PLOS ONE

RESEARCH ARTICLE

Comparative Genomics of Pathogens Causing Brown Spot Disease of Tobacco: *Alternaria longipes* and *Alternaria alternata*

Yujie Hou[1☯], Xiao Ma[2☯], Wenting Wan[1], Ni Long[1], Jing Zhang[3], Yuntao Tan[1], Shengchang Duan[1], Yan Zeng[4]*, Yang Dong[1,5]*

1 Faculty of Life Science and Technology, Kunming University of Science and Technology, Kunming, Yunnan, China, **2** Longrun Pu-erh Tea Academy, Yunnan Agricultural University, Kunming, Yunnan, China, **3** College of Life Science and Technology, Huazhong University of Science and Technology, Wuhan, Hubei, China, **4** State Key Laboratory of Genetic Resources and Evolution, Kunming Institute of Zoology, Chinese Academy of Science, Kunming, Yunnan, China, **5** Biological Big Data College, Yunnan Agricultural University, Kunming, Yunnan, China

☯ These authors contributed equally to this work.
* dongyang@dongyang-lab.org (YD); zengyan@mail.kiz.ac.cn (YZ)

CrossMark
click for updates

OPEN ACCESS

Citation: Hou Y, Ma X, Wan W, Long N, Zhang J, Tan Y, et al. (2016) Comparative Genomics of Pathogens Causing Brown Spot Disease of Tobacco: *Alternaria longipes* and *Alternaria alternata*. PLoS ONE 11(5): e0155258. doi:10.1371/journal.pone.0155258

Editor: Jae-Hyuk Yu, The University of Wisconsin - Madison, UNITED STATES

Received: January 7, 2016

Accepted: April 26, 2016

Published: May 9, 2016

Copyright: © 2016 Hou et al. This is an open access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Data Availability Statement: The genome sequencing data have been deposited at NCBI under the accession numbers SRR3056091 and SRR3056092.

Funding: The authors received no specific funding for this work.

Competing Interests: The authors have declared that no competing interests exist.

Abstract

The genus *Alternaria* is a group of infectious/contagious pathogenic fungi that not only invade a wide range of crops but also induce severe allergic reactions in a part of the human population. In this study, two strains *Alternaria longipes* cx1 and *Alternaria alternata* cx2 were isolated from different brown spot lesions on infected tobacco leaves. Their complete genomes were sequenced, *de novo* assembled, and comparatively analyzed. Phylogenetic analysis revealed that *A*. *longipes* cx1 and *A*. *alternata* cx2 diverged 3.3 million years ago, indicating a recent event of speciation. Seventeen non-ribosomal peptide synthetase (NRPS) genes and 13 polyketide synthase (PKS) genes in *A*. *longipes* cx1 and 13 NRPS genes and 12 PKS genes in *A*. *alternata* cx2 were identified in these two strains. Some of these genes were predicted to participate in the synthesis of non-host specific toxins (non-HSTs), such as tenuazonic acid (TeA), alternariol (AOH) and alternariol monomethyl ether (AME). By comparative genome analysis, we uncovered that *A*. *longipes* cx1 had more genes putatively involved in pathogen-plant interaction, more carbohydrate-degrading enzymes and more secreted proteins than *A*. *alternata* cx2. In summary, our results demonstrate the genomic distinction between *A*. *longipes* cx1 and *A*. *altenata* cx2. They will not only improve the understanding of the phylogenetic relationship among genus *Alternaria*, but more importantly provide valuable genomic resources for the investigation of plant-pathogen interaction.

Introduction

Alternaria is a genus of ubiquitous fungi that includes saprobic, endophytic and pathogenic species associated with a wide variety of hosts [1]. The members of *Alternaria* infect a

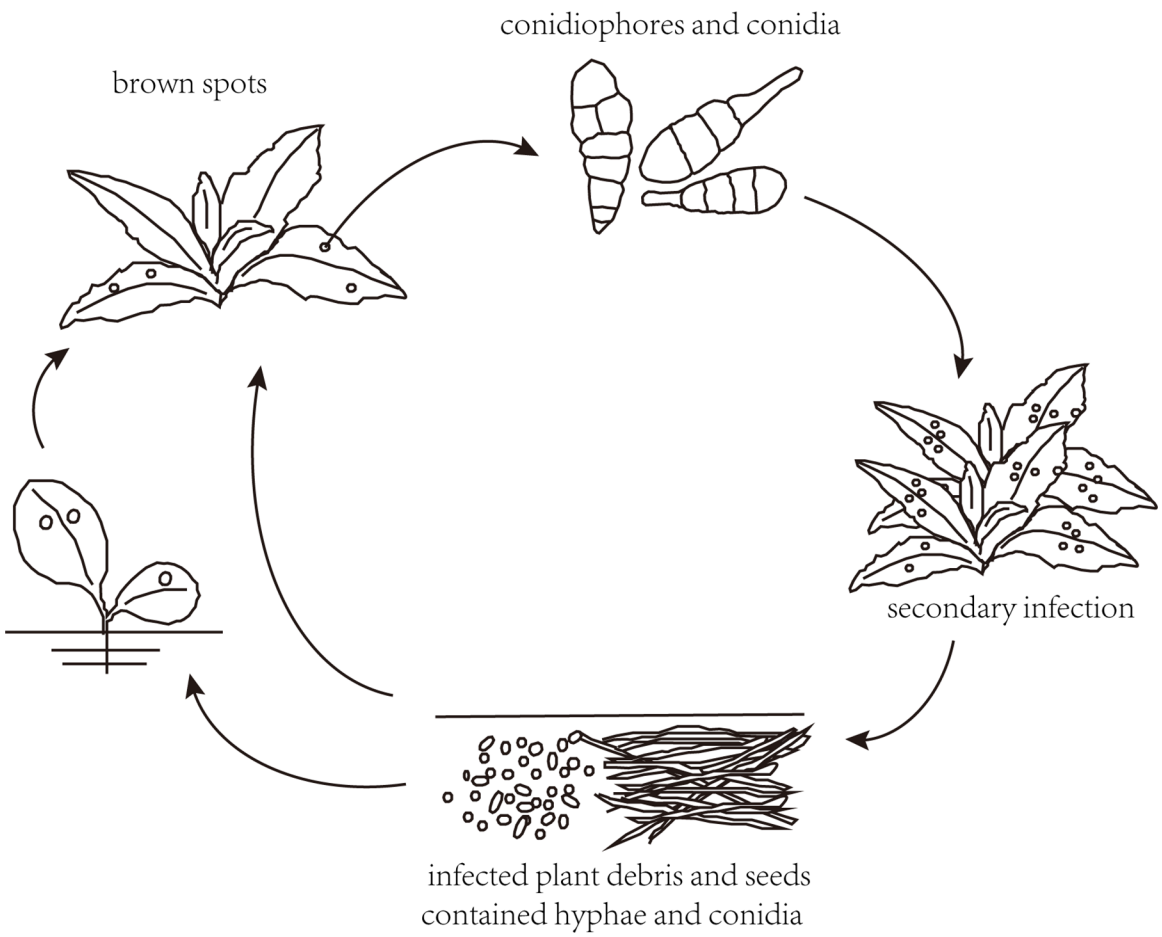


Fig 1. Saprophytic life cycle of *Alternaria* invading its host plants.

doi:10.1371/journal.pone.0155258.g001

remarkable range of plants, including citrus, pistachio, apple, pear, tobacco, tomato, and beans, causing devastating plant diseases and resulting in considerable loss of agricultural yield.

Brown spot disease is one of the most destructive leaf spot diseases caused by *Alternaria* on various crops. It has been reported that the members of the genus *Alternaria* are major fungal pathogens that infect tobacco leaves, and give rise to the formation of brown spot [2]. After the plant enters the growing stage and the climate becomes suitable, the conidia of *Alternaria* will spread very rapidly in the field (Fig 1). They germinate and infect crop leaves or fruits, which not only causes great loss of agricultural production, but the produced mycotoxins present in agricultural products also threatens the health of humans and animals.

However, there are always confusions about species identification in the genus *Alternaria*. Some studies suggested that some host-specific toxins (HSTs) producing pathogens in *Alternaria* (*A*. *mali*, *A*. *citri*, *A*. *kikuchiana*, *A*. *longipes* and *A*. *alternata* f. sp. *lycopersici*) look similar in conidial morphology and should be interpreted as intraspecific variability of *A*. *alternata* [3–5]. However, other researchers argued that *A*. *longipes* and *A*. *alternata* are different species that can be distinguished by morphological species concepts [6], molecular [7] and chemical methods [8]. They argued that the continuing use of the name *A*. *alternata* for *A*. *longipes* is unwarranted and that pathotypes should not be used [8].

Recent studies have suggested that *Alternaria* spp. produce non-host specific toxins (non-HSTs) (e.g., tenuazonic acid (TeA), alternariol (AOH), alternariol monomethyl ether (AME), brefeldin A, tentoxin, zinniol) [9] and host-specific toxins that produced by a gene cluster usually residing on one or several conditionally dispensable chromosomes (CDCs) [1, 10]. Two major toxins, AT-toxin and TeA, are involved in the onset of tobacco brown spot disease [11]. TeA is a nonspecific toxin, whereas AT-toxin is considered as a HST to *Nicotiana tabacum*. In contrast to what is known about the chemical structures and properties of other *Alternaria* HSTs [12], such as AK-toxin [13], ACT-toxin [14] and AM-toxin [15], no detailed information is available for AT toxin, while researchers proposed that they induced programmed cell death in tobacco [16]. Some reports also found that TeA and other low molecular compounds could cause a faded green halo around the invasion site, and finally gave rise to the brown spot.

Although the symptoms of brown spot are usually associated with the action of *A. alternata* or *A. longipes*, their pathogenicity mechanisms including toxin biosynthesis pathways, secondary metabolism and secretomes are still unclear and need further investigation. In addition, most research on *Alternaria* would greatly benefit from the information of a reference genome.

Large-scale genome sequencing and comparative genome analysis can help to identify shared and unique pathogenicity genes in closely-related fungal species. In this study, two isolates named CX1 and CX2 were isolated from different infected tobacco cultures by separation of single fungal spores. CX1 and CX2 were separated from typical brown spot lesions on tobacco leaves and brown spots lesions on sunburned tobacco leaves, respectively. Through the whole genome sequencing and phylogenetic relationship analysis based on co-linear sequences, CX1 and CX2 were identified as *A. longipes* and *A. alternata*, respectively. Accordingly, we renamed CX1 to *A. longipes* cx1 and CX2 to *A. alternata* cx2. Moreover, a variety of comparative genomic analyses revealed differences between the *A. longipes* cx1 and *A. alternata* cx2 genomes including genes putatively involved in non-HSTs biosynthesis, pathogen-plant interaction, cell wall integrity and secreted proteins.

Results and Discussion

Strain identification based on ITS

Two strains named CX1 and CX2 were isolated from typical brown spots lesions on tobacco leaves and sunburned tobacco leaves (Fig 2) by separating single fungal spores, respectively. A phylogenetic tree based on ITS sequences was built among CX1, CX2, *A. longipes* EGS30-033 (accession: AY751457.1), *A. alternata* SDHeze-9 (accession: KT238888.1), *Alternaria tenuissima* CSPF5 (accession: KU508797.1) and *Alternaria brassicicola* Ab4UP (accession: KF542552.1) from NCBI (Fig 3A), showing that CX1, *A.longipes* EGS30-033, CX2, *A. alternata* SDHeze-9 and *A. tenuissima* CSPF5 are clustered in the same clade.

Previous researchers demonstrated that the ITS variability within the genus is relatively limited. A number of taxa inhabiting particular plant species, such as *A. longipes*, *A. mali* and *A. tenuissima* cannot reliably be distinguished from *A. alternata* using this method [17]. Elisabeth [18] argued that isolates of the *A. alternata*, *A. tenuissima*, and *Alternaria arborescens* species-groups could not be further resolved by ITS. In this study, the ITS sequences in CX1 and CX2, differed by only two bases (S1 Text), confirming that species separation between CX1 and CX2 cannot be done by comparison of ITS sequences.

Therefore, a phylogenetic tree based on large co-linear sequences (refer to methods and S2 Text) was constructed by MEGA5 among CX1, CX2, *A. alternata* atcc11680, *A. alternata* atcc66891, *A. longipes* bmp0313 and *A. tenuissima* bmp0304 from *Alternaria* Genomes Database [19] (Fig 3B). This analysis demonstrated that CX1 is more closely related to *A. longipes* while CX2 and *A. alternata* have a closer genetic relationship. Based on our result, CX1 and



Fig 2. Tobacco leaves showing different brown spot symptoms. (A) Typical brown spot lesions on tobacco leaves, from which CX1 was isolated. (B) Brown spots lesions on sunburned tobacco leaves, which served to isolate CX2.

doi:10.1371/journal.pone.0155258.g002

CX2 were determined as *A*. *longipes* and *A*. *alternata*, respectively, and renamed to *A*. *longipes* cx1 and *A*. *alternata* cx2.

General features of the *A*. *longipes* cx1 and *A*. *alternata* cx2 genomes

The genomes of *A*. *longipes* cx1 and *A*. *alternata* cx2 were sequenced on the Illumina HiSeq 2500 platform using a whole genome shotgun approach. This generated a total of 27.75 Gb raw sequences for *A*. *longipes* cx1, and 17.99 Gb raw sequences for *A*. *alternata* cx2 as 100 bp paired-end short reads. Quality-control filters removed adapter sequences, regions of low base-

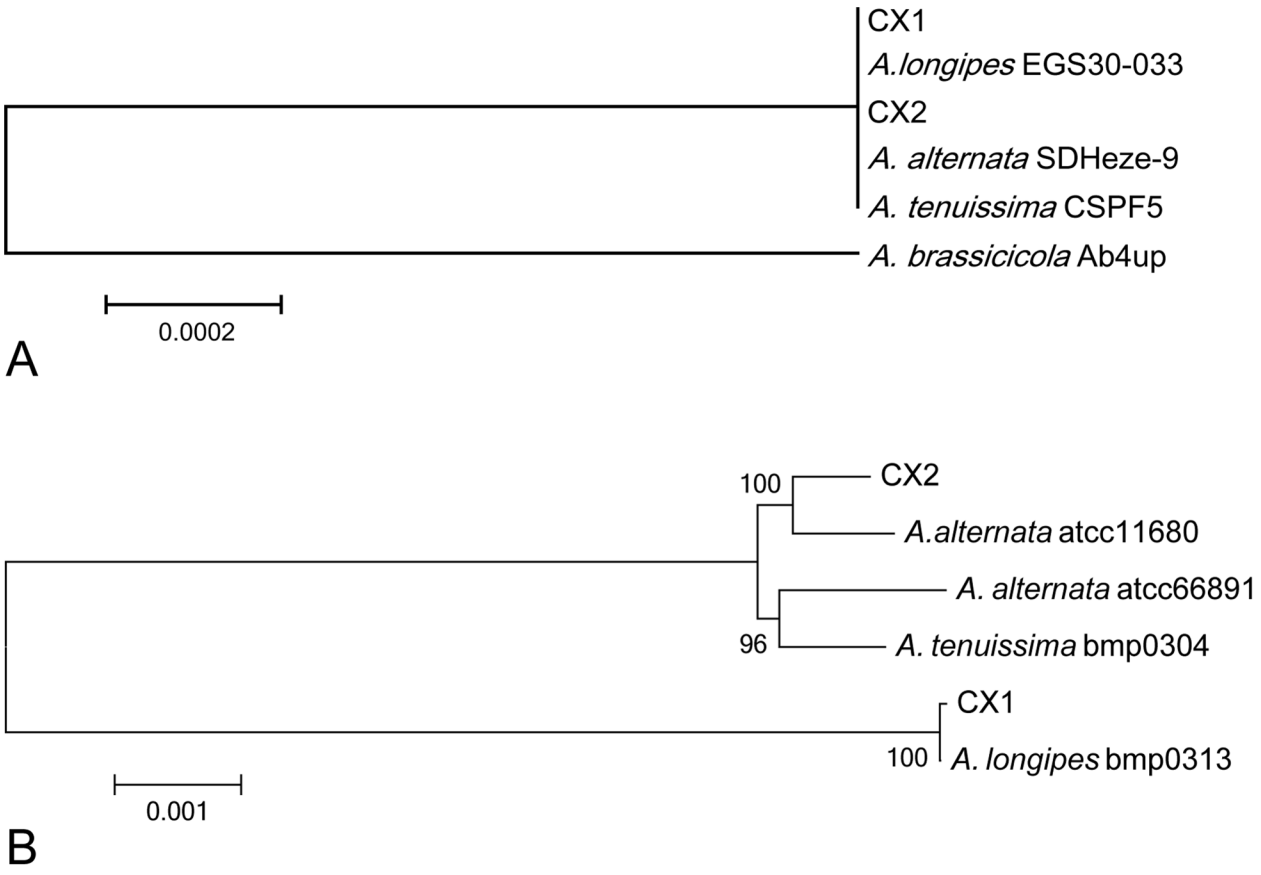


Fig 3. Phylogenetic relationship between CX1 and CX2. (A) Phylogenetic relationship constructed by MEGA5 based on ITS sequences of CX1, CX2, *A. longipes* EGS30-033, *A. alternata* SDHeze-9, *A. tenuissima* CSPF5 and *A. brassicicola* Ab4UP. (B) Phylogenetic relationship constructed by MEGA5 based on large co-linear sequence among CX1, CX2, *A. alternata* atcc11680, *A. longipes* bmp0313 and *A. tenuissima* bmp0304.

doi:10.1371/journal.pone.0155258.g003

call quality, and regions of low sequence complexity. All *17-mer* sequences were then extracted from each library. The *17-mer* analysis showed that both genomes of *A. longipes* cx1 and *A. alternata* cx2 had low heterozygosity (S1 Fig). The genome sizes of *A. longipes* cx1 and *A. alternata* cx2 were estimated to be 39.99 Mb and 37.40 Mb, respectively. The sequencing depth was calculated to be about 694 × and 481 × for *A. longipes* cx1 and *A. alternata* cx2, respectively.

The total assembly sizes of *A. longipes* cx1 and *A. alternata* cx2 are 35.7 Mb and 33.5 Mb, covering 89.5% and 89.6% of the predicted genome sizes, respectively (Table 1). These numbers are similar to the published genome sizes of *A. alternata* SRC1lrK1f (32.99 Mb) and *A. brassicicola* (29.54 Mb). The *A. longipes* cx1 genome assembly consists of 2,836 contigs with a N50 of 32.5 kb. The *A. alternata* cx2 genome assembly resulted in 1,406 contigs with a N50 of 47.4 kb. The N50 scaffold sizes of *A. longipes* cx1 and *A. alternata* cx2 were 208.2 kb and 1,889.4 kb, respectively. The GC content is 51.03% and 50.98% for the genome of *A. longipes* cx1 and *A. alternata* cx2, respectively.

Evaluation of assembled genomes using Reaper [20] showed that 93.55% bases in the *A. longipes* cx1 assembled genome, and 94.49% in the *A. alternata* cx2 genome were error free bases. The CEGMA mapping protocol [21] showed that the genome assemblies of *A. longipes* cx1 and *A. alternata* cx2 captured 99.19% (246 of 248) and 98.39% (244 of 248) complete ultra-conserved core proteins, respectively (S1 Table). These results demonstrate the high

Table 1. Statistics for the assembled genome sequences of *A. longipes* cx1 and *A. alternata* cx2.

	A. longipes cx1		*A. alternata* cx2	
	Contigs	**Scaffolds**	**Contigs**	**Scaffolds**
N50	32,505	199,330	47,420	1,889,411
Max length	171,230	1,172,862	188,398	5,106,132
Total length	35,710,164	36,587,255	33,528,339	33,816,569
Total number	2,836	2,854	1,406	540
Assemblied genome size	35,710,164		33,528,339	
Estimated genome size	39,987,783		37,396,367	
Coverage (%)	89.5		89.6	
GC (%)	51.03		50.98	

doi:10.1371/journal.pone.0155258.t001

quality of both two genome assemblies in this study. Additionally, scaffold alignment using NUCmer in MUMmer3.23 showed that *A. longipes* cx1 and *A. alternata* cx2 are highly syntenic [22] (Fig 4).

Genome annotation

Using MAKER2 [23], a total of 12,690 protein-coding genes were predicted in the genome of *A. longipes* cx1, and a total of 12,041 in the genome of *A. alternata* cx2. These predicted genes accounted for 63.45% and 66.69% of the assembled *A. longipes* cx1 and *A. alternata* cx2 genomes, with an average gene length of 1,784.89 bp and 1,855.42 bp, respectively (Table 2). The result shows that *A. longipes* cx1 has a larger genome and more protein-coding genes than *A. alternata* cx2.

With functional annotation, about 5,938 (46.79%), 6,133 (48.33%), 6,986 (55.05%) and 10,895 (85.86%) of the predicted genes in *A. longipes* cx1, and about 5,825(48.38%), 5,884 (48.87%), 6,724 (55.84%) and 10,311(85.63%) genes in *A. alternata* cx2 had homologies with known functions in the following four databases, respectively: the Gene ontology (GO) [24], Kyoto Encyclopaedia of Genes and Genomes (KEGG) [25], SwissProt and TrEMBL databases [26]. In total, there were 10,921 genes in *A. longipes* cx1 and 10,336 genes in *A. alternata* cx2 identified as common to all four protein databases (S2 Table).

The content of transposable elements (TE) may have profound impacts on the genome rearrangement and synteny loss in fungi [27]. The repeat sequences accounted for 3.07% of the *A. longipes* cx1 genome, and 1.73% of the *A. alternata* cx2 genome. Among all repeat sequences, TEs made up 2.76% of the *A.longipes* cx1 genome, which was almost twice that of the *A. alternata* cx2 genome (1.48%) (S3 Table). Because high TE content is a hallmark of CDCs [28], this result implies that the *A. longipes* cx1 genome might contain CDCs. Meanwhile, the TE content has a positive correlation with genome rearrangement, suggesting that *A. longipes* has a more flexible genome.

For annotation of non-coding genes, we identified 99 tRNAs for *A. longipes* cx1, and 98 tRNAs in *A. alternata* cx2. In addition, 26 snRNAs, 3 sRNAs and 132 rRNAs were annotated in *A. longipes* cx1, and 32 snRNAs, 3 sRNAs and 106 rRNAs were annotated in *A. alternata* cx2.

Phylogenetic analysis

Single copy orthologous genes defined by OrthoMCL [29] were chosen to carry out phylogenetic analysis. Phylogenetic relationship based on 2,702 single copy orthologous genes among *A. longipes*, *A. alternata*, *Fusarium oxysporum*, *Magnaporthe oryzae*, *Aspergillus nidulans*,

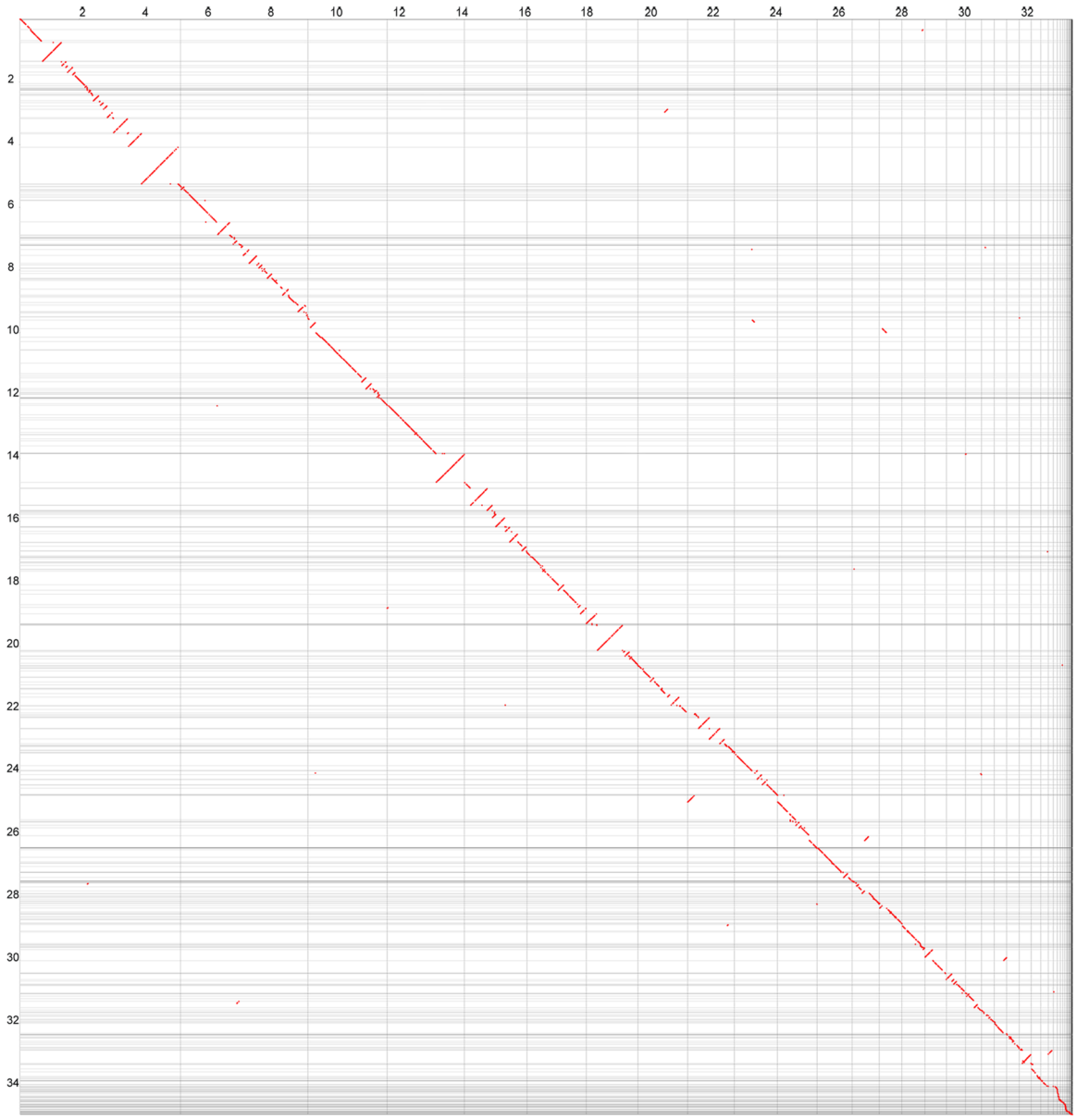


Fig 4. Synteny dotplot of *A. longipes* cx1 (y-axis) and *A. alternata* cx2 (x-axis). Regions of homology are plotted as diagonal lines.

doi:10.1371/journal.pone.0155258.g004

Leptosphaeria maculans, *Pyrenophora teres*, *Phaeosphaeria nodorum*, *A. abrassicicola* and *A. alternata* SRC1lrK1f were constructed using MrBayes [30]. The estimated divergence time of 3.3 (2.4–5.1) million years ago (MYA) between *A. longipes* cx1 and *A. alternata* cx2 (Fig 5) is consistent with the divergence time between species in closely related genera (i.e., 4.1 MYA between *Cochliobolus sativus* and *C. heterostrophus*; 7.1 MYA between *P. teres* and *P. tritici-repentis*) [31], indicating a recent event of speciation. The estimated divergence time between *A. alternata* SRC1lrK1f and *A. alternata* cx2 is 2.1 (1.5–3.3) MYA, which further suggests that *A. alternata* cx2 belongs to the species *A. alternata*. Phylogenetic analysis based on single copy orthologous genes further confirmed that *A. longipes* cx1 and *A. alternata* cx2 belong to two different species.

Table 2. *A. longipes* cx1 and *A. alternata* cx2 genome features.

General genome features	*A. longipes* cx1	*A. alternata* cx1
Size (bp)	35,710,164	33,528,339
Repeats percent (%)	3.07	1.73
Protein-coding genes	12,690	12,041
Percent coding (%)	63.45	66.69
Average gene size (bp)	1,784.89	1,855.42
Average exon number	2.82	2.86
tRNAs genes	99	98

doi:10.1371/journal.pone.0155258.t002

Based on pair-wise protein sequence similarity, we carried out gene family clustering analysis on all *A. longipes* cx1, *A. alternata* cx2, *A. abrassicicola* and *A. alternata* SRC1lrK1f genes using OrthoMCL [29] (Fig 6). 12,690 genes in *A. longipes* cx1 and 12,041 genes in *A. alternata* cx2 were clustered into 11,088 and 11,016 gene families, respectively. Fifty-eight *A. longipes* cx1 specific gene families contained 154 genes, whereas *A. alternata* cx2 had 2 specific gene families with 4 genes (S4 Table). Interestingly, *A. alternata* cx2 shared more gene families with *A. longipes* cx1 (10,983) than with *A. alternata* SRC1lrK1f (10,802).

We investigated gene families only shared by *A. longipes* cx1 and *A. alternata* cx2 and absent in *A. brassicicola and A. alternata* SRC1lrK1f (S5 Table). They were annotated by KEGG database. For example, six genes in the gene family No. 668 in *A. longipes* cx1 and *A. alternata* cx2 were annotated as hypothetical glycogen debranching enzymes (Table 3). These enzymes facilitate the breakdown of glycogen, which might help the fungal pathogens catabolize and utilize

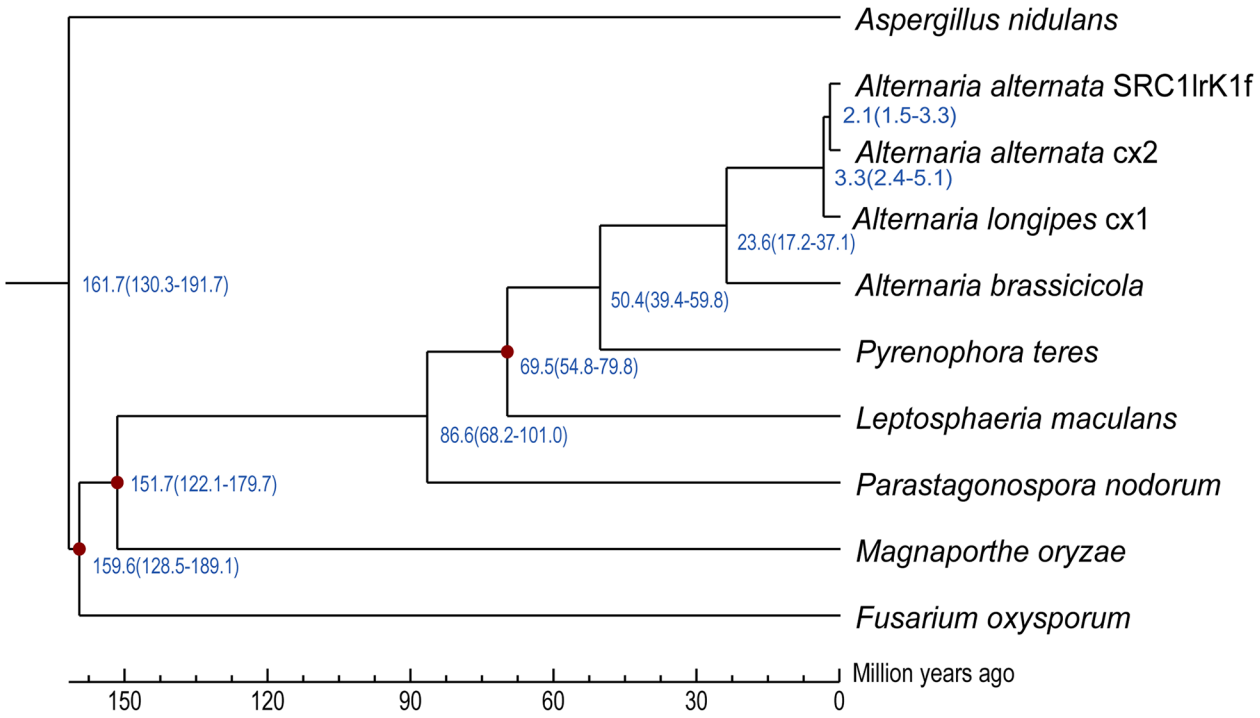


Fig 5. Phylogenetic relationship among *A. longipes* cx1, *A. alternata* cx2, *F. oxysporum*, *M. oryzae*, *A. nidulans*, *L. maculans*, *P. teres*, *P. nodorum*, *A. abrassicicola and A. alternata* SRC1lrK1f. The estimates of divergence time and its interval based on sequence identity are indicated at each node. The red dot on branches means divergence time has been adjusted by fossil evidence.

doi:10.1371/journal.pone.0155258.g005

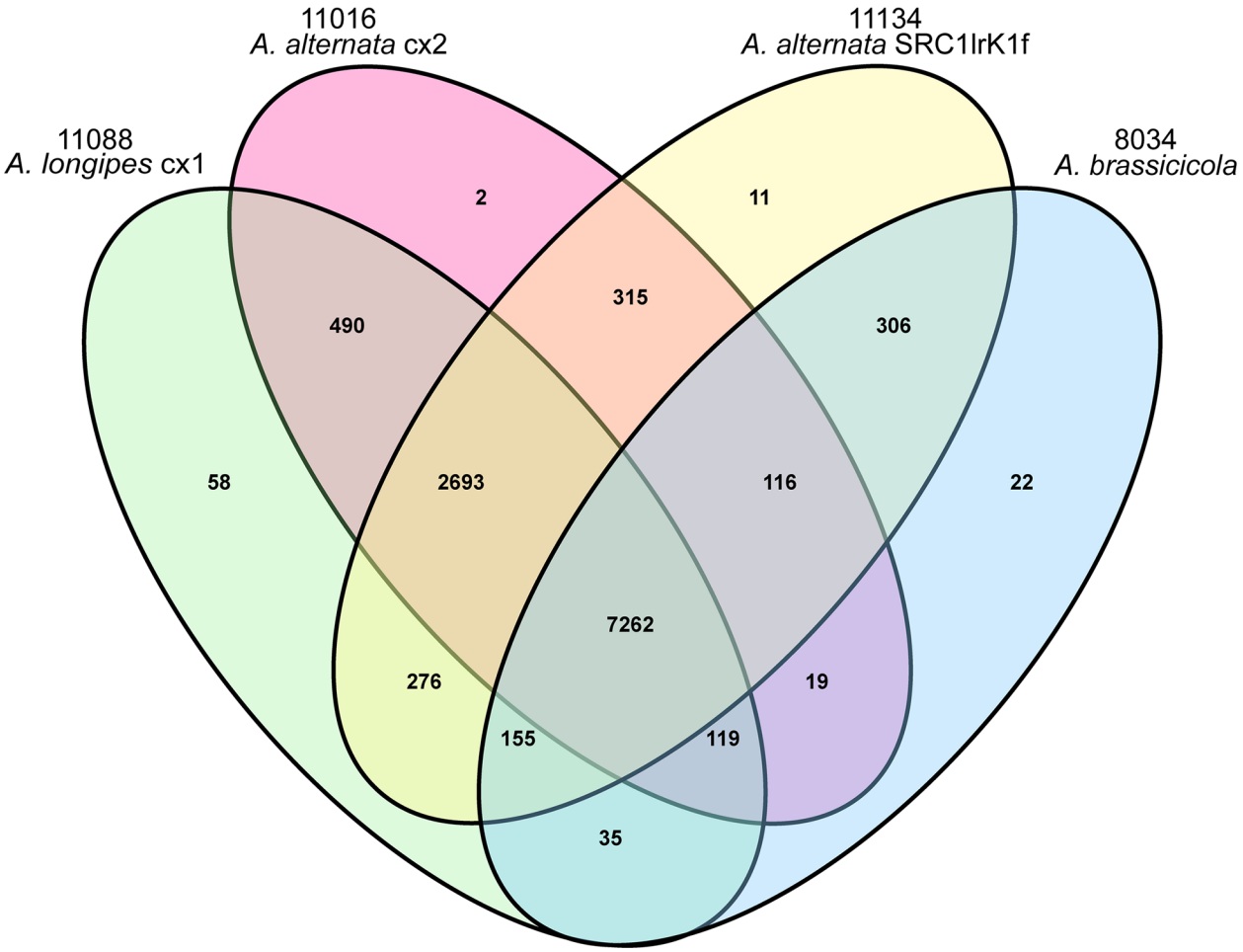


Fig 6. Venn diagram showing the number of unique and shared gene families among *A. longipes* cx1, *A. alternata* cx2, *A. brassicicola and A. alternata* SRC1IrK1f.

doi:10.1371/journal.pone.0155258.g006

Table 3. Three gene families specific to *A. longipes* cx1 and *A. alternata* cx2 have different gene copies between these two strains.

	***A. longipes* cx1**		***A. alternata* cx2**	
FamilyID	**GeneID**	**KO**	**GeneID**	**KO**
No. 668	AL_scaffold178_10754	K01196	AA_scaffold30_2734	K01196
	AL_scaffold301_9424	K01196		
	AL_scaffold314_7028			
	AL_scaffold329_1	K01196		
	AL_scaffold481_4249	K01196		
No. 1123	AL_scaffold249_5852	K00777	AA_scaffold30_2732	K00777
	AL_scaffold29_2251	K00777		
	AL_scaffold325_9746	K00777		
	AL_scaffold340_8411	K00777		
No. 8849	AL_scaffold260_3766	K01238	AA_scaffold27_18	K01238
	AL_scaffold422_673	K01238		

doi:10.1371/journal.pone.0155258.t003

nutrients in tobacco leaves. The gene family No. 1123 was identified as pentosyltransferases (Pfs), NACHT and WD domain proteins. They might be closely related to carbohydrate metabolism in tobacco. Genes in the gene family No. 8849 were defined as WSC domain protein-coding genes. Previous studies have elucidated that *WSC1*, *WSC2* and *WSC3* genes encode putative receptors that maintain cell wall integrity under heat stress [32]. Moreover, the functional characteristics and cellular localization of WSC suggest that they may mediate intracellular responses to environmental stress in yeast [33].

Furthermore, *A*. *longipes* cx1 had many unique gene families (S6 Table). Based on the functional annotation, we found that these gene families covered extensive parts of biological processes, including genes in the secondary metabolic pathways (gene family No. 11699) and pathogen-plant interaction (gene family No. 11728 and No. 11792), which proposed that these families may be involved in pathogen-plant interaction during the infection.

Secondary metabolic pathways (NRPS and PKS)

Alternaria spp. produce more than 60 secondary metabolites [34], including important HSTs and non-HSTs that ultimately cause plant cell death. Most of them are versatile compounds of polyketides and non-ribosomal peptides, which are usually generated by non-ribosomal peptide synthase (NRPS) and polyketide synthase (PKS), respectively. More importantly, these genes are probably also involved in the synthesis of siderophores, which assists many pathogens to acquire iron from the host during infection. Therefore, they are good candidates for the investigation of virulence factor and toxin synthesis.

Typically, NRPSs mainly consist of adenylation (A), thiolation (T, also known as PCP for peptidyl carrier protein), and condensation (C) domains [35]. Type I fungal PKSs contain ketosynthase (KS), acyltransferase (AT), and acyl carrier protein (ACP) main domains, along with several optional domains, such as b-ketoacyl reductase (KR), dehydratase (DH) and trans-acting enoyl reductase (ER) domains [36]. To detect secondary metabolite biosynthetic genes and pathways, we employed Secondary Metabolite Unique Regions Finder (SMURF) [37] based on PFAM and TIGRFAM domain content to find the PKS and NRPS genes. Considering the architectures of fungal PKSs are very similar to each other, MUSCLE and FastTree [38] were used to find gene clusters of NRPS and PKS genes, respectively. BlastP [39] were used to search specific genes in these two genomes.

We identified 17 NRPS genes and 13 PKS genes in *A*. *longipes* cx1, and 13 NRPS genes and 12 PKS genes in *A*. *alternata* cx2, respectively (S7 Table). Further study was conducted by using antiSMASH [40] online to explore the structural domains of the candidate genes, and unravel their specific roles in the syntheses of secondary metabolites and toxins.

TeA is a well-known mycotoxin produced by various plant pathogenic fungi, including *Alternaria* spec., *M*. *oryzae* and *Phoma sorghina* [34]. TeA is one of the most toxic *Alternaria* toxins. A recent report revealed that TAS1 in *M*. *oryzae*, a NRPS-PKS hybrid enzyme of 1,602 amino acids, was responsible for TeA synthesis from isoleucine and acetoacetyl-coenzyme A [41]. TAS1 consists of C, A and PCP domains in the NRPS portion, and a KS domain in the PKS portion. This study also verified that the KS domain is responsible for the final cyclization step and the C domain is responsible for the condensation reaction in TeA production by ultra performance liquid chromatography (UPLC) analysis of metabolites. As Fig 7A illustrates, gene AL_scaffold88_6305 and gene AA_scaffold3_8872 were considered as *TAS1* homologs, suggesting a potential role in the production of TeA. Gene AL_scaffold88_6305 in *A*. *longipes* cx1 has the same domains with *TAS1* gene, while gene AA_scaffold3_8872 in *A*. *alternata* cx2 lacks of a C domain at the amino terminus, suggesting that it might have a defect in TeA production. Their protein sequences were provided in S3 Text. Interestingly,

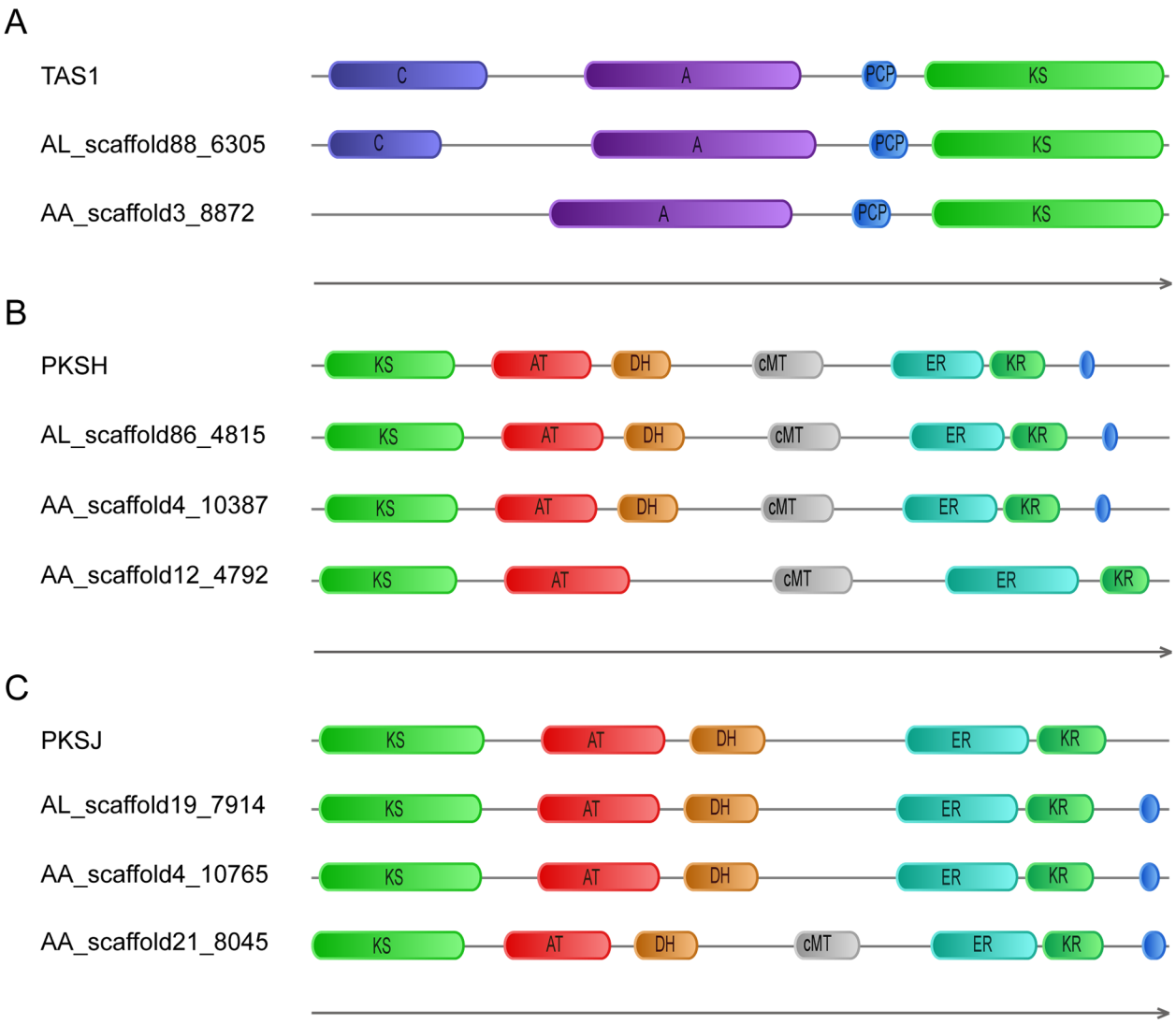


Fig 7. NRPS-PKS homologs in *A. longipes* cx1 and *A. alternata* cx2. (A) TAS1 homologous gene in *A. longipes* cx1 (AL_scaffold88_6305) and *A. alternata* cx2 (AA_scaffold3_8872) might be required for TeA synthesis. (B) PKSH homologous gene in *A. longipes* cx1 (AL_scaffold86_4815) and *A. alternata* cx2 (AA_scaffold4_10387, AA_scaffold12_4792). (C) PKSJ homologous gene in *A. longipes* cx1 (AL_scaffold19_7914) and *A. alternata* cx2 (AA_scaffold4_10765, AA_scaffold21_8045). The direction of arrow indicates N-terminal.

doi:10.1371/journal.pone.0155258.g007

this is in accordance with previous reports that some isolates of *A. alternata* might not produce TeA [8].

Using the same method, we also found genes required for AOH and AWE syntheses. It is well known that one of the postulated core enzymes in the biosynthesis of AOH and AME is PKS. Debjani *et al.* found that the timing of the expression of two PKS genes, *pksJ* (JX103645) and *pksH* (JX103643) are correlated with the production of AOH and AME [9]. AL_scaffold86_4815 and AA_scaffold4_10387 shared high homology with *pksH*, and AL_scaffold19_7914 and AA_scaffold4_10765 shared high homology with *pksJ* (Fig 7B and 7C). Combined with gene cluster results, we found an additional copy of *pksH* homolog (AA_scaffold12_4792), and an additional copy of *pksJ* homolog (AA_scaffold21_8045) in *A. alternata* cx2. AA_scaffold12_4792 protein only lacks a DH domain. AA_scaffold21_8045 protein is

almost the same as *pksJ* with an additional cMT domain. These data imply gene duplications in *A*. *alternata* cx2 during the evolution process.

NRPS or PKS genes responsible for synthesis of HSTs generally reside on CDCs. However, it is a big challenge for us to find genes responsible for AT-toxin synthesis because of the insufficient research up to now. To figure out CDCs in *A*. *longipes* cx1 and *A*. *alternata* cx2, two CDC marker gene on *A*. *arborescens* (tomato pathotype), *ALT1*, a PKS gene involved in AAL toxin biosynthesis, and *AaMSAS* gene, a putative 6-MSA-type PKS gene [28, 42] were used as query to BLAST in *A*. *longipes* cx1 and *A*. *alternata* cx2 genome. However, there is no gene homologous to *ALT1* in both genomes. What's interesting is that two genes, AL_scaffold266_5850 and AL_scaffold337_4970, identical to *AaMSAS* were found in *A*. *longipes* cx1, while none was found in *A*. *alternata* cx2 (S2 Fig). The results imply that scaffold226 (18 Kb) and scaffold 337 (11 Kb) in *A*. *longipes* cx1 on which *AaMSAS* homologous gene reside might be fragments of CDCs.

Plant pathogen interaction

Searching against pathogen host interaction database (PHI-base) [43] identified 2,180 (17.18%) genes in *A*. *longipes* cx1 and 2,063 (17.13%) genes in *A*. *alternata* cx2 that might be involved in pathogenicity and virulence pathways. Among the proteins that showed over 70% identity with proteins in the PHI-base, 50 of 122 matches in *A*. *longipes* cx1 and 52 of 116 matches in *A*. *alternata* cx2 were labeled "loss of pathogenicity or reduced virulence" as the phenotype characteristic in mutant strains (S8 Table).

To study genes in the plant-pathogen interaction, we searched each genome using the KEGG Orthology (KO) number in the KEGG plant-pathogen interaction pathway (ko04626). As the result showed, *A*. *longipes* cx1 has more genes involved in this pathway (Table 4). For the calmodulin gene (K02183) family, there are 8 genes in *A*. *longipes* cx1, and 5 genes in *A*. *alternata* cx2. These genes potentially regulate the biological activities of many cellular proteins and transmembrane ion transporters mainly in a Ca^{2+}-dependent manner in fungi. The increase of cytosolic Ca^{2+} concentration in plants is a regulator for the production of reactive oxygen species and the localized programmed cell death/hypersensitive response [44]. The

Table 4. Genes related to KEGG plant-pathogen interaction.

KO	*A. longipes* cx1 GeneID	*A. alternata* cx2 GeneID
K00864	AL_scaffold122_10370	AA_scaffold14_4293
K02183	AL_scaffold28_2655	AA_scaffold7_9519
	AL_scaffold5_7042	AA_scaffold8_5177
	AL_scaffold553_987	AA_scaffold1_866
	AL_scaffold688_9778	AA_scaffold10_11716
	AL_scaffold812_594	AA_scaffold10_11716
	AL_scaffold893_5442	
	AL_scaffold97_3815	
	AL_scaffold14_5990	
K04079	AL_scaffold5_7293	AA_scaffold3_8231
	AL_scaffold522_3984	AA_scaffold10_11537
	AL_scaffold539_259	
	AL_scaffold65_4222	
K12795	AL_scaffold18_10272	AA_scaffold11_2880
	AL_scaffold124_9768	

doi:10.1371/journal.pone.0155258.t004

higher number of calmodulin genes existed in *A*. *longipes* cx1 than *A*. *alternata* cx2 may imply stronger Ca^{2+} storage and release capacity.

Carbohydrate degrading enzymes

Carbohydrate-active enzymes (CAZymes) are responsible for the breakdown, biosynthesis or modification of glycoconjugates, oligo- and polysaccharides. Besides making energy harvest from the plant tissues possible, pathogen CAZymes play a central role in the degradation of plant cell wall, the penetration into the host tissue, and the host-pathogen interactions [45]. CAZymes are grouped into four functional classes based on their catalytic modules or functional domains: glycoside hydrolases (GHs), glycosyltransferases (GTs), polysaccharide lyases (PLs), and carbohydrate esterases (CEs) [45]. To investigate CAZymes composition in both *A*. *longipes* cx1 and *A*. *alternata* cx2 genomes, HMMScan was used to search each predicted fungal proteomes against dbCAN (release 3.0) CAZymes database [46]. As shown in Fig 8, *A*. *longipes* cx1 genome encoded 554 putative CAZymes, including 277 GH, 105 GT, 145 CE, and 27 PL. *A*. *alternata* cx2 contained 546 putative CAZymes, including 272 GH, 102 GT, 147 CE, and 25 PL. Among these four classes, CE, GH, and PL classes are considered as cell wall degrading enzymes (CWDE) due to their roles in the disintegration of the plant cell wall by bacterial and fungal pathogens [47, 48]. However, the numbers of genes in CE, GH, and PL classes did not differ between *A*. *longipes* cx1 and *A*. *alternata* cx2 (S9 Table).

Secretome prediction

The secretome is defined as the global set of proteins produced by a cell and exported to the extracellular space in a determined time and condition [49]. The secretome plays an important role in the interactions with the environment, degradation of complex organic compounds, and in modulating directly or indirectly pathogen-host interactions. To compare the difference between *A*. *longipes* cx1 and *A*. *alternata* cx2, SignalP [50] and TargetP [51] were used to detect protein sequences with signal peptides, and TMHMM [52] was used to detect transmembrane helixes. As a result, 899 secreted proteins in *A*. *longipes* cx1 and 865 secreted proteins in *A*. *alternata* cx2 were predicted. Among all secreted protein encoding genes in *A*. *longipes* cx1, 212 genes were identified as cell wall degrading enzymes. In comparison, 206 genes in secreted protein encoding genes of *A*. *alternata* cx2 belonged to cell wall degrading enzymes. In addition, 8 genes in *A*. *longipes* cx1 and 8 genes in *A*. *alternata* cx2 were annotated as "effector" by BLASTN with PHI-base (S10 Table), and the "effector" were reported to be required for the direct or indirect recognition of a pathogen only in resistant host genotype [43, 53].

Conclusion

In this study, we reported two high quality genomes of *Alternaria* pathogens. Through the large-scale genomic analysis, we found NRPS and PKS genes in both genomes that likely participate in TeA, AOH and AME synthesis. It is interesting that *A*. *longipes* cx1 possessed more NRPS and PKS genes in total, while *A*. *alternata* cx2 gained another copy of PKS genes responsible for AOH and AME synthesis. By comparative genomic analysis, we found more genes with a putative function in pathogen-plant interaction, more carbohydrate degrading enzymes and more secreted proteins in *A*. *longipes* cx1 than in *A*. *alternata* cx2.

In summary, our results provide a novel perspective for studying the synthesis of various toxins and complex interactions with the hosts. It establishes a powerful basis for further identification of genes involved in AT-toxin synthesis. Conceivably, these resources will improve the understanding of important pathogens of the genus *Alternaria*, increase the genome

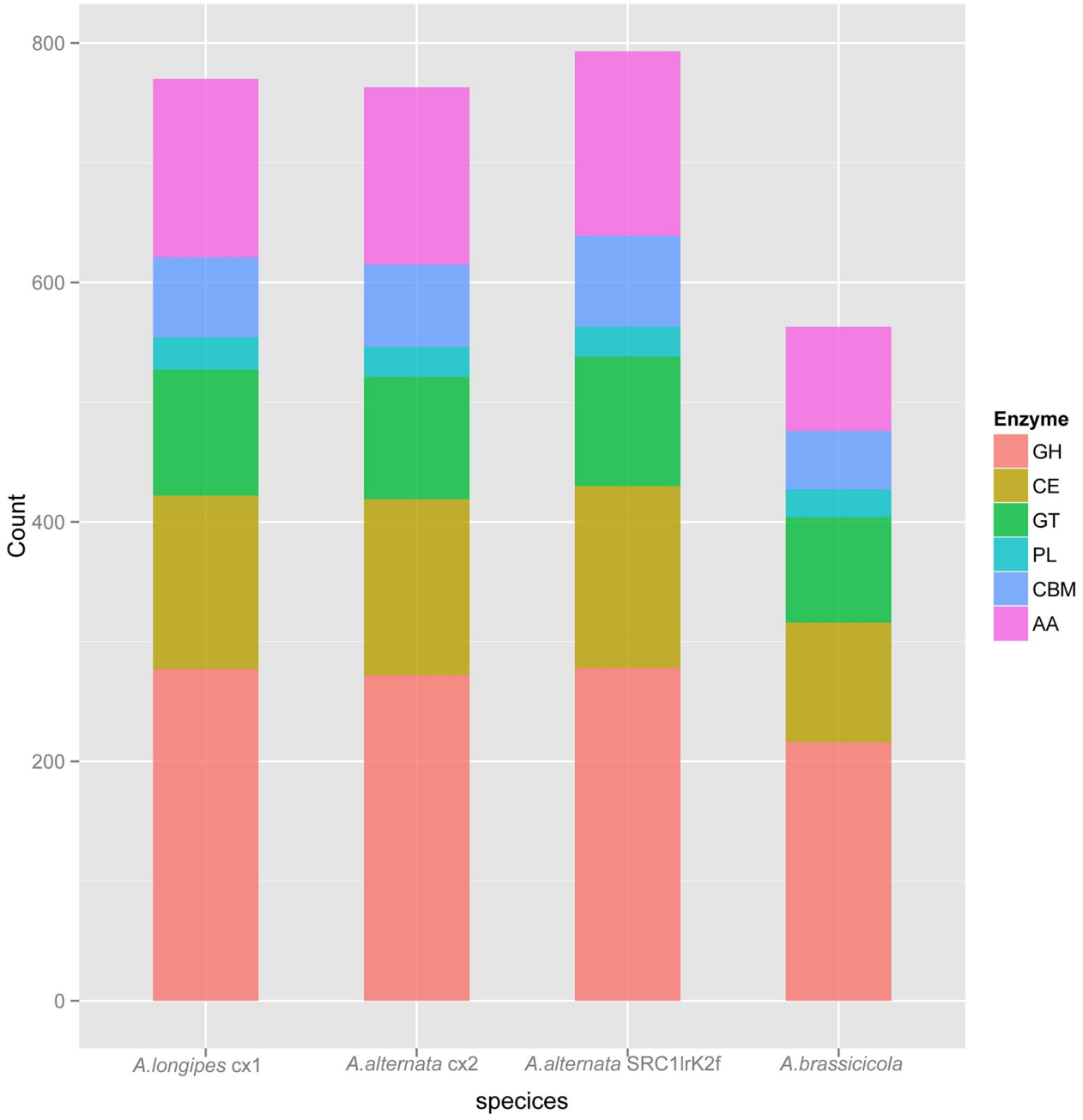


Fig 8. Distribution of carbohydrate-active enzymes gene families in *A. longipes* cx1, *A. alternata* cx2, *A. abrassicicola* and *A. alternata* SRC1lrK1f.

doi:10.1371/journal.pone.0155258.g008

information for pathogenic fungi, and facilitate the study of pathogenicity mechanisms of HSTs and various mycotoxins.

Materials and Methods

Strain acquiring and identification

Two different isolates were isolated from different infected tobacco cultures using single fungal spore separating method. First, the spores were scraped carefully from the brown spots lesions

on tobacco leaves by a blade. CX1 was separated from typical brown spot lesions on tobacco leaves, while CX2 was isolated from brown spot lesions on sunburned tobacco leaves that are larger than typical brown spot lesions. Spores were diluted in sterile water to a density of about 300 spores/ml. The spore suspension was subsequently spread uniformly on a PDA plate containing ampicillin (950 μg/ml), rifampicin (100 μg/ml) and quintozene (50 μg/ml) to ensure that single spores grew isolated. Germinated spores were excised from the PDA plate and transferred to a fresh plate.

For strain identification, ITS sequences were obtained by PCR using primer pairs (ITS5 and ITS4, ITS1 and ITS4, ITS3 and ITS4, and ITS1and ITS2) (S11 Table). Phylogenetic relationship according to ITS was analyzed by using MEGA5 among CX1, CX2, *A*. *longipes* EGS30-033 (accession: AY751457.1), *A*. *alternata* SDHeze-9 (accession: KT238888.1), *A*. *tenuissima* CSPF5 (accession: KU508797.1) and *A*. *brassicicola* Ab4UP (accession: KF542552.1) from NCBI.

To confirm the strain identification, phylogenetic analysis based on large co-linear sequence was implemented. Scaffolds about 200 kb in length in CX1 were selected and used as query to search the matching sequence of other fungi in *Alternaria* Genomes Database by BLASTN on their website. Finally, six scaffolds of about 195 kb from CX1 (scaffold45), CX2 (part of scaffold9), *A*. *longipes* bmp0313 (part of contig ALGCTG00140), *A*. *alternata* atcc11680 (part of contig ATNCTG00647), *A*. *alternata* atcc66891 (part of contig AATCTG00103) and *A*. *tenuissima* bmp0304 (part of contig AT2CTG00134) were chosen to construct phylogenetic tree using MEGA5.

Sequencing

Genomic DNA was extracted from fresh fungal hyphae by cetyltrimethyl ammonium bromide (CTAB) method [54]. In brief, fungal hyphae were ground in liquid nitrogen, and CTAB buffer was added to breakdown the cell wall. Mixture of phenol, chloroform and isoamyl alcohol was used to extract DNA and isopropyl alcohol was used to precipitate DNA. The DNA sediment was then washed with 75% ethanol and dissolved in sterile water.

To build small insert libraries, 2 μg of DNA were sheared to fragments of 300–1100 bp, end-repaired, A-tailed and ligated to Illumina paired-end adapters (Illumina). The ligated fragments were size selected at 427, 603 and 1042 bp for *A*. *longipes* cx1 and 430, 680 and 820 bp for *A*. *alternata* cx2 on agarose gel and amplified by PCR to yield the corresponding short insert libraries. All these DNA libraries were sequenced on the Illumina HiSeq 2500 platform. In total, we generated 277.4 M of usable sequence for *A*. *longipes* cx1 and 180.0 M for *A*. *alternata* cx2, respectively.

Genome assembly

First, a stringent filter and correction processing was carried out. All reads were removed with duplications and adapters and subsequently preprocessed by filtering out reads with more than 30 low-quality bases or more than 5% unknown bases. The sequence errors were corrected based on *K-mer* frequency information using a script named Corrector_HA (versoin 2.01) made by the Beijing Genomics Institute (BGI). For both *A*. *longipes* cx1 and *A*. *alternata* cx2 genome assemblies, we chose K = 17 bp, and corrected sequencing errors for the *17-mer*s with a frequency lower than 3.

We used *17-mer* analysis to evaluate the genome size and heterozygosity. All *17-mer* sequences were extracted from paired-end reads from short insert size libraries (< 1 kb) after filter and correction, and the frequency of each *17-mer* was calculated and plotted. The genome size G = K_num/Peak_depth, where the K_num is the total number of *17-mer*, and Peak_depth is the expected value of *17-mer* depth.

We assembled the short reads using JR-Assembler [55]–an extension-based *de novo* assembler. It runs in five steps: raw read processing, seed selection, seed extension, repeat detection, and contig merging by SSAKE based Scaffolding of Pre-Assembled Contigs after Extension (SSPACE) [56]. We chose the same optimized parameters (minOverlap 30, maxOverlap 40, Assembly Read Length 87) for both genome assemblies.

To confirm the genome assembly, Reaper was performed to evaluate the assembled genome quality with default parameters, which is a tool that precisely identifies errors in genome assemblies [20]. Meanwhile, software CEGMA [21] with default setting was also used to estimate the sequence completeness of the assembly.

The assembled scaffolds of these two genomes were aligned using NUCmer in MUMmer3.23 with the minimum length of a cluster of matches set by 100 (c = 100) [22]. The assembled genome with longer scaffolds (*A*. *alternata* cx2) was used as the reference, while the genome of *A*. *longipes* cx1 was used as the query. After merging adjacent alignments with gaps less than 300 bp, alignments shorter than 10 kb were discarded. Subsequently, all alignments were output in the reference's order and a dot-plot SVG graph was generated by a perl script.

Repeat annotation

For the identification of known TEs in the genome assembly, we employed RepeatMasker (version 3.3.0) [57] against the Repbase 16.0 [58] TE library, and then executed RepeatProteinMask in RepeatMasker package to identify TEs by aligning the genome sequence to a self-taken curated TE protein database. We also constructed a *de novo* repeat library using Piler, RepeatScount [59] and LTR_FINDER [60], followed by filtering sequences less than 100 bp. The generated results were consensus sequences and classification information for each repeat family. Then we used RepeatMasker again on the library built in the above steps. For tandem repeat prediction, we used RepeatMasker with the "-noint" option, including simple repeat, satellites, and low complexity repeats. TRF [61] were also used to predict tandem repeats, with parameters set to "Match = 2, Mismatch = 7, Delta = 7, PM = 80, PI = 10, Minscore = 50, and MaxPeriod = 12".

Protein-coding gene prediction

To predict protein-coding genes, we employed the MAKER pipeline [23] in default parameters. MAKER2 executes *ab inito* prediction using the programs SNAP, Augustus, and GeneMark-ES, and evidence-based annotation using EST and protein homology as references. Proteins from *L*. *maculans*, *P*. *nodorum*, *P*. *teres*, *Pyrenophora triticirepentis*, *A*. *brassicicola* and transcripts of the published genome of *A*. *alternata* SRC1lrK1f were used as references in the homology-based annotation.

Functional gene annotation

To assign preliminary GO terms to the protein-coding genes, InterProScan (version 5) [62] was used to screen predicted proteins against publicly available databases including Pfam, PRINTS, PROSITE, ProDom, PANTHER and SingnalP. The KEGG Orthology database, Uniprot/SwissProt and UniProt/TrEMBL database were searched for homology-based function assignments by blastall (e-value $\leq$ 1e-5). Potential pathogenicity factors were identified through scanning protein-coding genes in the PHI-base using an e-value of 1e-5 and $\geq$ 50% coverage as criteria.

Non-coding RNA annotation

Genes encoding tRNAs were identified using tRNAscan-SE with appropriate default parameters. The rRNA fragments were identified by aligning the rRNA template sequences from the

yeast genome using BlastN at an e-value of 1e-5. Other ncRNAs, including miRNA, sRNA and snRNA, were identified using INFERNAL-1.1 [63] software by searching against the Rfam database with appropriate parameters (—rfam,—cut_ga,—nohmmonly).

Gene family cluster identification

The OrthoMCL (orthomclSoftware-v2.0.9) [29] was used to define a gene family as a group of orthologs or in-paralogs. For genes with alternative spliced variants, the longest transcript was used to represent the gene. To identify gene family clusters in these species, all-versus-all protein searches were performed using BLASTP with an e-value of 1e-5. The homologous segment pairs were processed using the OrthoMCL with an e-value cutoff of 1e-5, and MCL (mcl-14-137) was used to define final orthologs and paralogs with an inflation value of 1.5.

Phylogenetic analysis

Single copy gene family genes (i.e., one copy in all species) were used to construct a phylogenetic tree of the *F. oxysporum*, *M. oryzae*, *A. nidulans*, *L. maculans*, *P. teres*, *P. nodorum*, *A. abrassicicola* and *A. alternata* SRC1lrK1f. Multiple sequence alignments were performed using MUSCLE (muscle-3.8.31) [64]. Four-fold degenerate sites were extracted from each gene and concatenated into a supergene for each species. At last, MrBayes software (http://mrbayes.sourceforge.net, version 3.1.2) [30] was used to reconstruct the evolutionary relationships between species.

Divergence time estimation

We performed divergence time estimation with r8s, which estimates absolute rates ("r8s") of molecular evolution and divergence times on a phylogenetic tree, and then used the MCMCTREE program [65], implemented in the PAML package to estimate divergence times. Calibration time for the common ancestor from the TimeTree database (http://www.timetree.org/) was used to calibrate the divergence time estimation.

Secretome prediction

TargetP [51] was used to identify signal peptides and predict the subcellular location of proteins. Then SignalP [50] was used to predict the presence and location of signal peptide cleavage sites. These proteins were subsequently scanned for the presence of transmembrane helixes using the hidden Markov model topology predictor TMHMM [52]. Proteins with signal peptide and lacking transmembrane domains were deemed secreted proteins. The proteins with a length of less than 200 amino acids or with a cysteine content of less than 1.5% were removed and the candidate effectors were obtained.

Supporting Information

S1 Fig. *17-mer* frequency distribution of sequencing reads. (A) One sequencing library with insert size of 916 bp of *A. longipes* cx1. (B) One sequencing library with insert size of 694 bp of *A. alternata* cx2.
(PDF)

S2 Fig. Two scaffolds seem like CDCs in *A. longipes* cx1.
(PDF)

S1 Table. Statistics of the completeness of assembled *A. longipes* cx1 and *A. alternata* cx2 genome based on 248 CEGs. (A) CEGMA report of *A. longipes* cx1. (B) CEGMA report of *A.*

alternata cx2.
(XLSX)

S2 Table. Number of genes in *A. longipes* cx1 and *A. alternata* cx2 with homologs or functional classification in different databases.
(XLSX)

S3 Table. Statistics of repeat sequences and transposable elements of *A. longipes* cx1 and *A. alternata* cx2 genomes.
(XLSX)

S4 Table. Summary of gene family clustering.
(XLSX)

S5 Table. Gene families only shared by *A. longipes* cx1 and *A. alternata* cx2.
(XLSX)

S6 Table. Unique gene families in *A. longipes* cx1.
(XLSX)

S7 Table. List of NRPS and PKS genes in *A. longipes* cx1 and *A. alternata* cx2.
(XLSX)

S8 Table. Genes affect the outcome of pathogen-host interaction. (A) Genes in *A. longipes* cx1. (B) Genes in *A. alternata* cx2.
(XLSX)

S9 Table. Statistics of CAZyme genes grouped in CE, GH, and PL classes.
(XLSX)

S10 Table. Genes annotated as "effector" by PHI-base.
(XLSX)

S11 Table. Primer pairs used for amplify ITS sequences by PCR.
(XLSX)

S1 Text. ITS qequence of *A. longipes* cx1 and *A. alternata* cx2.
(TXT)

S2 Text. Six large co-linear sequences about 195 kb in length among CX1, CX2, *A. longipes* bmp0313, *A. alternata* atcc11680, *A. alternata* atcc66891 and *A. tenuissima* bmp0304.
(TXT)

S3 Text. Protein sequences of NRPS-PKS homologs in *A. longipes* cx1 and *A. alternata* cx2.
(TXT)

Acknowledgments

We thank Dr. Wei Chen and Dr. Feng Wang for reviewing this article.

Author Contributions

Conceived and designed the experiments: YD YZ XM YJH. Performed the experiments: WTW. Analyzed the data: YJH YZ NL JZ YTT SCD. Wrote the paper: YJH.

References

1. Thomma BP. *Alternaria* spp.: from general saprophyte to specific parasite. Mol. Plant Pathol. 2003; 4 (4):225–36. doi: 10.1046/j.1364-3703.2003.00173.x PMID: 20569383
2. Cheng DD, Jia YJ, Gao HY, Zhang LT, Zhang ZS, Xue ZC, et al. Characterization of the programmed cell death induced by metabolic products of *Alternaria alternata* in tobacco BY-2 cells. Physiol. Plant. 2011; 141(2):117–29. doi: 10.1111/j.1399-3054.2010.01422.x PMID: 20946348
3. Nishimura S, Kohmoto K. Host-specific toxins and chemical structures from *Alternaria* species. Annu. Rev. Phytopathol. 1983; 21:87–116. doi: 10.1146/annurev.py.21.090183.000511 PMID: 25946338
4. Kusaba M, Tsuge T. Phologeny of *Alternaria* fungi known to produce host-specific toxins on the basis of variation in internal transcribed spacers of ribosomal DNA. Curr. Genet. 1995; 28(5):491–8. PMID: 8575025
5. Rotem J. The genus *Alternaria*: biology, epidemiology, and pathogenicity: APS press St. Paul; 1994.
6. Simmons EG. *Alternaria* themes and variations (236–243): host-specific toxin producers. Mycotaxon. 1999; 70:325–69.
7. Roberts R, Reymond S, Andersen B. RAPD fragment pattern analysis and morphological segregation of small-spored *Alternaria* species and species groups. Mycol. Res. 2000; 104(02):151–60.
8. Andersen B, Krøger E, Roberts RG. Chemical and morphological segregation of *Alternaria alternata*, *A. gaisen* and *A. longipes*. Mycol. Res. 2001; 105(03):291–9.
9. Saha D, Fetzner R, Burkhardt B, Podlech J, Metzler M, Dang H, et al. Identification of a polyketide synthase required for alternariol (AOH) and alternariol-9-methyl ether (AME) formation in *Alternaria alternata*. PLoS One. 2012; 7(7):e40564. doi: 10.1371/journal.pone.0040564 PMID: 22792370
10. Wolpert TJ, Dunkle LD, Ciuffetti LM. Host-selective toxins and avirulence determinants: what's in a name? Annu. Rev. Phytopathol. 2002; 40:251–85. PMID: 12147761
11. Slavov S, Mayama S, Atanassov A. Toxin production of *Alternaria alternata* tobacco pathotype. Biotechnol. & Biotechnol. Eq. 2004; 18(3):90–5.
12. Tsuge T, Harimoto Y, Akimitsu K, Ohtani K, Kodama M, Akagi Y, et al. Host-selective toxins produced by the plant pathogenic fungus *Alternaria alternata*. FEMS Microbiol. Rev. 2013; 37(1):44–66. doi: 10.1111/j.1574-6976.2012.00350.x PMID: 22846083
13. Tanaka A, Shiotani H, Yamamoto M, Tsuge T. Insertional mutagenesis and cloning of the genes required for biosynthesis of the host-specific AK-toxin in the Japanese pear pathotype of *Alternaria alternata*. Mol. Plant. Microbe Interact. 1999; 12(8):691–702. PMID: 10432635
14. Miyamoto Y, Masunaka A, Tsuge T, Yamamoto M, Ohtani K, Fukumoto T, et al. Functional analysis of a multicopy host-selective ACT-toxin biosynthesis gene in the tangerine pathotype of *Alternaria alternata* using RNA silencing. Mol. Plant. Microbe Interact. 2008; 21(12):1591–9. doi: 10.1094/MPMI-21-12-1591 PMID: 18986255
15. Johnson RD, Johnson L, Itoh Y, Kodama M, Otani H, Kohmoto K. Cloning and characterization of a cyclic peptide synthetase gene from *Alternaria alternata* apple pathotype whose product is involved in AM-toxin synthesis and pathogenicity. Mol. Plant. Microbe Interact. 2000; 13(7):742–53. PMID: 10875335
16. Yakimova ET, Yordanova Z, Slavov S, Kapchina—Toteva VM, Woltering EJ. *Alternaria alternata* AT toxin induces programmed cell death in tobacco. J. Phytopathol. 2009; 157(10):592–601.
17. de Hoog GS, Horre R. Molecular taxonomy of the *Alternaria* and *Ulocladium* species from humans and their identification in the routine laboratory. Mycoses. 2002; 45(8):259–76. PMID: 12572714
18. Pryor BM, Michailides TJ. Morphological, pathogenic, and molecular characterization of *Alternaria* isolates associated with *Alternaria* late blight of pistachio. Phytopathology. 2002; 92(4):406–16. doi: 10.1094/PHYTO.2002.92.4.406 PMID: 18942954
19. Dang HX, Pryor B, Peever T, Lawrence CB. The *Alternaria* genomes database: a comprehensive resource for a fungal genus comprised of saprophytes, plant pathogens, and allergenic species. BMC Genomics. 2015; 16:239. doi: 10.1186/s12864-015-1430-7 PMID: 25887485
20. Hunt M, Kikuchi T, Sanders M, Newbold C, Berriman M, Otto TD. REAPR: a universal tool for genome assembly evaluation. Genome Biol. 2013; 14(5):R47. doi: 10.1186/gb-2013-14-5-r47 PMID: 23710727
21. Parra G, Bradnam K, Ning Z, Keane T, Korf I. Assessing the gene space in draft genomes. Nucleic Acids Res. 2009; 37(1):289–97. doi: 10.1093/nar/gkn916 PMID: 19042974
22. Delcher AL, Salzberg SL, Phillippy AM. Using MUMmer to identify similar regions in large sequence sets. Curr Protoc Bioinformatics. 2003:10.3. 1–.3. 8.
23. Holt C, Yandell M. MAKER2: an annotation pipeline and genome-database management tool for second-generation genome projects. BMC Bioinformatics. 2011; 12:491. doi: 10.1186/1471-2105-12-491 PMID: 22192575

24. Ashburner M, Ball CA, Blake JA, Botstein D, Butler H, Cherry JM, et al. Gene ontology: tool for the unification of biology. The Gene Ontology Consortium. Nat. Genet. 2000; 25(1):25–9. PMID: 10802651

25. Kanehisa M, Goto S. KEGG: kyoto encyclopedia of genes and genomes. Nucleic Acids Res. 2000; 28 (1):27–30. PMID: 10592173

26. Boeckmann B, Bairoch A, Apweiler R, Blatter MC, Estreicher A, Gasteiger E, et al. The SWISS-PROT protein knowledgebase and its supplement TrEMBL in 2003. Nucleic Acids Res. 2003; 31(1):365–70. PMID: 12520024

27. Thon MR, Pan H, Diener S, Papalas J, Taro A, Mitchell TK, et al. The role of transposable element clusters in genome evolution and loss of synteny in the rice blast fungus *Magnaporthe oryzae*. Genome Biol. 2006; 7(2):R16. PMID: 16507177

28. Hu J, Chen C, Peever T, Dang H, Lawrence C, Mitchell T. Genomic characterization of the conditionally dispensable chromosome in *Alternaria arborescens* provides evidence for horizontal gene transfer. BMC Genomics. 2012; 13:171. doi: 10.1186/1471-2164-13-171 PMID: 22559316

29. Li L, Stoeckert CJ Jr., Roos DS. OrthoMCL: identification of ortholog groups for eukaryotic genomes. Genome Res. 2003; 13(9):2178–89. PMID: 12952885

30. Ronquist F, Huelsenbeck JP. MrBayes 3: Bayesian phylogenetic inference under mixed models. Bioinformatics. 2003; 19(12):1572–4. PMID: 12912839

31. Grandaubert J, Lowe RG, Soyer JL, Schoch CL, Van de Wouw AP, Fudal I, et al. Transposable element-assisted evolution and adaptation to host plant within the *Leptosphaeria maculans-Leptosphaeria biglobosa* species complex of fungal pathogens. BMC Genomics. 2014; 15:891. doi: 10.1186/1471-2164-15-891 PMID: 25306241

32. Zu T, Verna J, Ballester R. Mutations in WSC genes for putative stress receptors result in sensitivity to multiple stress conditions and impairment of Rlm1-dependent gene expression in *Saccharomyces cerevisiae*. Mol. Genet. Genomics. 2001; 266(1):142–55. PMID: 11589572

33. Verna J, Lodder A, Lee K, Vagts A, Ballester R. A family of genes required for maintenance of cell wall integrity and for the stress response in *Saccharomyces cerevisiae*. Proc. Natl. Acad. Sci. U. S. A. 1997; 94(25):13804–9. PMID: 9391108

34. Rosett T, Sankhala RH, Stickings CE, Taylor ME, Thomas R. Studies in the biochemistry of microorganisms. 103. Metabolites of *Alternaria tenuis* auct; culture filtrate products. Biochem. J. 1957; 67 (3):390–400. PMID: 13479395

35. Hertweck C, Luzhetskyy A, Rebets Y, Bechthold A. Type II polyketide synthases: gaining a deeper insight into enzymatic teamwork. Nat. Prod. Rep. 2007; 24(1):162–90. PMID: 17268612

36. Fischbach MA, Walsh CT. Assembly-line enzymology for polyketide and nonribosomal peptide antibiotics: logic, machinery, and mechanisms. Chem. Rev. 2006; 106(8):3468–96. PMID: 16895337

37. Khaldi N, Seifuddin FT, Turner G, Haft D, Nierman WC, Wolfe KH, et al. SMURF: genomic mapping of fungal secondary metabolite clusters. Fungal Genet. Biol. 2010; 47(9):736–41. doi: 10.1016/j.fgb.2010.06.003 PMID: 20554054

38. Price MN, Dehal PS, Arkin AP. FastTree 2—approximately maximum-likelihood trees for large alignments. PLoS One. 2010; 5(3):e9490. doi: 10.1371/journal.pone.0009490 PMID: 20224823

39. McGinnis S, Madden TL. BLAST: at the core of a powerful and diverse set of sequence analysis tools. Nucleic Acids Res. 2004; 32(Web Server issue):W20–5. PMID: 15215342

40. Blin K, Medema MH, Kazempour D, Fischbach MA, Breitling R, Takano E, et al. antiSMASH 2.0—a versatile platform for genome mining of secondary metabolite producers. Nucleic Acids Res. 2013; 41 (Web Server issue):W204–12. doi: 10.1093/nar/gkt449 PMID: 23737449

41. Yun CS, Motoyama T, Osada H. Biosynthesis of the mycotoxin tenuazonic acid by a fungal NRPS-PKS hybrid enzyme. Nat Commun. 2015; 6:8758. doi: 10.1038/ncomms9758 PMID: 26503170

42. Akagi Y, Akamatsu H, Otani H, Kodama M. Horizontal chromosome transfer, a mechanism for the evolution and differentiation of a plant-pathogenic fungus. Eukaryot. Cell. 2009; 8(11):1732–8. doi: 10.1128/EC.00135-09 PMID: 19749175

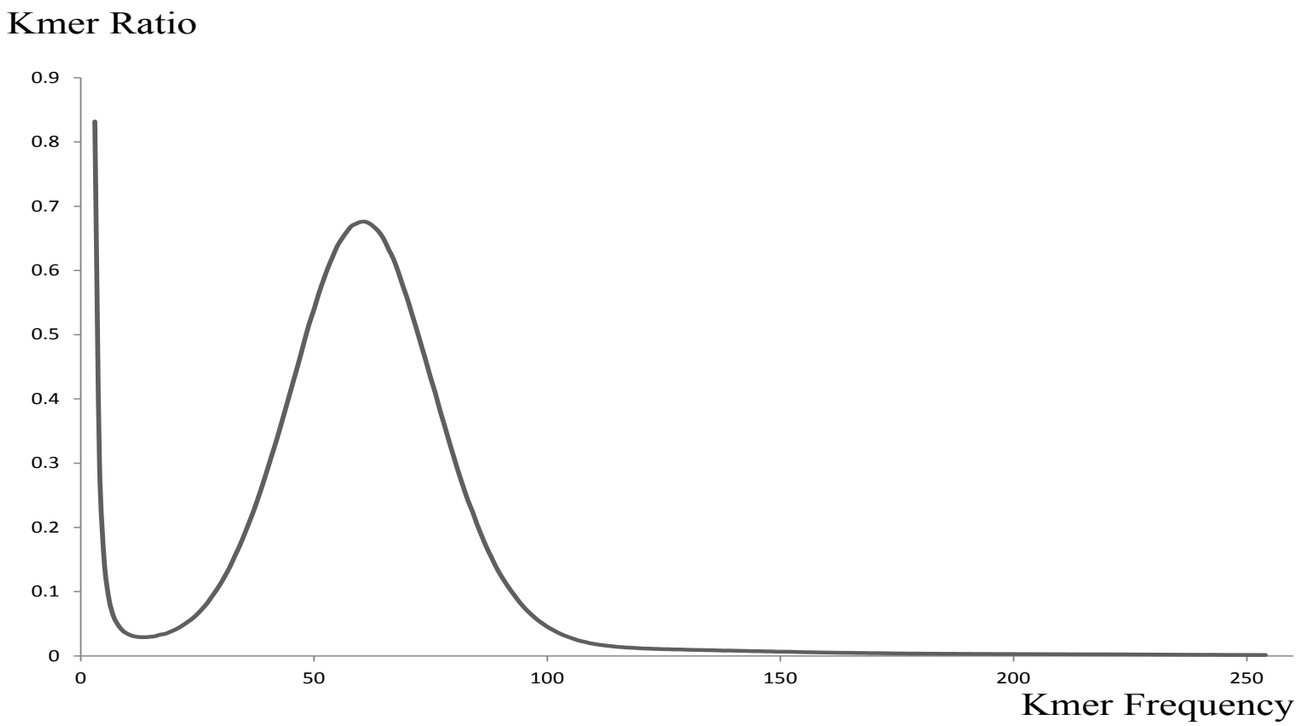
43. Winnenburg R, Baldwin TK, Urban M, Rawlings C, Kohler J, Hammond-Kosack KE. PHI-base: a new database for pathogen host interactions. Nucleic Acids Res. 2006; 34(Database issue):D459–64. PMID: 16381911

44. Ma W, Berkowitz GA. The grateful dead: calcium and cell death in plant innate immunity. Cell. Microbiol. 2007; 9(11):2571–85. PMID: 17714518

45. Cantarel BL, Coutinho PM, Rancurel C, Bernard T, Lombard V, Henrissat B. The Carbohydrate-Active EnZymes database (CAZy): an expert resource for Glycogenomics. Nucleic Acids Res. 2009; 37(Database issue):D233–8. doi: 10.1093/nar/gkn663 PMID: 18838391

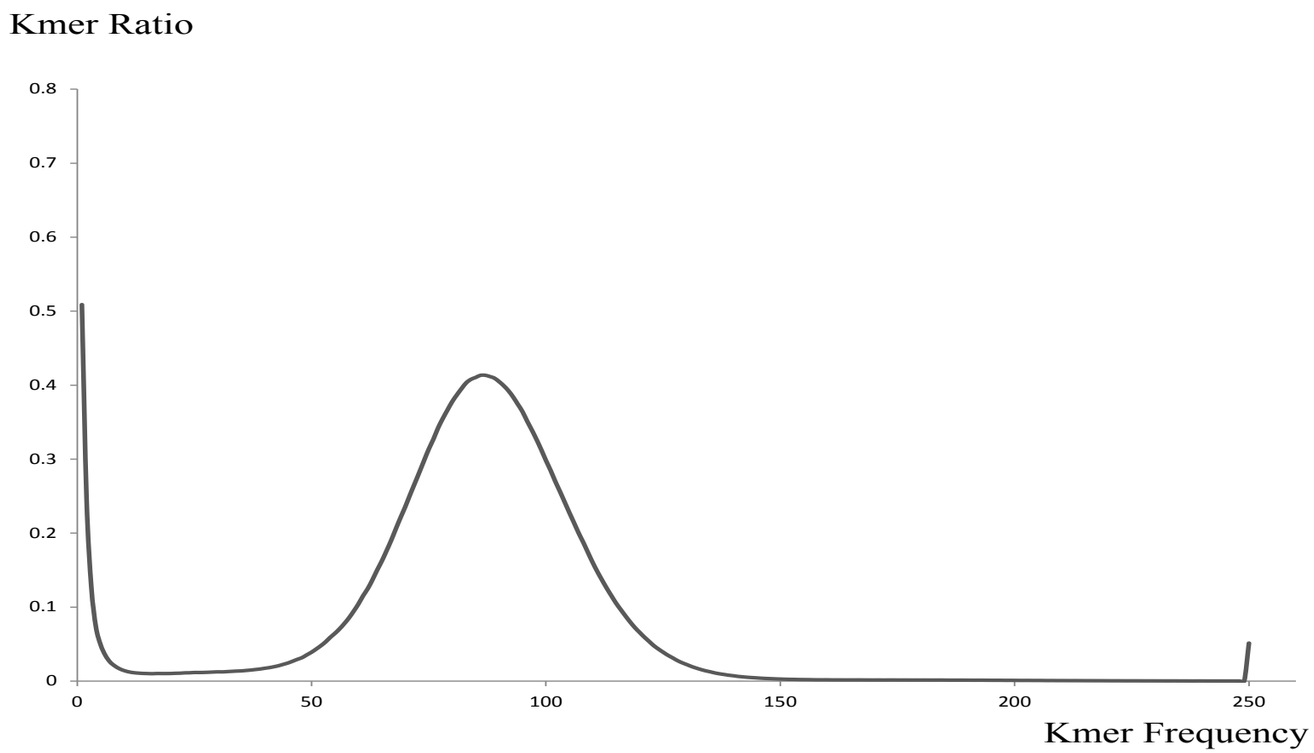
46. Yin Y, Mao X, Yang J, Chen X, Mao F, Xu Y. dbCAN: a web resource for automated carbohydrate-active enzyme annotation. Nucleic Acids Res. 2012; 40(Web Server issue):W445–51. doi: 10.1093/nar/gks479 PMID: 22645317
47. Walton JD. Deconstructing the Cell Wall. Plant Physiol. 1994; 104(4):1113–8. PMID: 12232152
48. Ospina-Giraldo MD, Mullins E, Kang S. Loss of function of the *Fusarium oxysporum* SNF1 gene reduces virulence on cabbage and *Arabidopsis*. Curr. Genet. 2003; 44(1):49–57. PMID: 12845476
49. Staats CC, Junges A, Guedes RL, Thompson CE, de Morais GL, Boldo JT, et al. Comparative genome analysis of entomopathogenic fungi reveals a complex set of secreted proteins. BMC Genomics. 2014; 15:822. doi: 10.1186/1471-2164-15-822 PMID: 25263348
50. Petersen TN, Brunak S, von Heijne G, Nielsen H. SignalP 4.0: discriminating signal peptides from transmembrane regions. Nat. Methods. 2011; 8(10):785–6. doi: 10.1038/nmeth.1701 PMID: 21959131
51. Emanuelsson O, Brunak S, von Heijne G, Nielsen H. Locating proteins in the cell using TargetP, SignalP and related tools. Nat. Protoc. 2007; 2(4):953–71. PMID: 17446895
52. Krogh A, Larsson B, von Heijne G, Sonnhammer EL. Predicting transmembrane protein topology with a hidden Markov model: application to complete genomes. J. Mol. Biol. 2001; 305(3):567–80. PMID: 11152613
53. Stergiopoulos I, de Wit PJ. Fungal effector proteins. Annu. Rev. Phytopathol. 2009; 47:233–63. doi: 10.1146/annurev.phyto.112408.132637 PMID: 19400631
54. Doyle J, Doyle J. Genomic plant DNA preparation from fresh tissue-CTAB method. Phytochem Bull. 1987; 19(11):11–5.
55. Chu TC, Lu CH, Liu T, Lee GC, Li WH, Shih AC. Assembler for *de novo* assembly of large genomes. Proc. Natl. Acad. Sci. U. S. A. 2013; 110(36):E3417–24. doi: 10.1073/pnas.1314090110 PMID: 23966565
56. Boetzer M, Henkel CV, Jansen HJ, Butler D, Pirovano W. Scaffolding pre-assembled contigs using SSPACE. Bioinformatics. 2011; 27(4):578–9. doi: 10.1093/bioinformatics/btq683 PMID: 21149342
57. Tarailo-Graovac M, Chen N. Using RepeatMasker to identify repetitive elements in genomic sequences. Curr Protoc Bioinformatics. 2009; Chapter 4:Unit 4 10.
58. Jurka J, Kapitonov VV, Pavlicek A, Klonowski P, Kohany O, Walichiewicz J. Repbase update, a database of eukaryotic repetitive elements. Cytogenet. Genome Res. 2005; 110(1–4):462–7. PMID: 16093699
59. Price AL, Jones NC, Pevzner PA. De novo identification of repeat families in large genomes. Bioinformatics. 2005; 21 Suppl 1:i351–8. PMID: 15961478
60. Xu Z, Wang H. LTR_FINDER: an efficient tool for the prediction of full-length LTR retrotransposons. Nucleic Acids Res. 2007; 35(Web Server issue):W265–8. PMID: 17485477
61. Benson G. Tandem repeats finder: a program to analyze DNA sequences. Nucleic Acids Res. 1999; 27(2):573–80. PMID: 9862982
62. Jones P, Binns D, Chang HY, Fraser M, Li W, McAnulla C, et al. InterProScan 5: genome-scale protein function classification. Bioinformatics. 2014; 30(9):1236–40. doi: 10.1093/bioinformatics/btu031 PMID: 24451626
63. Nawrocki EP, Kolbe DL, Eddy SR. Infernal 1.0: inference of RNA alignments. Bioinformatics. 2009; 25(10):1335–7. doi: 10.1093/bioinformatics/btp157 PMID: 19307242
64. Edgar RC. MUSCLE: multiple sequence alignment with high accuracy and high throughput. Nucleic Acids Res. 2004; 32(5):1792–7. PMID: 15034147
65. Xu B, Yang Z. PAMLX: a graphical user interface for PAML. Mol. Biol. Evol. 2013; 30(12):2723–4. doi: 10.1093/molbev/mst179 PMID: 24105918

A



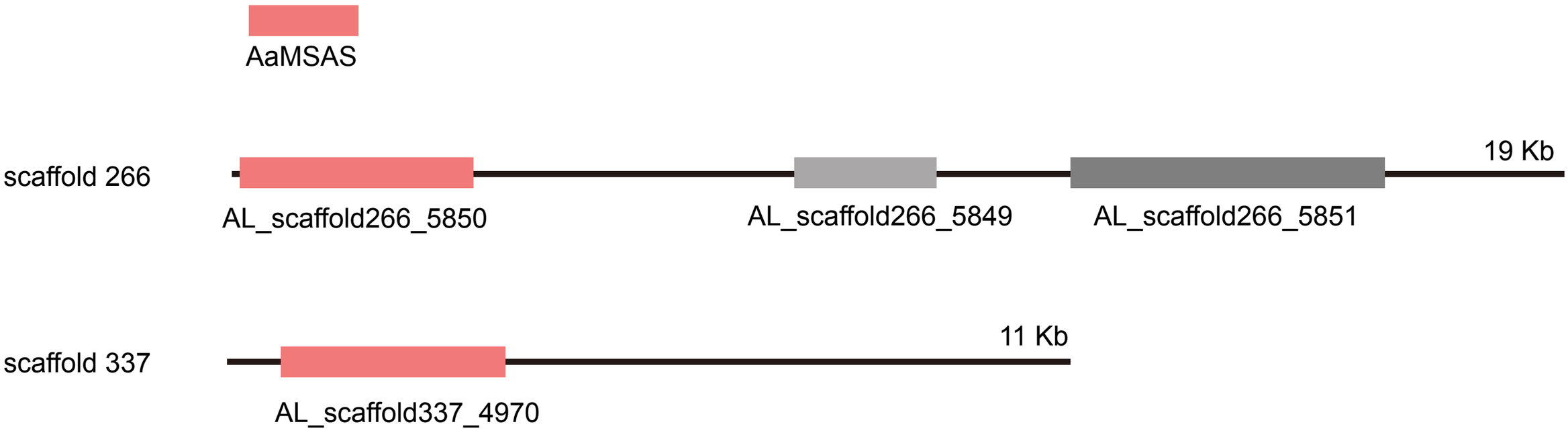
A. longipes
Insert length = 916bp

B



A. alternata
Insert length = 694bp

>Alternaria longipes its|size:554
AGGCGGGCTGGAACCTCTCGGGGTTACAGCCTTGCTGAATTATTCACCCTTGTCTTTTGCGTACTTCTTGTTTCCTTGGT
GGGTTCGCCCACCACTAGGACAAACATAAACCTTTTGTAATTGCAATCAGCGTCAGTAACAAATTAATAATTACAACTTT
CAA
CAACGGATCTCTTGGTTCTGGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAGTGTGAATTGCAGAATTCAGTGAAT
CATCGAATCTTTGAACGCACATTGCGCCCTTTGGTATTCCAAAGGGCATGCCTGTTCGAGCGTCATTTGTACCCTCAAGC
TTT
GCTTGGTGTTGGGCGTCTTGTCTCTAGCTTTGCTGGAGACTCGCCTTAAAGTAATTGGCAGCCGGCCTACTGGTTTCGGA
GCGCAGCACAAGTCGCACTCTCTATCAGCAAAGGTCTAGCATCCATTAAGCCTTTTTTCAACTTTTGACCTCGGATCAGG
TAG
GGATACCCGCTGAACTTAAGCATATCA
>Alternaria alternata its|size:516
AGGCGGGCTGGACCTCTCGGGGTTACAGCCTTGCTGAATTATTCACCCTTGTCTTTTGCGTACTTCTTGTTTCCTTGGTG
GGTTCGCCCACCACTAGGACAAACATAAACCTTTTGTAATTGCAATCAGCGTCAGTAACAAATTAATAATTACAACTTTC
AAC
AACGGATCTCTTGGTTCTGGCATCGATGAAGAACGCAGCGAAATGCGATAAGTAGTGTGAATTGCAGAATTCAGTGAATC
ATCGAATCTTTGAACGCACATTGCGCCCTTTGGTATTCCAAAGGGCATGCCTGTTCGAGCGTCATTTGTACCCTCAAGCT
TTG
CTTGGTGTTGGGCGTCTTGTCTCTAGCTTTGCTGGAGACTCGCCTTAAAGTAATTGGCAGCCGGCCTACTGGTTTCGGAG
CGCAGCACAAGTCGCACTCTCTATCAGCAAAGGTCTAGCATCCATTAAGCCTTTTTTTCAACTTTTGACCTCGGATCAGG
TAG
GGATACCCGCTGAACTTAAGCATATCA


AaMSAS
scaffold 266
19 Kb
AL_scaffold266_5850
AL_scaffold266_5849
AL_scaffold266_5851
scaffold 337
11 Kb
AL_scaffold337_4970

>scaffold45|size199330|Alternaria longipes cx1
GCGCAGCTTACTAGTGGAACACAGTATGACTTGCGGCTGATTCAGCCACGAGGGATTGGG
CCAATGGCAGCTGATCGACAAGCCTAATCTCGATTCGGCCTGGAGAATCCTTCTCGCTGC
AGCGACCCAGCCCTTGAACTCGAACGCTATCCGTGCGCCAGAGACATGATTACGACCCGT
GGACCCAATTGACGGCCAGATGTCTGGCGGAAATGCACCTTCGAGTCTACCATGAATCGC
AAATTACTGAGCCGTCGAGCCAATACACCCTCAAGACTCGTATGTCAAATCATCTACTTT
CCAGCCAATGGGTGGGTATTTTGCAAAATTCGGCTCGTCAGGCTTCTGTCAGCTTGACTG
CGGGCACCAGCGACAGCAGACCACGCGGACATGTCGTTTCTGCATAAGACCGTCAGTGGA
TGATGGCTCATCGATGATTACGGCTAGCAAGCCACAGGGCTAGACCAATGGGAAGCCCAA
AGCACCTTTTTGGCGCCTACACCGGCATGTAGTCGACTAGGATGCAAATGGCTTTGGGCA
TATCTCAAACGTGAGGGGACGCAGCCATCAAGGCCTACGGAGGCGATCATGGAGACAAAG
GGCTCCAGGGCTCGCTTCTGCTGCAGGAACCAGGCTTGAATTTGGCCCGGCTCCTACAAG
GGCGGTTATGGCGCCGAATGAGAATCCACCAGTCTACAAGCCCAAATCTCTTCTGTTCCG
GCTGCTCCTTCTGACGGAGACTTGTCTCAAGCTGCGCGGGACGCCCAGATGCTGACGAGA
CTGCTGAGCGTGGCAGCTTTGGATTCACCAGACACTCAGAGCGTCGCCGAAACACTAATC
CCCACTAACTATCTGCTATACTGTCGACCAGATATCCCGGTCGTCGGCTAGCCCGTTTGA
GACTTGAACATGGCGGCGACGAATACAGACATGCATATGCTTCAGGAAAGACCAGCGGCA
CATCACATCCCTCAGCACCAGCCGTCGTCGCCTTCCCACTCTCTATCCTCGCCGTCGCTC
GTCGAGAGTATTCGCAGCCTTCGCGACGATTCGACGCGCCCACACAACGTGCCGGCCACT
GCGGACGAGCAACACCAAATCCGAGCACGTCGCAAGCCCGTCCCGAGTCCGTTGTACCCA
GCTGGCAATAACGGGCTCTCATATCAGCAGTTGTCCTATCAAGACTCACCACGCTTTGAC
GAACCGCGCAGTCCGCGCGAGAAGCTTGACGCATTGCTTGCGGAGGAGCAACATCATACC
TCGCCCATCCGCCCAACCAAGCCAGCGCATCCGCCTACACCACCCAACGTTCCCACCCCA
AATTTCACGCAGCCTTCGAGGCCGTCTGCGTATGCAAAACTCCGGCAGGTGTCGTCACCC
ACGCTGTCCTCGGCTGGAATTTCCCCACCAGCGTCACCCGTCACCATGCCTCCACCATCG
CGGCCGAACCGACCTGAGACGAGACCGACGGTGCCTGTCCGCAACCCTTCAATAGATTCA
GCAGCATCGTCGCTATCTTCGACTGCCTCTCAGAACCGCCCTCCTGCCAACCATGCGACG
CGACCGTCGCAAGATACGAGCACGGCGAACCCACCAGATATGGCCGCTCTGATAGCCACA
GCAGGCTCACCAGAGGCTGCGATGCTGGCGTTGTGGAAGGAGAAGCAGAACATATCCAGT
CACAATGCGCAGCTCTGGCGGCTGGTCGAGAAGCAACGGTCCATGATCATTGGGCTGCAG
AAAGATCTCGAGCGCGCATTGAAGGACAAGGACCGCTACCGCAGGAAGTTCAAGGAGTAT
GCCGAACAGGTACCACCAGGTCCTGGCTCACTACAGAAGTCCGACACTTTTGACTCGGTC
GTGGAACGCGAGACTAGCCAGTCGCCAGCCCTCAGTGAGCCAGCTGGCGAGCCCGCTAGG
CCCAGTGACTCCAAAGCCGGGGAGCACAAGACATCGCCCTTGACACAAGAGCACCCCGCG
CCACATCTCATACCAGACTCGCAATTAGCGACCTCGCCGTCTCACTCCACCGCATCGAAT
CTGTCGTCAGCCGTGAACTCGCCCACCGACTATTCCGTACAACCCCTTAGCCTTGGTAGC
AAAGGTCTCGGCCTCGACGCCACATTGCTGCAGCCCGGTGATGCTGTTCAACCTCCAGAA
CAGGCCTCGAAGCCGACTACGCCTCCCCAGAATAACTCAGATGTGACGATAGTCCCAAGT
GATTCACAGCTCCAGCCTCCACAGATATCGCTGATCCAGGCCACGCCTGTCATTGGTGGT
GACGGTTTCGAATCACCTCCCAGAAAGACTCCACAACCTCTGCGCAAGGCCCCGCCAGCT
CCGCTCAACCTCTCGAAACCCATTACGACTAGCGCACATCTCCACCAAGCTGTGCATGGC
GACGATGTTGATTCAGACTACGATGATACATTGGAAGTGGACGAGATACCTATTGTGGAA
CTGCGGGGAAGGAGGAAGACTCGGGAGGAAGATGATCGAGTCCGCGAAGCTATGTATTCG
AAAGACGAGGAAGCTAGAAGCAAGTCAAAGAAGAAGAAAAGCGAAAGCAAGAGCAAACAA
CAAGCGACCCCATCTGAAACACCAGCAGACGATCAACCTCAGGCGGTCCCGGTTCCCCTT
TCGCCGCGTCAGTTCAATGCGCTGCAATCGGGCCTTCCACTCTCTCCCCGTCACCCACCT
GCCAACTCTCTAAATGCTCTTCTCAGCCCTGCCAACTCGGATAGTTCTATGATGGCCAAC
CGGAGTGTTGCATCGCCACTCATGAGTCCAGGACTTCCTTCCAGCCCCAGACCTACTGAT
AGGCCACTAGGGTCACCATTACCAAGAAACCCTAAGCAGTCGATAGCATCACCGCCCATG
TCGCCAACTACCACCAGTCAATCAGCTGGACGGCCGGTACAGCACCAAGTTCCTCTCCCG
CCAAACACACCTCAGTCTTACCAGTCACCTCCAGTCAACCAGAGTCAACATTCTAATCAG
CTCCGCAAAGAGTCGTCTACAGGCCTCTTGACAGTACCAGGTGCGCAACCTAGTCCAGAA
TCGCCATCAAGTAGCCCTACCTTGAACGATGTTCCAGATGCAGAGCATGTCTATCGTGGA
CTCGTCTCTGATCAGTACCCTGGACTCTTGCTCCCTCCCAACGCACTACCTTCTATTCAA
GTCAAGGTCTTCTCGTCCCGCCTTCGGCCGTCACGTATGAGCATGCTAGCTCCTAAACCA
CAGGAGGAGGACCCTGTCTTCATTCTCGCCGTCTACGCTCGTTCAGACAACAAACAGCTA
TGGCGTGTGGAGAAAACGATTGCTACGCTACCCTCTCTAGACTCTCAGCTGAGGTCCATG
TGCGATTTCCAGGGACAACTCCCAGATCGTGGTCTTTTCGGGGGTCATGCTCCTGCCAAG
ATTGATGCTCGAAGGGTCGCGCTGAACCAATATTTCGATACTGTTCTGGAAACCCCTATG
AACGAAAAGACAGCCTTGATTGTGTGCGAATATCTTTCCACTGATGTCATTGGTGCACAA
GCTGGTGACAGACTGGCCCCCGAGCCCACACCGGGTCCAACGGTGTCTGTTCAGAGAACG
CAGCGCAAGGTCGGTTACCTTACTAAGCGTGGCAAGAACTTTGGGGGCTGGAAGGCACGT
TTCTTCGTTCTGGACGGCTCGGAGTTTAGGTACTTCGAGGGCGAAGGTGGTGCGCATCTG
GGAACGATCAAGTTGCAGAATGCACAAATTGGGAAACAGTCACAACAGCAGTCAAACCAA
TCGCCACAACGAAAGGATGACTCCGAGGACAATCAATATCGACATGCCTTCCTCATTTTG
GAACCAAAGCGGAAAGACTCGACAAGCTTAGTTCGCCATGTGCTGTGTGCAGAGAACGAT
GAAGAGCGAGATGCTTGGGTTGAGGCGCTTTTGCAGCACGTCGACATACCAGATGAAACT
TCACCAATCGAGATTCGTGTCCCCTCTGCCACACGTCTACAAAAGCAACAGGCCAGTCAA

GACTCAACGCGCTCGCAGCGGAGAGACAGCCCTGATGTGGCAGAGCAAGATCGCTTACAA
GGCCTCAGCTATGATGACGCCGTTCAAGCTCAAGCGCCTGTTCGCGGTCCCAACCACAGA
GACATGATGGTGGAAAAGGCTTCACGAGGCTCCCCCAAGGAATCATCCTTCCACCAAGAC
AACTCAGGTCACTATCCTGCCATCTCTGGACCCAGCAATGGAACCCCAATCAAGGACTCT
GAAAGCTGGGGCAGCAAGCTAATGGCGGGACCCACGGCAGTCAAGGATAAGAAACGCAGC
ATATTCGGCTTCCGAGGTCGCGGCGGTTCTTCCGACCTTGCGCCAGTACAAATCAGCACC
CCACTGCAGTCAACCACGGAACATCGTCTGCCCCCGGGCCGCAGTGTTTTTGGCATCCCA
CTTATGGAAGCTGTAGAGTTCACACAGCCTGATGGAGTCAATGTGGCGATACCAGCTGTC
GTTTACAGATGCTTGGAGTACCTTCGAGCAAAGAAGGCGATTAGCGAAGAAGGCATCTTC
AGGCTTAGTGGGTCGAACATTGTCATCAAGGGCCTACGCGATCGATTCAACAACGAAGGC
GATATCAAGCTGCTGGACGGGCAATACTACGATGTTCACGCCGTTGCGTCGTTACTGAAG
TTGTACTTGCGAGAACTACCGGCCTCTGTTCTAACTCGGGAACTGCATCTTGATTTCCTC
AAGGTTCTCGGTAAGTATTTGGCCTTGAAATTGATGGAAATAGATAGTTCGCTAACACAT
CGTAGACATGGACGAGCGTAGCAAGAAGATTCAGAGCTTCAACGTTCTTGTACACAAACT
CCCTAGGCCCAACTTTGAGCTGTTGCGACACCTCGCATCGTTCCTGATTGAGATTGTGGA
CAACTCGGGAGTGAACAAGATGACAGTGCGAAATGTCGGCATAGTGTTTGCACCAACTCT
GAACATCCCAGCTCCGTTGATATCTTTCTTCCTTACTGATTATACCGACATTTTTGGTGC
TGCTCTTGACGAAGCCAGCTCTCCGATCCACGAGATTCGGAATAACACGTCTCATTTAGG
TGACGATGCTATTCGATCCCCAAGGAGGCAGATGTTTTCTGATCTCCCAACGCCTGCGTA
CAACGAGACAACGTTCCAGCAGCGTATGGATCGACCGCCTCAAGGCTACCAAGGAAACAG
CGCTCCCAACTATCCACCTCCGCAACCTCCACAGCAATATCAGCAACAGCAACAGCAGCA
ATACAGTAACCAACAACAGCAGGGTCAATATAGCGGCTACGACTCAGGCTTCATTCCGAT
GCGCCCCAGCTACGATACCCCAGCCTACGATCAACCTTATAATTCTGGCGAGGGCTACGG
TAGCTTGAATGGAGTGGTACAGTCGAGTGGAGCGCGCGAACAACGGCAACGAAAACGAGA
GAGTGGCATGCTCCTCATGAACATGGGCATGGGTGGCCAACGCAAAGGCTCGGGTGGACC
GAACGCGCAACAACGCGGAGATGGACGATACGATCCACGAATGTACTCGCAAAACAACAC
GCCCAACCCCCTAATGGTACGAGAAGAAACGGCATTCGACTGAGTTGAAGCAAGCCTCGG
ACTCGGACTAGGCCGGCGAACAACGAACAACGATACATGAAGGGATGTGTATACCAAGAT
TTGTGTTTAATTTTTGGATTCTTAATTCAGGACCACGGACTGGATCTTTGGTTTGACTTT
GGGCTTGGTTTGGTTCTTCCTTTGTTTTTCCTGCGCATGTCTTGTAACGGAGATATTTTC
CCCAGCGATACCAGGCGTTTTTATGGACAGGGAAAGCAAACAAACGACTCGCGAGGAGTT
GTGTGTCTGCTTTTTCTCTGTGTCGCATACCCCATCGCCCTCTTCGGATTATTTGTGCGG
CAGCTTGGCTTTGGCTTTAGCGTGGCGCTTTTTTGCGATGTGTTTTTGGTTTCTACCTTC
GCTGAGATATCCTGGTTACTTTTTTGTTACATGTTTGGCGTGGACATGCTAGATGAGGAT
TCTTGTATTGGGCATCTGAGCGGCTGGTTGGCTATGCAAGTAGAGTATCTAGCTACTACA
GATGGAAAACGAATTGAATCTTGCAAGGACGTTTGAAGTCATGGTGTTTGTGTCGTCGCG
ATGAAGTCTGTCTGCAAACGTGTGAGGTTCGTGATGGGATGGCGTCGAGCGATATGCGTT
GGTTCGGGGGGCTAGCGGCTGAGCTTGGGCGTCAGAGGCGCATTCGGGACATGGCCGCAT
CTTCCTCCTTTGCGATTGACGTATTTGCTTGTTTGAGACACAAGTCTGGCGGTACAGGGA
TAGCAAGCCAGGTCGCGAGTTCAGGCGTCATAGGACCAATCCCATCCCACAGCGCAACCA
GCACAGGCACGACTAGTGGAACCAGACACAGAGCACCCAGAGCTAATCCCCGGATCGCGT
CACAGTCATGGACGACAAGCCTCTGCCTCTGCGCGCCGACGAGCCCGACTCTCGAAACAG
CCTACGACACATTCTGGCCGCAGACCCCCAAATGGACGACTCCAAGCCCGACGCATCCCA
AGCAAACACGCCCGTCCCCGACGAGAGCGAAGCGGGCGGCGATGCGCCAGATGCCTCGCG
CCCAGCCAACGACAACGACCCTGCCCGGCCCTACTACACGGCCACGACGACGACGACGCG
CCGCAATGCCAACGGGAGCGTGTCGTCCGTCTACAGCGGGAACAAGATCAAGCACCTCAA
GAAGGACGATGGTATTCCCCTGTGGCGCAAGGACATCCAGTTCGACTTCCTCAAGCTCGT
CTTCGAGGACGACAAGCGCGTCTTCACCAAGCAGTCGGACAGCACCAGCGGACACACCTT
TGCCGACATCTACCTCGATGCCATGGCCAAGAGCAGCAAGTGCAGCAAGATCCTCAAGGA
CAAGCTTCTGACCGAGCGCCCGGCTGCCATCAACATGGCCATGGTGTGTCTGCTCGTCAA
CGTCGGCCGCATGAACACCACACTCAACTGTAGGCCACATGTGCGACTCTTGACACCTCT
CCTCTAACATGTCACAGTCTTCCCCGAAATGCGTGCCCAGCTACGGACCTACCACTCCAT
CCCCTCCCTCCAAGCCCACCAAGACCCCAACGCCTACAAACAGCTGCAGGATGCGCCGCG
CTTAAAGTCCATCCTCAAGGGCGCGACTGAGGACCAAGAGCAGCCCAGCACCATCGAGGA
GATCATGGCAGCTTCCATCCCTCGCACCAACCCCGTCAATCTCATCTTTGTCCTGTCGCA
ATACGCGCCCAAGATCTCGGAGTTGCACTTCTTCCCGCCTCGCGATTTCTTCGACCTCGT
CATGCGCTCTAACCTGAGCAGCAAGAGTAGAGCCACAGCCTTCCTATGGCTCATGTGGTG
GTATCTCGAGAGCGACTTCACCAAGGAAGCCGCCGAGAAGAATCCCTTTGGCCCTGGCCA
GATGGGACCCGCCGACGACCCGACTACAGCCGAGTTTCCCATCAAGTGTCCGCCTTTCGA
GATACTTTCGCCCGAGCAAGAGGCCCTGGAGAACGTCGATTCGGTCGAAGAGAAGACATT
TGGTGAGATTAAGCGCAAAGAGAGGACTGCTATATTGGCAAGCGACATGGCGCCAGTCGT
CACAGGCCCCAAACGGACCAACAAAAAGGGTGAGCACTCCAACCGGCATGCGTTTCGCCC
CACGTCGGACCAATTCTAACATTTCTCAAGGCTTCAATCAAAACCCCGTCTTCTCAATAG
CCGCCGATGACGGTGCTTCGACACCTGGGCGTGACAGACAGTCGCCATCCCATGGTAAGT
CCCATAGATTTGACTCCTGAGGCGGTACTCTTCTAACATCAATAGGCTCTGCACGAGGAC
GTGGCAAGCTTGCCAAATCCATCATCGAACGAGATTACCCCTCAGACACCGACCGAACCC
GCTCAGCATCACCTCCTAACAGCGTCTACAATACAGCGAAGAAGGTGGCTACGCCCAACA
TGCGCATAAATACCCTCCTTAACGAAGACGGCCCCGCCTCATCTCCCGCAGCCAAGGGCC

CTGGCCGCGGGAACTGGTCCCGCAACCGCACATCAGGCATAGGCGCCGGAGGAACACCAG
CAGCACGAAGCTTCAAGACCAAACTCGACGCACCAACCTCGCAAGACGGCCAATCCCCCT
CTACATCTGCGCCCACCTTCAACGGCCCACACGGCTTCTACCTCCCACTCAACGGCTCCG
ATCCGTCGCACAAACGAACCCGTCCCCTCACACAACACCAACTCGCCGTCGAGCAGTACC
GACGACGGCGCGTAGACGTCATCCTCGACCGCGGAATTCGCATCGAATACGCCGCCGCCG
CAAAACGCCGCCGCAAAGCCAACCCCTTCATACGCAGCTGGATCCGCTGCAAAGGCATGG
CAGATGGCTACGATACAGACGAAGAATCGCATGCACAATACGCCCAACTCTCCGACTACG
AACTCGGTACCAAGACCCCGCCGCCCATGCCCTCTGGTCTCGTTCCCTTGGATTTTGGCG
GCGAAGTCAACGACCACGGCGAGGAATCTTACTACCGCGCCAAGATGCTTAGTAGGGCAC
TGCGTCGTCTAGATCGCTGGGAAGGAGGTGGAAAGAGTTGGTCTAGAAGGAGGCTCAAAG
GGGAGAGGGGCATTGGGCTACCAGACGATAATGAAGGGCGACCTGTTATCGGCAGTGAAG
ATGAGGATGACGAGGACGAGGATGGCGACTTGATGGATGTGGATGAGATGGAGAGGAGGG
AGGCGTTAGAGGATGAGAGTGCTGAGGATAGCGATGACGATGTTGATATGGAGGGTGAGA
GGAGGTGGGATTCTAATACCCTTCCACCTTTGCCTAGGATGGCGTAGATTATTATGTGGG
TCTCTTGGGCTGTTCCAGTCTTGGTTTCTTATTCTTTTTGCAGGACGAGGAGATTTCGTG
TATCAATATGTTGGATTGGGAAGCATGGCGTTATGTGTGACATGTATGGCTGTCGGAGGA
TTTTTCACCAGCAAAATAGAATGTTTTACCCGGTGTGTTTTGTTTGTTATGACATTCTTT
CTGGAGCTCGTTTATGAGAGAGAAAGAACGGACCATAGTATCTTATGGTTTCATTCGTGG
CTGTAGTATTTTATATACATCGACAACCTCGAACAAAGAGTACTGGGCTAGTAGAATTGG
AGTTGGCATCAATCAAGCACGTGATGCTTGATCCGTTGATTGCACCGTTTGATACCCTGT
GGACTGGTGGCAAGATACTGTTAAGGCGAGGATCAGGAGCAGAGAGCACGAAGCATGGTG
TTGATAGTATGCCTCACTTCGATCATTCCCTTATCTCCTGGATCACAATATGTATCACGC
AAAACTGGAGGTTCAACTCGGCAAGCATGCAGCAAATCAATTTTACTACGCTAGGACTAA
AGCCAAACTAAACGTCCAGTGGTATCATCACGATGAGGATTAGCGAATAATTTAACGTAT
GAACTCCCCTCCTCCTTCGTCTCTTATGCTATCTTGACTCTCCCACCTTTCAACACCCTA
CTCCCTTGCACTCCTACAACAGAACACTCCAGCCGACCGTCTTCGCAGATCGCTTGAACT
CGAAGACAGCGACCACGACGACACCGACGGACGACTTGGACCCGGACGCGGATCCGGCCC
TGGACCTTCCTAAGGCGCAATCGTATAAGCATTCCCATGCTCATTATCGCCACCAGCGTT
TGCATGCCCATTGGAGGCATAGTTCACATGGCCATTAGCCAGCCCATTCGTATGTCCGTT
TGTAAGCCCGCCCGTGGTGGCATGGCCATTCAGTCCATTAGCAACAACATCCTCGCTATC
GTAATGTAGACGCAGACTTGTCGGAATGGGACTCTCCTTTGAATTAGAATCAAGATAATG
CCGCATCGTGATGCCCGCGAGTTTATGCTCGGTAACGGTAAAACGTCCTTGCTTACCGGG
TGCGCGACGTACATTTGGCAGTTTGAACACTTCACGAAGCGTGGCAGCGAGAGAGGGGCC
GACAAGGCGCGCGCCGAAGCAGAAATGTAGACCATGGCCGAGTAGAGTGTACTCTTTAAA
TGATCGGTGGGGATCCATGATCTCAGGGTTGGGGAACGCAACGGGGTCCATGGCAGCCTT
GGACGTGGCAATGAGGATCGTGTGACCCTTTTTGATGGACACTGGGCCACGGACACCGTC
GTTGACGGTGATGTCTCGGGTTGCAACGCGAGGGAGACCAGGAACCACGCCTACATGGCG
CATACCCTCGTAAACGAAACCTTGTAATTCGCGGTCCGATTTTGCGGGATCCATGTGCGA
CAGTTCCACGATTCGCGCCTTGTACTTTTCGTACCCGGGCGAGAGGAATAGGTCGATTAG
CAGACTGGCTTGCTGGGTCAGATTTCCGGCCACGGGTGCTCCCATGCCGATACAGTCGCC
TACCAAGTCGCCAATGGGCAGCTTGGTGTCGGCAAGGGTGTGGTAGATGCGGTCGGCGTG
TGGACCCACTTCAAAGGCGGAGCCCTTGGCCATCCAATCTACTAAGCCTTCAAGACGCCC
TGTCTGTGTCTTCAGGTGGGTTTCGAAGATCGAGCGAAGTGGTGCTGCGGCCTGCATCGC
GCCTGCTCGCAGTTTCCACTCATTGTGTGGCATTATGTTGAAGGATTGGTACATGACTAG
CAGTTAATTAGCCGGCTGTTCGTCATCGGAAATGGCTGGTGTTGTAACTTACATAGAACA
AGATATGCGAGAAACGCTTCGTGGATAGAGAGTAACCCTCTAGGTTGCTCTTGTGTCTTC
AGCGGAAGTGCAAAACGCTCTGCAAGCCAGAGGATTGGCGTGATGTTGGTAACATCGCGA
ACAATGTCGATACTCATTCTGCCCTTGGCGCCTTTAAGTGAGTTCTGCCTGATGAGTTTC
CGTACGTTGGTCGTGAAGAACTCATCGATGTTCTTCTCAAAACCCTCCTCGAAGAAGACC
TTATGCAGGATTTTGGACCGCTCGTCATGCTTCTTTTGCTCGTCCCATCCGATCATGAAG
TCATGTCCAGCCGTGCAGTTGCGAATAGCTGCCTGGTACATGACAACAAAGTTCTCACGG
TCCTCGAACACTTTCTTGCAACCTTCTTGCGTCTGGACACTGATGATGTCGTAATCGCTC
GGAGGGCGCCTGAGATCATACTGTTCAACCACCTTATTGCCTGTCAGAATCTCTTTAGCT
GCTTTGGGCGTGTAGAAGGGCAGCAGCGCGTAGCTGGAAGTTCCTTTGAATCCACCTGGA
AGACCCTGGAAGAGCAACTTGGGAAATACGCCGCCATATGCTCCTGGTGTACTCTCTGAC
AGCAGAGCCGCGCCCCACTGCGTAAGAGTGTTACTGTTGAAGTCGTAGCTCAGGAAACGG
TCACCGCGGACTAATGCAACAGCATCATCCAAGATACCTCGACCAGTTGTCTGACCGGGA
CAAACGCCACTTCCTGGCATAGCGGGCTTCGTGCACTCAGCCATTAATCCCGGGTAGAGT
TCCATATTCTCCATATGACCATACAAAAGCTCGGCTGCCCGCGCCGTCTCTTTGTCAGAG
CACCAATCCTCGAATGTTTCGTACGGCTTCAGATTAAGATACCGACGGAATTCGTTGAGT
GTGCAGACATTGAACATCTCACGGGCTTGTAACTGACCCATGAGATCGACAACCTTGAGA
CTGGCTGGGGTACCATGAGCACCAAAAGCGTGAGCAGGTTCTTCGATGCAGTCTTTGATC
AGCTCTGAGAGTTGAGCATCGTTGAATCTGCCATCGGCTCCTCGCTGAAGGCCTCCGAAG
GTCCATTCCCAGGGCTTCTTGTTCATCAAGTCGTGACCGTACACCTTCATAACCTTGTGG
AACATCTCGATTGTTACATCGTCGATGTGACGTAAGTCGGGGAAAACGGAACGGATGATT
TCTTCCATCCAATTCTCGTCGGCAGCACTGAGAGCAGCATGCCAGTGGTAGAGAACAGCG
AACTCCACGGATACATGACTGCCAGTTCCGCGCTCGACACGTGTACCACCTTGTTTGATC
TCTTTACCGAGATCGAGAGACCATTCTGAGTTGGCTCGTGGGGTGTTCAAGATGGCAGCG

ACGTAGTCTTTCAATACGACTGAAGCAAAGAAGCCAACGTTGATATTGCGAGTAATCTGG
AAGATGTCCTCGTCTTGCCTAACAACGTGTCAGACCCATTTAGGGAGTGGAAGGTGTTTA
AGACTTACCATTTTCTGCCCGCTTCGTCTAAACTATCCCACGGCTTATATTTGCCGTCCT
CGTTCACTGACAGTAATGATTCCGCAACATGGTTGTGGTTCCTCGAGAACATCATAAGTA
CGGCGACTACACCAGGAGGCATCATCATGATGCGCTCCGAGGCGATAGAGTCTGGATATA
TCAGGCCATTCTTGTATGTTCGCACGCGCGGCTGCTCTTTCTCTGTGTTGCCGTACAAGG
TGCTGAGGTCAACATAGCTCGAAGTCTCGTTGATCCAAGGGTCTGTCCTAGAGGTTTGGA
AACATTCGTGAATGACGATAGTTGCGAAAGAGAAGAACAGGCGATTGAGGCCAGAAGGAT
GCTCGCGGAAAGGCCTATCGCGCTTGAGGAGCGCCTCATACACGTCTTCAACGTCGGGCA
AGTTTGGTCCTACAAGTAGTTGTCAGTCCCAATTCGCAAGTCTGTCGTACAGGAGGATTA
CTTACCTTTCGGTTTAGTCGGAGGCACGTTGCGCGCATACGGCGATCCTGCCTTGCCCAT
TTCAGGGTTGTGAGGATTGTTTCCCGAGCCATCGTGCTTCCGGTATCTTGCTGAAGGTCC
AGCATGTGTAGGCGTTGGGTGGGGCAAGTCATTCCAGAGCATGCTAATAAAACCGTCTGA
GACTTTTGCGCTGAGACCGCTGTTCAGAGGCAGTCCCTGTAGCATCTGGACTCCCTTCTC
GAGAAGAAGATCTTTATCGTCCAAAGGCTCGCCTGATGCCAATGTTGTAATAGCGTCGAG
AGCGAATTTGGCATCCTTAACACCGAGACCTCTAATGTCGCTGACAATGCCAGTCTTCTG
GTGGTTCTTCAGCCCGCTCGCGGCTTCCGCCGTTCTGCCATCGCTTGCTTGCGTAGGCTT
TCTCCTGATCTTTCCGATCAATGTTTGTATCTGACTAGGCATGATGAATAGTTGTGCGAA
TAACCATGTGGAAAGGAAGGGAATGGGCAGAATATGAATCCCACGACGGTAGGGAAGTCA
GAAAGTAAGTTCAATGCAGCTTGCTGTTGATCTTGGAAGGCGCAATGCTCCCCACACGAG
AGCTTGGCCATGGCAAGCAGCGACGAGCCAGTCCCATGACGACGATCGCTAGCAGCTTCG
GTGTGTTGATCAGCATATGCACTTGGCGAACAGTGTCCTACGGCTTTTAGTGAGGGCGGG
TGAACCCATGCATGCACCAGGGCGGAAAGAGTAGCGTCTTGATCTTGATATTGTCAAAGC
TTTGATAGCTGCAATTATGTGAGTGTTGATTGGTCATGAGCTACTTTGTGGAGGGTAGCA
CTAGACGGATGCTGGGCTACCTTCACTGGGAACTGACAGAGGGGTGTTGAGTAAGTCCAA
GAGACGATCTGTGGGCAGCGTCGATAGGACCCACAGCGTAGCAGCACCATTGGCCCCATT
GGGAATGGAACTAGAGAGGCCCACCTGTGATGATCCGTGGATGGTTTTTGTAACATCACG
AAGCATGCTCAAAAGAAATGTGTATGCCGCACGGGTACACCTGCCACGTTTCAGGCTTCA
GCACCCAGTGATTGTCTGGGGACCCGTTGTGGTATGATTTTGGTAATCTGATGCCAGACT
GGATGTGCACTTTTGCGCAGGTGGCGGTCGACGACGTGATAGACAGAAACGGCGACCTGA
TCTTGCGACCATTCCAAACAGAGACGTAGACGAAAGCCATAGATAAACTTTCAAGCGATC
GGCATCCTGATTGAGCAGCCTTCGGCTGAGTAGTAGAAGAAACCCCTACCATCCCTCCCT
ACACAGCGGAAAACCCGGTGGGCCGGAATAAGCCAATCAGACACTGTATTAGTTCGAGAT
TTCGGTTATCTCTGCATTTCTATTGGCTGTTTCCGGCCCACCGGGTTTTCCGCTGTGTAG
GGAGGGATATTAGCGCTTGCGGGCCCGGAATTGACCGATCCTATTTCCCGGCGGCTGGTC
GCGCATTCATCTGCTAGCGAGTGAACAAACGAAATGGAGTTTCAGCTGATGCGGTGGCGG
TCAACAACTGGAGCGCGAGCTTGCAAATCTCCGAGCAGGGTGCGGTATCGAGCTAAGTAC
TAGCATCCGCAGTCTGTGGCCTACGGCCTGTCCCGAAGCCGTAAGGTTTACTGTTCGGTT
CATCCAAGACGCCGGTGGTGGTTGCGATGAGTGGGAAGTGCGATCGATAGTCGAGAAGAC
GGGAATCGAGACGGCTCTGCACGGACCATGACCCACAAGTGATCGCTAGTAGGGTAGCGC
CAACCACCTCTAAACGACGCGACGTGCTTTTCCAGCTCATATGTCGGCGAGCAGACCTAC
ACCAGCAACTATCCTCTGATCGGCACAGCTGTGTTGAACGCGCACGCTTATGAAACCAAT
AGAAGTTGACACGATTGTGATTCCCTGCACCGCACTCAGCATTAGCTTGCGGGGCTTCTC
TGTCGGAACGCGTATCATTGCGTGCATCGGTTACCTTCAGCCAGGATGGTGGCCGGAAAA
CGACATTGGCTCAATTGCGGTGAAAGGGTTATCCAGATTTCTTTTCACGATCAACTACGG
TAGAAGACGGGGCAGCATGCGGTGCATCTGTCGTGTCTCCTGTCAGCCAACGCTGCAACA
TATGTGTTGCTTCCACATCATCTACATAGATACTTGAAGCGGGGGCGTGGAACAGTGCAT
GGTAGCTAGTTCGTATCAGCCATTCCAAAATCAATGACCTCTGTAGGGCGGACGGCACTT
CGAAAAGATCAGCGGCCCCTGATTAGCGGCGGGACTACTCCGAACCCACCACACGCGACA
TCGACATGTCGATAGGCGAGTGTCTTTGCAAGCTGCATTAGCAATGGCGATCAATATCTT
AACGTGACTTGATGCGTTCGGAAGCTTTGGGAACAGGCCGGAGGGGAGCATGCGTCAGTT
GTGTTAGGCCACTGCATCCGATCCCCGCGATGATAGAAATCACTTGGCTACCTAATGCTT
CGCAACTGCTTCGTTCTAACTACGAAGTTGCTACCATCTCAGAATCCCCTTCCTGCTCGA
GTTCCACGTTGTCAGTATGGCGCGTATAAACCCAGAGCAGTCACGCCTCCCTAGCGTTTC
ACCCCAGCTTCCCGCACAAACACCTAACAACAACCCTATGGATTACGGAGCAGTATCGCG
ACGTCCGAATCATGTGACCAAGAAATTTGTCCTGTGCTTTGATGGTACAGGTAATAAGTT
CTCGGGTACAGATTCGGATAGTAACATCCTGAAGATTTATCGCATGCTCGATCGCAATGG
GGACGATCAATTTCATTACTATCAGCCCGGAATCGGCACCTACGTTACGAAAGCCAATGG
ATCTATGACCCGAACAGGCCGATGGGAGAGGTTTCAGTCGTGGTATGCGAAGGCAAAAGA
CAGCGCGATAGGTATGTTCGATCGGACTTGGCTGCCAAGCATGAGACCTAATCTAGTATA
GGAACTTCATTCGACCAGCACGTTATGGCAGGATATAAGGTTAGTAATTAACTGCATGAA
ACAGAGCAGCAGCTCCGGTTGCTCGCTTGAAGGAGCAACCATGGCGCATAGCACTGACAC
GCTTTGGACAGTTCCTGATGAGATACTATACGCCTGGCGATGACATATTCTTCTTTGGAT
TTTCACGAGGTGCCTACACAGCTCGTTTCCTTGCGGAGATGCTCGACCATGTTGGCCTTC
TCTCTGTAAGCGCTTGTTCACCATATATCAAGAAGTTTCTAACATGCAACAGGCTGGAAA
TGAAGAGATGTGCCAGTTCGCATGGAAGTAAGTACAGCCTGAAGTCATTGTAAAACCCTC
ACTTACACTTTTGGTCAGAACATTTCAGAAGTGGCAATGTCGATTGCCGGAAGAGAAGGG
TAGCAAAAGCCGCAAGTCCGGCGAGAAATCAGAAAAGCTAAAGCTTCTTGAATTCATGTG

CGCGTTCAGGGAGACATTCAGCCGCCCTGTAAAACCCATACGCTTCCTTGGTCTTTTTGA
TACAGTCAACAGCGTGCCTGCATTCGAGAATGCATGGATGCAACGCAGCAGGTTTCCGTA
TACTGCAAGAAGCAGTGCGAACGTAATACGTCATGCGGTCTCTATCGATGAACGGCGTGC
AAAGTTCAGACAAGATCTCATCTCCCAGGAGAAGCCAGACAGATCAATGCTTTACAAACA
CCGTCATCACAAGCATCGGCAGCAAATGAAGGATATGATCCACAGTGATCATGAGGATCA
TGATTACGACGAAAAGGATCACGAGGAACACCAGGATAGAGGTCGGCGGGACACGTTAGC
ACCGCCTGAGCGATTCAGAGATCCACATGAGACTTCAGGCGTGCGCAGCCGTAGCGCAGA
CCGCTCACAACCGGATGGTGTTCATGGCTCTGCTACTCCTTCAATGCGATCGTACGACGC
AGCAGGAACTTTCAACTCTCAAGACGAGGATGGCGAACAAGACATTCAAGAAGTCTGGTT
TCCAGGGTGTCATGCAGTGAGTGCATTTTACCTGGGATAGACCTTCAAAACTGACAATGC
GTAGGACATTGGCGGAGGATGGCCTCTCGATGACGATGATGCAGCCTTGAGTCACGTAGC
GCTGGTGTGGATGGTGCGCGAGGCTCAAAAAGCTGGTCTCGACTTCGACGAAGACAAGTT
GGAGGCCCTGAGCTGTTGCCATGAGGAACCTACAACCACCGTTTTGCGAGCCCAAAACAA
CATACCGATGATTGCGATTGATCCTGCATCGCCCTCACCAGTCATTCCACGCAAGAATTC
GGATGCGCCGTCCATGGATACAGCAGGCTACACTGACGACGACAACATACTTTCTCATCA
CCGTGAACACCCGAACACACACTTCCATAAACACCTCCACAGCGCCGCAACTAAAGGCCG
TATCCATGATGTTCTCCAGTTCAATAATGGCGCCAACCGTACGGGCGTCGTCTCGTGGAA
CATAATGGAGTATCTACCCTTTCGACGTATGGATCTACAAGAAGACGGAACCTGGAAAGC
AATCAGATGGCCTTTGCCTAAAGGCGAGACCCGTGATATACCCGCCAATGCCGTTATCCA
CAGCAGCGTGATTAAGCGTATGCGCGCAGACCCAACCTACCGTCCTGGCAATCTGATAGT
AGGTGGTGGTGGGAGAGGTGTCAGGCACGCACCCAAGGACATGGGTATGGGTCAATGGGT
TGTCGCTTGTGATGAAGGCCACCATGTAGGCGAGTGTTTCAAGCGCAGACACCCACCTGA
GAGGACAAAGACAGACGAAATGGAGCAGCCTGCGTGTGATGGTGGTATGCAGGTAAACTT
CCTCTGATCGTGAATACCGAGAAGGCGGAACTAATTTTCAGTAGGGAAATTACTTTGCTG
GCCGCAAGAAGTCGACTGTCATGTAGACCAAGACACTAGTCCTATGCGCCGCTTCTACCT
AGATAGTCCCTGAACACTGCTTCCAATTTACCCCGCTTTTAATCTGGACGTCTTGAAGCC
GGTGCTCTTCGCTTTCGATGGTGTCATATAGTGAAGTGTGTTATTGAAATTATAGTGACG
TGCATGCCGTACGGCCTCGATACATGACCATTTGTATTGTCTTTTCAAATCTTCACTCAT
CTACCTAACATCTTTTCCAAGGAACCTTGTGCTCAAGCCTTCTGCGCATCGTGACCCCAG
TTCTTCAAACTCTTATAGCTCTTACTATCGGTGTCTTTCTTCGCCTTCTCTTCTTGCGCA
AGATGCCTCTTGCAATATGCTACTACCTTGCGCATGTGATCGATGTCTTCCTGGTCGTAT
TTACTAGCTTCTTTCTTTGGATTCTTCTGCAAGATGGCAACAATTTTACGGCCTGAATCA
TGACCGATTGTTTCGCCGGAGCCGTTATCCTTGGACCTGTAGGCACCTTAGAGACTGTGT
ATGCCATGCAATTCGCAATGTCAGCATTGCATTAGAAGGAGAGTTTACCAGCCGGCTCCC
TCGGACTCTTCGCTGCCGAGCCAGTCTTGTAGCTCATCTGCTGACATGTTGACAAGCTCG
TTGAATTCCCTTGGGGCGCCGTAAGCACTTGGCTTCGCCTCAGTTCACACAAGCTACTCA
CTCAATTACGGTTTCATTGTCCTTGACCATCTTGCTATGTGTTTAGGAATCGTGATAGGT
AGTTCGAAATGAGTATTGTCCAGGGTCTTTTTTGCAGAATATGCTGTCGACGTTTCCCTG
TTCGATATGCTCAATCCGCTCTTCAGCGTCGCGATGTCATGACATCACGACCACGCCCTA
GCGCTACTGATGGCGCTCAGCCCTGGGGCACCAAGAAACGGTCGCACGTGACCTAGCGGA
GCGCGTCGCGTCTCGCAGTTGCCATGAATGTCTTTCACGCAGCCAGACATTGGCGCAGGG
ATATTGGCGCAGGGATATTGGCGCAGTAAAAGACACGAAGACTGCATCAAGCCGTATCGT
CTCGCCGCGTTCTCGATGCAGTCTATACTCCCTTCCGCACCGGAAGCTGGCGACCTCTCG
GGTGCGCTAAACTGTATGGAGCGGAAAACTGCGAGAGTCAGGTCCGAAGCAATTTTGACG
TTGGACTGTGTCAGCTATAAATCCAGCCGGAGGTCGCTGTCGTGCGAGAAGTTGCTGCAA
TGTTGGTTTCGTTGTTCCATCTCCAGCTTTCGTCTCCAGCTTTCGTCCCCAGTGCTTACT
ACTTAGTGAGAAGATTTCTCCAGTCTCCGCAGCCTCCGCAACCCCTTCTTCTCCTCACCA
CACGCAAGCTCCCCTCAAAGTTTTCACACCCACTCCGCGATGTGGGAACTACCGAGATTA
CGGCCTCACTTTCTCGTCCGCTGCGGGTCGGACATGCCAAGTCAATGGAATGTTCTTAGT
GGCTTCCTTGAGCCTCATGTGGGCCTCCTGCACCAATCCGAACCAATCTGTCGCCGCAAC
CTGGCTTACGTTGCATCCAAAACGGGTCCCTCGCTATACCTGACCGGAGGAAGACTGCAA
GCGATCGGAGATTGCGAATCAAAACAAGCGCTGCGACAAAGCTTATGCCGGTTCACGCGG
CATTTGTTTAAAGAGTCGGAGGGATGGTCGGAGAGAGACTGGTGTTGAGGGTTGCACAGA
CCTGGATGGGGTCGTACACATCTCCATCATCCCCACTGCCGAGAGAATCTGTCGCATCTT
GAAGTGAAGTATCTTCACCGACATGGGCCCGGCCGAGGAATACGCGTCGTTGAGTCGACA
TCCACAAGTCACGCGACTATCAGTAGGTTCCTGGGGATCGGCTGTGCGGCACAACGGTCC
CTGAGGCTCGTCGTTGTATGCCATGCATCTGAATGCGGGGTGGGTGTCAGAGGCGTTCAA
GTCGCATTAGCAGAACGTCCTGTACAACGCCTACCGTCAGATGAGCATGCAAGAACACGA
TCCGATCTATGTGAACTCGAGGCTGTGTATCTCTTTGGGGGGACTTCCCGGAACGTCGGG
CGGATTTGGCTTGGCCGTCGAATCGCGACCAGCTTCCCCACATACACGCCCCTTGTCCCC
CAGCGGCTGCGTCGCATTGACAAGCCCACTACTGCAGTTTCAGACCCCCCGGATGACTTC
TGTTTGGCTGTGGAGGAGGACAAGCCAAGCCTGTAAGGCCGCTCGCGCGCAATTTCGCGT
GACGGCGTGGCGCGTATGACGTAGGGGCCCCGGAGTCGAAAGCTCGGCGCGATGCTGGGC
ATTACCGCATAACGGGACACGGGATTGGAATTGGCATCGATACTTAAGAATGGATGTGTA
CCGGACGAGTAACCCCATCTTGCCTTGAACATCAATCTTCCCGTGGTCAAGTCATCTTAC
AATCATGGGTTTGGGCAAAGTGTAGGTTTGGATCCGGTTGAAGTACGCATACAGTTGTGC
TAACTTTTACAGTGCTGTCAAGATACGCGGCGCCGAGTGCGGCATTGAAGCCATCATACT
TGGAGTGATTACTTCGATAGGTGGTTTCCTGTTTGGCTATGATACGGTATGTACCATATA

TGCTCTGTTTCCAATCGTTCGACGGCTTATTCAAGATAGGGTCAAATTTCTGGAATGCTC
ATCTTTGAGGATTTCATTCAGCGATTCGGACAGGACCAGGGCAATGGCGAGAAGGCTTTC
AACCCCACGATTCAATCCTTGCTTGTTTCCCTCATGTCCATCGGTACCCTCATCGGCGCA
CTTGCTGGTGCCTACACTGCTGATTGGTTCGGTCGTCGACGCAATCTGACCGTTGGTGTG
GCCATATTCGTTATTGGCAACATCATCCAGGTCACCGCGATGACCACTTGGGTACACATG
ACAGTTGGTCGCATTGTCGCAGGTCTTGGTGTCGGTATCCTGTCTATTGGCGTACCAATG
TACCAATCTGAAGTATGCCCTCGAGAGATTCGTGGTGCCGTCGTCGCATCTTACCAACTC
ATGATCACTGTTGGAATTCTCATCTCCAACATCATCAACTACGGAGTCCGCGACAACCCA
GGCGAGGATAGCGACGCTGCCTGGAGGATCGTTATCGGCTTGGGAATCGGCTTTTCCATT
CCTCTTGGTGTCGGTGTACTTTTCACACCGGAGTCTCCAAGGTGGTTGGCGGGTAAAGGA
CGATGGGAAGAGGCACGCATGTCAATGGCCCGTCTCCGAGGCCTTGTGCATGACCCCAAC
CACGAGCTGGTCAACTCGGACTTCAAGGAGATGGAGGATTCCATCAACGAACAACAGAGC
GCTGGACAAGGTACCTGGATGGAATGCTTCACTGGCCAGCCATCCGGCATTCCGCTTCTT
GCTTACCGAACCCTTCTCGGATGTGCTCTGCAATTTTTCCAGCAGTGGACCGGCGTCAAC
TACTTTTTCTACTACGGAGCGACCATCTTCCAATCGGCAGGTATTGACGACCCTCTCCAG
GTTCAACTCATTCTTGGTGCTGTCAATGTAGTCATGACCATTCCTGGATTATGGCTCATT
GAGCGAGTTGGTCGTCGTGTGCCTCTCGTTGTTGGTGGTCTGTGGCAAGCTGTCTGGCTG
CTGATTTTTGCTATCATCGGTGTCGTGCTACCGCCACAGGACAACCCGGCCGCCGGTATT
GTTATGATTGTCGCTGCTTGCATGTTCATCGCAAGTTTCGCCTCTACCTGGGGGCCTTTC
ATTTGGGTTATCATTGGAGAGACGTTCCCACTCCGCACTCGCGCGAAGCAGGCCTCTTTG
GCTACTGCTTTCAACTGGCTCGGTAAGCTATACATCTTCAACACAACAAATCTATTCACT
AACGCTCCATGTTAGGCAATTTCTTGATCGGTTTCCTTACACCGTACGCTGATGACGGTA
TCGGCTACGCCTTCGGTTTCGTCTTCTTCGCATGCAACTTCGTTGCGGCAGGTATCGTTT
ACTTCTTCGTATTCGAGACCAAATCATTGTCTTTGGAGAATGTCGATATCATGTACTCGG
ACCCAAGCATATCGGCTAGGACCAGTAAGAAGTGGGTCCCAGCTGGATACATCAGCCGTA
ACGAACGTGACGACACTTATTGGGAGCGTCGTCACAGTGCTGTTGGTGCTACTGGTGCTG
CTGCATCCGAGAAGGTCGGCGACAAAGATGTTGATACTTCGCCTGAGAGGGGCATGTCAA
CGCACCACGAGAGGGTTTAAATATACTCCCATGGTCAAATACAGGATATCTTTACCTAGG
CAGTCCAGGTTAGAGATGTTCTCGCACTGCCGCTGCCTTCTAGCGGCTCCTCCATTTTAG
CACTGCGCTACATACCGCCAAGAGGCGTACATAATTTAGACTTTATTCAATTCCAACACA
TTAACAATTCGCTGCCTTTGTGATGTGAGAAGCTCTTTTGCATTCCGGAAAGGTGCCGGC
ACAGCCACCCCTGCTAATTTTAGCGTGGCGCATGTCACAAACACAAGCGGCAACGCGTCA
GCTCCACGTCTTCTCTCCAGCCACTCTCCGCTTTCAAACAACAAGATACAGTGTCCTCGC
TCGTTTTACACTTCTGCCGCTCATTATCTAGGATTCTTTTCTGCCCAACTACGAACACTG
AAATACCGGAAGATACGAATACGGAGCTATGCCGCCAGCAGTACCACTTCACAACACCAG
CAACCTCGCCAAATTAGCGCGTCGGGCCCTGGTCACAGCGGGGCCGGCTGTCGCTTCGCA
GGCCTCGCATCACTTCGAGCGCCGCGGATTGAGTGTAAATCATACTCAAGGGGTTACGCT
AGGTGTTATTGCTGCATATGTTGTTGCTATTGCGTTGTTGTGGAATTTACCGTATGTGCG
ATGGGTGTTGTGGCCGTTCAAGGTATGTGCACCGTAGTAGCCCTAGGAGAAGATGGTCTG
GAATTGAGATCATCAGTGTGGTTGATGACCGGGTTCCTTGAGCTTGCAAAATCAGCATAA
CAGGAGACATGGATGGCTGATTGAATCCACAGATGCTAGTCATTGCCTTCCACGAATTCT
CTCATGCAATAACGTCTTGTTGTACTGGTGGGCGAGTAGAGTCAATCTCTCTTGATCCTC
ATGAGGGAGGTGTGACGCACATGCGCGGCGGCAAGCAATTCATTACTCTCCCTGCTGGCT
ACTTGGGGTCTTCATTGATCGGCGCTTTACTTACGTTCTGCGGTTTCAACATCGTGGCCT
CCAAAGTAGCGAGTATCGTGCTAGGCGTGTGTTTCCTACTGACATTGTGGTGGGCGAGAA
AAGACTGGTTGACGATTGTGACCATTCTGCTCAGTGTAGGGTTGCTTGTGGCGTTCTGGT
TCATCGAACATGGCGAAGCGTTAAGGTTCATGGTCGTGAGTACCCCTTCTCGTCCCTTCG
AAAACCGTCGAACTAAAAACTTTCCAGCTCTTTATCGGCGTCATGTCTTCTCTATACAGC
GTGTGGGACATCTGTGACGACCTCATCCTCCGCAAGGTTAATTCTTCTGATGCCAGCGTC
TTCGCCAAGCGGTACGGCGGTTCATCGCAATGCTGGGGCGTCATCTGGTCACTTGTCTCG
TTGATTTTTATGGTTTGCGGAATCCTCGCGGGGTTGGCAGCCTTCAAACAGAGTTTCGAA
CAGCAAGAGAAGGACAGTCAAGACTTTATTCCTACCGTACGCATGATGATGCGGGTATGA
GATTTGATCTGAGGATATGATATGGTATGGACGGCTAAAAATATGTATTTGGACGGCACC
TGGAGATCTGAAAAATTTGGTTGGCGATGATATACCCTTAGATGCGCGTAGTATTGAGCT
TTGTATCGCTCAGATCGTTTCACGACAGCAGAATGACATGATATTCACCTCTCAGTGGAA
AAAAGAACAGGTCCCTATGCGGATTTAGTTGAGCTAAAGAGTCATTCTCGTAGGGATGAT
GACTACCGCTGTTAGACCGAACCACAAGAAAAGCGGGGTGCAACTCTAATCATTATCACG
TGTCGAATATCCAAACCGCCAGCCACTTTCATCAGCAAGGCGTACATCCGCTCCATATCC
AATGCAGCTCCTTCCAGGCGTACTTCCAGTCAGGTTACTCTCTCTCTCTCAAAGAATCCG
CCAAACGCGTCCTTCAAAGCCTCCTTCACACTCTCCAACACAACCTTGTCCTCGCTATAC
TGTCTCTCAACTTGCAGTAAAAGCATGTCATAAACCGCGCGACCCATCTCATGGCTCTTT
CCAAGTGATTGCAACCTGCTCGTCAACACCGTCCATTGCAAGACCTCGTCTTCTTTTGCT
TCTTCCAGTTGCTTCTTCGCAAGCTCGTAATCTTCGTCTCGCTTCAACATCGCCTCGCGA
TAGGTATCAGCGTCCTTGCGAGACTCCTCTAGCTCTTCGTTGGCAATGTCAAGGGCACCT
TTGTGGGCACGGAGCTCGGAGGTTTGGTCGCGATACGTGGCTTGAAGAGAAGCGTGGGAG
GCGAGAGCAGCGTGGTAACGGTCGGTCAATCTGCAGCATTGAACACAGAGCAACTTGATC
TGGTTGCTGCTGTAGGCTGATTTGGCTTTCTCGGCTGTCAGCTCTTGTTTCGTTCTTTGA
AGTTCGGCCTTTTGAAGGAGAAATTCACGCTGGAGGATAGAGTGTGCATGAAGTTGGCGT

TTCTAGCGGAGGTTAATGACCACTCCAAACTTGGGTATACACGTCGCTGTCCATTTATTG
TATGTACTCACAGAAGCAATTTCAGTGGTGTGCTTTGTCTTTTTGGATGAGGGTTCTGGG
GACGATTCCTCTGCGGGCCGCTTGCTCGTTCTTGGATCTGTGGTCGGTACCATCAGGCCA
TGGGACTTCAGCAACGCGACTTGTCGTTCGAGCTCGGTCACGTTGACTCGATCGCGGCTT
GGACTCACTGGGCAGTGCTGCTAGTAGTTTGTAGAGCAAGGTTGAAGTTGGTGCGAAATA
GACCAAGGCACAGAGATGCAAGATATACGTGCGCCAGTTCTTCATCTCTAGGTGGCTAAC
AATTGATCATGGGTCACATATCGAGTGGGTAGCTTTCAAAGGGGAAGTGAGATGTGATGG
TGGCTTGCTAGGAGATGACTAAAGCCAGGGTGAAGCGTTAATACTTGAGTTATAGCCAAG
ATGAAGGTGAAGGTGAAAAGTGCCCAATCGAGAGCGGCCTCGAGTTTCACAACCCAGAAA
AGCTGCCTGATAGAGATGTAGACGCTCTCCTGACGATGAGGAATCTAATGCAGTCCCACT
CCCTTCACTCCCTCAAAAAGCGCGTCCTCCCTGACTAATACGCTTCGACTCAGGTCCTTC
TTTTGCACACTCTGGATACCGCTTAAATGCAACGTCAGCTCCAGCTCACCCACCAAACTC
TTGAGTACATGCTCCACGCCCTTTTCTCCTCCGAGTGCCAGACCATACACGTATGGTCTA
CCAACTAGCACACAGTCAGCACCCAACGCCATTGCTTTCGCAATGTCAGCACCAGATTGA
ATCCCACTGTCAAAGAAGATTGTCAACTTGTCCCCAACAGCATCAACGATATGTGGCAAT
ACGCCCAAGGAGGAATTTCCACCATCAAGCTGCCTCCCACCATGATTACTCACAACAACG
CCCTGCACACCAACCTCGACCGCTTTTCTCGCATCGGCCAAGCTCTGAATGCCCTTGAGC
ACGACCGGCCCATCCCAGTGCTTCTTCAAGAACTCCACATCCTCCCAACTATGGCTCTCC
CCGGGGAAGATTGTCCTCATCCATTCTGGCGCCGCAGTCTCCATCTTACTCTCCACATCC
ACGTCATGCCTCTCCTTGAACTGTTTCCGGAACACAGGATCTGTCATACCGAGCTCCACG
CCCGTACGATCTGCGCGCATAAAGGGGTTGTATCCATTATCCATATCTTCGGGTCGCCAG
CCGAGGATATATGTATCTAGCGTCACGAACAGAGCTGTGAAACCGGATTTCTTTGCACGC
TGGAGTAGAGATATAGTAATGTCGTCGTGTTCGCGTGAGGGCCAGTAAAGTTGGTACCAG
CGTTGGCCGTCGGAGCCGTTGGCTGCGGCGGTATCTTCTATACTCGTGCTACTCGCTGTA
CTTAGGATGTATGGGATAGCTTCTTTGGCTGCGGCTTTTGCGGCGGCGACTTCGCCTTGG
GGGTTGAAGATCTTCAGTACGCCGACTGGCGCCATGGCTATGGGCGCTACCATTTTCTCG
CCGAAGATTTCGGTCGTCAGGTCAGGGAAACCCGTGTACTTTACTAAGCGGTTTGGCACA
ATGGACCATTTTCTGAAGGCATTGCGGTTTTTGTTTGTTGTTTCTCGTACTCCAGCCGAT
CCGTAGACGTAGCCTTTGGAGTCGGCTGATATGCGGCTACAAGCCAATTCTTCCCATCTA
TCGGCCTGGAATGTGAGTGGTGGGCGTTCAAAGTCTAACCCGCGTGTATATGTTTGCATC
TCATAGTCAACGGCATCTTGTTCTGGTTTGTGGTTTTGGAATTTGGGATGGTGTTGGGTT
GCTGTGGGCTCGGACATGGTGATGTGGTAGGATTCGGGTTGCCCTTAGGATTGAAGTGAT
GGAACCCGTCAGGTGAGAATGAGTGACGGGAGTACAGACAGAGCTATTCGAGTGGTGACA
GACGCTTACTGGAGCATAATGCACGTCACATCATGACAGCTTTACCGGATATTTTCGGAA
ACAAGGTAGTGCAGGGCCTAATGGCGCATCCCGCACCAGGGCAGTCTTGTGAAGCTTAGG
TGTGAGCTATTTGTCGACTATTTAGTGTACCTTAGTGGAGACACAGGATTGTGTTGTCTG
TTGGTGCATGTTGCGTCAATGGGTCTCCAGATGAGGGGGAGCATGACAGTGCAGTGACGT
CACGCGCTGTCATGGCAAAGTATGCCCAAGCAGAGGGACATGAGCAAGTGTGTACAAGCA
AATGGAGTAGGTGGGGACAGATGTCCGCCTGGTGAATCATTTCTATCCGTCTAATAATGT
GCCTCTATACCTCCAATCCATGATGATAGCGTGTGCAAAGCATGCAGCCTCTGCTTCGGA
AGAAAAGCGGGCGTCCCAAACTCCATCAATGCAAATATCGATCATCGCAGTATAACAAGC
AAGGCTAAATAAAACGTCTAAACAGCGACGCAGCCGCCGTCAATCTTCAAATGTCCACCA
GTCATGAACTTGCTGTCTTCGCTGACGAGGAATGCAACGACGCTGGCCACATCATCTGGG
GTGCTGAAGCGGTCGAGCGCAGTCTCCTCCTTGAGCTCTGCCAGCCTCTCCTTGTTCCAG
CCGTCCTTGTAGCCCTGTGTTTGGATGATGCTTGTGTGGATGGTGTTGACGCGGATGTTG
AGCGGACCAAGCTCTTCAGCGGCGGTAAGGGCGATGCCGCGCAGGGCAAACTTGCTGGCG
CTGTACGAGATGAGGTTGGGGAAGCCGCGAAGACCGGCGATGGAGGATCGGATGATGATG
GAGCCGCCGCCAGAGGTGGTCTGCATGGCTGTAGCAGCGTACTTGACGCCTAGGAATGCT
GGGGGGGTCAAGAGTCAGCGGGGGATGACGTTGTCGAAGAGACAGGGGAGTGACATACCA
GACTTGGCGTTGATGGTCATGATGCGGTCAAAGTCGTCTTCGGTGACGTCGAAGATGCTC
TTGGACTCGCCGCGATGGCAGCAGTTGAGCAGGGCAGCGTCGAGCCTCTCGAAGCGTTGC
ACCACCTTCTTGGCGCATGCCTCGACGTCGGGCTCCTTGGTCGCGTCGGCGACAATGGTG
AGCAGGCGCGACTCGATGGGCGAGCCCGTGGGTATGGCCGCCTTGAGGACGGGCACGGCA
GCCTCGAGAGCACCCTGGTCGATGTCGATGAGGGCGACGTTGCAGCCCTCGATGAGCAGG
CGGCCGGCAGACTCGACGCCCACCTTGCCGCCTCCGCCCGTGATCATGACGACCTTACCC
TCCAGGCGCTGGATGGGCAGCGGCCGTGTGAGGTTGGTGGACGTGGGCGCGCGCTCCATG
CCCGGCCGCGGGGGCTTGTTCAGGTTGAGGGTCGCGATGCTGGCGCCGGGCGTGCGCAGG
CTTTCGGTCGTGTTTGCTCGCTGCATGGTGGCGGTGGTGGTCAAGTCGGCCGTGGAA
GTCGTGATGGTGGGGAGGGAATCTTGTGCCGTCCAGCGGTTGCTTCGTGAGGATGTTGCG
AGGGCAGGGCTCGCGGGCACAGGGCCATTTTGCTATTTCTACGTGCCATCATCCCCTCCT
CACCGGACCCTTCTTTTCCCTCAAGATGACGTATCGCCGGGATTCCCTAGGCGAAACTTT
TTCTGCGTTGATCAAACACCGGATGCGCATCCGTTGAGGCTCTTGCTGGCGGCTGTACCC
ACTGCCCCGAAATTTTCAGCCAATGTCGCCCCTCGCCGGCATTTGGCCGCACCACCTGCT
CCAACTCTGGTGCAATGAGCGGTGGGACGTGTCCACTCCATGTTATCACTTATCGTACCC
CGTGTGCACGATTGTGGGTGATGTGGGCAGTACACATGCCGCCGTGTGGTTTTTGACCTG
CTTAGGGCGGGGTTGTAATCTAATCGTTTCCACCAGTCGCGCGAATCCAGTCGCGCCCAG
CGTGACATCGCCTCAGACCAGCGTCCCCAGGTGTTCGAACAAGGCGGTCAGGCACAGCGC
TATTACTGCCAAACGGGCAAGTAGTCCGGCAAGCTATCCATTTGTAACCTCCCAGCCCAG

ACGAACCGACTTCCCATCTCCAATCGCGTCGTCGTGACCGGGTAACGCGGATGATCAAGG
CAGCAGACAGAGTCTCCTGTGAAGAGCAGGATAAAGGGAACAACGAGTCGGGTGCAAAAT
CTGGCGCTGACATAGTGGATCAATAGCCGATGCTACAAAGACACAGAGTCATGAGCCGCA
TTGAAAAAAATGACAGCAAGAGACATCACCGCGGCCGGAATCAAGCATTACCAATTTCAG
GCAAGACAGGTCAGCAATGCTTGGGGTTCAGGGTTGACCATCAGCTTTTCATTCAGTCCT
CATACAAGGCGTCGCTCTCCTTCACCTCCACCCTGGACAGCACTTTGCATTCACCAGTCC
AGGAAGTAGTCGATACCATCCGCGAGCGCTGCCGCGCCTACTGCAGCATGATCACTGAAA
GGGTACTCATGTATGCTGATATCCCTCAACGCCGGACTATCCTCCAGCGTGCTGTATAGC
TTTTGGCTCAGATCCGTCATCCGCTGCGGTACAAGGATGCTCTGTCTAAAGGCGAACTCC
TCATCCGTTTCCGTCCGCCTCTGCACCAGGTTCTGTTCGAGCGCGCCATAGCTTATCTGG
AAAGCAGGCTTGGTGGCATTGGAAGTGTTGTTAGCCGAGGGCGAAGTTAGCGGTGCGAGA
AAATCCGTGTTGTTAAAGACGTAATCGTTGTTGAAGAAGAGTGCCGGGGAGGCGCTGAGA
AATGTATCGAAGAGATCGGGGCGTACGGTGAGAGCGTACAGGACGAAGAGGCCGCCAAAG
GAGTGACCGTAGAGCGCATCGCGGTCGAATTCAGCCTTTGGGAAAGCTGTTTCCTGGACC
CAGGGGCGGAGAGCAGTGTCGATGAACTCGATAAACTCATTGGCATTGGACTGCACGCCA
GGCACTGTTGGCAATGGGCAGCCGTCGCAGACAGGAGGCTGGAAGTCGTAGCTTCGCTGG
GTGCTGTAAGGCGAATCTTCAATGGTTTCCGGGTAGCCTATGCTGACGACGATACAGTCG
GGCATGTTGAACTCAACTGGACGACGGCGACGGAAAGCTTCCGTGGCAGTCATGCCGAGT
GCATTGCCATCGAGGACATACCTAGTAGTGGTGTTAGTACTTCTTTTCTCATGTTGCTAC
TGTAGTCCATTATGGGCTCTTACATCGTCTCCACAGTTGAGCTCTCCTCCTGCGATGTCC
AGTTCAACGGCCATGCGACTTGAATCTGATATTCCCAAGACCCGTTGGTCGCACTCCAGA
ACCCTAGGTTAGGCAAAACATTGGTAGGGAATTCGGTGACGAGGGGCGCAAACTGCCAAG
CACCAACTGAACTCATGATGATGGTGGTGATGAAGACGGACCGGTTTGTTCAGATGCAGG
TACCAGGGGATCAGGCTACCTATCGACTGGAATGCTTTTGGCTTTTGTACCTGATGGCCA
CCAGATTACTCGTCCCAGAAAATACAGACCCGAGGGGCGGGGAGCAAGCCCGTATCCTGT
GCAGATACCACGCCGCAATCGCAAGGGCCCCGCAGTAACTTTGCTCTGGTAGGTTAGCAT
AGACGCGGCATGGGATTCTAGTCCCGGTACTTACAGCTGGACATCCCGGCCTTATTGAAC
AATATATACATTGCCAAGACGGGGGATCATCCTTGATGATTCCGGTCTCTGTTCGCCTCT
GATATGTTATAGAGAAACTGGAGTATCTTACAAGACGATGTTAACGGAAGAAATCTCTCT
TGTGCTGAAGAGTCCAGGCTGCGTAATCGCGAATTAGTGCGATGAGACTGCGAGTCAAGC
AGCTGTCCAAGTGGATGAGGCGGGTCAGAAGGATTCACTATCTATGTTCTGGCTCTTGGA
AACCGAGGACTGTACATGTGCTGCACCAACGAGCCTCAATCCTCCTCGACGGAACTATCG
AACGCATGCAAGCCTTCATGCAGACTGTGCGCCACTGAAATCTCGATTGTCGTGCCTGAT
GCGAACGGCATATTCAGGAACAATTGGTCAAGATCGGTTACAGAAGAACTTGACGCTAGT
TCATGCGTCTAATCACATCGTAGTTGTGGAAATGGCATGATTAGGTTCACGATACACACT
GCTGTAGTTCGGAAGGATGACGCCGGATGAGCTGGGATTGCTATAGCCACGTGCTCGTCT
CCACCATGTCACACCCGCCCACCTTCGCAATTACCTCGGTAGCCCAATCACAGATGACTG
CGACATCATTTTCAGGGAACAGCAGCTACGATAGGATATCTTCCGTGTCATTTCTTACGG
AGAGAAGTCGGTTGGCGCCGCGCTGTGGGCTTACGACAAAAGTTTGTTAGTTGGCGTCAG
CGCATCGGGCCGTAACCATAAACGTCAACCCAGCCCGACCGCAACCAGATCCTGGGGACC
CAAGTGCCGGGACAACAACCTCTTCGGACGCAAACTCAGTGCTGGGTTCAACGGCGAGTC
GTCTGATATTTAATTCGTGGTATTCTGGAACACCAAGATGCAGCCATCCGAATCAAGGTA
CAGATGCAGACAGTGACAGTCGAGGCGAAGCGATGGTAAACGAGATGAAAATAATCAAGG
ATGTGTTTCAAGGTGCTACTTATTCAGCGATGTGCGCCTAGCTCCGTCTTTCTAGAAGGC
GCCTCGCCCGGGCAGAGGGTCATTCTTCGCGGGACACGACGCGTCATAGATTTTGGGGTT
GACAAACTTGGGCATCGCGTCGTTGTTGTAGGCCAGCTCGACGAGTGTGGCATTGCCTGT
ACGTATGTTAGCAAAGAAGTAGTTGTACCCAGAGAACGAATGACTCTTACCTGAGTTGTA
CAAAGGCCATCCATATTCAGTCAATCCTTTTTGTGAGTCCCGGGCAAAAGCACCCCAGGC
ACCCTGGACATATTTCGTGTACTGGTTCTCGGCAGGAGAATTAGGTAGACCAGAGATGTC
CTGAGCAGTGCCGAAGACCAAGCCAAGATCGGAGCCATGGTATGCAGCGCTTCCTTGGGA
ACCAAGACCTGCGCTGCCGTTGTAGAGGCGAAGGTTATCCCAATCACCGTGGTATCTGTA
TCGCCAGGTAGGCACATCATACTGAGCCCGGTATGCAGCGGACAGAGAGGTTGGACACGT
GAAACCGCGCTGAGTGAACAGATCCCATTGTGCATTGGTAAAGTTCAGCTTGGCCGCCCA
CCCAGAGATGCGATACCAGCCATCTTCATGGTCGGCGTTACCAACCAAGAGTGGAATCTT
GGCAAAACAGCCACCGGAAGAGAGCTCTTGATAATCTTCAAAGACCGTAATGTTGTCCAC
AGTCGGGTGGAAAGTTGCTTGAGTCAAAGCCACACTTGGGAGACCGGGAACCTTTGCGGA
GGCAGCCAGAAGAGCAGACATGTTTGCAGAGCGCACGCAAGATACTACTGCAGCAGCGTC
ATCTGCAGCGCCGCCACAGCCGATGGTCTGGGACACATTGTACCAGATGGACTGCGAGTA
CTCGACAGTGTTGGGGATGAAGCTCAGGGAGGTTCCAGACATGGGGATGAGGCCAGAAAC
GATCGGGTCATTCTTCCAGGCGTAGGCCCAGTAGTCGACGGCAGCACCGCCTGCGCTTTG
TCCGAAGATGACAATACGCGATGGGTCGCCTCCAAAACCAGCGATGTTATCGCGCACCCA
TTCGACAGCGGTACGGTGATCGCGCAGCGCGGCGTTCTTCTCCACACCAGGGGCGCCAGC
GAAGCCGAAGATACCTAATCGGTAGCTGGGATTGTCAGTAAACGCATGGATAAAGATGGA
GTGAACCCTACTTGAATGTCACAACGACCACATCCTCAGCGTCAGCTAGGTATTGGCCGT
TGTAGAAGGGAGAGTGAGGACCAGGAATCTGGAAACCTGGAATGGTCGTTAGGGATATTC
TGGCGAATCAAAGGAACAACGTACGTCCTCCGTGAAGAAACACTAGCACTGGCTTCTTCG
CGTCCGCATCACCGGCACTTGCCGTCCAGACATTGAGCTTCAGACAATCCTCAGATACAG
AGTTGTTGTTCTGGGCTGCAAAGTTCTTCCACACACGCAGACCGGATGGCTGTGTGAAGT

TGGGGAAGGCGGACACTGGCGGCTTGACAGCAGGGCAGTCACTAAAGAGTCGTTAGAAGT
ATCCTCTATGTCTTGTGTTCCTTACGTACGGAGACTATGATTTGTTAGCGATTGTACTCC
ATGTTGGCGATATTGCGATTACTAACCCACTCAGATGCCTCGAAGACAGTTCCTGCTGGC
GCATCGTACTTCTTCGGCGCAGCAAATCTCAACTCGCCGACTGGCGCCTCTGCATATCGG
ATACCCAGAAACTCGGTCACATGTGTCTTGTTAGACGATGGGTGACCAATCAAGGTACCA
CTCGATGTCTCAACATTGGAGCCATTCTTCGGCGCTGCAACAGCCGAACCGAATAGCGAG
GCTACAGCTGCAGCAGTAAGGAGGAGGTGCTGCATAATTTCAACTCGAAACAACAACAAC
CTTGCGCTTTAGGGAATAAATTCCAATGCCAGGCGGGTGACCAGCTGACTTTAATGGAGC
GAAATTCAAATCGCGGCTCGGCCTGGCAAGCAATTGGCTCCGCGTTCCTGCGTTGCCGTC
GACGCCAACCGTGTTCCATAGGGGCAAAATACACTACAACCAGATAAAGCTCCGAGGCAA
TTGGAAATGTTGCAAACAGCTCCATATTGAGCGCGCGCGGCGTTACACCGGCGCGAAAAG
CTTCGACGACGTTTAAGACAGGACGGGTGGCTTCATCTCGCACGGCTGCATCCTTTGACA
TCTCAAGTTACGCTAGTCTTGATGCGCTGCCGCTCCTTCCCGGTCGCGTGGAACCTTTCG
ATCTGGCAAACGCCAACATCACCACAACATGTAGCATTCGAATACCTGGGACTGTGACGT
CTTCTAATCCGTCACGGCTTTTGCTTGTTCTTACCGAACTTGAACACAGTGGACATGGAC
AACAAACGCGGCCTGCTTATATCCGGCAGATGTCCGGCTACCGCTGATCTCCATTTGTGA
TGTCACCTACCCATACCTGTTCAGTACATTACACCGAGGCGATTGGAAGTTTGCCCTGCG
TTCACGGCAAACGCCTGGACTCTAGCAAGGAAGAGCTTGCATGCGCACAGAGACCAAGAG
ATCGGCAGATGTAGTCCCCGAAGATTGGTATACCAGATCCAATCGTATCGGAATGAAACG
ACGAGAAATTCGCCGTCACTGCATTCCCGTAATGCCCCCACGAAGGAGTTGCCAGCCGCT
CCACAGCCCTCACCCTGCGCTACCGTGTCTCCAGGGACGGGTACCTGGAAAGCCAAATGC
TAGACGAGGCCCATAATACTATCCGTTCCCGCTGTTCATGGATGTTCCATAGGATTTACC
TTCCAGAACTCGAGCACCCTCAAGCGACATGACTTTCAACGTCGGCCTTGGAACTGAAGG
CTCAGTTGAGCGCGGATGGGGACTTTGGCTCACCAGTGTCCTATCTGTTATTATCGCCGG
TCTTTTCGTCAGCGCACGTCTAGCGCAGCGATTCATCAAGAGTAGCGGCCTGGGAATGGA
CGACTACATGATCATCGCCGCCTTACTTTCATCAGTTTTACTCTCTGTAACAGAGTGTCA
AGGTCAGTGGATCGGCACAACTTTGGGAAATGGGTATTAACTTTGATCAGCTGTGGTATA
TGGCTACGGGAGACATTGGAAAGATCTACCTGCCGACTCCCGCGTTATTGCTCGCAAATG
GTTCTATGGAGCGAATAGTGAGTTGACATCCATCAAATGCACACATCATCCCAAAAGCAT
GCGCATCGCTCGGTTTTTCCGGTTTCTGAGATGCTGCGGGGAGGCACTTATTGGAAATGA
TGTGAATTTTGACTATGAATTCCACTGACTGTAGCAGTTGTTTACAAAGTCGTTCTCATG
TTCAACAAGATCTCTGTGGTTTGCCTGTACTACCGAATCTTCGCCATCACCACAAAGTCT
TTCCGTATTGCCTGTCACATCATGAGTAAGTGGCTCGTTTTGGACTACAGATCATTGACT
GACTCTACTGAAGACGCTTGGGTCATCATGACCGGTTTTGCTTTTACTATCGCAACGGTT
TTCCAATGTACGCCAATCGCCGCATTCTGGGACAAAACCATATCTGGAGCCAGATGTTTC
AAGAATGAACCCTGGTGGATTTCCTATGCCACTGTTCAAATTACAACCGACTTCATGCTC
CTTGCAATGCCTTTTCGAAGAATCATAGGACTCTCCATGGGACAAGCCGAGAAGTTGGGC
GTGGCACTTGTTTTCGGCACGGGTGGCTTGTAAGTATCTGGGCCTCCATTTGAAGCACCT
TACTGACTCCTTAGTGTCACTTTTGCGTCTATCTATCGTGCAACTACAATAGCCAGGTCC
GCAAATGACCCCGATCCGACCTGGGGCCCTGTTCCTGCTACAATATGGTCAGTGATAGAA
GCCAACGCTGGTATCATATGTGCCTGTCTCCCCATGCTCCGCGCTCCATTCGTCCGCCTC
TTTGGACCACTTTTTGGTTCGGTAGCCACCAAGGCCACCTCGAAGCGGCGGTCGTACCCC
ATGGACTGGAAGAGCAACCACGGGCCAGCTGGCACTGGAAATAAGAGTAAGGTATCTGGT
AAAAGTGCATCTGAGCGCGAAAGCGAAGATGATGCATTGCCACCAAGTAGACCGAGTGAG
CTCGGCCGCCGGGGCAGTGGCATCTTTGTCACGAACGAGTTCAGTATTGAGCGCAACGAG
TTACAAAAGCAAGAGACAGAGACACGGTCGTGCGAACAAGATGGCGACACTAACACTGCG
CTGAGTGTGAACGAGGATAGGCCAGGTGGCAAGAGTCCCTTCTACCACGTCTAAGCAAAA
GGACCATATTGCTTCTTCTCGTCCCAGTGCTGTAACATTTCAGCACTAGCTCTGCATGAT
AAAATATGCAGATTGCCGTCTGGCAGACAAGCTACACCTCTCGCCGACATGCGCATCACG
ATCTCCAACGTTTCCATCGGAAGGCGCCTCTCTAGTGTTCTTTCGGTCCTACACCGCATA
GCCGCTAGCGAACGAGACGGGGGAATTTGCAGAGGCCAAACCGCCAGCCGCTTGTGTTCT
GTCTACATATCGACAGTACGTTCACATACAGCATTGTCCCAGTCGAACAAAACGCAGGTG
CTGCGTAGAACTCGTTATCTTCCATGCCGATGCTGCGCCGTTGCGAAAAACGCTTTGAAT
TAGGCGACGCTACGCACGCATACGCAGGTACGGATGGACGCTGAGCGACGTAATCATGGA
TACTACCGTCCGGGCCGCTTAGTTTGCGTTCCATGCCTTATGGACGATGCATTGCGCTTT
AGAACCTATAATGGTCTGTCGTCTGTGTCAAACTGCCGCAAGGGGCGTGAGCTTGAAATT
CGACTAGAGCAGAGTGCGCCGGGTCACAAGGTATCGCGCACGATACGTGCGAGCAGCGAA
CGGTTCCAGTAATGCGACGGTGTCTTGTTCAGGACCTTTCAACGAAGGCCGCGAGCCCTG
TATTCCGGGTGCAGTACGACGCGACGCATACTGGGGCCCAAATCATTCCTAAATCATCGA
GTAATCTTTATCGCGTCTTTTCTGTTGTGAGAAAATCTAGATAAGTACCCGAGGTGACTA
CACAATCTAGATCGCGAGCTATGCAGCGAAAGACGGTGAAAATTTTGGCAGCCAAATTTG
CGGTCGCACGTTCATTCCCAACAAAGTGACAGGCCGAGCAGTGAGGCATTTGTCTGACCT
GGCGTTGGACACGTGTGGCGTCGAAAACAGATGGAATCTGCAGGAAAAGGCGTGGCATAC
ATTGTTGCAGTGCTTGGTTGCGGATACTGGCCTATTTTCACGAATGAAGACGGTGCTAGG
AAAGCCAAGTGAGGATAAACGGCTTGCCGATCCTTGCCCCGCTTCCTTTGTGCACGCGGC
TGCGCCACAGCTGGATATTGGTCTCTCCCCTCAGACGTCATGCGCACATGCAATGAATAT
CGACTTGACCTGATCCGTGATGCATCCTGATTTTCCTTCAGCTGGCGCACAAGCTTCTGC
AGCGCGACACCCTCATCCGCTCTACCATCGGTACCTTGTGAGCTGGACATCGAAACCTAC

CCCGCCAACATGACGACGAAAAGTACGACCGACTTCGTCGAATCAACTGACCCAGCCGGA
GGGAAGTCCAAGGCCCAGATCCTCACCGACGTCTTCTCTCTCGCGACCCAATTCAGCACC
TGTGTTGAGGCTTTCAACCTCATCCATCCCTCAAAAGATCAGGACCATGCGCAAAAGGTT
GTGCTTGCGAAACTTGGCCTACAGCAGGGCAGGTTGCTGATCTTTGGTGATGCCGTGGGT
ATAACTGCGCCACCTGCGACAATTGCACGACACATGATACCCAGCCATCCTGGCATCACA
AATCCAGATCCACATGTGCCTGTACACTTTGGCGTCAGAGATTCGAGGCTTGACGAGGAG
GTCATCAATGCGAAAGTCCGCAGGGCGCTCCATGAGATTGCGGGACGCCCAAGTAGCATG
TCGCGAGACGAACTCATGAATGTTTACGGCTTGAAGAGTCCCAAGACTTTCTCGCGCCTC
GAGTATCCAGCACTAGACACGAACCGATTGGAAGGCTTCCGCGAGAAGTACACCCTGCTG
AAGGATCTCCTGAACCAGACAGGTGCGCGAGCCAGTCTAAAGCGCAACCTCAGCATGACG
ACCTCCCATTGGACGGTCAAGGACACTACACGCTTCAGCGAGTACGTCAAAGTTGTACGC
ACCGAAGTCGATGCGCTCATCGATCTCATGGGCGTGAAAGAGCAGGTTGACCGTGGAATT
CGTTCCGATCTCAAGAGCATGGGGTGGCACCCAGACCTGACAGGTCCAGCAGTGCGACAG
GATTGGGAGAAACTGCGTTTGATTCGCGAAGCCTGTGTAGTCGATTATCCAGAGTACATT
GAAGTCATCGACAAAGCCATGCAGTACATCAGCGAAGAAGTCAAAGAATCAAATCTTGCT
CGAAATCGCGCTGTGTTAGGCCTCTCAGAACCTAACATGGACGCAGCAGGTGCGCGCCGG
AAGTCAGATTACGACATCCGCTCAGCGCCTGCACCTGCGCCTGTGCCTGCGCCCACCGCC
GGACCCAAACCTTCAAAACCGGAAGCAAAATCTCATATCCAACTTGCCGCTGAACGCGCT
CTAAACCCAAATGCAGGCAAAGAAAAGCGCCCAGGCTGGCTCTCGGCCTTCAAGTTCAAG
TCCTGGTCCAAGAGCAGCAAAACTGCACATGAGAAGCAGCGCTCAAACAGTGTTCCACAC
ACACCAACCGTAGACCCCCAGCGCTCCCTCTCCGCAGGCGAAGCACCAAACCAAACCTCA
GAAGATTCCAACACTCTCCAGGCCGTGCGTTCCAAGTCACTCAGCGCAATACCTAGCGAT
AGCACGCCACAGCCCCCACCATCAAATCTCGACTCTCGCGTCCGCAAGCTCAGCCTCGAC
CACGGAGACATGGCGAATATTCCTCCCATCCAAGAAAATGGTGGTGAAGTAACTAGTTTC
CCTGAAAGAAATGGACTGCCCGATTTCGATGCCGATATGGATAAGAACGCACTAGTGCAG
GTTGATACAGCAAAGAGCGAGGGAAGCAAAGATGGGCTGGAGAATATCAAGACGGCGAAT
AGTTATATCGATCGGCATGATATGTATCCTGCTGTGGGACGAATTGAGACAAAGGATATC
AGGAACTTTGCGCATACGCCGGGATTATAAGGCTGTTTAGTGGGGGTGTTTAGGTTGTCT
AGCGACTTCAAAGGATAGTTGTGAATTCAAATAGCATAGGTACGCCCACAGGAGAGGGTA
TTAATATAATTGTGTGGTAATTTTGTAGCCATTTCAAGGTCAATCTGTATATACTCATTG
CGTTTGCAAAGCATGGAGCCTGAGGTATTTGGTTAATTTTGTGGTTACCACAGTTTCACG
ATGGGTTGCTTGATATGTCAAAGCTCACTGAGTATCTTCAGCATGTCCAACGAATCCTAA
GGTCAGGAGCCATCTTGTCATACCTGTTCTACCAAATATGTCCCCTCCATATCCGCATGT
GCGACTCGGGATTTGATGTGCACAAAGTTCATTTCGCTGTATTTGGCTGATCATCCTTAA
GGACGACGTGATCCTATTGGAGATCCGGAAGCACTCTCAAAGATGCTACAATTTAGTCAA
CAATCTAATCTCTACGCACTTCTATTTATGCTTTTTGCCATTGTTCAATTTTCTCATACT
CACGGTGAAGGTGACTTCGTGCCTACATCCTCACCTTCACCTCGAGTTTGGGCCCACCTT
GCGATATCCTCTGGCCCACGTAGTCTTTACCGTCCTCCCACACCACCGTCAACTCATTTA
CCAAAACTGAAGGTAACGAATTCCAAGATTTGTTCTAACGCGATCACTCTAACTTGGTTT
AGATAACTGAGTTTCGGTACGCACCCGCGCAGTTGCAGTTGTTTGTCTCCTACGCCCAGT
CGGGTCGCGACAGCAACAACAACAACAGCACCAAGCCACACCAACGAACGAAGTTTTCCC
AGCCAGAGTTAAGCTTTAGATACCACTGGCGATTACGACTATGCCGCCCAAGGGACTCTA
CCGAATCCCAAAACATCATGTCGTTGGCCAAGGCACCTCAATGAAGCGTCAATCTTTCAA
CAGCATGGACTTCAAAGAGGCGGAGAAGCCGGCGCCCGTTACGACCAACGACGGCACGAC
AGACGATTTTGTCAACAATGAAAGGGCTCGGCGAAAGCGCGAGAAGCGTGAGAGGAAAGA
AGCCAGGAAACTGAAGAAGGAAGCTAAGGCAGCTATGGCTGCTGCGGAAACAGGAAAACC
GAAAGAGAAGCAGAACACTCCGCCAGTCGACGCGATACTCGCCGCCACGCCCGTAAAAAA
CGGCAGGTACGGCCCACGTGGCCCTTACAAGAAGAGAGAGAAAGGCCCGGACGGAACTCC
AGTTTCTGATGCGAAGAAGCGGAAGAGAGAGACTGAGGTGCCTGTTGACAGTCCAGCTGT
CACTGACAAAGGTCTCGCTGACGCTGACAATTGGCTCGGCCCCAACTTCAAGAAGAACAT
GGAAGACAATAAGAAGTCCCTTGCTCGCCTCGCCTCTATCTTCGACCAGCGGATCAATGA
GACCGCTAAACCTGCTGAGTCGCCCAGAAATAAGCCAGGAAGACCAGTGGGTTCGGGCAA
GAAGACCGTTGCTAAGACTATTGAGACTGAAATACCAAAGACCATCAATTCTGACGAGAT
CAAGCCCAAGGCCAAGAGGCAGAAGCTGGAGAAGACACCTGTGGCTTCCAACGAGGAAAA
TGTGTCCAAGGTCAGCAAGACACCGATACCAGTTCCGTCAGTCGCATCAGCCCTGCCTAC
CGAGCCGAAGAGCACACCAATTCCACTTCCACAGAAGTATCTTGGTTCTTTGACGCGCAG
TGTGAGCGAGTCACCGGTAAAGAAGAACAAGGTAGACCTTCGAGAGTCTGAAGTCCTTGT
CAGCGAGACCCCTCTCTCACAAATGAGCCGTACACCTGCAACCACTCCTCGCGTACAAGC
AATCCCGTTTAGTCTCAGACCCGCATTTATCACGTCCAAGGAAACCAGCAAAGCTCCTGG
CACCCTTGAGTCTTCTCCCGAAATTCCTCTCATGATTGACACCAAATCCCCAGAGGCCCG
AAAGCGCATTGTTGGCAGCCAAGGTTCCGTGAACCCGCTCACCAATAGTCAGGTCGACAG
TCTTACCACTGCAAACCTCATGCGGTTCAAAGAACCTCTCAGAGACACTCCGAAGCCGCG
CCCTCGAGGCCGTCGTTCCGTTAGCGAGGCACCTAGTACTTCTTCTAGCAGCTCCTCCAC
CACATCAAGGACCATTCGCGACATGTTAATGCGTCCAAATAAACCATACACACGTCCCAG
CAACGAGATCTCTCCCTTCAACAACAAGAAGAAGCACATTGAAAGGCATGACGAAGCCAA
TCTTGCCACTTTCTCTAGCACATTCACGGCTTCCCGCCGAACCGTCAATTTTACCGATGA
GGCAGCATACCTTGACGAGTACGACGAGTGGCTCTCCGACAGAGAAGCAGCAGGTACCCT
CCCTTGCTTGAAACAAGCCTCAGGGTGCACGGCCAAATCCGAGCAACTGCTCCAGCTCCA

ACGTTCCGACGACACCTCAGCATTCAAAGTGATCATCACAAATGAAACCGAAACTGAGAA
TACGGCGTCTGACATTGCGCGCGTCAAAGCCGCGTCCACCTTCCTGCGCTACAGCATCCT
GACACGCATCCCCATACCGCTGGGCTCCATCGAAGGAACGTTCAAGCTCTACTGCCCCAA
GTACACCGCTACCCATGTCGACAAGTACTGGTTCGGTCAACGCACTTTGAACATCACCTC
CATCGCCGGTCTAAATCCTATGTCGGGAGCCTATACAGCGCGTCTCTCTATTCCACCTCG
TTCCATGCCGTACCCGATCCAAGCGTTCGAAGCCCCACCCCACGCTTCGTTCCGCACCAT
CACACTCAAGACAGTTGCTGAGCGGTATAGAATGCACGTCATGTTCTTGGGTAATGGTTA
CTTGAAGCTGAGAGTTGATTTGCATCTGATTCTCAATGGCAAGTCGGCTGGAGAGATGAA
GGCGGGAAAGGGAAAGGGCAAGGAGGGGAAGACAAAGGCCGGAGTGGGCATCTGGGAGTT
TCTGGGAGTGAATGAGAAGGCGGTTGTCTGGGAACCGACGGTTGATGAGTTGGAAAAGGA
GGGAAGGAAGTTGGTTGCCAAGTATGAAGGTCGTTAATGTGGAAGTATGGAGTCGTGAAG
TGGTTGGCGTGAGTTCATGGTTGGTCGGTGTAGGAAATGAGAAAGGTTATCTGGAATGTG
GGCTACCGGTGGGCAGAGGTAGAGTCGGCGAGATGTTTGCATTGATGGGACTCCGGGTAT
GGCTTGGGCTTGCCTGGCGGAATCTATTCAAGTTTGACTAGAGCTTCGCAGATGTTGCCT
AGGTTTGTCACGTTACCATCGCATCCATATGGATACTGAGTGTCGCCTCGGTGCCCTCAT
ATACTAGTCTTCCTTGTTAGTTTACGACTGTATACAGTAAATAGGCGAGATGATTTGCCA
CGGAGATTGGAGAGCCGCATTCGTGTTCCGATAACGGTCTGAACATCGCCAGTTTACCCC
AGTTCTTGCACCTACAACACCCTCGAAATACATGCAGTACCTACATATACTCATTCGGCT
GTGGCGTGACTGTTGCTCTATTCATGTTGTTTACATCTACATCTACCACTTGTCTTTGAA
CAAAGCAAAAACTCCTAATCTCATGCAAAAGGTATCAAAACACTCCTCTCCTCGCTGCTT
CTTTGACTACTTGCTGTCCCACCTCTTGCTTCTATATGCAAAGTAATCATGATATGCGTT
CTTTGACTAGATCGGATCGGAGATGTGGGCGTCCGTCAGCGCGTTTCAGCGAGCGAGAGG
GAGAAGAAGAGGAAGAGAACATCTAGTCCTTCTTCGCCCTGCCGTTCTGTTGTTCAGCGA
GCTCCAACTTCTCGTTACCCTTTTGGATGAAGAATTTGCGTTCGAGGAACTTGAGGCCCT
CGTCGATGATGCTGAAAACATGTTAGCGATTGCTCATTCTGTAGCCTTTGGCACAAGGCG
TGAAATGTGACTTACATGATTGGCGCGCTGATCGCCATGACCGCTTTCCACTCGTTGCCG
TCCAGCGGGATGACGCTGAACAGCCCTTGCAAGAATGGGACGTAGAGAAGTGCAAAGTGC
AAAGCCATGCTCAAACAAATGGCATAAACAAGGATCATGTTCTCCCAAAGCGGTAATGTA
AGCAGACTCTCTGAGCTGCTCAACGCGTTCATGGCATTGAGCATCTCGATGACGACCAAA
ATGCTCAGACTAACAGTAGAGGCAGCTTGGGCAGACGAGTTGCTGAACATCTCACAACCA
ATCTCCGGGAACTGGGTCGAGCAGCGGTGGAAGTGGCGGAGCTGGTAGAAGGAGATCTGG
GGCCCATCGCTATTGAACATGAACCACCACGCGTAGCCACCGACAGTCGCAGCGCCGACG
TAGGTACCAATAACCATGTAGCGGAAGAACAACCAGCCACTGATGAGAGGCTCGTCGCGC
TTACGGGGTTGGCGCTTCATTACATCATGGTCTGGAGGGTTGAAAGAGAGAGCGGTAGCG
GGGAGACCATCGGTGACGAGATTGACCCAGAGGAGTTGAACAGGGATCAGAGCCTCAGGC
ATACCCATAGCGGCAGTCAGGAAGATAGAGACGACTTCTCCGATGTTGGAAGAGATGAGG
TAGCGGATGAACTGTTGAGTGTTGTTGTAGATGGAACGACCTTCTTCAACGGCACCTTCG
ATGGTGGCAAAGTTGTCGTCTACAAGCACCATGTCCGCGGCGAGCTTGGCTACATCGGTT
CCGGAACCCATAGCAACACCAATATCAGCTTTCTTGAGAGCAGGCGCGTCGTTGACACCG
TCACCAGTCATAGCAACAACCTCACCGGCTTGTTGGAGAAGGTCGACGAGTTTGGATTTG
TGTGTTGGCTCAGTGCGGGAGAAGAGGCTGGCGTGCTTGGCGGCTTCCATCTTCTCGGAC
TCGGAAAGGTCGTCGAATTGGCGACCTGTGAAAGACTTGCCAGTGAGATCTTCATTGGGG
CCAAAGACACCGATTTGACGGCAGATGGACTCGGCAGTGTTCTGATTGTCTCCAGTGATG
ACTACAACACGGATACCAGCGGAGCGGCACTTGGCGATTGAGTCGCGGACTTCAGGGCGG
GGAGGGTCCAACATGCCGACGAGACCGATGAGAGTCATCTTCTGCTCCAGCTGGGTGTAT
TCCTTGGTAGTCTTAGCCTTTGCCAGAAGTGGGTTCGATTCAATGTCTTCAACAGACGCT
ACAGCAATGACACGAAGACCACGGTTGCCGTACTCGACAATTTCCTTGTTGATAAGGGTA
GAAAGTTGCTTGCTCATGGGCATCTTCTTTCCGTTCTTGCCGACAATGACATTGGTGCAA
CGATCAAGAATCGATTCCGGGGCGCCCTTGACGAGTAGTTTCTGCGAGTTACCATTCTTG
ACTAGAACAGACATGCTCTTACGGTCGCGAGAGAACTCATAGGTGGCTAGGCGGGGGTAG
TGGCTTTCGTAGTGCTTGGTAGAGAAATCGAGAAGTCCTTCTGGCGAAGTGCTGGCGCGG
GTCGCGTTATGGGCGATATCTGGAGTGCCAACCTTCTCAACTAAGACGCGGAGAGCACCC
TCGGTAGGCTCACCGACAAGGTTGTAAGTACCATTCTTGGAGTCGTAGGCAAGGGCTGCG
TCGTTGCAAAGTGCGGTAACTTCACAAATCTGGCGAACGGTGTCGGATTGAGCAGCAAGG
TTCTCAAGGGGTTTGCCACGGAGGGAGACCTGACCCTCAGGGGCGAAGCTGGTGCCTTCA
ATATCAAATTCTTCGAGGCCACTACCTTGTTCGTTGAGGAAGACCATCTTGTTGACGCTC
ATCTGGTTGGTGGTAAGAGTACCTGTCTTGTCGGAGCAAATGACACTGCAGCTACCAAGT
GTCTCGACAGAAGGTAGGCTTCGTACAACGGCGTTTCTTGCAGCCATCTTGCGCGTTCCC
AGAGCCAAGCAAGTTGTGATGACGACGGCCAGACCTTCGGGAATAGCAGCGACACCGAGA
GAAACGGCAATCTTGAGATAGTAGATGGCGCCTTTGGTGAAGCTGCCGTGCGAAGGGTCG
TTGAAGTTGCCAATGTTGATGAGCCAGACGAGGATGCAGATAGCCGTGATGACCTTTGCG
AGCTGGTCGCCGAAGTCGTTGAGCTTCTCCTTGAGGGGGGTGGGCTGTGAGATCTGTGCC
GTGATGCTCTCGTGGATGTCTCCAATCGCCGTGTTACCACCGGTCAAGACTACCAGCGCA
GTCGCATGCCCCGTAACAACCGTAGTACCCGAGAAGAGCATATTGACCTGATCCTGCTTG
ACAGCGTTCTCATCCTTGACGGCCCTGGTATCCTTGGATACACTCTCGCTCTCTCCAGTC
AAGATGGACTGGTCGATGTTGAAGCTGTTGCTAGAAATGGACAGGATCCTGCAATCAGCG
GGTATCCTGTCACCGATTGTGACCGAGATGACATCTCCGGGGACCAGCTCGTCGGCCTTT
ACGCGTTTGACATGTCCGTCACGTACGACTTTCGCTTCGTTGGCCGAGTATTCCTGGAGG

GCTGCAATGGCCTTTTCGGCGCTAGTTTCTTGCGATACTCCGACGACGGCGTTTAGAATA
AGGATGGTGAGGATCTGTAGGCATGCAAGTCAGCGCAGGTACATGTAACGTCGTCGCCTG
GTACGTACAACTGCCGGGTCCACGAATGCGGTCCAGCCTTCTTCCTCTTCGAAGAGGGCC
AGCACAAATGACACTGCTGCCGAGCCTAGCAAGATGATGACAAGCTGGTCTTTGAACTGC
TCGAGGATGAGCTCCCAGATGGGTGTTGGTGGGTCTTCTGGCAGCGCTGTTCTCTGTGTC
AGCAGTCGTCGTCGCGGTCTAGGGGAATAGTAACACACCATTCTTTCCATGCTTCTCCCT
CGCGCTTTGCACCTGCTGTGCGCTGAGACCTTTCTGCTCCTCGACCTGGAAATACTTCAG
CGCCTCAGCGGGCGTCTTGGTGTACGCATTCTCCATGCCCACTGCTCTGATCACCGGGTT
CTCTTCGCTCAATACACCACTTGTTCAACGAGACGCTGTCTGGTGGCTCAATCGTTGTGC
GGTAGTGTTGTTCGCAGGGATATGTCGGTTCTAGAAATGTCGAGGCTCGCAAGTCGCAGG
TATCTTCGCCTATGACGTTGAGAGGAACTTTGACAACCTTCGCGTGATTACTTCAAGCAC
AAAGGGAGGGACTGTATTTTCCTGGCGCAAGTAAAGTCGCAGGAGAAGACGATAGAAGAT
TCTGCGATTGTCCACGGCAGAAACGGCTGTACTGGCGGCGCAACAGCACTTGTCTCGACT
TCGGCGCGTCCCAAGAAATCTGTCCTCTAATCGACCCGCAAGCGCAAGGGGCTAGTGCTG
TGGCGCATGCTCACCAGCCACTTTTCGCCGATAACCACGTTTCGCCCAAGTCGCTTCCAA
TTCGTCCATGTCTTCGAGTTTCCCTTTGATCGGTATCATTTCACTTGCAGTCAATTGTGG
CTGGTGAAAATCTGGGGTTTGCGCCGTTCGCAGCGAGTCTGAAATGCATGGGGTGCGGGC
AGATTCCGACAACAACGTGCTGTGCTCGGCCGATTCGGCGGCCATGCCCCACGATTCAAG
GCCCCCCACCTTCGACATCACCACTGCACCTCACCTGGGCAAGACTGCCGTGCCTGCGGG
TCTAGCTCGGCAATCCGGATCTGAGCAGAGCCTCACCAAGCAACGCGTCGTCATCACTGC
AGAGTCACTTGTGGGTCGAGGAATGATTGAGTAAAATGTTTAACGTTTCGTTGTATTCGA
GTAGCCCGCATATGCTACTGCAATCCATAACCAAGGTCATCCCAACATGCAAAATTCATC
AAAGGGTATTATAGCCCACCATAGGTATCCCGCTCGTTGAACGCCGCAAAACAAAGGCCC
TCCAAAGGGCTGGTCAAATGCTATCGTGATCGTCGTGTACCCAGTCCGATCCAATCATGC
CCGCTTTCTAACATGATCACCTGTATGGTGCACAACTATAATGTGTATAACGTGAATAGA
ACCAGGCAGCCAGAGCGCCGTGGGAGAAGTAAAAGTGGCAAGCTTATTGGCTTGCGCAGT
ATGTCCGAATCAATCGGGCAATGTCTCGTGTGATGAAGGGCTTGGTGACAAAGCCTTTCA
TGCCACTCTTGACTGCTTTGTCAAGAGCGGCGTCTGTAATGTCCGCGCTCACCGCCAGAA
TGGTCGGCTTCCGCTCAAGCTCTGGCATCTTCAGAATCACCTCAGTGGCTTGGAAGCCGT
CCAACAACGGCATCCAAAGGTCCATGAGGACAACGTCAAAGGACTCAGTCGCCGGGCCGA
GAGCATTGCGACGAACAGTCTCAACGGCGTCGTTACCGTTGAATGCCGTAGTGATGTTCT
TGTAGCCCAGTCTACCCAGCATGCTTACCAGCACACGTCGGTTGATGGCGTTGTCGTCTA
CGACTAGAATGTTCAGAGGCAGTTGAACGCCCAGATCAGATGGCACAACGTCCCTCTCTG
AAGATAGAGCGCGAGTGGCGTGTTGTTGTCGAGGAGGAGACAAGGTGCGGCGGGGGGTAG
CAAGGCCGATATCTTCTGGCGATGTTGCAGAGCGGACAGTGATGACAGGTGTAATTGGCG
GCTGACGTTCGCGGTCACTCTTGAATGATTCGGAACTTAAGGGAGGAGTGACGGGGCCAC
GGCCGAGTTCCAGGTGGGGTACTTCCGGATCGATAGACATGCGGGATTTGATGGAAAGTG
TAGGGGATCCAAAAGGCGTTGCAGGGCGACTGCAAATCTCGCCTGGGGTAAGCGGGACTC
TCATTTCGAATTCCGACCCTCTCCCTGGCCCAGAAACATGCGAACGGAGACAGAAGAGAT
CACCACCTAGTTTCCTTGCAATCCCCTTGGCGACCATTAGACCAAGACCCAGTCCCTCAC
TCTGTCGTGTCATCGAATCGTCTTCTCTCGAGAATGGTTTGAACAGGTTAGGTAGGAAAG
CTGCGGGGATGCCAGAGCCAGTATCTTTGATATTGATGACAATGTAACGGCCTTTTGCGC
TAAGTGTCGCTTGAAGTGTGATGGATCCATCCTGTGTGAACTTGATAGCATTAAGAGCGA
GGCAGGAGACCATCTTGGCGAGATCCCGTTCATCGATGACAATCGTCTCTGGGACATCGG
CAGAGACGGTCCACTCGATCCATTTAGTATGTGCCTCTCCGTTTGAGCTACGTGTTCGGA
CTTCAATGCGCTCTCCTGTGTCGGTAGCCTCAGCAATGGCGGAATCCGGCCGTCCTCCCA
CTTTGAGCGCATCGTTAATGACGTATTGAAGCACTTCTCTTAGATTGGTATGTCGGAGAC
CGGGAACTTTGGAATGTTCGGATGCGAAGATGGGCGAGGTGGTTGAATCGCACTTGCCTA
ACGAGGTTCCATGCGAGCAGGTGTGGTCCAGTCGGTCTAGTTCCAGAGCGCTTGCGTCTG
GGGGGCACGACTTAGTGCCGCGCTTGGGTGGCTCCTCTGAAAAGGTGTCTCGAACTCGTT
GGCGAGCATTCTTGGCAACGCGTGTCTTGTTGGCATGGTCTGCCCAAGAAACCTCGTGTC
TCCTCCTCTTGATGCCGCGTAATGGAGCACGCATGTCGTTACCAGTGATCATCAAATCGG
GTCGCATCTCACGCCAGAAAGTGTTCCACTGGTCCGGAGTTTTGTCGAGTGGCGAAAGTG
GGGTCTCTGGAACACCCATGTTCATGTCGTAGGCATGGACGACATTATCGGCTGCCTCGA
CTGCACGTCTTGAGCTGTCTAGAGTAGCATCAGTATGGAGCCATCACTACAGGTTCTTCA
ACGAGTTGTTACACACCTTGGACAGCTTCAATGTTCTCCCTGAGTGTGTCGAGTATCTCA
CGGGTCCGTGATTCGAGCTGCAATGATTCTGATGCTTCTTTTACGTTTGCCATCATAACA
TCCAGCATACCAACAACGCCCTGCATTGGCGTCCTTAATTCATGGGATAAGCTCCGGGCG
TAGGGCTTCAACGATTGAGCCGCCGAGACGGCTCTGTGCGGCACGATCCTGGGTATCTCG
GCTTGAATTGATTCTGCTGACTTTGCAAACTCGTTGCCTTCCAATACGCGTTCTAGAATC
ATGTCTTCCAGGCTATGGAACAGCATTTCGAGGAACCCCCAGCTCAATACACGACGAGCT
GCGCCCTCTTTTCCCCACATGACACCGAAATGAGCGAAGCACTTTCCCTCGGCAAACAAA
GGGATTCCAAGGTAAGCCTCTCCTGGAATGATCAGGTCATTTGGGTTGTCGAGGATGAAA
TCGTTTAATCTTTCGGGAATGATGAAGACCTTGTCGTGCTTCATGTAGGCACACGGACAT
TGGTAGGCATGGTATTTGAAGTTTCTCAGATGGCCGGGTCCGTTGCCATGGTCGTCGTTG
ATGTAAAAGGCCTCGCCCATGAGGCATGCTCCAGGCTCTCCAATGGGGGGCAGTTCAACA
GCAACATTCTTATCATCAACCAGGATTCTCTTGGACACAAAAGCGTACTGAGCATCGGCA
ATTTTGGCGAGGCCTTGGGTGAGTTGGATCCAGAAGCTGTCGGTGTCGGCTTTGCGGAGA

GAGTCCTTTAGTTTGACGAGTTGCTCGGCGGCGTTGCTCTCTGCGGGGACATATAGCTGT
GACAGTTCTTCTCTGAAGCCGTTCTCTCCTTGTTGCACGACCATGCCTGGCTCTGGGCGG
GAGAAGCAGAGCGACTGGCGCTCGATTATATCAGGTGGGATGGTAGTAAGTCCCTCCATC
TTTCAGAATCCCATGCGGGCAATCGGCACGGGCGTCCAGGATGGGCACAGGGGTGTTGGT
CAGACGAAGTGCGAAGTTGGACAACGATATGCAGAGGGCTACGAAGGAAGTCGGAAATGC
ATGCGGAAGCGGATTAGTAACGGTGTGTGGGAGGGCGAGGAATGCGTGATGTACGGGACA
GAGAGAAGGAAGGCGAGAACTGGCAGGCACGGCGGGCAGTCAGCGATATGGTTGGTCTTT
TGCTAGAGTCGCACATAAGAGGGCTGGTGGACGATCTAGAACCTGACCCGGAGCCATGGC
TTTGCGCGTCCTTGCACCCTCCAGGCCCGCCCCCGTTGGGTGGTAGTGACAGTCGGCTGC
GCTGCTGTTTGCTTGCACGCGGTCAAAACCACCGTGGGCCCCAACTCGTGTCTACGTTTC
GAGTTGAGACTCGTCGTGCTGCCCGTCCGCCTGCCATGCCGCTCCCCTCCCACGGTCGTC
GTGATGGATGGCGGCACATTGATGCTGAGCGTCGAGGGACCCTGGGTGGCTTCGGTCAGC
ACACACAGTGGGTCGCGCCTGCTGGAACAGTCTAGACGCACTCGGCTCCCGGTCGCTCCT
GCACGATTTCCAGCGCTACCCCAGTAGCCCCTTCCGCTTCGGCCCCTATGCAAACCTCGC
CCGCACACAGTCTGCAGTCACCGCCGACCTTGACGCCTGGCCCTACGCCATGACGATTAC
TGTCCGCCCGCCCAGCGCTCCAATCCGGATAATGCGAACATGCCAATTACGCTTTTCGCC
CTCGTCTTGCTTTTTTGCCCATCCAGAGCATATGCTTTATTGTGGCGGCCAAAAGCTACC
GCCGACTGCCCAACAACTGCTAGCCACTGCTAACAATGCTAGCCACTGCTAACAATGCTA
ACCACTGCTAACTTCCTAACATGTACACAGCATCCGCGCCTCGACACAGCCGCACTCGCA
GCTCGCGGCCCTTCCTCCTGCTTGACGTCAGCGGCTCCAGCTCCGCCCACGCATCTTACC
GCGCCCGTTTGCTGCGTCCATGTAGCTTCCCCATGAAGCCGCACTGCCGTCGCACAGTGC
TGGTAGAGGGTCAACGATACACCGGGCTTAGCGCCTCGTCTTACACGACACCAGATCGAC
GATCGGCCGAAACAGAACCTAGCGCTCTTTGTTCTGCTGTCTGCTCGTGCTTCCGTCTTC
CATCGCTGCCCTCGCGCTGCAAGCTTCGACACCCTCTCGACCAGTCGCCTATCCTGAGAG
TGCCCTCTTTTTGGACACCGTTGACGCAGCTTCCGCTTCACTCTGCGACGCCGTCCCTCT
GCAGCCCACCTGCGCATTCGGCCCTCGAGCAAACATTAACGTGTCATCTTTACAAGTCCA
GGCCTCAGGCTGCATGCTCGGTCTTTTGCTACTCTTATTCCCCGCGCTAGCCATAATCCA
GCCTGGTCTGACGAATCACCCGCCGTCCGTCCGCTGTCCCGTATTCAAATTCACACGCGT
AGTCTGCTGGCTTAACTTCCGCCAACGTCCAAAGGCCCTCAAGAGGCCTGAGTCCAGAGT
AACGTTACATGGTGTCTTCTTACAGCAACAACGTCGTCGACTTTTCCGGCCCCGTGGGTG
TGCTCCTGTTTGGGAACCTGTCGCACCAAGCATTGGCCAACTAATCAGAACATGATCGAC
AAGGCATCGTGAACGGCGTGCTCCCATGCGAGTAATGATGTGCACCGTGTGCCGATCGAC
CTCTTTAGATGTCTCGCTGCAGGGGCGCTGGCCATGTCAGCTTGATGCACCTCTTCTTCC
TTTTGTTTTCCCTTTTGTCTTGACCGACATCACCTGTGCGTGCCTATGAATACTTGCCGC
TACCAAGCTGACATCTGAGGAGAGCTGTCGACATGTTCGACGCCTGGCGTGCGGCTGCCC
AATTTTCCGGCGCTAGCTGCACCGGACCACTGCAGAAGGAGCAGCCACAAAACATGAAAG
CTGCCAGTACCCGCTCCATCACGTTGCTAGGACCTTTCCAGCACATGTCGGAGTCTTGGT
TCTCACCGCAACTGCTTTGAGAGTGGAGAGGTACTCTTCGAGCTCACGGCCGGGCAGCCG
TAGCATCTAGATCGTGAGGCGAACATCGTCGAATTTTTACAGTCACTCCTCAAGATCTTG
CATACATCCACGACCCACTCATTGGGTCAAAGCAACGCGCTTGCCAATCACGCCTCTGCC
AACGCGCGTTGACACCGAATGAGCGACACTATGATATCTTGGTTTGTCATATCTCGCGAG
TCCAAAAGCACATGAACCATGGTACACATCTGACATGCCGCGCTAGAAGCTCTACCCGCG
GAGCCGTCTAGATGTCTAGACCATCGCCCCAAGGCTTTTCCGCTACACGCCTTTACTGCA
AGCCTGGTATCACCACCAGGCTCTCCATGTTGAGCAACTACGCAAGAGGCTTCACAATAC
ATACATAGTACAATGGAGATCCGCTCTGCTATCATGACGACATGGACACCCATGTTCGAT
GTTAATTCATCAGGCCCATTGCTCCAAACTCTTGGCAACGGTCTGGACCTACCCATATCG
GGCGCCTGGTCTGTCTCGTCGATACCAAGGGCTTCACGACCGTGCTCTACATGATACGCT
TGTATCGACAGCTGACATTAGTTAATTGAGAACGCGCAGTCCAGACGGTATTGCAATCTT
CATGCCCACAAATAATGAATCGTTTTTGCAGTCAACGACACCGCATGAGCCGCAACATCT
TAAACGGCTGCGGTCCGCTCCAGAGCAAGATGTCCCCTGCCACTCCGCCCAAGACACAAA
GCAGGCACGGTAAGCTCAGGGCGACAGTGCACTTTGTTCGGCCGACCAAAGCTAGACGGC
AATGATGACACGCCTAGACTTTGACAGACTTTGGGTAGCTCCTGCACACCCCTTGCGCCT
CTCACTGTTGCACCGCGTCATGAACTTCGAATGTGGCTGTCGTGAAGCCACGGAGAGTCC
AGAACATCTCTATCCCACTATATACCATCGTGTCTACTTGGTCTATTGATGGCTTGCACA
GTCCGGGCCGCGAACGTGCCGAGTTCCGGACCGTCTCAAGGTTAGAGCACGACGTCTTTT
GCGGCACGAATCACTACTACTGTAAGCACCGAGATTTGACCGAATACCTGTTCGGCTGCT
TCGTGAGAGTGTTCCTTACACCATGCACAGAGCATCGAAAAGTCGGCGTGTCGCAAAGTT
AAACACCGATAGACTCGACGAGCTTGCCCCTGCCTACTCTGGGTGTCGAAGTATATACTA
AAGCATATTGTACAGAATCGGTGGATGTCGGGATAAGGTCGGTCTCATCAAGAAGTAGAC
AGTCACATTCAATCACATTGTCTGTAGGACAGATCATATCAAATCATTCGTAGGGTGCAC
AGACGATCCTGTGTGACAATATCGAAGTCTTTACACTCACTCAACAAACTGGAAATGCAA
TGCTACAAAATGTCTTTGACGGTAGCTTCTAATCACCCAATGGATGAGCATTGCAAGGCT
TGATAGGGCTGTATCCTTTTGATACGTGGAACAAGGTAACACAAGTAAGTCGTTCCAGCG
TACGTATACGTCGACACCTCGCTCAAGATGTGATATCATTTGATCACAACATCAGCATCG
GTATGAGTACGTATGACAAACACAACAGCTATCACATTCTACCAAGTCAAACAAGTGAAC
AGGTAAGTACATCTCAAATACATTCAACGCTTCCATCGCCCTACTTGATACGCGACTCAA
ACTCTCCGTGCTCTCCTACTTCCCCCCCAAAAAAATATTATGCATCCATCACTCGCAGCC
CCACAATTCTCCTTCACCACCTTCATCATCATACTCCTAATACCCTCCACCGCCATCGCC

TCTGCCATCGCAAAGTCCGCTTGTACTATTTCAGCGCTATCAACAACAACAGCAACAACG
ACGATGGCCACCAACACCACCATCGAAACATCCTCTTGGGCTACGTTCCCCTCCCCTAGA
ACAGTCAGCACCACATTTGCCGCCTTCCCCGCTACTACCACAACAGCGCTCTGGCAAATT
GACCCCATGTGCCTCCCTGGTGTAGCCCAATGCCACCATTTCGGCGACCGCTTCCGATAC
TGCAATGCAACGGGTCACTGGGTCCCAAACTACTGTGGTGGGGATTGGATCTGCTGTGCG
TATAGTAGCCGGAACGGTATTGGGCCTATGTGTGAGGACAGGGCGGAATGTGAAGTTGTT
AGGCGACTGGGGATGATGGGGCTAGAAAGATGGGAGTAGCTGAGGGCATGAGTGATAGAA
GTAACATGAACAAACTGGGTAAGGTCTGAGACTCTTTGCAATGGCTCTGTGAGTGGTGAA
CTTGATCTAGATTGTCATCGAAGAATGGACCAGGCAGCAGTAATGCAAGGACATGTTTCT
ACCATACCATTCTATTTGGAGATGATCGTCCAGATGAGCACATTCATCCTCCAAGTTGTC
AAATGCACATGTAGTAATATGCCTCCAGACCTCTACCGATGCTGCAAGCCACGACATATC
CTCATATGCTATGGAATCTACTACTAGGAGTTCAGAACTACAGACCGACACAGAAGATGT
ATGTTTACTGCCCCAAAGGGCTTTTTCGTGTTGATGTTTTGGAAGTGTGCAGAAGTTGGC
ATTTGTATACCGCCGGGCTTGCTGAGAGTAGCTTGAATTGGTTCGACATGTGAGGCTGCG
TCTATACCAGCTCTGGCAGCTTGAAGCAAAGAGGCTACTGTGTTGGAGAATTGCGACGAC
TATAGCAGTTGACCTGATCTGCTGACATCTGAGTTTCTCGACAGTCCAACTCTGGAAGCG
CAGTTACCTCGTGCGAAAATGCTCCAGGAATTGTTGCAGCATTGTGTTTCTTGAAGCTAT
GCTCAAGTTAAACTTGATGGCAAGCAGAGCAATAGTCGCTTCAGTGTTCGATGCGGAATA
AAAAAATCATGGTGTAGGATATATCGTTGCATGTTGTATACATATTTCCTTTGCTCTTAA
CTCATTATTCGTCGCATTTCCTCACAACGCTAACACTACCGGACCCTGCAAAAGAAGCGC
TTACAAGTTAACGGCGGTCCTGAAGTTGTTACCGGCGTAGACGGCGTTGTCACCAAGCTC
CTCCTCGATACGGAGGATCTGGTTGAGCTTAGCGAGACGCTCAGATCGGGCAGGTGCACC
AGTCTTGATCTGGCCGGATCGCAGTCCGACGACAATGTCGGCGATGGTGACATCCTCAGT
CTCGCCAGAGCGGTGAGAAACCATGACACCCCAGCCAGCGCCGAAAGCGTCCTTGGCAGC
CTGGATGGCCTCAGTGATGGTACCGATCTGGTTGACCTTGAGGAGGAGAGCATTGCAAGA
CTTGAGCTCAATGGCCTTCTTGATGAACTCGGGGTTGGTGACGGTCAAGTCATCACCAAC
GATCTGGCCGTCGTAGGTCTTGAAGAAGTAAGACCAAGCCTCCCAGTCATCCTCAGCGAA
GGGGTCCTCGATGCTGACAATGGGGTACTTCTCGGCCAGGGACTTGTACATCTCGGCGAG
TTGTTCGTATGTGAGCCACTTGCTCTTGTCGCTGTCGGGGTTCTTGAAGTCAAGATCGTA
CTTCTTCTCGTCGGCCTTGTAGAATTCGCTTGATGCGACATCCATGGCGATCTTGATCTT
GCCAGTGTAGCCGGCCTCCTCAATGGCCTTGGTGATGAGGTCAAGGGCCTCCTCGGCGGT
CTGGATGTCAGGGGCAACACCACCCTCGTCACCGACGTTTCCAGCGGACTGTCCGTAGGT
CTTCTTGGCAAGGGCCTTGAGCTTCTGGTAGACTTCGGCTCCCTGGCGCATGGCCTCGGA
GAAGGTAGGGGCCTCACTGGAGGTCGTCAGTATGGGCTAGAACTGTATGCGGAAAGATGA
CCTACCAAGGAACGATCATGAACTCTTGGAAAGCAAGACGGCCACCAGCGTGCGAGCCAC
CGTTGAGGACGTTTTGGACTGCATAGTCAGTAAAATGATTCTACTTGTCAACTTCAGTTC
ACCTACAGGGTACAGGGAGAACGTAGGGCTTCTTGGTGCCAGCCAAGTCGGAGATGTGTG
CGTAGAGAGGTACACCCTTCTCGGCGGCAGCAGCCTTTGCAATGGCCATTGAGACACCGA
GGATGGCGTTGGCGCCCAGGTTGGTCTTGTTTGTGGTGCCATCGAGCTTGTTGAGGAACG
CGTCTACGGCGGACTGGTCCTTGACGTCGAGCTTCTCCTTGATGAGAGCAGGGGCAATGG
TGTCGTTGACGTTGGCGACAGCCTTGGTGACACCCTTACCACCCCACTTGGACTTGTCTC
CATCGCGGAGTTCGCAAGCCTCGTGGGAGCCAGTGGAGGCACCGGAGGGGACGATAGCGC
GGTGAAGGCCGGTCTCGGTGACAATGTCAACCTCGACAGTCGGGTTACCCTGGAGATGTT
AGCAACGAAGTTTGACAAGCACAAATATCTGTAAACGTACCCGAGAGTCGTAGACGGAGC
GGGCGTGGATCTTGGTGATGGTCATGGTGAAGGATTGCTGTTGAGAGAGTCAATTGGAGA
GTTGGGGAGCCGCAAAGTGCAAGGCAGGAGATATAGAAGGCGACCGGATGCGCGGGCAGC
AATGTCCGGCCGCGGATAGGATGCCGAGCAGAAAATTCGACTTACTAGTTGTATGTGTAA
GATCAAGTGTCGGTGTTGTTTTGTTTGGGTGGGGTGTTCCAGAGCTTAAGAGTCCAGCAA
GGTTTTGGAGGGGTTGCTCAGCAGAATTCAGCCCCGCTATGACGCCGTCGCCTCATTGGT
AGCCACCCACGGCCTCTTTGTAAAAGTGTGCATTAACATTATCGCAAAAGCATCGAGTGG
GACGACGCGCAAGCTGGTTTGGGGGTCTGTGGGATACAATTGGTACATGTCGGTGATACA
TGCAGTCCTTGGCCCTGTCCGTTGTGAACGGGAGATCGTCGTCCAAGGTAGCTTCTCCTG
CGGGATTCAAAACTTCAGAGCGCTCCTTGAGGAAATACCAAGGAATGTCAGACAAGTGCG
ATACAACGTCTTCGCAGCCAAGCCAGGCGAAACAGTAGCTCTCATGGGCACCGGTGAAGG
ATTCGAGTAGATGCAGAACCAGCCCAACACAACGTTGACCTGTTTGGTTTGTTGCATGCA
GCTGTACCGTGAGTATCCTGTGAGCATCATCACGGCTATTCATCCATCTCTTGTATCATG
CGAAGATTGCACATCTACCTTGGGCTTCCAAGAATTACGGCAGGTCGTCGCAACAGAAAG
AAAAGAAAAAGACTGTTCAGGTCGATAGAGGGCATAGCAGCATTGTGAAGTACTTTGTAC
ATGTTGGTGCGGGCTAGCAGTAGAGGCGACGCGCATCTCAGGCTGTTCTGGTATGAAACA
TCGTCGTCAATGACGAATAGTTAATTGAACATGATTCACGAACCGAATGGAGCCAAAGCT
GTGAGGTATTGCACAGGTCTGAGTGGACACAGCTCTTCTTGTTCACGACTCCAGGCGTGT
CTGTTCACATTCAAGTCCAGTTCTGCCAAGCCCGAGCTGGCCCAAGCTTCATGTATACGG
CGGCCGCGACGCTGGGAGCTGCCTTCGCGTGAGGCTTCAACATCACCGTATAACCACACC
AATACCGTCCTCGCCACTACGTCAACTCGCTCGTAGGACAAGACTCGTGTCACCTGCCTG
CTCATACGCCCTCCCACCAGACTCTCCAAGCCCGACGAAAGTCGCCCTCCAACACACTTA
CCGTCACCACTTCAAGTTCATCACAATGTAAGTCGCCTTGACGTCTCCTGCTCCAGTACT
AACCACTGTACAGGGAGGTCCTACTAGGAATCACCGGCAAGGATTTCACCCTCATCGCCG
CCTCCAAAGCCGCCATGCGTGGCGCCACCATCCTCAAGGCATCCGACGACAAGACGCGAG

TACTCAACACACATACCTTGATGGCTTTCTCTGGAGAGGCTGGTGACACTGGTATGACGC
AAGAAGAAGCTGCGAGAACTTGGCGGTAACTAACAACGATGCAGTCCAATTCGCCGAGTA
CATCCAGGCAAACGTACAATTATACTCCATGCGCAACAACATGGAGCTTTCCCCTGCCGC
AACAGCCAACTTCGTCCGAGGAGAACTGGCGTCAGCGCTACGGTCAAGAAAACCCTACAC
GGTCAACCTGCTGTTGGGCGGATACGATACCATTGCCGACAAGCCGACACTGTACTGGAT
CGACTACTTGGCGAGTCAAGCACCGCTGCCATATGCTGCACACGGATACGCACAGTATGT
TTTCTCTCTTGCTGTCTTTGCTGAAGCACTCCCTGCTCTTCTGCATGGTCCCAAATCTAA
GCATCTTGTGCTAACACCACTTGCAGATACTACTGTCTCTCCCTGCTCGACAAGCACCAC
CATCCCGATATCGACTACGAACAAGGCATGAAGATCATGCGCATGTGCACCGAGGAGCTC
AAGCGACGTCTTCCGAGCGATTTCAAGGGCGTGCTGGTCAAGGTCATAACGAAGGATGGC
ATCAAAGATGTGGAGTACGAGGACGATGTAAAGGTTGCGATTCCATAGAAGGCTATGGAT
TGACGAAAGCTAGAGCATTCCGCCGGATGATTTATGCAAAAGACATGGGTGCCATTACGA
TTATGACACTTGAGCATGATAGATAACGAGAACAAATAGTCAAATGACATTAATGACTAG
ATCATGTTTCTCGTGGAACTACAGTGGCCGGCGTGCACATACTTGGTACTTCCTTTTGAA
CATGGCTCAATTCTCTTCGCAAGTTCGCATTGTCAAGGTCTGAATAGAGGCCTATAACTA
ACACCGCCCTATTCAGATCCGAATGCATCCGATAGCTAGACTGCCGTGAGATACTCTCAA
GCACTTTGCACAGGGACTAGCCCGAAGCAACATAGCACACTTATGCGACAGGCTTGCGTG
CCCCTCACTCAAGTCAAAGTGTGCGCAAGACATATGTATGTCCTCCCAATAAATCGACAC
CGCAGACTCATCGCCATCACTGAAGACGACCCAACGAGAAAGCAGCTTCCTACAGGAGTA
TCGCTCTCCGACCCCACGCCACCGTAGTGACTGGCAACTAAAAGACAAAGATGTTCTGAT
AGTCGTGGCTGGGTTCGTTTGTATTTTTTGATCAAAGAGCCAGAAAGGAGGACGAGGGAC
GCAGAGTTTTTATACCGACGAGTGGGGGCCGCCAAGCCAGTGCACGGGCAGAAGGGTTTT
TGGCGTGGCGGGCACGGGCACATTCAAGCAGCGGTAGGACTGAGGGCAATGGCGAGGGGA
CGGAAGAACGACACCGGCACTCTGATAACGCAGCAACGTTACTGCAGACGGCGATAGTGC
GCAGCGGCGGACGCACACTGAGCAGTTGCATGGCAGGCTTGTCCTCTCTGCTCGATGCAG
TACCGACGCATTCACCGCAAACTTCCACACGCAGCCAACCATCATCACATGATTCACGAT
GCAGAGAGCTATAGAGTACAATGTGTTGAGTAAATGTTTTTTTCATTTCGGGGAAGCTGA
TGAGCATAAAGCATGTCGCAATCTATCACTCCATGACGGGAGACAGCATCGCCGCTTGAA
AGAAGAACTTTTACGTTCAAATCATCGCTAACATCTGACATGTGCTTGCCTAGTCGGACT
TATTCACAGCTATGTCACTTTCTAGTTCTTATATCCGTTCTCATACCCGTTAGCCATGAC
CTCCTGGAGGCCCTGGGGAGGACCCTTGGCCTGACCCTTGGCGGTACCGTTGACGGCGCC
GTTGGTCATACCGTTCATGGTCTTCTTTGACTCGTGCATGGAATCCTCAATAGGCTTGTC
GTTCATGGTGTATCCAGTGTCGGATGCATCGACGAACGCGTCAAGACCGGCACCCTCGCG
AGGGTACTCCTTCATCAGCTCCTTGTGTCGTCGCAGAGCCTTGTTCATCTCCTCGGCGGA
GACATCGTTCAGGAATACGCAGGTACCAATGGGGTTAGGCACGGCAGCACGGAGCAGACC
ATCACGGGTCTTCAGGATAGCCTTGGTGGCCTTGTCAAGCATGTCCTCGTCGAACAGCTC
GTGGTCCATGGACAAACCAGCCCTCGAGAACAGGTTCAACAGTCTCCTGTGCTCCTCATC
ACTGAGGAGACCGCGCTGGTTCGCCAATGTTGCCGAGTATGCCATGTCGATAGAGATGGC
ATGGCCGTGGCGAAGTGGGACCTTGGGAGACAGCTATGGATGAGTTAGCAAAGTCAACAT
TCGCTAGGTGTGGTAACCTTACCTCATGGAGCGGGCTCCAGGTGTGGCCATAGGCAATGA
CACGGTCGAGACCGATCTCGTGAAGGTTAGGTGTCTCGAGTTTCAACATCTCGTGGATAC
CAGCACGGTTGATCTCATCCGCTGCTTGGAGGACCTCCTTGTCATCACCCTCACGACCGA
ATCGAGAAGTGATTAGCTTCTCACAGTACTTGTCCAGCAAGTCGAATGTGGGCTTGTGGG
CGCAAGTTGAAATCTTGATCAACTCTGCAAAGCCGTTTCGTACTTGACCCTCCGGTAGGG
TCTTCAAGAACGAGAAATCGAGGAATGTGTGCATTGGGGCGTGGTACGCTCCGAGACGGT
TCTTGTAGTTGCCGTAGTTGACAGCGACCTTGATGCTGACACTAGCATCAATCAGGCCAA
TGACAGTAGTGGGAATACGGATGAAGTTGGTATTCCTTCGGTAGGCGGCGCAAGCAAATC
TAAGGTCACGAGTTAACTCCATTCTAACAACGCAGTCAGGCCAGAGTGCCTTAGAGCTAT
TTTTTACCCAGCAACATCAGTCACCAAACCACCGCCCTGTGATATATTAGCATCCTTCAA
CACCATCATCAGACTGGATAACATACGACAACAAGTACAGGCTCCTTGCGGATGATACCA
AAGTCGGTCATCGAGTCAACGATGCTGAGAAGAGTCTCCATGGACTTGGCCTTCTCGCCG
ATCATGGTCTTGTGAATCGTCAAGGGTAGGTTGTAGTGGTCGAAATACTTTTGCATCTCA
TCGCCGTAGACGTTGTAGATGTTCAAGTCCATGACGGCCAAGCAACGGCCCCAACGCTCA
TAGCACTTGGCTAGGTTGTTGTTGGCAGGGTTGAAGACGCCGTCAAGGAATGTGAAGTCA
TATTCGATCTTCTCGTATCCCTCGACATGGAAGCCGTTCTTGGTCTCGACAACGGAAGCT
TTGAGGTCTGACATGGTGAAAAGAGTTTGAAAGGTGTAAATGAGATACGTTGAGTTCTGC
GGGGTCAAGTACGGGCACGGCTGTCCTATATAAATGTCGACAGACCGATGTCGTTTGGGA
CTACTCATATAGCTCGCGGTACACGCTCCGCCTCCATTGGCTCTCGCACGCCAGCAACGC
TCCAGACAAACGTCAACCATACGCATTATTCTCGTTCATGATGCGGCCACTCGTGGATCC
CTTGTTGTTTGGACTTGGTACCACTTCACTTCGAGCGAAACTAGGCTCCTACTAGCCAGC
CATGATGAAATGACTTCAACAACAGCGCCCTCCCAGCGGTAAAACCCGGTTCCGGCACAT
GGGATATGCACTTTACTCATGCAACATGGGTTTTTGCGGGCTTGGACAAAGCAGAACTAT
CCTATTTTTCCTTCGGCCAAGGACGCAATCGGCGTAGTACAAGCCGCGAATCCATTTAGT
GCCAACAACGGAGTCTCTCCCGTTGTGGAGAGGATGAGATACACTACATAAAACTGCGGG
GCAATCATCGAAATCACCTCATCTCCACTTCAGGATTCCCATCATTCGATTGCTGACGTT
CTGTGGCATATGTTGGAGAGTTTTCATTTGCCAGCTAGTCGAAAGATGTGCTGCGATGCG
CGCAGGGCTGATAGTGCAGTACCGGTAGCCATACAACGGCACTTTTCTTACCCCTCAGTT
CAGGGACAAGCTGGAAAAAAATGTGACGTTCGAGGGGATCTTTTCGATCCTAGTTCCCGC

TTCGGATAGATAGAGTTTGGCGGAGCCAGGATCGTTGAGGTATATTGCCTGGTAGAGGTA
AGCGTACGTTGTCATGGCAGGTCTTTGTGGCTCCATAGTCAGCTAGCGGATGCAGAAAGC
TCTAGATCGTTGACGACAGCCACATCCAACTCAACGTCAACACTATACAGAACCGTATAT
GCACCAATGATTCGACCCACATGAGCGTCGCGTATCCACATGGTATAGTATGAACTCGCC
TCAACCTGTGCCAAGGGTGCCTTGACGCGTACACGGGGATGTGGCACCGAACAGGCAGGA
TATGGCGTCTGACACACATTGGCATCCCACCCTCAGTAAAGAGGTTTTTTAGAAAAAGCA
ACTTGCAGAAAGTCAATTGCTAATGTGCTAACATAAGGAGTGACATCTAGAACGACTCCA
CGGAAGCGGGATCCGTGCTAAAACGGTCGACCGAACCAAGCGCCACTCGTCGTACACGTT
CCTGCATGTATTTCGTCATTACTGACCACAGCCCCGCACTAAACCGCACGCGTTGAGGGG
CACTCTCTAGCAGCTTGGACGCGTCGAGCTCACGGCTGCCCGCACAATTTCATACTGCCA
TTAAACAACAGCAACAATGGGTAGTTTCGATCAAAGCAAAGCCTATGCAGCGCAAGAGGA
AGAGGGTGCCTTCTTTGACGATGGGCGAGAAATTGAGCTCCTGCACTTCGTCTACTCGCA
CCCCAACATCGAGAAGATACGAGGATCGCCAGAAAACGTTCTGGCTGCCATTGACGAATA
TGGCCGCACGAAGAAGTATCTCATGAACGTCGGGGAGGACAAGGGCCGTATCGTAACAGA
TTTGATTGCGGAAGTAAAGCCAAATACCATGGTACGAGACTTGTCGAACTCAATTCTACG
TTTCTAACACCTCGCAGGTAGAACTCGGCGGCTATGTAGGCTACTCCTGCATTCTCTTCG
CAGATGCAGTACGCAAAGCAGGTGGTGAGCGATACTTCAGCTTTGAGCGTGACCCCGCTT
TCGCGGCTGTCATCATGTCCTTGGTCGATCTTGCAGGCCTCACCGACCTTGTCAAAGTAG
TTGTAGGCTCAAGCGACGAGGGTATCGCACGACTGGCCGCATCAGGCCAACTCAAACACG
TCGATCTCATGTTCCTGGACCACTACAAGCCAGCCTACACCACAGATCTGAAGCTTTGCG
AGGAACTTGGCCTGATCACCAAGGGCTCTGTGCTGGCAGCGGACAATGTCATCAAGCCCG
GAAACCCGCCATACTTGAAGTATGTCAGGTCGAGCGTTGAGGAGAAGGTCAAGGAAGCAG
GAGAGGGTGGGCAGACAAACCTCAGCGGCATTGCCGAGACGAATGTCAAGATGTACGAGA
AGCGATATGGCAAGGCCAAGTTCAGCGAGAGCAAGGGCAACCCAAATCTCAAGTATGAGA
GCAAGCTGGTAAACAGCTTTGAGCCGACTGGTGTACCTGTGAGTTCAAACACAGACGACG
CTTTGCAAGCATTTACTGACTAGCACAGGATGGTATCGAGATTACACGATGCGTTGGTTA
GATGGAAGCATCATCAATAGTCGGATACGCGTAATAATCTCTATGAATCGCAAGTTTCAG
CGCTGGTGGGTCCTGAACAACTCAGACATGGGCATGGTACCCGACCACAGACCAGCAGGA
TAGCTACCGTCAAGGCTTCAATGACAGCACAAATCAATGCAATAAACAATTGAATCTACA
TTTGAAAGCATTTGTCGATCCATCTTTGCGAAACCGTATTGCACATATTGTGCGGGATGT
CGAGAAAATAGCATGACACGTTGCATTCGAATAAACAAACATGAACCCCACGCACCCTGC
ATCCGTGGTACAAGCCCCTCAACATCCATCTGCCGATCGCGGCCAGATCATTGTCCCAAA
ATCAGGATCTACTATATACAGATCGTAAACAGGATCGTGGAGTTCCTAGTGTTCCGCAAT
GTCGTACATGAGTGAAGTAACGATGACGTCGAGACTAGTCGTGCAGAGCCAGCACTCCAA
GGCCAACAACTTTGTCTGGGCGAACGCAGCCGCACGCACATCAATCACCTCGCCTATGCA
AGAACGGGTTGCGTGACTACGAGCCGTCTGTTTACTGCCCACTAAATTCTACTTACTTGC
AGTTTGCATTGCAGTGCAGCCTGCACCTTTTTTGCAGGGGCAATTAAGTCGTTCCTCGGT
CTTACTTTTGATAAGGTAGCGCCGTTGGTGGTGTGTTGGGAAACTTCTAAACGGTGAAGA
CTGCGCGAGAACAAGTGCCGAGGTCACGAGCTGCTCATTTTCATCAAGCAGCAACAAGGA
AAAGACAATGGCAATGGCGGAAGGAAAGAAGGATTCGGTGGTGTTGCCATTTTACTATAG
CCATGTGTGGAAGAATGTGCTTCTACTGGCTCTGAGCGCTGTCTGCGCGCCTCTCTCGGC
AGCGCTGGTGTTGGTCGGTCTTGCAGTGTCGAAACTCCATGGACAACGCAATGCAACGTT
TTCCAAGGAGGATAAGCAGCATGTTGCAGCGGCACGGAGACGGAAAACTGTTCTTGTCAC
AGGAGTGTCGATGACCAAGGGCCTTACTATTGCGCGCAATTTGTCTCAGCATACACCACA
TCGCATCATCGGCGCCGACATCTCTGCTTTATCACCAGGTCGCTTCTCTAACGCTATTGC
AAAATACTACCGTCTGGACACACCAAGTGGCGACGATGCGGAGCCATATATTGATTCCAT
CCTCTCCATCATCCAGCGCGAGAAGGTCGACTTATGGATCAGCTGCTCCAGCGTCGTCGC
AGCCGTAGAAGACGGTCAAGTCGTCCGCTTAGCAGAAAAGCAGGCGAAAGAACAAGGCCG
CAAGTTTGAAGCCGTCCAGTTCCGGGAAGATGTGGTCGAAAAGTTCCACGAGAAGGACAA
ATTCATCAACTATATCGAATCGCTCGGTCTGCCAATCCCGGAATCGCACCGCTGCACCCA
CCCAGGGGAAGCTCTCGATGTGCTCATGGGAGAGCTTCACAGAACCCCGACAAAATCTGG
AAGAACAGCACCCAGACGACAATTCATCATGAAACCCATCGGAGTGGACGACAAGGCGCG
AAACAACATGATGACCCACCTCCCCTTCAAGACACCGGATGCAACAGCGCAATACATTCA
CTCTCTCAATATTAGCAAGGAAAACCCATTCCAACTCCAACAATTCATCAAGGGAAACGA
ATACTGCACACATGCACTCGTCATCCGCGGCAAAGTAAAGGCCTTCACTAGCTGCCCCAG
CCTAGAACTCCTCATGCACTACGAACCGCTACCAGCCTCCTCCCCCCTCAGCAAAAAGAT
GCTCGAATTCACCGAGCGTGTGTGCAAAGACGGTGGCGAAACCTTTACAGGTCATCTGAG
TTTTGACTTTCTAGTCGAGAACGACGACAAGGGTGCGGCTGCGAAGTTCTACCCTATTGA
ATCTAACCCCCGTGCTCATACGGCTGTCGTGCTCTTTGAGCAGACGCCTGAAATGGCGGA
AGCATATCTTTCCATCTTCAACAGTCCTAACCCCTTGACCTCCAAAAACAAGCCTGGCCC
TGTTTTTCCTCGCACCCCAACGTACAGTTATTACTGGATCGGACATGACCTTGTATCTTT
TGTCATCCTGCCACTTCTCGATCTCTTATTCGGTGCGACAACGCTGCAGAGTGCGTTCAA
TGATCTAGCGACATTTTGGAGTCATGTTGTGGGGTGGAAGGATGGGACGTATTTGTTTGA
GGATCCAGTACCTTTCTTCGTCTTGTATCATGTTTATTGGCCGGCGAAGTTCTTGGAGGC
GTTGAGAAGGGGGCAGGCGTGGAGTCGGATTAATGTCAGTACTACAAAGATGTTCGAGGG
TTGAGTATGGGGTGATGGATGTGAGCTGGACGGGAGGATTAGGAAGGTGCGAGGTGGGAT
CGGGAGTCGGTCCAATGCATGTCAGTATGTATAGTTCTAGATGATTTTTCATGAAGTGTT
GTATCATTACCGTGGCGTCGTCACTGGACCTAATCGTAATGTCGTGCTACCTCAACGCTG

CCACTCCTTACCAGCCTGAGCTTGGGCTCTTCAATTCATCATCGCCTATCTACTACCCCT
CGCCACCTTTAGTCCGAACTGGCATTACTATCAGTATCCCAAACCCTGCCCAACTTCCCG
TCCCTAATGCTTAACCACACCTTCTTCAACTCTGCCGAATCCCATCTAGCTCTCTTCTTC
AGTTCCGTAATAGCAATCGCCATCTGCCTCTGCACGCGAATCTGTTGGCCACACAGCGCC
CGAGCCATACTGCATCGAGCGAAGCAGCGAAAAGCGACATGGCGTTTATTAGTAGTGCTG
GTGCGACGACGATAGTAGCCTCTGCGCGGCTGGGATAGAGCTACTATTTTGGTCTTCTTG
GACGTACGGCAAGGATGGAATGCGGTCGTGTGGGATTTCCGGGGTGTGGTACTAGAGTAG
GTTTTGTGATGGTATGTTCTTCTTGTCATGATTTTGCGCTTGATAGCAAGTGGTGAGCGA
ACCGTGGGTTCTGTGGCGTTGAGTTGGTTGTTACGTTGGTCGTTAGGTGAGGGTATTGCG
AGAGAAGTTGAGTCTGTGGTACTGATGATCTGTTGGGTTGGGTCGTTTGAAGGTTGGCCT
TGCCTTAATTTGCCAGCATAGAGGGCGAGGGCGTATTGAGAGATGGTGCCATATACGGGA
TCGCTGATCTGCTCGCATAGGCTAGGAGTATAGGCTGGGCCGTTCTCGGTGTCTTCATCT
GCTTTGTGCTTGCGCTTGCGCTTGACGCCTTTCTTTCCGTTTTCCTTGTGTAATGAAACC
CTGCCGTTCTGAGTTCCGATGACATCTATAATTGCTGTAGTTGCCGGCTTGTTTAACATG
CCTCTCAGATTGTTATTTGAATGGTATGTTCCTGTGAGCTGGTTGCCAGGCGTATACTGT
GGATCATCTACTGAGTCTCCATCTGCCTCAAACTTGTGCTTGACTCGATGATCGCCGTCG
TCATTACGCAGAGTAGTATTGGAATCGACATTGTCGTCAGCAGTTTTGAGCACCACCTTC
TCAACTTGAGCGACGGTGTCGTCGACGGTAGATGTGTCCCTGCCCGCCTCTTCAGCAGCA
TACGAAGCCTTGAGACCCTCCCAATCTCCCTTGACTCGCAACTTCGCGCGCTTCAACTCC
ACATCACCTTCACTACGAGTTAAATCCTGGATCATCTCCGCGACACGTCGAATCTGTTTC
AACGGCACGACCTTGGTAGACAGCTGATACCCAGCACCTTCCTCAGCTTCCGCTTCCTCT
CCTTTCTTAGTTTTTGGATCGATTTGAAGCGCGCGGAAGAGATCAGTTATCAGTTGAAAG
TTAGGGGGATCTGGATCAGCATTCATGTCTTCGGCGCGGAAGCGCTGGACTTGATCACTC
ATCAGCACTTCCTTACGGATACGCAGAACGAGGTCGTAAGCGCGGCGGTAAAAGGAAAGG
AAGTCAAAATTACTGTGCACCTCGTTCTCTCGTAGTTCTGATTTCATTGTACCGAAGAGT
TTGGCGTGAGTCTCATCTTGCTTGTCGAAGTCGGGTCTGTGTACCCTGGATTTGCTCTTT
CCTTTTCGCCTTGGCTTTGGAGGCGCGATATTGGCCGCTAGGTTTGCGAATGTATCTCGT
AGGCCCTTCCTATCTTGAGTAGCTTCCTGACAGTCATCATCTGGTGTCTTGTCGGTATCC
TCGCTTTGTCGATAGAGGTAGTTAAAGACTGCGTGACGCCCCAGCCAACGATCGTTGTCC
GCATCTGAATCGTAGTAGTCGCAGATCTTGGCTTCCAAAGGCAATTCGGGTTGCAAACCA
CGCTTGGCACCAAGTTCTCTCGAGATTTGAGGTAGAAATTCGGACGTGTGACGAAAGTCT
GAAGCCATAACGCGACTGCTAGTGTTGCCCGAGAGGAGATAGCGGTTGAGGAAGTCGTTA
GGGTGAGTAGGTGGATCACCCCGGAACATAACCTTGGCCCCATATATCATGATCAGGTAG
TCCAGGTCTGACCATAGAATCTTCAGACCACCCATCTGGCAGGCGGCGTTGTATAGATGG
GCCATACCATGAATGAACCATTGTATCTTAGCAATCGCAGTATGATGATAGATAGAGTTA
AAGTGCCACATAGAGAGTCCTGCGAGCGTCGAGTGGACAGTGATGAAGACGCTAGCAGTC
ATTGGCTTTTCTCGAGAGTTCAAAAGCTCTTGTAGCCACTCCAACAGCCTGTCTAGAGGA
TTGAGAAGGATGGTGCTAAATTTAATCTCTTCTTTGCACATGTAATCTGGCTTTGTGCCC
TTGGCCCACATGCGATCCTCGTAATCGACATGATAACGGATACATCTAGCGATATCCAAA
CCGTGCTCGGTAAGGTCGAGTAACATCCGACGGTAGTCCTCACGTACAGCTTCCTGGATG
TCAAGGACAATGGCCAAGCCGAACGGCAGGTAGTCCTGTGATGTACTCTGGTGCAATAAC
ATCTCTTCAGTAAAGTGATCCCACTTGGGAAGTTTGAGATCGCCCTTGCGAATGACGTCG
AAGAACTTCAAGAAGAGCATGAGAGGATACTCTCGAATATCTTCGTCAGCACTGTCCTCT
GTTGGGTATGTCTTCGTAATGTAGGTTTTGATCAAAGCAGCAGCATCCAGACCGAACAGG
TGGCGCAATACCTTTTCAGCAGGTAGTGTCGCAGAATTTTGCGCTCCAGTCTCAAGAGCA
GCTTTGGTTTTGTTGAAAAGTTGGTGTATGAGTATGGCCAATTCTCCAGGTAGAAGATCA
AGCTCTTCCACGAGTGACTTGACGTTTTGGTTCATTTGGTCCTGAGCCAGGTCTGATACC
AACGCTGCTGTAATCGTATTGACAAGGCCCTTGTGGTAGAGCACCCAAATCTCGTAGAGG
ACATCTCGTATGCGGTTGAAAGTGTAGAGAAAGCAGAGTATGAGGAATTCGCGGCGCAGC
TGCTCTTCCTCTGCAGTCAGCGGATTTGTCTCTGATATTGGTGCCTTCTTCTTCGTCCTG
GATGTCGGAGTTTGTTGCTGCTGACCATCACTCTCCATGTCGCATTGGTCCTGTTCCCGC
ATTTTCTTGAGCAAGTCGTCTTGTTCATCTTGGCTTGTCTTGGGACCAGTGGGAAGCTGA
ATGAACACGAATGTGGGCGTGTCATTCTTGCGATTTCGAGCTTTGTTCATTCCAGGAACG
AGAACTTTCAACGACGCCATGAGCGTCTCTAGGCTCCCGTTGAAGTATTCGTGACCCAAA
TCCGCCGTGTTGTTGTGTTTGTGGTATTGCGTCACCTCTCTCCTGGAGCGGATGGCATCT
TCGAGGTCGTTGATACCGGAGGTGTCGGCAAGTGGAACGCTTGTAGCAGTGATGGCGTTG
ACGAGTTGCTCTTGCTCTTGTAGTGGTATTCTGTAGCCCTTTTTGCTCTTTTCCTTCTTA
GCCTGGTCTGCGACTATATTTGCGAGTTCCACGCCGCGCTGAATTCCCGTCTTGAGCAGC
CATGCCTGAAACTGTTCGGTATACGTTTTGTAACGCTTGACTGTCTCGGGAAGTTCGTTC
CGTCGATAGTAATCCATCTTGAAAGAGAATTGGAGAGGTGGTTGAGAAAATGAATGTGGG
TGGTAAAGACCATTGAGAAGAGTTGAAGGCAGTGAATTTAGCTGGCGAAGTAGCTTCGCG
AGTGCTCTAGAAAAGCTCCCGAGAAAGTATCTGTGCTTTCTGATATCAGGAAGAATGAGT
AATGATTATAGAATAAAACGTTAATGGTAGTGCGCTCACGGGCCGCCAACTTACAGTCAG
GCATTGCGCAAGATGACAGTTCCGTTCGCGATAATGCAGTCAAGACCCGTCTAGATCTTG
CTGTCGCGTGATAATACTTGACGCAACCGAGTGGTGGTCTGGAGATTCCGAGCTCAGTGG
TTCATACCCTTGCTATGCGCTAACGCTCGCAAGCCTCAAACCCAGATACACAAAGTGAAA
GGAGGGAAAGGCCTCGTCGCTAGAAACACCGAGATCCTTCTTATGTCCTTCAAGGCTAGC
GTCGTGGCCATTAAGGGCATCGCTTCATCGTTAGCAGTAGAAAAAGGAGTCGGCCGCTGT

GGTCCATCAGAAGCCGTCGTAAAAGGCGCGGGATTGAACAGTATCCATTCACATGTCCGC
CCAGAAAACGTCTCACTCTACAACAACGAGCGCCATTCCCTACTTTCCGGCCTCTTGATT
CCCAAATGATCACACATCAGCCCCATATGATCAACGCCCCAAAATCCCTCAGTCTCCCCC
CTTTCATTCGTAGCAACAAACCAAGGCAGGCCAAAAGCCCCATCCTCAAACGCCTTGGTC
GTATTCTCACCTAGCACCTTCTTCACCTCCTCCGTCTTGATCCTCTCTAGCACCTTGCTT
GCCTCCTCCTCACTACCCAAGGCGACTGCGAGAATAGCAAGCAGGTTCTCCGGCTTGATT
GGATCATTCCATTTTGCCCAGAAGTTTTCGTAAAACAGGGCGATGGCTTGTTCAAGGGCT
TGGGGATACGACAGAGAGAGGGAAACTAGGGCGCGTTGGATAGGTAGTGTGTTGATGGGG
AAGCCAGGTGGAGTATCTTGCGAGATGGGGACGTTAAAGTGAGTGGATAGGCGCTGACGC
TCTGTGTTTATCCATTTGTCCTTATCTGATTGGGTGTGTTAGATGGTAAGATAAGCAGTT
GCAATGACGGTGACTCCGATGATGGTCCACCAGGTGAGCCGTTTGTTGTATCTTTTTCTT
TCGTGTTGCGCTTCCCCCTTACTGTGGCCAAGCTAAGCTGCTCTTTCAAGAGAAGGGAAG
ATCCGACATACTTTTTATCCTCAATGGTGGTGTATTCTCGCAGACCTTCATCAACCCCCC
AAGCAGAATAGGCACATACGTCACCTCAACCTGCTTAAAAACCTTTGAGTTCTACTCGGA
ATACTCTTGTTAGTACTGTAGTGCATGATTCTAGCACAAAAATCCGGATTTACGTAGGAC
ACATGGTAAAGCAACTTACTTTCAAGATGTAGAAAGCAATATAAGCAAACGGGCTGACAA
TGTCAACGTAAAGGGTAATCTTCGGCTGAGCCATGGCTGGTTGGATTATTGCAGAAGTCA
AAAGGGGATTACTGATCTGGAGTGGAGATGAGACCGGGGGTGCCTTTGTTCCTGGCACCT
TGCTCTATGTAGGTGGTTGGTGAGGAGACGAGGCTGGTGATCTCATAGCCGATCGGATTA
ACCGAGGCACAATCGGCTGGCGTCTATCCTTGACGCAGACAAGTACCACATTGGAGAAGG
AAAATCCTGAAATGGTCAAATATGGTATTCATATCGAGCCTACAATAACCCAGCTACTCG
CCGGAATCTTGGTGCCAGGCTAGCTGCCTTGAACATATTACTCCTAATCTACCATGACGA
TATCTCTTTGAAGACCCAGCTGCGAAGTGCCGTTCGTAATAGCCTTGACTTCACCCGCAA
CCTCGTCCATTTCCTTGAGAGTAAAGTCCAATAAGTAACTCTCATCAACCAATTCCTCTA
CTCGCTTGTAGTGCCTCTCAGAGTACACCTTGATGGCATCCATTACATCTTTCAGACTGC
CCTTTGCGCCAACCTTGCCCTGCGGCCTCAGACTAGCTAGTCGAGAAGCGGGATATGACT
TAACAATAGTCCACAGAATCTTCTGAGCAATGGGTGCAGTACGCACGTTGGTATTCCAGT
CGCGGAGGCGGATGAGCAGTTTGTACAGCTGTTCGTCTGCTAAGGAACCGAGGACTTCGT
CTACGGTGATGAGACCTGAGAGACTGTCTGTATCTGGGTTCTCGATTTCCACCACAGATT
TAAAGAGGGAGAAGAGACGGGCGGGCTGGTCCATCTGGAGTGCAAGGACGATAGCTTCGC
GATAGTTGCCGGCGTAGGTGTAGTTTTGTAGTTTTTGGTCAAGTTCGACGCGTTCTGTTT
CCGCTGTTGTGGCAGCTTCCAGCGTGGTGCTCGTCGTATCTTCCCAAAACGTGATGACAC
TATCTCCACCACCAGACACCAAGGCGCCCGTTGTGGGGTGTGCGACAAGTGCCCAGACAC
GATCAGTGTGGTTGTCAAGTGTGGACATGGCCTCACCGGACACTGTATCCCAGATCTTGA
CCAGTCCGTCACCAGCTGCAGAAGCTATTTGTGGACCACGCTTGTCTCGTGCGTCGACGG
GTCGATAGGGCAGCCACGACAGCTTCAGTACACTGTTTGAGTGGCCTTCTAAAGTGAGTA
AACAGCTGTAGTCTGCCAGACTCCAGATCTTGACCGTCTTATCTCCGCTGCCTGTTGCGA
TCAAGCCCTTGTTTCCTGAGTTTGGCGCTTGCGAGTCTTTGGGTGCGAATTTGACTGACC
ACACACCACGTTTGTGACCTCGGAGGACACCAATAGCCTCTCCTTCTGCTGCGGAGTAGA
TCTTGACGGTACGATCCTGCGATGCGGACGCAAAAAGACTTCCAGAGGGGTCGATGTCGA
TGGCATTGATATCTTTGTCGTGTGCTTTGCGGGTGTACTTGGCTCGCAGTTTACCCTTCA
TCTCTTTGGTGGTATCCCAACGCTTAACTGTCCTATCTTGAGAGCCCGTCACAATATACG
CAGGTGGGTGTGACAAGGGGTCTGTGAAAGCGGCTGAAGATTCCTGGGGTATGGTGTGCG
GCAGTGCAATCGCTCCAAGCGACTCGGCATGACCTGTGAGGACTGCAGCACAGGTATACG
ATTCGTTAGCGGGGTCGAGACGCCATAACCGTGCTGTGTTGTCTTTGGCACCTGTGACAA
GCCAGTGGCCTGACCAATCTACATCTAGGCAGATGACAATGTCTTCGTGTCCCTTTAGCA
ATCCGACATCGGCACCAAAGTATTTGCCTTGGGTCGCGTCTTCTGCGTCGGATTCGTTGA
GTGTGATTATCCGAATATCCTCTGAATTGGTGTTGAGTGCCAACAGGGACTTGTCTCGGC
CAACGTAGGCGATGTCAATGACCTCGTCGTGGGTTCCGGAAACGCGGCGGAAGATGGGCA
GCGGGTCGATGGTCTCTTCTACGACGAGTGACTCTGCTGTTTTGAGGGAGTAGAAGTTGA
GCACTTGGTCAGCGTGCACCGAGATCAAGTAGGGCAATGAAGGATAGTAGAGGATGTTGA
CAATCTCATCCGTCTCGGATCCAGGCTCTTGCTCTCGGGTGAGCTCTCTTCCACTGGAGG
CTGACCAGAGTCGTAGTCGGCCGTTCTCTCCACCAGAGTACAGGATCTTGCCGTCTGCGA
TGAAGCCTGCGCTCTCGATGCCCTCTAGAGCAGCAATGGTGCGTTGCGCCTTCCACTTGT
GTGAGTCCCAGACAATCAACGTCTTGTCTCTGCTGCCAGACAGAAGGACCTTCTCTTGCG
GCGAGTACTGTAACGAGCGAACGACGGAGACGTGCGAGTCGAGGACAGCAGTGCTCTTTC
TCTTGTGAAGATCCCATATCCGTATTTTGCCGTCTTCGGCACCAGAGGCCAACCGAAACT
GTATCTGACTCTCGCCCTGAGCTTGATCCGACTCAACGCCTTCCTGCCGCGACTTCCTCT
TTCTCTTTTTGTTGTTTTCCGAGGCGTCGTCACGCTCGGCTACCTCTACCTCGAAGAAGT
GCAGGGCCGAGACGACTCCGCCATGGCCGTGGAAAGTGTGTGTCGTGTAGCCACCGACAA
TGTCCCAGATCTTGACCACGCCGTCGGCGCCGCCGGTGGCTATCAGTGTGCCCGTGCGGT
CTGTGGCTAGCGTGACGACAGGAGACGTGTGCGGGCGTAGTGTTCGGAGAAGGTCGAGCT
CGATGACTTGGTCGTCGGTGTCAGAGGGCCTGAGGGCGAAGAGGCGCATGGAGAGGGAGC
GCGAGCACACTACGAGATGAGATGCGGACGGGGTCAGGGCCAGAGCCGTGATTGCCTCGC
CGTCTCCCTCGACCCTGGCCAGCTCCTGGCCGTTGGTGAGGTCGGAAAGAAGGACATCCT
CGCCCAAGCTCGCGGCCAGAATGCGCCCGTCTTCGCTGAGGGCCAAGCTGCCTCCCGAGT
AGATTGGCTGCAGGGTGCGAGCGATCTCGTACGTCGTCTTGACGGCAGCTCTTTGGGCCG
ACATGGTGGATTGGGGACTTGGTAGCGTCGCGTCTCTGCCGAGAGAGGTGAGGGAAGTGT

CGCAAAGTGCTCGAGGAAAAAAGTTTATCGATAACGGCAGTCGCAAGCCACGCGCGCTGA
CGTTTGGCGCCGGCGCGTCTCCCCCCGGCCGCCAACTCGGCTTCTGGAGCATGCGCCTAT
ATTGCATTGTTCAAGATGCAGTCACCTTGTTCTACTGCGTGCACCTGATCAAAGTTGAAT
TTTGTCAGCACCACCATGGGCCGGCAAGCCTACCTGGACAAGATCGCTTTCGTACACACG
CCGCCAGCCAGCGCAATGCTCGAGGACATGTCTGACACGCTTGCTAGGGACGGTCTGCCT
TTGAGCCCACCCAATCCGCCTCGCAGTCGACCGAATACGTCCAGCTCGAATCGTCGCAGT
CCGAGATTCCACGGCGTTACCACGAAGCCACGGCCAACAACTACGTCCAGCTCTACGACG
AGCGCGGCAACCCCATCAACCCCCGCTCCCACCAGTATGGCAAGAAACTCAGAGGCGCCC
AAAACGATGTGCTCGCGTCTGTCGGCGTCGTCGAGCGCAGACACTCTCCCGCCGACGCCT
TTCCAGGGTCCAGCGCAGAGCGTCTCGAGCTGCTCGAAGCCGAGGATACGGTTGGAAACG
CCATTGCGCTGGCGACTACCCTTACCGAGAACCTTTGCACATGGTGGATAGGCTCAATCA
GGGAGAGGATCCTGACATTTCGCTATCCCCATGCCCTTGCCTTCAGCCACATCGCAGCCT
CGGAGCGTGCCCTCTCTGGCACCTCCATTGTCTATGCTGGCTTCTTCTCTCGCGTCTTTG
CGACCATGAACATCCAAGCCATCGTGTACAGCACTTTTGTCTATCAGCCCGTCGAACGTG
TGCTGTATGCGACACGTGCCAGCCCAAAGACCCGCCACTTCTTCCGACGAGCCAAGAAAG
CCATCAAGTCTAGGTAGGTCCCACGTTCGCCTTTCTACTTCTCGTTAACCCCGTTAGTCT
TCGTCTGGGCCTCGAGGTTCTGTGCTACCCCTTCTTTTACCACGCGGCTTTGCAGCGCCT
TGGCCTGGTGCCCGCTCGCCCACTATTGCCAAACTGGACATGTCTCATTCCCTTTTCAAG
CTCATCGCCTCTGCTACCATTTTCTGTGCGATACAATGCGTCAAGTTCCATCACGGACTG
TATTGGAGCAGTGCTGACTTCACCCCTTGTCCTTTTATGTGCTGAACATGCCATTGAACG
CTGGATTTATGCCTGTGTCTACGAAGCAGTCGAGACAGCCGTCGTCCGCCCTGAAAAGCC
CGACATACCCAGCCGAGACGCCAACGGAAAAGACCGTGCTTTGACTGTGCTCGGGTTGCG
GCGGGAGTCACCAACCCTTATTCGCAATGCCATTCACAGGCTACTTGCAATGCTCGGCTG
GGCTCTTCCAAGTTCCTCTCCAAACACACAACAGAAGCGGACCATCGAGCTTGCAACCAC
GGCTGCTTCAAACAATGGCCAGACAATAGAAGTCGGTGGTACTCAAGTGATCAACGCTAC
CCCGCTGCATCTTCCCGTGCTCCAGTCCCAAGATCAGCCTGCCACAGAGCCGCTCGACGC
AGATGTAATCACAATTCCAATAGATGCGTTCCAAGATTTGATACGATCCACAACTCCACC
GGGATCACCAACAGAATCCGAGCAAAACGAGAACGATCCTCGAATACGCATTACTTCAAG
GGAAGGTATCGTAGAGATGGAAGTCCGCCTACCACCTAGGATACTTTCCACTCATACTCG
TGTTGCAGAAGCCTCGGGTTCCTCGCGAGATGATGCAGCTGTGGAGCCGCGGGACCGAGC
ACGCTCAATAGACGGCCATGTATACCACCGCGTATCCCAACTCTCGTGTGAGCCTGCGCA
GATGATCAGTGCAATGGTGAGAGCTCAGCTTGTCGGTCTTGCCATGCTTCCGTTTAGGAT
GGTTACTTTGCGAATGGTTGCTTCACACCATCTAGTCAGCCAAGGCGAATACGCGGGGTC
GCATCGCATTGTGAATCCACTAGAGCTCCATGGCGATATGAGCTGGCGGAACATTGGCAC
CCAGCTCTCACGCGTAGCGCTCTGCGGGGCACTGGAGTTGGCTATCGATCTCAGTTTGTG
GGGAATGCAATATCAGGCCATTACAAAGTTTGGACAGAGTGTCTTCGGATGGGGTACGCT
ATAGGCGAGTCGCTCGCTTCGTATACAGCGTCAGCACCAGTGACATGCTCTTGCATTGCA
CTTGGACTTACCACTCAGGCGGGACGTTCCTGAAGTCTGCATGTGCGGTAACACCCGATG
CAATGGCCGTAGGGTGGCACCTTTGTGCGTTTCACGAGCAACTAGACTCGACTGCCGGCA
TGGAGAATGCTCCGAAGAAGAAGAAGCAGTAAGCAGTGCACAGCAGCGTCCCCACGATTC
CAACGGGTTGGCTTTTTATTGGTCACCGCCGCCATGGGGCATACTTGGTCTCGAGTCAAG
TGGATAGACGTTTGAGCGGATCGATCATGTTTGTTGGGGCATGCGCACAGAGGAAGATTG
CCGGCAGACGTTTGCAAGACATGATGGTGACTCGGAAGGCAAACGCGGCAGCACGTGCAA
TGTGGCGCTCCTCCCGCCAGCGCCAACGCGTTCGTCTCACGAGGCTGGCGCTATGCAACG
CAACTAGCACAACTGATTGGGGGAGCGAGATGCGACGTCGAGGTTTGGTCAACAAAGGCT
TTGTGACACGGAGATTGCGAATGGTTCTGTAGTAGAGCAATGGCATGTCGCAGGGGCAGA
GAAGCGAAGGATGGTCGGCATGATTGCCTGTGCAGGGGCGGATCAGCAGGGATCGCCTCT
GGGGCTTTACAAATACCGTTGACGCAAGTCGTCACTACAGAAACGTCGCTACCAGAAAAA
CCGTGAGATTCAGATAGAGCAGCAGTGTGCACGGCGCGCGGTGCAAGGCCAGATAGCGCG
CAGAGGGTTAGGCAAAGGTGGTCGGAGGACTGGTGCCATAGGACAATGGTATATAGCCGG
AATGCTACGCGAACAGAGCCGGGCAAGGGTCTGCAGATAGCAGCTGTGGGTGCGGATATG
TACGCTTGGACTGAGGCTGGCGGAGGGCTAACGTCTTTGGTGCGTAGAGGCAACATGGGG
GGAACAAGTTGAACCCACCAAGAGTTGACGACTGAACCCCTTTTCCACCCTTTCCCAGGG
TCGGGAGAGGGTCTTGTGTCTGATTTCTTCAGCCGTCCCCACAGCGCAGCCGTCGAGAGC
GATTTGCCGCCTCCCACTCGTTCTTTGCTTTGCACGGAGTTTTCGTCGGTCGTTCCTTTG
TCGGGCCCCTGCACATGCATCGAGTCCCAGGGGATATCCACGCTTGGGCTTTTCGGCGGC
CACCATCCTGCCATCCATCCCATCACCGCTCCTTTTTCCCCACCACGCCAGCACACTGCT
GCCGACCTCTTACTCAGACACGCCGAGTGCTGTTGTATCGCATCTTCACCCTCGCTTCCG
CCCTCGACGCCCTCGACGTTTGCCAGAGCGCGCTCCAGCCTCTTGCGTCAAACGGCAGTA
TCCACTGCACCTACCCGTCTCCGCTGCATTACATTCGCGCTTGCTTCCCGCATCCAGGTC
CCTGCCTGTCTGTCTGAGACTGACGCACACCCAACCAAGCCTGCCTCTCTCCCCTCCCCG
CAATACACAGCCAGCTCAGACTGCTTCCCCGGCCTGTTCGAATTCCGGTCACGACTACTG
GAGGGCGACGCCGGACATGTGCACTGTGGCATAGGCCACCTGGAAAAACAAAGGCAATCG
GGCCAAACACTGCAGCGCCAGCACCCTTCCAGCCTGCAGTAGCACTCGAACATACGCGCC
ACCCCCATCACCATGTCGGCCAACTCGCTGCCTCGCCCCTCGCGGCCGTCGATTGCTCCT
CCCACCGGTCCCTTGCCCTCGCTGCCCGTCCCCAAGCAAAGAAGCTCCAATGTCGGTCCG
ACGACGCGAGCCTCGTTGCTCCCAGGCGCCGCCAATACACGCGCTGTGTCTTCGTCGTCG
CTACCCTACAGGCCAACTTCCAAGCACCTCACATCGCCGTCCGTGCCGTCATTCCCACCC

GAGGCCGGTGCCGCCGGATCGCTGCCCGTTGGAAAATCGCTGCGCAAGACAGTCAGCATC
GGTTCCTTTCCACAACCACCCAGACATGGTGGGCGATCGAATCCAACCAGTCCGCTGTCG
ACGAGTTCGACGCCTGGAGGAGACATGGTCGATCGGAGAGTGTCGTCAATATCCAAGGGT
CAAACGCCTTCCAGAAATAACAGCCTTAAAAAGCCGCGAAGCTCTAATATTGGAGGAGCG
CGAGGTTTACTACCGAAATCGCCTCTATCACCCCCCAGTCTACTCAATGGAAGCGCAGAT
TCCGTCACAGTAGAGACAGCCCACCTCAGTCTCCCCTCACCACCGCAGAGTCGCAACTCT
TCACCCCAGGGATCGTACGCAACCAGCGCAACCACATTCGAGGAAGGGGAAGATGGACGC
GCAGATGGCAAGGTACACAAGGACGGCAAAGGCAATGTCATTGTCAGCGTTCGGGTACGG
CCTGATGCTGGGGCCAAAGACAACAAACACGACTTGGAGTGGGAGGTTAACAACAAGCGC
GCACTGATAGCCTACAAAGGCAAAGAGGGCGGAGACTACATATATGGTATGGTTGCATAA
CGAGGTGGAGGGTGACTGAGCTGGAGCTAATTTGGTCTGACATAGACAACGTATTCGATA
CCCAAGACAACAACGCCCGCGTATACGATGCTGCAGCCAAGCGACTTGTCCGGAGGGTCA
TGGAGGGCTACCACGGCACCGTCTTCGCCTACGGAATGACTGGAACCGGCAAGACGTTTT
CTATGCAAGGAACTGCAACAAATCCTGGTGTCATACCACTTGCCATCACCGATATCTTCT
CTTACATTCGTGAGACGCCTCAGCGAGAGTTTCTTCTGAGAGTCAGTTACATTGAAATCT
ACAATGAGAAGATTATCGATCTGCTAGCGGGACCCATTGTAGGCATGAACGGCCAGACCG
GGCCCGTTGAAGAGATCAAGCTACGCGAGGACAGCAAACGTGGTGTCTATGCGTCGCCAC
TAAAGGAGGAAATCGTGCAGAGTCCGACGCAACTCCTGAGGGTTATTGCACGAGGTGACA
ACTCAAGAAAGGTGGCGGGTACCCAGTTCAACGCGCGTAGTTCCCGAAGTCACGCCGTGG
TCCAGATTGTCGTTGAGAGTAGAGAGCGCGCTCCCGGCCCAGCAATAAATGGCGACAAAC
GGTCAGCCATTGTCCCTGGTGGTGTGCGTGTCTCGACGCTCAGTTTAATCGATTTGGCTG
GTTCTGAAAAGGCGGCTGATAACAAAGAAAGGCGGACTGAGGGTTCCCATATCAACAAGA
GTTTGCTTACTTTGGGTACAGTCATTGGCCGATTGGCTTCCGATAAAGACAAGTCTGAGA
AGGACAAGGGCAAGAGCGACAAACATTTGCCATACCGAGACAGCAAACTGACCCGACTTC
TTCAACCTGCCCTCTCCGGTAACTCGCTGGTCAGCATTCTCTGTACAATCCAGATCGGAG
CCAGTGGGAGTCCTGCTGCTGTCAATAGTCATACAGGTGAGACGCTGAATACTCTCAAAT
TCGCCTCCAGAGCCAAAAACAATATTGTCAGCCACGCCAAGAAGGCCGACGAATCTATGG
GTGCTGGTGGGGACGCAGGAAGTCGAGCGCTTCTAGATCGCTACCGCCTGGAAATTGAAG
AGCTCAAGAAGCAGCTCGCTGAAGGCAAAAACAAAGAACCCAAGGAAGAAGAAGATGACG
AGCTGAAAAGAGACAAGGAGGAAGAAAAGGCGCGCGAACTGGAAGACAAGCAGCGGCATG
AAGAGCAGATGCTTGAGATGCAACTAGCCCGAACAGCCCTAAAGGAGCGGATCGAGCATC
TTAACAGGCTGATTTTGAGCTCCAAGTCTATCGGTGTCAACAATGGCCGATCATTCTCTT
CAATGAGCTTCCAGCGCGGCTCCATCATGAGCACCAACCACCACGACATGCGCCCAAGCT
CTATTCGCTCTTCTGCTAGCCATGCGACCCTCGAGGTTCCCGGTAAAAGACAAAGCACAC
CACACCTCCACATGGACGGCTCTGAGGAAGACGACTCGGTTGGGGAGAATGGAGATGGTA
GTGCAAGTCAGACGGTGCAGATCCAAGCACTACAGGCTGATCTTGCGGATAAGAACCGTT
ACATCGCTACCCTTGAAAAGCGCCTGTTGCACGCTCGGCGATCGAGCCATTCTCGTGTCT
CCATGTCATTGTCACACAAGCTCACAAATAGTGAGGAGGGTGGTATGATCGCAGCTCTTG
CCGAGAGAGACAACGAGATAGTCAACCTGCGCGCACAGCTTGAGGATAAGGAGCGTATGA
TCGGCGCCCTCACATCAGCTCGCAAGAAGAACGACATTGCACATGAGATGGGCAGCGAGT
CACCAGGCAGCCGGCGCACCTCGGGTTATCAGCGCAGCGGCAGTGATGGTAGCGGGATTA
GTTTACCGAAAGGTCCAACGTCGCCTACACTCAGTGTAAAGACGCCCTTCCTACCCCCTC
CAGTTACCAACGGCTCTACCAAGAATATCGAGGAGATGACGCGTATGCTAGACGAGATGA
TTACTGGTCGCGTTGAAAAGACTGCCAGGCGAAGCAGTCTCAGACCAGTCACCGAAGGAC
CATGATCTTACCCAACGCATAAGATGGTGAGAGTCAGGTACGAATTCTTGCTTACACGAA
CAAACGAACCAGTTCAACCGGATATGAAACGAAGTACAGTAATGAGGATGAGGCGAGAAC
GTCAGCAACGAGCGGCGCGCGGGTGTGGCATCGTACTTGCACTTTTCCCAATCCCATCCA
GCAAACAACATGTTCATTCATAAAGGGACAAGACATTAGCGACAGGCGTTTAATCGGGGA
AACGGAGTAATGATTTGAGCCACCAGGCACATGGACTGGTAGGAAAATTCGGCGCAAATA
GCCGTACATGGGATTTTTATGTTACGCACATGGGTTATATCCAAGGGGGGCGGCTTTCTG
GCTGCTGCTACTGCTGCTGCTTGTTTAATTCACATTTGCGATATGGCGAGCCCTCCTGGT
GGAAGGGGATTTTGTAACACTACTACTTTTTTCTTCTTGTTTTCTATTCTCTTCATCTTC
TTCCCCTGTGCCGACCGAGGGACTTTCGATCTGATACCCAAACTCCCCACCCCATCTTTT
ACATAGCTTGTCGTTGAATTGTGTTCTTGTTGCGCTAATGAATACAATGTGGGAGCTATC
AATGAAGGCTTTCACACCTTGTTCTCGACGAGATTGTGTGTTTTTGTGTGATGTGATTTT
AACAAGCCGCCGTATTGATGTGTAGACAACTTGGTTGCACAACGTCTCGAGGTCTATACG
CAATACGATAAGCGCTACCTTACTAATTGTGAGCACCGTCATCCGCTGGATTTTGAGACG
CCAACACGCTAGCAATTTGCAGATATGTACTCCGAGGTTTGTTCATAGTATGTGGTGTGG
GGCACAAACTTGTCGTGCCTCGGGATCCTGAAGGAGACCGTACAGCTGCTATCTAACCTA
GGTACTTTTTACATAGTCGCCTCTCGTAGGATTCCAGGGAGTCAACATGCTAGCAATTTA
TAGATACTCCGAAGTTGTTTATAGTACGTGGTGTACGGCACAGCAGAGCCTACTTGCCGT
GCCTCGGAATCTTAAAGTTGATTGCCAGTTGCCGTCTTACTGCATGTCCAGCATGACATT
CTCAAATAGCAAACTTCCTTTAATACGTGTGCATATACATCTGACTACATGCTCTTTACC
CTAAACTTGCAGCAGACAAATCAGCCTACCTTTGCAAAGATCCCAAGCCACCATTGGTGT
GGTGTCACTGTCATGTGGTTTTGGCTGCTCAACTCTAGCATCAAAGGCGTTTAGCGCCGG
AGCGTGATCAGTCGACTAAGCACCAGTGCGTCAACAACGTTGCACTAGAGGGGCATTCTG
AAACAACGACGCCCTGGCCCGCGCACATGCGGCAAGATGAGGTCCCCTCCTGCGCCTTCC
GCATTCTCGCTGTAACCTTCCTGGATCAAGCAAGTGCGATCTCTGCAATCTTACCTTTGA

TCCTATCTTGGTCTCCGCAGCGCTTCTCGAGTCGTCGCTTCTATACCCTTGGGCCGCTTA
CTGGCTTTATCCGCTGTGCAAGGGACTCTCGGGCGCTCCTTGATGGAGATCATTTTACGG
CGGGATCCTGCTCGGACATCGGATTGTTTCTGGTTGTGAAACTCGTCGTGCACCAGGAGG
GGCCTTCTCTTCAAGACACGCCTTAGGTTTGCCCGCCCTTTCGAATGGCTTCTTGAACGT
CCTTCTACTCCTTCTTCCTTTGATTCGTATCTTGAGCGAACGAGGGGATTGAGTTATACA
TTCTTGTACTTTATTTTTCTTCTACTTGTTTTGCTTGTTTGATAGGCGGTGCCTACGTCC
CCTCCTTTGACTACTATTACATCTTTACTTGCTTGTTGGAGCGTTCTCTGCAGGGTCAGA
GGTGACGTTTACCTACCTGCATATATCGGCATTACAGCTTCGTCATCACTGTAGCACTGT
GCACTGCAGAAAGCCGTTCGACTTGGCCGTACCCTACATTCTCCCTCTTTCCACGAGCGG
TGACGACGCGCACGCCCATCACATCAGTCTACCGGGTGTCTCGCATTCGACATGCTAAAC
CAGGCTGCGAAGAAGCTTTCCAAGATGCATGTTAGACGGAATCCGAACCTGTCTATACAG
TCGACAGCGCACTATTCACAACTGAGCCCGCCACCCCAGTCTGCTACCTCTAGTGCTTTC
CTCTCTCCCACGGTCCCCTCGAGACGTGGCCTACTTGCGAGATCCCCACCACCGAGTCCG
AGCCTTCCTAGTCTGCTGCCAAAGCATGGAAAGAAGACTGCACAGCCGAATCATTCAAAG
TTGGTGAAGCGAATACTGATAGGCTGCTGCGGTGTAGCATTCCTACTATGGATTGTGCTG
AGGCAGATATACGCCAACTCGCAAGGAGCGGCAACTTATGAGGATGGCAACGAAGAAGAA
TGGGAGATGGTTGGTGGCAGTCAGTTGCCGCATGAACCTGTCGCCCTTGCGCTGCAGGAC
GCAAAGGGAAAGATGAGGTGGACTGTATCCATACCATCCGACTATGAATTCCCGCTTCGT
CCGGCGCAGTACCGTGATATCTGCCATCAATCTATGGAAGTCTCGAAAGAAATCAGACAG
GAAGCGAAGGCTTCGGCTGGCTTTGCGAAGAGAATGTTGAACTACTATCAACAAGACCAA
TATTACATTGATGTCCAGGAAGCGGAACAACAAGGACTGCTGCCACCATCTAAGGCTGCT
GGAAGACCCAAAAGCTTCGTAGAGGACGAGGCTATCCGGGATGGTATCTCTACGGAAGGA
CTCAAGGTCTGTGACAGGACTTTGACATATGTCATGGAAACGGAGGATGCAGGTTTTGGC
AATACGCTGATGCGTTTGTGGATGTCGTATGGTTTGGCGAAAGCCGAGAAGCGCGCCTTT
TTCGTTGATGACACTCGTTGGTATGTATCTACATTTCTGACTACCGGATGATTGACACTG
ACGCTACCGCCAGGCCGTATGGCAAGTACTCCTCTTACTTCCAGCCTCCCCCTTCCGCAA
ACTGTCTTCCTCCTCCTCCATCTCACATCGTTCCCTGTCCTCACACTGCCCGACACATCG
TCGTCAGCGGAGCGACGTTGAAATCCACCTTTGGACATGCCTTTACAGACGAGTGGGAGG
ATCCAACAAAAATGGGTGTGCAACGCCAATCGAAAATCTTCAACCTCGCCCGAACAGGCT
ATGAGGCTCTCTTTAAACTTCGCTCAGACGATGAAACCTACGTCCTCCAACGAGCGTTGG
AAATGTACGGTGAAGTTAAGAGCGAAGGCGGCCTCAGCATCGCCATGCACGTCCGCCACG
GCGACAAGCACCCCATGGAATACCAGTACCAAAAGGACTACATCCCGCTAGCCCGCTACG
TCGACACCGCCCGCGATCTCTACATCGATCTTGTCGAAGGCGGACTAAAGAAGAAAATGG
CCAAACGCAGTCTACTCTCTTCTCCATTTTCTTCCTTCTCTACCGACTCCCTCACCCCCC
GCCATACAACCTCGAAAATGATACTCGCCTCTGACGACCCCCTCGTCTACGACTCCCCCG
AACTAGGCCCTAACAGTGTTCGTGCCCAAGATCGCATTGTCCTCGCCACAAAAGCCGCTC
TCGAAGCCGCGCAATCCCAGCCGAAGAAGAACACGTGGATCGACGAGATTACAGGGTGGG
AAGGCGGCTTCTATCGCGACGTCTTCTTTTCTTTGGGACAACCTGTTGGAAACGCCGAGG
ACATGAAGAAGGTCAATGAGGAAAATTCTGCTGTTCCTGAGAGTGCAATGAAGCTGAGGG
AGCTTGTTGGGCGCGCATATCTGCTTGATTTGAGTGTGTTGAGCAAGGCGGACACGGTGG
TTTGCACAGTTAGTAGTACGAGTTGTAGGTTGCTGGCTGTTATGATGGGGTGGGGAAGTG
CTGTACAGGAGGGCAAGTGGAGGAACATCGACGGCCAGTTCGACTGGAAGGGAATCATGT
GGTGAGAGTTGTTCTTTCACCCCTTTCGTTTTTGTTTTTGTTTGGTTGCATGAGATGCTC
GGGAACAGGTGGGGATGGCAAGTGCGAAACGGCATATGTGCGTGTATAGAGATGAATATA
AACGGCCTAAAGGTAGATTTTGACTTCCCCTCTTTCTCCCATCTTGTTGAATTTAGAAAT
GTGGTATGAGAGGGGTTCTGCTATGATAAATGATGCTTGACAACAGCACACATCTCAAGA
AAAAGTCAATCTGGCTAGCCTATTGGTTCTGTCGGGTAGATTTTGGCTGGATTTTAAGCT
TCAAGGCAGCCCGAAAATGACGTGGTCGGGTCAAATCTGGAGTAGCAATATTCTATGTGA
GGAGTGCTACGAATGACTGGGGGCTGACATCCTTCATCTGCGATAGTAAATCCAGGCGCA
GGAAGTCATTGTATTGATTCCTCGACAAGACGATATTCCAACTATGCTCCCTAAAATATT
CGTACAAGACCGTCACCACTTCCTCTGCCTACCGCCCCTTTGGTTTCTGCCCCTTTCTCC
TCTCCCAAACCATGAGATATGCTTCCTTGGTAAACAACGTCTCAGCCCTCTCTTTCTCAA
CATACAAATCTTGAATACCGTACCACTCCTCTCTCGCTCGATCCTTGACCTGCACTCTCC
AAACCTTGCTTTCCTGCTCACCTTCAACACTGTCATCCTTTTTCTTGACCGCCTCGTGAG
TGATGTTGGCTACAAGATCATACCAGATAGGCTCGCCGGGAGGATAGTCTTGACTCGGCT
CGACGTACGGTGACATGTCAAGAGAGTGTACGGGAAACGTGACGATGGTTGGATTCCGTC
CCGAGACGAATTTGTTCTTGGAGAAGCGCTTGATGTTGAAGAGGAGGTAAGGAGGTAAGG
GGTGTAGGAGGCGGTAGCGAACGCGGTTCTTTGACTTTTCTTGTGGAGTCACACCGTTGT
ATTTTGAAAGGATATTGACAAGAGGGACCTGTGGGATGATGTTCTTCTCGAGGGCGTCTT
GGAACAGAGGGGCTGCCGGTAGGTCGAGGGTTAGTACGAGGAAACGTGATATCTCGGTTT
GAACGGCGGCGTCTTCGAAGCGGAGACGATCACCGGCATCAGCACGCGCAGTAATTTCTT
GTTGCTCGATCTTCAGTGTGCCTTGGAGCACTTTCTGGATTATGCTGCTGTTGGGTTTTG
TTCGCGAGCCGCCGACTGCTAGGTGAAGATTGTTGAGGAACCATGAGAGGAAGTCGACGG
GATCTGACTGGTCAGAGAGAGTAAAACGTTTTGACGATCGAAGAGCTATCTCTTGGAGGA
GTTCATGGGGTGAGACGTGAGTTTTGAAGGCCCGTGGGTTCCAAATCTTACGGACGAGGG
TGCTAAAGCGCTGTGCGAGCTGCGGCCGGGTCGACAAATCTTCCAGCATGAAATAGTTCC
GCAAAGGAGAAACATGAGATAGAGCTTGTATCACAACGTTGAAGTAATCGTTCGCTTTGA
TGTTGTTCATACCAACGAAACCTGGGATATACTCTCGATTGGAGAGGTCCCATGATACCT

TGGGCTCCTTGTCTAGCTTCGCAACCTCTTCTTTGTTCATACGCGGATCCACAACGAACT
TGATGTCGTCCAACGACTTGGACGTCACTTCGTAGCCCTCTGGGAGCACATAGACCTTCT
TTGTCTCCATATTGACGTATACGTGATGGCCCTCCTCCAGCGCGTGGAAGTATGCCTGCG
ATTTGGGGCCGCGACCTTGGTAGTATTTCCCGCATACTAGACAGGCATACACATTGATGT
TGGAGAGGGTAACGGAACATAGTTTCTCAAAGTCGAAGTCGAGGACTTTGCGATTTATCG
TATCAAGGTATAGATCTGTGTAGCCGGCTTCTGGGGCGGTCTGGCGTTTCGGCGCAGCGA
TTGCGGGCTCGTCATCGTCGTCGTTGTCGTTTAATGCGCCGGTTTCCTCAAGCTCGGCAT
GCTCCTCGTCGTATGCGCCTGTGATGTCTACTTTGTCTCGATCTTGCTCGCGCGGTGACA
TGAGATGGCCATTGCTAGTCGCGCCATCGGGCTGAGGGCTCTCCATCTCTTCATCTTCGA
CCTTGGCGCGTTTTGGTGCTGGAGAAGGCGCGTCGTACATTTCCTCGAGAGGTTCTAGCG
CCGGTCGTTTGGACATCTTGCGCAGGGAAAAGCGTTGCGAGGATACGGCAGTCGAGTGGC
AGCTGGAAGGAGCTACGAGTCTAGGTCGAATACAGCTGCTCGCGCAATTGGAGTGGTGAA
GCAGCGAAAGTTGTAGGCATCCAAAAGGTCACGGGCGCCGGTGGAACCATTGGCCGGGGA
AGCTCCGGGCGCAAACACGGCAAACACAGCTTCAACGCGGGCAGGTCGAGAAAAAAGTCG
CGTTCAGGCACCACAAACCAACAACCCCACACCTTCCGAGATACCCCTCTTTGCCTGTTT
ACGAGTGCGTTCAAGATGGTATGTCGCACGCCTCGCTGCAAAAGCAACAAAAGCACTTAC
TCGCACTTAGTCCAACCCCACCCAGATCTTTGCGGAGGATGTCACAGAGGAGAAGGGTGA
GAATGCGCGTCTCTCGGCCTTTGTAGGAGCCATCGCCGTCGGAGACTTGGTCAAGAGCAC
ACTGGGCCCCAAGGGCATGGACAAGATATTACAGTCTGCGTAGGTGCCGCCTCCTGCCCC
GCCATATGATGCCTGCACTGACATGTCTCCAGTTCTACCGGCGAGATCATGGTTACAAAC
GACGGCGCTACCATCCTCAAAGCGATTGCCCTCGACAACGCCGCTGCCAAAGTCTTGGTC
AACATCTCAAAAGTCCAAGATGATGAGGTCGGCGACGGAACGACATCAGTCACTGTCCTT
GCCGCCGAACTGCTGCGAGAGGCAGAGAAGCTGGTCGACCAGAAGATCCACCCCCAGACT
ATCATTGAGGGCTACAGGATAGCGAGTTCTGCGGCTCTCAAAGCCCTGGAGAAGATTGCC
GTGGACCACAGCAGCGACGAGCAGGCTTTCAGGAAAGATCTCGAGGCCATTGCCCGAACA
ACTCTGAGCTCAAAAGTGCTCTCGCAGGACCGACAACAGTTTGCGAAACTTGCCGTCGAC
GCCGTCCTCAAGCTGGGGGGATCGACCGACCTCACGCACATTCAGATCATCAAAAAGGCT
GGCGGAAAGCTGAAGGACTCGTACCTGGACGAGGGATTCATCCTGGACAAGAAGTTCGGT
GTGAACCAGCCAAAGCGGATAGAAAACGCAAAGATTCTGGTTGCCAACACAGCCATGGAC
ACGGACAAGATCAAGATCTTCGGTGCACGGGTCAAGGTCGACTCGACAGGCAAGCTCGCT
GAGCTGGAGAAGGCTGAGCGCGAGAAGATGAAGGCCAAGGTGGAGCGCATCAAGGCACAC
GGCATCAACTGTTTCGTCAACCGACAGCTCATCTACAACTGGCCAGAGCAACTCTTCGCG
GATGCTGGCATCTGCTCCATCGAGCATGCCGATTTTGACGGCATTGAGCGCCTAGCCCTA
GTCACTGGTGGAGAGATCACTTCGACCTTTGACCACCCAGAGAACGTCAAGCTTGGCCAC
TGCGATCTAGTCGAAGAGGTCATCATCGGAGAGGACGTGTTGATCAGATTCTCGGGCATC
AATGCCGGACGGGCATGCACCATCGTCCTCCGCGGTGCAACCGAGCAACTTCTCGACGAG
GCCGAGCGATCGCTACACGACACACTTGCCGTTCTGTCACAGACGATCAAAGAGCCAAGG
ACAACACTGGGTGGTGGCTGCGCCGAGATGAACATGGCAAAGGCCGTGGCGGAGGCGGCA
CAAAACGTGGCTGGCAAGAAGGCCATCGCTGTCGAGTCCTTCTCCAAGGCGCTCCAACAA
CTACCCACCATCTTGGCCGACAACGCTGGTTTCGACTCGAGCGACCTGGTCACACGCCTC
CGGAAAGCCGTCTACTCGGGCTTGACCAGCTCAGGTCTGGATCTCCTGTCCCCTGGAGGT
GGCATTACGGACATGAGGGAGCTTGGCGTCATTGAGAGCTATAAGCTGAAGCGCGCGGTG
GTGTCGTCAGCATCAGAGGCTGCAGAGGTAAGTCTACCCAATACGCGTGATTTGAGCAAC
GAACTAACACGACTCTAGTTGCTACTGCGAGTAGACAACATTATCCGAAGCGCACCACGG
AGACGTGAGCGCATGTAAGGGTGGGGTGAGCAAGCATGATGTCCTCAAGGATTTCGACAC
TAGATAGAGTGTATACTATGAAAGACACCAATGCATCCAGACGAACATGATGAAGACCAA
GCTTCTCCTTTGGTCGTGTCACATATGTGGCAGTGGGGGCGGACACTGCCGAATGTGGAG
TGAAGTTGCACGCAACGACAGGTTGGGGACTGTGAACAAACAGTTGCTTAGTAGTTGCGA
GAGCTACTCAAGTGCTCACATCATCTGTTTCATGTTGTTGTCTCGAATAGGAATCTTAGA
CTTTTACATGGTACTTGCCGCAGCATGGCAGTCGGACTTGGTAAGAAACATGGGTGTTCC
CCTTCTGACTGTGTCGTAGACCGAGCTGCAGGCAGAGTAGCAGACAGAGTCGGAGAGAGA
CGAGATATTTGCCAACAAGAACGATGCTTTGAAGTGATACTTGGCCGTGTTGCCGGTACC
TGCGTGGACAGCAAAGACGACGGGGCCAAGGTTGGTGCTAAAACAAGGGAAACAGGCGGG
CGTGTCGGCAAGGAGTTTAGTGGGCGGGCTGGCTGACGAGGCCCCGGCGAGACCCCCAGT
TTGCGGCGCACGCCCAGACAGTTGCAGCAGCCCCCGCAGGTTAATATCGAGGCCAAAATC
ACTGCTGCCATAGGCCTTCTTCTTCTTCTGCCCAAACCTCATCACCTCCCTCTGATGCTC
CATCACCCCCGCTCTCGCCGCCTTCCCTAGGCTTCCCACTCATCGACGCACGACCGACCC
GCCATGCCGCGTCCGCGCCGGCCGCCCGGTGCTGGCTCGACGCTCACCACGCTCGCCCTT
CTCATCATCACGCTTGTGGCAGCTCAGCAGCAGCAACCACTCGACCACCATGTCGGCAAC
ACGTCTCCCCACGCCGAGGTGCACGTGCAGCACGCAAACACAATCAAACCCCACCGCGGA
CACCCCAGCCTCAAAGACACTGTAGGGGACGCCCACAGACGTCATGCCTACACGCCCTTG
AACGACCAGAATGTGCGCGCCGTAGCTACCAAAGTTCCTTCTGCTCCAGCCATCAGTGCT
GTCAGAGCCCATCCTGCCAGATACGCTGCCTCGGGAGGCCTCATCCCCAGTGCGCGTTCT
CTGCAGGATTGGGAAGTTGAGGACTTTGTTCTCTTGGCGACCGTCGATGGCCATATCCAC
GCACGCGACCGATACAATGGAGAGGAGATCTGGGAGCTGAGCGGACGGCCCATGTTGGAG
ACCATCTACAACGTCTCCGAAGACAAGACCAGCCCCCACCACCAGCCCTTTGTGTGGGTC
GTCGAGCCTAAAGAGGACGGAGCTCTCTATCTCCTCACTCCAGGCCCCCACCCCCAGCTA
CAGCACCTGGGTGTCACGGTCAAGCAACTCGCCGAAAGTGCACCCTACTCCAGCGATGAC

CCGGAACTCCCCGTCGTCTACAACGTCGAGAAGAAGACATTCATGCTTCTCGTCGACGCC
GCCTCGGGCATTGTCAAGCAGAGCTTCACTCCGGGCGGCAACTTCCCCTACGACGATAGC
TGCGCTCCCGACTCCAAGAACTTCTTCAGCACTCGGGAACGCGATTGCCGTGGCATCATC
GACATCGGCCAGACCCAGTACACCATCACCATCCACAACAAGAAGACCAACGAGCATATA
TGCACGCTCAAATATGCAGAGTGGAACCCAAACAGCAGAGACAAGGATTTGCAGTCCCAG
TACGATCAGACCCTGGACAAGCAGTACATTTATACCATGTACAATGGCGAAGTCATTGCC
TTTGACTACAAGCGACCGAGATCGCACCAGCGTCCCCTCTACAGACAACGTCTGCCTTAC
CCGGTAGCACGTGTCTTTGATGTCGCTCGGCCTCTGAACGATCAGTCAAACGAGCCGCCC
CTCGTTTTGCTCCCACAACCAGCCGGCCCCATCTTCTCGGATGACAAAGCCAACCACGTC
CTGCTCAACACGACCGAATCGGGGGCTTGGTATGCTCTTTCAGAAGTCAATTACCCCGCA
GTCACCGACGGCGCACCCGACGCAGCTTGCTACAAGCAGAACCAGGTATCATACGACTGG
GACTCAGCCTACGTGTTGCCGGATAGGAGAAGCCTTATTGGTGTCCACAGGCTGGACTAC
AGGATCCCCAGCCAGCAGGCACAACTGCCAGGCATCGCCGCCACGACTTACTCTCCAACC
TTGAACGGCCAAGTCGTGTCTAATCCGCCTGTGACATCACCTCATGAAAACCCTCAACAG
CAAACGATTGAAGGGCCGCCTCAAACGCAGACGGCAAAAGCATCCATCACACTCTTTGTT
TCCTTTATGATTGCCGTTGTCGTTTTGGGAGCTACTGTGAAGCCAACAGTACGACAGTCC
TCCTTGAGCTACCTCAACAGACTTTTGCATCCAGCCAAGGCCACTCTGTCACCGACTCCA
CTGTCTGCCTCTACCGAGCCGGAAATCGATCAACCCGTAAAACAGGAGACTCTAACAGTG
CCTGTTAGCGAGGACGTCGTCCCTGAGAAGCCAAATGCAGAAAGTGTAGTAGAGGCTGAT
ATCGTCGCCCCTGTTGCTGAGGAAGTCAGGGAGAAGAAAGTGACTTTCAACGTCCCCGAT
GACGAAGATGAAGATCTTTCACCTCTCTCTAGAACCACGACGGTTGAACGTGGCTCTCCT
AGTGAAGACGAACCTACCCTAACTGGTTCCACACTCAACGCGGATGCTCAACCCATGACT
AGCAGTATCGACGACATTTCGCAGGACCCATCCGCCGCGCCCGCGACTCCTAAGAAGAAG
AAAGCACATCGGGGTAGACGTGGTGGACGCAAGCTCAGCAAGAATCAACAGAAAGAAGAA
GACGAGGTAAATCGCATCGTGGACGCAGCTAAGCAACTCGAGGTCGGGCCTCGCCTGCAA
CCCGATGAACTTACTGTGAGTGGTGGCGATGTACAGAATGTCTCCGAGATCAAACGGATC
GGCAAGTTGACGATCGACCAAGATCGTCTTCTTGGCAACGGAAGTGGAGGAACGTTTGTC
TTTGAGGGTAAATGGAAGGTACGTTGAACAAGTCAATCTGTTACGATTGAGCATGTCGGT
CGTCCAGCAATGACGGTTTCCACGCATTCTCGATGAGTATCTCATACTAATTCTCTTTGC
AGGAAGTCAAGGTGGCTGTCAAACGCATGTTACCACAGTACTTCGGACTCGCAGAGCAAG
AGGTGAAGCTATTACAGAACAGCGACCCGCACCCGAACGTTATTCGATACTTTGATGATG
AGAGGGATGAGAACTTCTTATATATCGCCGTCGAACTCTGCCAAGCTAGTCTGTTTGACC
TTTACAAAGACGGTCGTCCAGGAGAGGAACTTTCTGAAAGCCACCAGCAGTTGGTGAATA
AGATCAGCGGGAAAGCTGCAGCTTGTCTGTACCAACTCGCTGCTGGATTGAATCACCTTC
ACCATCTTCGCATCATCCACCGCGACATCAAACCCCAGAACATACTGATTGCACAGCCGT
TGATCACCTCCAAGGACGATGTACGGCTAGTGATATCTGATTTCGGACTCTGTAAGACGC
TGCCTGACAACGTCAGTACCCTTGTCGGAACGACTGGCAATGCAGGCACGGTTGGCTGGA
AAGCGCCTGAGCTTATCTCGCAACCGAAGGAGTTGGCCAACGGCAGCTCTCAAGGTTTCT
CTCGCGATTCATCAAGCTCCACAGACCCGGTCGCGCAAGGGGTCAAGCGAGCCGTTGACA
TATTTTCTCTGGGGTGCGTTTTCTACTACGTCCTCACCGGTGGCTGCCATCCGTTCGATG
ACGAAGAAGGCTGGATGCAGATTCGCGAATACAACATCAAAAAAGAGAAGTCCAATCTCG
ATCGCCTGCTTCTCGGTGCCGATTCCGTAGAGCCCCATCGTCTCATCTATTGGATGCTGC
GACCCAGGCCCGAAGACCGCCCCAACGCCTTGCAAGTCATGAACCATCCCTTTTTCTGGG
ACGATCAGAAACGCCTTGATTTCCTGTGCGACTGCTCGGATCATTGGGAACGTGAACCCA
GAGACCCACCATCGGAACACCTGGCAGTGCTGGAAGAATATTCGGAAGACGTACTGGATC
ATAGACGCAACTTCCTCGCCAAACTTGACCAGAGTTTCATCAACTCGCTCGGAAAACAGC
GCAAGTATACGGGCGACAAGATGCTGGATCTGTTGAGAGCGCTCAGGAACAAGAAAAACC
ACTACGAGGATATGGAGGATGCAATCAAGGCCAAGGTGGGGCCATTGCCGAGTGGCTATC
TGAGATATTGGACGGTCAAGTTCCCGCAGCTGCTGATGAGCTGTTATGACGCGGTGTTGC
GATGTGATCTGGAGCGCGAGCCGCGATTTAAGAAGTATTTCGAGAGCATGAAGTAGTGGA
CGAAGAATGTTATTGCGATTGATGCACACACAGACCGAACATGATTGTTTGTCCATTCGT
TTGGATTTGCTGTAGCCCTCTGATGAAGACCATGTGCTACCTCTTCAATCGACTGCCATC
CAGCTCCGCTAAACTCGCCTTTACCATGTCCGGGTTGTTGTTCAACAGCTCTTGCACCCT
CTTTTCGAAAGCCTTGATCATGAATTCTGCCACCTTGGGCGCGACGCCCCCACTCAAGGC
CGCATACATGGGATTTGCAAAAGCAAACTCTACCGCCAAACTAACCTGTGTCTGGTCGTT
CTGGATAGACTCGACAGTCCACGTACTCCGTAGATGGGTAAGCAAACCATTTTCGCCTTG
TTTCCTCTCTGTTCCCTGCTTCTCCCCATCTGAGTGGTGGGCGATATCGTCAATCTTCAA
GCTCGTTTCCGTGTTCCCGCCTACACTTTCCACATAGCGTCCCGGTATGCAATACACCCT
ACTCACGAAACTCTCGGTTATGCCACCAAAGCCGCTCGTCAAGATGCCTTCTGATGGCCA
CCGCCGGCCATGAACCTTATCTGGTGCCGACCACTTCGTTATGTCGCTGCGTTGGCAGTA
GGGCAGGAAGTTTTGGTAATTGGGTACGTCGGCTATGATGGAGTAGACGGGGTCCGAGGG
GTAAGGGAGAGTCCGTACGGCGGTCAGGATTTGAGGTGGCGAGGACGAGGATGGGAGAGC
GGAGTTTAGTGCTTCGAAAGGGTTGGGGAGGAAAGTTCGCCGTTGGGGGAGGCGCTGGGG
AAGACGCGTATAGCGGTGCACCGATGGGCGAGCGGATCGCAAGGATGCCATTGTGAATCT
ACAACAGTGGACAGCGGAGGTTGTATTGAGAGTGTCACCTCGACATGATACCTAAGGTTT
TCCGAAAGCCTGGAATCGATGAGCGCATCAACCTTCAGTTGAGTGTGGATTCGCGCCGCT
AGGAGATGCGGCTCTGCAATGACGCTGTCAGGGACCGCGGCCGCTAAACTCCTCTCGACA
TTAGCGGCTGAAATTTCCCCTCCATGAATTATCCCCATGCCCCGCGTACGCGACTCTAAC

AAAAGTCGGCCACGGCTGCGAAGATGGATGCCATGGAAAGCGCAAACACAGACGCCATGA
ACGGCCCAAGTCCTCAGGATAGTGGCGACTCGAGATTCCAGACGGACAACACCATGTCAA
GAAAGCCACAGCCTAAACAGCAATTATCCAAAGCAATGGAACATATGCGCTTCGCAGTCA
CAGTCGATCCTATACCGCATACTTCGACTTCCACGCCACCGCCAGAAGCCTCCGATGCCG
CATCTCCACCCACGCAACAAGGCCCCGAGAACGACGCTTACGGAGTACCTGCTTCTCTAC
AGCCTGTCCGCGCACCACCCTCTCGCTCCCACGACCCTGGCAACAACCAAAAGCGCAGTG
ATCCTTTCGCATTCGGCTCGCGCTACCTCGAGGAAGGCGACAACATCTTCGAATTCAATG
CCTGGGACCACGTAACCGTCGACTCCAACTACCTTGCCTTCTCCGAAGAACAATATTCCA
AACAACGGCAAGAGCCCGTCTCCGAGTTTGATCGCAAACGTTACAATGACCAGCCCGAGA
AGTGGTGGAACCAATTTTACAAGAACAACAAGACAAACTTCTTCAAGAACCGCAAATGGC
TGGCGCAGGAATTTCCAATACTAGAGGAACTGGGTGCAGAAGACGGACCCGAGGCTACCT
TGTTAGAAGTTGGCGCTGGAGCGGGCAACAGTGCGTTTCCCATCTTGCAGAGGAGCCAAA
ACAAGAGGCTGAAGATACACGCATGCGATTTCTCCAAAAAGGCAGTCGAGCTTATACGTA
ACCACGAACTCTACGACCCGGAACGCATACAAGCCGACGTATGGGACGTAGCCGCATCGC
CCGACTCTGAAAACGGCGGTCTCCCTCCAGGGCTCACAGAAGGCAGCGTGGATGTCGTAC
TCATGATATTCATCTTCAGTGCCCTGAATCCCAAGCAATGGGACCAAGCCGTCCGCAATA
TCTGGCGGGTCCTCAAGCCGGGCGGCCAAGTCCTGTTCCGCGACTACGGACGCGGCGATC
TAGCTCAGGTCCGCTTCAAAAAAGGCCGGTACATGGAAGAAAACTTCTACGTCCGCGGCG
ACGGCACGCGAGTCTACTTCTTCGAGCAGTCTGAGCTCGAGGACATTTGGGGTGGAGCAG
CCAGGAAACGCGATACGACGGTTGGCAATGTGGCAGATACAACAATATCCCAGACAGAGG
CTGAGGGCGTCATCGCGGATAAGATTGAGAGTCTGTCGCTTCATGATCCGGATTCGCAGA
CGAGAGAGCAGAGTCATGATGACGTTAATGATCCCGAGACCCCCAGACCGGGTTTTGAGG
TTGCGCACATTGGCGTTGATAGACGTATGCTGGTGAATAGGCAGAGGAGGTTGAAAATGT
ATAGGTGTTGGATGCAGGCTGTGTTTCGCAAGGCGGGCATGGAGAGTGAGGTGCCGACAA
GTACGTTGAGGCAGGATAAGGAGGAGGAGGAGGGCGGGGAGGGTGTAGCGGATGAACAAG
GAGAGAGCCAGGTGAGCAAAGAGGACGCCGTGAAAGGAGGGGGCGTCAAGGTCTGAGGAC
CTGTGTCTTGAAGACTGGAATACAAGGATCTGCATGGATGGGATGAAGATGAATGATACC
ATAACCTCTGAGACATGAAAAGATGCAAAAGCACAAAAGTTCGGTCTTTAACCCATTGAT
GAATCTTGGGAATCACTGTCATATGAAAGTGCATCGTGTTGAAATCGTACTGCATTTCTG
GTGTACAGCTGTTATGCCCCTGAATGAAGCCGGCTATGCTACGCTAAAAGACTATTGCTC
ATAACACAAGCGATGATGCATGCGCAAGAACTTTGGCGTCACGCTTCGCAAAACAAGTAG
ACAAACACAGAGCCTCAATCGAGGATGTCACAATATGATCCGTAATCAAGCCCCATTCCA
TGCGACCGGATCCAAAAGCACAACAACAGCGTCTTTTCAGTTTCCCTCCAGGATACCCTT
GAGGATGCCAGCTCCAGGCCCCACGAGTGAATCCGCCAACTCCTTCTCTCCAACAACGCT
AGCAACCCTGCGATCCTCAACAACAACCCCAGGAAAAGCTTTACCCCTCCCCCTGCGACT
AGGCGTGCCAGCGCCAACATCCAGCGACCCAGCTTTACCCTCCACCGCAGAAACAAGCGA
CAGTGTCTCCAGACTGCCTACGATATCCCTGAACTCAGTGCTCGTAAGAGGATGTAGAAT
ATTCTCTCGCTTACACAGCGCGGTGTAGGCTTCAAAAAGTTCTTTGATGGTAGGAGATGT
AGTGTGGGATCTTGACGGTGTGGCTAGAATGCTGTCGGCAGCGGTGGCACGCTTCCTTTT
TTCAATGGCGGAGAGCGAGCAGAGGACGGCTTTTTGTTGGAGGTTCAGGTTTCGCAGACG
TTGACTTGTGCCGTTGCTGAATACTGCTGCTGTGATCTTGGCCATGTGGGCAATGGTGGC
GCGGGGTGCGGTTTCGACAGTGAGGGAGCCCAGGGAGGCGGCGATGATGCTGTTCAGGTC
TTTGGTTTTGGTGGGTGAGCGCACGGCTGAGCAGGAGAGGTTGACTTTTTCAACTAGAGG
GGTTTTCGAGGGCGAGGGCGTGGGTGATGGTGTGATTTCTGTGGCTTTTTTCAAGTGTTG
GTCGCGCGTGTCGGCTTCGATGAGGTCGATTGCCCGCCGGCAGATGTCGAAGGCTTTGCG
TAGGTCGCCGGACTGGGCGGCTACTTTCTTGGAGAGGAATATGATGGCGGTTGGGTGGAT
GAATGGTAGTTGGGTTGAGCCTGGTGGGAGAAGGGCCTTTAGTTTTGAGGTAATGACAGA
GGATATTTGTGTGGCGTTGTATGGGAGGAACGGCAGTAGTTGCGGCTTGAGACCGCGAGC
CTTGAGCCGCGGGAGGAATCGATCTGTGAGATCCAGCGCGTTCGCAATGCCAACTAGCAC
AAGGCCCGATTCTTTCTGTAACGACCACTCAAAGATGTTGTAGAAGAGCTCAATATCCAA
GTCCAGCAGGTGATCCACTTCATCGAGCGTAACGACGTAAGATGTCTTCCGTTGCATGAA
AACAGTCCTAAGCGCATCCATCTCGTCGCCCTCTGCGATCTCAGTGATGTCGACGAACTC
CTCTAAAAGGGTTCTGTAGAGATCTGTGGCGTTCTTGACGCTCATACAATTGATGTATCC
GGTCCTAACGGCTTCATCCGATGAGACTGTACGACAGACATCGTTGACGAAAGCGCTCTT
GCCGGTGCCTGGCGGACCGGAGACGTATATGCAGCCCGATGTCTTCGTCTTAGTTCGTGT
TGTGATGAACGTGTCGAGTTCCTTCCTTTCATTTTCGCGACCAAACAATGCAGTTGGGGC
AGAGCCTCTTGCAAATACCTGACGCGCTTCATTGTAGATTGTCGGCCCTGTGTTTCGTGG
AGTGCCTGGGGTGTGTGGTGTGCGCGGTGTCAAAGGTCGACCGGCAATGATGAGTCGGTG
CCTGGGTGTGACGGCAACTTTGCCGGCAAGCGCGTCGCGATGTCTCGGTGTCGAAGGAGT
AGGCGCAAAGTTTTCTGGAATGTCCACGAGCGCCTTCTGCGGGGAGTTCTCCTTGGCTGT
GGAAACGGGGAGTCGTGTGCATTGCGAGGCATACTTTGCGGGTGTTGTGCCTGTCTTCCT
TCCGCGTTTTATCGACGCCTTCTCCTCGGGCTCATCCTCGTCCATTGCATCCTCGTCCAT
TGCATCCTCGTCGCGCACATTTTGCTTCTTTGGAGTGATAAAGGGATTCTCAATCTCCCC
TTCGTCGTGTATAACGAACTGAGTCCTCCGCTTTGCGCGCGTTGCGATGTTTAATTTTGA
CTCTGTAGAGCGCGTTAGGGACGTGTTGTCCGAGGAACTGCGACCAGAGCCGCCGTGGCT
CGTACCTGAAGCTTCTATACGTGCAGAGCTGCGAGTCCTCTTACCGAGAACGGTAGAGGC
CATCTTGGGCATGCTGTAGGAAGGTGCGAGGGGTGCGTTGCAATTGCCGAGAGTGTTGAG
AGCGTCAATCATGGAAGGAGCTGAGCGGCACACGAAGCACGCGCGACGCGTAAAGTGGTG

GTCGGTGCGCGTCCCGCCCCAAAAGTCTTCTAACCCGTCTTGTCACGCGCCTTTCTCCGC
CTCCCACATAGCACTTGAATCCAACGGCCCAGCATCACTCAGTCAGCGGTGAATATGACA
CGCGGGCTTCGGGCTTGTTGAGCTGTTTGCTGCGAAACCCCTGCGCCTCATAACAACTCT
CCAACGAGATCATGTCACTCTTCAACGCCTGGTCCACATCTACTGATCCTGGACTGATGT
GCAGAGCATGACTACTGTCTCACCACTGCCACTTCGTTTGCGTGGTACAATCGGGTTGCC
TTTTCGTTCTGACAATCCTTGTGGTGGTGCAAGAAGCAGGGCTGGTATTAAGCGTGCGAC
GTGAGCAAGCACAATGACCAGCAGTATAAGGACCTTCGCACACAGTAGCCATATCATAGT
CAACTCTTCTACTTCACCGCTGTCTTCGCACTGCCTTTTCATCATTTCACAGCGTGGTGT
GTTGGGCATTATCAACAGAGAGAACACGAAATGCCATATCAGACATACCCGTGGTGGTCG
AATGGCTTTGATTTCTTAGATTCACATGCGCGCTGTACCAATCCTCGATCGTCTCGAAGG
CTGCAAGCTCCATGGTGGGCGTTCTCAGAGCTCGCAGCAGGTCCATGCTGCGAGTTTTGT
GTTACTCATGACAACATTGTACGCTACATGCTACCCGCTTAGCCTTTTTTGATTACGCAC
GCCTAACAATGTGTAGCCGAGCCTGGAAGAGGGCCTCTTTGAGCTGAGAATGTTAGCACC
ACCATGTTTCGACCACGTCCTGGAGGCATACGAATGTATTCATCGCTACTACAAGCACGG
TTTCGATCAAGATGGCCCGGAGTCTTATTATGTGTCGCGTGAGATAGAGAGGCTATCAAA
GTTGTTACGCAAATTGTACTTTGCAACAGGTATGCATGAGTTGGCTTCATGTTCGGACCA
GTTGAAGTACACGGGAAGGGATACACAAATGAGTTCCAGACGTTTTCGATCCAGCGCAAT
GTCTAAGCATCGGAACAATCGTGGATCGTTGATGCCGCTGATAATGTTCTAGACATAGAT
GCTTGGACTGCTGGTGTTGAACTCAACTTGCGCTCATATCGAATGGCTTGGATCACGCTC
TAGAGATTTGCTGCGGTCGCTATTTGTAGACTGTCGTTCGATGTATGTTAGACATGTCAC
TGCTGCTATCTTTCCTGAGTATGCGATCGTTCTTTGAGAAGTCGAGCGGTGTGGCGATCA
TGACCTCGAAGTGAAGAACGAAAAATGGCTACTGAATGTGAAACAAGCCAGCTTGTCGTA
CGAAAGATTGCACATGACAGCTCTAGCTGTAGTTTTAGGAATGCTCTGGCCATGTATCGA
ATATCTCTGGTGTGACGTCGCTCTCCAACTACCGCACCAGAACAACTCATTAACTTTCTA
CCATGATTGGGTCTTTCTGCTGGAAAGCGTACGTAATTGTTCTAATAGCAATATATTCCC
TGTTCAGCAAGCAGGACTTGTATACTGGGGTACTATGCACGTTGTACATATACGCAGGCG
ATGGACCCCCGGCGAATGCGTGAGTGGCCATTTGGCAAAAGCATTGCAGGCTAGAGATTG
CTCGAACACAAGCGCGGCTCCGAGAGATGCAATGAGAAAGTGGCGGCCAAACAGGACAGG
AAGNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
CAAGCAAGTAGAGCGGTGAATTTGTTTGCTCCCTCGCTAATACCGTCTTGCCTCTGTCAA
TCCTGCGATCCACTTGGACGCCACCCTCGTACCGACTGCCACCACGACCAATTCTCTCCG
ATATTTGTTTATTCAGGTTGTCACAAGCCAAGATCAGCACACTACCCCTTGATACACGGT
AATGCCGTCTTAAGACGCTACTCGTGAGACAATGCGCGCTCGGTTCTTCAAAGGAATGGG
CGAGGCCACCTCCGATGCAGAGTGCATTCGCTCCGTGCAGCAAGTCATCCATAGTCTCCC
CAATATCTGCTAGACCGACCTAAAGATTGCGCTGCATGCTACTAAGATTGAAGAACGCAT
CCTCATCCTATACGTGGATCCCATCACCAACGCTATTGAGGTCCAGGTCCTGAAGAAGGC
CTGGTCTAGTTGACTACAAGACTATACTTAGCCGCCCACAGAGCACATGATATCGCTTTC
GAAGCTGGTCTTCGCAATCCTGCTTATACTGTCCCTTTGGCCCTAGAAAAGTTTGTAGCG
AAGGATGAGAGGGCATACATGGCCATGACAACGAGATGAAATTCAGAGATATTTATGGCG
ATGAAGTTGGAAGCTCAGGCTCCGGAAATTGCGGTATTGATAGGAAAGGTCCTGGAAGTT
CAGATCCAACCTTGGAAGAACAATGACCCTCAACCTGCGTAGAGGATGTGTGAGCGGGAC
AAGGATCGCAGCAACATCAGCATCAGCAGCAGTGACAACGACAAGACGTAGAGTGGAAAA
CGCAAGCGAAAAGCGGGCGACTAGAGAAGGCAATGATAGAATGTCGCGATTTGGAACGAC
GTACCTAGATGGCGTGGCGAACGACGAGACGGGGGCGATCTTCAGCTGTTGGGGAATGCG
TGGAAACGCAGGCTGTTCTATTTGCAGAGTTCCAGAAGCACTTAGGTAGCATCGGCGACC
AAATCTTGGGACCGACAGGTAGCCATGAAAAGCTTGTTTGCTGGATCACTTTCGCCTGTT
ATTGTTTCTTGCGGGGTGCATTGCCGTACCAAGCTTTCGGAAGGGATGCCCCGCCCCTGA
GTCGCCAACCGTGCGTGACACTTCAATTATGATACAACCACACTTTCTTGCTAACCTAAG
ACGTTCTTTTGTCGATGCAGTGCAGTCACTTGTACTTTTTTGCCTCGAAATCTGTGAGAG
CGGCCGTATTATGTAACGAAGGCGCTTGGATGCACGTCGCTGGGATGTGGAGCTGAATTC
CCCTCGCACATATGCAGAAGAGAACCGTGCCGCCGATCATGTCCTTCCTAGCGCACAGCG
TGCATCAAAGCAACACCGCGATGTTGTTTTTTCAGCCTGCTCAACAGAACCGATGTCTGA
GGCATAGCTCCTCATCGCTAAGGACGCGAGCCAGCTATGGTGTGATTACTGCACAAACGC
CCTTGGGGGTATTGTGCTACCGTATAGGCATGGGCCAACAGACGAGCATATAATCTGCAG
AGACCTGCATTTCGGAATCTGCACGCTCGTTTACTTTCGTTCCGAGTCAACATGAAGTGG
ACTTCGTCTCTAACGCTTGGTGCTGCCGTCTTGGCCTCTCTCGCGACGGCACAAGATACG
CCGACAAACGATCGCCAACCCACAGTGAGCGCGCCGTACGAGAACCCATGGAAGGCATTG
TCCGAAGAAGAAGCTGCTAGTATCAATGAGCTTCTACAAGAGAGAATGAGCTTGACAGGC
AACACAGGATCCAGCCGAGATAACTTTGTGTGAGTCTGGCAATCCAGAACATCATTGTGC
CTACTAACACCATCTCAGCGTACAGCTTGCCCTTCTTCATCCCAACAAGACGGACACTCT
ACCCTTTCTCGACAGCAATGCCACCGCACCAAGGCGTTATGCGCGAGCAACTATTCAAAG
CGGCACCACCAACTCGACGGACAAATACTGGCAAGAGTATATGGTAGGGCCGCTACCAGC
AACAAATGCCACTGCGGTTGAACCGTTGACATTTCCCTTCCAAAACTCTCAACCGGGACG
AACTCCCATGCATCCTTTGTACTCACCTAATGAAGCATCAAGTTTCTTCACGAGGTTCTC
GACAGAAGTCGAGGATATCTCAATGCAACTGTTCAACACTGTAAGTTAGAAGACATACGC
ACTGGGTAACAGCAAAAGCTTATATGTCTAGACTTTCTTTACTGGTAGCATTGGTCTCCG

GCTCGGTAGTCCCTTCTGGGACGAAGAAGGCCGAATAATTTCCTGGGCGGCGGCCTTTCA
GGATCCAGGTACCAAACTTAGCAGTGTTACAGTGGAGCCGCTCGGTTTTGCTGTAAAGTT
TGATTTGACTGGACAAAATTCGGACAGTTGGAAAGCTGTTGGCTGGTACTCGTACGGACA
ATTTTACGCCAGTACTGAAGAGTTCCGTGCCGCAATCAACCAGCCCGATTACCAGAAACC
ACCACCGAATGTACTGGGTAACTGGACGTCCACTGACAGGCAGGGAACGCCCATGCCCTT
GGACCATCTACCACCACCGGCGTCTATTGCCCAAGGAGACCAGCGATTCAAGATTGATGC
TGAAGAGGGATACATATCTTGGATGGACTTTACATTCTACCATGCTGTTTCCCAGGATCT
TGGCCTTTCGCTGTTCGATATTAAATACAAAGGCCGGCGTATCATTTATGAGTTGTCTCT
GCAAGAAGCTCTAACGTCCTACTCCGGAACCGATCCTTTCCAATCGCAAGCAACATTCTT
CGACACTACAAGTGGTATGGGCTCGACACTACAGCCTCTTGTCAAGGGGTACGACTGCCC
TAGCCATGCGACATATCTACCTGCGACATGGACCGAAGGCGATACACTCAAGACCCAAGC
GGATGCTATATGCATATTTGAGTTTGATGCTGGCTACCCGATCCGCCGCCACTCTTTCTC
ACCATCCGCACCACACACCAGTGTAGCAAAGAATATTCAATTCACCATGCGTACCGTAGC
CACAGTAGGCAACTACGACTTCATGATCGACTACAGCTTCTTCTACGACGGAGGCATCGA
AGTATCCTCTCGCTTTTCTGGATATATCGCCGCTGCCTATTGGGAGGACCAACCGGAGTA
CGGCTTCCACATCCATGACTTTCTCTCAGGTAGCTCACACGACCACACCCTCACGTTCAA
GGTGGACTTGGATATCAACGGAAGGAAGAACAGTGTGCAGAAACTGCAATTTGTGCCAAC
TTCCACGACATATCCCTGGAGTCAAGGTCGAGTATACAACACTTTTAAAGCCGAGCGATC
ATGGGTATCCAACGAGAGCGAATCCAAGATCAATTGGGCAGAGAACGATAACACATTGTA
CGCCATTGTGAATAGGGATACACCGAACCCATACGGCGAATACCCGGGTTACAGAATCAA
GAGAGCTGCCGGTACAATCCATCTCACACAAACAAACTCGACAAATACTGGCAAGACGGG
TTCCTTTGTGACGCACGACTTTTACGTTACTCAGCAAAAGGAGACGGAGCCGAGGGCTGC
GGATGCCAACAACCAGTTTAACAAGGATGATCCCTTGGTAGATTTTGCATCCTTCTTCGA
TGAGGAGACTTTGGAGCAGGAGGACTTGTTCGTAACCCCATTCCTTATCAGTATCGCGGC
TGATGATATATAACACCTTACTAACAAGACACAGAGTACTCTGGTTCAACCTTGGCATGC
ACCACCTCCCGCATACTGGCGATTTGCCAAACACAATGTTTAGCTCTGCGCATTCTGCCA
TGCGATTCGAGCCACTTAACTACCTCGTCGGCGATCCATCTGTCTCGAGCAACCAGCAAG
TTAGGATCGAATACGACGACCAAGGTGCTGTTACGAACGTGGATGAGTTTGGCAAGATGT
CTGCCAATGCAACTTGCGCTTGATCTGCTTCGAGGTGGAGAACTGCATGCTATCAGGCTT
GCACTACTTTGTTGTTTCTGAACTGTCCATAATCATTTTCTTTTCTCAAATGCTGTTACT
ATACTTTGTTTCTTGTCTATCCAACCTGTTGCTCTCCAAATGATGTGCATAGTCCCGCAT
GGTTAGCTTGTTCGATTTTCTAGCATTGATCCTGTATTCAGTCATGTACGCATTGCTTCG
CCTAACAGGGATTGTGCCCCTCCTCAGCAACGCCTCTTCGTGTACGCACATGCAGTAAAA
ACCTGTTGCGGATGAATCAAGTTGTGGCGTAGCTGTGCTGCATCACGCAAGGTCCAGGCC
CTGGCTTTACAACCTTTCGTCCTCAACGTTGAGTAGCTCTTATTTCCAACAGGCACTACG
CCAAACGCTGGCAATGGCTTCAGGCGTACTAAATCACACGCGATTCTACGCCTCTGACTG
CCAAGGAGGTGAATACGTAACACGCATGCAGCGTATGGGTCATGACGAGGTCTATCCCGC
ACTAACGATGTGTTCAGGTATCGTGCGCACTCCTATCGGGATGGCCGCCATCTATTGCTA
CTTTAGATCGATGCGAAGATATACAGAATAAAAGTAGAAAGATGAGACATAATTCCAACT
GTCTGTATTGATGTCTTTAAACAAAAAAGAAACTTCAGGTTTTTCATCCAGTCGCGATCT
TTTTAATGCCGCATCATTTGAAACAGACGAAAAGCCGAAACGCAATCTTTCTCCTTGCAT
AATGTAGCGCAAAGCGTCATTTTGGGTACGATGAGCGCGCAGCGAAAAGAACTTTACGGA
TCCTGTCTTCTTATCAGCCACCATGGGTGAGATCGGGTAGAGCATTGTTCCTCTATACTC
AAACTCATTTTATTTCACGAGGTTGTCCAAGTACCCCATAGACAAACAAAATAATGTGTC
GTTTAACGGAACTGCTACAAAAGGCTTTATAGAAAGACTTTCACTCATTACCATCCAGCT
ATTGGTATCAACGTGTTTTGCGTATATTAGCCTATATTGGCAGCCAACACCGTCGTTCTC
GCCAGCCTGATCATGCGCTGTGCTTCTTCTTCTTCTTCTTCCTCCATAGTACAGTAC
ACCCCGCTAATGTCTCCCTTTCTGTAACGTGGGATCATGAAGCCGCAACTAACGGCTTCA
CGTGTTGCTTCCAGACATCTAGAAATGCCCTTCTATCCTTCTTGCTTTGAAACTTGATGT
CCAATTCCGAATACCCAAACCGATTTAGGTTGCCCGCTCTCGAAAACCCACTGCCATTTC
CAAATATGCTCCTCGGCGACTGGAGCGAGCCGTTCAGTGACCCTGAGGCCCTACTTTCTG
ATCGCGCCAATTCTGGCATCTCTATAGAGTCGTTTCGTTTCCTTTCGAAGAGAGAAGAGT
TCACAGGCTCGGACTCGGACCGGGTCGATGATTTGCGGCGTTTGAACAGCTTATCGGTCG
CCCAACGCGATGGGTCTTTTGAAAAGACAAGAGTAAGCTTGTCGCTTTCTTTCTTGTAGA
TAGAATCTGCAAGCCACTCAAACGCGTAATGTGGCTCCTCGACCCAGTGACCTTTCTCTT
CTTCTAACGCGCTTGTGTAGAATAGCAAAACCAGAACCTCGGATGTGATGAGCTCGCCAT
CTACCAGCTGCGTCTCAACGCGCCGCCATAATCGCAGATTCTTGTTACGACATTCAGTTG
GATTTTCGTTTGACGATATAGCCAGGATAGGTCGATCGAATTTAAGTTCGGCAGGATCGA
CGCCGTTGTTGGTGTATAGTAAGGTTTGGAACTTGTCCGCTGATTCGTGACCAACAAATG
TGTATTTAATGTCAATGTACTGTTTGTATAGTCTTCCGAACGAACCACGTGGAAAATCAA
TAGACACTGCACCGTCAGCGTATGTGGTAGTCAATGGTATCGATGGACCGGTGGCAGGGA
AATGCTGTTCAGTCCAAGTGCGTAGTTTTCCATCTTGGCTAGAGTAATATACTGCTCGCA
GCGAGATGCCAGTATCTTCTCGATATCGCCACCGAACGTCGCATTCACGGTTCTCGGACC
CGTACTTTAAAGACTTTCGTTCAACCTGCACATTGCGACAGACGCGCTTCCAATCGAGTG
CAGCGTCACCTAATGCCATGGTGGCCAGCGATGTGCGCGAAAGACTGCGTTGCAGCGTGG
GAGATAGCAACTTTTCTGGGGTAGTACCTGCTGAATAGCATTCGCTACTTCTTGTTGTAG
ACATAGAGGCAGTTCGGCCCGAACAAAGAGACTTTGATGTTGGCGACTGTGTCCAGTTGA
ACGAGCCAAAATAATCTGGGGATGATGGTCGTATGCTCAAGCTGGGACGGATGGTGGCTG

TCGAGTCACTCATCAGTTCTTGGCCAGACTCCGTAAAGTCACCAGAATGGTCTGTCTTGA
GGGTATACACTCGCAGTGGTGCTGGTGGCATATCGCGGACCTCCTGCTTCATCGTATCGC
TCGGGACCAGGTGTGTTCGTTTCTCGGCAGTAGCCCGCTTCGCGCGATTTTCTTCAATGA
GTATCGCATCGTCAACCTGTCGCCTAAGTTGATACAGTACTGCAGCGGTTTGAACATCGC
CACTCGGTACAGAAGCGGGTATGTCGCCTAGCGATAGGGGCCGTGACGATCCCGCTTCTT
GAGCTATGCGTTCATCCTCGCTTTGTAGCCATCTATCAAAAATCTTCCATTCGCTGAACA
ATGGGTGTTCGTCAGGAGGCGCAAGCGCTAATGGCGTATGGTTACTGGAAATTCCAAGAC
TGTGAGTGGAGTATGAGCGGCGACCCATGTTTACTGTACGAGATGGCGCGGCATCGAGAA
GGCGCTGAGTTTGCTTTGTTGCTTCGAGATGAAGCCGTCTAGTGGCGGTCAGCGACTAAA
TTCTAAGCGCTGAGTGCGCATGACGCTTACAACTGGAGAAATGAGATGCACATGTTGAGA
GCTTGATAGTGACCGCTGATCTGTTTTCTAAGTCCATCGATTTCTTTTTCCATCCCTATA
TAGCGGATAGTGAAGATGAACTTCTTAACAGACATCTTCCTATCGACGAGATGATCAGCG
TATGGTTCCAGGGTCTTTTCACACTTCTTCAGCGTGTCTTCGAAATCTTTGACGGGAAAT
GGCATTGTTTGGCCATATTGTTTCATCAATTCGCCTAGCTGTTTGAGACAAGTATGGAAG
GTGGTGAACTCTTTCACAAGCCCACTAACTTGAGCTTCTGAGTTCTCATTCGCATCTGAA
TGTAGGGATTAGCAAGCTGATCCCTGGAAGATACTGATGCAGGGTGGTAGCTGAACATAC
CTTTGAAAGCAAGGTATACACGAGTCGAGATCTCCAATAGCTTCAACACATCGGATGGAC
TACATCCAAAAGACATTTCGGTTCTCTTGCGCCGCGCTCAAGCGCAACACAGGATGTTTA
GTGACTGACCATGCGTTGTGGAACTGCTAGTACACAGTGGAGGCAACAGTCAAGAGAAGT
TCAAGCCTCTGAGAGACGCAAACGGGGTTGTAGAAGAATCCTCCAAGCTTACATCCAGCT
TCCCGACATGTGCATAACTTGGCTAACCCAAAGGCAGACCGCTGCGACATCTGGAGTGGC
TTAGCATATTATCTGACATGCTACTAGAGCCCAGGCACGCGCATTTCTCAAGCCTTCCAA
CGTCGGAAGCACTACTTACAGCCGTGATCTTATTCGAGAGCGGCATACAGCTCGTATTCG
TGCATGTGGCGGTATCAGGATGGTTCACCGAAACCGGTATGGCGGCTTTTGACGTTCAAT
GAGGATGCGAAGATCACCACGTGGGGAGGCGAACGGCCATCGTCGACTACCAGATACCCA
GATTAGCCAACCATCATCATCCAGGACCGCGCGGCTTCCACTCAAAATATCGAAGGCAAT
ATCATGATTCCATCTTACAGACATTCTGACAAGTCCAAAGTCCACACTGTCCACCGCAAC
TGTGTGTTCATTCTTGCGCTGGCACCCGCCCTAGACATGACGAGTCGCAGATGACATCCT
CAATTAGCCATCAATGGCAATCTCAGATGACCTGTAAGGTTGACATGTCAGGGCTATGCT
GCGGTTTTTCTGCAGCATCAAACGCCACCAAGTCTGACTTCGGCGAAGAGAACAAGATTG
GACACGATGAGGAAGAACCCATGAGTAGCGCCAATTCCAATGCACCCCCTTTTGTTGACC
GGTTTATTGTGTCGCCTCGGGCTGTGCATAAGTTTCTAAGAGTGGCTTCGGTGATGCGCA
TCGTAGTGGAGGCTGAAGCTTCGTACGCCCTCAATATGAACTGCGCTGCCCCGAGAGGAT
TGTGTACAACAAACGACGCAACACAAAGAGATTTTGCCAAAGCATACGCGCTGGGGTGCG
ACTACCTGTTGTAAAAGAGGTTCGTCATTGACGCGACGATGGGTCTTCGGAACTGGATCA
CACGACCAATCAAGAGCCACCATATCGGGATAGAGGACTTGACCGCAGGCGGGGGCGGCC
TTCCTGTGAGTTATTCCTGTTCACACGCAATGAGTCCACTGCTTGTAGCTGTCTTGCTGA
TCTTAGTGACAGGAGATAAGGCGTCGGCGATGGACGCTCGCAACAATCGATTCAGCACCC
TTCCAGGTCTGGGTAGTGGCAGTCGCTGGCATCGGCTTCCTAACAGATGCGTTCGGACTC
TTCGCCTTGAATGTCGTTACTCCTATGTTAGGTTACGTCTACTGGCCTAACCACGACGAA
GGTGGTATACCCTCGGTGCCGTCCTCGGTCAAGACGGCCATGATGTGTTCAACACTTGCG
GGTACAATGTTAGGTCAGATAGGATTCGGCTTCGCAGCAGATCTTCTGGGCCGACGCAAG
ATGTATGGGCTCGAGTTGGTAATCATTATCGTCGGTACGATGTTGCTACTCATGAGTTCG
AACGGAGAAAAGAATAGCATGGCGATTGGAGGGTGGCTAATAACCTGGCGAGCGATTATG
GGTAAGAAAGAGTGACCTGGCTCATGGATTCTTGATAGTACTGACGTTACAGAGGCATTG
GTATCGGGGCTGACTACCCTTTGAGTGCTGTATGTATCGATATCGAGCGTGATCGTCGCT
TTACTGATCGTGAAATAGGTTATCACTGCGGAGTTCGCTCCTCGCAAGCACCGTGCGCGC
ATGCTGAGCTGGGTTTTCTTTGCTCAACCTGTTGGACAACTACTCGCCAATGTCCTGTCG
CTTGCTGCAGTAGAAGCGTACAAGCCCTGGATCAAGAATAATGTAGGATCTTGTCAACCT
ACCGACCTAGAGTGTTTTCGAGCTATCGATCGGCTGTGGAGACTTGTCATCGGCATTGGC
GTTGTGCCGGCTCTCATTGCTCTCGTATTTCGATTTACAATCCCAGAGAGCCCAAGGTAT
ACACTGGACATCTTGCAAAACACGAAAGGTACTCTCGAGGACACCGCGAACTTTTTCGGC
GCGCCCGAAGCGAACCCTGAACATGGCGAGGTTGAATTATTGAATGTGCCTGCTTCATCG
GAGAACCGAAGGCCTGCTTCGAGGCATTCAACTACTTCTTCAGTGATTGCACCTGACGAG
GATGTTGAGAGCGACAGTGAATCCGAGCACCGACTCAGTAACGTGCATCTTCGTACCACT
GCAGTACCGCAGGTCCAGCTTTCTCCAGGGGATCCAGAGTTTTCCCCTCCACTCGCCTCA
TGGACCGATGCAAAACAGTTCTTCATTGCTGAGAAGAATTGGCAGTACCTACTGGGAACA
TCGTTGGCTTGGCTGTTTCTCGATTTCGCATGTGAGTAGACCACTAAGCCGCTGCGACAG
ACTTACTGACTTTGAGGCAGTCTATGGGCTGGGTCTATCCTCACCAGAGATTGTCAGACA
CATCTGGCCGGGTGGTATCAAAGCTGAGTCGTCTGTGTACCAGACACTGAGCGATAACAG
CAAATATACCCTGGTTATGGTTTCCACAGGGACAGTTGTGGGTGGTCTGCTGATGATCAA
GATCGTCAAGTATGTGTCACCGAAAGTGATCCAGTTCTGGGGGTTCCTGGTTCTGTTCAT
ACTTTTCATCGTAACCGGGAGCGCTTGGACGAACTTGCTCGACAGCANNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNGATCTTTCTGGCGTATGCTTTCCAAT
CCGACAAGTCTAAAAACCAGGACGATTTCAGATGGGAACGACAGAACTTCGGGCACATCT
TACAAGTCATGAGCGCGTTCATGGTAGCGGGTGCTGTGACGACATATTTCTTGGTCCCGG

AGACGAGGGATCACGACAATAAGAGTCGAACACTGGAGATTCTGGCATGCGGCAAAAAGG
TCATTGATGAGCTGAACCGTCAACGGAAGAAGGAAGATGAGGAGGACTAAGCCTTTAGCG
CGTTCGGTAACGCGAAAGTATTTTGAATCAGTCCAGGGCCTGGTAACCTTAGTGCAAATG
TGATGATGCCATGGCGGGCGTGTTCGTGGGTTCATGTTGGGCTTTCGCAATCAGTTGTCC
AGCCACCTAGATATGACGCACCACTCTTAGACACTAGTCCCACTCGGTACTAGACGAAAC
CCCTCCTCCAAGGTGCCGCCCTCCATTTCCGAACTCCTACAGTTTCGAAGTCTTGAGAAA
TCCAGGGCTATGACTTGCAACTCTCTCGACGAGTAATACAAGACAAATTGATAAAGACCG
GTCAACACCCCTCAAATGTACTCAATTATGAAAATAGGATGAGCGGAATTACCTCCAGAT
CAGAAAGAAATGCATAAGGTGTGAGTAGTATGGAGTAATAAATATTTGTTGAACATCCTT
GGTGATTGAGAATTGCCTACTTTTGCTTCACAGCTTCATCAACCCTCTTTCCTTTCTACT
GCCAGATCAATGTAATCTTCTTCCACCACGGCCCTTTCACTGTTCTTGCTGGTACTTCCT
CAGCGAGAACCTGATCCAGTCCTGTCTTCATGTCCACCTCCGCTGGATCATAAGCCCAGG
TATCGCTCCAGGCCCAGATCCGGTGTCCTCCATAGAACAAAAAGAACATGGGAATACCAA
CGTATGCAGTGAAGAAAGAGCTGACGTCCCACTTCTCAGGCCAGAAGACATCAAATCCAT
TGATCAAACACAGGAAGGTGAAGCTAATGATAACGCACCAAGCTCCCCACTTGTTGACTG
GTGAACGATATGGCAGGTCGGTGATATTTTGCGCTTCACAAGCTTTCCGGAAACGCAAAA
AGATGATGCCGCAGCAGATCCACGAGATGAAGCCAGACGTGTTTGTCAAGTTGACGAACC
AGTTAAAGACGACGGCGCTCTCGCTGCCTACGTTCAGGTATGCTAGGGCACAGAAGAGTG
AAGACGCTGTAACAGCCCAGTATGGCACACCAGACTTAGTGCATGATTTGAAGATGGAGG
GCGCGTTACCAGAAAGCGCAAGCGCATATAGGGAGCGCGAGGAGAGGAAGAGGAAGGAGT
TTCCTGATGACCAAGCACTTATGATGATACCGGCGTTGATAATGCTGTCGAGTACCCTAG
ATGCGTGTATACGAGGTCAGTGAACGGCCCACAATCAGTTCGTACAGGGCCACTTACGGA
ATACCGGCGTTCTTGATGCCTGCGACGAATGGTGACGAACCGGCACCAGATCCCCCAGAG
GTGATAATGGGATCATTTGAGGGACAGATAACACCGATTGCAAGCACACTGCCGACGTAG
AAGAAAAGAAGACGGTAGATATATCGGCGTGCAGCAGTAGGCAGGTTCCGCCGCGGTGAC
TGCATCTCACCACCTGTTGCTACAAGAAGCTCGGGGGCAAATGTAAACGGGAACTAAACA
GGGATTAGTGAAGGTGAAATAGACCTTGTGGAGCTGTTCACTTACGGCAGAAAGTACCAT
GGTGGATAGCAGTGCCACAAACCGCCCCGCATTACCCTCTTCTAGATATGTATTTGCCGC
GCCAGGGTTCTTCCAGTATCTGAAACCGAGACGGTCGTGCTTGGGACCACCGCCCCAGAA
TAGGATGAAAGACAAGATAAGCAGTCCCAAAATCATCACAACCTTTGTTCCAGCGAACCA
AAACTCCGTCTCGCCGTAAAACTTGACTGGGAAGCAATTCAGCCCGACGATGACAATGAT
CATTATCGTGATCCACACTGCGATGTTCACGGGTGGGTTCCAATACTCAATGACCAATCC
AGCCGCTGTAATCTCGTAGGGTACCAAGATCCCGAGAGAGTAAAAGTATAGCCATCCGAG
TCCAAAGCCCATTGAGCGGGAGACATAGCGGTATCCGAAGAGGTTCATAGAAGACCCAGG
AGTCGGGAGATAGGCGGCGACTTCGATGATACCTGCAACAGTGCAAAAGATCAAGAAGGA
CATGGCGATATAGGTGGATAGGATAAAGGCTGGACCGCCGCGAGCGAGGGTTTGGCCTGA
GCCGACAAAGAGACCAGTGCCTATTGTGCCGCCCAAAGCAATCATTTGGGCATGTCTGCT
CTGTATTAGCCCCCCAAACCACACCACACCACACGAGGAACAGCCAGCAACTTACCTTGA
CTTCAGACCTCGATGCGTGGTCTCATAACGCTCATCAAAGATCTCTCCTGCAATGATGGC
CGGATCGACAGCGGAACTCTTTCTACGACTTGCCGTGTGCGAGTTTCGCACATTGCCGAT
GCCATAGTCCACATTCTGTTCTCCTACAATCGACTCCTCGACCTTCTTCTCAGACATGTC
TGCGTTGTCAATCACTGTACTAAGGATCAGTTTTCGATGTCGTGGAATGCTCAAAGCACG
TCAGGGATCCAACGCGCGGCGACGCAGGGCTTAAGAACTCCGTTCATGTACATGCAGCCG
AGATAGGAGCAATCCATGCGGTAGGCTCAAGCAACCCTTGTCAGCATGCCATGGCCGGTA
GTCGTGCAACCCAAGGAAGGCTTGTCCTCCTAACGTGCGTAGTGCCAACGCGAATGCACC
GAAGCCAGGCAAGATGGGCTCCAGCTGAAACGTCGATATGGTCTTCTCCAGCCGCTCACG
TCATGTTGCGAACGGTGGTTCGGCGGATTGAGTCGAGACCGGCAAGGGTATGAACGAGGG
CTGAAGATAGGCGCCGATAAGCAGGATGGCAAGCGATTGCAAGAGCTGATAAGCTTCTTC
ATTCACACTGTAGGGGGAAACTAAGCTCTTTGGAGAGGTTTTCGGGATTACATGTCTATC
TGCGGTTGTCTTGCATCCAGCACTGTATTGACTGGGCATGTGTAGATGTGCTGCGCGGTA
CTGGAAGGTGCGACAATTACGTTCGGAACCATGGTGTATATTTGACAAAGCAATGGCTAG
GCGGCTAGTCCCATTTACGTGCACGTACGAGTCCGGGGTATGAGATACAGAGAATAGTGA
TACCTGAAAGATGCCCACTCAGACGGCGTGTTGTTATCGCAATTCTTCGACCAAATCAAT
CTAAACTCGGTCAGGATTAGCACGCGGCCTAACTACAACAGGAGGCGGCAGCGCGGACAT
GCCTGCTCGCGTCAATTTCTCATAAATGGTGGAGTTGATAATCACTACTCAGGACGAGCT
TGAAAGCCTATTATCCTCTTGATCATGATTTTGACCGAAGGATCACCAGTCACTAGGCAC
TGTTGGCAACCGGATCGTAGTGTACAAAACGACATGCTCGAGTAGACCCCACTTCGACAT
GCCGCATCTTAGACAGCCTCGGGGATGGGAAACCGCCCCGCCTCAGAGATCCCCGCCCCA
CGTTCAAAGTGATAGTTTCCTCTCTTGCCGTCGATCAACACAACCTGTCTCTTTCATCCA
CTAGGCCACTCTGTTTAGATTCCAGTCCACCAAATGAGAGTGCGACCGCAGCGTAGACGT
ATCTACTCGTAGTATGTGAAGTTATAGAGGAAGATACCAAGAAACCATGCGCCGGACGTT
CTAGATTGAGTTCTTGGGATATAGAGGCCAGTTATTTGCGACGTGGTCTCGAGCTCGGGG
TTCGCGTGCCAGGTCAATGAGCACACACGAAATGATATGGACCCTGTTGAATACAGCTTG
AGAGAGGGGAGAGATGACGGATTGCCCTCTTGTGGTCATGAATACAATTTGCAGATTCCG
ATGCGACTTAGCGCACGTCGCCCAGCGTCCAGAATCTTCGCTTTTGCTCCATCGAGCTTA
GAAGCAAAGTGCATTAGCGCGCAAATCTGGCTGACGAGACGGGTATGGAGGAAGGGTAGT
AGAGTAGAAGGCGATGGAAGGTGGACGGAAGGTATGGCAGATTACATCATCTTAGAACGG
TCAAGATGGCAAGGCGGCGAACGGGCCGGGATCATCGAAATAGCCTAAGTGAAACCCGTC

GTGCAGCCGGCTGACCCCAAACTACCATGTGCATCTCACTGTGCTGCTCTTCATGTCCGC
TAGTTGCTTCCTGACTTCACCATACCAACTCTTTCTGCGGCCTCTGCACCATGCTTACAG
GTACACAGCCCCAGGAGCACACACTGGCTTTCAATGGAACGAATTCGCCTCCCCGACTCC
AAAACTCAATCCACTCGGCGCGTGCTACAATGTACTCCGTGTGACAGGTATGGCACCTGC
GGAACATACCATATCCGTCAGCGGCATTCTCCTCTGCTTGCGAGAGGATGGCTTCCACGA
CGGGGAGGAAATCTGAATCGAGGAACGCACGGATGGTACCGATGTTCGTAGATTTGAGCC
CCCTGTATAAGCTAGCTGTGACGAGGGAGGACATTTTGCTTGTAGACGGAGGGGTGAACC
AAGGTGAAGAAGGAACGCCGTATGTACCTTGGTTGGTTTCGACAATGACGGGATATTCTT
CTTCGTTGGAACAAGGAAGCCGTGGAGATCCTTTGAGGACGTTGCCGCCCTGGTCATAGT
ACGATACTAGTGTCCTGGCAATGTACCGTGGTGCATGGGCTAGCACTTGGCTATCCTTCA
TAGCATCCAAGGGCAAAGAGGGATGGTGCGGATAGAAACCAACGTCTTGTTCAACATTGC
ATTCCCGGGTGTCATCTCCGCCACCGAAAGAGTTTGTCCAAGACTCGAAATAGCGGATCC
GCCAGACTGCTTGGTCGCGGTCTTTGCAAGTCGCCAGAGTTTGGTACAAGTGCGCAAGTT
GACTGCTTGCGTCTTCCCGCACCTCATCGAGTGGCAGCGAGTCGGTGTGATAAAGAGACG
CTTGCTCTTGCTTCTGGTAGTCGGCGACTGAGAATCTATGAGAAGACATGGGCTGAAGTA
GATCTTTTCCCATGAAAGTGAGGCGGGTCATGTTCCCATGTGGAGAGAGAAGGGAGATGA
CGTCAAAGGGGAGGTACTTTAGCTTGTTGAGAGACACGTCCAAGGTTTCGAGTTTGGTTA
AACGGCTGATTTGTTGCGGAAGCTCTTCAATCTCATTCTGACGCAGGTAGAGACCAGTGA
GATCTGCAAGGTCGAACAGAGATGGAACCAGCCGACAGAGCTTGTTCTTACTGAGGTGGA
TCTGGAGTTTGGGGAGGAGAGATCGGTACTGCCCCGCCGTGGGGAGCTCAGTGTCGTGGA
CGGGCGGGTCGCTAATGACGGTTTTGAGGTTGCCGATGTGCCTAATGTCGCTGTCCTCAA
GGCCCTGGCCATCAAAGTCATAGGATTCCTGGTTCCGCGCAATGCCATGGTCCATCTGCT
GGACGAAGGCTTGCTCTGCTGTTGGAGCACTGGTGCTGCCCATGTTCATGTCTTCATCAT
CAGAGGCATTTGGGTTGGGGGCGCGCTTGAGCGGCATCTTGCTCCTCATGTTGTAAGGCG
ATATGTACTGGGGCGGAGGTAGTTCTTCGGAACTGTTGGTGGCATCGCTGAGCATGTAGA
TGCCAGAGTCGAAATTGCGCTCGAATTTCGTCTTCTTCACCTCTGGGGTCGAGTGGGCAG
ATTCGCGACTGTCCCACCACGCGCCCTTGCGTTTGTTCTTGTGGATACGAGGAGATTCGT
AGTTGGTCACATCGACGGATTCGCGAGAGTCATCACTGGAAAAGACGGGGGGCGGCGAGC
TCGACTTGGTGGTGAAGGCAGTATATTTGTGCTCAAAGAAGGGGTTGGGCGGGAGGTCCA
TGGTGGTGCACGCGAGCGGTGGTGACGACGGGGGCGCCTCGTCGAAATCCATGGCAGAGA
AGATTTCTGGAGAGACAATCGAGCAGAGAAGGCAGGCAGACGGTTGATTGTATGGCGTGT
CGAACTTGCAGTCGCGCCAGAAAGAAATGAGGCGATGGCTGGGAGCTGTGGGGAGAAAGA
TGCGGCGACGCGTTCCTTGGGCCTCGGACGCGCCCCCACCCGGCGAACCAGGGTCTCACT
GCCGTCATCGCCCTCGCACAGACAGCGTTCCCACGTGCACAGTCGGATGCTCAGGTACCG
TCGCATCAAGCATATCAAGTTCATCGTGTCTAGCACTCTATCAGCCAACATCATCTCTAC
AGCCCCGCCATACGTCTGAGGGCTACATTGGAAACCAGCCGCCCCTCCATGCCAATGTCC
TTGCCCTCTAACCCTTCGCCCCGGGACATGGCCAGCTCTGTCATGACGGCTCCCATCTCC
TTCGTTGGCGTCATCATGGCCTTGTAGACTAGATTCATTGGCGCTATCATCGCCTTCTTC
CACGCAGCCTGCGGCGGTATGAACGGATGAATCGCCGTATGCTTTGTCCAGTCCACACCC
CCTGGCCTGACGTTGTACACCCTGAACATGGGCTTCGATTTGCCCAAGTTGAGAAGCTCC
GACTCGACCTGTCCTTTGACTCGTCCGTATAGCGGTGTGAAGGTGCCTGGCGCCTGCGTA
GCGCCCTCGCCCGAGACATGGACAAACGTAAAGGGCGAGTCTGGGTGCATGGTAGAGAAG
GCGCGCGCAGCAGCCATGGCATAGTCGTGCGTTATCTCGACATACTGCCTGAGCAAGCAT
GTTAGCATAAGGCCTCTATAGCAGTTTATAGAAAACAGCTCACTCCTTGCTGACAGCATT
CTGTGACTCGCCCAAGGCCCACACGCAACCCTGTGCATCCTTCAGATCTTCCAGTAAGAC
TTGGTCGTAGTTGTTGAAGTCTGTATGGATGATGACTTTCGCCTTGGCATGTCCATCGGC
CATCTTGACAGGCCGTCTGCTCAGGATCGAGATACGACTAATGCTCTCCTGTGCAAGCAT
ATTGTCGAGGACGGACGTGCCGACCAGCCCTGTCGCTCCAGTAAGTATGAGATGCATGGC
AACTACGCTTCTTCGTTTGATGTGCTGTTTAGCTGTCTAATCGTGGTTCCAGGGTCGTCT
GTTATATATGCCTGCGTACTCAAGCGTAAGCGCTACCATCATGGTCAGTTGTGATTAACG
GGCGTAATGTCCCCCAATAGCAACGGCGTTAACTCCGTGTAAGATTGACATCTGCGCCGC
ATTTTGCACGAACGCTGTCTGTATGCGATCAGTAGACTCGACCGGGCAGCTCTGCGGTGT
TAACACAGCTCCGGCGGTCGTCCGGCCCGTCACGCTGGAAGGCCAACGCGCTTCCAAGGT
TGACTAAGCTGGCGGCTTCCAAGCTTCACGAGGAAAGCGCCCAAGAACTCTCTCCATTGG
AACCCAAACATGCCTTCCTATCGACATGGGAATCATACGGTTCACAATCGCCTTTGCAGA
GACGCGTAATGACAGGCTATCAGGCTTCCGCAGCCCCCTGGCGATCAGCCGTGGCGAGTG
GGCGGGATTTCGCTTTGCCCGGCTGCGAGAAAAGCGACCAGGTCCAAAGCAGGATGACTG
TCTACCCACAGCCTCTGCCGCCCTAGGTAACTGTCCTTGCGCTCTCTCCACCCACATTTT
TCTCTGTTACTTCATTCCTTCGAGTCGCTCTTTTGCTGCTTTTCCTTCGTTTTCGCGCAA
TCATGGCTGCCGCAGCCAAGGCTGCCGCGGATCCTCGTATCGTGAGACTGATTCTACATT
TTCTGTCCGACATGAAATACAAGGACCGCAGACAGCAGGGACCCGACCAGCCGGCTGAAC
TTCTCGAGTTTCGGCCCACGTTGGTACCCTCAATCATGGTCAACAAAATTTGGGCAAACG
AGGGTACATCTATCCTGTGGAGACGCTACCCGCACCTTCCGGCTCTGCAGGACATGACTT
TCGACCGAAGACAATGGTATGCGAACAAAGTCGAGAGGCTGTTCGTATTGGGACCTACAG
ACGGTGGCGGAGATCTTGCATACCTCGAAGGCTTATATTGGCCAAAAATCGAGATACTGG
AGCTGGAAATAGACTGGGCGACGCATTCAAAAGCAATCAACACTATGCTGCACGCAGGCC
TTACACAACTGGAATTCCTTGGATCGCAATCTGGTAGTTCGCATTACGTCGCTGGCACTG
TTCTTCCAGCCTTTTCCGCATGTACCAATCTCTCTAGCATTACCTTTGGTCCAGATGTCT

TCTGTCCTGAAGATCCTGTGTCTTATCAAAACCTGGTAGATGTGATCGACTCCGTGCCCA
GCATCACGAACGTGCGATTGATGAACGCTAGCTTTTCCGGCAAGGATATGATGTTCAGAC
ATTTAAGTAACCGACCAAGCCTGGAAGCTCTACACATCGACCTCGACCCCGGCCTGCAAC
TATTGCCATACTTATCGGGTCCCGTTGCGCTTGTTTCCCCTTTCTCTTCGCTCAGGCAGC
TCCACCTCAAGTGCTATCCTGAGTTGGCCGTTGCACTTCTTCCTCACCTCCCACTTGTAG
AACAAGTACAACTAGACATTGCTAGAATACCAGAGCGAGCACAGCAGGATTGGGATTTGA
ATGTTCTTGATCACATACTAGCTCAGATGGCGCAATGCGGTGAACTTCGATCAATGCGAG
TCAACGTTGGCGCACTCGCGCAGAACTTTCCATCGGCCGTATCACATCCACTCCTTCACG
GTGAGGCTTTGGTGAACCTTGCCAATGGCTGTCCCAAATTGCAGCATGTCGACCTTCTTG
TCTCGGAACCTAGTGCAATAGATGGGTCTTTGATCTCGAGCCTCCACTTCGAAGCATTTT
GTAGGAAGTTGCCGCAACTTTTGAGCCTCAGCATGAAGCTTCATCCACGAAGTGCAATCG
ATCTGGAATCTACCGCGCTACCGAGCCTCGGTAAATACTGTCCCCTGCTTGAAACCTTGC
GCATGAAAGTTGCACTCCATCTTCCGGATCTACAGACACTACGGGGTCTTCCGCATCCGA
AAGCCTTCGAAACCGCGCTTGACGATTATTCTCAAATCGAAGACGCACTTCGAGCGCCTT
CCATAACACTTGATGGTCACGAAAGAAGCGCTTCTGTGGATCAAGAGCATCTCTCCGGTA
GTGGGGCTTCGAATAGTCCGCTCTTCAGTTCTTGACGCACGTCGCCTTCGCACGTCCTCA
GTCAATCCTATCGATCGTTAGTGATGCGTACACCGTTTCATCAAATTCCCAATGTAGCTC
TGTGGTCGATCCACTCGTTGAAGAAGAGCTCGTCCGGTTATGGGCACAACCACTTGCAGC
GCAGTTTCCTCGTCTGGAGATATTGGAGGCATGGAGTGACTGGACAGGACAGGACAACGA
GTCACTGAGCTATTTTCTACCACACGAGGAGCTACTGGCGAATGTTTGGGATTTTCTGAG
TGGAATTGAGCAAGACCTTTGGGAGACCGGAGAAGATGCAGAAGAGGAGGTAAACAACGA
ACCGGATTGGACTGAATACCGCAAGGAGCGTTTCAGTATGGACAGTTATATCAGTGGCGA
TTGGGAGTTGGCCAGTCTCGTAAACGAATTTCCGGTAGAAGAGGACTTCGATGACAGCGC
TTATCCGACGGCATACGCCGAAGAGCCAGAGGGAATGATTACGCCCGGAAGGAATCTAGA
TGATGATGAGGAAGCTTACTTTGGTCGTACAAACACGAAGTACATTACTGTTTCTGGCCC
GTGAGCATTTGTCAACACATCATATGCCGCAAAAAATGGAGCAAATATATATTCTGGGCG
CAGAACAACATGTTTTTCTATGCACAAGAGTATGGCTGCCATTCTAGCACTTAACCAATA
TCGTTAGAGTACACAACTACACAGCAAAATTACGATCCCATTCTCAAGACATGGCTTCAC
GCAGCATAAGGAACACGTTTTGGGGCCAGCACACACGACTTGTAATAGGTTCGATAAAAG
TTTCATTTGTCTCCAAACCTCTATTTTTTTTTGCTGTTCTTCAATGTATTGCATATGCTAT
ACCGAACGGCTTCTCTTATTACACTGCCATTCAATGAAATAAGAAATATACATCCCATTG
CTTTCCAAAGTCTGTGGCACTCATGACCTTCCAAACAACTACTATTTAAAGATCTGTCAT
TCACCTATGAAGATAGACCAATGAGAGTATAGCCCTCACTTAGGTACATCAAAGGATCTA
CTTACAGCTTCAGTCCCCGGCGAAAATGCTACTACAGGCGGTGGGGGTGTCTTGGGTAGC
TGACGGGGAGTGGAGGCTGGCTCTGGTAACGGCCGTTGCGTGTAGCTGGGATTTAGGACC
TGGAAAGGCGTACCGGGGTATTGATATTGATCAGGAGCACTAGGTCCGGTATTTACTGGC
GAGGGAAATGGTGAGGAACTTCGAGGCGAAAGAGTGACATCAGGTGCTGCTTTGTCCAAG
TCAGTATGCATTAGACAGTTTAATGTGGAATTGTTGGCCCTGACCTTGTGAACAGCCTGA
GTCTGAATACTGGCCTTGACCTTGACTTGGCTGAAAGCCCTGCTACTGATGGCCTTGATC
GCGCTGCTGCCGGCCGCGACCCTGATCTTGTAGATAGCCTTGCTGCTGATAGTCTTGACC
TTGACCTTGACCTGAGGGTATGTCTTGCTGCCGCTGACCGCGATCTTCTTGCTGCTGACC
GCGACCTCGCTGCTGACCGCGACCGCGAGCTTGTTGTGTTGCCTCACGTTCTGCTGCGCG
ACGAGCGATACGCTCTTCGTGGGCATGTTGGTTGGCTCTACCCGACTCACTGTTTTGGTG
GCGTTGCCTAGGGCCAGGCATTGTAAGTCGGGTGGTCGATATAGTAAAGATTAAGTAATT
GAGCGGTCGAGCGTATAAGTGTAAGAAGTAAGCGAGTAGTAATCACAGCTAAGAAGGAAG
AGTCTTCGATGAGTGTGGGGTAAGTGAGTGCGTGGTGGTCGTTTGCTTTGATATGGTCTA
AGCGTCTGCATGTTATTAGTACAACAGTAACTGGGGCCGACTCGGTGACTAACCTTGCGA
TTGACAATGGTGCTACTGTTGTGACATGTCTACTTAGAAGTGACAGACAAGCTCACGACA
CGGGTGCAGTTCGACATAGCAGGGAATGATGGTTAGTGGTTCTGGAGACTGTTAGCTGGC
AGACGACTCAGGACATTGCGGAAGGGTACTCAACCGACTCGAACGTGCAAGGAAGTTTAA
TGACCCAACTCTAAAATCTAAAAGATCAAGTGCCATCCATTCAAGAGCTGTCATGGCCAT
CAAACGAACCCCGAGTAGTCAAGAGAACTGACTACTATCGCCAACAGTAAGTCAGGAGAT
GACGGACAAGTCACCATTTCTCGGAAACGCCCTCAAACGACTCGACAAGCAAGAAAGTTC
AATGGAGCAGCTCTAGGATCTTCCAGAGATCAATTGCCATCGTCATCGCTAAGTCAAGAG
CCCACTCAGTCAAAGGAACAACCAACTGCCTGGATGCGAGATTCGCGATAGGGCGGCCCA
TGCCAACCACCGCCCAACTCCCACCGTCACAGTCAAGTCAAGAGCCCACTCAATCAAAAG
ACTGTCCAGTCAAGAGCCCACTCGATCAGAAGATCGTCAAGTCAGTATATCATGTAGCAG
CGCGTTCGCTGCTACTGTCGTCGATGTCGACATCGATGCTCTCGGAGCAGGGCATTGTCA
AGGCAGGCAGTCGTTGTGCCATGGACGGGAAGGGGAGCCGGCCAAACTTTCGATCTGTCA
AACGTCAGCGTCAGCGTCGAGCGCCTGTTCTCTCTTCCACTGTCACCACCGGTCAGACGC
AACACTATCTGTAGTTGTAGAATGTCGTTCGTGTGTTCTAACGCAGTTGCTTCGCTTCTT
TGCTTTCCTTTTGTGTTGGACAACATGTCCTTCTGCTGGCGGGTCATGGAGGAATCCGTT
TGATGGGCTAAGCACATTGACAGGCGAGCCGAAACGACAGAGGAACTGTGTGTAAGCATA
CAAGAATCACTGGAAAAGACCAGCTGCTGAGAGTACCCTCCTGAAGAAGCAAGAAGCACA
CGTGCTGGACAAATCCATCCTTGGACGCACTCCGGAGCTAGTTGAGCGTCACCCAGCTAC
CAAGAACAGATATCACTGTGCGAAGGATAAGTAGAATCCTCATTCCTTCAGTCCGTAGAA
CAAAGACGTTTGTGCTTCTATGTTAGACCCTGTAACGCTACCTGGGTAGTCGTTGGTTGT
GTAATTCGCTACCGACGATACTCCGGGGTATGCCATGTGTTATGGGTAGTCACTCGCAAT

ATATAGGGCGAAGAAGGGTCTTGTTCGTTACTATGGAGTACGAAAAGTGCAAGCGCCGAC
TCGAATGGTGCGCCAAGAGCAAACATGAACTAAACACGCTTCTGTTAGGTTTCTTCATAA
TGCTTCTAGGCGTCTGTGGTAGAAGAAAGCCATGTCGGCCCGTCTGATCCCAGCTCATTG
GATGATCGCCTTCGCGCTTCGCACAGAAGCTTGGAATCGATGACGCGACGGGAATTAGGC
CTGGGAGGCGCAGCGATGCAGGGGTGTGCACGCGAGGCTTGTCATTTTCTTCGGCATCGC
GATCTCTAGGACACCGAAGACGCATTCGATGATGACTAGGACTCGGCGACTGGGCGTTGT
CTGGGCAAATCAGGTCGTTGCCGAGGCATGTTCGCGTAGGCCTGTAGAAGCGAAGCGGAC
AGCGCTTCGAGTCAGGCCGGGATCTATGTCGACGCGAAATCGTGGTCGCGACCATGACTG
ACGTCGAAATAAAGGTGAGATCTGGCGCTTTTCGTGACAGGCGTTGCCCCAGCTCTTTGG
AGCAGAGTGAGGTAAGCCGGGCCGTTGGCAGGGAGTTTAGGGCTTTTGAACGCCATGCTG
TGTCATTCGTTCCCCTATGCCCCACCGGCACAACATCAATCCGCCATGCGCCTCGCCAGC
GCCCGATGTGGACCATGGCGTGAGGGAATGGACAGGGGATGCGGTAGTCGAAGACGTCCG
ACAAGACATCGTCTGCTCGGCGTCGTGCCGTATACGCTGGGTACGGATGGAGGACATTGA
TGAGGTATTTGCCATCCATGGTTCGCTACCTAGTTACTAACCAACACCCTCTTTTTACCT
GTCTACATCGCTCTTTTGTCTTTTTCTGGTTGCCTTTATCCTCCCAAAGTAGTTACACCC
AGGACATACGACTTGGACGCCACGTGAACGACTCGATCCTAGACTTGCACCCTCAGCGCG
CCCACCGCGGGCAACGGCCGCGACCATGGCAGGCGCAATCGTGAGCCAGACATGGATCCT
CACCAAGAAGACGCTGCTCGTTGTCTTCGTTCGCCACTGGTTCTTCACGAGCGTGCGCGC
TTTCTGGGCTCCCATCATATTTGTACGTTCACCTACATGTCAACGGCGGGGCCATGGCTG
ACCAGGCGTGTGCAGATGTTCTTCATTACCTACGCAAAGAACTTCTTCGTCCCACCCTCC
GAGTACGGCATCGGCTCCCCGTCCCTCATACGTTCCTTCCCCAACGCGCTCAGTGCTGCC
ACGGGCGGCCGCGACAAAGTCGTCTTCGTCGACAACGGATACACAGGTGGCGATATCGAA
CAGGTCATTGCACAACTCTCGACTCAGGTCCGTGATGCCGGCCTACAACCCATCACAATC
CAGCAAGACGTACAACTCCTCTCCACGTGCGAGAGCTCTTTGCGCGGTGCCAGTACGTGT
TATGGTGCAGTGTCCTTCCATTCCAGTCCGAGCCAAGGCCAAGGCCAGAGCTGGAACTAC
ACCATCAGATCGGACGGAGCACTGGGAGAGGAGATCTACGTGGACCAGGACGACAACGAC
GTTCAGATCTATATTTTGCCTNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNCAACTAACGGGCCAAATGGCAGAAGAAAGAGAACGT
GGCATATCACAGCTTGTAGAGGCAATGTCTCCCGCCAAAAAAGCATGGCATACGCAGTTT
GCCCGTCTTTTGTCAATGCACATTGCATTTGATATCATTTATTTTCCAGGCTGGGTCATC
ATGGGAGCTATCGTCTGGGCATTGGCTTTCAAAACATCCAATGCTGCCATATTGGTAATC
TTCCATATTCTCGCTGGCCTGTCCTTGACCAGTTTCTCCATCTTCGGAGCCGCCTTTTTC
CGCAAAGCCCAACTATCTGGTATCACCATTGTCATTGTCCCCATCCTGCTGGCCATTATC
GCGCAAGTCGCTGGACCCTTCAGCACGGGTGCTGTATATGTCCTGAGCTTGCTGTTTCCA
TCCATCAACTACGTCTTCTTCATTATTTGCGTTGCCCGCTTTGAGAGACAGCTTATTGGT
ATGAACCTTGTAGGAGCCGCACCGGATTATGAAGATCATATTTGGACCACCCCCGGCATC
GTGTTTTGCATCTTCGCCATCATCCAAACTATCGTATACCCCTTCTTAGGAGCTCTTGTC
GAGCGCTGGCTGTATGGTACCGTGTCGGCGGACAGGAAGACTACGACTTCCTCGCCGGAT
CACAACATTATTCTGACAAACTTTTCAAAGCATTGGACTCCAAGTTGGTTCCGCAGAAAC
GTTCTCACCAAGTTCGGAGTAAAGGCTCCAGAGACAGTCATCGCCGTGGATAATTTTAGC
ATGAAAGCGCGTAAAGGTCAGATCATGGTCCTACTGGGCGCCAACGGTAGTGGAAAGTCT
ACCACCCTGGATGCCATCGCTGGTCTCAACTCGATCACCAGTGGAGCCATTGAGATTGAT
GGTACTGGAGGTCTTGGACTGTGCCCGCAAAAGAATGTCATGTGGGATGAGTTAAATGTC
TACGAGCATGTCCGCATCTTCAATCAGCTCAAGTCGACTGGAACTTATGACACAAAAGAG
ACCATTGAAGACCTTATCCGCGCTTGTGATTTGGGACACAAAATCAAGGCGCAGTCGAGC
ACGCTCTCTGGTGGCCAGAAACGGAAGCTTCAGCTTGCTATGATGTTCACTGGAGGGTCA
AAGGTCTGCTGTGTTGATGAGGTTTCGTCTGGTTTGGATCCACTTTCACGAAGGAAGATC
TGGGAAATTCTACTTGCTGAGCGTGGCGACCGCACCTTTCTGCTTACCACGCATTTCCTT
GACGAGGCAGATGTTCTCGCTGACTACGTTGCCATTCTCTCTCGTGGTGTACTCAAAACC
AAGGGTACTTCGGTCCAGCTCAAGCATGAAGTGGGTGCCGGATATCACGTCACGTATCCT
AAGGACGCTCCGATCAAACCTCCAGTAGACGCCATCAAGAAGCCTGCACCCTCCGAGGGC
ATGGTTCAGTATCAGTTCGAGAACGCGCTGCCCGCTACCAGATTCGTCGATGTTCTTAGA
GATCACGGGGTTAAGAATTACGACATCGTTGGTCCGACACTAGAAGATGTCTTCCTTGCT
AACGCTGAGGAGGTAAAGGAATACAACCTCATGGATGCCGATCACGGTGAACAAACTGGA
AGAACAGCATCAGACAAAGACCTAGAGGTACCTTCAGACCACAATTCTGATACTGACAAG
AGATTGGAGATGGGCAAAGGCCGTGGTACTGGTCTGTTCAAGCAGATGCTCATCCTCGTA
CAAAAGCGTATGACCATCGTGAAGCGCAACTTCTGGCCATACATCTTTGCTCTGCTCCTC
CCAATTGTTGCCGCTGGTTTGGTCACTCTCTTCTTGAAAGATTACGAGGCTGTGGGCTGT
GACCCCGGAGCCAGCGCCAATGACCCTACCATCTTCTCACTTTCCAACGTGGACGACATC
CCTCTCATTCCCATCGGTCCGAGGAGTACCGTTGGCCCTGCTATTGATACCATAATCCAA
CGGACAGGCATTCCCGAGGACAGCTTCTACGTCGTGGACACACTTGACCAGTTCAATGAC
TTCGTCAACACACGGTTCCGCAACATTACACCGGGCGGCTTCTTCTTGAACGAGAATGGT
CCGCCAGTCATGGCGTACCTTGCAAATGGCGGTGTCGTCGGCGGCCTCGTCACATTAAAT
ACCCTTGACAACATCCTAACGAACACCACCATCTCAACACAGTATCAGCAATTCGCTGTA
CCGTTCGCTCCTAACATGGGCGACACGCTCCAGCTGATTCTGTATTTTGGTCTGGCCATG
TGCGTCTACCCTGCGCTGTTTGCCTTATACCCCACACAGGAGCGACTGAGGAACGTGCGA

GCGCTGCACTACAGCAACGGTATCCGGGCTGTACCACTGTGGCTGGCGTATACTGCGTTC
GACTTCTTGTTCGTGCTTGTGATCTCTGCTGTCACCACAGGCATCTTTGTAGCAGTAAGT
TCTTGCTTACGTTTTGTATAAACATTCGCAGCTGACAATACCGTAGGCTTCCGACGCATG
GTATGCACCAGGCTACCTTTTCGTGGTCTTCTTCCTCTATGGTCTTTGTGCAACTCTTTT
CGCCTACTTGATATCCATCGTCGTTACATCGCAACTGGCAGCCTTTGCCTTTGCTGCTGG
TGGCATGGTGTCACTCTATCTCATTTACTTTATCGGTTACATGGCCATTCTGACTTACGC
GCCCGCTTACGCCATCGACTCTTATATTGAGTACTTCCACTGGACCGTTTCGCTGATCTC
GCCATCAGCAAGCTTGTTAAGGACGCAATTGCTATCTCTAAACTCTTTTAGCGTATTGTG
TGATGGAAACCAAATTCCAAGTTATCCCGGTGCTTTGACTGTGTACGGAGGGCCTATCTT
GTACCTCGTCGTGCAAATCATCCTGCTATTCATTGCCCTCGTATGGTGGGATTCGGGATA
CCGACCAGCGTTCCTTAACCGCGAGAAGAGTCGTCAGCAGCATTCGGAGGAGACGGTGGA
CACCGTCCCTGCTGCTGTCGCTACTGAAATCACACGCGCTGAGCAAAGCAAAGACAGTCT
GCGCGCACTGCATCTACAGAAGACTTTCGGGTCTAACCATGCTGTCAACGACATCACTTT
TGGTATCCCACAAGGTCAGGTCTTTGCCCTCCTTGGCCCTAATGGTGCGGGAAAGTCTTC
AACCATTTCACTCATCCGTGGCGACATACACCCTACAACACACATCAACGGCGGTGGTGA
TGTTCTGATCGAAGACATCTCCATCATCAGCAAGCGTGCAGCGGCACGAGGCCATCTTGG
TGTATGTCCGCAATTTGATGCCATGGATTCCATGACGGTAACCGAGCATCTCTATTTTTA
CGCTCGCGCTCGCGGCGTGCCCGATCCCAAAGCCAGTGTCGAGGCAATTCTCCAAGCTAC
CAGTCTGGGGCGCTTCCACGACCGTCTCGCATCCAAACTCTCAGGTGGCAACAAGAGGAA
GCTCAGCTTGGGCATCGCCTTGATGGGCAACCCATCGGTTCTACTGCTGGACGAGCCGTC
CTCTGGTATGGATGCAGCTGCCAAAAGAGTCATGTGGCGTACTTTGCTCGGGGTTGCGGC
ACCTGGTCGCGCCTTGTTGATAACTACTCACTCCATGGAAGAAGCAGACAAACTCGCCAC
CCGCGTTGGTATCATGAAGCGCAAGATGCTTGCCCTGGGTACTGTCAGTGATCTAGGAGA
GCAGTACGGCGACGCTTGGGTCGTACAGCTTGTTCTCAAATCTGCGCCCGAAACCACGGA
AGAAGAGATGGAGACTGTTAAGCAATGGGTCCAGAGGAAGATTCCTGGTGTTCAACTTGA
CAAATGGGGTTCGCGAGGTGGAGGCCACGGACAACTCCGATTCAAAGTTCTCAAAGCCGC
CTCTTCCGAATCCACTGCATTGCCCGCACATGCTGAAAATGCGAAAACTGGTAAGATTAC
CGAAGCAGAGGTTCATCAAGTCAATACCACATCTTCGGCTGCTTCAGCATCCGACCTCGG
TGTCATTCCTGGTCTTATCCAGTTGCTGGAGACCAACCGCAATGAGTTGGGTTTGGAGTA
CTACTCTGTTTCGCCTACCACCCTGGACGAAGTCTTCCTTCGCGTCGTTGGCGAAGAGGA
GGAAGAGACGAGTGGGAAGAAGCCAGAGGGTACAAAGCGAAATCAGTGGGGTCGTTTCGT
GTGCTGCGGCCTGTGGGGATAGTGTATGAGTGGTACAACGGAACGTAAGAGGTTAGACAA
CAGAAAGATAATGAAGAGGGGGGTTTGACTGGTTNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNTTTGGACTAGACTCATCCTGGGCGTAGCCCAAGCTC
TCGTACATTCTCTTTGCGCGCTTATTCGCGGTGAAGACGGTAAGCATCGTCTTTTTGATT
TGGCATGCGTGTGCCGCGTTCTCGATGAATTTGATAAGACGGGGTCCAAGGCCTTGTCCG
CGCAGCTGCTCCTCGAGATGGATCTCGTAGATGTAGAGGACCTGGCTATCTTGGTGCGGG
GGATCGTCGTATGTGAACATGAAGGAGGTGAAGCCAAGAATGCCGTCGTCGCTACTGGTG
CCCTCCATGCTACCCTGGCCAGCCGTGTCGATAGGGCGGCGACGCACCAGGAGATACATC
ATCTCGCCGTCGAGCATTTCCTCTCGCTTCTTGCGCGGGTTCCAGCCAACGCTTGATGCT
TTGTAGTCGTGTCCCGAAGTCTTGTTGACGAGGCTGAGGCAAGCTTCGAGCTCATCCTTG
GTGAGGTCGAAAGCCGACGGGACAAACTGGAACGACAGCGGACATGGCAGATGCGGCGCG
CCGTATGCGCTCAGGTAGACGTCTTCTCGCAGCAGAGTCTGTACTGCCTGTACGCGTGCG
ACGACGTGCGCCATGTCGTGAATCTCGCGTTGTTTGCGACGGATTAACGTGGGTATCAGG
CTGACTGCGGATGCGTGGGCTTGGTGGTTGGGCGTCGCGTCTGGTGGGGAAGACGCGACA
CGGGGTCCATGGCGTGAGTACACTCGACGCCCATTTCTGGAATCAGTGCCGGTAGTCACT
CATCCCAGTTGTGTGTCCTTTCGACCACGTCGTTTCGTGGCGCCGATCCTGCACGCGCAT
CCTTGGATAACTAGCATCATCATAGCCTAGCTTATTCGTCTCGATACGTCAGCCTGCATC
GCTGTAAAGAGCCTCATCCAGTCGACCATCCACTACTTTTGTGTCCGCATCCGCATTGTC
AGATTCAGCTAATCCGAGTGTTCCATATACAACCGAGGGAATGCTGCGAAGATATGCCAC
GGTAGCGTCCAAGCCTCCGTCCCGGCTGCGAGCACGAGGAAAGAGTCCTGTGGGCCTGGA
CCACGTACGTTTGTCCAACACATGACTTACACTATGCAACGCCTGCTGACTGTCATATAG
TTCATTCAGCGGCAACGCGTGTTGGCATTGTGGAGAGACATAGTCCGCAGTACTTCCAAC
ATACCCGATGTAGGAGCACGGAAGGACATGCGGCAATTCGCAAGATCAGAATTTGAACAA
CATCGCTCTGTTACCGATCTCGTACGCTTACACTCCTTCGCCTTCGATATCCAAGTTAAT
CGCAATACAGGGTCACATTCGGTATCTGATTTCGGTACGCCGCTTTCAAAGCACACACAA
CATGACCTAGTCGCTCACTAACACCTACATAGTATGGAAAGACGCAGTTCCAGACCATGA
AAGGGACTCTGATCAACTCTGGAGTACTCACTGAATAGATTTCGTTGTTTCAAAATCGCC
CTTCCGCATCTGCCATCATGTCCTGCGCTGAACCTTTTTTCTCATTGGTTGATCCTCCGA
GGGGCATCTCACTAGCGCATCACAGGCTAGCATCGGACTTCTCAACACCACCTCACTCTC
TCTGCAGATCTGCTAATCATCATTCTCTCAAAGCTGCCCCAAGCTCTACGCTGTCGCACT
TCGTGTTTGAGTGCTTGGCACCCGCCCATATCTCCGTTGGTCATTCCCCCGCTTCGCCGT
CACGCAGCTCAGCCGGCGATGACTGCCTATAGAGAGGAACAGTCTGTCTGCATTGTAGGA
GCTGGGCCTGCAGGGATAGTTGCTGCGAGGACTTTGAAACAGCATGGCTATGTGGTTACC
GTGTATGAAGCAGCAGACCGCGTAGGTGGCATGTGGAGAGATGGACATGGAAGACCAGGT

GAAAAATGCAGTCCAGAGATGCGGACCAATTTGAGCAGATATACAGTTGCATTTTCCGAT
TTGCCTTGGACTTCGGTAGACTTGGATCTCTCGAGACCCGCTGTGCATCCACTAGCTGCT
CCGCCCATGTTCCCTAGAGCGTGGCAAGTGGGACGATATCTTGAAGCATACGCAAAAGGC
TTTGGCATCACTGACAATCTGCTCCTCGGGAAGCGGGTTGTCGAGGCATCCCTGCAAGAA
GATCGTACCTGGAAAGTTATCAGCGACGACGGTACCGGCCAGCTAGACTCCCGTACGTTT
GACCGATTGATTGTGGCTAGTGGTTTCTTCAACAAGCCAGCTGGTACCTTCGATCCTACT
CCTTCTACAAGTCTTCCGAACATCCAGCACTCCTCGAAATTTCGGTCTCTCTCTGAGTTG
ACGAGTTCTCCCGGGAAGGTGGCCGTGATCGGGGGTGGTATTAGCGGCTCAGAAGCTGCC
GCACAGGCTGCTTTCCAAATCTCGAACGCGAAATACGCACCCAGTGAGAAGACATGTACG
CATGCCGAAAGCAGGGTCTTTCACATCATCAACCGTCCCTTCTACTGTCTTCCTCGTCAT
TTTCCTCAAGACCCTCAGGACCAAGACGGAAACTTCAACCCAGCACCCAGATTCCTTCCC
CTGGATCTGGTTCTCTACAATCTTTCGCGCCGTGGCAATGGAGAGATTTCAGCAGCCATC
TCTACAGTGCCACCCGAAAAAGCGAATAAAGGACACGAATTCCTGAGAGCAAGTATAGGA
TACGACTTGAGCGACGTGGGACACGTCGAGCTCGCATACGCACCAAGCCAGACACAGCAC
CCCGGATATACTGGCATTACAGATACTTACATGGAGTTTGTGAGAAGTGGCATTATTGTA
CCAGTAAGAGGATGGGTTGACAGTGTTGCACAGGCAAGTGACGGTGTCTCCCTAGACATT
GGTCTGAAGCAGTACGAGCCCTGGTATCATGGATCGGGGAAAGAGCCAATGGTAACTACA
CTACTCCTAATTCCAGTAGTGACGAAGATACTGATAGCTTACAGAGCCAGAGCAAGATCT
GCGACGTCGTGGGTATCATCGAAGCTACCGGCTACAAAGCCGACCTGGACTGGCTTGACC
CTTGCGTCAGAGGCCTTCTTACCGACGATAGCACCGCACCAAATTCACGTATACCATATC
TCCTTTCCCGTGGGTCGGTGTTCTCTCAGCGAGTCCCTACAATTGGGTTTGTGGGCTTCT
ATGAGGGTCCTTATTGGGGGGTGATGGAGATGCAAGCTCGACTTCTTGCTCAAAGCTGGG
CCAAACGGGATTCTGAGCAGCTGCCGTCTTTATTGTCCGAATTACACAGATACGACGACA
CGAAACGCATGCAAGAAGCGATGAACCAGAAATCGCTACAGGTACCTCAGTTCTGGATGG
CAGATTACGTTGGTTTGGTTGAAGAATTTGCACGAGGAACAGGCGCCTCGCGCGACGACT
CGCTATTTGGCGGCCAAACGGGTCCTACCTTTCCATCGCGCTATCACCATGCAGGTACCA
ATGCCCAGGCGAAGGAAATAGTCGAAGACGTTGCCAAGGTACTCCAGGCTTCCCAAGAAG
ATGCTCGGTTCGTTGCTGCCGCAGTGTTTACAGGTGTGCAAGGTGTGTGGAACATGACAC
GCAAAATTGACTCACATACCAACACACCTGGCGGCGTGTTTGTGGGCACAGCACACTTCC
ACCCACGCCAATCTACCGATCCAACCACTTACATATCCGAATACTTGTACGTCGAACAAG
GCACATTCACCATGGATACTGGCCTGTCTTTTCCTGCGACTCGCCGTTACATCTATCGAT
ACAATGAGACACGCGACGAGATCACAGCATGGTTTGCTAAAGATGACAACAAAAGTGTAG
GAGCACTGTTCAACACGTGGGGGTTCTACGCGCCAGTTGACAACAAGTCTGGATGGATGG
CCAAAGGTTATCATTGGTGTGATCCGGATACGTACCGCAATCACTGTGAGTTCAAGTTTC
GCGGTGCGAAGATTGAGCGATTCATGATCAGATACGAGGTTGAGGGACCGAAGAAGGATT
ACTCGCATGAGAGCTGGTATGAGAGAGCAGGGGCTAGCAGCAGTTGAATGGAGATTTAGA
GGTTCGTATAGTGTCGGAGTGACTGGTACCATCGACAAGAGTTGTGCAAAGGTAGTATAG
CACCGTTTCTTTTTTCACACAAGTTTTCACGGGAAGTACCGATGAATAAGGCAAGAGATA
ATTGCGCCTTCTCACTCATACCTGTCAAAATCGGAAACAGCGTCGGCGGAAGTGTTAACG
GTCACAGCTACGGTCTCAGTGAGTTGGAGATGATCAGATATTGGCTTATAGTAGCTCCTG
GCATAGCATCGATGCCATAGGTGCAAGAAGGTAGGCCCTTAGCACTATGTACAAAATACA
ATGTCAGATTGGATGAAGAATGGCTCTGGAAAAGTGCCTTTGGAGTGTTATGTATTCAAA
GGGTATCATATACATGTCGTCATATCGTACAGCAATACATCGTTATGAAATCTCTGGCAT
TTCATGTGTCCATCTGCTCAACACCCCCGTTAACAAGTGAACTAGGGTGCGTGGGTGGAC
CGTCTCGCCCTAGGCTCTTGAGATCTGCTAGCAAGGTTCTGAGATGGTTCTCACGGTTCT
GGTTGCTGCCCCATGTGACCGCCTGGGAGTAATACAGTATATCCCAGGCCTCGTCACTGA
TATTTTGGAGAAAGGTAGGTAAAGATCGCGCTTTTTGGTACGAGCGCCAAAGAATCCGGC
GGATGTCGTCATTTGCGCCGATGTATGCGAATTCAATGGCTTGATTGAAAGACTTCAGCG
CGGGCGAGATGTTAAAAGGTGGGGGCAGATGAACGCGGAGTCGTTGGAGGGCGGCAGAGT
GTTCTGGATCCTGGAGGGCGGCAGCCATACGTTCTTTGAGCGTAGTAGTGCGGTCGTCTT
CGAGTTGGTAGGGATCAGGTGCACTATCGTGCGCAATAGTAGTAAGATCACCTTGCTGTT
GCTTGTTTTCTGAGATGAGCTTTTGAATGTACATGAGCTTCTCCATCAACTTGGGGTCTT
TCATGATTTCGTCAACTTTAGCTTGTAGCTCGGCGGGAACATCTTCCTCGTCCTCCACAA
GCTGCTGGGGCTGCGATGCCTTCGACTCGGCAAACTTCATGATCTCCTCCGCTAATTCTT
GCGGGTCCATCTCACGTTCGAATACACCGTCTTGATCTTGGTTCGACGACGAGTCTTCAT
TGAGGGCTGCATCAAGTTCAGACTCAAGGCCGCCGTCGCCACCCAGCGACTTCATGATAT
CCCGCATCTGATGTAGGAGTTTATCCACATCCTGCAGGTCCTCGGGCGTTGTCATGGTGA
GATCGTCATCTGGGGCCTCAGCTTCAGCGATAGCGTCCTCTGTGTTTCTCTGGTACTCCT
CCCATTCAGTCTCTAATTTCGGGCTATCGAGATGTTCGCTCATAGCAGCAACCTTCTTCT
GCATAGCTTCGTTGCCCCCCAGCTTGTCCATTGCCTTGTTCAGCATGGCTTGATAATCGG
GGTTGTCCATTTCCTCCACATCTGGCATCTCGTCGATGCACTTTTGGAGGTCAGCCTTCG
CATCTCCGATATCCGGATCGCTGACAATGTCTTGTAGAGTTTGGAGTGTGGCCGTCCGTA
GGCCAGTCTTGAACTCTTTGCTTTCCTTCCCTGCTTCGATGGCTGCCTGCTCTTCTAATT
GCTGGAGCTCTTCCCTCGACTTGATGCCTTCCTTGATATCCTTGAGCTCGTCCGTCAATT
CGGCGAAGTTTGGGTTAGCCAGTAAGCTGTCGATCAGTCGCCGGTTCAGCCTTGCGTCGT
CGTAGTCCGGGTTCTTCTGTGATTCCTCTATCATCATGTACATCTCTTTGTCTTTCTTGC
GATCTTCCGGTGTGGCTAAGCGTTCAACGAGACGCTGTGGCGTGCCTTTGTCCAAGTCCT
GCTCATACCAGTTGATGACGGGCATATCGTCACGTTCGAGTTCGGCGTCGGACAGCGGGC

GCATAAGCCTGTCCGTTTCCGCATCGTTCTCGAAAACGGATTTTGCGCCTTTGAGCTTGT
CCCGTATCGCAGACCTGGATCCGGTCGTCGCATCCTTCTCCGTCTCATCGGGTCGGCTGG
CTTTTGTGCGTTTTCCACGTCGAGGGCACGCTGGTAAAGGGTGGAGTACAGAGCATGTTG
TAGCACGAGGCCGTGCGAGCGCCCTCAAAAGTAATCGGGGAGATACATGTGTACGTGCGA
GCATTGTGATGGTGCTAATGGTGGCAGACTCCCTGTCGCTGTTTCCCCAAAGTTCTGGCG
CGGATGCAAACGATGCAAACACCACGTCATCTTGGCACCCCCGAGAACTCCGCAAATGCT
TGCCAAGAATTACTCCTGCGAAGCAAAGCCCTCAAGCACACCAGACATAGTTCTGACACC
GTTCTCCGCGCTGAGGCCCTATCCGTCATCATCATCATCATCACCGCGAGAGCCACTAAC
AAGGCCATTATCAAAGGCTTCGCTGCACCTCCAAGTATGCTCGTTGAGAACGCCTGCCAG
ACTTGAGTCTTTCTCCGCCCACTCGACTACTTCTCTTCAACTGCTACCTGGGTTTGTGAT
GTTCTTGTTCGAAGAGTCGCATGTCAATCAAGATGTGTGCTTAAAGCGGAAACATGGAAG
CTAGAGAGAAAGAGCAAAGGTTGCGGCAGTGCGGTGGAGGCGGCCGTGAGTGCCTTATAA
GACCTCGTGAAATCAGCAGCAAGTGAAGCTTGTTTAAAGGTTGCACCGTGTTCGTTCCAG
AAACGCGCTGTTTATCACAGTCTCCGACTGGGAACGCCTTTCTAGGAAGCTTACACCCTG
GTCACTGATCAACCAACAACTCACCATGCATCGCTTCACGAGAGTGAGCAAGAATCACGA
CATAAGTCTCTTTGACTATGATCTACTACCAGCATGTGCGAGGTCATGCCGTATCCTGGA
GATCTCTGAAGGCAACTGTGTTCCACCAGCGGCTCCGATATCCGATCTGTCCACATACAG
AAACTGCGTGTGTCAGTCCGATTACCTGCGCAGCCTCCATACGGGTGGAGTGGTTTGTCA
ACATGTATGTAATGAAGAGGACGATGAAATTATCCACAGCTACTACGTTAACATGTGTAC
ATCTCCAAAGCCAGCGAAGACGAACATGTTCACCTCCACGTTGACCATGAGTTCAGCGGC
TGTACGAACGACAGTCGCATCCAGCCTGGTCTATCACCCAACCGTCCCGACCCCTGCATG
CACTGAGACAAGCCAGGGTATCCCAAAGAGTGACTACCAATGGTACGTATGGGACCTTTA
TCCTCCAAACCATAGGCTGATGAGTCCAAGGTCTGATCAGAACAGCAAATACCTGGCTAC
AGCAGCTGGTGTAATTCTCGCAATTATTGCAGCTTTACTTGGGATAGTCTATTACCGTCG
CCGTAAGAACCATAATTCCAAGCTCGCGAATCAACAAGTCCATGGTCGCTCAATCGCCCT
ACAGTCACCCACATGCCAAGCAGCACAATCACTCCGGCTTGACGCTGAACAAGATCGGCA
CTTGAAGACAAACGCTAATGCTGACTCGTTGCTTTTGGCGATACAGAGCCCTTCCGTCCC
ACCTCCATTCGCGCCGCCGACTCCAAGCCATAAACTTGGACATACCATTCGAGTTTATGC
GAAGAGAGATGATGAGGGAGATGATCTTGGGAGAAGTGACGTCGAAGGACCTACCACCCT
GGTGCGGTCACTAAGCAGAACGGAGAGGTTGATAAGGGAGAGGATTAGAATGACTGGTCG
ACCTGACATCCCAATCAGTGCGACCCCAAAGATTACAAGGTGACAAACGTGTAAACGTAG
TATATTTTGCAAGGTCTGTTTTGGATTTTCGTGGCCATATGCATGAATGTGGCATAGCTG
GAGTGGAAAGGGTAATAGTACAATACATAGGCAAGCCATGGGTCTGAATTAGATTCTTCT
ACCACAACAATGTGTTCATGTAACGTGATCAATGGAATTGTATATTATAGTTAATCACTT
GCGCGATATTGCAGGTATGATGAAAGAGCTGTGTTGGGCGCCAGACGATTATCAAGGTGA
GCTATCCTGATGGGGTTAAGGCGCTACCCGCCCGCGTTTCCATCATCAGGAGCGCTGCAT
CGATCCGTCCTCGTCTTACTACATCCAGGGGGGACTATACAATAGAAACAATGATGATCA
AGTGGTTGCGCCACAAACGACCCAGCGGCAACGTGTCAGCATCGCCCGTAAAAAATACCC
AGCGCTTTGGTACAACAGACAGCTGACTCTGTGCAGCCCCAAAAGACGGGTTGTGCGTTT
CTGGAACTACCAGGCGAGATACGCAATCATATATACGCCATGGCTATCTACCCAGAGTTG
TCTTCCATTGTGATCGTAAATTGCACCAAACCGGAGCATCTTGCCGTGTCGGTGCTGAAC
CTTCCTCTCTTTCGCGTCAGTCGCCAGATTCGGGCTGAATGCCTTTCCTATATGTGCTCC
AGGTTCCCTATACGGATCCTTGGCCTACAGACTGCGATTGTCTTCTTTTCTTGCGCAGGA
CCAGCTACCTCCGAGATAAAGGCACTCACCCTTGTGCAGCCAGCCATGAGCATTCTGGAG
AGCAAAGAAAGTCGAGATGCTGTGGAGCACTTTTTCGCAGCACTGAACAGAATGGAAGAT
TTGAACGAACTTGTATTGGAGGACATAGGGTGGAATCCAATGCTAGAACAGAGTGGAAAG
GAACTGGAGTTTGTAAGAAGAGTGAAAGACTTGAGCAAGAGAGGCTTGGATGTGAAAGTT
AGGTTTGGGAAAGAACGGGTGGTGTGAGTAAGACATGAGATGCATCACCGGTCGACACAG
TCAGAAACCTGATTGTTGCCTTCTTGGCATTGTTCGTGCTACAAAACCCAGAAACTTCTA
CGAAATGGGCTCCCGAAGCATCACTGTGCTGTAATCTGTACCTTCTAACCCATAGTGTGT
CAGATCCCACGTTACCACTGCAATGCCGAAAACACAAAGTCAGTGACAGTCTCGAAGGCA
GTTGATTTGTCGTGACTTACCCTCCTTGGCTTGGAATCCCATTCTCTCATATAAAGGCTT
GCCCATTGGTGACGATTCTAAGAAGGCAGGTAGTCTTGCGCGATCCGCTTGTCTGGTACC
CCAATCGAGCAGCATGGCCCCTGCACCCCTACGATAATGGTCTGGATGCGTTGCGAGGAT
GTGTAAAACTAGTTTTTGTTAGCAGATCATCTCGACATGTTTGGCTGGGCACTGACAGTA
AAAAGGCTTTGTTCCCATGTATTCTTTCCTTACTCGACTAAGAAAGGCCATGAAGTCCAG
CAAGCCTTGTTGTCCTTTGTCTTTCTCGTCGGGTACCGGATACATCTTCTTGGCTTCTTC
TTCACTTCGCTCCTGCTCGTTGATGCGCCATTTGGCGACTGCAATCATTTTCCCATCGAG
ATCGGTGTCAATGACTTTGAGGTAAATAACATCTTTTTCTTCGCTCCACGACTTGACGTG
CTTGCCGACAGACTTTTGGACATACTCCTCTGTGATAGGATTTGGCGTGAGCAGAGATGT
GATACCCCCGCCGTTGGCGAAGGCAGCAATCTGTATGGCGACGAACTCGTCAAAGTCGGT
GGGAGAGGTTATGCGATGGACTTCAAGAGGCATGATGTGCGTCCACTTACGATACCTGAA
CTCTGAAACTGTTTACTGGAAGACCTTTCTTGCGCAGCGCTAGAGCTAGTTATACAATGG
AAGATCATGGACTGGGATATTGCACAAGTCGCTAGTACCTTCCTCTTGGGGCAAAGGCGG
GGTGGTGCCAAATACCAAAGTAGCCAACGTCGCCCTTTTCTCCTCGCGATTCCAGTATTT
CTGCATCGTAGCCCTTTTCTCTTGTTCTTTCAGCGTCTCTGCAGCGTAGCCCTTTCGAAT
CATCCCGACGTGTATGCGCGATGCATCAGCTTGAGAAGCGTTTTCCCACAGTGACGTTGG
CGGCACAAATGTCAAGGCGTGCTCGTTCGCCCGCATCTGGATAGCTACGATGCTTTCGCA

GACACCATGTCGCATGGACAAGCTCACCAAGACTTTTGAACGAGCCATGTTGGCGACGAT
CCGGTATTTCCGGGAAGCTGTGCGACCGTAGGTTTGGAACGCAGCTTGGCCTTGAGTCTG
GAACGCATGACGATTCGGGATCTGAAGAGATGGAACGGGTTGCTGAAACAGTCACAGGAT
GTGAACACGGTGCGACAGAACTCAGAGTCATGAGACGTGATTTTAGCCGAACATCTTTGT
CGGATGCGATTGGCTCGCCGTTTCCCCATAGTCTGGTTACAACGTTGGACGTCCTGAGCT
CAGTCTGAAGCCGCATTGACGTCAAGTCACGCGGACAGCGAAGCATCAAATCGCAGGGAT
GGGAAACAACGCCAAGCATCTCACACCCAGCCCCATCAGATGGAACTCGCCGCCTCGGTC
ATCTAGAGTATCCATGCTGCGCATCACCCGTGGACCTCGGCAGTTTTTGTCACAGTTCCT
GCTAGGTATACCGGGACAGCGGCTACTAGGCTGTAGCTCTAGCCCTAATCCCGTTCCCGA
TGGCCTCGATTCGACATGGAAGGGCTCGTAGAATATGTCGCACGACACCCTTGACCGCCA
GTATGCGTACTATTTGTGGTCTGGCATGACGTTTGATGTCTTTTCGAAAAGCAAGTGAAA
ACATGACAGATGTGTACATCGCATGTTCAAGCTCCTGAAAAGCGGTGGTTAATTGTTCAG
CGTTAACCATGGCATTCTGCTGGGCCAGATTATAAGAAGACATGTCATTCGCTTCATGAG
ATGAACAGCAGCCCATCCATCTCTACTTCACTTCTCAAGATACCCGTACTTGTTTTATCT
ACATTCACCACATACTTGTAATATCTTAATACAAATTCCTTGACGGAATCAAGCCACACC
CTCTACAGCCATGAAGTCCCTTGTCTTCCTCCTCCCAACCACCGCATTCGCCGCCCTTAC
TTCGATCACTCAGAACGACGTGAAGAATGGCGGCGGTTGCAAACCAATGACCGTCCTTTT
CGCCCGTGGCACAACCGAACTTGGCAACATGGGCAGCATTGCGGGCCCGCCATTTGTCAC
GGCCCTCGGCGCCATGATGGGAGGTGCTGCCAACGTCGCTGTACAAGGCATCCAATACCC
AGCAGATGTTCCAGGCTTCCTTGTTGGTGGTGACAAAGGAGGCAGTCAGCTCATGGCGCA
GATGGTTGGACAGGTCAGGACGCAATGCCCGGACACTACACTGGTTATGGCGGGCTACTC
GTAAGTAACAAGCAGTTCCAATAGGACTTGAGGACTATGAAGCCTAACGGAACAATCAGA
CAAGGTGGACAGCTCGTTCATAACGCAGCAGATATGCTTAGTGCCCAGGACTCGGCCTTT
GTGTCTAGCGCTGTCATTTTTGGTGACCCAAACAACGGCAAGCCTGTCGGTAAAGTCGCG
GCCGGAAACACCAAGATCATCTGCGCAACTGGTGATCTTATCTGTGCGGGCCAGGCTGTC
ATCCTGGCGCCGCACTTGTCATATGGTGCTAATGCGAACGAGGCCGCCAAGTTCGTCATG
AGCAACATGGCAGCCGGTGGTGCGGCGGCTGGAGCTGGAGCTGGAGCTGGAGCTGCCGCC
AAGGGTGCGGCAGCTAAGGGTGCTGCTGCTCGAAGCGTAAAGGCAAAGTATTTCATCTCT
TAGTCTCTTGTGTTGCTTCACGGGCCCTATCTCACCTAGTGTAACGACGCAAACGCTGTA
TATATATACCTTCGCTCGTTCAGCAGCTGCAGGTCAGCTCGTATCACCAAGTTCAAATGG
AAACTTGCGAATTCAAACATTTTCCAATCTTCATTCAAGTCATCATGTTTGGGATCATAC
CTAGGTACTCCACGCATCTCCTACTGTCTTTTTCGGAGCCCACGGTCAAGTCTTCTCCCC
TTTTGTACCAAGCCTAACGCTTTGGGCAGCATGAAACATGGATCTTAAGCCTTGATGAAT
CACCTGACTGGAACGAAGATCCTGTCAATGTCTGGTCCCCAGCCTCCATCGATACCGCTG
ATCTTGACTTCATTCGTACCCTGCTTTAAATCGACGTGTATTACCGAGCTGGCTGGATCC
CCTCCTCCATGGGGCAGGACTGCTAGCTTCTGCGTTTTCCCGTTCACGCTGATGTTTGCA
TACCTTTGACTCTTGTCACCGTTGAGATGCTTGATCCTCATCGTCGTGCGAGTCGTTGCT
GAAGACTGGATATTGGGAAATGTGGCCGAGCCGGACGTGGTGCCGCCAATGTACCCAGCT
GCCTTGGAGCCTGAGCAGGAAGAGCAGGCCTGAGATTTGGCGCCGTTAGCAAGGTTTGCG
CTTTCACCTTCGTACGAGGTTTCTTCGGGGCCGGAAGTAGTGGCCCCAGAGTTGGGGTCA
AGAATCCAGTTGACTGCGTTCTTCATGCTGGCGGTAGTCCCGGAGATTTGAAGTGGGAGC
CACACATATGTGCTTCTCATCAAATTCTCACTCTGCCATCGATCGCCCATGTATACGTAT
CCGTTCCCAACAGGCAATACAAAGGTTGTTTGAGAAGCGTATGTGTTTGATCCTGAGTCT
GCAAACTTTTTCCACGAAGACCATGGTCCCGAAAGGGCCGTTGATGTACTGTAGTAGTTA
TCGTTTGGGTTCCATCCGGTGAGCTGTGAAGCGAACATGAAGTATACACCCTCGTGTTTG
ATGACGGCTGGGGACTCATATTTCTCTTTCCAGACGTAGACATTTTTAGTAATGTTGAGA
TAGTCATCGGAGAGTGCGTTGATGCGTAAGCCGTTGCTGCGCTATTCTTGTCAGTAATGT
GGGTGCTGATGGTTGAACAAGAGAAGCCTACGTCTTCAGTGAGTAGATAGCCCTTGCCGT
CGTCATCAACGAATACGCCTGAATCTCTACTCTCGAAACCCAATGGTCGCTCGCTTCGCA
AATACGTGTATTTTCCACAGACACTGTCTCCAACAGCGACACCGATCTTGGCCTCACCAT
AGTCGGCGCTGTCAATATGCATCCATAGAACATACTTGCCTGTTTGCTTGTTGTGCATAA
CCTTTGGTCTCTCGATGACACGATTGGGTCCTGTATCGCCGGATGCAGTACGAGAGATCA
GGGCACCCTCATAAGTCCATTCGACGAGGTTAGTGGACGAGTAGCAGTTGATGTTTGTGA
AAGCTGTTCCGTTGGTTTTGTCTTCGCCAACCCTATCGGTGTGTCAGACTGGGGGAGCTT
GAGCCTATGCGTAGACCATTCCTACCAATACCACTTTCCTCCATCCTTGATGATGCCGGC
GCCGTGAGCCTGAATGTGCTGACCTGTGTTTGTCTGAAGCGATGTCGTCAGTTAGCGTTC
CGGATGGGACACGACGCAACGCACTGCTGTCCAGGTTGCACCAGGGACGATCTGAAGTGT
CGCACTCGCGACTGAGGCGGTCAAGCTAAGGCCTGCTAAACTAAGAAGGCGCATGGCGAA
GTTGGAATATCAGAATGCAGATGTCAATCAAGAATGGCGGGTCGAGGAAGCACGTCTAAG
ATATAGTGTCGAGCGACCAACAGGCCTAGCATCGTCATGCTAACATATCCAGTAGGATGT
CCGCTCATCCCTCATTGACGGAAAATGGAGGCCGCGCTATGGAGTGTCACGAGTAAACAC
GAAGGTTTAATAGTTGGGGCGGCGTATTAACATCGGAGCAAGGGTAGTAGTAAACGAATT
GTGGGGAAGGAGAGTTTAGGTGCGGAAACTATGCTTAATTGGACGTCTGTCGCGTACATT
GCCATGGCGGCTGCATGGGTTGCAAATAGCCCGACGTCCGTGATATTGCGAGTGTGGGTG
TCTGCACTCGGGAGCGCGTTGATGCGGAAGGTGATGGTCGTAGCGCGCTAACCCCGCGCG
GATTCGCCCAAACAAACAACGCTCCGGCCAGGGCCATCACAAGCACCACAACCCAACCCA
CCATGGCGCGCACGACCAAGTACAACACGGCCGCCTCGCCGCAGAAGACACCCATCAAGG
TGCCGCTCAACGACGACCGACAGGAAAAGGCCATCCGCCGCCATGCACAGCAAGAAGCCC

AGCGCAACTCGATGCGCGCCTCGACGGCTACTGCTACGCCTGGAAGACGACGTACGTTGC
ATGGCGCCGACCATGACAGCCCCCAAACGCCCTCGCAAGACCAGGACGACATGCCAGACA
TCACTGGCAACGCCGTCACGCCAGGAAACCGCGGCGTCATGCCCTTGCTGGCCAACTTCG
AGGAATGGATGAAGATGGCCACGGACAACGTAGGCATGCACAGCTGCACCCACTAGGTCG
AGGCTGACGTGACGGGCAGAAAATCAACGCAAACAACTCGTGGAACTTCGCTCTCATCGA
TTACTTTCACGAAATGTCTCTGCTCAAGGAAGGCGACGGCGTCAACTTCCAGAAGGCGAG
CTGCACACTTGACGGCTGCGTCAAAATCTATACCAGCAGAGTCGACAGCGTGGCCACCGA
CACGGGCAAGCTGCTCAGCGGACTCGCAGAAAATGCCAGCAAGAAGCGGAGAGACGGCCA
TGACGCTGATGGAGGCGACGACGACGATGACGGCGAAGGCGAGGATGGTGAGGATGGAGA
GGGTGGCCAGAAGAAGCGCAAGAAGAGGGCTGCCCGGTCGGCCGAAGCTACCCTCGCGTC
TTCCTTTGCACAACTACAGAATAAGAAGATGGAGCTCGAGTTTTCAGTAGATCCGCTCTT
CAAGAAAGCCTCCGCCGACTTCGACGAGGGTGGAGCAAAAGGTCTCCTTCTGAATCACCT
GGCCATAGACGGAAGAGGCAGGATCGTCTTTGACAGCAGCGACGACGCAAACGATGCGAC
TGCCGACGACACACGTGCTACCCCAGTGCCCGAAGACGCCCATATGCACCAAGACCAGCC
CCAGACGCCCGATGCTATCGATGTTGATATATCTGGCTTGGCTGCTAGGTACTTTCCCGA
TCTATCCCAGCTCGACCGGCAAGACGTGTGTCCCTCGATGAAGACGTTCGACCTTGGTGA
TGTGAATGGTTCCATGGATCTTCCCTTTCTCAAGGCTCCCGATGACTCTGCCAACGAAGA
CGGTGCCAAAGATGAAGAAGACGAGGCGGGCAACCGGTCAGGCCTCTTTTTGGATGACGA
TAACCCTATGGGCTTCGACGATGACGACGACGTGAACATGGGCGGATTCGTCCTACCTCC
GGAAACGGGCTTTGGCGAAGGCGGAGAGGTCTGGGCTCGTCAAGTAATCCAACATCCACA
GGCTCGCCTTCACACTATGGGCCTTGAAGGGGATGAGGAGCCAGACAGCGCCGACGGTGC
ACTCGGCACTGGTGCTCAATATGGCGTTTCTATGATGCACGGTCGTGATCAAGAACAGGA
GAACATTCTGACCTACTTCGATCAAGCTCTTAAGAAGAGCTGGGCAGGCCCTGAGCATTG
GCGTATCTCACGAGTCAAGCATTCTGCAAAGGCAACACCAGCAACAAAACGGAAAGAGAG
GGAGCCCTTCGAGATTGACTTTGCCGCACCCATGGCTCAGACACTAGCTGATATGCTCTA
CACGCCTGCAACATCCAATTCAACTATATCTCTACCAAAAGCGCAATGGAAGTCCAAGTC
GCGTAATCTTCTCCCAGACGACAAGCATTTCAACTCGAAACAGCTGCTGCGTCTTTTCTT
GAAACCCAAAGCACGTATGGACTCCCGAAAGGGCGGACGCCGTGCACAAGCACAGTCCGG
AGACCCAGCACGCGTCGACGAAGCATACTGGGCTGATCAAGGTCAAGAAGGCGAGGGTGA
CGACATACAGGGCAACTACGATGCCGACTTCTTCCAAGATGATGGTTTGCCAATGCCTGG
TGGGCCTATCGACGATGAGGACGTTTTCGCAGACGCTCGCGACCACTTTTCGCCGCCGCC
TGACGCACCCGAAGTTACACTACCAATAGACGGCATGTTACCTAGCTCGCAGACTGACGC
GTTTGGTGCGCAGCTAGTAACACAAAGCCGACGATTCCGGCCCGAATATGTGCAGTACGC
AAGAGTCGCAAAGAAGGTGGACGTGAAAAGATTAAAGGACGAGCTATGGAAAGGTATCGG
ATTCGAAGGCGTAAGTTATGGAACCAACTCTCACATAGCATCTAAGCTGACCAATGTTAG
ATCTCTGGGCCTCCTCAACCCAATGTCGCCGACGATCCAGCAAACAAAGCTGTCGATGGT
TCATTGACTTTTACCGACGTCGTCAACAGCTTACAGGCTGTGTATCCGAAACAAACCATG
GCCGATATCTCAACGAGCTATTGCTTCATCTGCTTGCTGCATCTAGCCAACGAACAAGGT
TTGGTTATCGAGAATCAAGAGAAGTACGAGAACCTTACCATACGGAAAGACTTCACAGCG
GAGTTGGATGTTGGTGGGGCATGAGGTCCTACTATCTGGGTCACTCATTCTCACAGCTCG
ACCTGTAGCTGACTGAAACACGGCTCTAATTTATACATTATTAGAACCAATGATACCTTG
CTTCATGAGCTGCAAGTGTTTGAAACGCTTGTTTTTTCCACTTCACCAGACGATTCCTTT
CTGCCTCCAAACGTTTCTATCCCCCACCGCAAGCTTTGTGGGCTCTGGCAATCTGTATTC
GTCTTCCAGGTTCGAAGCAGTAATGCCGGTAAGCAGTCGTGATACCAGAGCCCCAAACTG
AGTGCACCCATGACTTCCAACATTCCTCTAGCCATTTCTTTGTTTAGCCGCGGAAGTCCT
TTGTTTCAAGCGCTCTGGGCAGTATTCGGGACATTGTTCGTGTCCAAAGTAGTGTCGTCC
ACTCGATCCTGGTAGGTCGGCATGAACACAATGGTTGTAATCAACCCCCCTCTTATCCTT
GCCGCAGCCACGGCATCGTGATCTCAACAGGTTCACTCGATGGGAGTCAAGCACCAAATG
GGACGGTCGATAGCAGTGAGAGTGTCCGCAGAGATGTGACATTTCAAACTGTTGGGGCAC
ATCTCCGACGATGGTGGTGAACTTCAACGCGTATCTAATTCCCATAACATTCATGGCAGC
ATGCGTGTAGAGCAGGTTCCCCCCTAAATGCTGGTTCAGGTTCTTGCGATTGATGTTGTG
TACCCGGTACATGGTCGAGGCACTTCCAAAAGGATATCGCCAGCTCGTTGTTCCTCGAGC
TACCCAACAACCGTGGGGGCCCACAACTTCAGTGTCGTTGAGAAGCACACGCCAGCATTC
GCCATCTCTGATTTGCCGCGACAGTCTGAATCTCGCTGACCCTAGCCGGTATCTATGAAG
ATCAACCAGTTGCTGGTACATAGGTGCAGGTGGAACCATCAGTTGCTCCTCCAACAGTCG
GTCAGGCAGGACGGTGATCTTCCGGGAAATGCGAACTTCGATCATTCGCTGGACATTGCG
TCTAGGAGGACTTTGGGACATTGAGACGTCGTCCGTAGTAGAGTCCGTGGTCTGTTGCGT
ATCATGTTGATTTCGAAGTCTTCGACTGGACCTGGGTGCAGTATGAGATCTCAAGCAGGT
ACGACGATCGATCGGATTCAGAGTTGTTGTAGAGCCGATAATGCGAGCCATCTTTGGGAA
GTAGAGTGTTATCTTAGAGTAGGAAAGTGTGAAGCAAACACCATCGAGACAGTGTCCATC
TTGTGTACTGGTTGTATCAGCATATATAGATGACTTGTAGGTCGTCGATCAGATTTCGAG
CAAACATAGAATCATCTACAAATACGTGATGAAGATAGGTTTACGCCTAACGGTAGACTA
CATGTAGGTCACAACATCATGCATGGTACTCTCGGGACGGCATGTTGGCAGCAAGATGCA
TCTGGGGTCGATATGACAAAGGACTTCGCGGCGCAGTACATGAATCGAGGAATAGGGCGA
CTGCAGCGATTCAATGAAGTGATAACCCGTCATGTTGTGAACAATTTACTGTCACAGTTG
CCTTTTGGTTGTTGTTATTGGCCCGGCACCAATCGTCCCGTCTTCACGTATCCGCTAGTA
TGGTGTTGCATATAAAGAAACGATACATCATCTTTCGCTACGTCTTCACAACCATACAGC
GACCATCCATCCAGTGACGAGTCCGACCCACACATACAGTACTTTCCCGATCGCTGTGCT

TGGGGCTTTTGACTCTGCATCCTGTTGCGGTGTAGACTGCACATTCTCCTTAAACTGTCC
AACCACATTTCCCCGAGGCCAGTACTCACAGACGACAAACCACCCCGGAGCATCGCCCTC
ACCACCACTGGTACCACCATTACATTCTTTGCGGCCGCACCCCATTGAGGTTGTCGATTT
CCACACAAGTTGAGTAAAGTGGCCAGTTTCCTCGCTTGGTAAAGTTAGTAAGCACGTATA
TACATGGCGTGAACAGAGAGTTGAACAAACCTGAATTCCCCTGCCTTGAAATCATACTTC
GTGCTCTCATTTCCCCATGCCGTGACGGTAAGCTCTGCGCTGCCATATCCTGAACCGAGA
TTCTCACCGTATGGTCCGCCCTACACGGTCTCTAGCATTAGCGCAGTCGACATGTCATTG
TAGTCCCCGAGCCGCTGATCCTTCTCCCGTCTGTGGATATTGTCGCTTTGGAAGCGAGAC
ATCGATTCCGGGTTTCAGCAGCGCGTGCTGGCCTAGGATCAAGTGGTGTAACGTACGCTA
TGCTCAAATTTGCAACCGTCTGCCAAGTCCTGAGCGTAGTCGGATTGCGTCGTGTTCCAC
TCAAGCTTTGATGCATTGTGTTGCACACGATACTCATTAGTGACGTTCATCAAGTCGTCC
TGAAAAGAGCTGTCACTCGTGTATGATGTCGTTGCTTCGTCAGCAGCTGCGGCCAACACG
GTCATGATGAGGGCGACGAGCATGCCAAGAAAAGGGCTTGGTTTCCACATATTGGGCCAC
TCGAATACGAAGGGTAGTGAATGTCCTGATGAAAGATACAAAGCTCGTGCGTGGACTGTA
TTGAAACACTTTTCGACGCTACAAGCAGAACATGTAAATGTTTGATGAGGTATCGACAGT
AGTTTCGTAGCAAGTGAAAGCCGAAATCCGGTTTCTGAGCCACTGCAGGAGCTGCGACTC
GAAGTTAACGGTCATCGTGTTGTTCCTTGGATAGGGCGCAAAGATTATGACGTAGGTGGA
TAAGGAAAGTTAGCGACATCAACCCCCTGTCCAGATCCTAATGCATGTCTGGGCAACGGA
TGGAAGCTGATCGGCATTTTAGGATCTGTATCATATGTCTTGATCAACATACAACATGGC
TTCAATAAACGTTCCTTTCATTGTCCAGATTCGTTACTCGTATTATCATCAACTCTCATC
GATCCAATCACACGATTGTCCCATAAGTCGGTAGTCCGTGCGTTCATTGACCATCGCAGC
CATATACTTCAATCAAAATCAAGCGCAACGCCGACGCCAAACCAGAAAGGGTAGTCCAGA
GGCCAAAGCGACACGCAATACGAAATGTACGACGCTAAAACGACCGTGGTATCTGAACTT
TTCCTTGTAATCGAAAACAAAAAGCCTCGAATAGAAAAGTGACAAATGACAGAAGATCAA
GGCGCGTATCGCGACTCCTCAACAGTACCTGGTATATCTCGCGAAAAACAAAGAAGCATC
GAGACGGCGCTTAAGCGGCCAACCGAAGAGCGCTGCAGCGGGGACGGGGCATGACTGTTC
AAAAACGTGAAGGAGTCTACTAGCATCACTGACGCTCAACTCCGCAGCAGCCTTAGAGGA
TCCAGTCGACCATTTCTGGTTTCTCTGCGACCAAGCCTATTTCTTCTTCCTGACTTGGGT
GCCAGCAGCCCATCTGAAGAAAGGTGATGGCGCAGGCTTCTTGCGAGAACTTCCGGAGCT
GCCACTGCCACTGGGCATAACGACAACTGCAGGAGGGGGGGAACCACCAGCAGGATGTCC
AGGAGGCGGCGGTGGGGGTGGAGGACCAGGCATGACACCCGGAGGAGGAGGGGGCACTTG
CACGATATGTGCCTGAGGGAGGGATTGGCGTTTCTGGCTCTTGTCCCTCTTGCCCTTTCC
TTTCAACGGAAGGTGGCTGGACAGGAACACTTGCGCATCCGGTGGAGGGGGCGGTGGTGG
AGGAAACGCTTCCTTGGGCGGTTCCAGTGGTGGTGGCGGGGGTTCAGCCATTGGCCACAT
ATGCATAGTAATGGCCCAGTCTGGTTGGATCATGGTTTCCCAGACCTGGGGGAGGATGAT
CTCGCCGTCTGGTCCGACGAGGTCGTAGTGGCCTTCATGAACGTGAGGGCCAATCACATC
GACGTGCAGAAAAGCTTGCTTGATTAGTTCTTCCATGCCCTGACCGAATGTTAGCTCCAA
ATTGAGACCTGTTACCCAGACAACTTACCTTCCATGTTTTACACAGAGCCCACGGGAAGC
TGAACTTGCGACCAACAGCATCCTTGAACTTGATTGGGGCCTTTGGAGCGTCGGATGGTT
TCAACTTGGCGGCCTCTTCTTCAGCAGCCTTCTTTCCCTTTTCCAGGTCGTCCGCAGCAG
CCTTGGCTTCTGCCAAAGCCTTCTCATGGGCCTTCTTGGTCTCCTCGGCTTCTGCGGCGG
CTTTCTTCTCAGCTTCTTCACGTGCCTTTTGCGCTGCTTCGAGCATCAGCTTGGCTTTTT
CGGCAGCGGCTTTCTTTTCTTCTGCAATCTTGGTTGCCTCCGCATCTGCAGCTGCCTTGT
CGGCTGCTCGAGCCGCATCTGCAGCCGCCTCACGCTTGAGTTGTTCGTCTTTCTGAGCAA
GGATGAGGCTTTCGAGTTTGGCGAGCTTGTCTTCATCACCCCTCTTCTTTGCCTCGGCAG
CTTCTTGAGCAGCCTTCTCGGCAGCCTCCTTCTTAGCCTTTTCTTTCTCGATTTTAGCCT
CTTGTTGGGCTATGAGCAGATTTTCGAGGCGATCGAACTTGGCTAATTCAGCGTCTCTTC
TTGCTTTCTCGGCCGCCTTTCTCTCCTCTTCCTCCTTGCCCAATAAGAGTTTCTCGAGCT
TGGAGAGCATGCCCTCCTCCTTTGGATCAGGTTGCGCGGGAGCGGGAGGCGGAGGGGGAG
GTTGAGCCATCATAGCCATAGGGTGCATTTGTTGCATGAGCTGCTGTTGCATGGGCTGCT
GCATGAGTTGCTGTTGCATGGGTTGCTGTTGCAACTGCTGTTGTTGCATAAGCTGCTGCA
ACGTCTGCAGTTGCATCTGGTCAGCAGGGGTTTGGGCTGGCTGAGGCTGAGGTGGAGGTG
GAGGCGGAGCTGGTGCAGCGGGGACATGATGTTCTTCTTCAGGCGGAGGCTGGGGCTTCG
GTGTAGGACGCTTCGAGGGTGGATGCGAGGGTGGGTGCGAAGGCGGGTGTTGTGGAGGTG
GAGAGTGATGCTCTGGATGTCCGTACGGATACATGTGCGATGGCATGCCACCATAGGGCG
AAGCACCGTATGGTGGGTAGTAGCCCATTGGTGAATAAGGCATCATGTCTGCTTGGGGCG
CCGCCGGCATGGACTTACGATGACCCCTACGTGATTGACGCGGATCTTGATGGCGTGGGT
CTTGATGGCGCGGGTCCTGGTAATCGGGAAAGTAACCGCCGCGTGGATCGCCAGCCGAAG
GAGGACCTTGAGTAAAAGGATTCTGGCCGTTAGGGGCAAAGGGGTTCTGAGCATAGGCCG
AGTGTGCCTCTTGACCGAAGGGCACCAGCTGACCCGGGGGCGATTGTGCGCCGCCCGGGA
AGCCGCCGTAGGGGTAGCGTGGATCCGACATCAAGCTGGGCGCATAGCCGTTGGGAGCAT
GTTGGGGTATGTGGCCCCAGCCAGCACTGGGATGGCCGGGAGGATGGCCAGGGTGGGGCG
GGGCTCCGTATGGGTAGTCGTCGTCCTCGACCTCGAGGGCGTCCTGATGGACGGATTGGG
GCCTTGGCCGCCTCGACCTGCGTGTGCGCTCCAGTTTGCTGCGGCTGCGGCTACGACTTT
GGCTCTCGTGGCGCGAGGGAGGATCTGGGACGGGCGCTGCGTGACGCGAAGAGGCTCGAT
CTCGGTGCGAGGCCTTTGTGCGTGGTCCACGTGGAGGGGCTATAGCAGGTGGGGGAATAA
CGTGGCGTGCAACAGCGTGATGCGAGACAGCGTGCCGCGGCGCCGAGTGGTGCTTGCTGA
CGACTTGTGGACGCGAGGCCGAGTCGGAGGGGTTGATTTCGTCCTCTATGTAGTCCCACG

AGCCTTCCTCGTCGTCGTCTTCGTCTTCGTCTTCCTCGTCGTCGTCGTCTTCCTCGCCCT
CTTCGTCTTCTTCGTCGTCTTCCTCGTCGGTCGCCTCCGAGGTGGTGTATTCGTCCTCGC
TAGCGGAGACTACCTGGATGCCGGCCGAGTCCTCGTCGGTAAAGTCGTCGTCGTCTTCGA
AGGCGCCCGTGTGGTTATTGACTGTGATTCCCTTCCGGAGTCTGATGGCCACGTTAGTGT
CGCCCTTGACATGATAGCGGCGCTGGGGAGGAGAAATGGGCACGCTCGACGGCGCGGTGC
TGTGTGTTGCGCGCGACTTTACAGCGGAGCGCCGCGACGACGCAGCATGGGGCATGGCGC
GACGTTGGGGGAGATGGGCTATGACTAACGGCATGAGTCTGGTGGTGCTGACGGAACCGC
ACTCGAGCCTCCTTCTGCTAGAGAATGGCCGAGTCCAGGGTTCCGAGGTGCGCGAGCAAG
GTGCGGTGCGGTGTGGGCGAAGGGAGGATTGGAGGTGGAGCACAGGTGCGGGCGCGAGAA
GATGTTAGGAGAACGCGGGGCAGGGCAGGAGATGGGTTGCGGTCCAAGGTTGCCTAAGCA
CAAAAACGGTACGCTATAACCAGTGGCGTATGGGTAAACAATAACAATCTCAGAATCCAC
GGCAGACTGTGGTCAGGCGGGACAGTCGGGCGACGTCTTGGGGAGGGCAGGAGAGCAGAA
AAAGCGTCAACCCTGGCTGCCGAAACGGTTTGGTTCTAACTAGGCGGCTGTGTCGTGTCG
TGCTTCGGTCTTGTCTCTAACGTCAAATCGATATAGTAGGAATTCGTGTTTCAAGGCCGG
CGCCCAACCCTCCAGTCCAGACAATAGTGCGCAGAAAACGATTGTGCTGGCTCGGACATA
GTCTGGCTGAAGCAATAGTAGATATGCTTGATGATGACGACAGCGATGCGATGTCTGCGA
TGTGATGTGGAAGCCGCTCTACTATACTCCATCTACAGTGCCCGTTGCCATTGCTATTAA
ATTCACCTCATCATCCTGCAGCAGTACTGCCATCGCTGGGAGTCATGCTACCTTTGTCTA
GTCGGCTACGTGGTTCCAACTCAGCGGCCTCATTGACCGCTTAGCAGCCCAAACGATGCG
GCTCATGCAGCCCAACGAGGGCATAGTCGGGTGTCTGACACGTGTAGTCATGAGGAGCGA
CGACTGTTTGCTTATTCGACAACAACGTCACCGTCGACAGAGCATGTCTGTGGAACAAGC
TGCCTCTAACGTGTTTCAGAGCGCTCACGTACCAAGACAGCGTGCTGTATGAACCACGTC
CAGTATACGCCCATCCATCGTTCCAATACAGAACTGGAACAACGAACAAAGCCAACGTAT
GGAGCGGGTTCTCGACATCGGCCGGTGCGTGCCGTTCGCCTATCTTAGCTGCATACTGGA
CCCACGTCGTTCGAGGAAAGAACGTAAACCTTTTTCGCCTACAACAACACGCGATATGGG
TCGTGGACAGGTAGACAGATCGCCTAGAAGCCTGGAATGCCGGCCTGACTCTCCAGTCGC
TGTGTCTGTAGTACTGCAAACTACGGGAATATTATTGTCTTCACAGCAGTTTAATATCCT
CCTTGCCCTGAAGCTACACACTATTACTTTTTCGCAAAACTGTATCACAAAATACTATGT
ATACTTCCAGGACTGAATTCGCTCTCGATTCCAACACCAAAAGACCTTAGCGTGTTCCGG
GAGGTATACGCATAATACTCCTGCCTCTGACGATAACGTACCATTGCATAGACATTCGCA
GTTGATGTCGAACAAGCAGTAGGCCTATGTGTGTATCTGTGGTCATCTTACCCATCTCCT
TTGTATTTTCGAGCCACGCGCTATTCAAACGCAACGACAGGGTCATGGGAACAAGGCGCC
TAACAAGAGACACAGACACGATTCCAGAAGGCACTACGCGCATACAAACCACATGTGAGC
TGGGCGGGAGGAAACCATCTCGAATGAGAGGCCGACAGCAAGGTTCGGCACCAAATGCGT
GATCGAATTGGTATCTAGTATGCATCCACAAACGCCTGACAATGCAAGATGCTTTTCGCT
TATGCTTCCTCCTCTTCATCTTCCTCGTCTTCGTCTGCCGTACCATTGGTCAAGCCTTTT
CTAGGCACCTCGAAGACATAAATGCCGTTTTTGACCTTCCCAGACATCCATCGAGCCAGC
CTGGGCTCTTTGCCTACGGCGGCTACGATGCACAGCCCATCCTTGCCTCTATCTCCCCTC
TCTTGTACCGCAAGGCCGTTGACGATACCTCGTATAAGGATAGCACCGTCCTTGGCGTCG
CCATTGACCATAGACTCGTCTTCCACCGTCGGTACGCGCCCTACTTTGCCCACTGGCTCG
ATGCTTTTCTTGTCCGCTGTAATCTTCCACGCGCGTATCCAGCCGTCCCAGCTTGCTGTA
AGGATGAGATCGGCAAAAGGAACAGTAGCAAGCGCAGTCACGTATCGTGGAAGCCGGGGA
CCGGGCTTTACTGATGTTGCCGCGTCGTCGTTGGCGGACATTTGCTCGGGCGAGAGCGGT
GGATCACGGCCGTGAGTGAGTGGGTATGTGAAGAGAGGCTTTTTCCGGTTGACAGACCAT
AGCGACAGTGCACCATTGTCAGATGCTGTAACGAACAAGCCGGCGTCGAGAAGACCCACG
CAGTCGATGGAGCCCTCAGCATATGCGATGGGCGGGTCATCGTCGTTGTCGGACGTTCCA
CCGTTAGCCTGTTCATCCTGTTTTTCGTCTCCATCAACATTTTTTCCGAATCGACCTTTG
CGCAACTTGTCCAGGCCCTTTTGTCTAGCCGTACCGCCTCCATGGAACACGAGCTGGTTT
TCCTCGACGACTCTCCACAAGCGAGCGGTGCGATCTCTTGCGCCTACACTGACACAAGTC
TCCTGATTGAGCTCCAGCCCGCCTGCTACACCAATGACAGCGTCCTGATGTCCGACAAGC
GTCTCAATATATGCTGATTCCGGCGCGCTCCATACAATGACAGCTCGGTCTGCACCGCCA
GAGAAGAGTTGTTCGGTGCCCCTCCGGAAGGACAGAGAGAGGACGGCGTCTCGATGGCGA
GTGAAGAGGTGACGGGGTGTAAGAGTGTCGGCATCCCAGATGATCAGACGAGCATGCTTG
TCGCCAGTGGCCAGGTACTTTCCCGAGTCGGAGACGGCTATAGACACGATCTCGCCTGTG
TGGCCCAGGAAGGCGCGGTCGCCTTTTTTGTTCTTGTTTCCCTTCCGCCAGAGGAGCCTC
TTTGGTGTAGTGCGCGGCGTCAAGTTGGACGGTCGGCTGGGGTCAGGCGCATACGACTTT
GGGTCAGCGATTTCCCACTTCTCAACGACAAGATCTTTGCTGATGGTCCAGGCATACGGC
AGCTTGACGGCACATCCTGTTGTGGCTTTTTGCAGCCCCGAGTAGCCGGTGGCATGCGAT
GCATGCTCAAAGTCAAGCTCGGTGGCAATTGACCGGTAGATCTTGCCCTTTCCCTCTGCG
ACGTCTTCTTTTAGTCGCTCAGCGATGAGGTCCTTGTCAATCTGCTCGGCGTCGAAGCCC
ACTTCCTCCTCGACTTCGTTGCGAATGTTCTCGAGGTAGCGCTCTGCCAACCTGAGACGC
TTTTCCGCCGCAGTCTCGTTCTCATCTTCAGAGGTGGTAGAGCCGCCGTCTGCGTCGTCT
TCGTCGTCGTCGAAGGTGGGTGCGCCGTCGCCGTCGGATTCGTCGCTGCCACTGATGGAC
TCTTCTCGCTGGGAGTGACGAGCATGCGCGTCCGTGTTGCGACGTTTGGGGGCGCTGGCC
GCGACCTCGCCGCGCTTCCGTTTCCGTTGTGAGGCCGGCGTGGTGAAGAAAGACGACGAC
ATGGTTGTGGTTGCCGTTTGACCTGCGCGGAAGAGATCTGTGTAGTAGGGATTGTCTTGG
CTAGAAACTTTTTGCGGACCCTAACGCCAAGCAAGACCTCCGTCATGCATGGGTTCGCGT
CTTCCGACTGCACCGTGTTCACATGTGAGGATCGCCAACTCGACACGACATGCGCTGCAT

TCGGCGCCGCTCGACACGCCAATTTGTCTTCTCTCAGTGATTTTTGCATTGCACTGCATC
GCATTGCATCGCACGTACAATTGGCAGAGCTGTTCGCTAACAGACACAGCGCAAATACCG
CTGCCAACCCTCGGCCACTGTCGCCTCATATGACTTGAATGTGCGTGCATCCACGATAAA
CCCTTGACCATTGTGCCGCGCGACTTCCCTGTAGTCGTGCAGGCACAAGCAACAGAGCAA
AGGTCATGATGGCGCAAGAGACGGCACCGCCAGACTCGCCCTTGGATGCGTTTGCGCCTG
CGCCCGACGACATCGAACAACTCGACCAATTCCGCCGTTCGCCCCACCCGTACTTGCATC
ATAGAGATCAGCTACGGAGACGGTCGCCAGATCCGGTGCACGACGTTTCTCTGCACTCGC
AATCGCAATCGCAAACCCCGCCCCGGCCCCTAGACAAGACCATGAGGAAAACGCCGTCAC
AATCACCAAGTGAAAGCGGCACCGAGGCCGACGACGAGGGCTGCAGCCTTGTCAAGGCAC
TGCCTGCTCCTCCCTTGCGACCGCACAAGGGCCTCCGTGAGTCCCAGGCATTGGGCACAG
AGGCGTGGGCGAGCCCCCTCCTCACCCCCACACAGATTGACGATGAGGGGAGGAAGCTCT
CCGAGGGCTACTTCGCTCGCAACAACAAGACGAGACGCAAGGGAGACGTATACCATAGCG
ACGACGAAGCGAGGGCGGCCAGGCAGAGATACCTCCAGCGGCGGCGCAACGAGCTGGTCA
GGAGAACGACCGAGACTGCATTGCTTGCGGGCATTGCCGTCCTGGCTGTCCGTGGTTGCG
ACTGCTGGACCAAACTGCTGGCATGGCATAGAGGTCAGTCCGCATCCCTTGCCTGCGCCA
AAGTATGCTGACCTGTGTCTAGTAGAGCTGTTGACACACTGTTCTGTCATGGCTGGCGTT
TTGGGGCTATATCCGCTTCGGCTTCTGTACTACTCATGGAGAAATCACTCTCAACTCCGG
CTTGGCCGTCAAATACATCTACCAGCCGCCTTCGATCCGGCCACTATCCTCTACCCCCCA
ATATTGCCCGTCCTGATTGCGATCTCCCTGTTTGCTTCATCGTCAAAGCCCCTTCTACCC
AACATGTTGCTTGGACTAGCCGCTTTACCAGCCAGGCTTGTTCCTTTCAGAAGCGCTACC
TTGGGCTACTCTCCTCTGCACTGGCTGATATCCATCATGCCCCTGATCGTTTCAGAGAAC
ACCGATATACCCTCTCGGCTGTTTGCACAGACACCATACAAGCTCAAGTTACCCCCGCCT
AACCAAGGTGTAGACCCAGAACTTCTGGTGATGTTATTCCCCTTGCATCAGGCGCTACTA
CCGCCCTTGTACTATCTCACCACGACGAGCCTTTTGCCAGCCGAGTTGCATTTGCTTTCC
ATTGGGCTCATCAACCTCCTCTTATTCTCGGAAACTCCTCAAGCAACCATACTCACTGTC
TTGCTGTGGCTAGGCGGGCTGGGTGTTTTCTTGCTTTGCGGCAGGATCTTGAAGTGGGGT
GTTGCACTTGCACGCATTCCGCGATGGAGGCTTCGGCGTGCTGGCCAAGTCATCCGAGCT
CGACAGAATTTCTTGCAGGTCCTGAACCACAGCCTGGGTTCCAGGCGCGGCGGGAGTGGT
TCGGTGAGAAATGCGAGTGATAGTGATGCGGACGAAGAAGATCCTGCATTTGAAAATGCT
CTCTACAAGACTAAGAGTCTGAAAGTCAACATTCTAGATTCTGTGAAACATAGCAGACTT
CGCATGGACGGCGATGAGCCACGATCCGCGGTTGAAGCGACAAACACGGGCTTTCAGCAA
TCGAATGATGGCGAAAGAGCCAACCATAGCAGCGGACGCAGGCGAAGGAACACTCTTCCA
GTTCTCGTCGCTGAAGACCATACATCAAAGCATCAGTACTCGAGTCGAAAACGATCGAGA
TCAATTGTGCAGTCTTACCTGTCGCTCACGCCGACCGAAGCCACCATGAGGAAGTGGTTG
TACGCAGGATACTTCTATGCGATTGTAGTCGCGCTGATACTTGGACCAATTCGGTATACT
ATCGGCGAACATGCTCTCCACCACAACGAACCGTTCGGATGGGCCATCAGCTACCTCTTC
GGCAATGTACCGCGCGTGCGATGGGAGGTGTTCCAATGGAATTTGGACGGGTGGGTCCCA
CTACCGACGAGACTGGATTCTGACGCCATGCTCGAATCCGCACAGCATCTATCACCTGCG
GAGTATGTGCGTTTCTTAGTGGTGGGCGAAGCAAACACACGTCTCTTGTTGTGCTTGTAC
TGCGCCGGAACTATCATTGCTGGCCTTGTTGCAGTCTTTTCGCTTTCCGCGGTTGTAGAA
GTCGACACGCGCAGAAAGGTGTTCCATGGCACCATGGTCGCGATGCTTCTTCCGACCATC
TTCATCGATCCTTGTTTTGTCGCACTAGCCCTTGCGTTGGTGCTTGCGATATTTCTCCTT
CTGGATCTGATTCGTGCCTCGCAACTGCCACCACTGTCGAAACCCATTGCTAGGTTCCTC
ACGCCGTACGTAGACGGTCGTGATCTCCGGGGTCCAGTAGTAGTATCACACATCTTTCTC
CTCATAGGCTGCGCAATACCGCTTTGGCTATCGCTCGCAGGTATAGAACGGGCTGGCGAT
GAGCCATGGCAAGGGTGGGATGTCAAGGATAGGGATGTGAGTATGGTGGCAGGGGTGGTC
TGTGTTGGCATGGGCGACGCCGCGGCATCTCTCATGGGCCGTCGCTACGGACGGCGGAAG
TGGCCATGGGCCGGCGGCAAGTCACTCGAGGGCTCCCTGGCATTTGCATTTGCAGTGTCG
ATAGGGCTCGTTGTGAGTAGAGTCTGGCTTGACGTTGGGTGGGACAGTGGCCAGGCAGGG
CAGAAGACAACGAGCGAGTGGGTACAAGACGCACTGCTCATGGTCGGCAAGGCAGGTCTA
TGTGCGGCGGGGGCGAGCCTCAATGAGGCGGTGCTCACAGGCGGAAACGACAATGTGATA
GTGCCAGTCATACTATGGGCTCTTGTGAGGGGTGTCAGGCTGTAGGCAACGGACTCAGCC
ACATCAGGCGGGATGCAGGTACGCAGTAGATAGCCTGGTACTACTAAAACACCATGCACA
TGGCCATTTGCGCAGGGGAGCATGACTTGCATCTACAGCCTCGAGACAATTACGTCAGAG
TTGGGCGAGACGAAGTAGTGCTGGTGGAGGTCACGTCGGCGGCCAAATGAGGGGCTATGG
GTCAGCGATATGCCCCATACTCTACACTCTGCAACTTATCCATGGCAGCCACGGACCATG
ACAAGCAAATCCGTCGAACCCGATGAGCGTGTCCAGGAGGCTATTGCAAGGAGATTGAAC
AGAGTTTGGTCGACGTTGTCCTAGTTGCAGTAGGATAGTTGTAAGGTAGGTTCTGAGGTT
CCAAGCTAGCGGCGAGCACGCGTTATCGGCACGTGCGGCCATAGACGTCCCGCGCGCCTC
AGACTACCGCCTACTGACCACTACCTACTATCCCGCTGCATGCTTTCGCTCTCCTAATCT
CTTAACCCTCTCCGCCGCTCTGCTTTCTTGTATCCAATCTCACGTATTCCTCGCTCATCT
GCCCATCGCGCCCGCATACTTGTTGCCGCCACCGTCGCGTTCACCACCACGACCATCCCT
CAGCGCTATCGATAGCCCGACCACGACGATAGCTCATGTCCAACGCCCTCACGGCCACGC
TATACCCACATCTTCGCTGGTAGCTGACGACTGGCTACATAGACACCAGCAGCCTCATCC
GGGCCCCGGCTGCTCAGCCAGCGCCGCCTACCATGGCCTCACCCCCAAACCCGCACGCCC
CACGGCGGTCGGGTGCATCGCCGTCGACGTCGTCACCCGCTGCCACGGGCTTGGAGCAGA
TTATCGGCAAGTTCAAGCGCTTGCATCACATTGGCAAAGGCAGCTTCGCCGAAGTCTATC
GTGGCATCCACATTGTACGTTGCTGCCCTCACTCTCAAGCATGCATCGAGTGCTAACTGC

GTCCTTGTACAGGAGAAACGGCAGTCGGTCGCCATCAAGTCGGTCAACATGAACAAGCTG
AACAAGAAGCTCAAAGACAACCTCGTCTCGGAAATCACCATCTTGCGCAGTCTGCACCAC
CCACACATCGTGTCGCTCATCGACTGCCACGAGACGCCATCGCGCATGCACATTATCATG
GAGTTTTGTGAACTCGGCGACCTGTCAGCCTTCATCAAGAAGCGCTCCGATCTCGTGAAC
CACCCGCAAACCCAGCGCATGATAGAAAAGTACCCCAACCCAGCCGTGGGCGGCCTCCAC
GAGGTCGTCGTACGCCACTTTGCCAAGCAGATGGCCAGCGCCCTCGAGTTTCTGCGATCC
AAGAATTACATCCATCGTGATCTGAAGCCCCAGAACCTGCTTCTCAATCCATCGTCCATA
TTCTACTCACAGAGTGGAACTCTGGAACGCATGCCTTTGGCCGCCAGCGCAAACTCCTTG
ATACCCGCCACTGGCATTGCCTCGTTGCCCATGCTCAAGATTGCTGATTTCGGCTTCGCT
AGGATTCTGCCAACTACCTCACTGGCCGAAACCCTCTGCGGCTCTCCCCTCTACATGGCA
CCAGAGATTCTGCGATATGAAAAGTACGATGCAAAAGCTGATCTCTGGTCGGTGGGAACC
GTTCTCTTCGAAATGATGTGTGCTCGGCCACCATTTAGGGCCAACAACCACGTAGAATTG
CTACGCAAAATCGAAGAGCGCAAGGATCAGGTCCGATTCCCAGAAGGTCTCGTCAGCAGC
AGGGCCATGAAGACTCTCATCCGCGCACTCCTGAAGCGTAAGCCAACTGAGCGCATGTCT
TATGAACATTTCTTCTCAGATCCGGTCATCCGTGATGAAATTCCAGACATGGTGGACGAA
GACCTTCCTGGCTCCATGCAAGCTTCTGAGCGTATGCAAACCTCTGTACTAGAACCACCA
ATCGAGCCACCTAGACGACTACAGAAAGCGCCTGTTGAAATGGATCCAAGGGCTCCTGAT
AATCCATACTCGCCATTGCCCAGAGACAGGACGACAGCCCCTGGCACAACGCCGCCTTCA
CGGCCCAGCTCTAGACCCGTTTCCGGTAACTTCTCTGGCACTCCACCGCAACACCTTTCT
GCACGAAGGGCCAACAATGCCCCGGCCGATCCTAGCGACGAACGTATGTCGACTCGCGAA
CACCGCCGACCCACTCTTACCAACGCGGCAACCGCACCAGGACGTACCGCTACACTGCAG
GATCAGACCGCCGCACCCACTACCATCGGCCATAGGCGCAAACATTCTCGCGATGAGCAA
GCATCGACACCTACCGGCCTCAAGGAGCACTTTGACCGCGAGCGGATCCCACAGAGAGCG
GAAGCCAACGTACTGAAAGAAGCGGCAGAACGAGCTGCACAAGACAACGCGCTTGACGAG
GGCTTTGTATTTGTAGAGAAGCGCCGTGTGGAAATCGACGCACTCGCAGACGAGATTGCC
AATAGCCCGCAAACACAACGAGATCGTCTCGTTCACCGAGAAGTTCCAATGAAGCGACGT
TCGACAACCCAAGGGTCCCCAACATCGACCACTGGTGCAGTCCCTTCCAAGGCCATCCAG
ATCCAACAAAAGCCAACCATTACCCACCAACGCACGGCTTCATATAGTCGGAGACAGTAT
CGTCCAAGTTTCGAAACCGCTACTTCTGCCTTGTCCAAGGCTATGAACATGGTCAACATT
CGAGGGCTTGGTCTGTCACCACCCGTCATGAAGGGCGTATCTCCCCCACAGGGCTATTCT
GCATTTCCTGCGTATCCAACTGCGCAAAGCAGCATGTTGCTGGTCGGCGATGGAGGCAAA
GTGGTGGGCAAGGACGAAGACACTAGTACGGTTAAAAGAATTGAAGATCTGGCGCAGCTC
AGCCACGTTGTTTACGGCTTCGCAGAAGTCAAGTACAGCCAGCTCGTCCCAGTTGCACCA
AGCGACCCGGCTCTAGGTATCGGCTCCACTGGCGTTGCTCGCAAGCCTAGTAGCGATGTA
ATTGACGACGAGGATGACGACGACGATGATCTGACGCCCGATACTGTTCTTATCATCTCT
GAGGAAGCGTTGGTACTTTTTGTGAAAACGTTGGCAATGCTGAACAAGGCCATGGACTTG
ACCGGTAGTTACTGGAACCGAACTCGACGTAACAGCGGTCCTGACGGTGCAAGCCGAACT
AATGCAAAACTTGGCCAAGTAGTCTCTTGGATGCGCGACCGATTCAACGAGTGCTGCGTC
AAATCTGAGATAGTTGCACGCAAGCTCAAGCAGGCACAGCAGCAGCTACCAGCAGACCAT
CCCAGTCATCCTCAGAATCAGTCAGCGGCATCTGGTTCTACGACTGCGGTTGGTTCTGCC
GAGAATATTCTGCTTACAACTGGCGTCACGGCCGAAAAGCTGCTATACGATCGATCCCTA
GAAATGAGCCGCCAGGCAGCCATTGATGAGCTTACTGGACACAATCTGGCCGACTGTGAT
ATTAATTACTGGACTGCCATCACAATGCTTCAAGCTGTCTTGGAAGAAGAGGAAGATTCG
CCCAACGACAAGGCAGATGCTGAGGAAATCAATGGTCTCGATGGTGAAGACCGACGCTCG
ATCCAGAAGCGTAAGTGCCGTTACAATGTCTTCCGAGGGATACACAGCTAACTGCTACAG
TTCTCGAACAGATGAGAAGCCGCCAACGAGCGCTGAAGAAAAAGCTTGATGCACTCAGGG
CTCAAAAGCGCACCTCCATCACCAGTGCGCCCGCACCACACTCCGTCGGTCGCAGCTCGC
CTTCTCAGGGTGTCGCAAAGTAGTTCCGCAGAGCACAGAGTGCTACACGTTTGCATACAA
CTTTACATTTACTGGCGTCTAGGAACAGGATGGTCTGCACGCCACTCTGGTTTGCTTTTA
TGGGTTTGATTTAGCTTTCTTTCTGCCTGGTTGGGGACAAAGGCGCCTCATGGAGGGCTT
CGGCGTACTCGCATGCATTCGCATATGATACCAGGAACTTGGGTAGCGATGATGTGCAGT
TCCATTTCACTGTCGGGCGTTGTTTGAATCATATAGCGGGTCTGGGTTCAGGGCGCACGG
CTTTGGCGGCGTTTCATCGTGTCACAGAATGATGTCTTGGGTCGTCTTGAGGAGCAGTTG
TTGCGTTCATTTTAGACCGGCCCATAAGGCAAACGAACACGTATCGAACCCTAAGCAGTA
TTATTGATAGGAGAAGAATAAATATGGATTAATGTATCAAATCTGTCAACTTCATGGTAG
GCGTAATGTTTGCAAGTTGGTCATTTGGTTCAGTCCCAGTACACTTGCATTCCTTCAAGT
GCAACTAGGTATCAAAGCTAACCAGTGGGTGGGTCTGTACAATTGCCCCATTTTGAAGGC
GATACAGCAACTGCTTCTCGTGCTCGGCCATCATGTTCATAGTCCCATCACCTGCGATTT
CAAGAGATGGAGACGCTGATAATCTTGATATCCTCCTCCGGCTTCTCCTTGTACACCTTG
GTGTTCTCGATCTTGTGAATAACGTCCATACCCGCAATCGCCCTNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNATGCTCACCGTA
TAGGGTTTGTCATGTTTCAAGTTGGAGAACTCGTCTGCAAATTCCTTGCCCCATATACTC
TCTCCGCCTGTGCCGTCGCCAAGTGGGTCACCGGTTTGTATCATGAATTTGCGGATTACG
CGGTGGAAGATGACGTTGTTGTAGTAGTTATTGCGCCCGTGGGTGACGAAATTCTCCACG
GCCTTGGGTGCGGCGTCTGGGAAGAGGCGAATGGTGATGTCGCCGTAGGTAGTGTGGAGT
GTTGCCGTCGTACCCGTTGCTGCGAGTGTTTTATCATTCTTTTGTTTATTGGCGCCAGCG

GCACGAGGTTTCTCGTTCTGTACGTCACGGGTCGACTTGGTAGCGCTGGCATCGTTGGTG
TACATGTAGAAGCGGACCTTGCCAGAACCTGTAGAGACCAGCATGGCGTCTCTTGCCTCG
GCTTCTTGAAGCAGTGGGTTCTCGCTTGCTGCCATTTCGACCGTGACGACACCCTTTTTC
TCTGGTTGACCTTGATAGAGACACAGCCATAGTGGTCGGATGGATTCTTCTTGGCCGTAC
AGCTTCACGAGCTTGTTGGTCAGCGTATTGATGACTTTGACTCCGTACATGCTGCCATAT
AGGATGAAATTACTTGTCTCGTCAAATATGACATTCATGCGACCTCTTGTAGTAGGCTGG
TCAAGCTCTCTCTCGATGGCTATCCGTCGACCAAACTCCATGTCCTCTAGGTGTTGGACA
GCGGTGCCGGCCTGTTGCATGCTCGTGATGGTTTCAACTGATTCATCGTATGTCCGATAG
AGTTTGCCCGTTGCAAAATCGAAGACGCGGACCTTTCGATCAGGAAAGGAAAAGGTGACA
AACTGCTTCCCAGAGGGGGATATGGTAAGCGACGAGGGCACACATTTTGACTTTTTGAAC
TCGAACAAGTTGGTGGAGCTCTTCAGCGACCATACGTTGTCTGGCTTTTCATAATTTCCA
TTGGGTCTCCAGTACTCGACCATACCCCCTTGATCGACGCTTACGACACAGTCGAATTCA
TTGTTGTATGCCATTATGCTGACAGGCGCCCTGTGCACACTCTTGAGCGTTTGCAGAGGC
TCCGGATTCTCCCCCCTGCCATCGTATATGCGGATCCAACCATTCTCTTCGGAGCTGACG
GCGAGTTGAGGAAAGCTTGCGCCTCGGCCATGCAGCCAGCAAACCGCGCGAGGGGTATAC
TCGACAGTCAGCATGGCCAGGAGATCGAAGGTGACGACGTCGAAGATTTTGATCGTCTTG
TCGGCGCCTGCAGTGGCAAAGCTACGGCCGTCGGCGCTCACGTTGACAGACTTGATTTCG
CCATTGTGCGCCCTGAACTCCTTGACAAACTCTATACCGCCAAAGTCCTTCTTCCAAAAC
TTGACCACGCCGTCGACGGAGCTCGTTATGAGGAAGTCGGTGTGGGGCGTCAAAGTGGTA
AAGCACAGTTGCTCGCGATGCATGAGTGATTTGGAGTAACGGGTTGCGCCGGGCAGTGCA
GCGACATAGAGCTTTTCGTACGGCAGCTTGCGCTTTTTCCTCTTGGGCGCCGAGGAGGGG
AGAGCCGGACCGAAGTCATCGTCGTCGGAGGAAGTATCGTCTAGAGTGGGTGTGAGAAAG
TTGGCGCGCGTGAGAGGTGCGGAATGGCAATACCGTCTTGAACTTGGGCCGCAGCTTCTC
TTGCAGAGACGGCGCCGTCAGCCTCCATTTCGGCACGCGAGCGCTTTGCCTTGCTCGGCG
ACGGGGGCCCGTTGGCTTGCATCATGAAAAAGGTGCAGTGTGTTTGTCGTGGACGGATCG
GTTGTCACAGGCAGGCTCGATGATGCAGGGTCGGAGCTTCCAACGACGCGCCGCGCTCTC
TCACTTTCTCGGACCGTCTCCCGCATTCCGCAACAACACCAGCGATAGCACCAATACCAT
CGCCATCACCACCGACACTTCGCCCTCCCACCTTTCACCCGGACCAAGGCTGGAACTCGC
CATCACTGACCGCACATAGCTTTACACCTCCACCTTGATCCCGCACCAAACCCGGCCGCC
TTGCCATTACCGCCTCCCGCACCTGCTGCACCATTACAACTACATTCACAACCACACTCA
CATCCACCGCACAACCTCACCATGAGCGGAAGCGGCGACCAAGAGCGGGAACACGCCCTC
GAAGCTTACAAGTCCAAGCTACTTGAGTCGAGAGAATGGGAGGCCAAGCTCAAGGCGCTG
CGACTGGACATCAAGGGCCTCCAGCACGACTTTGACGTATCAGAAGACAACATCAAGGCG
CTGCAGAGCGTCGGCCAGATAATAGGAGAGGTGCTGAAGCAGCTAGACGAGGAGCGATGT
ACGTGGGCATTTGCATCACCGAGAGAGACGCCACACTAACCTCCCCGCAGTCATTGTCAA
GGCATCGTCAGGGCCCCGTTACGTCGTCGGATGCCGGTCAAAGGTCGACAAGGCCAAGCT
CAAGCAAGGCACCCGCGTGGCTCTGGATATGACGACTCTTACCATAATGCGCATGCTCCC
CCGCGAAGTCGATCCGCTCGTCTACAACATGTCGCTCGAAGACCCGGGTCAGGTTAGCTT
TGGCGGTATCGGTGGTCTCAATGAGCAGATTAGAGAGCTACGTGAGGTGATTGAGCTGCC
GTTGAAGAACCCAGAGCTGTTCTTGCGAGTAGGCATCAAGCCGCCAAAGGGAGTGCTGCT
CTACGGACCGCCAGGCACTGGCAAGACACTATTGGCACGTGCTGTGGCGAGCAGTCTCGA
GACAAACTTCCTCAAGGTTGTCAGCTCGGCCATTGTCGACAAATACATTGGAGAGTCGGC
GCGTCTGATCCGCGAGATGTTTGGGTACGCAAAGGAGCACGAGCCCTGCATCATCTTCAT
GGACGAGATCGATGCGATTGGTGGACGACGCTTCTCCGAGGGAACTTCAGCAGATCGTGA
GATTCAGCGAACTCTCATGGAGCTGCTAAATCAGCTTGATGGTTTCGACTACCTAGGACA
GACCAAGATCATCATGGCAACAAACCGACCAGATACGCTCGACCCTGCTCTTCTGCGCGC
TGGTCGTCTGGACCGCAAGCTCGAAATCCCCCTGCCCAACGAAGTAGGACGTCTGGAGAT
TCTCAAAATCCACTCTGGCAGCGTAGTGACGGACGGAGAGATTGACTTTGAGAGCATTGT
CAAGATGAGCGATGGCATGAACGGCGCCGATTTACGCAACGTTGTCACAGAAGCGTAAGT
ATCTTCTTCCCGTGTGACTACAGTATGGCTAACCTACCACAGTGGTCTCTTTGCCATCAA
GGACTACCGAGACTCGATCAACCAGGACGACTTCAACAAGGCAGTGCGGAAGATGGCCGA
GTCAAAGAAGCTCGAAGGCAAGCTAGACTACCAGAAGCTGTAGAACCATAGCCTAGACTT
GGTTGATAATAATTCAAGAAAGAGCCATGAGCATCATGTACAATAGCGTCATAGGAAAGA
GGCTGACATGGTCACACATCTGAAGTTACACTACGAAGTGGTGAATGAATTCACGTCACA
CTAAACTCACATCTCTGTAAAAGCCGACCTTCCGCACCGCAGAGGTTGTCGTGGTGCATT
TGTTCAGTTACGCTTATGGTATGTACACTGACGTCATTCTTAGACTTGCCAACGTGAAAA
AAGCTTATTGTGTTTGTTGGGGACAATATGGATTGATGGCGCAGGGAGTATATGCTTTTC
ATCTCCATCTATTTGTACAGCCATAGTTCATAACAATCCACACAACACTCTGCTTCTACT
GTAGGTATTTATGTTCCTGCAGCCACGTCTTGACATCCTCCGCATCTCTCTCAAGCCATG
CGGCTTTGGCACTGATGGCGTCGATGCTCTGAGACAGCGCCATATCGAAGCCCTTGGTGC
TCTTGCTGCTGAAGAACGCCTGGATATCTTCAATGTGTTCCCGGTGAGTGAAGCCCGATG
TTGTAATGGCAACAACCGAACTTAGCATGCTCAAGCTAGGAGGCAGCCTTCTCTCCAGCT
CCGACCAGTTGTCCTTGACCCACTTCCAAAGCGCGTGACAGCCCTCTGCGTGTGACCTCA
AGGCAGCAATGGGCAGGTAGATGTCTTGGCCCTTGACTTCGTCACTGAGGGCCATGGCGA
GCGTGCGCTGGATGAGCTCTGGCGACTTGGCACGACCGAGCGCGCGAAGAGCCGAGTTGC
GCTCGTCACTTGTGGCGGCGTTTCGTGTCTCGTTGACAATGACGTCGTACTGAGCAAGGT
TAGTTCAGATTCCACATATCGCTGTTCAACGGCTTACTTCTTCTTGCCCACCATTCGCCA
ACACAATAGCATATACGCTGCCGCGGATGTTGGGGTGGATGGCAGACTTGTCGCCTGCTT

TAAACTTCTCAAACATGTCGAATGATGCCTTGGTAATCTTCTCGTCTCCGGCGATACCGG
CAGCACCGAACATGAGACCCTTGAATTGTTGCTCGATATGGCCGTCTTTTTCATCAAACG
TCCATCCCAGCTCATGTGCCTTCTCTGCACTGAGCTCCAACTGGAACTTCTTCAGAGCAT
CCCTGATCTTCTGGTCCTCGAACATCCATGCGCCCCGGAGGGAACCAATGCGACCAGTAA
TCTCCCCCCAAACGACGAACTCTGCCTCATGTTTGAAGCTGTCCAGGAGCGAGAGAATGC
CAGACGTCTTTTGATAGCCAGACGCGGCCAGCGAGCCAGCATCAGCAATCATACCAGCTC
TGTCCTCAACAGTCAAGAGGCCCTCCTTGGCCGAGATTCCAAGTTTCCTCAATCTCTCTG
GCGTGTATGAGGTCCGGTAAAGACCAGAGTGGTCTGCGTTGAGCTTGAAGAAGTCGAGGT
CCTTGAGCTTGAAGTCGGCTTCGCGATCGAAAAGCGTCAAGTCCTCGTCAACCCCTTCTT
TAGTCCGCAGCGCGAGAAAGACTGGATACAGGGTCCGGTCTTCTTCTGGCTTGACGTCGG
CTGTACGGAGGAAGCGGTTTTGCTTGAGGTGGATAGAGTCGGCGCCCTCGGTCACGGTAA
CGACTGGGAATCCGACCTTTTTGGTCCAGATATCCATGACCTTGCCAACGTCTTTGCCAC
TGGCATCAGCCAAGGCAGCCCACAGGTCGCCGGTCTCCGTGTTGCCATAGGCGTGCTTCT
TAAGGTAGCGGCGAATACCCCCCATGAAGGTGTCCTCTCCGACATATTTGGAAATCATGC
GAATGACACTAGAGCCCTTGGAGTAGGAGATGGCGTCGAAAATCTGATTGATCTCGTCTG
CACGCTTCACAGGCACCTCAATGGGATGACTGCTGCGTAGAGAGTCGAGCGAGAGTGCGC
TAGCCAGGTTGTCCGTAACATAACCTTCCCAGACCTTCCAGTCGGGGTAGAAGACATTGC
AGGAGTACCACGACATCCAGGTTGCGAATCCCTCGTTAAGCCACAAGCCGTCCCAGAAGT
CCATGGTTACGAGATTGCCGAACCATTGATGCGCGAGCTCGTGCTGCACCGTCTCGGCAA
CGCGCTGCTTGGTAGCAGCACCACTGACCTTTTCGTCAATAAGCACATCTACAACGCGGT
AGGTGACGAGGCCCCAGTTTTCCATGGCACCTGCACTAAAGTCGGGAATAGCAACCATGT
CCATCTTAGGGAGCGGGAAGGGACTGTCAAAGGTCTTCTCGTAAAACTCCAGCGTCTTTG
CGGCCAGCTCGAGTGAGAACCGGCCATGCTCAATGTCTCGGTCCTTTGGAGCATAGACTC
GTACAGGTACGCGGAAGTTGTTCGTCTCGATGTAGTTGAGCTCGCCGACGATGAAGCACA
GGAGGTATGTTGACATGAGGGGCGTCGGATTGAAGGTGACGGCCTTGCGCTTTCCGCCCG
AGATGGTGCTGTCGACTTGCTTCTCCGACGCCACGTCCATGTTGCTGAGGCAGGTCATCT
TGTCATCGGCGATGAGCGTGACGGTGAACTTGGCCTTGAGGGCCGGCTCGTCGAAGCAGG
GGAACGCCCGCCTGGCATCCGTGGGCTCCATCTGGCTGGTCGCCATGTATGTGGTCGAGC
CGTCGGCGGCCTTGAAGGACGAGCGGTAGAAGCCGGCCATGTTGTCGTTGAGGACGCCGG
AGAAGGTCATGGTAAGCTTCGCCTTGCTGCCGCCAGGGATGGTCTGGTCGAAGCTGACCT
TGGTCGTCTGCGCATCGTCGTCGGTGGTGACATTGGGCGATTCGGTGATGACTTGCTGGC
CAGCCGTGACCTTGGTCGAGTGGATCTTGAGCTCGTTGGTGTTGAGAGAAATCGAGGTAG
TGTCGTCGACGACGTCTAGACTGGCGTGGTGTCAGCGGGCGTCTTGTCGTGCAAGATGCG
CATGTGCCTACTCGATGGTGACGGTGCCTTGGTAGGTAAACTTGGCAAAGTCTGGCTCCA
GCGTCAAGTCATAGTGAATAGGCTTGACATTGACAGGCAGCACCTCACGGCCCTTGGTGA
TGTCAATGGACGAGTGGCCCTCGGCGCCAAAGTGCTTGCACATGTTTCGTCGATGGGAAC
AGTGCCTCACAGTGACAAAGGCAGGGTGTCGGGAGGATGGAGGGGAGCGGAGAGATGGTG
TCGGCGAGGCAGCGGGGTAACGAGGGAGGCGAGTGTTTGACGTGAGCGTGTGCAAGAGGT
TCCGACACGGCTTCAGTCGACTGGGACTGCAGCAAGGAGCGGTGACGGGTCTTGACACCA
GGAGACGGCCATGATGGGTGAAGCGGTGCATCTAGCTTCTCGTCTGCTGCAGCGCGACGT
GCATACAATACCAAAGGACCCAGGTAGAAAGAAGCACGGAAAATGCTCAAGCACACTAAC
TCAATGGCAGCCCCAAAGGCACTAGCAACCTTTTGTTTCTATCAGCACGCTGCTTTAGAA
GCGCACACAGTGAGACGGGCAGAGTTCTTCTCCAAGGGCCCTCTTGTTGATGTTGGTGTT
GCGCACCACATATGGCCTAGTGGAACGTTCCGCTAGCCGGTATATAAACCTTGCCGACTT
GCTCAAAGACTTTTCTATTCAACACGCAAGAAAGTCCTCCCAGCGTCACCCTCTCCGCAG
AGACGCTGTGTGTTCTGGCAATACAGCCAGTTCTTGCTAGAGAAGACCTAGCCCTCGTTT
GAGCCCTTTCGCAATTCCTGCATGAGTGAAAGGGTATAGAAGTAGGGTCACATGACAATG
CTGTGCGTGTTGCTGTTGGCGTTGGACAGAGCAAGTAGCGCAGTCGCAACTCGTACTCTT
AGGTGAATGATGTTCCGACGTATATCTCAGCATGACGATAGACAGGCGTGTATAAAGACG
TTTGTTTCGGAGTTTTGGAGAAATGTAGGGCTCCGAGTACGAAGGGCTCCTACTACGAAG
AAGCTCTTGTTCTCCATGTCGTACCCTGGCTATACTAGCATACATGACATTCTACATTGA
ATACCCAGGATAGTGCTTAATTGCTGATGGTCTGCGGTAACCTCCCTCCTACCACGACTT
AGACATGTTGGACGTGAGCAAAAAAATACCACGCTGATGGGTTACAACAAAACGACAAAA
ACATACAACAGCGGGGATTCGCTAGTGGTCACCCACCTAACTACTAATCCGCCGGTACAC
TGCTTGTATATGGCTGAGCGGACGGGAAGCCTAATTTTCAGTGTCCTATGGTCGTATGTA
GAAGAAAGAAATTGAAATATGTATATAGCGGTAGTGCTACGCGATACTATTTACACCAAC
CACGAGCTACAACGTTTCAATAAGAGACCAGAATAACCGGACGGATAAAGCATAAGGCTG
TGAGTACTTCTAAAGTTTCAAATTCTAGAAACCCGAAGGTGGAAGGAGCGACCATTCGAA
GGTGGAAGGAGCAGCCAATCGCAGCTGCCTTATGTTAGCAACCATAATAGGCAGGCGCTA
GTGGAAATTGATGATCCAGCCAGTGTCTCCCGCACCTACTCCCAGCATCACCACCGCCGA
CAACGACAACCCATTGATCCAGTCTCCCTCCTGCTCCGAGCCAGCTTCACATGACCATGT
TGGCTCGCTCAGCACTGCGTACGGCACGCTCCGCCGCTGCCACGGCCCGCAATGCCTCCA
GCAAACCGGTACGCCTCCCGCATGGCCCAAGAAACCCCGACAGCTCGCGCGAGCTTCATC
GACACCATCTCTCGCCGGGCTGCAATACAAGGGCTTGTCCCGCCTCAATTGAATAATCTG
GCTGACGGAATGGGTGATACAGCGCTTTGCCTCGACATCGAGCTCTGCCGACGGCGCCGC
CTCGGCATGGAAGAACAACGCCCTCCCCGCAGGCGCCACCATCTTCGCCGTTGGTTCGAC
TGCCTGGTACTGGCATCTCTACGGACGCCAGGTTGATGCCATGACCCCAGCCGAAGAAGG
GTGAGTGCGCCAAAGATGATCCGACCGCAAGTCATGTACTGACGCTATGCTTCTACAGTC

TCCACCCAACTCAATACCCGTGGGAGCACGAGAAGTGGTCCAAGACCTTCGACCATGGAG
CGTACGTCCTTCCCGTCCTACCGCACATGCGCATCCCCTAATCTGTCACAGTCTCCGCCG
TGGCTTCCAGGTCTACCGTGAGGTCTGCGCCTCCTGCCACTCCATCTCCCGTGTGCCTTA
CCGCGCCGTCGTCGGAAAGTTCATGACAGTCGATGAGGCCAAGGCGCTCGCCGAGGAGAA
CGAGTACGACACAGAGCCCAACGACCAGGGCGAGATTGAGAAGCGCCCCGGAAAGCTCTC
CGACTACATGCCTGCCCCCTACAAGAACGACGAGGCCGCCCGCGCTGCCAACAACGGTGC
TCTACCCCCCGATCTATCGCTCATGGTCAAGGCCCGCCACGGCGGCTGCAACTACATCTT
CAGCTTGTTGACTGGTTACCCCGAGGAGCCACCTGCCGGTGCCGTTGTCCAAGAAGGCCT
CAACTTCAACCCCTACTTCCCCGGTACCGGAATTGCCATGGCCCGTGTTCTGTACGACGA
CTTGGTTGAGTACGATGATGGCACCAAGGCTTCGACCTCGCAGATGGCCAAGGACGTGGT
TGAGTTCCTCAACTGGACCGCTGAGCCTGAGATGGACGACCGCAAGAAGATGGGCTGGAA
GGTTCTCGCTGTCACCAGTGTTCTGTTCGCGCTCAGTGTTTGGGTCAAGAGGCAAGTCTC
CGCACCTCAGCATTACAACTCGAAACTAACAATCACGACAGGTACAAGTGGGCACCGCTA
AAGACACGGAAGATTGTCTACCAGCCACCACAAAACAAGAGCATCCTCGACCAACTCCCC
AAGCCAAACAACTCTGGCAAGACGAACCAATAAACATTGAGTGGTTTTGCATTTGCGCGG
TTCAGGAGAGCGGGTAGCGGAAGCGTGTGTTCTATATCGTGTACATTGCCAGGTACTTCC
AACAATCAGATTTCTTTGCCTCGTGACATACAGTCCCGTGCTCTTCATGTCGTTTGTTTT
GGACATGCTTGTCTTTCAGTCCCCGTAGGATAGTTTTCTTGCAAACCCAGTAGCATCCGC
TATCCCACCATGTATATCCATAGACCGCAGTTCCACTTCCCCGAAATAGTTAGGCTCGCT
GACCTGACTAAAGCACAACGATTTGAATAGCTTGATACTCCGGGTGTTGTCTTTGTCAAT
CTTGACCCTCAAGTAGCTTAGAGACTTCAGCTTGCCTGTGTCATTTGTTCCTTGTGCGTA
CTCCTCCAGAATAGTCGGCAACGATGTAGATATGTACCAGATGAATGCCTGCAGGGCTTC
TTTCGCGAGTCCCTTTCCTCGGGCGCTAGGTCGAGCAATCATAATCTCCAACTCGCCGAT
CGTGTCCACCTTCTCTGTCCCACAGCCTTCTTGTTGCTCTACGTCATCACCTTCCTCACA
CGGATACAAGAACAGGTTCACGTCCCCTACCATGCGGTCGGGTGCATCTTCCGTTCCGGG
AGAGACCTTGACCATCGTGGAAAGATCCGATGGTGCTGTTGGCGTGTTCGGTGAGGTGCA
GATGACAAAGGTCAATTTATCTGCATCCTGACGCCACGACGCTTGCATAGCGTACTCCTC
CTGAAGCGTCAGTGGCTCGGATGCGGTAAGCTTCTGCAATTCCTATGTTCCAGTCAGTCT
TGGGAAACATTTTAACAGCGCAAAGTTTGATGGGCTCTTGGTCTACCTCATCTTGCATCC
ATTCGTGGTATGTGGGGACGTGGTGAGAACTGTACGGAACAAGAAGAAGGCGGGGTGTAA
GGATAGCTGAAAAAAGTCAGCATCACAATATGGAGCGGTACTTTTGCGATATATACCCTG
GTGTTCGTTAACCTTCATCGTGGTGGTGGTCGTCGGGTAATTTTTTCGAATTTTCAATAT
CCTTCTTCAACGTGACGGCGATGGAACACCATGAAGATATGATCTAGGCGAAAGACTAAG
AAATCTGGTGTTCACACCGAAACCATACGTGCTCAAGTGTTTCGTTTGTCCGGAGTTCAA
ATATTTTGTGGTAAATATTATGTGTCGTAGTTGGAGGATACCAATTGTGCTGATTTACGC
CGCAGTCAAGATCATTTGCCCGGACACCAACGATGGGACCGGGTTCAGGCGATAACCTGC
ACAAATTCATACAGTCCAACAATCACTACCTAGTTCATTCTTGTTTGGTTCTAGTGCGAA
ACATGCATAGTTCCTTACTTGAAATGTCTCGTGGAAGTGCATTTTTGCGCGAGACATCCA
GCGGGAAAGCATTGGGCAATGCTTGGATGCGACACGGGCCTCGTCATGTCTTACTCTCTC
ATAGACCCGACGTCACATCCTACCAACAACAACCGTACGCGGTTGTATGAGTGGATCCGC
TGCAGATACTGCAAATACGAAGCTCTATGCTTCCATGCTGTTAAGACAGATCGACTGGAA
TGCGCTCAAAGAAAGAAACGCGTCCGACGTCAACAACACTAATCTGCACCACACACAGCG
TCTCTGAGGATTCCTCAAACGTCAAGAAATGGATCCAACCCGCGTTTTGGTGACAGGCGG
CTGTGGATTCCTAGGTACTGCCATCGTCTCCGCACTCTTACGCAGCAAGAGATACTCCAT
CACGGTCATAGACGTCAATCCGCCCTCGCTTGGCAGCGACACCTTCACCAATAGCGTACG
CTATGTCCGCTGCAACATCATGGACTCATCTTCTCTGTCCAGTGTTTTATCCGAAGCTCG
ACCTGCTGTCGTCATTCACACAGTGGGTGTCTTTCCTCTAGGCACGAAGCGATACTCCAT
GCGGGGCAAAGACGCCATCTTCAGGATCAACGTCGAGGGAACAAGGAATGTTATTGAAGC
AAGCAGGGAGTGTGGTGCAAAGGCTTTTGTGTACACGAGTAGTGTGACTGTTGTTCTGGA
TGAATTGGATCGCGATTTCAGGAACGTAGATGAACGTTGGCCCACAGGTGGTGTGCACAC
GAGCTACGGACAGAGCAAGGTAACTGATTTCCTCTTTTGTTGTGTTTCCCTTGACTGTTC
CTTGGAACGCGCCTGTTCTCTCTTGAATCACCTTGTTTCATGCCAGTTTTCACACCAGAA
GTTCTCAACTATTCATTTCGCTCACATGAAGTACTGCCTCCTAGCCACCGTAACATCTCT
CATTCAAAATCATCTACCCAAACTTTGGAAAGGAATGGAAAAGAAGAAGCAGAAACTCAC
TCGTAGTAGGCACTCGCAGAATCCATTGTTCTTTCCGCAAATACGCACGACTTCGCGACT
TGTGCTCTGCGTTCGGCCCCCATCTTTGGCCGCAATGACACCGTGTGCATCCCCACAATA
CACTCGTGTATCTCAGCGTACCAAACGCCCTTCATCCTAGGCACAGGAACCAACCTGCAA
GATTTTGTTTATATAGAAAACGTAGCAGACGCACATGTCCTCGCCGTCGGCAATCTGCTA
AATTCGCAAACTGCTGCTGGTGAAGCCATGTTCATTACCAATGGCGAGCCTGTCACAGCG
AGGGCCTTGTGTCTAGCAGTATGGAAGGAATTCGGTCATGTTCCAAGGTTCCACGTTAGA
GTTCCGGAAGGGTTGACGTGGTGTTTGGGTTACTGTGCTGAATGGGTTAGTTGGATGACG
GGGACAGAAGGGGTGCTTAGTCGGGGTATTGTGAGTGATGGATGTCGCGATCGCTATGTC
AGTATTTCAAAAGCAAGATTGTTGTTGGGTTACAAACCTCGAGTCGGCTTGGAAGAGGGT
TTGAGAATCAGCTGTGAGGTAAGTTGAAGCAAAAACTGCGTAGGTCGAGCGGATGTGAAG
AGCAAGGAATGCTAACTTGGTCTAGCATTACAAGGCGAAGTTGGGAGGAAGGAGGAAGAA
TTAATCCAAGACACACCGGGCCATAGTGAGCGTGGTTGTGTCATATGAAATCGACCGTCT
GAACCTTTCTCTCTCCGATAAGGGATGAGTGATGCAAGAGCTGTTGCATTCACGATCGTT
GTAAGGAGAACGTGTTGAGATGTATCATCGTATACCATTGTTCGTCATAAATTGTATGTT

CCGGGGGATCATTTCCCAGCAAGTTCATTCGAGTTACTATCGTACTCGTCTCTACTCATT
CAACTACCTAGTTCACGACCTCTTCGGTCTCATCGATGATCTCCTCTACAATCTCCTCAA
TCTCTTCCTGGTGCCCATCATCTGCCTGACCAGGCGTCTCTCCCTTGAGGGTTGCCAGCT
CGAGGTCGGCTCCTTCGTCGCGCAACCTCTCAGTGACCTCCTCGCGCCATCTGCGCCACT
CATCCAGCATCTCGCGACGAGCTTCCACCACAGCCTTGTTGGCGGAGCTCTTCTTGGCGA
CGTCTTGCTCATCAAAGACCTTGGAGTAGTTGCGCAGGTTCTTGCGAATCTCGGCCTGCT
CCTCCTTGGAGAGAAGGGTCGGGGGGCGTGGGCGCCAGAGGAGCTGCTTGAAGCCTTCGA
TGGCTTCTTCGCGGAGGAGTGTACCCTTGAAGTCATAGAGATGGTAACCGTTCTCCATCT
AGTGGGTGTTAGCAGAAGCAAAAGGACGTGACGGTAAAGATACATACGCGATGACGGAAA
GCACTGGCAACGGTGGCGACGTAGCGGCCGGTAGGGTCCCACTCAATGTCGGTTACACCG
TAGTGCTCGGCTGTATCCATGAGCTGCAGGTTGGCGTTAACTTCCTTGTCACCCTTCTCA
GACTCCTCCTTGGGCCTGTCGAAGCTCATGTCCCAGAACTCGAGTTCAAAAGACTGCTGA
GACTGGAGAGCGGCGACAACAACGAATCGTCCCTTGGGTGACCAGTAGATGGCGTTGCTG
TTCTTCTTGTCAATGGTTCGGATGTGACGGAAGTTGCCAGGTGCGCCGCCCTTGAGCTTC
TCGGGGGCGAAGAAAGAGACGGCAGTCTTGGGACCCACAGCAGCGCCCTGAATGACTTCG
CCAGTGGTGATGAGCACGAAGCGGTTGCCCTTGGGTTCCCAGGCAAAGTTGATAACAGTG
TCCTTGATTGAATCGACGACTTCAACAGGCACTCCCTTTTCGCGGACACGGAAGATCTCC
AGGTTGGTGGCGAGGGACTTCTTGGACTTGGAGTGGCGGTCGACCTTGACACAGACGTAG
GCAGCTTCGGATTGCCAGTGCAGCTTCGCATCAGAGACGTTGAACAGATTTCGCGTGCGC
ACAATCTCTTTTGAGGGAACGGACATGAGACCGACCTTGGCGGGATTGCTACCGAGCTCG
GGTGTCCAGTAGCAGAAGAGCTGCTCGTATGTCTTGATACCTTCTCTCCGGGGTGTTGCT
GGAGCCCACTCAAAGTCCATGACGCCCTCGATCTTGACAGAGGTCTTGTCGAGAAGGTTC
ATGCGCGGCAGCTCGTAGATGGAGATGGATTGGCCCTGAGTCATACGTGCGACATACTTG
TCGTCGGAAGACCACTTGAACGTCGGCCACTGCAGCTTCTTCTTGACGGGGTTACCATCG
GCGTCGGTGCCACCGGGTACATCGATGGTCGCAAAGGAACGCAGGGGCTTGCCTGTGGCG
ATGTCCCAGATGATGTAGTTCTTGCCGTCCTCCTCGAGCGAGAGCGATGGGACCGGGTGG
TTCTCGTCGACCTGGAGTGGGCGGTGGGACCAGGTGGTGAGGTACTTTTCGCTGGGCGAG
AAGTCGACGAGGTTGACGCCGGGATGGGCGAATCGCTTCTGCCTGCTCCATGCCTTGCCA
CCCCACAACTGGACACCTTGGGCGTGCATGGAGGTGAGGTAGGTTCCCTGGGGCGACCAC
TGGATGAAAGACTCGGTCCAGTTCTCGCGGTCGACAACCTGCTCGGGCTGGTCTTCCTTT
TCGTTCCAGAACACGCCGACCTTCTCCTGGCGGTACATGGCCATCTGATCGCGGCTGTCG
GCGTCGCCTAGCCACCACCTCAGGTGCTCCTTCTGTTCAAATGGCGGGATCTCGGGTGCG
TGGTATTCCTCGTCGATGCGGCCCTCCTTGCCGTAGCGGTCGATGTCGGTGAGCTTGTTG
ACGGCCATGGTGTGTTTCTTGTCGAGCGCAGTTCCGTTCAGCTGCTTGACGGCCGCAACC
GCCTCTGCGGGCGCGCTGTATTCGACAAAGGCATATCTGTGATGCCGTCAGCCTAGGTCC
AGTCTGCCATTGCCCGCGGCGCCAGGTGCAACATACCCTTCCGTCTTGCCTGCCTCGCCG
ACGGGCATGTGCACGCCGTCGTCCTTGACCTTGCCCACGCTGTTCAGCTTCCTCAGCACA
AACTTGACGAGCTTGGCCTTGCTGTCCTCGGGAACTATGGGCAATCCATCGATCACGACA
AAGGCATCGAGCCCCTCGTCGAGCCGCACCTGGAACTGGTCTTCAATGTCGGTAAAGTCG
ATTTGGCTCTCGTCGAATTCGTCGTCGCCGTCCATGGGCAGGTTCGAGTATGCGGACGCC
ATGATTGCGGTAGTGAGTGTGTTCGCAGTTGCGGCGGNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
ATCCCCAACAGCACTGCGCCTCCATCCAACCTGGACTTGATTGCACTCATCTCCTCGTCG
CGTCTATGGCAACGTCTTCATCCCGTTGACGCCCATCGCACAAGTCCACACGCCGCCCAG
GGAAGGTATACGCTAGAAGAACAGAAAACAAATAAGCATCAGCTAGCCCTACGAGCCGCG
CTTACCTTCACCCAAATCCATGTTCGGGGTTTTAACCAACCTTCCGCTTGCCGAGACTCG
CTTTTGCAGTCGTGCGTCCCGTTCACGCGCCCGTTCTGATGGAGAACTGCCGTTGCCTGC
CATGATAGGCGGCAAGGACGGCAGTTTTTCTACGTTGGGTGGGGGCTGACTTCCCACCAT
GGGTGCTGGACGTTTGCCCGCACGTTGCTCTGTCTTGAAGTCAAGATAGCTTCGTGCCGA
GTGCCCAAGTGGGATGGGTGCAGGCAGCATTGGTAATTCTGCGCCATTTTGCAACAGTAG
CTCTGCGACGGGGAAGGCTTTGCGGGTAGGCTGTGCTGTGCCTGGGCGAGTGGCTGAGCT
TGGAGAGCTTGCAGGTGATGCTGTCGCTGAAGGCGATGCTGGGTCGGCGGCTGCAAGCGC
GAGAAATACTGCGTGTGTGCCTCGTGACCGATCGCGTGCATTGGCATTCGCTCGGAGTGC
CAGCGCGTAGAGTACGTTCTGGATGTCGTTTTTCTTAACCGACGCTAACAGCGTCTCCTC
TGGGTTTGCATAGTGTGACATGTTTGGTGTTATGGGTGCCACAAATGCCCGATCAGCATA
CTTTGACGTGATGAAGTGCAGCCTTTGCTCTCTTGTCGACATTGGCCCTGGCTTCAGCCC
TGGGTCTAGCCTTGCTTCCCAGATAGCATTGCTGATGCGGTTGCCGATCTTGAGCAGTAT
CTCGATGATATCGGGAGTAAAGGACGTAACATCCAACGTTAGAGAGCGGACCTTTGTGAT
GTGCGTGCCTAGTGACCGATGGATACCACTGCACTCAATACAGATGATGATGCCGAGATT
GATGGAAACCCAATCAACTTTGATCTCAGTACCGCAATCCGCGCACATCTTGTTGCCAGC
ATCCGCATCTCGTACTTGCTTGAGCAGCTTGCCTTCGTCGCCAAACGTCTCTTCTCGTCG
GTAACCGCCAGGCCGATCGCCCACTGTAGCATGTCGCGCTGGTGCCTTGGAGCCGTATGT
GTTGCGATGACTTGACATTGATGGACTCTTGCCGGTAAGCACTGACGCGATGTCGCGATG
TGTTTGTCCAGGCAGCGAGTCGGTGGATGGCCGGTCGGGCTTTCCTGCTGCCTCAACGGC

TGTCTGCAAAGCATTGTTGACTGCACTGATCCATGACTTCATGTCTTCTTCGTTGGTTGC
CTGATACACTCGAGTGTATTGTGGGGTGATGACTTCGAAACAAAACCGACGGTCCGCGTT
ACGCGCTTCCCTTACCGAAGCCATGCGAAGGTCGATTGGCTCCATATGGAGCTCCAGACT
TTGCTTCCAGTTGGTATACTCTGAGAGTCTGCCCTGATCAAGCACGATCCAGAATCTGGA
CATTGTCAGCATCGTTTATTCAGTTTCGACAAAATGTACTCACTTGTGCCAGGCTTGCTT
GTTCAAGCCCTTGGGATCCACATGGCTTCCAGGCCTGCTCAGTGCCCACAAAAGACCTTC
TTTGCGATGTGCGCCTGAACCAGCTTCGGCCATTGCAGCAGGATCCTTTTCTTCAAGGTC
TCTGATTCCTTTGAACTTGTCCGGCTGTGGCGCCACCATGGCTAGAGTCGCTTTGGTAGT
CTCAGGGCTTTGTGGTAATGCTATTGAGGAGGGAATGCTCGTAGATGAGATAGTCTGAGG
AGGCATGACTGTGCTCTGGAACATGGGCACAAGGCTACCCTTGCGGCCAGGAGGCGGCTC
TGGGTCGGATCTTGACATTGTCCGGGGTACGCTACTCGATGATGCGGCGGGAGATGTGAG
CGAAGGCGCAGGCACATCGTCGAACGTCTTCTTGATCGTCTCGAGTGCTCGCCTCTTCTC
CTCTCTTTCGGTCCTCTGAATCTGAAACTCCTTGTCTGCTTCTTTCACCTCGCAACTCAA
GGCCTCTAGATGTGGCAACATGGTCTCGATCTTTTTTGCAGTCTCTAGGTAGCGCTTGGC
CTGGGCATCGGCATATCGCGTGAGATGGGAGAGGACTTCTTGATCTTTCCGGCCTCCATG
CAGATCCTGCATAAAGGACGAGTAGTCGAAGCGCTTCAGTTCAAAGTTGCGCCTCTTTGC
TTGGTATTTGGAATCGGTCTCTGCGCGTTTCTTCTCTTTCAGCGAGTCCTGTCGTTGCCC
AAGGTATCTTCCCAGATACTGGTAGTAGTCCTTGCTCTCCTCCTCAAAGTCTTTCCGCTT
TGTCTCGGCCTGCTTGATGTCTATGTTGTAAAGCTTGTATATGGGATCAATAATGAGTTT
TTGAATGTTGGTGGTGTTTGACTTTTCGTATCCCAGGATCTCCTTGGCAATCTTGTCGAA
GTAGTGATCAATAGCCGGCTGCACTGCGTTTGCATTGGACGACGAGGCTTCTCTGAGTGC
GTCCATGAGGTCGGCCATGGCATTGTTGCATGCCACTTGAGCTTCCATGGCTGACTCGGC
GCGTTTGAGGACCTTCTTCCATCTTGTGCGCATGTTGCCCGTCTTCTGTTCGAGCGACTT
CATCGTGGCGCGGAATAGCGGCCCATCGTCGGTCTGACTGAGATCCTCGCCCGGACGCGA
CACGTCGAGCTTCACCGGCGCACTCCCGCTTGACAGAGTGGTCGTCTGGCTTGGTATGAG
GCCCAGGCTATGCTCGGGAATGGGCTCACAGATTGGCGATCTCGGGGGTATGTTGTCCCA
CTCGCGGTCTTCGCCCGCGGAGTCGCTCACTCGTGACTCTATCGATTGTGCCGAGGGCAC
GCGCAGTCGGGAAGGGACGCCAAGTTCAAGGCGCGGTGAAGGCGACTTTGGGCTCTGCAG
CTGGCGCGCCGTGTCTGGACTGGTCAGTGGGCATGTTGGGGATGGAACGGGGGGGTGAGG
ATACGGACTCTGGACCCAGAATGTAAAGCTCGCCAGCGTCTCGAGCCGGTGTGCGCGCTG
GTCATACTCGACAAACTAGAGGATATTAGCAGGTGCGGCTACAGAGAGGGGATGGTATAC
ACACACTGCAGCTTGTGCGCCAGCCCCCACCACGCGACTCTGGAGTGCGGGGCGGCGTCC
ATTTCCACGACCACTGGAACTGAACCGACGAATGGCCGCCGGTGGAGTAGTCGCCGACCA
GCTCGACCTGAGGGTTCTTGTGGAGGTTGGGGTTGGCGTGGAACTCGCGCGTGACGAGGT
TGTCCAGGTCCTTTGAGCTCGGGGCGAAGATAAAGGTCAAGCCATTGATGTTGGTGTCGA
CCAGGCCGGTGGGGGCGACATGGGAGGCGGTGCTGGCGCTGTAGCTGGTGGGAACTGCGA
GGTGCTGGCGCAGGATGAAGGTGAAGTTGAAGGTCAGTTCCTCGTCGTTGGGCAGGCGCA
GGAGGAAGGCTGGGGGGCCGTCCTGGTGGTGGGCTGGCTCGGGGTCCTGGATGTACTCGA
TGACGCTGTCGTCGCCAAAGTCGCGCCTGGCAGCATAGCGGGTGGCGGGGAAGGCATTGG
GCGAGATGTTGAGAAGCGTGCGGTTGCGGGCATTGGTGATGTTGAGCGAAGCCACCGAGA
CTGGGGGGTCGTGTTAGCAGAGCGCGGCCGAGGCAATGGTCGAGGGGAACAAGGGACAGG
CGCAAGTCGAAGCTTACATCGAGTCTGGTCGCGCAGATAGAGGTCACCTGCATCGCTGGA
CTTGCTGTGAACTGCACCCATGCCCGCTAGCAGCAGCCCGTCGAGGACGAGGTCTCGGGC
GACGACGAGGAGAGGGGCCAACGGGTCGTGTGCAGCAAGGGCGGGTTCTGCATGGATGAC
GGGCGCGGGCAGACGAGACTACGGGTATACGATATGGGGTGGATATGGGGTAGATATGTC
GGGTAGGATACAACGTTACAGAAGCGTAGTGCAGTAGACAAAGCAGCCCATGCCGCCTAG
GTAAACGTTCCCGTCCCTGCATTTGGGCCCCGCTTCTTTAGTGCATTCCGTCCCCATTGC
AAAAGCCGCATGTACCGCCGCCGCCTCAAAACTTGTCCACAGTACATCCAACATGCCGTT
GCGCATCCCCACGCTGCGCCATGCTCTGCGCCAGCCCCTCGTCAACCCCCGCGCTACCCA
ACGCCGCTTTGCCCGCGTCCAGGATGTGCGCTTCCTCGTCACACACGACTCCCAGGAGCG
CATCCTCGCCAAGTACAAGGAGAAGCTCGAGCACAAGGCGCGCGAAAAGGGCCTCAAGGA
CCTCGACGAGCTCAAGGAACAGTACAAGGACAAGATCGAGGAGCTGAGGAAGCAGGCCAT
TGTGCCCGGCGCAACCGGTCCATTGACGCCGCCACCAGAAACAACCCCACAATCCCAACA
CCAAAAACAACAACCAAAGAGCCCTTGGCCGTCGCCTCCTCCGCCGCCCTCTGCTTCGGG
CTCTCCCTCCGCGCCCCCGCCAGGCGTCAAGACGCTCAATTCCTTCCTCGACCTCGACAA
AGTCAAGACTCTCCCCGAGAAGGAAGTTCAGGCCCTGTGGCGCCTACGACACGCTGCCAA
CCCACAGAGCGTCCACTTCGCTGTCCCGGCCACGACCTTTGCCCAACTCCTCCGCAGCGC
AAAGCAACACCCCTCCTTCGTGCTCCCCGTCCCCCGCGAGATACCTGCCGATGCCTCGTC
TGCGTCACCGGAACAGCCTCAGACGCAGCAGGCTGCTGAGCTGCACTATCTGCAGTTCTC
CCACCCGCACCTTGACACCACCACGCTCATGTTCACAACGCTGGCAGAATTCAAGCTGAG
GGGCGAGTTCGCGAGTCCGCACACCACCATCACCTTCCACCAGGAGCTCGCCGAGAGCCA
CAACCTGGTGCTGGGCCAGGGCCTGGTCATCGAGAACAGAGGCGTGAGCGTTGACGAGGC
CAGATGGCTCGTCATGTGCATGCAGAAGTTCTACGTGCAGACGGAAGAGGGCAAGGGACG
CAGCGAACTGCTCAACATGTTCACTCGCGGAGACAGCGCATTTCAGGTAGAGCGACTGAT
TGATGAGGCCGAGAAGATATTGTAATTCTACATGCCGCCCACCTACCCTCGGAGCGGAAG
CACATGCTGCACTAGACACGTCTGCCTGCAGAGTGGACATTCGGGCTTTTCCCGCGCCCA
GTCCCCTATACACGTCCAACAGAAGACATGTCCACACGTCGTCACACTCGGATCCTTCAT
CTCTTCCAGGCAAAGCGTGCATTTCCGATTGCCACCACCAATCCATCCCATTGTCTCCTC

GTTGTCCAGCTCATATCTTGCTTTTTCCAACGCAGGTGTGTGTCCACTTTTGTACGTC
TGATGGCGCCGCTGTAGGGAGGGCAGATGCCGCGTCGAACAGCAACGCGTTGTTGGCGCT
GTAGGCATTGGGGTCCAGGGAGACTTCCGCACCGCCGCCTACAATGGCTGACGTGCCTTG
CGGATGGCCGCCACCCACCGCCGCCGTCGACGATGTGACAGTATTGTGTAAATGTAGATA
TGCCTGTACCGCCATTTGTAACACTAGTAGCACACCCAGGACTTCGTAGCCAGCGCGGTT
ATCGCCCTCGGGCACCTGTCGCGTGAAGATGTATCTTAGGCCCCATATGCGCTTCGAGAG
GTGGTAGTAACTCCCGGAAAAGTAGAATGTCGCCAGAGAGAGGGCGTACACGGGCGATGG
CGACGTGATGGTATCGAGGTTTTCGAGTATGTAGTTCTGCAGGCGCATACCAAGAGGCCG
TCCTATCCGTGCTTTGCTCCCATTCTCCTGTGCCTCTTGCTGTGCTCGTGCTTGCTGTCG
CGCGTACCATCGCAGATTCGCCTCGAGTTTTGCGCGCACCCTTCGTCTAAAGGCCGGCAA
TGCTCTCCCAAGCAGATATGGCCCCAGTATGCAGCTTAGTATGTATCCCGCTCTCCGTCC
CAGAGCCGGCAGTCGTCCACTTTCGCTCTCCACCTGAACAATATCTGTGTATTCCTCGCC
CAGTGTCCGGTTTCCTATCAGTGTGGTGAGACCGAGATAGAGTAGCTCTCCGAGGACTCG
CGTCTCGGATGCGTACGTGTGCGCGATGCGCGCGCCATAGAGCTTGCGCAAGAGTGTCGC
TAGCTGGTCCAGCAGCACACCAGAGAAGTAGGCGTCTTTCTGGTGTGACCGGATGATGTC
TGGGGAAGCGGCGAAGGGGTAGGCGTAGCGTGTTGGAGAGGCCATGTTCATGTCTATGTT
GTTGCAGCGTGCTGAAGAGGCCGTGTTCATATGTCACTTCACTACCGGTAGTTCAGAATG
CCTCGGTTCCGCGCAAAGCAACGCGCGCCCCTAATCACTTCCGGCGCCCCCATGCTCATC
CCGCAAAAGCATCTACACTCTGACGACACGAATCCGCATCTGCCTCAAACTGTGCCAATG
TTTCATTTCTGCCTTCTCATGAGTTCTATCCATCTATACCCTTGACGCCTTGCGACGCGT
TTGCAGCGCAATATCGCATCCTTCATACATACTCTCCATCCCAACATAGCAATGACGCTT
ATTCCTGCCTGCCATCATGGTTGCAAAGTACCACACTGTGACTCGAGGCAAAAGGCCTGG
CTTATACAACTCCCTTGAAGATGCACAACAGCAAGTCATCGACTTTCCAGGCTCCTGGGT
CGAGACATGCGATAGCCTGAAGTTGGCCGCAAAGTATATGTGCCACGTCGGCCGTGTACC
ATATGACCACATACGAGTATTCAATCGCGCCTTTATAGAGCAGGGCAGCTTCAGACCGCA
GCCGTCTAATTCGTTCAAGCAAGAAATTGGCCTATTTGCAAGCTCTCAACAGCTCACCCG
GGAAGAAGAGAAGAAAGCCCGTGTCGATGCGATTCGCGACGAGATTATATATCATTACCT
TCCCGAAGGCCTCTATTATCTGCAGATGAACCATCCCAGTGGCCGAATTCGCCTGGATGA
CGACCAAAAGTTACTCATATACCAAAGAGTGTGTGAACAACTAGGGAAGAAGTCACACAG
AGACATCGACGAGTGTATAGCAGAATTAAAACGTCCACCGTTCGTCAACATCATAGATTT
CGTTGATGTGCTCCGTAAGGGAGGCACATTGAGAATCTTTTCGGATCCACTCAAGTTCTA
CGATTACACAAGGAAAAACCGAATTGATCTAAACTACGCAAAGGAGAGCGAATTTTTAAG
CCCTTTTCTGCAGGAATTGCAGGAATTGCGACGATTATCGTCTAAACCGTACCGAGGCCG
TCAGAGCAATGGTTCGCGACAACAACCTAGGACGCGGAAAGATTCAGCGTTGCTTCTATC
GCCTCGTCCTGGGAACAAGTTCGTCAAACCAGAAATCTCCAACGACCCACACATGGTTCC
TCCCGTTGGCAATTACCAATCCAGTCTTGAACCCCCTCCATTGAGCCCATCACGATCGGA
GTTCAGCTCTTCGTCGAAGGAGTTCGACGAAGCTACACCATCTCCAGTATCATCTTCTGT
AACAACGTCTCCAAGCCATGGCTCAGAAAAACTCTCTACCAACGTCAAAATTGAGCCTAC
TTTTCCTGTAATGCCGGCTCAAGTGCTAGACGATATTGGTGCATGTCTCGAAGACGACAA
AGAGATAGCCACTCAACTCTCACAGCAGCCTTTAAAAGCGAAAGTCGGAGAGGATATACC
GGAGGATATGTTCCAAGACGATGAGGAAATTTCCACTCAGCTCTCACAGCAGCCCTCAAA
AGCGAAAGTCGGAGAGGATATATCGGAGGATATGTTGGAGTATATGATCCAAGACGATAA
GGAAATTTTCACTCAGTTGACGCAGGAATGGCACAATACAGGCCCGGAAGAAAGTTCACG
CACTAAGACAACTGGCAAAAGAAAGCAGAGCATGGCTTCTGATTTGACCCATACAGTCAA
GCGTGCAGGCAAGATGCTTAAGACGCACGGGTGAAGCTCTGTTCCAGCCATGTCATCGTG
TCGATTGCAACCAGACGACCTTGCAACGAACATAACAGACGCAGGCGTCGTCCGCGAGCA
TTACTTTCTCGAAAACTTTCAGCTGTATTATCAGCTTTGTCATCAATGTTATTTTTGTAT
ATGAGATATACACTGAGACCCAGTGAAGATATAATGATCACGCATGTGAAATGAATTATT
CGGAGATTCTTCCGTACACAGCATAGGAGTTTCATTGTTCCACGGGGATGTCTGCTAGGA
TGTGATTACAGTGAGATGGATCATCGACGCACGATTGGGTCACCATGACGTTCACTTTCA
AAAGCTGAAAAACAGATAAGAAGAGAAGAAGGGTGGTTGTAAGAAGCAATATGCAAAGTG
ATTTGAAGATCAATTCTGTCAACGATAGCATATATCCGCGAAGAGCATTGATACATCTGC
ATTGAACATAGACATAGAGCATTTGCGACGATAGGGGTTTACAGCGGAGTGAACTGTGAG
TCCTTCATGCTTGCCATGAAAACTGAAAAGATCGATGATCTCGTCGCCGCACTAAGACAT
CGCGGTGGAGATGGAAGTGGAGTTTCAATCGCAACTCACACTATCTCAACTTTACTTTTT
TGTTTTTGCCTCCAAGTCGCTCGTTGTATTCAGCGACCAAATCCGCCGCACCCTCAAGAT
CTTCTTCGGGAAGCCAGTCGTGACTATCTTCATATCCATCCCATTTGACGAGGTAGTACT
TCTTCCCATCCTCCTGAAAGTGATTGACGATGGCTTCAACCACGTACTCTTCCGCGCCCT
CTGCATCTTCCTCGTCTTTCTGGCTATACTCAGATGAATGGTTGTCCGACGGCACTGCGT
GCATGTGTATGGTATCGTTGTCCACGTCGTCATTAGATTTGTGATGCGGCGGCGGCGGCT
GTGCAGGTATAGTGTCATCTGAGTCGGACGCTGTAGTCGACGACTGATCAAAGAGAAGCG
GTGTGTGTAGAAGCATGTCGTCTGAGGCGTTGGACAGAGGCTTTGCATCGCGGCTAGCCC
GGGCTAGGCCTACGTCATTATCCAGATCCAAAAGCCCTGTATGTCCCTGCTGAGGAAGAG
AAGTAGAAAGTTTCGTTGGTATTGATGATACAGGCAGGGCGCTGTTGGCAACAAAGGCTG
AACGGGCCACACCGAGAGATGTCTGAATTGGCTGTCTAACGTAGTCGGTCAGGCAATGAG
TCGTGATGGGCTCGCTGTCCACCAACTCTTCGCGTGTCTCATCCTCAAGCTGCCGAGAAT
CGAATACCAGATCTCTCGTTCTTCCGCTACCTCTTCCACGACTTCTTCTGGGCCTACCTC
TAGCTCTTGTGGGCAAACTGACAGGAACTTCCAGCCCACTGAGCATACGACTTCCTCTGT

TGGTGCTTGGTAGCTTTGTATTCTTATGCAGTTGCCGGCGTGCTAGATCCTCAGCTTCTG
TGCGTAACGCGACTGCCTCGGCCTCTGCCTCGAGGCTGAACTGCTCTGTTTCATAGCGCT
CCAGTTCGGCCGGAGACACGTACTGCATGATACGTGTAAAGTCCACATCCTCAACCTCCG
TGCGATCAATGCTATCATGTCTGTCTTCAGGTTGGCTGATGTGTGTTATCTCTACAGTGT
ATCGCTCTCGCTTTATAGCATCCTCGGTCTGCCGACGGTAGAGTATTCGTGTTTGCGCAT
TCGGTATGGGGCAGTCGTCAGGAAGCCGTGCGGTAACAATTGCAGGCTCCTTGCGAACGC
GCCATAGCTGTTCGTAGACTTCAGCGCCAGGCGTGTATGATTCCCACTCCCGCTGCGATA
CAACTTAGCGATGTTTCCCGCGACTTGGCTGTATCGTACTATATGTGTCTTGCCTCTACC
CAGTCCTTTGCCGCGTCGGAAGCCGCGACCACCCCTGGGTTCTCTACCCAACATACCCCC
TTTTTGTAAATGCGTAGAGCAGTAAGTACCGACGGTTAGGTACTGTGCAAATGCGAGGGT
TGCCACATGTATAGGTGTCCGTCATAACGAGCGTTGCGCAGTGGGCATGGGGCGCGTATT
GCGTCGCGAAACCGCGGCCAGTTGTTTCCCTCCGTTCAACAAGGCTTATGTCAGCCAACC
TTGGAATGCAACCCGTATAACCCGCCACTCGAGCAATACTTCCATCTCTACTACACGCTC
AATGTAATGAATTGAAAGGCAATTGAGCAGGGACAGAACATCGTTGGATGGTAACCTCAA
TGTAGTGTACGTCGCCTCACAAACGCTCTCGCATGAGTCTGCGTTACCTCGCGAATCTCT
CTCATCCTTGAGCACTCCCACCTCGTACTTGAACCCAAAAGCAGACAACTTTGACTCTCT
TACCTTCTACTCCACTTCAGTTTTATTTCTACTCCACTCTCATTTACTCTACGTCTATTG
ACCCTTTTACCTTTACATCCTAATGCTTCGTGAGGGACAACCTGAGCGATCATTGGGGGC
TCAAGATGAGGAGCGACATTGCATTAGCAATTCGCCGTTCGTGCTAACAGCTTGGTAGAA
GCTCAGGCAGCAGCAGATGCCTAGGCGAAGGCGGATGCTTGGGTGAAGGTAGGTGCTCAT
GCGACAGCTGAGGCGCCTCCCATAAGTCCAGTCCCCCTTTTGTTTAGCAAGTCCTTTGGT
AAGTCGTTTGTCATTCCAGCGTACCATCTGGCACAGATATCAGTGGCCAAGTCAGCCCTG
GCGATGACCAAGCATTGTTCATGGGCAAAACTTAGACACTAGTGAGTTTAGAGTGATCAG
TCAGCAACCCTCAGCAGCACTAACTGCCACGGCCTCAGGACATATTAAGAACAACTGAAG
CGTCGTCTGTAAACCCTCACGGCGCTCAAAATGTCTAATCCCATGCTTGGTTGCCAGATT
GCTCCGCAGTATCACCACGGATATGACTCCAGCTCGTCCAGCGAGTCAGACATTGGAGAA
CATGTGCTCACAACAACCGACTCCGCTCGCGTACAGCAGCAGGCCGCCCCCTTCGAGCGC
GAGACGAACCACGCTATCAACTCTGCTTTAGTAAGGCCGACGGTACTGCAGCGTGACCGC
ACGAAGAGCAGCCGCCGAATCGAATTCGATCAGAAGCCTGTTGGATTCTTCCACTCGTCC
ATGGCTGGTGTCAGACTACACGTGATCAAACTCTGGCTCCGCACCAACCTGATCCTCGCC
GTCGCCATCATGATTTTCTTGTGTCTCTTTTGGGGTGCTTTGTTCCGTCAGAAGGCGAAT
GTTACAAACCTGAGCGTCTGGGTTGTCGACTTCGACGGTCAACCGCCTTATACAGAAATC
ACACCTTTCGTCGGTCCATTCGTCACTCAGGCCATTCGCAACATCGTTGATGACGGTGGT
GTGGTGCCGGGCTATACTTTTGCTCCACCCTGGGACTTCGACAACGATCCACTCAAAGTA
CGAGACAGTGTTTACGACTTCCACGCCTGGGCAGCCATCGTGATCAACCCCAATGCAACA
GCAATGCTTGAGGCTGCAGTGAGGCAGGGCAACGCGAGTTATGATCCGCTGGGCGCTTGC
CAGATCACTTATAACTCTGCGCGTGATCAGACTACGTCCTCGACTTATATCGTACCCAGT
ATGAACACGCTCCAAAAGCGTGTCGTGACTGATTTCGGTCGCGCGTGGATCGCACATCTC
CTCAAGAACAACGTTTCAGTTATCGACATGCACGTCGATGTTTCGCCCCAAGCTCTTACC
CCGGGCATCGAGTTCACAGTCTATGATCTGCGTCCCTTTGGACCACCTATCGCGACACCC
GCGGTCAGTATAGGCCTGATCTACTTAAGTTAGTGATTTCCTCGTAAAAACAACACTCGA
AACATACGCTGACTTAATCGACGATATCTAGTCATCATCTCCTTTTTCAGCTTTACGTTC
TTTCTACCCATTCATCTAAAGTACCTCTCGCCTAGAGGTCATCCACCGCTGCAATTCTAC
CAGCTCATCATATGGCGCTACGTTGCAACTGTCGCATCTTACTTTCTACTTTCACTCGTC
TATTCTTTCGTCAGCCTCGCCTTTCTCATGCCTATGGACCGGCCCAAAGCAGCCCACGAT
CAACCTGCCGATAATCCCAACGCATACGGCAGCGGCACCTTCTTGGTATATTGGATGGGC
AACTGGATCGGTATGATCGCGTTTGGTTTGGCCAGTGAGAATATGGCTATGCTTCTGGGA
ACTCCTTGGACAGCCTTGTGGTTGATTTTCTGGGTTATCAGCAATGTAGCAACTGGCTTC
TACGCCCTTGAGCTAGCTCCAGGCTTTTATCGCTGGGGCTATGGATGGCCTATGCACAAT
GTCGTAGAGCTCACACGATCCATCTTGTTCGATCTACATCCGCGCGTCAGCTTAAACTTT
GGCATTTTATTCGCTTGGGTTATGGCAGATACTGTTCTTTTCCCACTGTGCTGCTATTAT
ATGAGATGGAACACAGCGCGAGTCAAGAAGAATTCAGCCAAGGTTGAGGCGGACTGGCAT
GCAAAAATGACCAAGGAGAGAGAACAGCCTGGTTTGCTAGCAAGGGTCACTACTTTAGGT
GACAAGAAGGGCTGATAGTTCAAGCACGGTTTCCAGAACAATAAGCAAAGCATAACTTTC
TCGAACGTGGCACACAAGTCTTTCTACGATGGCAAGGGTTGAGAATCTTACTGACCTGTA
GATCGTATGAAGCACATGTGTTAGTTTCGGCAGGAAGGGGCGTTCCTGTGAACAACATCA
CCTTGTGGAAATAGGAAGAAGAAAGACAGCAGCAGATTCAGAGCCTGGGTGGAAAAGAAC
AGAAGAAAAGAGTAAAGAGCGGAAAGTCTAAAAAGAACTTAACTAGATCTACTATCATTA
TACTTTTGCCTTCCAGTCCCAGCCCACCAGAGATACCCTGGTAGCCAGTAGTAGACAGCC
TCCAACGATGAACGACATACCTGCCCAGACATTTGCGTACGTATAACTACCGTTGTGACT
TTGGATGAGGGCGCCAGCTAGCGGTGGCCCTGTGAAACTTGACACGCTCACGACGGTAAA
AGCCATTCCCATCCTCACACCTGACTTTTTCAGGTCCTTCTCACGGCTCATACTGCCGAT
CACGGCCGGCCAAAGTGCCTGTATAACGGCGCTTCCACTTCCGTATATGACAGCAAATAC
GTACAAGGTAGCCATGGACTTGATCCCAATCCATGCGAACATCATGACACCACAGATGAA
AGCGAAAGGTATGAGAACGTTGAGGCCCCCAATCTTATCCGCATAATACGTAGGTAGTAG
GCGAAAGACAAACCCCATGCAAACCTGCACGAGAAGCAGGTTGATACTCTGCTGGTAACT
GGCGCCAAGGACATTCCGCGCGTAACTCCCAATGTAGAAGAAAGCGAAATATAAGCCCCA
GAAACTGAAAAAGGCGCCAGCGCAGTACAGTGCATAAGGTAATTCCTTGAAGCTTGCCCA

ATCCACTAGCGGGCCAGTCTTCCTAGGTGGGAGCCGTGTACGATACAAGGCAATGGTAAT
AGCGTTCATGAGCAGCATAATGAAGCCAATGATACGTATAGTCCACGGGAAGCCTAAGCT
AGGCAAACATTGTTGCACAATAACTGGGAAGATGACACCGCCAGTGCAGGATCCGAGCGC
TGTGAAGCCGAGCGCAAAGGCACGACGCTTGACAAAGTAGGTGGATACCAGGGCCATCGA
AGGGCAAAACTGCAGCCCGTTTGCAATGCCTAGACACACGCCCTGGGAGAGAAAGACGTG
CCACACGCTTTTGCTCTCGGCCAACGTGAAGATGCCAAGTATCTGGAAGCATGCGCCAGC
GATATAAACTGGGCGGAAGAGCCCAGCATCCGTAGCACGGCCTGTAAAAGTACCAAGGAA
GAAAAGCAGGAAGACCTGGAGGGAACCAATCCATGATATCGTCGAAGGTGAGATTCCGAG
TGTGTTTTCGTAGTACGTTTGGTATACGCCGAATGATGTAAAGAAACCAAAGGTGGTTAA
AATTGTCAGGTGGGTGCAGAGGACCTGGATCCAAGCTGTAAGGCCACCGTCAGGAGCTGG
ACCGGGATCAAGCGATGCTGCCGAGCGGCGCGAGAGCATGCGTGTAAGAGCAGGTTGACG
TGACTTAACCTGCGGATTTTGCGCTGCTTGATTTTCGGCTCCGACGTCCAATGTGGCTTC
TTGTATCTCGACGTCGTGCGCGCTCGGCCATGTCTGTAGGGTGCGCTGCACATCATCTAC
AGTCTTTGTGGTGGGATGGTCTTCCCGGTCTGCATGCTTTTCTGCGTCGACACTTCGGTC
CGTCATTGTAACTTGCTATTCGTGATTACAAGCAAGCATAAAGAACGAGACAGGTTCGAA
GCGGCATTGCACGTCGCGATGGGCAGAGATTGCAAAGGGTGACGGTTGATTTTGTTGAGC
ACGTCACGGAAATAAGGAAACAGCCACATCACATCATTGCCCCATGGAGCGAATTGCGAG
ACTGCCGCTAAACTACCTAGGTACAAAGACGAAGTGGGTGACTTGATTTTCCAACAATGG
GAAGCCGTAGCGACCACGCCACAACTGTCCTTCGCCTATGATATCTCGTACAGCCTTATG
GGCCCTCGATGAGAAGTACATTGTTCGAGGTGCAGCGAAACATAAATGGGCATCGGAATT
TAGGTTTCGACACGGGACAGGATTTGAGAACGATAAGATCAACACCGACAGACCAGTTTC
CATACGACGTCTTGAAAACCTATTCCTGGCTTTCGAGAGCTATTCCATCTACTTCGGTTC
GCTTGAATTATCTTCTCAGGGTTTGCTGACGCGCAAGTTGATGTCTGGTGTCACAATAAC
TTGCGTTTGTCCGATTATGCTTGTGTGTACTTCAATGAAGGACCTTTGTATGTTCATCTA
TGACGGACTTGCCACTACCGCTATCTCAAGTGACCAACCAGGCTATACGACACAGCTTAC
GGTATGGCTGAGCAAAACTGTACGTGTGTGTCGGTTATTTCAATTCACGGCCATTGTAGC
AACTAAGACGCATGACTGATATATCACACAGCCCGAAAGCGCGCTCGCGTCGATGGCACA
CCACCTCCTGCTGGGCTTTATCCTGATCATCAAGGTCGTCCTAGCATTCCAAACGACGCC
TCGTCAGAATTGCTTGGACCTCCTCCAGCATACAGCCCTGCGCCTGATTATCGGTCTACG
GCACCTTCGACTCCTCTTGTCCGGCCTTTTCATCGAAATGAACCTCCACAAGCATCTGCT
ACTGGCTCACCTACAGGTCTCCAAGATCATGGATACCAGAGTCCAATCGAAGCATGTTCA
CGGAGACTGCCAGAAGATCCTCCTCCTGAGAATCGTTGGCCGCGATCATCCCATCAGGAT
GCACAAATACCTCGGAGGCCTCGACCTCACCAAAGTCCTGTAATACCACCTCAGCAACAG
TCTGCCCCTCCATCTGGGCCTCAGGAAAGACTAGCTCCAAGCTTGGACGATAATAATGTT
GGGTGCAGTCGAATGGAAAGGTCAACAGGTTGCATTAACTCAAGTAGACTCACCAACTCC
ACAGACTGCGTCAACTCCAGTCGGCTCGAGGACTGTACTAATTGCGTCAATTCTAGTCTT
TGTACTAACTCTACGGATTTGGTGGACTGCTCGAGATGCAATGGTTGTCGGTCATGTGTT
GGTTGCTCTAACTGTAGTGGTCTTGTCGACGAAATCGGAGTTCGTAACAAACACGCCTGA
TCCTGAGATACTCCGCACTCCCGCGATCTTTGTTCGAAGGATTCAAAACGATAGACAGCG
GGCCTAATGGCGTCATCTAGATGCGCCACCAAAGGAATATCTGTTGTACCTTCGAGCCAC
AATATGTAATTAGTTCAGGCGCTAAGGGCCCAAATGATCTTAACAAGTTTCCAATCTGTA
GATCATATATCAGGTTGATGTTGAAGGGCACCTTATCGGTACCGATGGCCTTTCAAGCTT
ATCATACCTATGCATGTCAGAAATGACGTCGTGGCTGCATGCCCTTCCCGTCACGTCTCC
TCACCTATAAACTGGGGAACAAGTTATGCATATCCATACGTATTTTGCTCCTAAAGCTAC
TTCCTAGTGTTATCGAACTCTTATTCTCTCATTGTAAGCCCAGAAAGTACGTTCAACATG
GGTTGTGGTGAATCGTCACTCCGCGCAGTACCTTCCTCAGGTTCTGGCGACGGTAATCAT
AATAACACCAACTGCACTGGCTGCAAGGACTGTAAGTTTGTAGCATGCTTCGAAAAACTT
CAAGTCTAACTCCAAATCAACGATTGTAGGCCGAAACTGTACAGATTGCAAAGGTACGCC
CTCGGCAATGGTGTTTCCATAATTCTATGATCCCACTCTCCATACGCCGCACGTTATGGC
GTGATCAACCTACTCTTGCCCTCATGATCAGTACATCTTGGGATTCGATTTTGGCTTATC
TACTCAGACTGCTCATATTGTAAGAACTGTATCGATTGTAGCAAGGACACGTCGTGCCAC
AATTGTATCGGTTGCAAAAGTATGGGCCTTTCCATGCCACCTTCTTGGAAATCATCTGTC
TCTTCGGTCACCTTGACCACTTCCTGCTATCAAACACCTCCTACGACCGCGGACTAATTT
GCGTACAGACTGTACTGGATGTCGTAATTGTACGCGTTGTAAAGACTCTACATACTGTCA
GAATTGCACGGATTGCGAAAGTAGCAGTTACTGCCAGAATTGCACCGGCTGCGATAATTG
TGAGGAATGTCGCAATTGTACTGACTGTACCGACTGCATAAAGTACGTAGCATCATATGC
GCCTGCTCAGTGAGACCAGGGATTGGAATGGCGCAGAGAAGGCTGACAGTTATAGTTGCA
CCAACTGCACTGATTGTACCGGACTGAAGAACGCACACAATCAAACAGGTGTGCATAAAT
GATTGAGATCGATGATAGAAGTTTGAATCAAATGGCTGTGATTTGTAGTGTGTTATGTGC
GTGACAGATAGTTTTCATGCTTTCCAGTCAGAAATGCGATGCAATCGATACTTGGGTCCA
AGCAGCTCACACGTTTCATTCTCGTTCCCGTATTGCCCTTGTCAGTATAGGGATTCAACG
TATTCAGCAAAGATATACGAGACATGCTTTGACTAAGAATGGTTGTCTTTAAGGGAGTAC
GGCCGACTAAGTGTTCCATATTATACGTCCACATTGTGAAGTTGCCCGAACATACAACGT
TGTGCCTCGCCCATAAATTACATTGTTGCCACATACTGCGACTCTGGTCGGCATTAAAAT
GCTTCGTCTGGCGTTTTCCTCTCTGAACCTGGATATTCTGTTGTCACCGATCACGTTGGA
ACATGAAATTACTGAAAGGTTTGATAGGGAAGGATCATCGACAGAAAATGCCAGGAGCAT
TAGCCGACGACCTTGTGCCACGTCTGGTGCCAAAACCCGATCGGCGCAAGAAAAAGAATA
GAGTGATCCAAAAGCCGCCGGCCTGGTATATACCTCTCGAGATATTCCCCGAACCAGAAC

TTCCCAATATCATCCTTTGGCCACCGAAACCACCAAGAAGTGGACCCAAAGTAGAAGATA
TCTTATTCGAACGTTCAGGGTCCGTTTTCATCTTGCGCAGGCCATGAGCCAACGTCCGCT
TCAAAGTACATCGCGCCTAGGCGACGGGTAAGTTCATCTGCCTGAGCAACATGGAAAGAA
CAAACAATTCGAGGGTGTTGCAGAAGCTCTTGGAAAGAAAAAGGTCACAGCAAACCCTAA
ATACCAGGACGTTGATCTGCAGCATGCGTCTCGATTATACCATAGCATCTACATAGTCGG
AATGTACAACTGACTAATGACTTGATTGAAAGTTTGAGAATTCCTAATTACCCTTTTCGA
AAGGAGTCAGACTGAATTAAACTTCCACTAACTTCGATACCAATTCTAATCATCGGAAGC
TCCGCTGTTATAGGACTCGTCTCACTTAATTTTCATACTTCACTCAAAGTTCTCATCTGT
TCCAGATAGCCTAGTGTAATGGAATACAAAATGTCCTCTTGACGCGTAGTCTCCCCATGT
TGTTGCTGCGTGTTAGCTCTGCATGCTTTAGATACTAGTTGCCTTGATGGACCTTTGCCG
AAAAACATATATTTCCTGCAACACTCCCGTCCAGTCAGCCATACGAGAGTCCTAAGAATC
GAGGGAATCATACCGCATACGCAATCACGTCGTCAAGGCGCTCTGGCTCTGGCCAATTGC
TAGTCATCCTTGAAAGTGGCTTCTATATCATCAGATTGTTCCCTTCTCGCTCGCATTATC
AGGACTATACGTAATTGGGATTATGCGTGCATACATAGTCTCCGCTGTATAATTATGTTA
GAAGTCACCACCGAGATCGAACGCCCAGAAGTCAGGGAATGACCAGCCACTCATATCGAC
CTGCATATCCTGCAGCACATCAAAGGTCCCGTTCATGNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNCCTGAAAGCCAACGTGGTGAATAAGTCTAGAGTTTTTCGGCATCTCGAGA
GTATGTCATCGCTTGCGTTGTTGATGTATGCTATGGAAGTGGCAGGCGAAGGAGGAGGGG
GCAGCATGCCTACTGCAGCAGACATACTATACGGATAGGGCCAAAAGGATTAGCAAATGT
CTCATATGAATCCTCTGCGATGGTACGTACAGCCAGCACTCCATATATCCCGTACCAAGT
CGAAAGACTTTGACTTCGAAGATCTGCCTCGTACGTTCCAGGATATCGATTGAAGATGTG
CACAGTGTTCTTGCAAGAAAAGGATCCTGTGGCAGTATCGCGAGGTCCAAGTCCATTCGT
GAGTCCGGGCCAACTGAACGATTTGGAAGAGTAAGATCCGCAAAATGTGTATGATGGTCT
ACATCCTGAGTTTCAGCCTCTGCGGTATAGGACGTGAACGATTTGACCTTTCGACGAGCA
CAATTGTGGTATACGATCTGAGAAAGTGCCAGACCGACCCTGATCACATCGTTCCGGAAG
TTGTGAAGTGCCAGGATACCTCTCGATATCAGGCAATCGTGTATTGCCAATAACGAGCTG
CAGGTATCCACGCACGTCGTGAAAGAATGCAGATAGCGATCGTTTGTGTGAGCCAGTTTT
GCGTACGGCTTATGTAGCAACAAAAGATACTGACGAAGTTGCAAACGAAGAAGCGTAGAA
GGCACAAGTGCGCTATCGTCATTCCAAACGGGGAGGATCGCCAATGCAGAACGGATCTGC
GCATCGTAGTGCAGTACGTCGCTGTAACGGAGGACACTAGAAGGTGTATTCAGCAGCTGC
GTGAGATGAACACGAAGTGGAAGTGATTTTAGAGTCATTGCAAGGTATGATGCTGACGTG
AAGTATTCAGTGGGCTGACCCAATGGCATGTGTTGCGTGTCTGGTGAGAAAGCTTCATCG
GCAAGATTCGCAGGCGCAGGAGTATCGAAGTACAGTCCGGTAAGTCCAGATTGAAACCCG
CTCTCGATGGAAGATTGAAGCTCTAATTCCATGACAGTGACCCACAGTCGCTTCTTCATT
TGCTCATCGAAAGGTGAGATTTTCCCATGCCCGACCAGACACGGATCACGATGCATACCG
GATGTAATGGAGAGTCGAAGTAAATCTCCCGATGCTATCCAGTCTTGCTTCAGTCGGACA
CAATTGACACGCTTAGCAAGCAGCGACAAGCAATGTAATTGGAAGAAAGACAAAGTGACC
CGCTTGCGGGGCTGCTCGCCGATCCAGGCATCACATATATCGATGAGTTCAAGGGCTGCT
TGCCGGTCTGCAGTCGTGTCGCCAATGAAGACGTCATCTTTTGGGGTGAGACACTTTGAG
ATTGCAACAAGCAAGAGAAGTAAGGCGGCAAAGCTGACTGAGCTCTTTTTGTCTTGATCT
GATTCCCAGAATATGCGGTACTCTTTCCAGAAAGATGGCTCGTGTAGAATCCTGTAGCTC
GTTTCCCAGGTCTGGAAATAGAGAGCGACTTGTGCATCGACCGTACTCTTCGTAGGGAGG
ACAGCGAAGACTTCCAGGTCGATGTCGGAATACCTGGCGGTCTTGGCCTTTGCGGACTTT
TTCCTCTGGTCGCGGAAGTCTTTGAAGTCAGTTTTGACGCGCATAATAGAGTGGTCAATA
GTCAAGGCTTCCCGTGTAAATGCCTGCAGCTCGTAATTCTTGATGATGGTCAGCCGTTGG
TACACGGGCATCAGGGTCTGGGCTTGTGAAATATACCATAGATATCATGCTCATAATGCT
TGTTGCGCCATTGAAGTGAGATTTGAAACCTTTGCCTCTGAACATGATTTCTTCTTTGAT
CTCGGGCTCGTCAGGGACAACGGCCTCGAATCGCGAGGGGTTTCTGGTGTCGTCCCTTGT
GGCAAGCTTGTGCTCCAACATCGCGATCCGTCTCTCTTGGGTCCTGAGCTTCCATTGCAA
TGCATCTGGTGAGTCCGAGGAAGGGTTGCTATCAGCTGGCCGCTCGGCGAGGGCAATCGA
TGCAGCGCCCGCGTCAGAGTGGGACTCTTCAAGCAGCCGAGGATCGTATGTACACTCGTG
ACCTCTGCCAGTCTTTTGGCATCGGCCACACACTGGAAACACGCGATCACACTTCATCTT
GCGGTTGCGACACGCGTAGCACGACAACACTTTGCGCTTTTTGCTGGTGCGTCGCTGAGA
CGCGCCATCTTGACCTTCTGTGGAGTTGAGAGCTTCTGGAGAGTTATCGCGAGACCTATC
GCTTATCCACTCGGCACCCGGAGCGGACATGGTGAATGATAGATCGTAACTATGACGTGC
GATGATGGGCGTGGCAGGTGCTGTCGGTGGATCAATGATCCCAACGTATTGTCTCATGAA
TCAGACGCCCCGCAAAAATGTCCCGAGAACTCCTGAGCCTATCAGAGAACTAGCGCGGAG
CTATAGCTTC
>scaffold9|size:198934|1154521:1353455+|Alternaria alternata cx2
ACCATGGCACACGGACAGCGTTCGTCTTTGAAAGTTTATGACTTGCGGCTGATTCAGCCA
CGAGGGATTGGGCCAATGGCAGCTGATCGACAGGCCTAATCTCGATTCGGCCTGGAGAAT
CCTTCTCGCTGCAGCGACCCAGCCCTTGAACTCGAACGCTATCCGTGCGCCAGAGACATG
ATTACGACCCGTGGACCCAATTGACGGCCAGATGTCTGGCGGAAATGCACCTTCGAGTCT
ACCATGAATCGCAAATTACTGAGCCGTCGAGCCAATACACCCTCAAGACTCGTATGTCAA
ATCATCTACTTTCCAGCCAATGGGTGGGTATTTTGCAAAATTCGGCTCGTCAGGCTTCTG
TCAGCTTGACTGCGGGCACCAGCGACAGCAGACCACGCGGACATGTCGTTTCTGCATAAG

ACCGTCAGTGGATGATGGCTCATCGATGATTACGGCTAGCAAGCCACAGGGCTAGACCAA
TGGGAAGCCCAAAGCACACTTTTGGCGCCTACACCGGCATGTAGTCGACTAGGATGCAAA
TGGCTTTGGGCATATCTCAAACGTGAGGGGACGCAGCCATCAAGGCCTACGGAGGCGATC
ATGGAGACAAAGGGCTCCAGGGCTCGCTTCTGCTGCAGGAACCAGGCTTGAATTTGGCCC
GGCTCCTACAAGGGCGGTTATGGCGCCGAATGAGAATCCACCAGTCTACAAGCCCAAATC
TCTTCTGTTCCGGCTGCTCCTTCTGACGGAGACTTGTCTCAAGCTGCGCGGGACGCCCAG
ATGCTGACGAGACTGCTGAGCGTGGCAGTTTTGGATTCACCAGACACTCAGAGCGTCACC
GAAACACTAATCCCCACTAACTATCTGCTATACTGTCGACCAGATATCCCGGTCGTCGGC
TAGCCCGTTTGAGACTTGAACATGGCGGCGACGAATACAGACATGCATATGCTTCAGGAA
AGACCAGCGGCACATCACATCCCTCAGCACCAGCCGTCGTCGCCTTCCCACTCTCTATCC
TCGCCGTCGCTCGTCGAGAGTATTCGCAGCCTTCGCGACGATTCGACGCGCCCACACAAC
GTGCCGGCCACTGCGGACGAGCAACACCAAATCCGAGCACGTCGCAAGCCCGTCCCGAGT
CCGCTGTACCCAGCTGGCAATAACGGGCTCTCATATCAGCAGTTGTCCTATCAAGACTCA
CCACGCTTTGACGAACCGCGCAGTCCGCGCGAGAAGCTTGACGCATTGCTTGCGGAGGAG
CAACATCATACCTCGCCCATTCGCCCAACCAAGCCAGCGCATCCGCCTACACCACCCAAC
TTTCCCGCCCCAAATTTCACGCAGCCTTCGAGGCCGTCTGCGTATGCAAAACTCCGGCAG
GTGTCGTCACCCACGCTGTCCTCGGCTGGAATTTCCCCACCAGCGTCACCCGTCACCATG
CCTCCACCATCGCGGCCGAACCGACCTGAGACGAGACCGACGGTGCCTGTCCGCAACCCT
TCAATAGATTCAGCAGCATCGTCGCTATCTTCGACTGCCTCTCAGAACCGCCCTCCTGCC
AACCATGCGACGCGACCGTCGCAAGATACGAGCACGGCGAACCCACCAGATATGGCCGCT
CTGATAGCCACAGCAGGCTCACCAGAGGCTGCGATGCTGGCGTTGTGGAAGGAGAAGCAG
AACACATCCAGTCACAATGCGCAGCTCTGGCGGCTGGTCGAGAAGCAACGGTCCATGATC
ATTGGGCTGCAGAAAGATCTCGAGCGCGCATTGAAGGACAAGGACCGCTACCGCAGGAAG
TTCAAGGAGTATGCTGAACAGGTACCACCAGGTCCTGGCTCACTACAGAAGTCCGACACT
TTCGACTCGGTCGTGGAACGCGAGACTAGCCAGTCGCCAGCCCTCAGTGAGCCAGCTGGC
GAGCCCGCTAGGCCCAGCGACTCCAAAGCCGGGGAGCACAAGACATCGCCCTTGACACAA
GAGCACCCCGCGCCACATCTCATACCAGACTCGCAATTAGCGACCTCCCCGTCTCATTCT
ACCGCATCGAATCTGTCGTCAGCCGTGAACTCGCCCACCGACTATTCCGTACAACCCCTT
AGCCTTGGTAGCAAAGGTCTCGGCCTCGACGCCACCTTGCTGCAGCCCGGTGATGCTGTT
CAACCTCCAGAACAGGCCTCGAAGCCGACTACGCCTCCCCAGAATAACTCAGATGTGACG
ATAGTCCCAAGTGATTCACAGCTCCAGCCTCCACAGATATCGCTGATCCAGGCCACGCCT
GTCATTGGTGGTGACGGTTTCGAATCACCTCCTAGAAAGACTCCACAACCTCTGCGCAAG
GCCCCGCCAGCTCCGCTCAACCTCTCGAAACCCATTACGACTAGCGCACATCTCCACCAA
GCTGTGCACGGCGACGATGTTGATTCAGACTACGATGATACATTGGAAGTGGACGAGATA
CCTGTTGTGGAGCTGCGGGGAAGGAGGAAGACTCGGGAGGAAGATGATCGAGTCCGCGAA
GCTATGTATTCGAAAGACGAGGAAGCTAGAAGCAAGTCGAAGAAGAAGAAAAGCGAAAGC
AAGAGCAAACAACAAGCGACGCCATCTGAAACACCAGCAGGCGATCAACCTCAGGCGGTC
CCGGTTCCCCTTTCGCCGCGTCAGTTCAATGCGCTGCAATCAGGCCTTCCACTCTCTCCC
CGTCACCCACCTGCCAACTCTCTAAATGCTCTTCTCAGCCCTGCCAACTCGGATAGTTCT
ATGATGGCCAACCGGAGTGTTGCATCGCCACTCATGAGTCCAGGACTTCCTTCCAGCCCC
AGACCTACTGATAGGCCACTAGGGTCACCATTACCAAGAAACCCTAAGCAGTCGATAGCA
TCACCGCCCATGTCGCCAACTACCACCAGTCAATCAGCTGGACGGCCGGTACAGCAACAA
GTTCCTCTCCCGCCAAACACACCTCAGTCTTACCAGTCACCTCCAGTCAACCAGAGTCAA
CATTCTAATCAGCTCCGCAAAGAGTCGTCTACAGGCCTCTTGACAGTACCAGGTGCGCAA
CCTAGTCCAGAATCGCCATCAAGTAGCCCTACCTTGAACGATGTTCCGGATGCAGAGCAT
GTCTATCGTGGACTCGTCTCTGATCAGTACCCTGGACTCTTGCTCCCTCCCAATGCACTA
CCTTCTATTCAAGTCAAGGTCTTCTCGTCCCGCCTTCGGCCGTCACGTATGAGCATGCTA
GCTCCTAAACCACAGGAGGAGGACCCTGTCTTCATTCTCGCCGTCTACGCTCGTTCAGAC
AACAAACAGCTATGGCGTGTGGAGAAAACGATTGCCACGCTACCCTCTCTAGACTCTCAG
CTGAGGTCCATGTGCGATTTCCAGGGACAACTCCCAGATCGTGGTCTTTTCGGGGGTCAT
GCTCCTGCCAAGATTGATGCTCGAAGGGTCGCGCTGAACCAATATTTCGATACTGTTCTA
GAAACCCCTATGAACGAAAAGACAGCCTTGATTGTGTGCGAATATCTTTCCACTGATGTC
ATTGGCGCACAAGCTGGTGACAGACTGGCCCCCGAGCCCACACCGGGTCCAACGGTGTCT
GTTCAGAGGACGCAGCGCAAGGTCGGTTACCTTACTAAGCGTGGCAAGAACTTCGGGGGC
TGGAAGGCACGTTTCTTCGTTCTGGACGGCTCAGAGTTTAGGTACTTCGAGGGCGAAGGT
GGTGCGCATCTGGGAACGATCAAGTTGCAGAATGCACAAATTGGGAAACAGTCACAACAG
CAGTCAAACCAATCGCCACAACGAAAGGATGACTCCGAGGACAATCAATATCGACATGCC
TTCCTCATTTTGGAACCAAAGCGGAAAGACTCGACAAGCTTAGTTCGCCATGTGCTGTGT
GCAGAGAACGATGAAGAGCGAGATGCTTGGGTTGAGGCGCTTTTGCAGCACGTCGACATA
CCAGATGAAACTTCACCAATCGAGATTCGCGTCCCCTCTGCCACACGTCTACAAAAGCAA
CAGGCCAGTCAAGACTCAACGCGCTCGCAGCGGAGAGACAGCCCTGATGTGGCAGAGCAA
GATCGCTTACAAGGCCTCAGCTATGATGACGCCGTTCAAGCTCAAGCGCCTGTTCGCGGT
CCCAACCACCGAGACATGATGGTGGAAAAGGCTTCACGAGGCTCCCCCAAGGAATCATCC
TTCCACCAAGACAACTCAGGTCACTATCCTGCCATCTCTGGACCCAGCAATGGAACCCCA
ATCAAGGACTCTGAAAGCTGGGGCAGCAAGCTAATGGCGGGACCCACGGCAGTCAAGGAT
AAGAAACGCAGCATATTCGGCTTCAGAGGTCGCGGCGGTTCTTCCGACCTTGCGCCAGTA
CAAATCAGCACCCCACTGCAGTCAACCACGGAACATCGTCTACCCCCGGGCCGCAGTGTT
TTTGGCATCCCACTTATGGAAGCTGTAGAGTTCACACAGCCTGATGGAGTCAATGTGGCG

ATACCAGCTGTCGTTTACAGGTGCTTGGAATACCTCCGAGCAAAGAAGGCGATTAGCGAA
GAAGGCATCTTCAGGCTTAGTGGGTCGAACATTGTCATCAAGGGCCTACGCGATCGATTC
AACAACGAAGGCGATATCAAGCTGCTGGACGGGCAATACTACGATGTTCACGCTGTTGCG
TCGTTACTGAAGTTGTACTTGCGGGAACTACCGGCCTCTGTTCTAACTCGGGAACTGCAT
CTTGATTTCCTCAAGGTTCTCGGTAAGTATTTGGCCTTGAAATTGATGAAAATAGATAGT
TCGCTAACACATCGTAGACATGGACGAGCGTAGCAAGAAGATTCAGAGCTTCAACGTTCT
TGTACACAAACTCCCTAGGCCCAACTTCGAGCTGTTGCGACACCTCGCATCGTTCCTGAT
TGAGATTGTGGACAACTCGGGAGTGAACAAGATGACAGTGCGAAACGTCGGCATAGTGTT
TGCACCAACTCTGAACATCCCAGCTCCGTTGATATCTTTCTTTCTTACTGATTATACCGA
CATTTTTGGTGCTGCTCTTGACGAAGCCAGCTCTCCGATCCATGAGATTCGGAATAACAC
GTCACATTTAGGTGACGATGCTATTCGATCCCCAAGGAGGCAGATGTTTTCTGATCTCCC
AACGCCTGCGTACAACGAGACAACGTTCCAGCAGCGTATGGATCGACCGCCTCAAGGCTA
CCAAGGAAACAGCGCTCCCAACTATCCACCTCCGCAACCTCCACAGCAATATCAGCAACA
GCAACAGCAGCAATACAGTAACCAACAACAGCAGGGTCAATATAGTGGCTACGACTCAGG
CTTCATTCCGATGCGCCCCAGCTACGACACCCCAGCCTACGATCAACCTTACAATTCTGG
AGAGGGCTACGGTAGCTTGAATGGAGTGGTACAGTCGAGTGGAGCGCGCGAACAACGGCA
ACGAAAACGAGAGAGTGGCATGCTCCTCATGAACATGGGCATGGGTGGCCAACGCAAAGG
CTCGGGTGGACCGAACGCGCAACAACGCGGAGATGGACGATACGATCCACGAATGTACTC
GCAAAACAACACGCCCAACCCCCTAATGGTACGAGAAGAAACGGCATTCGACTGAGTTGA
AGCAAGCCTCGGACTCGGACTAGGCCGGCGAACAACGAACAACGATACATGAAGGGATGT
GTATACCAAGATTTGTGTTTAATTTTTGGATTCCTAATTCAGGACCACGGACTGGATCTT
TGGTTTTACTTTGGGCTTGGTTTGGTTCTTCCTTTGTTTTTCCTGCGCGTGTCTTGTAAC
GGAGATATTTTCCCCAGCGATACCAGGCGTTTTTATGGACAGGGAAAGCAAACAAACGAC
TCGCGAGGAGTTGTGTGTCTGCTTTTTCTCTGTGTTGCATACCCCATCGCCCTCTTCGGA
TTGTTTGTGCGGCAGCTTGGCTTTGGCTTTAGCGTGGCGCTTTTTTGCGATGTGTTTTTG
GTTTCTACCTTCGCTGAGATATCCTGGTTACTTTTTTGTTACATGTTTGGCGTGGACATG
CTAGATGAGGATTCTTGTATTGGGCATCTGAGCGGCTGGTTGGCTATGCAAGTAGAGTAT
CTAGCTACTACCGATGGAAAACGAATTGAATCTTGCAAGGACGTTTGAAGTCATGGTGTT
TGTGTCGTTGCGATGAAGTCTGTCTGCAAACGTGTGAGGTTCGTGATGGGATGGCGTCGA
GCGACATGCGTTGGTTCGGGGGGCTAGCGGCTGAGCTTGGGCGTCGAGGCGCATTCGGGA
CATGGCCGCATCTTCCTCCTTTGCGATTGACGTATTTGCTTGTTTGAGACACAAGTCTGG
CGGCACAGGGATAGCAAGCCAGGTCGCGAGCTCAGGCGTCATAGGGCCAATCCCATCCCA
CAGCGCAACCAGCACAGGCACGACTAGTGGAACCAGACACAGAGCACCCAGAGCTAATCC
CCGGATCGCGTCACAGTCATGGACGACAAGCCTCTGCCTCTGCGCGCCGACGAGCCCGAC
TCTCGAAACAGCCTACGACACATTCTGGCCGCAGACCCCCAAATGGACGACTCCAAGCCC
GACGCATCCCAAGCAAACACGCCCGTCCCCGACGAGAGCGAAGCGGGCGGCGATGCGCCA
GATGCCTCGCGCCCAGCCAACGACAACGACCCTGCCCGGCCCTACTACACGGCCACGACG
ACGACGACGCGCCGCAATGCCAACGGGAGCGTGTCGTCCGTCTACAGCGGGAACAAGATC
AAGCACCTCAAGAAGGACGATGGCATTCCCCTGTGGCGCAAGGACATCCAGTTCGACTTC
CTCAAGCTCGTCTTCGAGGACGACAAGCGCGTCTTCACCAAGCAGTCGGACAGCACCAGC
GGACACACCTTTGCCGACATCTACCTCGATGCCATGGCCAAGAGCAGCAAGTGCAGCAAG
ATCCTCAAGGACAAGCTTCTGACCGAGCGCCCGGCTGCCATCAACATGGCCATGGTGTGT
CTGCTCGTCAACGTCGGCCGCATGAACACCACCCTCAACTGTAGGCCACATGTGCGACTC
TTGACACCTCTCCTCTAACACGTCACAGTCTTCCCCGAGATGCGCGCCCAGCTACGGACC
TACCACTCCATCCCCTCCCTCCAAGCCCACCAAGACCCCAACGCCTACAAACAGCTGCAG
GATGCGCCGCGCTTAAAGTCCATCCTCAAGGGCGCAACTGAGGACCAAGAGCAGCCCAGC
ACCATCGAGGAGATCATGGCAGCTTCCATCCCGCGCACCAATCCCGTCAACCTCATCTTT
GTCCTGTCGCAATACGCGCCCAAGATCTCGGAGTTGCACTTCTTCCCGCCTCGCGATTTC
TTCGACCTCGTCATGCGCTCTAACCTGAGCAGCAAGAGCAGAGCCACAGCCTTCCTGTGG
CTCATGTGGTGGTATCTCGAGAGCGACTTCACCAAGGAAGCCGCCGAGAAGAATCCCTTT
GGCCCTGGCCAGATGGGACCCGCCGACGACCCGACTACAGCCGAGTTTCCCATCAAGTGT
CCGCCTTTCGAGATACTTTCGCCCGAGCAAGAGGCCCTAGAGAACGTCGATTCGGTCGAA
GAGAAGACATTTGGTGAGATTAAGCGCAAAGAGAGGACTGCTATATTGGCAAGCGACATG
GCGCCCGTCGTCACAGGCCCCAAACGGACTAACAAAAAGGGTGAGCACTCCAACCAGCAT
GCGTTTCGCCCCACGTCGGACCAATTCTAACATTTCTCAAGGCTTCAATCAAAACCCCGT
CTTCTCAATAGCCGCCGATGACGGTGCTTCGACACCTGGGCGTGACAGACAGTCGCCATC
CCATGGTAAGTTCATAGATTTGACTCCTGAGGCGGTACTCTTCTAACGTCAACAGGCTCT
GCACGAGGACGTGGCAAGCTTGCCAAATCCATCATCGAACGAGATTACCCCTCAGACACC
GACCGAACCCGCTCAGCATCACCTCCTAACAGCGTCTACAATACAGCGAAGAAGGTGGCT
ACGCCCAACATGCGCATAAATACCCTCCTTAACGAAGACGGCCCCGCTTCATCTCCCGCA
GCCAAGGGCCCTGGCCGCGGGAACTGGTCCCGCAACCGCACATCAGGGATAGGCGCCGGA
GGAACACCAGCAGCACGAAGCTTCAAGACCAAACTCGACGCACCAACCTCGCAAGACGGC
CAGTCCCCCTCTACATCTGCGCCCACCTTCAACGGCCCACACGGCTTCTACCTCCCACTC
AACGGCTCCGATCCGTCGCACAAACGAACCCGTCCCCTCACACAACACCAACTCGCCGTC
GAGCAATACCGACGACGGCGCGTAGACGTCATCCTCGACCGCGGAATTCGCATCGAATAC
GCCGCCGCCGCAAAACGCCGTCGCAAAGCCAACCCCTTCATACGCAGCTGGATCCGCTGC
AAAGGCATGGCAGATGGCTACGATACAGACGAAGAATCGCATGCGCAATACGCCCAACTC
TCCGACTACGAACTCGGTACCAAGACCCCGCCACCCATGCCCTCTGGTCTCGTTCCCTTG

GATTTTGGCGGCGAAGTCAACGACCACGGCGAGGAATCTTACTACCGCGCCAAGATGCTT
AGTAGGGCGCTGCGTCGTCTAGATCGCTGGGAAGGAGGTGGAAAGAGGGGGTCTAGAAGG
AGGCTCAAGGGGGAGAGGGGCAGTGGGCTACCAGACGTTAATGAAGGGCGACCTGTTATC
GGCAGTGAAGATGAGGATGACGAGGACGAGGATGGCGACTTGATGGATGTGGATGAGATG
GAGAGGAGGGAGGCGTTAGAGGATGAGAGTGCTGAGGATAGCGATGACGATGTTGATATG
GAGGGTGAGAGGAGGTGGGATTCTAATACCCTTCCACCTTTGCCTAGGATGGCGTAGATT
ATTATGTGGGTCTCTTGGGCTGTTCCAGTCTTGGTTTCTTATTCTTTTTGCAGGACGAGG
AGATTTCGTGTATCAATATGTTGGATTGGGAAGCATGGCGTTATGTGTGACATGTATGGC
TGTCGGAGGATTTTTCACCAGCAAAATAGAATGTTTTACCCGGTGTGTTTTGTTTGTTAT
GACATTCTTTCTGGAGCTCGTTTATGAGAGAGAAAGAACGGACCATAGTATCTTATGGTT
TCATTCGTGGCTGTAGTGTTTTATATACATCGACAACCTCGAACAAAGAGTACTGGGCTA
GTAGAATTGGAGTTGGCATCAATCAAGCACGTGATGCTTGATCCGTTGATTGCGCTGTTT
GATACCCTGTTGACTGGTGGCAAGATACTGTTAAGGCGAGGATCGGGAGCAGAGAGCACG
AAACATGGTGTTGCTAGTATGCTTCACTTCGATCATTCCCTTATCTCCTAGATCACAATA
TATATCACGCAAGACTGGAGGTTCAGCTAGGTAAGCATGCAGCAAATCAATTTTACTACG
CTAGGACTAAAGCCAAACTAAACGTCCAGTGGTATCATCACGATGAGGATTAGCGAACAA
TTTAACGTATGAACTCCCCTCCTCCTTCGTCTCTTATGCTATCTTGTCTCTCCCACTTTT
CAACACCCTACTCTCTTGCACTCCTACAACAGAACACTCCAGCCGATCGTCTTCGCAGAT
CGCTTGAACTCGAGGACAGCGACCACGACAACACCGACGGACGACTTGGACCCGGACGCG
GATCCGGTCCTGGACCTTCCTAAGGCGCAATCGTATAAGCATTCCCATGCTCATTATCGC
CACCAGCGTTTGCATGCCCATTAGAGGCATAGTTCACATGGCCATTAGCCAGCCCATTCG
TATGTCCGTTTGTAAGCCCGCCCGTGGTGGCATGGCCATTCAGTCCATTAGCAACAACAT
CCTCGCTATCGTAATGTAGACGCAGACTTGTCGGAATAGGACTCTCCTTTGAATTAGAAT
CGAGATAATGCCGCATCGTGATGCCCGCGAGTTTATGCTCGGTAACGGTAAAACGGCCTT
GCTTACCGGGCGCGCGACGTACATTTGGCAGTTTGAACACTTCACGAAGCGTGGCAGCGA
GAGAGGGGCCGACAAGACGCGCGCCAAAGCAGAAATGTAGACCGTGGCCGAGTAGAATGT
ACTCTTCAAATGGGCGGTGGGGATTCATGATCTCAGGGTTGGGGAACGCAACCGGGTCCA
TGGCAGACTTGGACGTGGCAATGAGGATCGTGTGACCCTTTTTGATGGACACGGGGCCAC
GGGCACCGTCGTTGACAGTGATATCTCTGGTTGCGACGCGAGGGAGACCAGGAACCACGC
CCACATGGCGCATTCCCTCGTAAACGAAACCTTGTAATTCGCGGTCCGATTCTGCATGAT
CCATGTGCGACAGTTCCACGATTCGCGCCTTGTACTTTTCGTACCCGGGCGAGAGGAACA
GGTCGATTAGCAAACTAGCTTGCTGGGTCAGGTTTCCGGCCACGGGTGCTCCCATGCCGA
TACAGTCGCCTACCAAGTCGCCAATGGGCAGCTTGGTGTCGGCAAGGGCGTGGTAGATGC
GGTCGGCGTGTGGACCTACTTCAAAGGCGGAGCCCTTGGCCATCCAATCTACCAAGCCTT
CAAGACGCCCTGTCTGTGTCTTCAGGTGGGTTTCGAAGATCGAGCGAAGTGGTGCTGCGG
CTTGCATCGCGCCTGCTCGCAGTTTCCACTCATTGTGTGGCATGATGTTGAAGGATTGGT
ACATGACTATCAGTTGATTAGCAGGCTGTTCGTAATCGGAAATGGCTGGTGTTGTAACTT
ACATAGAACAAGATATGCGAGAAACGCTTCGTGGATAGAGAGTAACCCTCTAGGTTGCTC
TTGTGTCTTCAGCGGAAGTGCAAAACGCTCTGCAAGCCAGAGGATTGGCGTGATGTTGGT
AACATCGCGAACAATGTCGATACTCATTCTACCCTTGGCGCCTTTAAGTGAGTTCTGCTT
GATGAGTTTCCGTACGTTGGTCGTGAAGAACTCATCGATGTTCTTCTCAAAACCCTCCTC
GAAGAAGACCTTATGCAGGATTTTGGACCGCTCGTCATGCTTCTTTTGCTCGTCCCATCC
GATCATGAAGTCATGTCCAGCCGTGCAGTTGCGAATAGCTGCCTGGTACATGACAACAAA
GCTTTCACGATCATTGAACACTTTCTTGCAACCTTCTTGCGTCTGGACACTGATGATGTC
GTAATCGCTCGGAGGGCGTCTGAGGTCATACTGTTCAACCACCTTATTGCCTGTGAGAAT
CTCTTTGGCTGCTTTGGGTGTGTAGAAGGGCAGCAGCGCGTAGCTTGAAGTTCCTTTGAA
TCCACCTGGGAGACCCTGGAAGAGCAGCTTGGGAAATACGCCGCCATATGCTCCTGGTGT
ACTCTCTGACAGCAGAGCCGCACCCCACTGCGTAAGAGTGTTACTGTTGAAGTCGTAGCT
CAGGAAACGGTCACCACGAACTAATGCAACAGCATCGTCCAAGATACCTCGACCAGTTGT
TTGACCGGGACAAACGCCACTTCCTGGCATAGCGGGCTTCGTGCACTCAGCCATTAATCC
CGGGTATAGTTCCATATTCTCCATATGACCATACAAAAGCTCGGCTGCCCGCGCCGTCTC
TTTGTCAGAGCACCAATCCTCGAATGTTTCGTACGGCTTCAGATTAAGATACCGACGGAA
TTCGTTGAGTGTGCAGACATTGAACATCTCACGGGCTTGTAACTGACCCATGAGATCGAC
AACCTTGAGACTGGCTGGTGTACCATGAGCACCAAAAGCGTGAGCAGGTTCTTCGATACA
GTCTTTGATCAGCTCTGAGAGTTGAGCATCGTTGAATCTGCCATCGGCTCCTCGCTGAAG
GCCTCCGAAGGTCCATTCCCAGGGCTTCTTGTTCATCAAGTCGTGACCGTACACCTTCAT
AACCTTGTGGAACATCTCGATTGTTACATCGTCGATGTGACGTAAGTCGGGGAAAACGGA
ACGGATGATTTCTTCCATCCAATTCTCGTCGGCAGCACTGAGAGCAGCATGCCAGTGGTA
GAGAACAGCGAACTCCACGGATACATGACTGCCAGTTCCGCGCTCGACACGTGTACCACC
TTGTTTGATCTCTTTACCGAGATCGAGAGACCATTCTGAGTTGGCTCGTGGGGTGTTCAA
GATGGCAGCGACGTAGTCTTTCAATACGACTGAAGCAAAGAAGCCAACGTTGATATTGCG
AGTAATCTGGAAGATGTCCTCGTCTTGCCTAACAACGTGTTAGACCCATTTAGGGAGTGG
AAGGTGTTTAAGACTTACCATTTTCTGTCCGCTTCGTCTAAACTATCCCACGGCTTATAT
TTGCCGTCCTCGTTCACTGACAGTAATGATTCCGCAACATGGTTGTGGTTCCTCGAGAAC
ATCAAAAGTACAGCGACTACACCAGGAGGCATCATCATGATGCGCTCCGAGGCGATAGAG
TCTGGATATATCAGGCCATTCTTGTACGTTCGCACGCGCGGCTGCTCTTTCTCTGTGTTG
CCGTACAAGGTGCTGAGGTCAACATAGCTCGAAGTCTCGTTGATCCAAGGGTCTGTCCTA
GAGGTTTGGAAACATTCGTGAATGACGATAGTTGCGAAAGAGAAGAACAGGCGATTGAGG

CCAGAAGGATGCTCGCGGAAAGGCCTATCGCGCTTGAGAAGCGCCTCATACACGTCTTCA
ACGTCGGGCAAGTTTGGTCCTACAAGTAGTTGTCAGTCCCAATTCGCAAGTCTGTCGTAC
GGGAGGATTACTTACCTTTCGGTTTAGTCGGAGGCACGTTGCGCGCATACGGCGATCCTG
CCTTGCCCATTTCAGGGTTGTGAGGATTGTTTCCCGAGCCGTCGTGCTTCCGGTATCTTG
CTGAAGGTCCAGCATGTGTAGGCGTTGGGTGGGGCAAGTCATTCCAGAGCATGCTAATAA
AACCGTCTGAGACTTTTGCGCTGAGACCGCTGTTCAGAGGCAGTCCCTGTAGCATCTGGA
CTCCCTTCTCGAGAAGAAGATCTTTATCGTCCAAAGGCTCGCCTGATGCCAATGTTGTAA
TAGCGTCGAGAGCAAATTTGGCATCCTTAACACCGAGACCTCTAATGTCGCTGACAATGC
CAGTCTTCTGGTGGTTCTTCAGCCCGCTCGCGGCTTCCGCCGTTCTGCCATCGCTTGCTT
GCGTAGGCTTTCTCCTGATCTTTCCGATCAATGTTTGTATCTGACTAGGCATGATGAATA
GTTGTGCGAATAACCATGTGGAAAGGAAGGGAATGGGCAGAATATGAATCCCACGACGGT
AGGGAAGTCAGAAAGTAAGTTCAATGCAGCTTGCTGTTGATCTTGGAAGGCGCAATGCTC
CCCACACGAGAGCTTGGCCATGGCAAGCAGCGACGAGCCAGTCCCATGACGACGATCGCT
AGCAGCTTCGGTGTGTTGATCAGCATATGCACTTGGCGAACAGTGTCCTACGGCTTCCAG
TGAGGGCGGGTGAACCCATGCATGCACCAGGGCGGAAAGAGTAGCGTCTTGATCTTGATA
TTGTCAAAGCTTTGATAGCTGCAATTATGTGAGTGTTGATTGGTCATGAGCTACTTCGTG
GAGGGTAGCACTAGACGGATGCTGCGCTACCTTCACTGGGAACTGACAGAGGGGTGTTGA
GTAAGTCCAAGAGACGATCTGTGGGCAGCGTCGATAGGACCCACAGCGTAGCAGCACCAT
TGGCCCCATTGGGGATGGAACTAGAGAGGCCCACCTGTGATGATCCATGGATGGTTTTTG
TAACATCACGAAGCATGCTCAAAAGAAATGTGTATGCCGCACGGGTACACCTGCCACGTT
TCAGGCTTCAGCACCCAGTGATTCTCTGGGGACCCGTTGTGGTATGATTTTGGTAATCTG
ATGCCAGACTGGATGTGCACTTTTGCGCAGGTGGCGGTCGACGACGTGATAGACAGAAAC
GGCGACCTGATCTTGCGACCATTCCAAACAGAGACGTAGACGAAAGCCATAGATGAACTT
TCAAGCGATCGGCATCCTGATTGAGCAGCCTTCGGCTGAGTAGTAGAAGAAACCCCTAGC
GCTTGCGGGCCCGGAATTGACCGATCCTATTTCCCGGCGGCTGGTCGCGCATTCATCTGC
TAGCGAGTGAACAAACGAAATGGAGTTTCAGCTGATGCGGTGGCGGTCAACAACTGGAGC
GCGAGCTTGCAAATCTCCGAGTAGGGTGCGGTATCGAGCTAAGTACTAGCATCCGCAGTC
TGTGGCCTACGGCCTGTCCCGAAGCCGTAAGGTTTACTGTTCGGTTCATCCAAGACGCCG
GTGGTGGTTGCGATGAGTGGGAAGTGCGATCGATAGTCGAGAAGACGGGAATCGAGACGG
CTCTGCACGGACCATGACCCACAAGTGATCGCTAGCAGGGTAGCGCCAACCACCTCTAAA
CGACGCGACGTGCTTTTCCAGCTCATATGTCGGCGAGCAGACCTACACCAGCAACTATCC
TCTGATCGGCACAGCTGTGTTGAACACGCACGCTTATGAAACCAATAGAAGTTGACACGA
TTGTGATTCCCTGCACCGCACTCAGCATTAGCTTGCGGGGCTTCTCTGTCGGAACGCGTA
TCATTGCGTGCATCGGTTACCTTCAGCCAGGATGGTGGCCGGAAAACGACATTGGCTCAA
TTGTGGTGAAAGGGTTATCCAGATTTCTTTTCACGATCAACTACGGTAGAAGACGGGGCA
GCGTGCGGTGCATCTGTCGTGTCTCCTGTCAGCCAACGCTGCAACATATGTGTTGCTTCC
ACATCATCTACATAGATACTTGAAGTGGGGGCGTGGAACAGTGCATGGTAGCTAGTTCGT
ATCAGCCATTCCAAAATCAATGACCTCTGTAGGGCGGACGGCACTTCGAAAAGATCAGCG
GCTCCTGATTAGAGGCGGGACTACTCCGAACCCACCACACGCGACATCGACATGTCGATA
GGCGAGTGTCTTTGCAAGCTGCATTAGCAATGGCGATCAATATCTTAACGTGACTTGATA
CGTTCGGAAGCTTTGGGAACAGGCCGGAGGGGAGCATGCGTCAGTTGTGTTAGGCCACTG
CATCCGATCCCCGCGATGATAGAAATCACTTGGCTACCTAATGCTTCGCAACTGCTTCGT
TCTAACTACGAAGTTGCTACCCTCTCAGAATCTCCTTCCTGCTCGAGTTCCACGTTGTCA
GTATGGCGCGTATAAACCCAGAGCAGTCACGCCTCCCTAGCGTTTCACCCCAGCTTCCCG
CACAAACACCTAACAACAACCCTATGGATTACGGAGCAGTATCGCGACGTCCGAATCATG
TGACCAAGAAATTTGTCCTGTGCTTTGATGGTACAGGTAATAAGTTCTCGGGTACAGATT
CGGATAGCAACATCCTGAAGATTTATCGCATGCTCGATCGCAATGGGGACGATCAATTTC
ATTACTATCAGCCCGGAATCGGCACCTACGTTACGAAAGCCAATGGATCTATGACCCGAA
CAGGCCGATGGGAGAGGTTTCAGTCGTGGTATGCGAAAGCAAAAGACAGCGCGATAGGTA
TGTTCGATCGGACTTGGCTGCCAAGCATGAGACCTAATCTAGTATAGGAACTTCATTCGA
CCAGCACGTTATGGCAGGATATAAGGTTAGTAATTAACTGCATGAAACAGAGCAGCAGCT
CCGGTTGCTCGCTTGAAGGAGCAACCATGGCGCATAGCACTGACACGCTTTGGACAGTTC
CTGATGAGATACTATACGCCTGGCGATGACATATTCTTCTTTGGATTTTCACGAGGTGCC
TACACAGCTCGTTTCCTTGCGGAGATGCTCGATCATGTTGGCCTTCTCTCTGTAAGCGCT
TGTTCACCATATATCAAGAAGTTTCTAACATGCAACAGGCTGGAAATGAAGAGATGTGCC
AGTTCGCATGGAAGTAAGTACAGCCTGAAGTCATTGTAAAACCCTCACTTACACTTTTGG
TCAGAACATTTCAGAAGTGGCAATGTCGATTGCCGGAAGAGAAGGGTAGCAAAAGCCGCA
AGTCCGGCGAGAAATCAGAAAAGCTAAAGCTTCTCGAATTCATGTGCGCGTTCAGGGAGA
CATTCAGCCGCCCTGTAAAACCCATACGCTTCCTTGGTCTTTTTGATACAGTCAACAGCG
TGCCTGCATTCGAGAATGCATGGATGCAACGCAGCAGGTTCCCGTATACTGCAAGAAGCA
GTGCGAACGTAATACGTCATGCGGTCTCTATCGATGAACGGCGTGCAAAGTTCAGACAAG
ATCTCATCTCCCAGGAGAAGCCAGACAGATCAATGCTTTACAAACACCGTCATCACAAGC
ATCGGCAGCAAATGAAGGATATGATCCACAGTGATCATGAGGATCATGATTACGACGAAA
AGGATCACGAGGAACACCAGGATAGAGGTCGGCGGGACACGTTAGCACCGCCTGAGCGAT
TCAGAGATCCACATGAGACTTCAGGCGTGCGCAGCCGTAGCGCAGACCGCTCACAACTGG
ATGGTGTTCATGGCTCTGCTACTCCTTCAATGCGATCGTACGACGCAGCAGGGACTTTCA
ACTCTCAAGACGAGGATGGCGAACAAGACATTCAAGAAGTCTGGTTTCCAGGGTGTCATG
CAGTGAGTGCATTTTACCTGGGATAGACCTTCAAAACTGACAATGCGTAGGACATTGGCG

GAGGATGGCCTCTCGGTGACGATGATGCAGCCTTGAGTCACGTAGCGCTGGTGTGGATGG
TGCGCGAGGCTCAAAAAGCTGGTCTCGACTTCGACGAAGACAAGTTGGAGGCCCTGAGCT
GTTGCCATGAGGAGCCTACAACCACCGTTTTGCAAGCCCAAAACAACATACCGATGATTG
CGATTGATCCTGCATCACCCTCACCAGTCATTCCACGCAAGAATTCGGATGCGCCGTCCA
TGGATACAGCAGGCTACACTGACGACGACAACATACTTTCTCATCACCGTGAACACCCGA
ACACACACTTCCATAAACACCTCCACAGCGCCGCAACTAAAGGCCGTATCCATGATGTTC
TCCAGTTCAATAATGGCGCCAACCGTATGGGCGTCGTCTCGTGGAACATAATGGAGTATC
TACCCTTTCGACGTATGGATCTACAAGAAGACGGAACCTGGAAAGCAATCAGATGGCCTT
TGCCTAAAGGCGAGACCCGTGATATACCCGCCGATGCCGTTATCCACAGCAGCGTGATTA
AGCGTATGCGCGCAGACCCAACCTACCGTCCTGGCAATCTGATAGTAGGTGGTGGTGGGA
GAGGTGTCAGGCACGCACCCAAGGACATGGGTATGGGTCAATGGGTTGTCGCTTGTGATG
AAGGCCACCATGTAGGCGAGTGTTTCAAGCGCAGACACCCACCTGAGAGGACAAAGACAG
ACGAAATGGAGCAGCCTGCGTGTGATGGTGGTATGCAGGTAAGCTTCCTCTGATCGTGAA
TACCGAGAAGGCGGAACTAATTTTCAGTAGGGAAATTACTTTGCTGGCCGCAAGAAGTCG
ACTGTCATGTAGACCAAGACACTAGTCCTATGCGCCGCTTCTACCTAGATAGTTCCTGAA
CACTGCTTCCAATTTACACCGCTTTTAATCTGGACGTCTTGAAGCCGGTGCTCTTCGCTT
TCGATGGTGTCATATAGTGAAGTGTGTTATTGAAATCATAATGACGTGCATGCCGTACGG
CCTCAATACATGATCATTTATATCGTCTTTTCAAATCTTCACTCATCTACCTAACATCTT
CTTCAAGGAACCTTGTGCTCAAGCCTTCTGCGCATCGTGACCCCAGTTCTTCAAACTCTT
ATAGCTCTTACTATCGGTGTCTTTCTTCGCCTTCTCTTCTTGCGCAAGATGCCTCTTGCA
ATATGCTACTACCTTGCGCATGTGATCGATGTCTTCCTGGTCGTATTTACTAGCTTCTTT
CTTTGGATTCTTCTGCAAGATGGCAACAATTTTACGGCCTGAATCATGACCGATTGTTTC
GCCGGAGCCGTTATCCTTGGACCTGTAGGCGCCTTAGAGACTGTGTATGCCATGCAATTC
GCAATGTCAGCATTGCATTAGAAGGAGGGTTTACCAGCCGGCTCCCTCGGACTCTTCGCT
GCCGAGCCAGTCTTGTAGCTCGTCTGCTGACATGTTGACAAGCTCGTTGAATTCCCTTGG
GGCGCCGTAAGCACTTGGCCTCGCCTCAGTTCACACAAGCTACTCACTCAATTACGGTTT
CATTGTCCTTGACCATCTTGCTATGTGTTTAGGAATCGTGATAGGTAGTTCGAAATGAGT
ATTGTCCAGGGTCTTTTTGCAGAATATGCTGTCGACGTTTCCCAGTTCGATATGCTCAAT
CCGCTCTTCAGCGTCGCGATGTCATGACATCACGACCACGCCCTAGCGCTACTGATGGCG
CCCAGCCTTGGAGCACCAAGAAACGGTCGCACGTGACCTAGCGGAGCGCGTCGCGTCTCG
CAGTTGGCATGAATGTCTCTCACGCAGCCAGGCATTGGCGCAGGGATATTGGCGCAGTAA
AGGATACGAAGACTGCATCAAGCCGTATCGTCTCGCCGCGTTCTCGATGCAGTCTATACT
CCCTTCCGCACCAGAAGCTGGCGACCTCTCGGGTGCGCTAAACTGTATGGAGCGGAAAAC
TGCGAGAGTCAGGTCTGAAGCAATTTTGACGTTGGACTGTGTCAGCTATAAATCCAGCCG
GAGGTCGCTGTCGTGCGAGAAGTTGCTGCAATGTTGGTTTCGTTGTTCCATCTCCAGCTT
TCGTCTCCAGCTTTCGTCCCCAGTGCTTACTACTTAGTGAGAAGTTTTCTCCAGTCTCCG
CAGCCTCCGCAACCCCTTCTTCTCCTCACCACACGCAAGCTCCCCTCAAAGTTTTCACAC
CCACTCCGCGATGTGGGAACTACCGAGATTACGGCCTCACTTTCTCGTCCGCTGCGGGTC
GGACATGCCAAGTCAATGGAATGTTCTTAGTGGCTTCCTTGAGCCTCATGTGGGCCTCCT
GCACCAATCCGAACCAATCTGTCGCCGCAACCTGGCTTACGTTGCATCCAAAACGGGTCC
CTCGCTATACCTGACCGGAGGAAGACTGCAAGCGATCGGAGATTGCGAATCAAAACAAGC
GCTGCGACAAAGCTTATGCCGGTTCACGCGGCATTTGTTTAAAGAGTCGGAGGGATGGTC
GGAGAGAGACTGGTGTTGAGGGTTGCACAGACCTGGATGGGGTCGTACACATCTCCATCA
TCCCCACTGCCGAGAGAATCTGTCGCATCTTGAAGTGAAGTATCTTCACCGACATGGGCC
CGGCCGAGGAATACGCGTCGTTGAGTCGACATCCACAAGTCACGCGACTATCAGTAGGTT
CCTGGGGATCGGCTGTGCGGCACAACGGTCCCTGAGGCTCGTCGTTGTATGCCATGCATC
TGAATGCGGGGTGGGTGTCAGAGGCGTTCAAATCGCATTAGCAGAACGTCCTGTACAACG
CCTACCGTCAGATGAGCATGCAAGAACACGATCCGATCCATGTGAACTCTAGGCTGTGTA
TCTCTTTGGGGGGACTTCCCGGAACGTCGGGCGGATTTGGCTTGGCCGTCGAATCGCGAC
CAGCTTCCCCACATACACGCCCCTTGTCCCCCAGCGGCTGCGTCGCATTGACAAGCCCAC
TACTGCAGTTTCAGACCCCCCGGATGACTTCTGTTTGGCTGTGGAGGAGGACAAGCCAAG
CTTGTAAGGCCGCTCGCGCGCAATTTCGTGTGACGGCGTGGCGCGTATGACGTAGAAGCC
CCGGAGTCGAAAGCTCGGCGCGATGCTGGGCATTACCGCATAACGGGACACGGGATTGGA
ATTGGCATTGATACTTAAGAATGGATGTGTACCGGACGAGTAACCCCATCTTGCCTTGAA
CATCAATCTTCCCGTGGTCAAGTCGTCTTACAATCATGGGTTTGGGCAAAGTGTAGGTTT
TGATCCGGTTGAAGTACGCATACAGTTGTGCTAACTTTTACAGTGCTGTCAAGATACGCG
GCGCCGAGTGCGGCATTGAAGCCATCATACTTGGAGTGATTACTTCGATAGGTGGTTTCC
TGTTTGGTTATGACACGGTATGTACCATACATGCTCTGTTTCCAATCGTCCAACGGCTTA
TTCAAGATAGGGTCAAATTTCTGGAATGCTCATCTTTGAGGATTTCATTCAGCGATTCGG
ACAGGACCAGGGCAATGGCGAGAAGGCTTTCAACCCCACGATTCAATCCTTGCTCGTTTC
CCTCATGTCCATCGGTACCCTCATCGGCGCACTTGCTGGTGCCTACACTGCTGATTGGTT
CGGTCGTCGACGCAATCTGACCGTTGGTGTGGCCATATTCGTTATTGGCAACATCATCCA
GGTCACCGCGATGACCACTTGGGTACACATGACAGTTGGTCGCATTGTCGCAGGTCTTGG
TGTCGGTATCCTGTCTATTGGCGTACCAATGTACCAATCTGAAGTATGCCCTCGAGAGAT
TCGTGGTGCCGTCGTCGCATCTTACCAACTCATGATCACTGTCGGAATTCTCATCTCCAA
CATCATCAACTACGGAGTCCGCGACAACCCAGGCGAGGATAGCGATGCTGCCTGGAGGAT
CGTTATCGGCTTGGGAATCGGCTTTTCCATTCCTCTTGGTGTCGGTGTACTTTTCACACC
GGAGTCTCCAAGGTGGTTGGCGGGTAAAGGACGATGGGAAGAGGCACGCATGTCAATGGC

CCGTCTCCGAGGCCTTGTGCATGACCCCAACCACGAGCTGGTCAACTCGGACTTCAAGGA
GATGGAGGATTCCATCAACGAACAACAGAGCGCTGGACAAGGTACCTGGATGGAATGCTT
CACTGGCCAGCCATCCGGCATTCCGCTTCTTGCTTACCGAACCCTTCTCGGATGTGCTCT
GCAATTTTTCCAGCAGTGGACCGGTGTCAACTACTTTTTCTACTACGGAGCGACCATCTT
CCAGTCGGCAGGTATTGACGACCCTCTCCAGGTTCAACTCATTCTTGGCGCTGTCAATGT
AGTCATGACCATTCCTGGATTATGGCTCATTGAGCGAGTTGGTCGTCGTGTGCCTCTCGT
CGTTGGTGGTCTGTGGCAAGCTGTCTGGCTGCTGATTTTTGCTATCATCGGTGTCGTGCT
ACCGCCACAGGACAACCCGGCCGCTGGTATTGTTATGATTGTCGCTGCTTGCATGTTCAT
CGCAAGTTTCGCCTCTACCTGGGGGCCTTTCATTTGGGTTATCATTGGAGAGACGTTCCC
ACTCCGCACTCGCGCGAAGCAGGCCTCTTTGGCTACTGCTTTCAACTGGCTCGGTAAGCT
ATACATCTTCAACACATCAAATCTATTCACTAACGCTCCATGTTAGGCAATTTCTTGATC
GGTTTCCTTACACCGTACGCTGACGACGGTATCGGCTACGCCTTCGGTTTCGTCTTCTTC
GCATGCAACTTCGTTGCGGCGGGTATCGTTTACTTCTTCGTATTCGAGACCAAATCATTG
TCTTTGGAGAATGTCGATATCATGTACTCGGACCCAAGCATATCGGCTAGGACCAGTAAG
AAGTGGGTCCCAGCTGGATACATCAGCCGTAACGAACGTGACGACACTTATTGGGAGCGT
CGTCACAGTGCTGTTGGTGCTACTGGTGCTGCTGCATCGGAGAAGGTCGGCGACAAAGAT
GTTGATACTTCGCCTGAGAGGGGCATGTCAACGCACCACGAGAGGGTTTAAATATACTCC
CATGGTCAAATACAGGATATCTTTACCTAGGCAGTCCAGGTTAGAGATGTTCTCGCACTG
CCGCTGTCTTCTAGCGGCTCCTCCATTTTAGCACTGGGCTACATACCGCCAAGAGGCGTA
CATAATTTAGACTTTATTCAATTCCAACACATTAACAATTCGCTGCCTCTGTGATGTGAG
AAGCTCTTTTGCATTCCGGAAAGGTGCCGGCACAGCCACCCCTGCTAATTTTAGCGTGGC
GCATGTCACAAACACAAGCGGCAACGCGTCAGCTCCACGTCTTCTCTCCAGCCACTCTCC
GCTTTCAAACAACAAGATACAGTGTCCTCGCTCGTTTTACACTTCTGCCGCTCATTATCT
AGGATTCTTTTCTGCCCAACTACGAACACTGAAATACCGGAAGATACGAATACGGAGCTA
TGCCGCCAGCAGTACCACTTCACAACACCAGCAACCTCGCCAAATTAGCGCGTCGGGCCC
TGGTCACAGCGGGGCCGGCTGTCGCTTCGCAGGCCTCGCATCACTTCGAGCGCCGCGGAT
TGAGTGTAAATCATACTCAAGGAGTTACGCTAGGTGTTATTGCTGCATATGTTGTTGTTA
TTGCGTTGTTGTGGAATTTACCGTATGTGCGATGGGTGTTGTGGCCGTTCAAGGTATGTG
CACCGTAGTAGCCCTAGGAGAAGATGGTCTGGAATTGAGATCATCAGTGTGGTTGATGAC
CGGGTTCCTTGAGCTTGCAAAATCAGCATAACAGGAGACATGGATGGCTGATTGAATCCA
CAGATGCTAGTCATTGCCTTCCACGAATTCTCTCATGCAATAACGTCTTGTTGTACTGGT
GGGCGAGTAGAGTCAATCTCTCTTGATCCTCATGAGGGAGGTGTGACGCACATGCGCGGC
GGCAAGCAATTCATTACTCTCCCTGCTGGCTACTTGGGGTCTTCATTGATCGGCGCTTTA
CTTACGTTCTGCGGTTTCAACATCGTGGCCTCCAAAGTAGCGAGTATCGTGCTAGGCGTA
TGTTTCCTACTGACATTGTGGTGGGCGAGAAAAGACTGGTTGACGATTGTGACCATTCTG
CTCAGTGTAGGGTTGCTTGTGGCGTTCTGGTTCATCGAACATGGCGAAGCGTTAAGGTTC
ATGGTCGTGAGTACCCCTTCTCGTCCCTTCGAAAACCGTCGAACTAAAAACTTTCCAGCT
CTTTATCGGCGTCATGTCTTCTCTATACAGCGTGTGGGACATCTGTGACGACCTCATCCT
CCGCAAGGTTAATTCTTCCGATGCCAGCGTCTTCGCCAAGCGGTACGGCGGTTCATCGCA
ATGCTGGGGCGTCATCTGGTCACTTGTCTCGTTGATTTTTATGGTTTGCGGAATCCTCGC
GGGGTTGGCAGCCTTCAAACAGAGTTTCGAACAGCAAGAGAAGGACAGTCAAGACTTTAT
TCCTACCGTGCGCATGATGATGCGGGTATGAGACTTGATCTGAGGATATGATATGGTATG
GACGGCTCAAAATATGTATTTGGACGGCACCGGGAGACCTGCAAAATTTGGTTGGCGATG
ATATACCCTTATATGCGCGTAGTATTGAGCTTTGTATTGCTCAGATCGTTCCACGACAGC
GAAATGACATAGTATTCACCTCTCAGTGGAGAAAAGAACAGGTCCCTATGCGGATCTAGT
TGAGTTAAAGAGTCATTCCCGTAGGCATGATGACCACCACTGTTAGACCGAACCACAAGA
AAAGCGGGATGCAACTCTAATCGTCACCACATGTCGAATATCCAAATCACCAGCAACTTT
AATCAGCAAGGCGTACATCCGCTCGATATCCAACGCAGGTCCTTCAGGCGTACTTCCCGT
CAACCTACTCTCTCTCAAAGAATCCGCCAAACGCGTCCTTCAAAGCCTCCTTCACACTCT
CCAACACAACCTTGTCCTCGTCACACTGTCTCTCAACTTGCAGTAAAAGCATGTCGTAGA
CCGCGCGACCCGTCTCATGGCCCTTCCCAAGCGATTGCAACCTGCTCGTCAACACCCTCC
ATTCCAACACCTCGTCGTCCTTCGCTTCTTCCAGTTGCTTCTTCGCAAGCTCGTAATCTT
CGTCTCGCTTCAATATCGCCTCGCGATAGGTATCAGCGTCCTTGCGAGACTCCTCTAGCT
CTTCGTTGGCAATGTCAAGGGCACCTTTGTGGGCACGGAGCTCGGAGGTTTGGTCGCGAT
ATGTGGCTTGAAGAGAAGCGTGGGAGGCGAGAGCGGCGTGGTAACGGTCGGTCAATCTGC
AGCATTGAACACAGAGCAACTTGATCTGGTTGCTGCTGTAGGCTGATTTGGCTTTCTCGG
CTGCCAGCTCTTGTTTCGTTCTTTGAAGTTCGGCCTTTTGATGGAGAAATTCACGCTGGA
GGATAGAGTGTGCATGAAGTTGGCGTTTCTAGCGGAGGTTAATGACCACTCCAAACTTGG
GTATACACGTCGCTGTCCATTTATTGTATGTACTCACAGAAGCAATTTCAGTGGTGTGCT
TTGTCTTTTTGGATGAGGGTTCTGGGGACGATTCCTCTGCGGGCCGCTTGCTCGTTCTTG
GATCTGTGGTCGGTACCATCAGGCCACGGGACTTCAGCAACGCGACTTGTCGTTCGAGCT
CGGTCATGTTGACTCGATCGCGGCTTGGTCTCATTGGACAGTGCTGCTAGTAGTTCGTAG
AGCAAGGTTGAAGTTGGTGCGAAACAGACTAAGGCACAGAGATGCAAGATATACGTGCGC
CAGTTCTTCATCTCTAGGTGACTAACAGTTGATCGTGGGTCACATATCGAGTGGGTAGCT
TTGAAAGTGGAAGTGAAATGTGATAGTGGCTTGCTAGGAGATGACTAAAGCCAGGGTGAA
GCGTTAATACTTGAGTTCTAGCCAAGATGAAGGTGAAGGTGAAAAGTGCCCAATCGAGAG
CGGCCTCGAGTTTCACAGCCCAGAAAAGCTGCCTGATAGAGATGTAGACGCTCTCCTGAC
TATGAGGCATCTAATGCAGCCCCACTCCCTTCACTCCCTCAAAAAGCGCGTCCTCCCTGA

CTAATACACTTCGACTCAGGTCCTTCTTTTGCACACTCTGGATACCGCTTAAATGCAAGG
TCAGCTCCAGCTCACCCACCAAACTCTTGAGTACATGCTCCACGCCCTTTTCTCCTCCGA
GTGCCAGACCATACACGTATGGTCTACCAACTAGCACACAGTCAGCGCCCAGCGCCATTG
CTTTCGCAATGTCAGCACCAGATTGAATCCCACTGTCAAAGAAGATTGTCAACTTGTCCC
CAACAGCATCAACGATATGTGGCAACACGCCCAACGAGGAATTCCCGCCATCAAGCTGCC
TCCCGCCGTGATTACTCACAACAACGCCCTGCACACCAATCTCAACCGCTTTTCTCGCAT
CGGCCAAGCTCTGAATGCCCTTGAGCACGATTGGCCCATCCCAGTGCCTCTTCAAAAACT
CCACATCCTCCCAACTATGGCTCTCCCCGGGGAAGATTGTCCTCATCCATTCTGGCGCCG
CAGTGTCCATTTTACTGTCCACATCCACGTCATGCCTCTCCTTGAACTGTTTCCGGAACA
CAGGATCTGTCATACCGAGCTCCACGCCTGTGCGATCTGCGCGCATAAAGGGGTTGTATC
CATTATCCATATCTTCGGGCCGCCAGCCAAGGATATATGTATCTAGCGTTACGAACAGAG
CTGTGAAACCGGATTTCTTTGCGCGCTGGAGTAGAGATATAGTAATGTCGTCGTGTTCGC
GTGAGGGCCAGTAAAGTTGGTACCAGCGTTGGCCATCGGAGCCGTTGGCTGCGGCGGTAT
CCTCTATACTCGTGCTACTCGCTGTACTTAGGATGTATGGGATAGCCTCTTTGGCTGCGG
CTTTTGCGGCGGCGACTTCGCCTTGGGGGTTGAAGATCTTCAGTACGCCGACTGGCGCCA
TGGCTATGGGCGCCACCATTTTCTCGCCGAAGATTTCGGTCGTCAGGTCGGGGAAACCAG
TGTACTTTACCAGGCGGTTTGGCACAATAGACCATTTCCTGAAGGCATTGCGGTTTTTGT
CTGTTGTTTCTCGTACTCCAGCCGATCCGTAGACGTAGCCTTTGGAGTCGGCTGACATGC
GGCTACAAGCCAATTCTTCCCATCTATCGGCCTGGAATGTGAGTGGTGGGCGTTCAAAGT
CTAACCCGCGTGTGTATGTTTGCATCTCATAGTCAACGGCATCTTGTTCTGGTTTGTGGT
TTTGAAATTTGGGATGGTGTTGGGTTGCTGTGGGCTCGGACATGGTGATGTGGTGGGATT
CGGGTTGCCCTTAGGATTGAAGTGATGGAACCCGTCAGGTGAGAATGAGTGACGGGAGTA
CAGACAGAGCTATTCGAGTGGTGACAGACGCTTACTGGAGCATAATGCACGTCACATCAT
GACAGCTTTACCGGATATTTTCGGAAACAAGGTAGTGCAGGGCCTAATGGCGCATCCCGC
ACCAGGGCAGTCTTGTGAAGCTTAGGTGTGAGCTATTTGTCGACTATTTAGTGTACCTTA
GTGGAGACGCAGGATTGTGTTGTCTGTTGGTGCATGTTGCGTCAATGGGTCTCCAGATGA
GGGGGAGCATGACAGTGCAGTGACGTCACGCGCTGTCATGGCAAAGTATGCCCAAGCAGA
GGGACATGAGGAAGTGTGTACAAGCAAATGGAGTGGGTGGGGACAGATGTCCGCCTGGTG
AATCATTTCTATCCGTCTAATAATGTGCCTCTATACCTCCAATCCATGATGATAGCGTGT
GCAAAGCATGCAGCCTCTGCTTCGGAAGAAAAGCGGGCGTCCCAAACTCCATCAATGCAA
ATATCGATCATCGCAGTATAACAAGCAAGGCTAAATAAAACGTCTAAACAGCGACGCAGC
CGCCGTCAATCTTCAAATGTCCACCAGTCATGAACTTGCTGTCTTCGCTGACGAGGAATG
CAACGACGCTGGCCACGTCATCTGGGGTGCTGAAGCGGTCGAGCGCAGTCTCCTCCTTGA
GCTCTGCCAGCCTCTCCTTGTTCCAGCCGTCCTTGTAGCCCTGTGTTTGGATGATGCTCG
TGTGGATGGTGTTGACGCGGATGTTGAGCGGACCAAGCTCTTCAGCGGCGGTAAGGGCGA
TGCCGCGCAGGGCGAACTTGCTGGCGCTGTACGAGATGAGGTTGGGGAAGCCGCGAAGAC
CGGCGATGGAGGATCGGATGATGATGGAGCCGCCACCAGAGGTGGTCTGCATGGCTGTAG
CAGCGTACTTGACGCCTAGGAATGCTGGGGGGTCAAGAGTCAGCGGAGGGTGACGTTGTC
GAAGAGACAGGGGAGTGACATACCAGACTTGGCGTTGATGGTCATGATGCGGTCAAAGTC
GTCTTCGGTGACGTCGAAGATGCTCTTGGACTCGCCGCGATGGCAGCAGTTGAGCAGGGC
AGCGTCGAGCCTCTCGAAGCGTTGCACCACCTTCTTGGCGCATGCCTCGACGTCGGGCTC
CTTGGTCGCGTCGGCGACAATGGTGAGCAGGCGCGACTCGATGGGCGAGCCTGTGGGAAT
GGCGGCCTTGAGGACGGGCACGGCAGCCTCGAGAGCACCCTGGTCGATGTCGATGAGGGC
GACGTTGCAGCCTTCGATAAGCAGGCGGCCAGCAGACTCGACGCCCACCTTGCCGCCTCC
GCCCGTGATCATGACGACCTTGCCCTCCAGGCGTTGGATGGGCAGCGGCCGTGTGAGGTT
GGTGGATGTGGGCGCGCGCTCCATGCCCGGCCGCGGGGGCTTGTTCAGGTTGAGGGTCGC
GATGCTGGCGCCAGGCGTGCGCAGGCTCTCGGTCGTGTTTGCTCGCTGCATGATGGTGGT
GGTGGTGGTGGTCAAGTCGGCCGTGGAAGTCGTGATGGTGGGGAGGGAATCTTGTGCCGT
CCAGCGGTTGCTTCGTGAGGATGTTGCGAGGGCAGGGCTCGCGGGCACAGGGCCATTTTG
CTATTTCTACGTGCCATCATCCCCTCCTCACCGGACCCTTCTTTTCCCTCAAGATGACGT
ATCGCCGGGATTCCCTAGGCGAAACTTTTTCTGCGTTGATCAAACACCGGATGCGCATCC
GTTGAGGCTCTTGCTGGCGGCTGTACCCACTGCCCCGAAAATTTCAGCCAATGTCGCCCC
TCGCCGGCATTTGGCCGCACCACCTGCTCCAACTCTGGTGCAATGAGCGGTGGGACGTGT
CCACTCCATGTTATCACTTATCGTACCCCGTGTGCACGATTGTGGGTGATGTGGGCAGTA
CACATGCCGCCGTGTGGTTTTTGACCTGCTTAGGGCGGGGTTGTAATCTAATCGTTTCCA
CCAGTCGCGCGAATCCAGTCGCGCCCAGCGTGACATCGCCTCAGACCAGCGTCCCCAGGT
GTTCGAACAAGGCGGTCAGGCACAGCGCTATTACTGCCAAACGGGCAAGTAGTCCGGCAA
GCTATCCATTTGTAACTTCCCAGCCCAGACGAACCGACTTCCCATCTCCAATCGCGTCGT
CGTGACCGGGTAACGCGGAAGATCAAGGCAGCAGACAAAGTCTCCTGTGAAGAGCAGGAT
AAAGGGAACAACGAGTCGGGTGCAAAATCTGGCGCTGGCATAGTGGATCAATAGCCGATG
CTACAAAGACACAGAGTCATGAGCCGCATTGAAAAAATGACAGCAAGAGACATCACCGCG
GCCGGAATTAAGCATTACCAATTTCAGGCAAGACAGGTCAGCAATGCTTGAGGTTCAGGG
TTGACCATCAGCTTTTCATTCAGTCCTCATACAAGGCGTCGCTCTCCTTCACCTCCACCC
TGGACAGCACTTTGCATTCACCAGTCCAGAAAGTAGTCGATACCATCCGCGAGCGCTGCC
GCGCCTACTGCAGCATGATCACTGAAAGGGTACTCATGTATGCTGATATCCCTCAACGCC
GGACTATCCTCCAGCGTGCTGTATAGCTTTTGGCTCAGATCCGTCATCCGCTGCGGTACA
AGGATGCTCTGTCTAAAGGCGAACTCCTCATCCGTTTCCGTCCGCCTCTGCACCAGGTTC
TGTTCGAGCGCCCCATAGCTTATCTGGAAAGCAGGCTTGGTGGCATTGGAAGTGTTGTTA

GCCGAGGGCGAAGTTAGCGGTGCGAGAAAATCCGTGTTGTTGAAGACGTAATCGTTGTTG
AAGAAGAGTGCCGGGGAGGCGCTGAGAAATGTATCGAAGAGATCGGGGCGTACTGTGAGA
GCGTACAGGACGAAGAGGCCGCCAAAGGAGTGACCGTAGAGCGCATCGCGGTCGAATTCA
GCCTTTGGGAAAGCTGTTTCCTGGACCCAGGGGCGGAGAGCAGTGTCGATGAACTCGATG
AACTCATTGGCATTGGACTGCACGCCAGGCACTGTTGGCAATGGGCAGCCGTCGCAGACA
GGAGGCTGGAAGTCGTAGCTTCGCTGGGTGCTGTAAGGCGAATCTTCAATGGTTTCCGGG
TAGCCTATGCTGACGACGATACAGTCGGGCATGTTGAACTCAACTGGACGGCGGCGACGG
AAAGCTTCCGTGGCAGTCATGCCGAGTGCATTGCCATCGAGGACATACCTAGTAGTGGTG
TTAGTACTTCTTTTCTCATGTTGCTACTGTAGTCCATCATGGGCTCTTACATCGTCTCCA
CAGTCGAGCTCTCCTCCTGCGATGTCCAGTTCAACGGCCATGCGACTTGAATCTGATATT
CCCAAGACCCGTTGGTCGCACTCCAGAACCCTAGGTTAGGCAAAACATTGGTAGGGAATT
CGGTGACGAGGGGCGCAAACTGCCAAGCACCAACTGAACTCATGATGATGGTGGTGATGA
AGACGGACCGGTTTGTTCAGATGCAGGTACCAGGGGATCAGGCTACCTATCGACTGGAAT
GCTTTTGGCTTTTGTACCTGATGGCCACCAGATTACTCGTCCCAGAAAATACAGACCCGA
GGGGCGGGGAGCAAGCCCGTATCCTGTGCAGATACCACGCCGCAATCGCAAGGGCCCCGC
AGTAACTTTGCTCTGGTAGGTTAGCATAGACGCGGCATGGGATTCTAGTCCCGGTACTTA
CAGTTGGACATCCCGGCCTTATTGAACAATATATACATTGCCAAGACGGGGGATCATCCT
TGATGATTCCGGTCTCTGTTCGCCTCTGATATGTTATAGAGAAACTGGAGTATCTTACAA
GACGATGTCAACGGAAGAAATCTCTCTTGTGCTGAAGAGTCCAGGCTGCGTAATCGCGAA
TTAGTGCGATGAGACTGCGAGTCAAGCAGCTATCCAAGTGGATGAGGCGGGTCAGAAGGA
TTCACTATCTATGTTCTGGCTCTTGGAAACCGAGGACTGTACATGTGCTGCACCGACGAG
CCTCAATCCTCCTCGACGGAACTATCGAACGCATGCAAGCCTTCATGCAGACTGTGCGCC
ACTGAAATCTCGATCGTCGTGCCTGATGCGAACGGCATATTCAGGAACAATTGGTCAAGA
TCGGTTACAGAAGAATTTGACGCTAGTTCATGCGTCTAATCACATCGTAGTTGTGGAAAT
GGCATGATTAGATTCACGATACACACTGCTGTAGTTCGGAAGGATGGCGCCGGATGAGCT
GGGATTGCTATAGCCACGTGCTCGTCTCCACCATGTCACACCCGCCCACCTTCGCAATTA
CCTCGGTAGCCCAATCACAGATGACTGCGATATCATTTCCAGGGAACAGCAGCTGCGATA
GGATATCTTCCGTGTCATTTCTTACGGAGAGAAGTCGGTTGGCGCCGCGCTGTGGGCTTA
CGACAAAAGTTTGTTAGTTGGCGTCAGCGCATCGGGCCGTAACCATAAACGTCAACCCAG
CCCGACCGCAACCAGATCCTGGGGACCCAAGTGCCGGGACAACAACCTCTTCAGACGCAA
ACTCAGTGCTGGGTTCAACGGCGAGTCGTCTGATATTTAATCCGTAGTATTCTGGAACAC
CAAGATGCAGCCATCCGAATCAAGGTACAGATGCAGACAGTGACAGTCGAGGCGAAGCGA
TGGTAAACGAGATGAAAATATTCAAGGATGTGTTTCAAGGTACTACTTATTCAGCGATGT
GCGCCTAGCTCCGTCTTTCTAGAAGGCGCCTCGCCCGGGCAGAGGGTCATTCTTCGCGGG
ACACGACGCGTCATAGATTTTGGGTTTGACAAACTTGGGCGTCGCGTCGTTGTTGTAGGC
CAGCTCGACGAGTGTGGCATTGCCTGTGCGTATGTTAGCAAAGAAGTAGTTGTACCCAGA
GAACAAATGACTCTTACCTGAGTTGTACAAAGGCCATCCATATTCAGTCAATCCTTTTTG
TGAGTCCCGGGCAAAAGCACCCCAGGCACCCTGGATATATTTCGTGTACTGGTTCTCGGC
AGGAGAATTGGGTAGACCAGAGATGTCCTGAGCAGTGCCGAAGACCAAGCCAAGATCGGA
GCCATGGTATGCAGCGCTTCCTTGGGAACCAAGACCTGCGCTGCCGTTGTAGAGGCGAAG
GTTATCCCAATCACCGTGGTATCTGTATCGCCAGGTAGGCACATCATACTGAGCCCGGTA
TGCAGCGGACAGAGAGGTTGGACACGTGAAACCGCGCTGAGTGAACAGATCCCATTGTGC
ATTGGTAAANNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NTTGCGGAGGCAGCCAGAAGAGCAGACATGTTTGCAGAGCGCACGCAAGACACAACTGCT
GCAGCGTCATCTGCAGCGCCGCCACAGCCGATGGTCTGGGACACATTGTACCAGATGGAC
TGCGAGTACTCGACAGTGTTGGGGACGAAGCTCAGGGAGGTTCCAGACATGGGGATGAGG
CCAGAAACGATCGGGTCATTCTTCCAGGCGTAGGCCCAGTAGTCGACGGCAGCACCGCCT
GCGCTTTGTCCGAAGATGACAATACGCGATGGGTCGCCTCCGAAACCAGCGATGTTATCG
CGCACCCATTCGACAGCGGTACGGTGATCGCGCAGCGCGGCGTTCTTCTCCACACCAGGG
GCGCCAGCGAAGCCGAAGATACCTAATCGGTAGCTGGGATTGTCAGTAAACGCATGGATA
AAGATGGAGTGAACCCTACTTGAATGTCACAACGACCACATCCTCAGCGTCAGCTAGGTA
TTGGCCGTTGTAGAAGGGAGAGTGAGGACCAGGAATCTGGAAACCTGGAATGGTCGTTAG
GGATATTCTGGCGAATCAAAGGAACAACGTACGTCCTCCGTGAAGAAACACTAGCACTGG
CTTCTTCGCGTCCGCATCACCAGCACTTGCCGTCCAGACATTGAGCTTCAGACAATCCTC
AGATACAGAGTTGTTGTTCTGGGCTGCAAAGTTCTTCCACACACGCAGACCGGATGGCTG
TGTGAAGTTGGGGAAGGCGGACACTGGCGGCTTGACAGCAGGGCAGTCACTAAAGAGTCG
TTAGAAGTATCCTCTATGTCTTGTGTTCCTTACGTACGGAGACTATGATTTGTTAGCGAT
TGTACTCCATGTTGGCGATATTGCGATTACTAACCCACTCAGATGCCTCGAAGACAGTTC
CTGCTGGCGCATCGTACTTCTTCGGCGCAGCAAATCTCAACTCGCCGACTGGCGCCTCTG
CATATCGGATACCCAGAAACTCGGTCACATGTGTCTTGTTAGACGATGGGTGACCAATCA
AGGTACCACTCGATGTCTCAACATTGGAGCCATTCTTCGGCGCTGCAACAGCCGAACCGA
ATAGCGAGGCTACAGCTGCAGCAGTAAGGAGGAGGTGCTGCATAATTTCAACTCGAAACA
ACAACAACCTTGCGCTTTAGGGAATAAATTCCAATGCCAGGCGGGCGACCAGCTGACTTT
AATGGAGCGAAATTCAAATCGCGGCTCGGCCTGGCAAGCAATTGGCTCCGCGTTCCTGCG
TTGCCGTCGACGCCAACCGTGTTCCATAGGGGCAAAATACACTACAACCAGATAAAGCTC
CGAGGCAATTGGAAATGTTGCAAACAGCTCCATATTGAGCGCGCGCGGCGTTACACCGGC

GCGAAAAGCTTCGACGACGTTTAAGACAGGACGGGTGGCTTCATCTCGCACGGCTGCATC
CTTTGACATCTCAAGTTACGCTAGTCCTGATGCGCTGCCGCTCCTTCCCGGTCGCGTGGA
ACCTTTCGATCTGGCAAACGCCAACATCACCACAACATGTAGCATTCGAATACCTGGGAC
TGTGACGTCTTCTAATCCGCCACGGCTTTTGCGTGTTCTTACCGAACTTGAACACAGTGG
ACATGGACAACAAACGCGGTCTGCTTACATCCGGCAGATGTCCGGCTACCGCTGATCTCC
ATTTGTGATGTCACCCACCCATACCTGTTCAGTACATTACACCGAGGCGATTGGAAGTTT
GCCCTGCGTTCACGGCAAACGCCTGGACTCTAGCAAGGAAGAGCTTGCATGCGCACAGAG
ACCAAGAGATCGGCAGATGTAGTCCCCGAAGATTGGTATACCAGATCCAATCGTATCGGA
ATGAAACGACGAGAAATTCGCCGTCACTGCATTCCCGTAATGCCCCCACGAAGGAGTTGC
CAGCCGCTCCACAGCCCTCACCCTGCGCTACCGTATCTCCAGGGACGGGTACCTGGAAAG
CCAAATGCTAGACGAGGCCCATAATACTATCCGTTCCCGCTGTTCATGGATGTTCCATAG
GATTTACCTTCCAGAACTCGAGCACCCTCAAGCGACATGACTTTCAACGTCGGCCTTGGA
ACTGAAGGCTCAGTTGAGCGCGGATGGGGACTTTGGCTCACCAGTGTCCTATCTGTTATT
ATCGCCGGTCTTTTCGTCAGCGCACGTCTAGCGCAGCGATTCATCAAGAGTAGCGGCCTG
GGAATGGACGACTACATGATCATCGCCGCCTTACTTTCATCAGTTTTACTCTCTGTAACA
GAGTGTCAAGGTCAGTGGGTCGGCACAAGTTTGGGAAATGGGTATTAACTTTGATCAGCT
GTGGTATATGGCTACGGGAGACATTGGAAAGATCTACCTGCCGACTCCCGCGTTATTGCT
CGCAAATGGTTCTATGGAGCGAATAGTGAGTTGACATCCATCAAATGCACACATCATCCC
AAAAGCATGCGGATCGCTCGGTTTTTCCGGTTTCTGAGATGCTGCGGGGAGGCACTTATT
GGAAATGGTGTGAATTTTGACTATGAATCTCACTGACTGTAGCAGTTGTTTACAAAGTCG
TTCTCATGTTCAACAAGATCTCTGTGGTTTGCCTGTACTACCGAATCTTCGCCATCACCA
CAAAGTCTTTCCGTATTGCCTGTCATATCATGAGTAAGTGGCTCGTTTCGGACTACAGAT
CATTGACTGACTCTACTGAAGACGCTTGGGTCATCATGACCGGTTTTGCTTTTACTATCG
CAACGGTTTTCCAATGTACGCCAATCGCCGCATTCTGGGACAAAACCATATCTGGAGCCA
GATGTTTCAAGAATGAACCCTGGTGGATTTCCTATGCCACTGTTCAAATTACAACCGACT
TCATGCTCCTTGCAATGCCTTTTCGAAGAATCCTAGGACTCTCCATGGGACGAGCCGAGA
AGTTGGGTGTGGCACTTGTTTTCGGTACGGGTGGCTTGTAGGTATCTGAGCCTCCATTTA
AAGCACCTTGCTGACTTCTCAGTGTCACTTTTGCGTCTATCTATCGTGCAACTACAATCG
CCAGGTCCGCAAACGATCCCGATCCGACCTGGGGCCCTGTTCCTGCTACAATATGGTCAG
TGATAGAAGCCAACGCTGGTATCATATGTGCCTGTCTCCCCATGCTCCGCGCTCCATTCG
TCCGCCTCTTTGGACCACTTTTTGGTTCGGTAGCCACCAAGGCCACCTCGAAGCGGCGGT
CGTACCCCATGGACTGGAAGAGCAACCACGGGCCAGCTGGCACTGGAAATAAGAGTAAGG
TATCTGGTAAAAGTGCATCTGAGCGCGAAAGCGAAGATGATGCATTGCCACCAAGTAGAC
CGAGTGAGCTCGGCCGCCGGGGCAGTGGCATCTTTGTCACGAACGAGTTCAGTATTGAGC
GCAACGAGTTACAAAAGCAAGAGACAGAGACACGGTCGTGCGAACAAGATGGCGACACTA
ACACTGCGCTGAGTGTGAACGAGGACAGGCCAGGTGGCAAGAGTCCCTTCTACCACGTCT
AAGCAAAAGGACCATATTGCTTCTTCTCGTCCCAGTGCTGTAACATTTCAGCACTAGCTC
TGCATGATAAAATATGCAGATTGCCGTCTAGCAGACAAGCTACACCTCTCGCCGACATGC
GTATCACGATCTTCAGCGTTTCCATCGGAAGGCGCCTCTCTAGTGTTCTTTCGGTCCTAT
ACCGCATAGCCGCTAGCGAACGAGACGGCCCAATTTGCAGAGGCCAAACCGCCAGCCGCT
TGTGTTCTGTCTACATATCGACAGTACGTTCACATACAGCATTGTTCTAGTCGAACAAAA
CGCAGGTGCTGCGTTGAACTCATCATCTTCCATGCCGATGCTGCGCCGTTGCGAAAAACG
CTTTGAACTAGGCGACGCTACGCACGCATACGCAGGTACGGATGGACGCTGAGCGACGTA
ATCATGGATACTACCGTCCGGGCCGCTTAGTTTGCGTGTCATGCCTTATGGACGATGCAT
TGCGCTTTAGAACCTATGATGGTCTATCGTCTGTGTCAAACTGCCGCAAGGGGCGTGAGC
TTGAAATTCGACTAGAGCAGAGTGCGCCAGGTCACAAGGTATCGTGCACGATACGTGCGA
GCAGCGAACGGTTCCAGTAATGCGACGGTCTCTTGTTCAGGACCTTTCAACGAAGGCCGC
GAGCCCTGTATTCCGGGTGCAGTACGACGCGACGCATACTGGGGCCCAAATCATTCCTAA
ATCATCGAGTAATCTTTATCGCGTCTTTTCTGTTGTGAGAAAATCTAGATAAGTACCCGA
GGTGACTACACAATCTAGATCGCGAGCTATGCAGCGAAAGACGGTGAAAATTTTGGCAGC
CAAATTTGCGGTCGCACGTTCATTCCCAACAAAGTGACAGGCCGAGCAGTGAGGCATTTG
TCTGACCTGGCGTTGGACACGTGTGGCGTCGAAAACAGATGGAATCTGCAGGAAAAGGCG
TGGCATACATTGTTGCAGTGCTTGGTTGCGGATACTGGCTTATTTTCACGAATGAAGATG
GTGCTAGGAAAGCCAAGTGAGGATAAACGGCTTGCCGATCCTTGCCCCGCTTCCTTTGTG
CACGCGGCTGCGCCACAGCTGGATATTGGTCTCTCCCCTCAGACGTCATGCGCACATGCA
ATGAATATCGACTTGACCTGATCCGTGATGCATCCTGATTTTCCTTCAGCTGGCGCACAA
GCTTCTGCAGCGCGACACCCTCATCCGCTCTACCATCGGTACCTTGTTAGCTGGACATCG
AAACCTACCCCGCCAACATGACGACGAAAAGTACGACCGACTTCGTCGAATCAACTGACC
CAGCCGGAGGGAAGTCCAAGGCCCAGATCCTCACCGACGTCTTCTCTCTCGCGACCCAAT
TCAGCACCTGTGTTGAGGCTTTCAACCTCATCCATCCCTCAAAAGATCAGGACCATGCGC
AAAAGGTTGTGCTTGCGAAACTTGGCCTACAGCAGGGCAGGTTGCTGATCTTTGGCGATG
CCGTGGGTATAACTGCGCCACCTGCGACAATTGCACGACACATGATACCCAGCCATCCTG
GCATCACAAATCCAGATCCACATGTGCCTGTACACTTTGGCGTCAGAGATTCGAGGCTTG
ACGAGGAGGTCATCAATGCGAAAGTCCGCAGGGCGCTCCATGAGATTGCGGGACGCCCAA
GTAGCATGTCGCGAGACGAACTGATGAATGTTTACGGCTTGAAGAGTCCAAAGACTTTCT
CGCGCCTCGAATATCCAGCACTAGACACGAACCGATTAGAAGGCTTCCGCGAGAAGTACA
CCCTGCTGAAGGATCTCCTAAATCAGACAGGTGCGCGAGCCAGTCTAAAGCGCAACCTCA
GCATGACGACCTCCCATTGGACGGTCAAGGACACCACACGCTTCAGCGAGTACGTCAAAG

TTGTACGCACCGAAGTCGATGCTCTCATCGATCTCATGGGCGTGAAAGAGCAGGTTGACC
GTGGAATTCGTTCCGATCTCAAGAGCATGGGGTGGCACCCAGACCTGACAGGTCCAGCAG
TGCGACAGGATTGGGAGAAACTGCGTTTGATTCGCGAAGCCTGTGTAGTCGACTATCCAG
AGTACATTGAAGTCATCGACAAAGCCATGCAGTACATCAGCGAAGAAGTCAAAGAATCAA
ATCTTGCTCGAAATCGCGCTGTGTTAGGCCTCTCAGAACCTAACATGGACGCAGCAGGTG
CGCGCCGGAAGTCAGACTACGACATCCGCTCAGCGCCTGCGCCTGCGCCCGTGCCTACAC
CCACCGCCGGATCCAAACCTTCCAAACCGGAAGCAAAATCTCATATCCAACTTGCCGCTG
AACGCGCCCTAAATCCAAATGCAGGCAAAGAAAAGCGCCCAGGCTGGCTCTCGGCCTTCA
AATTCAAGTCCTGGTCCAAGAGCAGCAAAACTGCACATGAGAAGCAGCGCTCAAACAGTG
TTCCACACACACCAACTGTAGACCCCCAACGCTCCCTCTCCGCAGGCGAAGCACCAAACC
AAACCTCAGAAGATTCCAACACTCTCCAGGCCGTGCGGTCCAAGTCGCTCAGCGCAATAC
CCAGCGATAGCACGCCACAGCCCCCACCATCAAATCTCGACTCTCGCGTCCGCAAGCTCA
GCCTTGACCACGGAGACATGGCGAATATTCCTCCCATCCAAGAAAACGGTGGTGAAGTAA
CTAGTTTCCCTGAAAGAAATGGACTGCCCGATTTCGATGCCGATATGGATAAGAACGCAC
TAGTGCAGGTTGATACAGCGAAGAGCGAGGGAAGCAAAGATGGGTTGGAGAATATCAAGA
CGGCAAATAGTTATATCGATCGGCATGATATGTATCCTGCTGTGGGACGAATTGAGACAA
AGGACATCAGGAACTTTGCGCATGCGCCGGGATTATAAGGCTGTTTAGTGGGGGTGTTTA
GATTGTCTAGCGACTTCAAAGGATAGTTGTGAATTCGAATAGCATAGGTACGCCCACAGG
AGAGGGTATTAATATAGTTGTGTTGTAATTTTGTAGCCATTTCGAGGTCAATCTGTATAT
ACTCATTGCGTTTGCAAAGCATGGAGCCTGAGGTATTTGGTTAGTTTTGTGGTTACCACA
GTTTCACGATGGGTTGCTTGATATGTCAAAGCTCACTGAGTATCTTCAGAATGTCCAACG
AATCCTAAGGTCATGAGCCATTTTGTTATACCTGTTCTACCAAATATGTCCCCTCCATAC
CCGCATGTGCGATTCGGGACTTGATGTGCACAAAGTTTATTTCGCTGTATTTGGCTGATC
ATCCTTAAGGACGACGTGATCCCATTGGAAATCCGGAAGCATTCTCAAAGATGCTACAAT
TTAGTAAACACTCTAATCTCTACGCACTTCTATTTATGCTTTTCGCCATTGCTCAGTTTT
CTCATACTCACGGTGAAGGTGACTTCGTGCCTAAATCCTCACCTTCACCTCGAGGTTGGG
CCCACCTTGCGATATCCTCTGGCCCACGTCGTCTTTACCGTCCTCTCACACCACCGTCAA
CTCATTTACCAAAACTCAAGGTAACGACTTTCAAGATTTGTTCTAACGCGATCGCTCTAA
TTCAGTTTAGATAATTGGGTTTCGGTACGCACCCGCGCAGTTGCAGTTGTTTGCCTCCTA
CGCCCAGTCGGGTCGCGACAGCAACAACAACAGTACCAAGCCACACCATCGAACGAAGTT
TTCCCAGCCAGAGCTACGCTTTAGATACCACTGGCGATTACGACTATGCCGCCCAAGGGA
CTCTACCGAATCCCAAAACATCATGTCGTTGGCCAAGGCACCTCAATGAAGCGTCAATCT
TTCAACAGCATGGACTTCAAAGAGGCGGAGAAGCCGGCGCCCGTTACGACGAACGACAGC
ACGACAGACGATTTTGTCAACAATGAAAGGGCTCAGCGAAAGCGCGAGAAGCGTGAGAGG
AAAGAAGCCAGGAAACTGAAGAAGGAAGCCAAGGCAGCTATGGCTGCTGCGGAAACAGGA
AAGCTGAAAGAGAAGCAGAACACCCCGCCAATCGACGCGACACCCGCCGCCACACCCGTC
AAGAATGGCAGGTACGGTCCATGTGGTCCTTATAAGAAGAGAGAGAAAGGCCCGGACGGA
ACTCCAGTTTCTGCTGCGAAGAAGCGGAAGAGAGAGACCGAGGTGCCTGTTGACAGTCCA
GCTGTCACTGGCAAAGGTCTCGCTGACGCCGACAATTGGCTCGGCCCCAACTTTAAGAAG
AACATGGAAGACAATAAGAAGTCCCTTGCTCGCCTCGCCTCTATCTTCGACCAGCGGATC
AATGAGAACGCTAAACTTACTGAGTCGCCCAGAAATAAGCCAGGAAGACCAGTGGGTTCG
GGCAAGAAGACCGTTGCTAAGACTATTGAGACTGAGATACCGAAGGCCAGCGATACTACG
AAGAAGGCCATCAAGTCTGACGAGATCAAGCCCAAGGCCAAGAGGCAGAAGCTGGAGAAA
ACACCTGTGGCTTCCAACGAGGAAAATGTGTCCAAGGTCAGCAAGACACCAATACCAGTT
CCGTCGGTCGCATCAGCCCTGCCTACCGAGCCGAAGAGCACACCAGTTCCACTTCCTCAG
AAGTCTCTTGGTGCTTTGACGCGCAGTGTGAGCGAGTCACCGATAAAGAAGAACAAGATA
GACCTTCGAGAGTCTGAAGTCCTTGTCAGCGAGACCCCTCTCTCACAAATGAGCCGTACA
CCTGCAACCACTCCTCGCGTACAAGCAATCCCGTTTAGTCTCAGACCCGCAGTTACCACG
TCCAAGGAAACCAGCAAAGCTCCTGGCACCCTTGAGTCTTCTCCCGAAATTCCCCTCATG
ATTTACACCAAATCCCCAGAGGCCCGAAAGCGCATTGTTGGCAGCCAAGGTTCCGTGAAC
CCGCTCACCAATAGTCAGGTCGACAGTCTTACCACTGCGAACCTCATGCGGTTCAAAGAA
CCTCTCAGAGACACTCCGAAGCCGCGTCCTCGAGGCCGTCGTTCCGTTAGCGAGGCACCT
AGCACTTCTTCTAGCAGCTCCTCCACCACATCAAGGACCATTCGCGACATGTTAATGCGT
CCAAATAAACCATACACACGTCCCAGCAACGAGATCTCTCCCTTCAACAACAAGAAGAAG
CACATTGAAAGGCATGACGAAGCCAATCTTGCCACTTTCTCTAGCACATTCACGGCTTCC
CGCCGAACCGTCAATTTTACCGATGAGGCAGCATACCTTGACGAGTACGACGAGTGGCTC
TCCGACAGCGAAGCAGCAGGTACCCTCCCTTGCTTGAAACAAGCCTCAGGATGCACGGCC
AAATCCGAGCAACTGCTCCAGCTCCAACGTTCGGACGACACCTCAGCATTCAAAGTGATC
ATCACAAATGAAACCGAAACTGAGAATACGGCGTCTGACATTGCGCGCGTTAAAGCCGCG
TCCACCTTCCTGCGCTACAGCATCCTGACACGCATCCCCATACCGCTGGGCTCCATCGAA
GGAACGTTTAAGCTCTACTGCCCCAAGTACACCACTACCCATGTCGACAAGTACGGGTTC
GGTCAACGCACTTTGAACATCACCTCCATCGCCGGTCTAAATCCCATGTCGGGAGCCTAT
ACAGCGCGTCTCTCTATTCCACCTCGCTCCATGCCGTACCCGATCCAAGCGTTCGAAGCC
CCACCCCACGCTTCGTTCCGCACCATCACGCTCAAGACAGTTGCTGAGCGGTATAGAATG
GACGTCATGTTCTTGGGTAATGGNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNAGGCGGTTGTCTGGGAACCGACGGTTG
ATGAGTTGGAAAAGGAGGGAAGGAAGTTGGTTGCCAAGTATGAAGGTCGTTAATGTGGAA

GTATGGAGTCGTGAAGTGGTTGGCGTGAGTTCATGGTTGGTCGGTGTAGGAAATGAGAAA
GGTTATCTGGAATGTGGGCTACCGGCGGGCAGAGGTAGAGTCGGCGAGATGTTTGCATTG
ATGGGACCTCGGGTATGGCTTGGGCTTGCCTGGCGGAATCTATTCAAGTTTGACTAGAGC
TTCGCAGATGTTGCCTAGGTTTGTCACGTTACCATCGCATCCATATGGATACTGAGTGTC
GCCTCGGTGCCCTCATATACTAGTCTTGTTAGTTTACGACTGGATACAGTAAATAGGCGA
GATGATTTGCCACGGAGATTGGAGAGCCGCATCCGTGTTCCGATAACGGTCTGAACATCG
CCAGTTTACCCCAGCTCTTGCACCTACAACACTCTCGAAATACATGCAGTACCCACATAT
ACTCATTCGGCTGTGGCGTGACTGTTGCTCTATTCATGTTGTTTACATCTACATCTACCA
CTTGTCTTTGAACAAAGCAAAAACTCCTAATCTCATGCAAAAGGTATCAAAACACTCCTC
TCCTCGCTGCTTCTTTGACTCCTTGCTGTCCCACCTCTTGCTTCTATATGCAAAGTGATC
ATGATATGCGTTCTTTGACTAGATCGGATCGGAGATGTGGGCGTCCGTCAGCGCGTTTCA
GCGAGCGAGAGGGAGAAGAAGAGGAAGAGAACATCTAGTCCTTCTTCGCCCTGCCGTTCT
GTTGTTCAGCGAGCTCCAACTTCTCGTTACCCTTTTGGATGAAGAATTTGCGTTCGAGGA
ACTTGAGGCCCTCGTCGATGATGCTGAAAACATGTTAGCGATTGCTCATTCTGTAGCCTT
TGGCACAAGGCGTGAAATGTGACTTACATGATTGGCGCGCTGATCGCCATGACCGCTTTC
CACTCGTTGCCGTCCAGCGGGATGACGCTGAACAGCCCTTGCAAGAATGGGACGTAGAGA
AGTGCAAAGTGCAAAGCCATGCTCAAACAAATGGCATAAACAAGGATCATGTTCTCCCAA
AGCGGTAATGTAAGCAGACTCTCTGAGCTGCTCAATGCGTTCATGGCATTGAGCATCTCG
ATGACGACCAAAATGCTCAGACTAACAGTAGAGGCAGCTTGGGCAGACGAGTTGCTGAAC
ATCTCACAACCAATCTCAGGGAACTGGGTCGAGCAGCGGTGGAAGTGGCGGAGCTGGTAG
AAGGAGATCTGGGGCCCATCGCTATTGAACATGAACCACCACGCGTAGCCACCGACAGTC
GCAGCGCCGACGTAGGTACCAATAACCATGTAGCGGAAGAACAACCAGCCACTGATGAGA
GGCTCGTCGCGCTTGCGGGGTTGGCGCTTCATTACATCATGGTCTGGAGGGTTGAAAGAG
AGAGCGGTAGCGGGGAGACCATCGGTGACGAGATTGACCCAGAGGAGTTGAACAGGGATC
AGAGCCTCAGGCATACCCATAGCGGCAGTCAGGAAGATAGAGACGACTTCTCCGATGTTG
GAAGAGATGAGGTAGCGGATGAACTGTTGAGTGTTGTTGTAGATGGAACGACCTTCTTCA
ACGGCACCTTCGATGGTGGCAAAGTTGTCGTCTACAAGCACCATGTCCGCGGCGAGCTTG
GCTACATCGGTTCCGGACCCCATAGCAACACCAATATCAGCTTTCTTGAGAGCAGGCGCG
TCGTTGACACCGTCACCAGTCATAGCAACAACCTCACCGGCTTGTTGGAGAAGGTCGACG
AGTTTGGATTTGTGTGTTGGCTCAGTGCGGGAGAAGAGGCTGGCGTGCTTGGCGGCTTCC
ATCTTCTCGGACTCGGAAAGGTCGTCGAATTGGCGACCTGTGAAAGACTTGCCAGTGAGA
TCTTCATTGGGGCCAAAGACACCGATTTGACGGCAGATGGACTCGGCAGTGTTCTGATTG
TCTCCAGTGATGACTACAACACGGATACCAGCGGAGCGGCACTTGGCGATTGAGTCGCGG
ACTTCAGGGCGGGGAGGGTCCAACATGCCGACGAGACCGATGAGAGTCATCTTCTGCTCC
AGCTGGGTGTATTCCTTGGTAGTCTTAGCCTTTGCCAGAAGTGGGTTCGATTCAATGTCT
TCAACAGACGCTACAGCAATGACACGAAGACCACGGTTGCCGTACTCGACAATTTCCTTG
TTGATAAGGGTAGAAAGTTGCTTGCTCATGGGCATCTTCTTTCCGTTCTTGCCGACAATG
ACATTGGTGCAACGATCAAGAATCGATTCCGGGGCGCCCTTGACGAGTAGTTTCTGCGAG
TTACCATTCTTGACTAGAACAGACATGCTCTTACGGTCGCGAGAGAACTCATAGGTGGCT
AGGCGGGGGTAGTGGCTTTCGTAGTGCTTGGTAGAGAAATCGAGAAGTCCTTCTGGCGAA
GTGCTGGCGCGGGTCGCGTTATGGGCGATATCTGGAGTGCCAACCTTCTCAACTAAGACG
CGGAGAGCACCCTCGGTAGGCTCACCGACAAGGTTGTAAGTACCATTCTTGGAGTCGTAG
GCAAGGGCTGCGTCGTTGCAAAGTGCGGTAACTTCACAAATCTGGCGAACGGTGTCGGAT
TGAGCAGCAAGGTTCTCAAGGGGTTTGCCACGGAGGGAGACCTGACCCTCAGGGGCGAAG
CTGGTGCCTTCAATATCAAATTCTTCGAGGCCACTACCTTGTTCGTTGAGGAAGACCATC
TTGTTGACGCTCATCTGGTTGGTGGTAAGAGTACCTGTCTTGTCGGAGCAAATGACGCTG
CAGCTACCAAGTGTCTCGACAGAAGGCAGGCTTCGCACAACGGCGTTTCTTGCAGCCATC
TTGCGCGTTCCCAGAGCCAAGCAAGTTGTGATGACGACGGCCAGACCTTCGGGAATAGCA
GCGACACCGAGAGAAACGGCAATCTTAAGATAGTAGATGGCGCCTTTGGTGAAGCTGCCG
TGCGAAGGGTCGTTGAAGTTGCCAATGTTGATGAGCCAGACGAGGATGCAGATAGCCGTG
ATGACCTTTGCGAGCTGGTCGCCGAAGTCGTTGAGCTTCTCCTTGAGGGGGGTGGGCTGT
GAGATCTGTGCCGTGATGCTCTCGTGGATGTCTCCAATCGCCGTGTTACCACCGGTCAGG
ACTACCAGCGCAGTCGCATGCCCCGTAACAACCGTAGTACCCGAGAAGAGCATATTGACC
TGATCCTGCTTGACAGCGTTCTCATCCTTGACGGCCCTGGTATCCTTGGATACACTCTCG
CTCTCTCCAGTCAAGATGGACTGGTCGATGTTGAAGCTGTTGCTAGAAATGGACAGGATC
CTGCAATCAGCGGGTATCCTGTCACCGATTGTGACCGAGATGACATCTCCGGGGACCAGC
TCGTCGGCCTTTACGCGTTTGACATGTCCGTCACGTACGACTTTCGCTTCGTTGGCCGAG
TATTCCTGGAGGGCTGCAATGGCCTTTTCGGCGCTAGTTTCTTGCGATACTCCGACGACG
GCGTTTAGAATAAGGATGGTGAGGATCTGTAGGCATGCACGTCAGCGCAGGTACATGTAA
CGTCGTCGCCTGGTACGTACAACTGCCGGGTCCACGAATGCGGTCCAGCCTTCTTCCTCT
TCGAAGAGGGCCAGTACAAACGACACTGCTGCCGAGCCTAGCAAGATGATGACAAGCTGG
TCTTTGAACTGCTCGAGGATGAGCTCCCAGATGGGTGTTGGTGGGTCTTCTGGCAGCGCT
GTTCTCTGTGTCAGCAGTCGTCGTCGCGGTCTAGGGGAATAGTAACACACCATTCTTTCC
ATGCTTCTCCCTCGCGCTTTGCACCTGCTGTGCGCTGAGACCTTTCTGCTCCTCGACCTG
GAAATACTTCAGCGCCTCAGCGGGCGTCTTGGTGTACGCATTCTCCATGCCCACTGCTCT
GATCACCGGCTTATTTTCGCTCAATACACCACTTGTTCAACGAGACGCTGTCTGGTGGCT
CAATCGTTGTGTGGTAGTGTTGTTCGCAGGGATATGTCGGTTCTAGAAATGTCGAGGCTC
GCAAGTCGCAGGTATCTTCGCCTATGACGTTGAGAGGAACTTTGACAACCTTCGCGTGAT

TACTTCAAGCACAAAGGGAGGGACTGTATTTTCCTGGCGCAAGTAAAGTCGCAGGAGAAG
ACGATAGAAGATTCTGCGATTGTCCACGGCAGAAACGGCTGTACTGGCGGCGCAACAGCA
CTTGTCTCGACTTCGGCGCGTCCCAAGAAATCTGTCCTCTAATCGACCCGCAAGCGCAAG
GGGCTAGTGCTGTGGCGCATGCTCACCAGCCACTTTTCGCCGATAACCACGTTTCGCCCA
AGTCGCTTCCAATTCGTCCATGTCTTCGAGTTTCCCTTTGATCGGTATCATTTCACTTGC
AGTCAATTGTGGCTGGTGAAAATCTGGGGTTTGCGCCGTTCGCAGCGAGTCTGAAATGCA
TGGGGTGCGGGCAGATTCCGACAACGTGCTGTGCTCGGCCTGTTCGGCGGCCATGCCCCA
CGATTCAAGGCCCCCACCTTCGACATCACCACTGCACCTCACCTGGGCAAGACTGCCGTG
CCTGCGGGTCTAGCTCGGCAATCCGGGTCTGAGCAGAGCCTCACCAAGCAACGCGTCGTC
ATCACTGCAGAGTCACTTGTGGGTCGAGGAATGATTGAGTAAAATGTTTAACGTTTCGTT
GTATTCGAGTAGCCCGCATATGCTACTGTAACCCATAACCAAGGTCATCCCAACATGCAA
AATTCATCAAAGGGTATTATAGCCCACCATAGGTATCCCGCTCGTTGAACGCCGCAAAAC
AAAGGCCCTCCAAAGGGCTGGTCAAATGCTATCGTGATCGTCGTGTACCCAGTCCGATCC
AATCATGCCCGCTTTCTAACATGATCACCTGTATGGTGTACAACTATAATGTGTATAACG
TGAATAGAACCAGGCAGCCAGAGCGCCGTGGGAGAAGTAAAAGTGGCAAGCTTATTGGCT
TGCGCAGTATGTCCGAATCAATCGGGCAATGTCTCGTGTGATGAAGGGCTTGGTGACAAA
GCCTTTCATGCCACTCTTGACTGCTTTGTCAAGAGCGGCGTCTGTAATGTCCGCGCTCAC
CGCCAGAATGGTCGGCTTCCGCTCAAGCTCTGGCATCTTCAGAATCACCTCAGTGGCTTG
GAAGCCGTCCAACAACGGCATCCAAAGGTCCATGAGGACAACGTCAAAGGACTCAGTCGC
CGGGCCGAGAGCATTGCGACGAACAGTCTCAACGGCGTCGTTACCGTTGAATGCCGTAGT
GATGTTCTTGTAGCCCAGTCTACCCAGCATGCTTACCAGCACACGTCGGTTGATGGCGTT
GTCGTCTACGACTAGAATGTTCAGAGGCAGTTGAACGCCCAGATCAGATGGCACAACGTC
CCTCTCTGAAGATAGAGCGCGAGTGGCGTGTTGTTGTCGGGGAGGAGACAAGGTGCGGCG
GGGGGTAGCGAGGCCGATATCTTCTGGCGATGTTGCAGAGCGGACAGTGATGACAGGTGT
AATTGGCGGCTGACGTTCGCGATCACTCTTGAATGATTCAGAACTTAAGGGAGGAGTGAC
GGGGCCACGGCCGAGGTCCAGGTGGGGTACTTCCGGATCGATAGACATGCGGGATTTGAT
GGAAAGTGTAGGGGATCCAAAAGGCGTTGCAGGGCGACTGCAAATCTCGCCTGGGGTAAG
CGGGACTCTCATCTCGAATTCCGACCCTCTCCCTGGCCCAGAAACATGCGAACGGAGACA
GAAGAGATCACCACCTAGTTTCCTTGCAATCCCCTTGGCGACCATTAGACCAAGACCCAG
TCCCTCACTCTGTCGTGTCATCGAATCGTCTTCTCTCGAGAATGGTTTGAACAGGTTAGG
TAGGAAAGCTGCGGGGATGCCAGAGCCAGTATCTTTGATATTGATGACAATGTAACGGCC
TTTTGCGCTGAGTGTCGCTTGAAGTGTGATGGATCCATCCTGTGTGAACTTGATAGCATT
AAGAGCGAGGCAGGAGACCATCTTGGCGAGATCCCGTTCATCGATGACAATCGTCTCTGG
GACATCGGCAGAGACGGTCCACTCGATCCATTTAGTATGTGCCTCTCCGTTTGAGCTACG
TGTTCGGACTTCAATGCGCTCTCCTGTGTCGGTAGCCTCAGCAATGGCGGAATCCGGCCT
TCCTCCCACTTTGAGCGCATCGTTAATGACGTATTGAAGCACTTCTCTTAGATTGGTATG
TCGGAGACCGGGAACTTTGGAATGTTCGGATGCGAAGATGGGCGAGGTGGTTGAATCGCA
CTTGCCTAACGAGGTTCCATGCGAGCAGGTGTGGTCCAGTCGGTCTAGTTCCAGAGCGCT
TGCGTCTGGGGGGCACGACTTAGTGCCGCGCTTGGGGGGCTCCTCTGAAAAGGTGTCTCG
AACTCGTTGGCGAGCATTCTTGGCAACGCGTGTCTTGTTGGCATGGTCTGCCCAAGAAAC
CTCGTGTCTCCTCCTCTTGATGCCGCGTAATGGAGCACGCATGTCGTTACCAGTGATCAT
CAAATCGGGTCGCATCTCACGCCAGAAAGTGTTCCACTGGTCCGGAGTCTTGTCGAGTGG
CGAAAGTGGGGTCTCTGGAACACCCATGTTCATGTCGTAGGCATGGACGACATTATCGGC
TGCCTCGACTGCACGTCTTGAGCTGTCTAGAGTAGTATCAGTATGGAGCCATCACTACAG
GTTCTTCAACGAGTTGTTACACACCTTGGACAGCTTCAATGTTCTCCCTGAGTGTGTCGA
GTATCTCACGGGTCCGTGATTCGAGCTGCAATGATTCTGATGCTTCTTTTACGTTTGCCA
TCATAACATCCAGCATACCAACAACGCCCTGCATTGGCGTCCTTAATTCATGGGATAAGC
TCCGGGCGTAGGGCTTCAACGATTGAGCCGCCGAGACGGCTCTGTGCGGCACGATCCTGG
GTATCTCGGCTTGAATTGATTCTGCTGACTTTGCAAACTCGTTGCCTTCCAATACGCGTT
CTAGAATCATGTCTTCCAGGCTATGGAACAGCATTTCGAGGAACCCCCAGCTCAACACAC
GACGAGCTGCGCCCTCTTTTCCCCACATGACACCGAAATGAGCGAAGCACTTTCCCTCGG
TAAACAAAGGGATTCCAAGGTAAGCCTCTCCGGGAATGATCAGGTCATTTGGGTTGTCGA
GGATGAAATCGTTTAATCTTTCGGGAATGATGAAGACCTTGTCGTGCTTCATGTAGGCAC
ACGGACATTGGTAGGCATGGTATTTGAAGTTTCTCAGATGGCCGGGTCCGTTGCCATGGT
CGTCGTTGATGTAAAAGGCCTCGCCCATGAGGCATGCTCCAGGCTCTCCAATGGGGGGCA
GTTCGACAGCAACATTCTTATCATCAACCAGTATTCTCTTGGACACAAAAGCGTACTGAG
CATCGGCAATTTTGGCGAGGCCTTGGGTGAGCTGAATCCAGAAGCTGTCGGTGTCGGCTT
TGCGGAGGGAGTCCTTTAGTTTGACGAGTTGCTCGGCGGCGTTGCTCTCTGCGGGGACAT
ATAGCTGTGACAGTTCTTCTCTGAAGCCGTTCTCTCCTTGTTGCACGACCATGCCTGGCT
CTGGGCGAGAGAAGCAGAGCGACTGGCGCTCGATTATATCAGGTGGGATGGTAGTAAGTC
CCTCCATCTTTCAGAATCCCATGCGGGCAATCGGCACGGGCGTCCAGGATGGGCACAGGG
GTGTTGGTCAGACGAAGTGCGAAGTTGGACAACGATATGCAGAGGGCTACGAAGGAAGTC
GGAAATGCATGCGGAAGCGGATTAGTAACGGTGTGTGGGAGGGCGAGGAATGCGTGATGT
GCGGGACAGAGAGAAGGAAGGCGAGAAATGGCAGGCACGGCGGGCAGTCAGCGATATGGT
TGGTCTTTTGCTAGAGTCGCACATAAGAGGGCTGGTGGACGATCTAGAACCTGACCCGGA
GCCATGGCTTTGCGCGTCCTTGCACCCTCCAGGCCCGCCCCCGTTGGGTGGTAGTGACAG
TCGGCTGCGCTGCTGTTTGCCTGCACGCGGTCAAAACCACCGTGGGCCCCAACTCGTGTC
TACGTTTCGAGTTGAGGCTCGTCGTGCTGCCCGTCCGCCTGCCATGCCGCTCCCCTCCCA

CGGTCGTCGTGATGGATGGCGGCACATTGATGCTGAGCGTCGAGGGACCCTGGGTGGCTT
CGGTCAGCACACACAGTGGGTCGCGCCTGCTGGAACAGTCTAGACGCACTCGGCTCCCGG
TCGCTCCTGCACGATTTCCAGCGCTACCCCAGTAGCCCCTTCCGCTTCGGCCCCTATGCA
AACCTCGCCCGCACACAGTCTGCAGTCACCGCCGACCTTGACGCCTGGCCCTACGCCATG
ACGATTACTGTCCGCCCGCCCAGCGCTCCAATCCGGATAATGCGAACATGCCAATTACGC
TTTTCGCCCTCGTCTTGCTTTTTTGCCCATCCAGAGCATATGCTTTATTGTGGCGGCCAA
AAGCTACCGCCGACTGCCCAACAACTGCTAACCACTGCTAACTGCCTAACATGTACACAG
CATCCGCGCCTCGACACAGCCGCACTCGCAGCTCGCGGCCCTTCCTCCTGCTTGACGTCA
GCGGCTCCAGCTCCGCCTACGCATCTTACCGCGCCCGTTTGCTGCGTCCATGTAGCTTCC
CCATGAAGCCGCACTGCCGTCGCACAGTGCTGGTAGAGGGTCAACGATACACCGGGCTTA
GCGCCTCGTCTTACACGACACCAGATCGACGATCGGCCGAAACAGAACCTAGCGCTCTTT
GTTCTGCTGTCTGCTCGTGCTTCCGTCTTCCATCGCTGCCCTCGCGCTGCAAGCTTCGAC
ACCCTCTCGACCAGTCGCCTGTCCTGAGAGTGCCCTCTTTTTGGACACCGTTGACGCAGC
TTCCGCTTCACTCTGCGACGCCGTCCCTCTGCAGCCCACCTGCGCATTCGGCCCTCGAGC
AAACATTAACGTGTCATCTTTACAAGTCCAGGCCTCAGGCTGCATGCTCGGTCTTTTGCT
ACTCTTATTCCCCGCGCTAGCCATAATCCAGCCTGGTCTGACGAATCACCCGCCGTCCCT
CCGCTGTCCCGTATTCAAATTCACACGCGTAGTCTGCTGGCTTAACTTCCGCCAACGTCC
AAAGGCCCTCAAGAGGCCTGAGTCCAGAGTAACGTTACATGGTGTCTTCTTACAGCAACA
ACGTCGTCGACTTTTCCGGCCCCGTGGGTGTGCTCCTGTTTGGGAACCTGTCGCACCAAG
CATTGGCCAACTAATCAGAACATGATCGACAAGGCATCGTGAACGGCGTGCTCCCATGCG
AGTAATGATGTGCACCGTGTGCCGATCGACCTCTCTAGCTGTCTCGCTGCAGGGGCGCTG
GCCATGTCAGCTTGATGCACCTCTTCTTCCTTTTGTTTTCCCTTTTGTCTTGACCGACAT
CACCTGTGCGTGCCTATGAATACTTGCCGCTACCAAGCTGACATCTGAGGAGAGCTGTCG
ACATGTTCGACGCCTGGCGTGCGGCTGCCCAATTTTCCGGCGCTAGCTGCACCGGACCAC
TGCAGAAGGAGCAGCCACAAAACATGAAAGCTGCCAGTACCCGCTCCATCACGTTGCTAG
GACCTTTCCAGCACATGTCGGCGTCTTGGTTCTCACCGCAACTGCTTTGAGAGTGGAGAG
GTACTCTTCGAGCTCACGGCCGGGCAGCCGTAGCATCTAGATCGTGAGGCGAACATCGTC
GAATTTTTACAGTCACTCCTCAAGATCTTGCATACATCCACGACCCACTCATTGGGTCAA
AGCAACGCGCTTGCCAATCACGCCTCTGCCAACGCGCGTTGACACCGAATGAGCGACACT
ATGATATCTTGGTTTGTCATATCTCGCGAGTCCAAAAGCACATGAACCATGGTACACATC
TGACATGCCGCGCTAGAAGCTCTACCCGCGGAGCCGTCTAGATGTCTAGACCATCGCCCC
AAGGTTTTTCCGCTACACGCCTTTACTGCAAGCCTGGTATCACCACCAGGCTCTCCATGT
TGAGCAACTACGCAAGAGGCTTCACAATACATACATAGTACAATGGAGATCCGCTCTGCT
ATCATGACGACATGGACACCCATGTTCGATGTTAATTCATCAGGCCCATTGCTCAAAACT
CTTGGCAACGGTCTGGACCTACCCATATCGGGCGCCTGGTCTGTCTCGTCGATACCAAGG
GCTTCACGACCGTGCTCTACATGATACGCTTGTATCGACAGCTGACATTAGTTAATTGAG
AACGCGCAGTCCAGACGGTATTGCAATCTTCATGCCCACAAATAATGAATCGTTTTTGCA
GTCAACGACACCGCATGAGCCGCAACATCTTAAACGGCTGCGGTCCGCTCCAGAGCAAGA
TGTCCCCTGCCACTCCGCCCAAGACACAAAGCAGGCACGGTAAGCTCAGGGCGACAGTGC
ACTTTGTTCGGCCGACCAAAGCTAGACGGCAATGATGACACGCCTAGACTTTGACAGACT
TTGGGTAGCTCCTGCACACCCCTTGCGCCTCTCACTGTTGCACCGCGTCATGAACTTCGA
ATGTGGCTGTCGTGAAGCCACGGAGAGTCCAGAACATCTCTATCCCACTATATACCATCG
TGTCTACTTGGTCTATTGATGGCTTGCACAGTCCGGGCCGCGAACGTGCCGAGTTCCGGA
CCGTCTCAAGGTTAGAGCACGACGTCTTTTGCGGCACGAATCACTACTACTATAAGCACC
GAGATTTGACCGAATACCTGCTCGGCTGCTTCGTGAGAGTGTTCCTTACACCATGCACAG
AGCATCGAAAAGTCGGCGTGTCGCAAAGTTAAACATCGATAGACTCGACGAGCTTGCCTC
TGCCTACTCTGGGTGTCGAAGTATATACTAAAGCATATTGTACAGAATCGGTGGATGTCG
GGATAAGGTCGGTCTCATCAAGAAGTAGACAGTCACATTCAATCACATTGTCTGTAGGAC
AGATCATATCAAATCATTCGTAGGGTGCACAGACGATCCTGTGTGACAATACCGAAGTCT
TTACACTCACTCAACAAACTGGAAATGCAATGCTACAAAATGTCTTTGACGGTAGCTTCT
AATCACCCAATATATGAGCATTGCAAGGCTTGATAGGGCTGTATCCTTTTGATACGTGGA
ACAAGGTAACACAAGTAAGTCGTTCCAGCGTACGTATACGTCGACACCTCGCTCAAGATG
TGATATCATTTGATCACAACATCAGCATCGGTATGAGTACGTATGACAAACACAACAGCT
ATCACATTCTACCAAGTCAAACAAGTGAACAGGTAAGTACATCTCAAACACATTCAACGC
TACCATCGCCCTACTTGATACGCGACTCGAACTCTCCATGCTCTCCTACTTCCCCCCCCA
AAAAATATTATGCATCCATCACTCGCAGCCCCGCAATTCTCCTTCACCACCTTCATCATC
ATACTCCTAATACCCTCCACCGCCATCGCCTCTGCCATCGCAAAGTCCGCTTGTACTATT
TCAGCACTATCAACAACAACAGCAACAACGACGATGGCCACCAACACCACCATCGAAACA
TCCTCTTGGGCTACGTTCCCCTCCCCTAGAACAGCCAGCACCACAGTTGCCGCCTTCCCC
GCTACTACCACAACAGCGCTCTGGCAAATTGACCCCATGTGCCTCCCTGGTGTAGCCCAA
TGCCACCATTTCGGCGACCGCTTCCGATACTGCAATGCAACGGGTTACTGGGTCCCAAAC
TACTGTGGTGGGGATTGGATCTGCTGTGCGTATAGTAGCCGGAACGGTATTGGGCCTATG
TGTGAGGACAGGGCGGAATGTGAAGTTGTTGGGCGACCGGGGATGATGGGGCTAGAAAGA
TGGGAGTAGCTGAGGGCATGAGTGATAGAAGTAACATGAACAAACTGGGTAAGGTCTGAG
ACTCTTTGCAATGGCTCTGTGAGTGGTGAACTTGATCTAGATTGTCATCGAAGAATGGAC
CAGGCAGCAGTAATGCAAGGACATGTTTCTACCATACCATTCTATTTGGAGATGATCGTC
CAGATGAGCACATTCATCCTCCAAGTTGTCAACTGCACATGTAGTAATATGCCTCCAGAC
CTCTACCGATCCTGCAAGCCACGACATATCCTCATATGCTATGGAATCTACTACTAGGAG

TTCAGAACTACAGACTGGCACAGAAGATGTATGTTTACTGCCCCAGAAGGCTTTTTCGTG
TTGATGTTTGGGAAGTGTGCAGAAGTTGGCATTTGTATACCGCCGGGCTTGCTGAGAGTA
GCTTGGATTGGTTCGACATGTGAGGCTGCGTCTATACCAGCTCTGGCAGCTTGAAGCAAA
GAGGCTACTGTGTTGGAGAATTGCGACGACTATAGCAGTTGACCTGATCTGCTGACATCT
GAGTTTCTCGACAGTCCAACTCTGGAAGCGCAGTTACCTCGTGCGAAAATGCTCCAGGAA
TTGTTGCAGCATTGTGTTTCTTGAGGCTATGCTCAAGTCAAACTTGATGGCAAGCAGAGC
AATAGTCGCTTCAGTGTTCGATGCGAAATAAAAAAATCATGGTGTAGGATATATCGTTGC
ATTTTGTATACATATTTCCTTTGCTCTTAACTCATTATTCGTCGCATTTCCTCACAACGC
TAACACTACCGGACCCTGCAAAAGAAGCGCTTACAAGTTAACGGCGGTCCTGAAGTTGTT
ACCGGCGTAGACGGCGTTGTCACCAAGCTCCTCCTCGATACGGAGGATCTGGTTGAGCTT
AGCGAGACGCTCAGATCGGGCAGGTGCACCAGTCTTGATCTGGCCGGATCGCAGTCCGAC
GACAATGTCGGCAATGGTGACATCCTCAGTCTCGCCAGAGCGGTGAGAAACCATGACACC
CCAGCCAGCGCCGAAAGCGTCCTTGGCAGCCTGGATGGCCTCAGTGATGGTACCGATCTG
GTTGACCTTGAGGAGGAGAGCATTGCAAGACTTGAGCTCAATGGCCTTCTTGATGAACTC
GGGGTTGGTGACGGTCAAGTCATCACCAACGATCTGGCCGTCGTAGGTCTTGAAGAAGTA
AGACCAAGCCTCCCAGTCATCCTCAGCGAAGGGGTCCTCGATGCTGACAATGGGGTACTT
CTCGGCCAGGGACTTGTACATCTCGGCGAGTTGTTCGTATGTGAGCCACTTGCTCTTGTC
GCTGTCGGGGTTCTTGAAGTCAAGATCGTACTTCTTCTCGTCGGCCTTGTAGAATTCACT
TGATGCGACATCCATGGCGATCTTGATCTTGCCAGTGTAGCCGGCCTCCTCAATGGCCTT
AGTGATGAGGTCAAGGGCCTCCTCGGCGGTCTGGATGTCAGGGGCAACACCACCCTCGTC
ACCGACGTTTCCAGCGGACTGTCCGTAGGTCTTCTTGGCAAGGGCCTTGAGCTTCTGGTA
GACTTCGGCTCCCTGGCGCATGGCCTCGGAGAAGGTAGGGGCCTCACTGGAGGTCGTCAG
TATGGGCTAGAACTGTATGCGGAAAGATGACCTACCAAGGAACGATCATGAACTCTTGGA
AAGCAAGACGGCCACCAGCGTGCGAGCCACCGTTGAGGACGTTTTGGACTGCATAGTCAG
TAAAATGCCTCTACTTGTCAACTTCAGTTCACCTACAGGGTACAGGGAGAACGTAGGGCT
TCTTGGTGCCAGCCAAGTCGGAGATGTGTGCGTAGAGAGGTACACCCTTCTCGGCGGCAG
CGGCCTTTGCAATGGCCATTGAGACACCGAGGATGGCGTTGGCGCCCAGGTTGGTCTTGT
TTGTGGTGCCATCGAGCTTGTTGAGGAACGCGTCTACGGCGGACTGGTCCTTGACGTCGA
GCTTCTCCTTGATGAGAGCAGGGGCAATGGTGTCGTTGACGTTGGCGACAGCCTTGGTGA
CACCCTTACCACCCCACTTGGACTTGTCTCCATCGCGGAGTTCGCAAGCCTCGTGGGAGC
CAGTGGAGGCACCGGAGGGGACGATGGCGCGGTGAAGGCCGGTCTCGGTGACAATGTCAA
CCTCGACAGTCGGGTTACCCTGGAGATGTTAGCAACGAAGCTTGACAAGCACAAATGTCT
GCAAACGTACCCGAGAGTCGTAGACGGAGCGGGCGTGGATCTTGGTGATGGTCATGGTGA
AGGATTGCTGTTGAGAAAGTCAATTGGAGAGTTGGGGAGCCGCAAAGTGCAAGGCAGGAG
ATATAGAAGGCGACCGGATGCGCGGGCAGCAATGTCCGGCCGCGGATAGGATGCCGAGCA
GAAAATTCGACTTACTAGTTGTATATGTAAGATCAAGTGTCGGTGTTGTTTTGTTTGGGT
GGGGTGTTCCAGAGCTTAAGAGTCCAGCAAGGTTTTGGAGGGGTTGCTCAGCAGAATTCA
GCCCCGCTATGACGCCGTCGCCTCATTGGTAGCCACCCACGGCCTCTTTGTAAAAGTGTG
CATTAACATTATCGCAAAAGCATCGAGTGGGACGACGCGCAAGCTGGTTTGGGGGTCTGT
GGGATACAATTGATACATGTCGGTGATACATGCAGTCCTTGGCCCTGTCCGTTGTGAACG
GGAGATCGTCGTCCAAGGTAGCTTCTCCTGCGGGATTCAAAACTTCAGAGCACTCCTTGA
GGAAATACCAAGGAATGTCAGACAAGTGCGATACAACGTCTTCGCAGCCAAGCCAGGCGA
AACAGTAGCTCTCATGGGCACCGGTGAAGGATTCGAGTAGATGCAGAACCAGCCCAACAC
AACGTTGACCTGTTTGGTTTGTTGCATGCAGCTGTAGCCAATGTTGCAGGTTCGCAAGGT
ACCGTGAGTATCCTGTGAGCATCATCACGGCTATTCATCCATCTCTTGTATCATGCGAAG
ATTGCACATCTACCTTGGGCTTCCAAGAATTACGGCAGGTCGTCGCAACAGAAAGAAAAA
AAAGACTGTTCAGGTCGGTAGAGGGCACAGCAGCATTGTGAAGTACTTTGTACATGTTGG
TGCGGGCTAGCAGTAGAGGCGACGCGCATCTCAGGCTGTTCTGGTATGAAACATCGTCGT
CAATGACGAATAGTTGATTGAACATGGTTCACGAACCGAATGGAGCCAAAGCTGTGAGGT
ATTGCACAGGTCTGAGTGGACACAGCTCTTCTTGTTCACGACTCCAGGCGTGCCTGTTCA
CATTCAAGTCCAGTTCTGCCAAGCCCGAGCTGGCCCAAGCTTCATGTGTACGGCGGCCGC
GACGCTGGGAGCTGCCTTCGCGTGAGGCTTCAACATCACCGTATAACCACACCAATACCG
TCCTCGCCACTACGTCAACTCGCTCGTAGGACAAGACTCGTGTCACCTGCCTGCTCATAC
GCCCTCCCACCAGACTCTCCAAGCCCGACGAAAGTCGCCCTCCAACACACTTACCGTCAC
CACTTCAAGTTCATCACAATGTAAGTCGCCTTGACGTCTCCTGCTCCAGTACTGACCACT
GTACAGGGAGGTCCTACTAGGAATCACCGGCAAGGATTTCACCCTCATCGCCGCCTCCAA
AGCCGCCATGCGTGGCGCCACCATCCTCAAGGCATCCGACGACAAGACGCGAGTACTCAA
CACACATACCTTGATGGCTTTCTCTGGAGAGGCTGGTGACACTGGTATGACGCAAGAAGA
AGCCACGATAACTTGGCGGTAGCTAACAACGATGCAGTCCAATTCGCCGAGTACATCCAG
GCAAACGTACAATTATACTCCATGCGCAACAACATGGAGCTTTCCCCTGCCGCAACAGCC
AACTTCGTCCGAGGAGAACTGGCGTCAGCGCTACGGTCAAGAAAACCCTACACGGTCAAC
CTGCTGTTGGGCGGATACGATACCATTGCCGACAAGCCGACACTGTACTGGATCGACTAC
TTGGCGAGTCAAGCACCGCTGCCATATGCTGCACACGGATACGCACAGTATGTTTCCTCT
CTTGCTGTCTTTGCTGAAGCACTCCCTGCTCTTCTGCATGGTCCCAAATCTAAGCATCTT
GTGCTAACACCACTTGCAGATACTACTGTCTCTCCCTGCTCGACAAGCACCACCATCCCG
ATATCGACTACGAACAAGGCATGAAGATCATGCGCATGTGCACCGAGGAGCTCAAGCGAC
GTCGTCCGATCGATTTCAAGGGCGTGCTGGTCAAGGTCATAACGAAGGATGGCATCAAAG
ATGTGGAGTACGAGGACGATGTAAAGGTTGCGATTCCATAGAGGGCTATGGATTGACGAA

AGCTAGAGCATTCCGCCGGATGATTTATGCAAAAGACATGGGTGCCATTACGATTATGAC
ACTTGAGCATGATAGATAACGAGAACAAATAGTCAAATGACATTAATGACTAGACCGTGT
TTCTCAAGGAACTACAGTGGCCGGCGTGCAGATACTTGTTACTTCCTTTTGAACATGGCT
CAATTCTCTTCGCAAGTTCGCATTGTCAAGGTCTGAATAGAGGCCTATAACTAACACCGC
CCTATTCAGATCCGAATGCAATCGATAGCGAGACTGCCGTGAGATACTCTCAAGCACTTT
GCACAGGGACTAGCCCGAAGCAACATAGCACACTTATGCGACAGGCTTGCGCGCCCCTCA
CTCAAGTCAAAGTGTGCACAAGACAAATATATGTCCTCCCAATAAATCGACACCGCAGAC
TCATCGCCATCACTGAAGACGACCCAACGAGAAAGCAGCTTCCTACAGGAGTATCGCTCT
CCGACCCCACGCCACCGTAGTGACTGGCAACTAAAAGACAAAGATGTTCTGATAGTCGTG
GCTGGGTTCGTTTGTATTTTTTGATCAAAGAGCCAGAAAGGAGGACGAGGGACGCAGAGT
TTTTATACCAACGAGTGGGGGCCGCCAAGCCAGTGCACGGGCAGAAGGGTTTTTGGCGTG
GCGGGCACGGGCACATTCAAGCAGCGGTAGGACTGAGGGCAATGGCGAGGGGACGGAAGA
ACGACACCGGCACCCTGATAACGCAGCAACAATACTGCAGACGGCGATAGTGCGCAGCGG
CGGACGCACACTTAGCAGTTGCATGGCAGGCTTGTCCTCTCTGCTCGATGCAGTACCGAG
GCATTCACCGCAAACTTCCACACACAGCCAACCATCATCACATGATTCACGATGCAGGGA
GCTATAGAGTACAATGTGTTGGGTAAATGTTTTTTTCATTTCGGAGAAGCTGATGAGCAT
AAAGCATGTCGCAATCTATCACTCCATGACGGGAGACAGCATCGCCGCTTGAAAGAAGAA
CTTTTACGTTCAAATCATCGCTAACATCTGACATGTGCTTGCCTAATCGGACTTATTCGC
AGCTATGTCACTTTCTAGTTCTTATATCCGTTCTCATACCCGTTAGCCATGACCTCCTGG
AGGCCCTGGGGAGGACCGTTGGCCTGGCCCTTGGCGGTACCGTTGACGGCGCCGTTGGTC
ATACCGTTCATGGTCTTCTTTGACTCGTGCATGGAGTCCTCGATAGGCTTGTCGTTCATG
GTGTATCCAGTGTCGGATGCATCGACGAACGCGTCAAGACCGGCACCCTCGCGAGGGTAC
TCCTTCATCAGCTCCTTGTGTCGTCGCAGAGCCTTGTTCATCTCCTCGGCGGAGACATCG
TTCAGGAATACGCAGGTACCAATGGGGTTAGGCACGGCAGCACGGAGCAGACCATCACGG
GTCTTCAGGATAGCCTTGGTGGCCTTGTCAAGCATGTCCTCGTCGAACAGCTCGTGGTCC
ATGGACAAACCAGCCCTCGAGAACAGGTTCAACAGTCTCCTGTGCTCCTCATCACTGAGG
AGACCGCGCTGGTTCGCCAATGTTGCCGAGTATGCCATGTCGATAGAGATGGCATGGCCG
TGGCGAAGTGGGACCTTGGGCGATAGCTATGGATGAGTTAGCAAAGTCAACATTCGCAAG
GTGTGGTAACCTTACCTCGTGGAGCGGGCTCCAGGTGTGGCCATAGGCAATGACACGGTC
GAGACCGATCTCGTGAAGGTTAGGTGTCTCGAGTTTCAACATCTCGTGGATACCAGCACG
GTTGATCTCATCCGCTGCTTGGAGGACCTCCTTGTCATCACCCTCACGACCGAATCGAGA
AGTGATTAGCTTCTCACAGTACTTGTCCAGCAAGTCGAATGTGGGCTTGTGGGCGCAGGT
TGAGATCTTGATCAACTCTGCAAAGCCGTTTCGTACTTGACCCTCCGGTAGGGTCTTCAA
GAACGAGAAATCGAGGAATGTGTGCATTGGGGCGTGGTACGCTCCGAGACGGTTCTTGTA
GTTGCCGTAGTTGACGGCGACCTTGATGCTGACACTAGCATCAATCAGGCCAATGACAGT
GGTGGGAATACGGATGAAGTTGGTATTCCTTCGGTAGGCGGCGCAAGCAAATCTAAGGTC
ACGAGTTAACTCCATTCTAACAACGCAGTCAGGCCAGAGTGCCTTAGAGCTATTTTTTAC
CCAGCAACATCAGTCACCAAACCACCGCCCTGTGATATATTAGCATCCTTCAACACCATC
ATCAGACTGGATAACATACGACAACAAGTACAGGCTCCTTGCGGATGATACCAAAGTCGG
TCATCGAGTCAACGATGCTGAGAAGAGTCTCCATGGACTTGGCCTTCTCGCCGATCATGG
TCTTGTGAATCGTCAAGGGTAGGTTGTAGTGGTCGAAGTACTTTTGCATCTCATCGCCAT
AGACGTTGTAGATGTTCAAGTCCATGACGGCCAAGCAACGGCCCCAACGCTCATAGCACT
TGGCTAGGTTGTTGTTGGCAGGGTTGAAGACGCCGTCAAGGAAGGTGAAGTCATATTCGA
TCTTCTCGTATCCCTCGACATGGAAGCCGTTCTTGGTCTCGACAACGGAAGCTTTGAGGT
CTGACATGGTGAAAAGAGTTTGAAAGGTGTAAATGAGATACGTTGAGTTCTGCGGGGTCA
AGTACGGGCACGGCTGTCCTATATAAATGTCGACAGACCGATGTCGTTTGGGACTACTCA
TATAGCTCGCGGTACACGCTCCGCCTCCATTGGCTCTCGCACGCCAGCAACGCTCCAGAC
AAACGTCAACCATACGCATTATTCTCGTTCATGATGCGGCCACTCGTGTATCCCTTGTTG
TTTGGACTTGGTACCACTTCACTTCGAGCGAAACTAGGCTCCTACTGGCCAGCCATGATG
AAATGACTTCAACAACAGCGCCCTCCCAGCGGTAAAACCCGGTTCCGGCACATGGGATAT
GCACTTTACTCATGCAACATGGGTTTTTGCGGGCTTGGACAAAGCAGAACTATCCTATTT
TTCCTTCGGCCAAGGACGCAATCGGCGTAGCACAAGCCGCGAATCCATTTAGTGCCAACA
ACGGAGTCTCTCCCGTTGTGGAGAGGATGAGATACACTACATAAAACTGCGGGGCAATCA
TCGAAATCACCTCATCTCCACTTCAGGATTCCCATCATTCGATTGCTGACGTTCTGTGGC
ATATGTTGGAGAGTTTTCATTTGCCAGCTAGTCGAAAGATGTGCTGCGATGCGCGCAGGG
CTGATAGTGCAGTACCGGTAGCCATACAACGGCACTTTTCTTACCCCTCAGTTCAGGGAC
AAGCTGGAAAAAAATGTGACGTTCGAGGGGATCTTTTCGATCCTAGTTCCCGCTTCGGGT
AGATAGAGTTTGGCGGAGCCAGGATCGTTGAGGTATATTGCCTGGTAGAGGTAAGCGTAC
GTTGTCATGGCAGGTCTTTGTGGCTCCATAGTCGGCTAGCGGATGCAGAAAGCTCTAGAT
CGTTGACGACAGCCACATCCAACTCAACGTCAACACTATACAGAACCGTATATGCACCAA
TGATCCGACCCACATGAGCGTCGCGTATCCACATGGTATAGTATGAACTCGCCTCAACCT
GTGCCAAGGGTGCCTTGACGCGTACACGGGGATGTGGCACCGAACAGGCAGGATATGGCG
TCTGACACACATTGGCATCCCACCCTCAGTAAAGAGGTTTTGTAGAAAAAGCAATTTGCA
GAAAGTCAATTGCTAATGTGCTAACATAAGGAGTGACATCTAGAACGACTCCACGGAAGC
GGGATCCGTGCTAAAACGGTCGACCGAACCAAGCGCCACTCGTCGTACACGTTCCTGCAT
GTATTTCGTCATTACTGACCACAGCCCCGCACTAAACCACACGCGTTGAGGGGCACTCTC
TAGCAGCTTGGACGCGTCGAGCTCACGGCTGCCCGCACAATTTCATACTACCATTGAACA
ACAGCAACAATGGGTAGTTTCGATCAAAGCAAAGCCTATGCAGCGCAAGAGGAAGAGGGT

GCCTTCTTCGACGACGGGCGAGAAATTGAGCTCCTGCACTTCGTCTACTCGCACCCCAAC
ATCGAGAAGATACGAGGATCGCCAGAAAACGTTCTGGCTGCCATTGACGAATATGGCCGC
ACGAAGAAGTATCTCATGAACGTCGGGGAGGACAAGGGCCGTATCGTAACAGATTTGATT
GCGGAAGTAAAGCCAAATACCATGGTACGAGACTTGTCGAACTCGATTCTACGTTTCTAA
CACCTCGCAGGTAGAACTCGGCGGCTATGTAGGCTACTCCTGCATTCTCTTCGCAGATGC
AGTACGCAAAGCAGGTGGTGAGCGATACTTCAGCTTTGAGCGTGACCCCGCTTTCGCGGC
TGTCATCATGTCCTTGGTCGATCTTGCAGGCCTCACCGACCTTGTCAAAGTAGTCGTAGG
CTCAAGCGACGAGGGTATCGCACGACTGGCCGCATCAGGCCAACTCAAACACGTCGATCT
CATGTTCCTGGACCACTACAAGCCAGCCTACACCACAGATCTGAAGCTTTGCGAGGAACT
TGGCCTGATCACCAAGGGCTCTGTGCTGGCAGCGGACAATGTCATCAAGCCCGGAAACCC
GCCATACTTGAAGTATGTCAGGTCGAGCGTTGAGGAGAAGGTCAAGGAAGCAGGAGAGGG
TGGGCAGACAAACCTCAGCGGCATTGCCGAGACGAATGTCAAGATGTACGAGAAGCGATA
TGGCAAGGCCAAGTTCAGCGAGAGCAAGGGCAACCCAAATCTCAAGTATGAGAGCAAGCT
GGTAAACAGCTTTGAGCCGACTGGTGTACCTGTGAGTTCAAACACAGACGACGCTTTGCA
AGCATTTACTGACTAGCACAGGATGGTATCGAGATTACACGATGCGTTGGTTAGATGGAA
GCATCATCAATAGTCGGATACGCGTAATAATCTCTATGAATCGCAAGTTTCAGCGCTGGT
GGGTCCTGAACGACTCAGACATGGGCATGGTACCCGACCACAGACCAGCAGGATAGCTAC
CGTCAAGGCTTCAATGACAGCACAAATCAATGCAATAAACAATTGAATCTAACATTTGAA
AGCATTTGTCGATCCATCTTTGCGAAACCGTATTGCACATATTGTGCGGGATGTCGAGAA
AATAGCATGACACGTTGCATTCGAATAAACAAACATGAACCCCACGCACCCTGCATCCGC
AGTACAAGCCCCTCAACATCCATCTGCCGATCGCGGCCAGATCATTGTCCCAAAATCAGG
ATCTACTATATACAGATCGTAAACAGGATCGTGGAGTTCCTAGTGTTCCGCAATGTCGTA
CATGAGTGAAGTAACGATGACGTCGAGACTAGTCGTGCAGAGCCAGCACTCCAAGGCCAA
CAACTTTGTCTGGGCGAACGCAGCCGCACGCACATCAATCACCTCGCCTATGCAAGAACG
GGTTGCGTGACTACGAGCCGTCTGTTTACTGCCCACTAAATTCTACTTACTTGCAGTTTG
CATTGCAGTGCAGCCTGCACCTTTTTTGCAGGGGCAATTAAGTCGTTCCTCGGTCTTACT
TTTGATAAGGTAGCGCCGTTGGTGGTGTGTTGGGAAACTTCTAAACGGTGAAGACTGCGC
GAGAACAAGTGCCGAGGTCACGAGCTGCTCATTTTCATCAAGCAGCAACAAGGAAAAGAC
AATGGCAATGGCGGAAGGAAAGAAGGATTCGGTGGTGTTGCCATTTTACTATAGCCATGT
GTGGAAGAATGTGCTTCTACTGGCTCTGAGCGCTGTTTGCGCGCCTCTCTCGGCAGCGCT
GGTGTTGGTTGGTCTTGCAGTGTCGAAACTCCATGGACAGCGCAATGCAACGTTTTCCAA
GGAGGATAAGCAGCATGTTGCAGCGGCACGGAGACGGAAAACTATTCTTGTCACAGGAGT
GTCGATGACCAAGGGCCTTACTATTGCGCGCAATTTGTCTCAGCATACACCACATCGCAT
CATCGGCGCCGACATCTCTGCTCTATCACCAGGTCGCTTCTCCAACGCTATTGCAAAATA
CTACCGTCTGGACACACCAAGTGGCGACGATGCGGAGCCATATATTGATTCCATCCTCTC
CATCATCCAGCGCGAGAAAGTCGACTTATGGATCAGCTGCTCCAGCGTCGTCGCAGCCGT
AGAAGACGGTCAAGTCGTCCGCTTAGCAGAAAAGCAGGCCAAAGAACAAGGCCGCAAGTT
TGAAGCCGTCCAGTTCCGGGAAGATGTGGTCGAAAAGTTCCACGAGAAGGACAAATTCAT
CGACTATATCGAATCGCTCGGTCTGCCAATCCCAGAATCGCACCGCTGCACCCACCCAGG
GGAAGCCCTCGATGTGCTCATGGGAGAGCTTCACAGAACCCCGACAAAATCTGGGAGAAC
AGCACCCAGGCGACAATTCATCATGAAACCCATCGGAGTGGACGACAAGGCGCGAAACAA
CATGATGACCCTCCTCCCCTTCAAGACACCGGATGCAACAGCGCAATACATTCACTCTCT
CAATATTAGCAAGGAAAACCCATTCCAACTCCAACAATTCATCAAGGGAAACGAGTACTG
CACACATGCACTCGTCATCCGCGGCAAAGTAAAGGCCTTTACTAGCTGCCCCAGCCTAGA
ACTCCTCATGCACTACGAACCGCTACCAGCCTCCTCCCCCCTCAGCAAAAAGATGCTCGA
ATTCACCGAGCGTGTGTGCAAAGACGGTGGCGAAACCTTTACAGGTCATCTGAGTTTTGA
CTTTCTAGTCGAGAACGACGACAAGGGTGCGGCTGCGAAGTTCTACCCTATTGAATCTAA
CCCCCGTGCTCATACGGCTGTCGTGCTCTTTGAGCAGACGCCCGAAATGGCGGAAGCATA
TCTTTCCATCTTCAACAGTCCTAACCCATTGACCTCCAAAAACAAGCCTGGCCCTGTTTT
TCCTCGCACCCCAACGTACAGTTATTACTGGATCGGACATGACCTTGTATCTTTTGTCAT
CCTGCCACTTCTCGATCTCTTATTCGGTGCGACAACGCTGCAGAGTGCGTTCAATGATCT
AGCGACATTTTGGAGTCATGTTGTGGGGTGGAAGGATGGGACGTATTTGTTTGAGGATCC
AGTACCTTTCTTCGTCTTGTATCATGTTTATTGGCCGGCGAAGTTCTTGGAGGCGTTGAG
AAGGGGGCAGGCGTGGAGTCGGATTAATGTCAGTACTACAAAGATGTTCGAGGTTTGAGT
ATGGGGTGATGGATGTGAGCTGGACGGGAGGAATAGGAAGGTGCGAGGTGGGATCGGGAG
TCGGTCCAATGCATGTCAGTATGTATAATTCTAGATGATTTTTCATGAAGTGTTGTATCA
TTACTGTGGCGTCGTCACTGGACCTGATCGCAATGTCGTGCTACCTCAACGCTGCCACTC
CTTACCAACCTGAGCTTGGGCTCTTCAATTCATCATCCCCTATCTACTACCCCTCACCAC
CTTTAGTCCGAACTGGCATTACTATCAGTATCCCAAACCCTGCCCAACTTCCCGTCCCTA
ATGCTCAACCACACCTTCTTCAACTCTGCCGAATCCCATCTAGCTCTCTTCTTCAGTTCC
GCAATAGCAATCGCCATCTGCCTCTGTACGCGAGTCTGTTGGCCACACAGCGCCCGAGCC
ATACTGCATCGAGCGAAGCAGCGAAAAGCGACATGGCGTTTATTAGTAGTGCTGGTGAGA
CGACGATAGTAGCCTCTGCGCGGCTGGGATAGAGCTACTATTTTGGTCTTCTTGGACGTA
CGGCAAGGATGGAATGCGGTCGTGTGGGATTTCCGGGGTGTGGTACTAGAGTAGGTTTTG
TAATGGTATGTTCTTCTTGTCATGATTTTGCGCTTGATGGCAAGTGGTGAGCGAACCGTG
GGTTCTGCGACGTTGAGTTGGTTGTTACGTTGGTCGTTAGGTGAGGGTATTGCCAGAGAA
GTTGAGTCTGTGGTACTGATGATCTGTTGGGTTGGGTCGTTTGAAGGTTGGCCTTGCCTT
AATTTGCCAGCATAGAGGGAGAGGGCGAGGGCGTATTGAGAGATGGTGCCATATACAGGA

TCGCTGATCTGCTCGCATAGGCTAGGAGTATAGGCTGGGCCGTTCTCGGTGTCTTCATCT
GCTTTGTGCTTGCGCTTGACGCCTTTCTTTCCGTTTTCCTTGTGTAATGAAACCCTACCG
TTCTGAGTTCCGATGACATCTATAATTGCTGTAGTTGCCGGCTTGTTTAACATGCCTCCC
AGATTGTTATTTGAATGGTCTGTTCCTGTGAGCTGGTTGCCAGGCGTATACTGTGGATCA
TCTACTGAGTCTCCATCTGCCTCAAACTTGTGCTTGACTCGATGATCGCCGTCGTCATTA
CGCAGAGTAGTACTGGAATCGACATTGTCGTCAGCAGTTTTGAGCACCACCTTCTCAACT
TGAGCGACGGTGTCGTCGACGGTAGATGTGTCCCTGCCCGCCTCTTCAGCAGCATACGAA
GCCTTGAGACCCTCCCAATCTCCCTTGACCCGCAACTTCGCGCGCTTCAACTCCACATCA
CCTTCACTACGAGTTAAATCCTGGATCATCTCCGCGACACGTCGAATCTGTTTCAACGGC
ACGACCTTGGTAGACAGCTGATACCCAGCACCTTCCTCAGCTTCCGCTTCCTCTCCTTTC
TTAGTTTTTGGATCGATTTGAAGCGCGCGGAAGAGATCAGTTATCAGTTGAAAGTTAGGG
GGATCTGGATCAGCATTCATGTCTTCGGCGCGGAAGCGCTGGACTTGATCACTCATCAGC
ACTTCCTTACGGATACGCAGAACGAGGTCGTAAGCGCGGCGGTAAAAGGAAAGGAAGTCG
AAATTACTGTGCACCTCGTTCTCTCGTAGTTCTGATTTCATTGTACCGAAGAGTTTGGCG
TGGGTCTCATCTTGCTTGTCGAAGTCGGGTCTGTGTACCCTGGATTTGCTCTTTCCTTTT
CGCCTTGGCTTTGGAGGCGCGATATTGGCCGCTAGGTTCGCGAATGTATCTCGTAGGCCC
TTCCTATCTTGAGTAGCTTCCTGACAGTCATCATCTGGTGTCTTGTCGGTATCCTCGCTT
TGTCGATAGAGGTAGTTAAAGACTGCGTGACGCCTCAGCCAACGATCGTTGTCCGCATCT
GAATCGTAGTAGTCGCAGATTTTGGCTTCCAAAGACAATTCGGGTTGCAAACCACGCTTG
GCACCAAGTTCTCTCGAGACTTGAGGTAGAAATTCGGACGTGTGACGGAAGTCTGAAGCC
ATAACGCGACTGCTAGTGTTGCCCGAGAGGAGATAGCGGTTGAGGAAGTCGTTAGGGTGA
GTAGGTGGATCACCCCGGAACATAACCTTGGCCCCATATATCATGATCAGGTAGTCCAGG
TCTGACCATAGAATCTCCAGACCACCCATCTGGCAGGCGGCGTTGTATAGATGGGCCATA
CCATGAATGAACCATTGTATCTTAGCAATCGCAGTATGATGATAGATAGAGTTAAAGTGC
CACATAGAGAGTCCTGCGAGCGTCGAGTGGACAGTGATGAAGATGCTAGCAGTCATTGGC
TTTTCTTGAGAGTTCAAAAGCTCTTGTAGCCACTCCAACAGCCTGTCTAGAGGATTGAGA
AGGATGGTGCTAAATTTAATCTCTTCTTTGCACATGTAATCTGGCTTTGTGCCCTTGGCC
CACATGCGATCCTCGTAATCGACATGATAACGGATACATCTAGCGATATCCAAACCGTGC
TCGGTAAGGTCGCGTAACATCCGACGGTAGTCCTCACGTACAGCTTCCTGGATGTCAAGG
ACAATGGCCAAGCCGAACGGCAGGTAGTCCTGTGATGTACTCTGGTGCAATAACATCTCT
TCAGTAAAGTGATCCCACTTAGGAAGTTTGAGACCGCCCTTGCGAATGACGTCGAAGAAC
TTCAAGAAGAGCATGAGAGGATGCTCTCGTATATCTTCGTCAGCACTATCCTCTGTTGGG
TATGTCTTCGTAATGTAGGTTTTGATCAAAGCAGCAGCATCCAGACCGAACAGGTGGCGC
AATACCTTTTCAGCAGGTAGTGTCGCAGAATTTTGCGCCCCAGTCTCAAGAGCAGCTTTG
GTTTTGTTGAAAAGTTGGTGGATGAGTATGGCCAATTCTCCAGGTAGCAGATCAAGCTCT
TCCACGAGTGACTTGACATTTTGGTTCATTTGGTCCTGAGCCAGGTCTGATACCAACGCT
GCTGTGATCGCATTGACAAGGCCCTTGTGGTAGAGCACCCAAATCTCGTAGAGGACATCT
CGTATGCGGTTGAAAGTGTAGAGAAAGCAGAGTATAAGGAATTCGCGGCGCAGCTGCTCT
TCCTCTGCAGTCAGCGGATTTGTCTCTGATATTGGTGCCTTCTTCTTCGTCCTGGATGTC
GGAGTTTGTTGCTGCTGACCATCACTCTCGATGTCGCATTGGTCCTGTTCCCGCATTTTC
TTAAGCAAGTCGTCTTGTTCATCTTGGCTTGTCTTGGGACCAGTGGGAAGCTGAATGAAC
ACGAATGTGGGCGTGTCATTCTTGCGATTTCGAGCTTTGTTCATTCCAGGAACGAGAACT
TTCAACGACGCCATGAGCGTCTCTAGGCTCCCGCTGAAGTATTCGTGACCCAAATCCGCC
GTGTTGTTGTGTTTGTGGTATTGCGTCACCTCTCTCCTGGAGCGGATGGCATCTTCGAGG
TCGTTGATACCGGAGGTGTCGGCAAGTGGAACGCTTGTAGCAGTGATGGCGTTGACGAGT
TGCTCCTGCTCTTGTAGTGGTATTCTGTAGCCCTTTTTGCTCTTTTTCTTCTTAGCCTGG
TCTGCGACTATATTTGCGAGTTCCACGCCGCGCTGAATTCCCGTCTTGAGCAGCCATGCC
TGAAACTGTTCGGTATACGTTTTGTAACGCTTGACTGTCTCGGGAAGTTCGTTCCGTCGA
TAGTAATCCATCTTGAAAGAGAATTGGAGAGGTGGTTGAGAAAATGAATGTGGGTGGTAA
AGACCATTGAGAAGAGTTGAAGGCAGTGAATTTAGCTGGCGAAGTAGCTTCGCGAGTGCT
CTAGAAAAGCTCCCGAGAAAGTATCTGTGCTTTCTGATATCAGGAAGAATGAATAACGAT
TATAGAATAAAACGTTAATGGTAGTGCGCTCACGGGCCGCCAACTTACAGTCAGGTATTG
CGCAAGATGACAGTTCCGTTCGCGATAATGCAGTCAAGACCCGCCTAGATCTTGCTGTCG
CATGATAATACTTGACGCAACCGAGTGGTGGTCTGGAGATTCCGAGCTCAGTGGTTCATA
CCCTTGCTATGCGCTAACGCTCGCAGGTCTCAAACCCAGATACACAAAGTGAAAGGAGGG
AAAGGCCTCGTCACTAGAAACACCGAAATCCTTCTTATGTCCTTCAAGGCTAGCGTCGTG
GCCATTAAGGGCATCGCTTCATCGTTAGCAGTAAAAAAAGGAGTCGGCCGCTGTGGTCCA
TCAGAAGCCGTCGTAAAAGGCGCGGGATTGAACAGTATCCATTCACATGTCCGCCCAGAG
AACGTCTTACTCTACAACAACGAGCGCCATTCCCTACTTTCCGGCCTCTTGATTCCCAAA
TGATCACACATCAGCCCCATATGATCAACGCCCCAAAATCCCTCAGTCTCCCCCTTTTCA
TTCGTAGCAACAAACCAAGGCAGGCCAAAAGCCCCATCCTCAAACGCCTTGGTCGTATTC
CCACCTAGCACCTTCTTCACCTCCTCCGTCTTGGTCCTCTCTAGCACCTTGCTTGCCTCC
TCCTCACTACCCAAGGCAACTGCGAGAATAGCAAGCAGGTTCTCCGGCTTGATTGGATCA
TTCCATTTTGCCCAGAAGTTTTCGTAAAACAGGGCGATGGCTTGTTCAAGGGCTTGGGGA
TGCGACAGAGAGAGGGAAACTAGGGCGCGTTGGATAGGCAGTGTGTTGATGGGGAAGCCA
GGTGGAGTATCTTGCGAGATGGGGACGTTAAAGTGAGTGGATAGGCGCTGACGCTCTGTG
TTTATCCATTTGTCCTTGTCTGATTGGGTGTGTTAGATGGTAAGATAAGCAGTTGCAATG
ACGGTGACTCCGATGATGGTCCACCAGGTGAGCCGTTTGTTGTATCTTTTTCTTTCGTGT

TGCGCTTCCCCCTTACTGTGGCCAAGCTAAGCTGCTCTTTCAAGAGAAGGGGAGATCCGA
CATACTTTTTATCCTCAATGGTGGTGTATTCTCGCAGACCTTCATCAACCCCCCAAGCAG
AATAGGCACATACGTCACCTCAACCTGCTTAAAAACCTTTGAGTTCTACTCGGAATGCTC
TTGTTAGTACTGTAGTGCATGATTCTAGCACAAAAATCTGGATTTACGTAGGACACATGG
TAAAGCAACTTACTTTCAAGATGTAGAAAGCAATGTAAGCAAACGGGCTGACAATGTCAA
CGTAAAGGGTAATCTTCGGCTGAGCCATGGCTGGTTGGATTATTGCAGAAGTCAAAAGGG
GATTACTGATCTGGAGTGGAGATGAGACCGGGGGTGCCTTTGTTCCTGGCACCTTGCTCT
ATGTAGGTGGTTGGTGAGGAGACGAGGCCGGTGATCTCATAGCCGATCGGATTAACCGAG
GCACAATCGGCCGGCGTCTATCCTTGACGCAGGCAGACAAGTACCACATTAGAGAAGGAA
AATCCTGAAATTGTCAAATATGGTATTCATATCGAACCTACAATAACCCAGCTACTCGCC
GGAATCTTGGTGCCAGGCTAGCTGCCTTGAACATATTACTCCTAATCAACCATGACGATA
TCCCTTTGAAGACCCAGCTGCGAAGTGCCGTTCGTAATAGCCTTGACTTCACCCGCAACC
TCGTCCATTTCCTTGAGAGTAAAGTCCAATAAGTAACTCTCATCAACCAATTCCTCTACT
CGCTTGTAGTGCCTCTCAGAGTACACCTTGATGGCATCCATCACATCTTTCAGACTGCCC
TTTGCGCCAACCTTGCCCTGCGGCCTCAGACTAGCTAGTCGAGAAGCGGGATATGACTTA
ACAATAGTCCACAGAATCTTCTGAGCGATGGGTGCAGTACGCACGTTGGTATTCCAGTCG
CGGAGGCGGATGAGCAGTTTGTACAGCTGTTCGTCTGCTAAGGAACCGAGGACTTCGTCT
ACGGTGATGAGACCTGAGAGACTGTCTGTATCTGGGTTCTCGGTTTCCACCACAGATTTA
AAGAGGGAGAAGAGACGGGCGGGCTGGTCCATCTGGAGTGCAAGGACGATAGCTTCGCGA
TAGTTGCCGGCGTAGGTGTAGTTTTGTAGTTTTTGATCAAGTTCGACGCGTTCTGTTTCC
GCTGTTGTGGCAGCTTCCAGCGTGGTGCTCGTCGTATCTTCCCAAAACGTGATGACACTA
TCTCCACCACCAGACACCAAGGCGCCCGTTGTGGGGTGTGCGACAAGTGCCCAGACACGA
TCAGTGTGGTTGTCAAGTGTGGACATGGCCTCACCGGACACTGTATCCCAGATCTTGACC
AGTCCGTCACCAGCTGCAGAAGCTATTTGTGGGCCACGCTTGTCTCGTGCGTCGACGGGT
CGATAGGGCAGCCACGACAGCTTCAGTACACTGTTTGAGTGGCCTTCTAAAGTTAGTAAA
CAGCTGTAGTCTGCTAGACTCCAGATCTTGACCGTCTTATCTCCGCTGCCTGTTGCGATC
AAGCCCTTGTTTCCTGAGTTTGGCGCTTGCGAGTCTTTGGGTGCGAATTTGACTGACCAC
ACACCACGTTTGTGACCTCGGAGGACACCAATAGCCTCTCCTTCTGCTGCGGAGTAGATC
TTGACCGTACGATCCTGCGATGCGGACGCAAAAAGACTTCCAGAGGGGTCGATGTCGATG
GCATTGATGTCTTTGTCGTGTGCTTTGCGGGTGTACTTGGCTCGCAGTTTACCCTTCATC
TCTTTGGTGGTATCCCAACGCTTAACTGTCCTATCTTGAGAGCCGGTCACAATATACGCA
GGTGGGTGTGACAAAGGGTCTGTGAAAGCGGCTGAGGATTCCTGGGGTATGGTGTGCGGC
AGTGCAATCGCTCCAAGCGACTCGGCATGACCTGTGAGGACTGCAGCACAGGTATACGAT
TCGTTAGCGGGGTCGAGACGCCATAACCGTGCTGTGTTGTCTTTGGCACCTGTGACAAGC
CAGTGGCCTGACCAATCTACATCTAGGCAGATGACAATGTCTTCGTGTCCCTTTAGCAGT
CCGACATCGGCACCAAAGTATTTGCCTTGGGTCGCGTCTTCTGCGTCGGATTCGTTGAGT
GTGATTATCCGAATATCCTCTGAGTTGGTGTTGAGTGCCAATAGGGACTTGTCTCGGCCA
ACGTAGGCGATGTCAATGACCTCGTCGTGGGTTCCGGAAACGCGGCGGAAGATGGGCAGC
GGGTCGATGGTCTCTTCTACGACGAGTGACTCTGCTGTTTTGAGGGAGTAGAAGTTGAGC
ACTTGGTCAGCGTGCACCGAGATCAAGTAGGGCAATGAAGGATAGTAGAGGATGTTGACA
ATCTCATCCGTCTCGGATCCAGGCTCTTGCTCTCGGGTGAGCTCTCTTCCACTGGAGGCT
GACCAGAGTCGTAGTCGGCCGTTCTCTCCACCAGAGTACAGGATCTTGCCGTCTGCGATG
AAGCCTGCGCTCTCGATGCCCTCTAGAGTAGCAATGGTGCGTTGCGCCTTCCACTTGTGT
GAGTCCCAGACAATCAATGTCTTGTCTCTGCTGCCAGACAGAAGGACCTTCTCTTGCGGC
GAGTACTGTAACGAGCGAACGACGGAGACGTGCGAGTCGAGGACAGCAGTGCTCTTTCTC
TTGTGAAGATCCCATATCCGTATTTTGCCGTCTTCGGCACCAGAGGCCAACCGAAACTGT
ATCTGAGTCTCGCCCTGAGCTTGATCCGACTCGGCGCCTTCCTGCCGCGACTTTCTCTTT
CTCTTTTTGTTGTTTTCCGAGGCGTCGTCACGCTCGGCTACCTCTACCTCGAAGAAGTGC
AGGGCCGAGACGACTCCACCATGGCCGTGGAAAGTGTGTGTTGTGTAGCCACCGACAATG
TCCCAGATCTTGACCACGCCGTCGGCGCCGCCGGTGGCTATCAGTGTGCCCGTGCGATCT
GTGGCTAGCGTGACGACAGGAGACGTGTGTGGGCGTAGTGTTCGGAGAAGGTCGAGCTCG
ATGACTTGGTCGTCGGTGTCAGAGGGCCTGAGGGCGAAGAGGCGCATGGAGAGGGAGCGC
GAGCACACTACGAGATGAGATGCGGACGGGGTCAGGGCCAGGGCCGTGATTGCCTCGCCG
TCTCCCTCGACCCTGGCCAGCTCCTGGCCGTTGGTGAGGTCGGAAAGAAGGACATCCTCG
CCCAAGCTCGCGGCCAGAATGCGCCCGTCTTCGCTGAGGGCCAAGCTGCCTCCCGAGTAG
ATTGGCTGCAGGGTGCGAGCGACCTCGTACGTCGTCTTGACGGCAGCTCTTTGGGCCGAC
ATGGTGGATTGTGGACTTGGTAGCGTCGCGTCTCTGCCGAGAGAGGTGAGGGAAGTGTCG
CAAAGTGCTCGAGGAAAAAAGTTTATCGATAACGGCAGTCGCAAGCCACGCGCGCTGACG
TTTGGCGCCGGCGCGTCTCCCCCCGGCCGCCAACTCGGCTTCTGGAGCATGCGCCTATAT
TGCATTGTTCAAGATGCAGTCACCTTGTTCTACTGCGTGCACCTGATCAAAGTTGAATTT
TGTCAGCACCACCATGGGCCGGCAAGCCTACCTGGACAAGATCGCTTTCGTACACACGCC
GCCAGCCAGCGCAATGCTCGAGGACATGTCTGACACGCTTGCTAGGGACGGTCTGCCTTT
GAGCCCACCCAATCCGCCTCGCAGTCGACCGAATACGTCCAGCTCGAATCGTCGCAGTCC
GAGATTCCACGGCGTTACCACGAGGCCACGGCCAACAACTACGTCCAGCTCTACGACGAG
CGCGGCAACCCCATCAACCCCCGCTCCCACCAGTATGGCAAGAAACTCAGAGGCGCCCAA
AACGATGTGCTCGCGTCTGTCGGCGTCGTCGAGCGCAGACACTCTCCCGCCGACGCCTTT
CCAGGGTCCAGCGTAGAGCGTCTCGAGCTGCTCGAAGCCGAGGATACGGTTGGAAACGCC
ATTGCGCTGGCGACTACCCTTACCGAGAACCTTTGCACATGGTGGATAGGCTCAATCAGG

GAGAGGATCCTGACATTTCGCTATCCCCATGCCCTTGCCTTCAGCCACATCGCAGCCTCG
GAGCGTGCCCTCTCTGGCACTTCCATTGTCTATGCTGGCTTCTTCTCTCGCGTCTTTGCG
ACCATGAACATCCAAGCCATCGTGTACAGCACTTTTGTCTATCAGCCCGTCGAACGTGTG
CTGTATGCGACACGTGCCAGCCCAAAGACCCGCCACTTCTTCCGACGAGCCAAGAAAGCC
ATCAAGTCTAGGTAGGTCCCACGTTCGCCTTTCTACTTCTCGTTAACCCCGTTAGTCTTC
GTCTGGGCCTCGAGGTTCTGTGCTACCCCTTCTTTTACCACGCTGCTTTGCAGCGCCTTG
GCCTGGTGCCCGCTCGCCCACTATTGCCAAACTGGACATGTCTCATTCCCTTTTCAAGCT
CATCGCCTCTGCTACCATTTTCTGTGCGATACAATGCGTCCAGTTCCATCACGGACTGTA
TTGGAGCAGTGCTGACTTCACCCCTTGTCCTTTTATGTGCTGAACATGCCATTGAACGCT
GGATTTATGCCTGTGTCTACGAAGCAGTCGAGACAGCCGTCGTCCGCCCTGACAAGCCCG
ACATACCCAGCCGAGACGCCAACGGAAAAGACCGTGCTTTGACTGTGCTCGGGTTGCGGC
GGGAGTCACCAACCCTTATTCGCAATGCCATTCACAGGCTACTTGCAATGCTCGGCTGGG
CTCTTCCAAGTTCCTCTCCAAACACACAACAGAAGCGGACCATCGAGCTTGCAACCACGG
CTGCTTCAAACAATGGCCAGACAATAGAAGTCGGTGGTACTCAAGTGATCAACGCTACCC
CGCTGCATCTTCCCGTGCTCCAGTCCCAAGATCAGCCTGTCACAGAGCCGCTCGACGCAG
ATGTAATCACAATTCCAATAGATGCGTTCCAAGATTTGATACGATCCACAACTCCACCGG
GATCACCAACAGAATCCGAGCAAAACGAGAACGATCCTCGAATACGCATTACTTCAAGGG
AAGGTATCGTAGAGATGGAAGTCCGCCTACCACCTAGGATACTTTCCACTCATACTCGTG
TTGCAGAAGCCTCGGGTTCCTCGCGAGATGATGCAGCTGTGGAGCCGCGGGACCGAGCAC
GCTCAATAGACGGCCATGTATACCACCGCGTATCCCAACTCTCGTGTGAGCCTGCGCAGA
TGATCAGTGCAATGGTGAGAGCTCAGCTTGTCGGTCTTGCCATGCTTCCGTTTAGGATGG
TTACTTTGCGAATGATTGCTTCACACCATCTAGTCAGCCAAGGCGAATACGCGGGGTCGC
ATCGCATTGTGAATCCACTAGAGCTCCATGGCGATATGAGCTGGCGGAACATTGGCACCC
AGCTCTCACGCGTAGCGCTCTGCGGGGCACTGGAGTTGGCTATCGATCTCAGTTTGTGGG
GAATGCAATATCAGGCCATTACAAAGTTTGGACAGAGTGTCTTCGGATGGGGTACGCTAT
AGGCGAGTCGCTCGCTTCGTATACAGCGTCAGCACCAGTGACATGCTCTTGCATTGCACT
TGGACTTACCACTCAGGCGGGACATTCCTGAAGTCTACATGTTCGGTAACACCCGATGCA
ATGGCCGTAGGGTGGCACCTTTGTGCGTTTCACGAGCAACTAGACTCGACTGCCGGCATG
GAGAATGCTCCGAAGAAGAAGAAGCAGTAAGCAGTGCACAGCAGCGTCCCCACGATTCCA
ACGGGTTGGCTTTTTATTGGTCACCGCCGCTATGGGGCATACTTGGTCTCGAGTCAAGTG
GATAGACGTTTGAGCGGATCGATCATGTTTGTTGGGGCATGCGCACAGAGGAAGATTGCC
GGCAGACGTTTGCAAGACATGATGGTGACTCGGAAGGCAAACGCGGCAGCACGTGCAATG
TGGCGCTCCTCCCGCCAGCGCCAACGCGTTCGTCTCACGAGGCTGGCGCTATGCAACGCA
ACTAGCACAACTGATTGGGGGAGCGAGATGCGACGTCGAGGTTTGGTCAACAAAGGCTTT
GTGACACGGAGATTGCGAATGGTTCTGTAGTAGAGCAATGGCATGTCGCAGGGGCAGAGA
AGCGAAGGATGGTCGGCATGATTGCCTGTGCAGGGGCGGATCAGCAGGGATCGCCTCTGG
GGCTTTACAAATACCGTTGACGCAAGTCGTCACTACAGAAACGTCGCTACCAGAAAAACC
GTGAGATTCAGATAGAGCAGCAGTGTGCACGGCGCGCGGTGCAAGGCCAGATAGCGCGCA
GAGGGTTAGGCAAAGGTGGTCGGAGGACTGGTGCCATAGGACAATGGTATATAGCCGGAA
TGCTACGCGAACAGAGCCGGGCAAGGGTCTGCAGATAGCAGCTGTGGGTGCGGATATGTA
CGCTTGGACTGAGGCTGGCGGAGGGCTAACGTCTTTGGTGCGTAGAGGCAACATGGGGGG
AACAAGTTGAACCCACCAAGAGTTGACGACTGAACCCCTTTTCCACCCTTTCCCAGGGTC
GGGAGAGGGTCTTGTGTCTGATTTCTTCAGCCGTCCCCACAGCGCAGCCGTCGAGAGCGA
TTTGCCGCCTCCCACTCGTTCTTTGCTTTGCACGGAGTTTTCGTCGGTCGTTCCTTTGTC
GGGCCCCTGCACATGCACCGAGTCCCAGGGGATATCCACGCTTGGGCTTTTCGGCGGCCA
CCATCCTACCATCCATCCCATCACCGCTCCTTTTTCCCCACCACGCCAGCACACTGCTGC
CGACCTCTTACTCAGACACGCCGAGTGCTGTTGTATCGCATCTTCACCCTCGCTTCCGCC
CTCGACGCCCTCGACGTTTGCCAGAGCGCGCTCCAGCCTCTTGCGTCAAACGGCAGTATC
CACTGCACCTACCCGTCTCCGCTGCATTACATTCGCGCTTGCTTCCCGCATCCAGGTCCC
TGCCTGTCTGTCTGAGACTGACGCACACCCAACCAAGCCTGCCTCTCTCCCCTCCCCGCA
ATACACAGCCAGCTCAGACTGCTTCCCCGGCCTGTTCGAATTCCGGTCACGACTACTGGA
GGGCCACGCCGGACATGTGCACTGTGGCATAGGCCACCTGGAAAAACAAAGGCAATCGGG
CCAAACACTGCAGCGCCAGCACCCTTCCAGCCTGCAGTAGCACTCGAACATACGCGCCAC
CCCCATCACCATGTCGGCCAACTCGCTGCCTCGCCCCTCGCGGCCGTCGATTGCTCCTCC
CACCGGTCCCTTGCCCTCGCTGCCCGTCCCCAAGCAAAGAAGCTCCAATGTCGGTCCGAC
GACGCGAGCCTCGTTGCTCCCAGGCGCCGCCAATACACGCGCTGTGTCTTCGTCGTCGCT
ACCCTACAGGCCAACTTCCAAGCACCTCACATCGCCGTCCGTGCCGTCATTCCCACCCGA
GGCTGGTGCCGCCGGATCGCTGCCCGTTGGAAAATCGCTGCGCAAGACAGTCAGCATCGG
TTCCTTTCCACAACCACCCAGACATGGTGGGCGATCGAATCCAACCAGTCCGCTGTCGAC
GAGTTCGACGCCTGGAGGAGACATGGTCGATCGGAGAGTGTCGTCAATATCCAAGGGTCA
AACGCCTTCCAGGAATAACAGCCTTAAGAAGCCGCGAAGCTCTAATATTGGAGGAGCGCG
AGGTTTACTACCGAAATCACCCCTATCACCCCCCAGTCTACTCAATGGAAGCGCAGATTC
CGTCACAGTAGAGACAGCCCACCTCAGTCTCCCCTCACCACCGCAGAGTCGCAACTCTTC
ACCCCAGGGATCGTACGCAACCAGCGCAACCACATTCGAGGAAGGGGAAGATGGACGCGC
AGATGGCAAGGTACACAAGGACGGCAAAGGCAATGTCATTGTCAGCGTTCGGGTACGGCC
TGATGCTGGGGCCAAAGACAACAAACACGACTTGGAGTGGGAGGTTAACAACAAGCGCGC
ACTGATAGCCTACAAAGGCAAAGAGGGCGGAGACTACATATATGGTATGGTTGCATAACG
AAGTGGAGGGTGACTGAGCTGGAGCTAATTTGGTCTGACATAGACAACGTATTCGATACC

CAAGACAACAACGCCCGCGTATACGATGCTGCAGCCAAGCGACTTGTCCGGAGGGTCATG
GAGGGCTACCACGGCACCGTCTTCGCCTACGGAATGACTGGAACCGGCAAGACGTTTTCT
ATGCAAGGAACTGCAACAAATCCTGGTGTCATACCACTTGCCATCACCGATATCTTCTCT
TACATTCGTGAGACGCCTCAGCGAGAGTTTCTTCTGAGAGTCAGTTACATTGAAATCTAC
AATGAGAAGATTATCGATCTGCTAGCGGGACCCGTTGTAGGCATGAACGGCCAGACCGGG
CCCGTTGAAGAGATCAAGCTACGCGAGGACAGCAAACGTGGTGTCTATGCGTCGCCACTA
AAGGAGGAAATCGTGCAGAGTCCGACGCAACTCCTGAGGGTTATTGCACGAGGTGACAAC
TCAAGAAAGGTGGCGGGTACCCAGTTCAACGCGCGCAGTTCCCGAAGTCACGCCGTGGTC
CAGATTGTCGTTGAGAGTAGAGAGCGCGCTCCCGGCCCAGCAATAAATGGCGACAAACGG
TCAGCCATTGTCCCTGGTGGTGTCCGTGTCTCGACGCTCAGTTTAATCGATTTGGCTGGT
TCTGAAAAGGCGGCTGATAACAAAGAAAGGCGGACTGAGGGTTCCCATATCAACAAGAGT
TTGCTTACTTTGGGTACAGTCATTGGCCGATTGGCTTCCGATAAAGACAAGTCTGAGAAG
GACAAGGGCAAGGGCGACAAACATTTGCCATACCGAGACAGCAAACTGACCCGACTTCTT
CAACCTGCCCTCTCCGGTAACTCGCTGGTCAGCATTCTCTGTACAATCCAGATCGGAGCC
AGTGGGAGTCCTGCTGCTGTCAATAGTCACACAGGTGAGACGCTGAATACTCTCAAATTC
GCCTCCAGAGCCAAAAACAATATTGTCAGCCACGCCAAGAAGGCCGACGAATCTATGGGT
GCTGGTGGGGACGCAGGAAGTCGAGCGCTTCTAGATCGCTACCGCCTGGAAATTGAAGAA
CTCAAGAAGCAGCTCGCTGAAGGCAAAAACAAAGAACCCAAGGAAGAAGAAGATGACGAG
CTGAAAAGAGACAAGGAGGAAGAAAAGGCGCGCGAACTGGAAGACAAGCAGCGGCATGAA
GAGCAGATGCTTGAGATGCAACTAGCCCGAACAGCCCTAAAGGAGCGGATCGAGCATCTT
AACAGGCTGATTTTGAGCTCCAAGTCTATCGGTGTCAACAATGGCCGATCATTCTCTTCA
ATGAGCTTCCAGCGCGGCTCCATCATGAGCACCAACCACCACGACATGCGCCCAAGCTCT
ATTCGCTCTTCTGCTAGCCATGCGACCCTCGAGGTTCCCGGTAAAAGACAAAGCACACCA
CACCTCCACATGGACGGCTCTGAGGAAGACGACTCGGTTGGGGAGAATGGAGATGGTAGT
GCAAGTCAGACGGTGCAGATCCAAGCACTACAGGCTGATCTTGCGGATAAGAACCGTTAC
ATCGCTACCCTTGAAAAGCGCCTGTTGCACGCTCGGCGATCGAGCCATTCTCGTGTCTCC
ATGTCATTGTCACACAAGCTCACAAATAGTGAGGAGGGTGGTATGATCGCAGCTCTTGCC
GAGAGAGACAACGAGATAGTCAACCTGCGCGCACAGCTTGAGGATAAGGAGCGTATGATC
GGCGCCCTCACATCAGCTCGCAAGAAGAACGACACTGCACATGAGATGGGCAGCGAGTCA
CCAGGCAGCCGGCGCACCTCGGGTTATCAGCGCAGCGGCAGTGATGGTAGCGGGATTAGT
TTACCGAAAGGTCCAACGTCGCCTGCACTCAGTGTAAAGACGCCCTTCCTACCCCCTCCA
GTTACCAACGGCTCTACCAAGAATATCGAGGAGATGACGCGTATGCTAGACGAGATGATT
ACTGGTCGCGTTGAAAAGACTGCCAGGCGAAGCAGTCTCAGACCAGTCACCGAAGGACCA
TGATCTTACCCAACGCAGAAGATGGTGAGAGTCAGGTACGAATTCTTGCTTGGACGAACA
AACGAACCAGTTCAGCCGGGTATGAAACGAAGTACAGTAATGAGGATGAGGCGAGAACGT
CAGCAACGAGCGGCGCGCGGGTGTGGCATCGTACTTGCACTTTTCCCAATCCCATCCAGC
AAACAACATGTTCATTCACAAAGGGACAAGACATTAGCGACAGGCGTTTAATCGGGGAAA
CGGAGTAATGATTTGAGCCACCAGGCACATGGACTGGTAGGAAAATTCGGCGCAAATAGC
CGTGCATGGGATTTTTATGTTACGCACATGGGTTATATCCAAGGGGGGCGGCTTTCTGGC
TGCTGCTACTGCTGCTGCTTGTTTAATTCACATTTGCGATATGGCGAGCCCTCCTGGTGG
AAGGGGATTTTGTAACACTACTACTTTTTTCTTCTTGTTTTCTATTCTCTTCGTCTTCTT
CCCCTGTGCCGACCGAGGGACTTTCGATCTGATACCCAAACCCCCCACCCCATCTTTTAC
ATAGCTTGTCGTTGAATTGTGTTCTTGTTGCGCTAATGAATACAATGTGGGAGCTATAAA
TGAAGGCTTTCACACCTTGTTCTCGACGAGATTGTGTGTTTTTGTGTGATGTGATTTTAA
CAAGCCGTATTGATGTGTAGACAACTTGGTTGCACAACGTCTCGAGGTCTATACGCAATA
CGATAAGCGCTACCTTACTAATTGTGAGCACCGTCATCCGCAGGATTTTGAGACGCCAAC
ACGCTAGCAATTTGCAGATATGTACTCCGAGGTTTGTTCATAGTACGTGGTGTGGGGCAC
AAACTTGTCGTGCCTCGGGATCCTGAAGGAGACCATACAGCTGCTATCTAACCTAGGTAC
TTTTTACATAGTCGCCTCTCGTAGGATTCCAGGGAGTCAACATGCTAGCAATTTATAGAT
ACTCCGAAGTTGTTTATAGTACGTGGTGTACGGCACAGCAGAGCCTACTTGCCGTGCCTC
GGGATCTTAAAGTTGATTGCCAGCTGCCGTCTTACTGCATGTCCAGCATGACATTCTCAA
ATAGCAAACTTCCTTTAATACGTGTGCATATACATCTGACTACATGCCCTTTACCCTAAA
CTTGCAGCAGACAAATCAGCCTACCTTTGCAAAGATCCCAAGCCACCATTGGTGTGGTGT
CACTGTCATGTGGTTTTGGCTGCTCAACTCTAGCATCAAAGGCGTTTAGCGCCGGAGCGC
GATCAGTCGACTAAGCACCAGTGCGTCAACAACGTTGCACTAGAGGGGCATTCTGAAACA
ACGACGCCCTGGCCCGCGCACATGCGGCAAAATGAGGTCCCCTCCTGCGCCTTCCGCATT
CTCGCTGTAACCTTCCTGGATCAAGCAAGTGCGATCTCTGCAATCTTACCTTTGATCCTA
TCTTGGTCTCCGCAGCGCTTCTCGAGTCGTCGCTTCTATACCCTTGGGCCGCTTACTGGC
TTTATCCGCTGTGCAAGGGACTCTCGGGCGCTCCTTGATGGAGATCATTTTACGGCGGGA
TCCTGCTCGGACATCGGATTGTTTCTGGTTGTGAAACTCGTCGTGCACCAGGAGGGGCCT
TCTCTTCAAGACACGCCTTAGGTTTGCCCGCCCTTTCGAATGGCTTCTTGAACGTCCTTC
TACTCCTTCTTCCTTTGATTCGTATCTTGAGCGAACGAGGGGATTGAGTTATACATTCTT
GTACTTTATTTTTCTTCTACTTGTTTTGCTTGTTTGATAGGCGGTGCCTACGTCCCCTCC
TTTGACTACTATCACATCTTTACTTGCTTGTTGGAGCGTTCTCTGCAGGGTCAGAGGTGA
CGTTTACCTACTTGCATATATCGGCATTACAGCTTCGTCATCACTGTAGCACTGTGCACT
GCAGAAAGCCGTTCGACTTGGCCGTACCCTACATTCTCCCTCTTTCCACGAGCGGTGACG
ACGCGCACGCCCATCACATCAGTCTACCGGGTGTCTCGCATTCGACATGCTAAACCAGGC
TGCGAAGAAGCTTTCCAAGATGCATGTTAGACGGAATCCGAACCTGTCTATACAGTCGAC

AGCGCACTATTCACAACTGAGCCCGCCACCCCAGTCTGCTACCTCTAGTGCTTTCCTCTC
TCCCACGGTCCCCTCGAGACGTGGCCTACTTGCGAGATCCCCACCACCGAGTCCGAGCCT
TCCTAGTCTGCTGCCAAAGCATGGAAAGAAGACTACACAGCCGAGTCATTCAAAGTTGGT
GAAGCGAATACTGATAGGCTGCTGCGGTGTAGCATTCCTACTATGGATTGTGCTGAGGCA
GATATACGCCAACTCGCAAGGAGCGGCAACTTATGAGGATGGCAACGAAGAAGAATGGGA
GATGGTTGGTGGCAGTCAGTTGCCGCATGAACCTGTCGCCCTTGCGCTGCAGGACGCAAA
GGGAAAGATGAGGTGGACTGTATCCATACCATCCGACTATGAATTCCCGCTTCGTCCGGC
GCAGTACCGTGATATCTGCCATCAATCTATGGAAGTCTCGAAAGAAATCAGACAGGAAGC
GAAGGCTTCGGCTGGCTTTGCGAAGAGAATGTTGAACTACTATCAACAAGACCAATATTA
CATTGATGTCCAGGAAGCGGAACAACAAGGACTGTTGCCACCATCTAAGGCTGCTGGAAG
ACCCAAAAGCTTCGTAGAGGACGAGGCTATCCGGGATGGTATCTCTACGGAAGGACTCAA
GGTCTGTGACAGGACTTTGACATATGTCATGGAAACGGAGGATGCAGGTTTTGGCAACAC
GCTGATGCGTTTGTGGATGTCGTATGGTTTGGCAAAAGCCGAGAAGCGCGCCTTTTTCGT
TGATGACACTCGTTGGTATGTATCTACATTTCTGACTACCGGATGATTGACACTGACACT
ACCGCCAGGCCGTATGGCAAGTACTCCTCTTACTTCCAGCCTCCCCCTTCCGCAAACTGT
CTCCCTCCTCCCCCATCTCACATCGTCCCCTGTCCTCACACTGCCCGACACATCGTCGTC
AGCGGAGCGACGTTGAAATCCACCTTTGGACATGCCTTTACCGACGAGTGGGAGGATCCA
ACAAAAATGGGTGTGCAACGCCAATCGAAAATCTTCAACCTCGCCCGAACAGGCTATGAG
GCTCTCTTTAAACTTCGCTCAGACGACGAAACCTACGTCCTCCAACGAGCGCTGGAAATG
TACGGTGAAGTTAAGAGCGAAGGCGGCCTCAGCATCGCCATGCACGTCCGCCACGGCGAC
AAGCACCCCATGGAATACCAGTACCAAAAGGACTACATCCCGCTAGCCCGCTACGTCGAC
ACCGCCCGCGATCTCTACATCGATCTTGTCGAAGGCGGACTAAAGAAGAAAATGGCCAAA
CGCAATCTACTCTCTTCTCCATTCTCTTCCTTCTCTACCGACTCCCTCACCCCCCGCCAT
ACAACCTCGAAAATGATACTCGCCTCTGACGACCCCCTCGTCTACGACTCCCCCGAACTA
GGCCCTAACAGTGTTCGTGCCCAAGACCGCATTGTCCTCGCCACAAAAGCCGCTCTCGAA
GCCGCGCAATCCCAGCCGAAGAAGAACACGTGGATCGACGAGATTACGGGGTGGGAAGGC
GGCTTCTATCGCGACGTCTTCTTTTCTTTGGGACAACCTGTTGGCAACGCCGAGGACATG
AAGAAGGTCAATGAGGAAAATTCTGCTGTTCCTGAGAGTGCAATGAAGCTGAGGGAGCTT
GTTGGGCGCGCATATCTGCTTGACTTGAGTGTGTTGAGCAAGGCGGATACGGTGGTTTGC
ACAGTTAGTAGTACGAGTTGTAGGTTGCTGGCTGTTATGATGGGGTGGGGAAGTGCTGTA
CAGGAGGGCAAGTGGAGGAACATCGACGGCCAGTTCGACTGGAAGGGAATCATGTGGTGA
GAGTTGTTCTTTCACCCCTTTCGTTTTTGTTTTTGTTTGGTTGCATGAGATACTCGGGAA
CAGGTGGGGATGGCAAGTGCGAAACGGCATATGNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNGTTCTGTCGGGTAGATTTTGGCTGGATTTTAAGCTTCAAGG
CAGTCCGAAAATGATGTGGTCGGGTCAAATCTGGAGTAGCAATATTCTATGTGAGGAGTG
CTACGAATGACTGGGGGCTGACATCCTTCATCTGCGATACTAAATCCAGGCGCAGGGAGT
CATTGTATTGATTCCTCGACAAGACGATATTCCAACTATGCTCCCTAAAATATTCGTACA
AGACAGTCACCACTTCCTCTGCCTACCGCCCCTTTGGTTTCTGCCCCTTTCTCCTCTCCC
AAACCATGAGATATGCTTCCTTGGTAAACAACGTCTCAGCCCTCTCTTTCTCGACATACA
GATCTTGAATGCCGTACCACTCCTCTCTCGCTCGATCCTTGACCTGCACTCTCCAAACCT
TGCTTTCCTGCTCACCTTCAACACTATCATCCTTTTTCTTGACCGCCTCGTGAGTGATGT
TGGCTACAAGATCATACCAGATAGGCTCGCCGGGAGGATAGTCTTGACTCGGCTCGACGT
ACGGTGACATGTCAAGAGAGTGTACGGGAAACGTGACGATGGTTGGATTCCGTTCCGAGA
CGAATTTGTTCTTGGAGAAGCGCTTGATGTTGAAGAGGAGGTAAGGAGGTAAGGGGTGTA
GGAGGCGGTAGCGAACGCGGTTCTTTGACTTTTCTTGTGGAGTCACGCCGTTGTATTTTG
AAAGGATATTGACAAGAGGGACCTGTGGGATGATGTTCTTCTCGAGGGCGTCTTGGAACA
GAGGGGCTGCCGGTAGGTCGAGGGTTAGCACGAGGAAACGTGATATCTCGGTTTGAACGG
CGGCGTCTTCGAAGCGGAGACGATCACCGGCATCAGCACGCGCAGTAATTTCTTGTTGCT
CGATCTTCAGCGTGCCTTGGAACACTTTCTGGATTATGCTGCTGTTGGGTTTTGTTCGCG
AGCCGCCGACTGCTAGGTGAAGATTGTTGAGGAACCATGAGAGGAAGTCGACGGGATCTG
ACTGGTCAGAGAGAGTAAAACGTTTTGATGATCGAAGAGCTATCTCTTGGAGGAGTTCAT
GGGGTGAGACGTGAGTTTTGAAGGCCCGTGGGTTCCAAATCTTACGGACGAGGGTGCTAA
AGCGCTGTGCGAGCTGCGGCCGGGTCGACAAATCTTCCAGCATGAAATAGTTCCGCAAAG
GAGAAACATGAGATAGAGCTTGTATCACAACGTTGAAGTAATCGTTCGCTTTGATGTTGT
TCATACCAACGAAACCTGGGATATACTCTCGATTGGAGAGGTCCCATGATACCTTGGGCT
CCTTGTCTAGCTTCGCAACCTCTTCTTTGTTCATACGCGGATCCACAACGAACTTGATGT
CGTCCAACGACTTGGACGTCACTTCGTAGCCCTCTGGGAGCACATAGACCTTCTTTGTCT
CCATATTGACGTATACGTGATGGCCCTCCTCCAGCGCGTGGAAGTATGCCTGCGATTTGG
GGCCGCGACCTTGGTAGTATTTCCCGCATACTAGACAGGCATACACGTTGATGTTGGAGA
GGGTAACGGAACATAGTTTCTCAAAGTCGAAGTCGAGGACTTTGCGATTTATCGTATCAA
GGTATAGATCTGTGTAGCCGGCTTCTGGGGCAGTCTGGCGTTTCGGCGCAGCGATTGCGG
GCTCGTCATCGTCGTCGTTGTCGTTTAATGCGCCGGCTTCCTCAAGCTCGGCATGCTCCT
CGTCGTATGCGCCTGTGATGTCTACTTTGTCTCGATATTGCTCGCGCGGTGACATGAGAT
GACCATTGCTAGTCGCGCCATCGGGCTGAGGGCTCTCCATCTCTTCGTCTTCGACCTTGG
CGCGCTTTGGTGCTGGAGAAGGCGCGTCGTACATTTCCTCGAGCGGTTCTAGCGCCGGTC
GCTTGGACATTTTGCGCAGGGAAAAGTGTCGCGAGGATACGGCAGTCGAGTGGCAGCTGG

AAGAAGCTACGAGTCCAGGTCGAATACAGCTGCTCGCGCAATTGGAGTGGTGAAGCAGCG
AAAGTTGTAGGCATCCAAAAGGTCACGGGCGCCGGTGGAACCATTGGCCGGGGAAGCTCC
GGGCGCAAACACGGCAAACACAGCTTCAACGCGGGCAGGTCGAGAAAAAAGTCGCGTTCA
GGCACCACAAACCAACAACCCCACACCTTCCGAGATACCCCTCTTTGCCTGTTTACGAGT
GCGTTCAAGATGGTATGTCGCACGCCTCGCTGCAAAAGCAACAAAAGCACTCACTCGCAC
GCAGTCCAACCCCACCCAGATCTTTGCGGAGGATGTCACAGAGGAGAAGGGCGAGAATGC
GCGTCTCTCGGCCTTTGTAGGAGCCATCGCCGTCGGAGACTTGGTCAAGAGCACACTGGG
CCCCAAGGGCATGGACAAGATATTACAGTCTGCGTAGGTGCCGCCTCCTGCCCCGCCATA
TGATGCCTGCACTGACATGTCTCCAGTTCTACCGGCGAGATCATGGTTACAAACGACGGC
GCTACCATCCTCAAAGCGATTGCCCTCGACAACGCCGCTGCCAAAGTCTTGGTCAACATC
TCAAAAGTCCAAGATGACGAGGTCGGCGACGGAACGACATCAGTCACTGTCCTTGCCGCC
GAACTGCTGCGAGAGGCAGAGAAGCTGGTCGACCAGAAGATCCACCCCCAGACTATCATT
GAGGGCTACAGGATAGCGAGTTCTGCGGCTCTCAAAGCCCTGGAGAAGATTGCCGTGGAC
CACAGCAGCGACGAGCAGGCTTTCAGGAAAGATCTCGAGGCCATTGCCCGAACAACTCTG
AGCTCAAAAGTGCTCTCGCAGGACCGACTACAGTTTGCGAAACTTGCCGTCGACGCCGTC
CTCAAGCTGGGGGGATCGACCGACCTCACGCACATTCAGATCATCAAAAAGGCTGGCGGA
AAGCTGAAGGACTCGTACCTGGACGAGGGATTCATCCTGGACAAGAAGTTCGGTGTGAAC
CAGCCAAAGCGGATAGAAAACGCAAAGATTCTGGTTGCCAACACAGCCATGGACACGGAC
AAGATCAAGATCTTCGGTGCACGGGTCAAGGTCGACTCGACAGGCAAGCTCGCTGAGCTG
GAGAAGGCTGAGCGCGAGAAGATGAAGGCCAAGGTTGAGCGCATCAAGGCACACGGCATC
AACTGTTTCGTCAACCGACAGCTCATCTACAACTGGCCAGAGCAACTCTTCGCGGATGCT
GGCATCTGCTCCATCGAGCATGCCGATTTTGACGGCATTGAGCGCCTAGCCCTAGTCACT
GGTGGAGAGATCACTTCGACCTTTGACCACCCAGAGAACGTCAAGCTCGGCCACTGCGAT
CTAGTCGAAGAGGTCATCATCGGAGAGGATGTGTTGATCAGATTCTCGGGCATCAATGCC
GGACGGGCATGCACCATCGTCCTCCGCGGTGCAACCGAGCAACTTCTCGACGAGGCCGAG
CGATCGCTACTCGACGCACTTGCCGTTCTGTCACAGACGATCAAAGAGCCAAGGACAACG
CTGGGTGGTGGCTGCGCCGAGATGAACATGGCAAAGGCCGTGGCGGAGGCGGCACAAAAC
GTGGCTGGCAAGAAGGCCATCGCTGTCGAGTCCTTCTCCAAGGCGCTCCAACAACTACCC
ACCATCTTGGCCGACAACGCTGGTTTCGACTCGAGCGACCTGGTCACACGCCTCCGGAAA
GCCGTCTACTCGGGCTTGACCAGCTCAGGTCTGGATCTCCTGTCCCCTGGAGGTGGCATT
GCGGACATGAGGGAGCTTGGCGTCATTGAGAGCTACAAGCTGAAGCGCGCGGTGGTGTCG
TCAGCATCAGAGGCTGCAGAGGTAAGTCTACCCAATACGGCGTGATTTGAGCAAGGAACT
AACACGACTCTAGTTGCTACTGCGAGTAGACAACATCATCCGAAGCGCACCACGGAGACG
TGAGCGCATGTAAGGGTGGGGTGAGCAGGCATGATGTCGTCAAGGATTTCGACACTAGAT
AGAGTGTATACTATGAAAGACATCAATGCATCCAGACGAACATGATGAAGACCAAGCTTC
TCCTTTGGTCGTGTCACATATGTGGCAGTGGGGGCGGACACTGCCGAATGTGGAGTGAAG
TTGCACGCAACGACAGGTTGGCGACTGTGAACAAACAGTTGCTTAGTAGTTGCGAGAGCT
ACTCAAGTGCTCACATCATCTGTTTCATGTTGTTGTCTCGAATAGGAATCTTAGACTTTT
ACATGGTACTTGCCGCAGCATGGCAGTCGGACTTGGTAAGAAACATGGGGGGTGTTGGGG
CGGGGGGGAGTGCAAGCCGGGTGTTCCCCTTCTGACTGTGTCGTAGACCGAGCTGCAGGC
AGACTCGCAGACAGAGTTGGAGGAAGACGAGATATTTGCCAACAAGAACGATGCTTTGAA
GTGATATTTGGCCGTGTTGCCGGTACCTGCGTGGACAGCAAAGACGACGGGGCCAAGGTT
GGTGCTAAAACAAGGGAAACAGGCGGGCGTGTCGGCAAGGAGTTTAGTGGGCGGGCTGGC
TGACGAGGCCCCGGCGAGACCCCCAGTTTGCGGCGCACGCCCAGACAGTTGCAGCAGCCC
CCGCAGGTTAATATCGAGGCCAAAATCACTGCTGCCACAGGCCTTCTTCTTCTTCCGCCC
AAACCTCATCACCTCCCACTGATGCTCCATCACCCCCGCTCTCGCCGCCTTCCCTAGGCT
TCCCACTCATCGACGCACGACCGACCCGCCATGCCGCGTCCGCGCCGGCCGCCCGGTGCT
GGCTCGACGCTCACCACACTCGCCCTTCTCATCATCACGCTTGTGGCAGCTCAGCAGCAG
CAACCACTCGACCACCATGTCGGCAACACGTCTCCCCACGCCGAGGTGCACGTGCAGCAT
GCAAACACAATTAAACCCCACCACGGACACCCCAGCCTCAAAGACACTGTAGGGGACGCC
CACAGACGTCATGCCTACACGCCCTTGAACGACCAGAATGTGCGCGCCGTAGCTACCAAA
GTTCCTTCTGCTCCAGCCATCAGTGCTGTCAGAGCCCATCCTGCCAGATACGCTGCCTCG
GGAGGCCTCATCCCCAGTGCGCGTTCTCTGCAGGATTGGGAAGTTGAGGACTTTGTTCTC
TTGGCGACCGTCGATGGCCATATCCACGCACGCGACCGATACAATGGAGAGGAGATCTGG
GAGCTAAGCGGACGGCCCATGTTGGAGACCATCTACAACGTCTCCGAAGACAAGACCAGC
CCCCACCACCAGCCCTTTGTGTGGGTCGTCGAGCCTAAAGAGGACGGAGCTCTCTATCTC
CTCACTCCAGGCCCCCACCCCCAGCTACAGCACCTGGGTGTCACAGTCAAGCAACTCGCC
GAAAGTGCACCCTACTCTAGCGATGACCCGGAACTCCCCGTCGTCTACAACGTCGAGAAG
AAGACATTCATGCTTCTCGTCGACGCCGCCTCGGGCATTGTCAAGCAGAGCTTCACTCCG
GGCGGCAACTTCCCCTACGACGATAGCTGCGCTCCCGACTCCAAGAACTTCTTCAGCACT
CGGGAACGCGATTGCCGTGGCATCATCGACATTGGCCAGACTCAGTACACCATCACCATC
CACAACAAGAAGACCAACGAGCATATATGCACGCTCAAATATGCAGAGTGGAACCCAAAC
AGCCGAGACAAAGATTTGCAGTCCCAGTACGATCAGACCCTGGACAAGCAGTACATTTAT
ACCATGTACAACGGCGAAGTCATTGCCTTTGACTACAAGCGACCGAGATCGCACCAGCGT
CCCCTCTACAGACAACGTCTGCCTTACCCGGTAGCACGTGTCTTTGACGTTGCTCGGCCT
CTGAACGATCAGTCAAGCGAGCCGCCCCTCGTTTTGCTCCCACAACCAGCCGGCCCCATC
TTCTCGGATGACAAAGCTAACCACGTCCTGCTCAACACGACCGAATCGGGGGCTTGGTAT
GCTCTTTCAGAAGTCAATTACCCCGCAGTCACCGACGGTGCACCCGACGCAGCTTGCTAC

AAGCAGAACCAGGTATCATACGACTGGGACTCAGCCTACGTGTTGCCGGATAGGAGAAGC
CTTATTGGTGTCCACAGGCTGGACTACAGGATCCCCAGCCAGCAGGCACAATTGCCAGGC
ATCGCCGCCACGACTTACTCTCCAACCTTGAACGGTCAAGTCGTGTCTAATCCGCCTGTG
ACATCACCTCATGAAAACCCTCAACAGCAAACGATTGAAGGGCCGCCTCAAACGCAGACG
GCAAAAGCATCCATCACACTCTTTGTTTCCTTTATGATTGCCGTTGTCGTTTTGGGAGCT
ACTGTGAAACCAACAGTACGACAGTCCTCCTTGAGCTACCTCAACAGACTTTTGCATCCA
GCCAAGGCCACTCTGTCACCGACTCCACTGTCTGCCTCTACCGAGCCGGAAATCGATCAA
TCCGTAAAACAGGAGACTCTAACAGTGCCTGTCAGCGAGGACGTCGTCCCTGAGAAGCCA
AATGTAGAAAGTGTAGTAGAGGCTGATATCGTCGCCCCTGTTGCTGAGGAAGTCAAGGAG
AAGAAAGTGACTTTCAACGTCCCCGATGACGAAGATGAAGATCTTTCACCTCTCTCTAGA
ACCACGACGGTTGAACGTGGTTCTCCTAGTGAAGACGAACCTACCCTAACTGGTTCCACA
CTCAACGCGGATGCTCAACCCATGACTAGCAGTATCGACGACATTTCGCAGGACCCATCC
GCCGCGCCCACGACTCCTAAGAAGAAGAAAGCACATCGGGGTAGACGTGGTGGACGCAAG
CTCAGCAAGAATCAACAGAAAGAAGAAGACGAGGTAAATCGCATCGTGGACGCAGCTAAG
CAACTCGAGGTCGGGCCTCGCCTGCAACCCGATGAACTTACTGTGAGTGGTGGCGATGTA
CAGAATGTCTCCGAGATCAAACGGATCGGCAAGTTGACGATCGACCAAGATCGTCTTCTT
GGCAACGGAAGTGGAGGAACGTTTGTCTTTGAGGGTAAATGGAAGGTACGTTGAACAAGT
CAATCTGTTACGATTGAGCATGTCGGCCGTCCAGCAATGACGGTTTCCACGCATTCTCGA
TGAGTATCTCATACTAATTCTCTTTGCAGGAAGTCAAGGTGGCTGTCAAACGCATGTTAC
CACAGTACTTCGGACTCGCAGAGCAAGAGGTGAAGCTATTACAGAACAGCGACCCGCACC
CGAACGTTATTCGATACTTTGACGATGAGAGGGATGAGAACTTCTTATATATCGCCGTCG
AACTCTGTCAAGCTAGTCTGTTTGACCTTTACAAAGACGGTCGTCCAGGAGAGGAACTTT
CTGAAAGCCACCAGCAGTTGGTGAACAAGATCAGCGGGAAAGCTGCAGCTTGTCTCTACC
AACTCGCTGCTGGATTGAATCACCTTCACCATCTTCGCATCATCCACCGCGACATCAAAC
CCCAGAACATACTGATTGCACAGCCATTGATCACCTCCAAGGACGATGTACGGCTAGTGA
TATCTGATTTCGGACTCTGTAAGACGCTGCCTGACAACGTCAGTACCCTTGTCGGAACGA
CTGGCAATGCAGGCACGGTTGGCTGGAAAGCGCCTGAGCTTATCTCGCAACCGAAGGAGT
TGGCCAACGGCAGCTCTCAAGGCTTCTCTCGCGATTCATCAAGCTCTACAGACCCGGTCG
CGCAAGGCGTCAAGCGAGCCGTTGACATATTTTCTCTGGGCTGCGTTTTCTACTACGTCC
TCACTGGTGGTTGCCATCCTTTCGATGACGAAGAAGGCTGGATGCAGATCCGCGAATACA
ACATCAAAAAAGAGAAGTCCAATCTCGATCGCCTGCTTCTCGGTGCCGATTCCGTAGAGC
CCCATCGTCTCATCCATTGGATGCTGCGACCCAGGCCCGAAGACCGCCCCAACGCCTTGC
AAGTCATGAACCATCCCTTTTTCTGGGACGATCAGAAACGCCTTGATTTCCTGTGCGACT
GCTCGGATCATTGGGAACGTGAACCCAGAGACCCACCATCGGAACACCTGGCAGTGCTGG
AAGAATATTCGGAAGACGTACTGGATCATAGACGCAACTTCCTCGCCAAACTTGACCAGA
GTTTCATCAACTCGCTCGGAAAACAGCGCAAGTATACGGGCGACAAGATGCTGGATCTGT
TGAGAGCGCTCAGGAACAAGAAAAACCACTACGAGGATATGGAGGATGCAATCAAGGCCA
AGGTGGGGCCATTGCCGAGTGGCTATCTGAGATATTGGACGGTCAAGTTCCCGCAGCTGC
TGATGAGCTGTTATGACGCGGTGTTGCGATGTGATCTGGAGCGCGAGCCGCGATTTAAGA
AGTATTTCGAGAGCATGAAGTAGTGGACGAAGAATGTTATTGCGATTGATGCACACACAG
ACCGAACATGATTGTTTGTCCATTCGTTTGGATTTGCTGTAGCCCTCTGATGAAGACCAT
GTGCTACCTCTTCAATCGACTGCCATCCAGCTCCGCTAAACTCGCCTTTACCATGTCCGG
GTTGTTGTTCAACAGCTCTTGCACCCTCTTTTCGAAAGCCTTGACCATGAATTCTGCCAC
CTTGGGCGCGACGCCCCCACTCAAGGCCGCGTACATGGGATTTGCAAAAGCAAACTCTAC
CGCCAAACTAACCTGTGTCTGGTCGTTCTGGATAGACTCGACAGTCCACGTACTCCGTAG
ATGGGTAAGCAAACCATTTTCGCCTTGTTTCCTCTCTGTTCCCTGCTTCTCCCCATCTAA
GTGATGGGCGATATCGTCAATCTTCAAGCTCGTTTCCGTGTTCCCGCCTACACTTTCCAC
ATAGCGTCCCGGTATGCAATACACCCTACTCACGAAACTCTCGGTTATGCCACCAAAGCC
GCTCGTCAAGATGCCTTCTGATGGCCACCGCCGGCCATGAACTTTATCTGGTGCCGACCA
CTTCGTTATGTCGCTGCGTTGGCAGTAGGGCAGGAAGTTTTGGTAGTTGGGTACGTCGGC
TATGATGGAGTAGACGGGGTCCGAGGGGTAAGGGAGAGTTCGCACGGCGGTCAGGATTTG
AGGTGGCGAGGACGAAGATGGGAGGGCGGAGTTTAGTGCTTCGAAAGGGTTGGGGAGGAA
GGTTCGCCGTTGGGGGAGGCGCTGGGGAAGACGCGTGTAGCGGTGCACCGATGGGCGAGC
GGATCGCAAGGATGCCATTGTGGATCTAGAGCAGTGGACAGCGGAGTTTGTATTGAGAGT
GTCACCTCGACATGATACCTGAGGTTTTCCGAAAGCCTAGAATCGATGAGCGCATCAACC
TTCAGTTGAGTGTGGATTCGCGCCGCTAGGAGATGCGGCTCTGCAATGACGCTGCCAGGG
ACCGCGGCCGCTAAACTCCTCTCGACATTAGCGGCTGAAATTTCCCCTCCATGAATTATC
CCCATGCCCCGCGTACGCGACTCTAACAAAAGTCGGCCACGGCTGCGAAAATGGATGCCA
TGGAAAGCGCAAACACAGACGCCATGGACGGCCCAAGTTCTCAGGATAGTGGCGACTCCA
GATTCCAGACGGACAACAGCATGTCAAGGAAGCCACAGCCTAAACAGCAATTATCCAAAG
CAATGGAACATATGCGCTTCGCAGTCACAGTCGATCCTATACCGCATACTTCGACTTCCA
CGCCACCGCCAGAAGCCTCCGATGCCGCATCTCCACCCACGCAACAAGGCCCCGAGAACG
ACGCTTACGGAGTACCTGCTTCTCTACAGCCTGTCCGCGCACCACCCTCTCGCTCCCACG
ACCCTGGCAACAACCAAAAGCGCAGTGACCCCTTCGCATTCGGATCGCGCTACCTCGAGG
AAGGCGACAACATCTTCGAATTCAATGCCTGGGACCACGTAACCGTCGACTCCAACTACC
TTGCCTTCTCCGAAGAACAATATTCCAAACAACGGCAAGAGCCCGTCTCCGAGTTTGATC
GCAAACGTTACAACGACCAGCCCGAGAAGTGGTGGAACCAATTTTACAAGAACAACAAGA
CAAACTTCTTCAAGAATCGCAAATGGCTGGCGCAGGAATTTCCAATACTAGAGGAACTGG

GTGCAGAAGATGGACCCGAGGCTACCTTGTTGGAAGTTGGCGCTGGAGCGGGCAACAGTG
CGTTTCCCATCTTGCAGAGGAGCCAAAACAAGAGGCTGAAGATACACGCATGCGATTTCT
CTAAAAAGGCAGTCGAGCTTATACGTAACCACGAACTCTACGACCCGGAACGCATACAAG
CCGACGTATGGGACGTAGCCGCATCGCCCGACTCTGAAAACGGCGGTCTCCCTCCAGGGC
TGATAGAAGGCAGCGTGGATGTCGTACTCATGATATTCATCTTCAGTGCCCTAAATCCCA
AGCAATGGGACCAAGCCGTCCGCAATATCTGGCGGGTCCTCAAGCCGGGCGGCCAGGTCC
TGTTCCGCGACTACGGACGCGGCGATCTAGCTCAGGTCCGCTTCAAAAAAGGCCGGTACA
TGGAAGAAAACTTCTACGTCCGCGGCGACGGCACGCGAGTCTACTTCTTCGAGCAGTCTG
AGCTCGAGGACATTTGGGGTGGAGCAGCCAGGAAACGCGATACGACGGTTGGCAATGTGG
CGGATACAACAATATCCCAGACAGAGGCTGAAGGCGTCATCGCGGATAAGATTGAGAGTC
TGTCGCTTCATGATCCGGATTCGCAGACGAGAGAGCAGAGTCATGATGACGTTAATGATC
CCGAGACCCCCAGACCGGGTTTTGAGGTTGCGCACATTGGCGTTGATAGACGTATGCTGG
TGAATAGGCAGAGGAGGTTGAAAATGTATAGGTGTTGGATGCAGGCTGTGTTTCGCAAGG
CGGGCATGGAGAGTGAGGTGCCGACAAGTACGTTGAGGCAGGATAAGGAGGAGGAAGAGG
GTGGGGACGGTGTAGCGGATGAACAAGGAGAGAGCCAGGCGAGCAAAGAGGATGCCGTGG
AAGGAGGGGGCGTCAAGGTCTGAGGACCTGTGTCTTGAAGCCTGGAATACAAGGATCTGC
ATGGATGGGATGAAGATGAATGATACCATAACCTCTGAGACATAAAAAGATGCAAAAGCA
CAAAAGTTCGGTCTTTAACCCATTGATGAATCTTGGGAATCACTGTCATATGAAAGTGCA
TCGTGTTGAAATCGTACTGCATTTCTGGTGTACAGCTGTTATGCCCCTGAATGAAGCCGG
CTATGCTACGCTAAAAGACTATTGCTCATAACACAAGCGATGATGCAGGTGCAAAAACTT
TGGCGCCACGCTTCGCAAAACAAGTAGACAAACACAGAGCCTCAATCGAGGATGTCACAA
TATGATCCGTAATCAAGCCCCATTCCATGCGACCGGATCCAAAAGCACAACAACAGCGTC
TTTTCAGTTTCCCTCCAGGATACCCTTGAGGATGCCAGCTCCAGGCCCCACGAGTGAATC
CGCCAACTCCTTCTCTCCAACAACGCTAGCAACCCTGCGATCCTCAACAACAACCCCAGG
AAAAGCTTTACCCCTCCCCCTGCGACTAGGCGTGCCAGCGCCAACATCCAGCGACCCAGC
TTTACCCTCCACTGCAGAAACAAGCGACAGTGTCTCCAAACTGCCTACGATATCCCTGAA
CTCAGTGCTCGTAAGAGGATGTAGAATGTTCTCTCGCTTACACAGCGCGGTGTAGGCTTC
AAAAAGTTCTTTGATGGTAGGAGATGTAGTGTGGGATCTTGACGGTGTGGCTAGAATGCT
GTCGGCAGCGGTGGCACGCTTCCTTTTTTCAATGGCGGAGAGCGAGCAGAGGACGGCTTT
TTGTTGGAGGTTCAGGTTTCGCAGACGTTGACTTGTGCCGTTGCTGAATACTGCTGCTGT
GATCTTGGCCATGTGGGCAATGGTGGCGCGGGGTGCGGTTTCGACAGTGAGGGAGCCCAG
GGAGGCAGCGATGATGCTGTTCAGGTCTTTGGTTTTGGTGGGTGAGCGCACGGCTGAGCA
GGAGAGGTTGACTTTTTCAACTAGAGGGGTTTTCGAGGGCGAGGGCGTGGGTGATGGTGT
GATTTCTGTGGCTTTTTTCAAGTGTTGGTCGCGCGTGTCGGCTTCGATGAGGTCGATTGC
CCGCCGGCAGATGTCGAAGGCTTTGCGTAGGTCGCCGGACTGGGCGGCTACTTTCTTGGA
GAGGAATATGATGGCGGTTGGGTGGATGAATGGTAGTTGGGTTGAGCCTGGTGGGAGAAG
GGCCTTTAGTTTTGAGGTGATGACAGAGGATATTTGTGTGGCGTTGTATGGGAGGAACGG
CAGTAGTTGCGGCTTGAGACCGCGAGCCTTGAGTCGCGGGAGGAATCGATCTGTGAGATC
CAGCGCGTTCGCAATGCCAACTAGCACAAGGCCTGATTCTTTCTGTAACGACCACTCAAA
GATGTTGTAGAAGAGCTCAATGTCCAAGTCCAGCAGGTGGTCCACTTCATCGAGCGTAAC
GACGTAAGATGTCTTCCGTTGCATGAAAACAGTCCTAAGCGCATCCATCTCGTCGCCCTC
TGCGATCTCAGTGATGTCGACGAACTCCTCTAAAAGGGTTCTGTAGAGATCTGTGGCGTT
CTTGACGCTCATACAATTGATGTATCCGGTCCTAACGGCTTCATCCGATGAGACTGTACG
ACAGACGTCGTTGACGAAAGCGCTCTTGCCGGTGCCTGGCGGACCGGAGACGTATATGCA
GCCCGATGTCTTCGTCTTAGTTCGTGTTGTGATGAACGTGTCGAGTTCCTTCCTTTCATT
TTCGCGACCAAACAATGCAGTTGGGGCAGAGCCTCTTGCAAATACCTGACGCGCTTCATT
GTAGATTGTCGGCCCTGTGTTTCGTGGAGTGCCTGGGGTGTGTGGTGTGCGCGGTGTCAA
AGGTCGACCGGCAATGATGAGTCGGTGCCTGGGTGTGACGGCAACTTTGCCGGCAAGCGC
GTCGCGATGTCTCGGTGTCGAAGGAGTAGGCGCAAAGTTTTCTGGGATGTCCACGAGCGC
CTTCTGCGGGGAGTTCTCCTTGGCTGCGGAAACGGGGAGTCGTGTGCATTGCGAGTCATA
CTTTGCGGGAGTTGTGCCTGTCTTCCTTCCGCGTTTTATCGACGCCTTCTCCTCGGGCTC
ATCCACGTCCATTGCATCCTCGTCGCGCACATTTTGCTTCTTTGGAGTGACGAAGGGATT
CTCAATCTCCCCTTCGTCGTGTATAACGAACTGAGTCCTCCACTTTGTGCGCGTTGCGAT
GTTTAATTTTGACTCTGTAGAGCGCGTTAGGGACGTGTTGTCCAAGGAACCGCGACCAGA
GCCGCCGTGGCTCGTACCTGAAGCTTCTATACGTGCAGAGCTGCGAGTCCTCTTGCCGAG
AACGGTAGAGGCCATCTTGGGTATGCTGTGGGAAGGTGCGAGGGGTGCGTTGCAATTGCC
GACAGTGTGAGAGCGTCAATCATGGAAGGAACTGAGCGGCACACGAAGCACGCGCGACGC
GTAAAGTGGTGGTCGGTGCGCGTCCCGCCCCAAAAGTCTTCTAACCCATCTTGTCACGCG
CCTTTCTCCGCCTCCCACATATCTTACGAACATGGCCCAGCATCACTCAGTCAGCGGTGA
ATATGTCACGCGAACCTCGGGCTTGTCGAGCTGTTTGCTGCGAAACCCCTGCGCCTCGTA
ACAACTCTCCAACGAGATCATGTCCCTCTCCAACGCCTGGTCCACATCTACTGATCCTGG
ACTGACGTGCAGAGCATGACTACTGTCTCACCACTGCCACTTCGTTTGCGTGGTACAATT
GGGCTGCCTTTTCGTTCTGCCGATTCTTGTGGTGGTGCAAGAAGCAGGGCTGGTATTAAG
TGTGTGACGTGAGCAAGCACAATGACCAGCAGTATAAGGACCTTCGCACACAGTAGCCAT
ATCATAGTCAACTCTTCTACTTCACCGCTATCTTCGCACTGCTTTTTCATTATTTCACAG
CGTGGTGTGTTGGGCATCATCAACAAAGAGAACACGAAATGCCATATCAGACATACCCGT
GGTGGTCGAATGGCTTTGACTTCTTAGATTCACATGCGCGCTGTACCAATCCTCGATCGT
CTCGAAGGCTGCGAGCTCCATGGTGGGCGTTCTCAGAGCTCGCAGCAGGTCCATGCTGCG

AGTTTTGTGTTACTCATGACAACATTGTACGCTACATGCTACCCGCTTAGCCTTTTCTGA
TTACGCCCGCCTAACAATGTGTAGCCGAGTCTGGAAGAGGGCCTCTTTGAGCTGAGAATG
GTAGCATCACCATATTTCGACCACGTCCTGGAGGCATACAAATGTATCCATCGCTACTAC
AAGCACGGTTTCGATCAAGATGGCCCGGAGTCTTATTATGTGTCGCGTGAGATAGAGAGG
CTATCAAAGTTGTTACGCAAATTGTACTTTGCAACAGGTATGCATGAGTTGGCTTCATGG
TCGGACCAGTTGAAGTACATGGGAAGGGATACACAAATGAGTTCCAGACGTTTTCGATCC
AGCGCAATGTCTAAGCATCGGAACAATCGTGGATCGTTGATGCCGCTGATTATGTTCTAG
ACATAGATGCTTGGACTGCTGGTGTTGAACTCAACTTGCGCTCATATCGAATGGCTTGGA
TCACGCTCTAGAGATTTGCTGCGGTCGCTATTTGTAGACTGTCATTCGATGTACGTTAGA
CATGTCACTGCTGCTATCTTTCCTGAGTATGCGATCGTTCTTTGAGAAGTCGAGCGGTGT
GGCGATCATGACCTCGAAGTGAAGAACGAAAAATGGCTACTGAACGTGAAACAAGCCGGC
TTGTCGTACAAAAGATTGCACATGACAGCTCTAGCTGTAGTTTTAGGAATGCTCTGGCCA
TGTATCGAATATCTCTGGTGTGACGCCGCTTTCCAACTACCGCACCAGAACAACTCATTA
ACTTCTACCATGATTGGGTCTTTCCGCTGGAAAGCGTACGTAATTATTCTAATAGCAATA
TATTCCCTGTTCAGCAAGCAGGACTTGTATACTGGGGTACTACGCACGTTGTACATATAC
GCAGGCGGTGGACCCCCAGCGAATGCGTGAGTGGCCATTTGGCAAAAGCATTGCAGGCTA
GAGATTGCTCGAACACAAGTGCGGCTCCGAGAGATGCAATGAGAAAGTGGCAGCCAAGTA
GGACAGGAAGGTCATCTACACTAGACGTAAACTGTATTCGCTTAGTAGGAACGTGGAATG
AATGTATTGACTATCATGACGTTCCTGCTTGCAGTGCCGGACATCGGAAGAATACAGGAA
ACAAGAGAAGCAGTTTACTTGCGAGCGTCATATGTCTTAGTCCTTCTCTCATGTACAAGC
AAGTAGAGCGGTGAGTTTGTTTGCTCCCTCGCTAATACTGTCTTGCCTCTGTCAATCCTG
CGATCCACTTGGACGCCACCCTCGTACCGACTGCCACCACGACCAATTCTCTCCGATATT
TGTTTATTCAGGTTGTCGCAAGCCAAGATCAGCACATTACCCCTTGATACACGGTAATGC
CGTCTTACGACGCTACTTGTGAGACAGTGCGCGCTCGGTTCTTCAAGGAAATGGGCGAGG
CCACCTACGATGCAGAGCGCGGCCGGGCGATCCAATCTATGGCCGAAGTAGCTCACCAAG
CAGAGTGCATTCGCTCCGTGCAGCAAGTCGTCCATAGTCTCCCCAATATCTGCCAGACCG
ACCTAAAGATTGCGCTGCAGGCTACTAAGATTGAAGAACGCATCCTCATCCTATACGCGG
ATCCCATCACCAACGCTATTGAGATCCAGGTCCTGAAAAAGGCCTGGTCTAGTTGACTAC
AAGACTATACTTAGCCGCCCACAGAGCACATGATATCGCTTTCGAAGCTGATGTTCGCAA
TCCTGCTTATACTGTCCCTTTGGCCCTAGAAAAGTTTGTAGCAAAGGATGAGAGGGCATA
CATGGCCATGACAACGAGATGAAATTCAGAGATATTCATGGCGATGAAGTTGGAAGCTCA
AGCTCCGGAAATTGCGGTATTGATAGGAAAGGTCCTGGAAGCTCAGATCCAACCTTGAAA
GAACAACGACCCTCAACCTGCGTAGAGGATGTGTGAGCGGTACAAGGATCGCAGTAACAA
CAGCATCAGGAGCAGTGACAACGACAAGACGTAGAATGGAAAATGCAAGCGAAAAGCGGG
CGACTAGAGAAGGCAATGATGGGACGTCGCGATTTGGAACTACGTACGTAGATGGCGTGG
CGAACGACGAGACGGGGGCGATCTTCAGCTGTTGGGGAATGCGTGGAAACGCAGGCTGTT
CTATTTGCAGAGTTCCAGAAGCACGTAGGTAGCATCGGCGACCAAATCTTGGAACCGACA
GGTAGCCATGAAAAGCTTGTTTGCTGGATCACTTTCGCCTGTTATTGTTTCTTGCGGGGT
GCATTGCCGTACCAAGCTTTCGGAAGGGATGCCCCCGCCCCTGAGTCGCCAACCGTGCGT
GACACTTCAATCATGATACAACCACACTTTCTTGCTAACCTAAGACATTCTTTTGTCGAT
GCAGTGCAGTCACTTGTACTTTTTTGCCTCGAAATCTGTGAGAGCGGCCGTATTATGTAA
CGAAGGCGCTTGGATGCACGTCGCTGGGGTGTGGAGCTGAATTCCCCTCGCACATATGCA
GAAGAGAACCGTGCCGCCGATCATGTCCTTCCTAGCGCACGGCGTGCATCAAAGCAACAC
CGCGATATTGTTTTTTCAGCCTGCTCAACAGAACCGATGTCTGAGGCATAGCTCCTCATC
GCTAAGGACGCGAGCCAGCTATGGTGTGATGACTGCACAAACGCCCTTAGGGGTATTGTG
CTACCGTATAGGCATGGGCCAACAGACGGGCATATAATCCGCAGAGACCTGCATTTCGGA
ATCTGCACGCTCGTTTACTTTCGTTCCGAGTCAACATGAAGTGGACATCGTCTCTAACGT
TTGGTGCTGCCGTCTTGGCCTCTCTCGCGACGGCACAAGATACGCCGACAAACGATCGCC
AACCCACAGTGAGCGCGCCGTACGAGAACCCATGGAAGGCATTGTCCGAAGAAGAAGCTG
CTAGTGTCAATGAGCTTCTACAGGAGAGAATGAGCTTGACAGGCAACACAGGATCCAGCC
GAGATAACTTTGTGTGAGTCTGGCAATCCAAAACATCACTGTGCCTACTAACACCATCTC
AGCGTACAGCTTTCCCTTCTTCATCCCAACAAGACGGACACTCTACCCTTTCTCGACAAC
AATGCCACCGCACCAAGGCGTTATGCGCGAGCAACTATTCAAAGCGGTACCACCAACTCG
ACGGAGAAATACTGGCAAGAGTATTTGGTAGGGCCGCTACCAGCAACAAACGCCACTGCG
GTTGAACCGTTGACATTTCCTTTCCAAAACTCTCAACCGGGACGAACTCCCATGCATCCT
TTGTACTCACCTAATGAAGCATCAAGTTTCTTCACGAGGTTCTCGACAGAGGTCGAGGAT
ATCTCAATGCAACTGTTCAACACTGTAAGTTAGAAGACATACGCACTAGGTAACAGCAAA
AGCTTACATGTCTAGACTTTCTTTACTGGTAGCATTGGTCTCCGGCTCGGTAGTCCCTTC
TGGGATGAAGAAGGCCGAATAATTTCCTGGGCGGCGGCCTTTGCGGATCCAGGTACCAAA
CTTAGCAGTGTTACAGTGGAGCCGCTCGGTTTTGCTGTAAAGTTTGATTTGACTGGACAA
AATTCGGACAATTGGAAAGCTGTTGGCTGGTACTCGAAAGGAGAGTTTTATGCCAGTACT
GACGACTTCCGTGCCGCAATCAACCAGCCCGACTACCAGAAACCACCACCGAATGTACTG
GGTAACTGGACGTCCACTGACAGGCAGGGAACGCCCATGCCCTTGGACCATCTACCACCG
CCAGCGTCTATCGCCCAAGGAGACCAGCGATTCAAGATTGATGCTGAAGAGGGATATATA
TCTTGGATGGACTTTACGTTTTACCATGCTGTCTCCCAGGATCTTGGCCTTTCGCTGTTC
GACATCAAATACAAAGGCCGACGTATCATTTACGAGTTGTCTTTGCAAGAAGCTCTGACG
TCCTACTCCGGAACCGATCCTTTCCAATCGCAAGCAACATTCTTCGACACTACAAGTGGT
ATGGGCTCGACACTACAACCTCTTGTCAAGGGTTACGACTGCCCTAGTCATGCGACATAT

CTCCCTGCGACATGGACCGAAGGCGATACACTCAAGACCCAAGCGGATGCTATATGCATA
TTTGAGTTTGATGCTGGCTACCCGATCCGCCGCCACTCTTTCTCACCATCCGCACCACAC
ACCAGTGTAGCAAAGAATATCCAATTTGTCATGCGTACCGTAGCCACAGTAGGCAACTAC
GACTTCATGATCGACTACAGCTTCTTCTACGACGGAGGCATCGAAGTATCCTCTCGATTT
TCTGGATATATTGCCGCTGCCTATTGGGATGGCCAACCGGAGTACGGCTTCCACATCCAT
GACTTTCTCTCAGGTAGCTCACACGACCACACCCTCACATTCAAGGTGGACTTGGATATC
AACGGAAGGAAGAACAGTGTGCAGAAACTGCAATTTGTGCCAACTTCCACGACATATCCC
TGGAGTCAAGGTCGAGTATACAACACTTTTAAAGCCGAGCGATCATGGGTAGCCAACGAG
AGCGAATCCAAGATCAATTGGGCGGAGAACGATAACACATTGTACGCCATTGTGAACAGG
GATACACCGAACCCATACGGCGAATACCCGGGTTACAGAATCAAGAGAGCTGCCGGTACA
ATCCATCTCACACAAACAAACTCGACAAACACTGGCAAGACGGGTGCCTTTGTGACGCAC
GACTTTTACGTTACTCAGCAAAAGGAGACGGAGCCGAGGGCTGCGGATGCCAACAACCAG
TTTAACAAGGATGATCCCTTGGTAGATTTTGCATCCTTCTTCGATGAGGAGACTTTGGAG
CAGGAAGACTTGTTCGTAATCCCATTCCTTATCAGTATCGCGGCTGATGATATATAACAC
CTTACTAACAAGACACAGAGTACTCTGGTTCAACCTTGGCATGCACCACCTCCCGCATAC
TGGCGATTTGCCAAACACAATGTTTAGCTCTGCGCATTCTGCCATGCGATTCGAGCCACT
TAACTACCTCGTCGGCGATCCATCTGTCTCGAGTAACCAGCAAGTCAGGATCGAATACGA
CGACCAAGGTGCTGTTACGAGCGTGGATGAGTTTGGCAAAATGTCTGCCAATACGACTTG
CGCTTGATCTGCTTCGAGGTGGAGAACTGCATGCTATCAGGCTTGCACTACTTTGTTGTT
TCTGAACTGTCCATAATCATTTTCTTTTCTCAAATGCTATTACTATACTTTCTTTCTTGT
CTATCCAACCTTTTGCTCTCCAAATGATGTGCATAGTCCCGCATGGTTAGCTTGTTCGAT
TTTCTAGCATTGATCCTATATCTAGTCATGTACGCATCGCTTCGCCTAACAGGGATTGTG
CCCCTCCTCAGAAACGCCTCTTCGTATACGCACATGCAGTAAAAACCTGTTGCGGATGAA
TCAAGTTGTGGCGTAGCTGTGCTGCATCACGCAAGGTCCAGGCCCTGGCTTTACAACCTT
TCGTCCTCAACATTGAGTAGGTCTCGTTTCCAACAGGCACTACGCCAAATGCTGGCAATG
GCTTCAGGTGTACTAAATCACATGCGATTCTACGCCTCTGATTGCCAAGGAGGTGAACAC
GTAACACGCATGCAGCGTATGGGTCATGACGAGGTCTATCCCGCACTAACGATGTGTTCA
GGTATCGTGCGCACTCCTACCGGGATGGTCGCCAGCTATTCCTACTTTAGATCGATGCCG
AAGATATACAGAATAGAAGTAGAAAAATGAGACATAATTCCAACTGTCTGTATTGATGTC
TTTAAACAAAAAAGAAACTTCAGGTTTTTCATCTAGTCGCGATCTTTTTAATGCTGCATC
ATTTGAAACAGACGAAAAACCGAAACGCAATCTTTCTCCTTGCATAATGTAGCGCAAAGC
GTCGTTTTGGGTACGATGAGCGCGCAGCGAAAAGAACTTTACGGATCCTGTCTTCTTATC
AGCCACCATGGGTGAGATCGGGTAGAGCATTGTTCCTCTATACTCAAACTCATTTTATTT
CACGAGGTTGTCCAAGTACCCCATAGACAAACAAAATAATGTGACATTTAACGGAACTGC
TACAAAAGGCTTCATAGAAAGACTTTCACTCATTACCATCCAGCTATTGGTATCAACGTG
TTTTGCGTATATTAGCCTATATTGGCAGCCAACACCGTCGTTCTCGCCAGCCTGATCATG
CGCTGTGCTTCTTCTTCTTCTTCTTCCTCCATAGTACAGTACACCCCGGTAATGTCT
CCCTTTCTGTGACGTGGGATCATGAAGCCGCAACCAACGGCTTCACGTGTTGCTTCCAGA
CATCTAGAAATGCCCTTCTATCCTTCTTGCTTTGAAACTTGATGTCCAATTCCGAATACC
CAAACCGATTTAAGTTGCCCGCTCTCGAAAATCCACTGCCATTTCCAAATATGCTCCTCG
GCGACTGGAGCGAGCCGTTCAGTGACCCTGAGGCCCTACTTTCTGATCGCGCCAATTCTG
GCATCTCCATAGAGTCGTTTCGTTTCCTTTCGAAGAGAGAAGAGTTCACAGGCTCGGACT
CGGACCGGGTCGATGATTTGCGGCGTTTGAGCAGCTTATCGGTCGCCCAACGCGATGGGT
CTTTTGAAAAGACAAGAGTAAGCTTGTCGCTTTCTTTCTTGTAGATAGAATCTGCAAGCC
ACTCGAACGCGTAATGTGGCTCCTCGACCCAGTGACCTTTCTCTTCTTCTAACGCGCTTG
TGTAGAATAGCAAAACCAGAACCTCGGATGTGATGAGCTCGCCATCTACCAGCTGCGTCT
CAACGCGCCGCCATAATCGCAGATTCTTGTTACGACATTCAGTTGGATTTTTGTTTGACG
ATATAGCCAGGATAGGTCGATCGAATTTAAGTTCGGCAGGATCGACGCCGTTGTTGGTGT
ATAATAAGGTTTGGAACTTGTCCGCTGATTCGTGACCAACAAATGTGTATTTAATGTCAA
TGTACTGTTTGTATAGTCTTCCGAACGAACCACGTGGAAAATCAATAGACACTGCACCGT
CAGCGTATGTGGTAGTCAATGGTATCGATGGACCGGTGGCAGGGAAATGCTGTTCAGTCC
AAGTGCGTAGTTTTCCATCTTGGCTAGAGTAATATACTGCTCGCAGCGAGATGCCAGTAT
CTTCTCGATATCGCCACCGAACGTCGCATTCACGGTTCTCGGGCCCGTACTTTAAAGACT
TTCGTTCAACCTGCACATTGCGACAGACGCGCTTCCAATCGAGTGCAGCGTCACCTAATG
CCATGGTGGCCAGCGATGTGCGCGAAAGACTGCGTTGCAGCGTGGGAGATAGCGACTTTT
CTGGGGTAGTACCTGCTGAATAGCATTCGCTACTTCTTGTTGTAGACATAGAGGCAGTTC
GGCCCGAACAAAGAGACTTTGATGTTGGCGACTGTGTCCAGTTGAACGAGCCAAAATAAT
CTGGGGATGATGGTCGTATGCTCAAGCTGGGACGGATGGTGGCTGTCGAGTCACTCATCA
GTTCTTGGCCAGACTCCGTAAAGTCACCAGAATGGTCTGTCTTGAGGGTATACACTCGCG
GTGGTGCTGGTGGCATATCGCGGACCTCCTGCTTCATCGTATCGCTCGGGACCAGGTGTG
TTCGTTTCTCGGCAGTAGCCCGCTTCGCGCGATTTTCTTCAATGAGTATCGCATCGTCAA
CCTGTCGCCTAAGTTGATACAGTACTGCAGCGGTTTGAACATCGCCACTCGGTATAGAAG
CGGGTATGTCGCCTAGCGATAGGGGCCGTGACGATCCCGCTTCTTGAGCTATGCGTTCAT
CCTCGCTTTGTAGCCATCTATCAAAAATCTTCCATTCGCTGAACAATGGGTGTTCGTCAG
GAGGCGCAAGCGCTAATGGCGTATGGTTGCTGGAAATTCCAAGACTGTGAGTGGAGTATG
AGCGGCGACCCATGTTTACTGTACGAGATGGCGCGGCATCGAGAAGGCGCTGAGTTTGCT
TTGTTGCTTCGAGATGAAGCCGTCTAGTGGCGGTCAGCGACTAAATCCTAAGCGCTGAGT
GCGCATGACGCTTACAACTGGAGAAATGAGATGCACATGTTGAGAGCTTGATAGTGACCG

CTGATCTGTTTTCTCAGTCCATCGATTTCTTTTTCCATCCCTATATAGCGGATAGTGAAG
ATGAACTTCTTAACAGACATCTTCCTATCGACGAGATGATCAGCGTATGGTTCCAGGGTC
TTTTCACACTTCTTCAGCGTGTCTTCGAAATCTTTGACGGGAAATGGCATTGTTTGGCCA
TATTGTTTCATCAATTCGCCTAGCTGTTTGAGACAAGTATGGAAGGTGGTGAACTCTTTC
ACAAGCCCACTAACTTGAGCTTCTGAGTTCTCATTCGCATCTGAATGTAGGGATTAGCAA
GCTGATCCCTGGAAGATACTGATGCAGGGTGGTAGCTGAACATACCTTTGAAAGCAAGGT
ATACACGAGTCGAGATCTCCAACAGCTTCAACACATCGGATGGACTACATCCAAAAGACA
TTTCGGTTCGCTTGCGCCGCGCTCAAGCGCAACACAGGATGTTTAGTGACTGACCATGCG
TTGTGGAACTGCTAGTACACAGTGGAGGCAACAGTCAAGAGAAGTTCAAGCCTCTGAGAG
ACGCAAACGGGGTTGTAGAAGAATCTTCCAAGCTTACATCCAGCTTCCCGACATGTGCAT
AACTTGGCTAACCCAAAGGCAGACCGCTGCGACATCTGGAGTGGCTTAGCATATTATCTG
ACATGCTACTAGAGCCCAGGCACGCGCATTTCTCAAGCCTTCCAACGTCGGAAGCACTAC
TTGCAGCCGTGATCTTATTCAAGAGCGGCATACAGCTCGTATTCGTGCATGTGGCGGTAT
CAGGATGGTTCACCGAAACCGGTATGGCGGCTTTTGACGTTCAATGAGGATGCGAAGATC
ACCACGTGGGGAGGCGAACGGCCATCGTCAACTACCAGATACCCAGATTAGCCAACCATC
ATCATCCAGGACCGCGCGGCTTCCACTCAAAATATTGAAGGCAATATCATGATTCCATCT
TACAGACATTCTGACAAGTCCAAAGTCCACACTGTCCACCGCAACTGTGTTCATTCTTGC
GCTGGCACCCGCCCTAGACATGACGAGTCGCAGATGACATCCTCAGTTAGCCATCAATGG
TAATCTCAGATGACCTGTAAGGTTGACATGTCAGGGCTATGCTGCGGTTTTTCTGCAGCA
ACAAACGCCACCAAGTCTGACTTCGGCGAAGAGAACAAGATTGGACACGATGAGGAAGAA
CCCATGAGTAGCGCCAATTCCAATGCACCCCCTTTTGTTGACCGGTTTATTGTGTCGCCT
CGGGCTGTGCATGAGTTTCTAAGAGTGGCTTCGGTGATGCGCATCGTAGTGGAGGCTGAA
GCTTCGTACGCCCTCAATATGAACTGCGCTGCCCCGAGAGGATTGTGTACAACAAACGAC
GCAACACAAAGAGATTTTGCCAAAGCATACGCGTTGGGGTGCGACTACCTGTTGTAAAAG
AAGTTCATCATTAACGCGACGATGGGTCTTCGGAACTGGATCACACGACCAATCAAGGGC
CACCATATCGGGATAGAGGACTTGACCGCAGGCGGGAGCGGCTTTCCTGTGGGTTATTCC
TGTTCACACGCAATGAGTTCACTGCTTGTAGGTGTCTTGCTGATCTTAGTGACAGGAGAT
AAGGCGTCGGCGATGGACGCTCGCAACAATCGATTCAGCACCCTTCCAGGTCTGGGTAGT
GGTAGTCGCTGGCATCGGCTTCCTAACAGATGCGTTCGGACTCTTCGCCTTGAATGTCGT
TACTCCTATGTTAGGTTACGTCTACTGGCCTAACCACGACGAAGGTGGTATACCCTCGGT
GCCGTCCTCGGTCAAGACGGCCATGATGTGTTCAACACTTGCGGGTACAATGGTAGGTCA
GATAGGATTCGGCTTCGCAGCAGATCTTCTGGGCCGACGCAAGATGTATGGGCTCGAGTT
GGTAATCATTATCGTCGGTACAATGTTGCTACTCATGAGTTCGAACGGAGAAAAGAATAG
CATGGCGATTGGAGGGTGGCTAATCACCTGGCGAGCGATTATGGGTAAGAAAGAGTGACC
TGGCTCATGGATTCTTGATAGTACTGACATTACGGAGGCATTGGTATCGGGGCTGACTAC
CCTTTGAGTGCTGTATGTATCGATATCGAGCGTGCTCGTCGCTTTACTGATCGTGAAATA
GGTTATCACTGCGGAGTTCGCTCCTCGCAAGCACCGTGCGCGCATGCTGAGCTGGGTTTT
CTTTGCTCAACCTGTTGGACAACTACTCGCCAATGTCCTGTCGCTTGCTGCAGTAGAAGC
GTACAAGCCCTGGATCAAGAATAATGTAGGATCTTGTCAACCTACCGACCTGGAGTGTTT
TCGAGCTATCGATCGGCTGTGGAGACTTGTCATCGGCATTGGCGTTGTGCCGGCTCTCAT
TGCTCTCGTATTTCGATTTACAATCCCAGAGAGCCCGAGGTACACACTGGACATCTTGCA
AAACACGAAAGGTACTCTCGAGGACACCGCGAACTTTTTCGGCGCGCCCGAAGCGAACCC
TGAACATGGCGAGGTCGAATTATTGAATGTGCCTGCTTCATCGGAGAGCCGAAGGCCTGC
TTCGAGGCATTCAACTACTTCTTCAGTGATTGCACCTGACGAGGAGGTTGAGAGCGACAG
TGAATCCGAGCACCGACTCAGTAACGTGCATCTTCGTACCACTGCAGCACCGCAGGTCCA
GCTTTCTCCAGGAGATCCAGAGTTTTCCCCTCCACTCGCCTCATGGACCGATGCAAAACA
GTTTTTTATTGCCGAGAAGAATTGGCAGTACCTACTGGGAACCTCGTTGGCTTGGCTGTT
TCTCGATTTCGCATGTGAGTAGACCACTAAGCCGCTGCGACAGACTTACTGACTTTGAGG
CAGTCTATGGGCTGGGTCTATCCTCACCAGAGATTGTCAGACACATCTGGCCGGGTGGTA
TCAAAAATGAGTCATCTGTGTACCAGACACTGAGCGATAACAGCAAATATACCCTGGTTA
TGGTTTCCACAGGGACAGTTGTGGGTGGTCTGCTGATGATCAAGATCGTCAAGTATGTGT
CACCGAAAGTGATCCAGTTCTGGGGGTTCCTGGTTCTGTTCGTACTCTTCATCGTAACCG
GGAGCGCTTGGACGAACTTGCTCGACAGCAGTCGATCAGGACTGATGGTACTGTATGTGA
TCAGTCACATCGCCTTCAACCTAGGGCCGAATGTGACGACATTCATCATTCCTCCTGAGA
TCTTTCCGACAAGATATCGGTGTACCTGCCACGGGATAGCTGCTGCTAGTGGAAAACTCG
GGTCTTGGGTAGTGCAGATCTTTCTGGCGTATGCTTTCCAATCCGACAAGTCTAAAAACC
AGGACGATTTCAGATGGGAACGACAGAACTTCGGGCACATCTTACAAGTCATGAGCGCGT
TCATGGTAGCGGGTGCTGTGACGACATATTTCTTGGTCCCGGAGACGAGGGATCACGATA
ATAAGAGTCGAACACTGGAGATTCTGGCATGCGGCAAAAAGGTCATTGATGAGCTGAACC
GTCAACGGAAGAAGGAAGATGAGGAGGACTAAGCCTTTAGTGCGTTCGGTAACGCGAAAG
TATTTTGAATCAGTCCAGGGCCTGGTAACCTTAGTGCAAATGTGATGATGCCATGGCGGG
CGTGTTCGTGGGTTCATGTTGGGCTTTCGCAATCAGTTGTCCAGCCACCTAGATATGACG
CACCACTCTTAGACACTAGTCCCACTCGGTACTAGACGAAACCCCTCCTCCAAGGTGCCG
CCCTCCATTTCCGAACTCCTACAGTTTCGAAGTCTTGAGAAATCCAGGGCTATGACTTGC
AACTCCCTCGACCAGTAATACGAGACAAATTGATAAAGACCGGTCAACACCCCTCAAATG
TACTCAATTATGAGAACAGGATGAGCGGAATTACCTGTAGATCAGAAAGAAATGCATAAG
GTGTGAGTAGTATGGAGTAATAAATATTTGTTGAACATCCTTGGTGATTGAGAATTGCCT
ACTTTTGCTTCACAGCTTCATCAACCCTCTTTCCTTTCTACTGCCAGATCAATGTAATCT

TCTTCCACCACGGCCCTTTCACTGTTCTTGCTGGTACTTCCTCAGCGAGAACCTGATCCA
AGCCTGTCTTCATGTCCACCTCCGCTGGATCATAAGCCCAGGTATCGCTCCAGGCCCAGA
TCCGGTGTCCTCCATAGAATAAAAAGAACATGGGAATACCAACGTATGCAGTGAAGAAAG
AGCTGACGTCCCACTTCTCAGGCCAGAAGACATCAAATCCATTGATCAAACACAGGAAGG
TGAAGCTAACGATAACGCACCAAGCTCCCCACTTGTTGACTGGTGAACGATATGGCAGGT
CGGTGATATTTTGCGCTTCACAAGCTTTCCGGAAACGCAAAAAGATGATGCCGCAGCAGA
TCCACGAGATGAAGCCAGACGTGTTTGTCAAGTTGACGAACCAGTTAAAGACGACGGCGC
TCTCGCTGCCTACGTTCAGGTATGCTAGGGCACAGAAGAGTGAAGACGCTGTAACAGCCC
AGTATGGCACACCAGACTTAGTGCATGATTTGAAGATGGAGGGCGCGTTACCAGAAAGCG
CAAGCGCATATAGGGAGCGCGAGGAGAGGAAGAGGAAGGAGTTTCCTGATGACCAAGCAC
TTATGATGATACCGGCGTTGATAACGCTGTCGAGTACCCTAGATGCGTGTATACGAGGTC
AGTGAACGGCCCACAATCAGTTCGTACAGGGCCACTTACGGAATACCGGCGTTCTTGATG
CCTGCGACGAATGGTGACGAACCGGCACCAGATCCCCCAGAGGTGATAATGGGATCATTT
GAGGGACAGATAACACCGATTGCAAGCACACTGCCGACGTAGAAGAAAAGAAGACGGTAG
ATATATCGGCGTGCAGCAGTAGGCAGGTTCCGCCGCGGTGACTGCATCTCACCACCTGTT
GCTACAAGAAGCTCGGGGGCAAATGTAAACGGGAACTAAACAGGGATTAGTGAAGCTGAA
CTAGACCTTGTGGAGCTGTTCACTTACGGCAGAAAGTACCATGGTAGATAGCAGTGCCAC
AAACCGCCCCGCATTACCCTCTTCTAGATATGTATTTGCCGCGCCAGGGTTCTTCCAGTA
TCTGAAACCGAGACGGTCGTGCTTGGGACCACCGCCCCAGAATAGGATGAAAGACAAGAT
AAGCAGTCCCAAAATCATCACAACCTTTGTTCCAGCGAACCAAAACTCCGTCTCGCCGTA
AAACTTGACTGGGAAGCAATTTAGCCCGACGATGACAATGATCATTATCGTGATCCACAC
TGCGATGTTCACGGGTGGGTTCCAATACTCAATGACCAATCCAGCCGCTGTAATCTCGTA
GGGTACCAAGATCCCGAGAGAGTAAAAGTATAACCATCCGAGTCCAAAGCCCATTGAGCG
GGAGACATAGCGGTATCCGAAGAGGTTCATAGAAGACCCAGGAGTCGGGAGATAGGCGGC
GACTTCGATGATACCTGCAACAGTGCAAAAGATCAAGAAGGACATGGCGATATAGGTGGA
TAGGATAAAGGCTGGACCGCCGCGAGCGAGGGTTTGGCCTGAGCCGACAAAGAGACCAGT
GCCTATTGTGCCGCCCAAAGCAATCATTTGGGCATGTCTGCTCTATATTAGCCCCCCAAC
CCACACCACACGGGGAACAGCCAGCAACTTACCTTGACTTCAGACCTCGATGCGTGGTCT
CATAACGCTCATCAAAGATCTCTCCTGCAATGATGGCCGGATCAACAGCGGAACTCTTTC
TACGACTTGCCGTGTGCGAGTTTCGCACATTGCCGATGCCATAGTCCACATTCTGTTCTC
CGACAGTCGACTCCTCGACCTTCTTCTCAGACATGTCTGCGTTGTCAATCACTGCACTAA
GGATCAGTTTTCGCTGTCGTGGAATGCTCAAAGCACGTCAGGGATCCAACGCGCGGCGAC
ACAGGGCTTAAGAACTCCGTTTATGTACATGCAGCCGAGATAGGAGCAATCCATGCGGTA
GGCTCAAGCAACCCTTGTCAGCATGCCATGGCCGGTAGTCGTGCAACCCAAGGAAGGCTT
GTCCTCCTAACGTGCGTAGTGTCAACGCGAATGCACCGAAGCCAGGCAAGATGGGCTCCA
GCTGAAACGTCGATATGGTCTTCTCCAGCCGCTCACGTCATGTTGCGAACGGTGGTTCGG
CGGATTGAGTCGAGACCGGCAAGGGTATGAACGAGGGCTGAAGATAGGCGCCGATAAGCA
GGATGGCAAGCGATTGCAAGAGCTGATAAGCTTCTTCATTCACACTGTATGGGGAAACTA
AGCTCTTTGGAGAGATTTTCGGGATTACATGTCTATCTGCGGTTGTCTTGCATCCAGCAC
TGTATTGACTGGGCATATGTAGATGTGCTGCGCGGTACTGGAAGACGCGACAATTACGCT
TGGAACCATGGTGTATGTTTGACAAAGCAATGGCTAGGCGGCTAGTCCCATTTACGTGCA
CGTACGAGTCCGGGATATGAGATACAGAGAATGGTGATACCTGAAAGATGCCCACTCAGA
CGGCGTGTTGTTATCGCAATTCTCCGACCAAATCAATCTAAACTCGGTCAGGATTAGCAC
GCGGCCTAACTACAACAGGAGGCGGCAGCGCGGACATGCCTTCTCGCGTCAATTTCTCAT
AAATGGTGGAGTTGATAATTACTACTCAGAACGAACTTGAAAGCCTATTATCCTCTTGAT
CATGATTTTGACCGAAGGATCACCAGTCACTAGGCACCATTGGCAACCGGATCGTAGTGT
ACAAAACGACATGCTCGAGTAGACCCCACTTAGACATGCCGCATCTTAGACAGCCTCGGG
GATGGGAAACCGCCCCGCCTCAGAGATCTCCGCCCCACGTTCAAAGTGATAGTTCCCTCT
CTTGCCGTCGATCAACACAACCTGTCTCTGTCATCCACCAGGCCACTCTGTTTTGATTCC
AGTCCACCAGATGAGAGTGCGAGCGCAGCGTAGACGTATCTATTCGTAGGATGTGGAGTT
ATAGAGGAAAATACCAAGGACTCATGCGCCGGACGTTCTAGATTGAGTTCTTGGGATATG
GATGCCAGTTATTTGCGACGTGGTCTCGAGCTCGGGGTTCGCGTGCCAGGTCAATGAGCA
CACACGACATGACATGGACCCTGTTGAATACAGCTTGAGAGAGGGGAGAGATGATGGATT
GCCCTCTTGTGGTCACGAATACAATTTCCAGAATCCGATGCGACTTAGCGCACCTCGCCC
AGCGTCCAGAATCTTTGCTTTTGCTCTATCGAGCTTAGAAGCAAAGTGCATTAGCGCGCA
AATCTGGCTGACGAGACGGGTATGGAGGAAAGGTAGTGGAGTAGAAGGCGATGGAAGGTG
GACGGAGGGTATGGCAGATTACATCATCTTAGAATGGTCAAGATGGCAAGGTGACGAACG
GGCCGGGATCATCGAAACAGCCTAAGTGAAACCCGTCGTGCAGCCGGCTGACCCCAAACT
ACCATGTGCATCTCACTGTGCTGCTCTTCATGTCCGCTAGTTGCTTCCTGACTTCACCAT
GCCAACTCTTTCTGCGGCCTCTGCACCATGCTTACAGGTACACAGCCCCAGGAGCACACG
CTGGCTTTCAATGGAACGAATTCGCCTCCCCGACTCCAAAACTCAATCCACTCGGCGCGT
GCCACAATGTACTCCTTGTGACAGGTATGGCACCTGCGGAACAAACCATACCCGTCAGCG
GCATTCTCCTCTGCTTGCGAGAGGATGGCTTCCACGACGGGGAGGAAATCCGAATCGAGG
AACGCACGGATGGTACCGATGTTCGTAGATCTGAGCCCCCTGTATAAGCTAGCTGTGACG
AGGGAGGACATTTTGCTTGTAGACGGAGGGGTGAACCAAGGTGAAGAAGGAACGCCGTAT
GTACCTTGGTTGGTTTCGACAATGACGGGATATTCTTCTTCGTTGGAACAAGGAAGCCGT
GGAGATCCTTTGAGGACGTTGCCGCCCTGGTCATAGTAAGACACTAGTGTCCTGGCAATG
TACCGTGGTGCGTGGGCTAGCACTTGGCTATCGTTCATAACATCCAAGGGCAAAGAGGGA

TGGTGCGGATAGAAACCAACGTCTTGTTCAACATTGCATTCCCAGGTGTCATCTCCGCCA
CCGAAAGAGTTTGTCCAAGACTCGAAATAGCGGATCCGCCAGACTGCTTGGTCGCGGTCT
TTGCAAGTCGCCAGAGTTTGGTACAAGTGCGCAAGTTGACTGCTTGCGTCTTCCCGCACC
TCATCGAGTGGCAGCGAGTCGGTGTGATGAAGAGACGCTTGCTCTTGCTTCTGGTAGTCG
GCGACTGAGAATCTATGAGAAGACATGGGCTGAAGTAGATCTTTTCCCATGAAAGTGAGG
CGGGTCATGTTCCCATGTGGAGAGAGAAGGGAGATGACGTCAAAGGGGAGGTACTTTAGC
TTGTTGAGAGACACGTCCAAGGTTTCGAGTTTGGTTAAACGGCTGATTTGTTGCGGAAGC
TCTTCAATCTCATTCTGACGCAGGTAGAGACCAGTGAGATCTGCAAGGTCGAACAGAGAT
GGAACCAGTCGACAGAGCTTGTTCTTACTGAGGTGGATCTGGAGTTTGGGGAGGAGAGAT
CGGTACTGCCCCGCCGTGGGGAGCTCAGTGTCGTGGACGGGCGGGTCGCTGATGACGGTT
TTGAGGTTGCCGATGTGCCTAATGTCGCTGTCCTCGAGGCCCTGGCCATCAAAGTCATAG
GATTCCTGGTTCCGCGCAATGCCATGGTCCATCTGCTGGACGAAGGCTTGCTCTGCTGTT
GGAGCACTGGTGCTGCCCATGTTCATGTCTTCATCATCAGAGGCATTTGGGTTGGGGGCG
CGCTTGAGCGGCATCTTGCTCCTCATGTTGTAAGGCGATATGTACTGGGGCGGAGGTAGT
TCTTCGGAGCTGTTGGTGGCATCGCTGAGCATGTAGATGCCAGAGTCGAAATTGCGCTCG
AATTTCGTCTTCTTCACCTCTGGGGTCGTGTGGGCAGACTCGCGACTGTCCCACCACGCG
CCCTTGCGTTTGTTCTTGTGGATACGAGGGGATTCGTAGTTGGTCACATCGACGGATTCG
CGAGAGTCATCGCTGGAAAAGACGGGGGGCGGCGAGCTCGACTTGGTGGTGAAGGCAGTA
TATTTGCGCTCAAAGAAGGGGTTGGGCGGGAGGTCCATGGTGGTGCACGCGAGCGGTGGT
GACGACGGGGGCGCCTCGTCGAAATCCATGGCAGAGAAGATTTCTGGAGAGACAATCGAG
CAGAGAAGGCAGGCGGACGGTTGATTATATGGCGTGTCGAACTTGCAGTCGCGCCAGAAA
GAAATGAGGCGATGGCTGGGAGCTGTGGGGAGAAAGATGCGGCGACGCGTTCCTTGGGCC
TCGGACGCGCCCCCACCCGGCGAACCAGGGTCTCACTGCCGTCATCACCCACGCACAGAC
AGCGTTCCCACGTGCACAGTCGGATGCTCAGGTACCGTCGCATCAAGCATATCAAGTTCA
TCGTGTCTACCACTCTATCAGCCAACATCATCTCTACAGCCCCGCCATACGTCTGAGGGC
TACATTGGAAACCAGCCGCCCCTCCATGCCAATGTCCTTGCCCTCTAACCTTTCGCCCCG
GGACATGGCCAGCTCTGTCATGACGGCTCCCATCTCCTTCGTTGGCGTCATCATGGCCTT
GTAGACTAGATTCATTGGCGCTATCATCGCCTTCTTCCACGCAGCCTGCGGCGGTATGAA
CGGATGGATCGCCGTATGCTTTGTCCAGTCCACCCCCCCTGGCCTGACGTTGTACACCCT
GAACATGGGCTTCGATTTGCCCAAGTCGAGAAGCTCCGACTCGACCTGTCCTTTGACTCG
TCCGTATAGCGGTGTGAAGGTGCCTGGCGCTTGCGTAGCGCCCTCGCCCGAGACATGGAC
AAACGTAAAGGGTGAGTCTGGGTGCATGGTAGAGAAGGCGCGCGCAGCAGCCATGGCATA
GTCGTGCGTTATCTCGACATATTGCCTGAGCAAGCATGTTAGCATAAGGCCTCTATAGCA
GTTTATAGAAAACAGCTCACTCCTTGCTGACAGCATTCTGTGACTCGCCCAAGGCCCACA
CGCAACCCTGTGCATCCTTCAGATCTTCCAGTAAGACTTGGTCGTAGTTGTTGAAGTCTG
TATGAATGATGACTTTCGCCTTGGCATGTCCATCGGCCATCTTGACAGGCCGTCTGCTCA
GGATCGAGATACGACTAATGCTCTCCTGTGCAAGCATATTGTCGAGGACCGACGTGCCGA
CCAGCCCTGTCGCTCCAGTGAGTATGAGATGCATGGCAACTGCGCTTCTTCGTTTGATGT
GCTGTTTAGCTGTCTAATCGTGGTTCCAGAGTCGTCTGTTGTATATGCCTGCGTGCTCAA
GCGTAAGCGCTACCATCATGGTCAGTTGTGATTAACGGGCGTAATGTCCCCCAATAGCAA
CGGCGTTAACTCCGTGCAAGATTGACATCTGCGCCACATTTTGCACGAACGCTGTCTGTA
TGCGATCAGTAGACTCGACCGGGCAGCTCTGCGGTGTTAACACAGCTCCGGCGGTCGTCC
GGCCCGTCACGCTGGAAGGCCAACGCGCTTCCAAGGTTGACTAAGCTGGCGGCTTCCAAG
CTTCACGAAGAGGGCGCCCAAGAACTCCCTCCATTGGAACCCAAACATGCCTTCCTATCG
ACATGGGAATTATACAGTTCACAATCGCTTTTGCAGAGACGCGTAATGACAGGCTATCAG
GCTTCCGCAGCCCCCTGGCGATCAGCCGTGGCGAGCGGGCGGGATTTCGCTTTGCCCGGC
TGCGAGAAAAGCGACCAGGTCCAAAGCAGGATGACTGTCTACCCACAGCCTCTGCCGCCC
TAGGTAACTGTCCTTGCGCTCTCTCCACCCACGTTTTTCTCTGTCACTTCATTCCTTCGA
GTCGCTCTTTTGCTGCTTTTCCTTCGTCTTCGCGCAATCATGGCTGCCGCAGCCACGGCT
GCCGCGGATCCTCGTATCGTGAGACTGATTCTACATTTTCTGTCCGACATGAAGTACAAG
GACCGTAGACAGCAGGGACCCGACCAGCCGGTTGAACTTCTCGAGTTTCGGCCCACGTTG
GTACCCTCAATCATGGTCAACAAAATCTGGGCAAACGAGGGTACGTCTATCCTGTGGAGA
CGCTACCCGCACCTTCCGGCTCTGCAGGACATGACCTTCGACCGAAGACAATGGTATGCG
AACAAAGTCGAGAGGCTGTTCGTATTGGGACCTACAGACGGTGGCGGAGATCTTGCATAC
CTCGAAGGCTTATATTGGCCAAAAATCGAGATACTGGAGCTGGAAATAGACTGGGCGACG
CATTCAAAAGCAATCAACACTATGCTGCACACAGGCCTTACACAACTGGAATTCCTTGGA
TCGCAATCTGGTAATTCGCATTACGTCGCTGGCACTGTTCTTTCAGCCTTTTCCGCATGT
ACCAATCTCTCTAGCATTACCTTTGGTCCAGATGTCTTCTGTCCTGAAGATCCTGTGTCT
TATCAAAACCTGGTAGATGTGATCGACTCCGTGCCCAGCATCACGAACGTGCGATTGATG
AACGCTAGCCTTTCCGGCAAGGATATGCTGTTCAGACATTTAAGTAACCGACCAGGCCTG
GAAACTCTACACATCGACCTCGACCCTGGCCTGCAACTATTGCCATACTTATCGGGTCCC
GTTGCGCTTGTTTCCCCTTTCTCTTCGCTCAGGCAGCTCCACCTCAAGTGCTATCCTGAG
TTGGCCGTTGCACTTCTTCCTCACCTCCCACTTGTAGAACAAGTACAACTAGACATTGCT
AGAATACCAGAGCGAGCACAGCAGGATTGGGATTTGAATGTTCTTGATCTCATACTAGCT
CAGATGGCGCAATGCGGTGAACTTCGATCAATGCGAGTCAACGTTGGCGCACTCGCGCAG
AACTTTCCATCGGCCGTATCACATCCACTCCTTCACGGTGAGGCTTTGGTGAACCTTGCC
AATGGCTGTCCCAAATTGGAACATGTCGACCTTCTTGCCTCGGAACCTAGTGCAATAGAT
GGGTCTTTGATTTCGAGCCTCCACTTCGAAGCATTTTGTAGGAAGTTGCCGCAACTTTTG

AGCCTCAGCATGAAGCTTCATCCACAAAGTGCAATCGATCTGGAATCTACCGCGCTACCG
AGCCTCGGTAAATACTGTCCCCTGCTTGAAACCTTGCGCATGAAAGTTGCACTCCATCTT
CCGGATCTACAGACACTACGGGGTCTTCCGCATCCGAAAGCCTTCGAAACCGCGCTTGAC
GATTATTCTCAAATTGAAGATGCACTTCAAGCGCCTTCCATAACACTTGATGGTCACGAA
AGAAGCGCTTCTGTGGATCAAAAGGATCTCTCCGGTAATGGAGCTTCGAATAGTCCGCCC
TTCCAGTTCTTGACGCACGTCGCCTTCGCACGTCCTCAGTCAATCCTATCGATCGTTAGT
GATGCGTACACCGTTTCATCAAATTCCCAATGTAGCTCTGTGGTCGATCCACTCGTTGAA
GAAGAGCTCGTCCGGTTATGGGCACAACCACTTGCAGCGCACTTTCCTCGTCTGGAGATA
TTGGAAGCATGGAGTGACTGGACAGGACAGGACAACGAGTCACTGAGCTATTTTCTACCA
CACGAGGAGCTACTGGCGAATGTTTGGGATTTTCTGAGTGGAATTGAGCAAGACCTTTGG
GAGACCGGAGAAGATGCAGAAGAGGAGGTAAACAACGAACCGGATTGGACTGAATACCGC
AAGGAGCGTTTCAGTATGGACAGTTATATCAGTGGCGATTGGGAGTTGGCCAGTCTCGTA
AACGAATTTCCGGTAGAAGAGGACTTCGATGACAGCGCTTATCCGACGGCATACGCCGAA
GAGCCAGAGGGAATGATTACGCCCGGAAGGAATCTAGACGATGATGAGGAAGCCTACTTT
GGTCGTACAAACACGAAGTACATTACTGTTTCTGGCCCGTGAGCATTTGTCAATACATCA
TATGCCGCAAAAAATGGAGCAAATATATATTCTGGGCGCAGAACAACATGTTTTTTTACG
CACAAGAGTATGGCTGCCATTCTAGCACTTAACCAATATCGTTAGAGTACACAACTACAC
AGCAAACTTACGATCCCATTCTCAAGACATGGCTTCACGCAGCATAAGGAACACGTTTTG
GGGCCAGCACACACGACTTGTAATAGGTTCGATAAAAGTTCCATTTGTCTCAAAACCTCT
ACCCTTTTGCTGTTCTCCAATGTATTGCATATGCTATACCGAACGGCTTCCCTTATTACA
CTGCCATTCAATGAAATAAGAAATATACATCCCATTGCTTTCCGAAGTCTGTGGCACTCA
TGACCTCCCAAACAATTACTATTTAAAGATCTGTCATTCACCTATGAAGATAGACCAATG
AGAGTATAGCCCTCATTTAGGTACATCAAAGGATCTACTTACAGCTTCAGTCCCCGGCGA
AAATGCTACTACAGGCGGTGGGGGTGTCTTGGGTAGCTGACGGGGAGCGGAGGCTGGCTC
TGGTAACGGCCGTTGCGTGTAGCTGGGATTTAGGACCTGGAAAGGCGTACCGGGGTATAG
ATATTGATCAGGAGCACTAGGCCCGATATTTACTGGCGAGGGAAATGGTGGGGAACTTCG
AGGCGAAAGAGTGACATCAGGTGCTGCTTTATCCAAGTCAGTATGCATTAGACAGTTTAA
TGTGGAATTGTTGGCCCTGACCTTGTGAACAGCCTGAGTCTGGATACTGGCCTTGACCTT
GACTTGGCTGAAAGTCCTGCTGCTGATGGCCTTGATCGCGCTGCTGCCGGCCGCGACCCT
GATCTTGTAGATAGCCTTGCTGCTGATGATCTTGACCTCGACCTGAGGGTATGTCTTGCT
GCCGCTGACCGCGATCTTCTTGCTGCTGACCGCGACCGCGACCGCGAACTTGTTGTGTTG
CCTCACGTTCTGCTGCGCGACGAGCGATACGCTCTTCGTGGGCACGTTGGTTGGCTCTAC
CCGACTCACTGTTTTGGTGGCGTTGCCTAGGGCCAGGCATTGTAAGTCGGGTGGTCGATA
TAGTAAAGATTGAGTAATTGAGCGGTCGAGCGTATAAGTGTAAGAAGTAAGCGAGTAGTA
ATCACAGCTAAGAAGGAAGAGTCTTCGATGAGCGTGGGGTAAGTGAGTGCGTGGTAGTCG
TTTGCTTTGATATGGTCTAAGCGTCTGCATGTTATTAGTACAACAGTAACTGGGGCCCAC
TCGGTGACTAACCTTGCCATTGACAATGGTGCTACTGTTGTGACATGTCTACTTAGAAGT
GACAGACAAGCTCACGACACGGGTGCAGTTCGACATAGTAGGGAATGATGGTTAGTGGTT
CTGCAGACTGTTAGCTGACAGACGACTCATGACATTGCGGAAGGGTACTCAACCGACTCG
AACGTGCAAGGAAGTTTAATGACCCAACTCTAAAATCTAAAAGATCAAGTGCCATCCATT
CAAGAGCTGTCATGGCCATCAAACGAACCCCGAGTAGTTAAGAGAACTGACTACTATCGC
CAACAGTAAGTCAGGAGATGACGGACAAGTCACCATTTCTCGGAAACGCCCTCAAACGAC
TCGACAAGCAAGAAAGTTCAATGGAGCAGCTCTAGGATCTTCCAGAGACCAATTGCCATC
GTCATCGCTAAGTCAAGAGCCCACTCAGTCAAAGGAACAACCAACTGCCTGGATGCGAGA
TTCGCGATAGGGCGGCCCATGCCAACCACCGCCCAACTCCCACCGTCACAGTCAAGTCAA
GAGCCCACTCAATCAAAAGACTGTCCAGTCAAGAGCCCACTCGATCAGAAGATCGTCAAG
TCAGTATGTCATGTAGCAGCGCGTTCGCTGCTACTGTCGTCGATGTCGACATCGATGCTC
TCGGAGCAGGGCATTGTCAAGGCAGGCAGTCGTTGTGCCATGGACGGGAAGGGGAGCCGG
CCAAACTTTCGATCTGTCAAACGTCAGCGTCAGCGTCGAGCGCCTCTTCTCTCTTCCACT
GTCACCACCGGTCAGACGCAACACTATCTGTAGTTGTAGAATGTCGTTCGTGTGTTCTAA
CGCAGTTGCTTCGCGTCTTTGCTTTCCTTTTGTGTTGGACAACATGTCCTTCTGCTGGCG
GGTCATGGAGGAATCCGTTTGATGGGCTGAAGCACATTGGCAGGCGAGCCGAAACGACAG
AGGAACCGTGTGTAAGCATACAAGAGTCACTGGAAAAGACCAGCTGCTGAGAGTACCCTC
CTGAAGAAGCAAGAAGCACACGTGCTGGACAAATCCATCCTTGGACGCACTCCGGAGCTA
GTTGAGCGTCACCCAGCTACCAAGAACAGATATCACTATCCAAAGGATAAGTAGAATCCT
CATTCCTTCAGTCCGTAGAACAAAGACGTTTGTGCTTCTATGTTAGACCCTGTAACGCTA
CCTGGGTAGTCGTTGGTTGTGTAATTCGCTACCGACGATACTCCGGGGTATGCCATGTGT
TATGGGTAGTCACTCGCAATATATAGGGCGAAGAAGGGTCTTGTTCGTTACTATGGAGTA
CGAAAAGTGCAAGCGCCGACTCGAATGGTGCGCCAAGAGCAAACATGAACTAAACACGCT
TCTGTTAGGTTTCTTCATAATGCTTCTAGACGTCTGTGGTAGAAGAAAGCCATGTCGGCC
CGTCTGATCCCAGCTCATTGGATGATCGCCTTCGCGCTTCGCACAGAAGCTTGGAATCGA
TGACGCGACGGGAATTAGGCCTGCGAGGCGCAGCGATGCAGGGGTGTGCACGCGAGGCTT
GTCATTTTCTTCGGCATCGCGATCTCTAGGACACCGAAGACGCATTCGATGATGACTAGG
ACTCGGCGACTGGGCGTTGTCTGGGCAAATCAGGTCGTTGCCGAGGCATGTTCGCGTAGG
CCTGTAGAAGCGAAGCGGACAGCGCTTCGAGTCAGGCCAGGATCTATGTCGACGCGAAAT
CGTGGTCGTGACCATGACGGACGTCGAAATAAAGGTGAGATCTGGCGCTTTCCGTGACAG
GCGTTGCCCCAGCTCTTTGGAGCAGAGTGAGGTAAGCCGGGCCGTTGGCAGGGAGTTTAG
GGCTTTTGAACGCCATGCTGTGTCATTCGTTCCCCTATGCCCCACCGGCACAACATCAAT

CCGCCATGCGCCTCGCCAGCGCCCGATGTGGACCATGGCGTGAGGGAATGGACAGGGGAT
GCGGTAGTCGAAGACGTCCGACAAGACATCGTCTGCTCGGCGTCGTGCCGTATACGCTGG
GTACGGATGGAGGACATTGATGAGGTATTTGCCATCCATGGTTCGCTACCTAGGTACTAA
CCAATACCCTCTTTTTACCTGTCTACATCGCTCTTTTGTCTTTTTCTGGTTGCCTTTATC
CTCCCAAAGTAGTTACACTCAGGACATACGACTTGGACGCCACGTGAACGACTCGATCCT
AGACTTGCACCCTCAGCGCACCCACCGCGGGCAACGGCCGCGACCATGGCAGGCGCAATC
GTGAGCCAGACATGGATCCTCACCAAGAAGACGCTGCTCGTTGTCTTCGTTCGCCACTGG
TTCTTCACGAGCGTGCGCGCTTTCTGGGCTCCCATCATATTTGTACGTTCACCTACATGT
CAACGGCGGGGCCATGGCTGACCAGGCGTGTGCAGATGTTCTTCATTACCTACGCAAAGA
ACTTCTTCGTCCCACCCTCCGAGTACGGCATCGGCACCCCGTCCCTCATACGCTCCTTCC
CCAACGCGCTCAGTGCTGCCACGGGCGGTCGCGACAAAGTCGTCTTCGTCGACAACGGAT
ACACAGGTGGCGATATCGAACAGGTCATTGCACAACTCTCGACTCAGGTCCGTGATGCCG
GCCTACAACCCATCACAATCCAGCAAGACGTACAACTCCTCTCCACGTGCGAGAGCTCTT
TGCGCGGTGCCAGTACGTGTTATGGTGCAGTGTCCTTCCATTCCAGTCCGAGCCAAGGCC
AAGGCCAGAGCTGGAACTACACCATCAGATCGGACGGAGCACTGGGAGAGGAGATCTACG
TGGACCAGGACGACAACGACGTTCAGATCTATATTTTGCCCTTCCAACGCGCCATCGACC
AGGCCATNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNGCGGTGTGACTTACCAACTAACGGGCCAA
ATGGCAGAAGAAAGAGAACGTGGCATATCACAGCTGGTAGAAGCAATGTCTCCCGCCAAA
AAAGCATGGCATACGCAGTTTGCCCGCCTTTTGTCAATGCACATTGCATTTGATATCATT
TACTTTCCAGGCTGGGTCATCATGGGAGCTATTGTGTGGGCATTGGCTTTCAAAACATCC
AATGCTGCCATATTGGTAATCTTCCATATTCTCGCTGGCCTGTCCTTGACCAGTTTCTCC
ATCTTCGGAGCCGCCTTTTTCCGCAAAGCCCAACTATCTGGTATCACCATTGTCATTGTC
CCCATCCTGCTGGCCATTATCGCGCAAGTCGCTGGACCCTTCAGCACGGGTGCTGTATAT
GTCCTGAGCTTGCTGTTTCCATCCATCAACTACGTCTTCTTCATTATTTGCGTTGCCCGC
TTTGAGAGACAGCTTATTGGTATGAACCTTGTAGGAGCCGCACCGGATTATGAAGATCAT
ATTTGGACCACCCCCGGCATCGTGTTTTGCATCTTCGCCATCATCCAAACTAGCGTATAC
CCCTTCTTAGGAGCTCTTGTCGAGCGCTGGCTGTATGGTACCGTGTCGGCGGACAGGAAG
ACTACGACTTCCTCGCCGGATCACAACATTATTCTGACAAACTTTTCAAAGCATTGGACT
CCAAGTTGGTTCCGCAGAAATGTTCTCACCAAGTTCGGAGTAAAGGCTCCAGAGACAGTC
ATCGCCGTGGATAATTTTAGCATGAAAGCGCGTAAAGGTCAGATCATGGTCCTACTGGGC
GCCAACGGTAGTGGAAAGTCTACCACCCTGGATGCCATCGCTGGTCTCAACTCGATCACC
AGTGGAGCCATTGAGATTGATGGTACTGGAGGTCTTGGACTGTGCCCGCAAAAGAATGTC
ATGTGGGATGAGTTAAATGTCTACGAGCATGTCCGCATCTTCAATCAGCTCAAGTCGACT
GGAACTTATGACACAAAAGAGACCATTGAAGACCTTATCCGCGCTTGTGATTTGGGACAC
AAAATCAAGGCGCAGTCGAGCACGCTCTCTGGTGGCCAGAAACGGAAGCTTCAGCTTGCT
ATGATGTTCACTGGAGGGTCAAAGGTCTGCTGTGTTGATGAGGTTTCGTCTGGTTTGGAT
CCACTTTCACGAAGGAAGATCTGGGAAATTCTACTTGCTGAGCGTGGCGACCGCACCTTT
CTGCTTACCACGCACTTCCTTGACGAGGCAGATGTTCTCGCTGACTACGTTGCCATTCTC
TCTCGTGGTGTACTCAAAACCAAGGGTACTTCGGTCCAGCTCAAGCATGAAGTGGGTGCC
GGATATCACGTCACGTATCCTAAGGACGCTCCGATCAAACCTCCAGTAGACGCCATCAAG
AAGCCTGCACCCTCCGAGGGCATGGTTCAGTATCAGTTCGAGAACGCGCTGCCCGCTACC
AGATTCGTCGATGTTCTTAGAGATTACGGGGTTAAGAATTACGACATCGTTGGCCCGACA
CTAGAAGATGTCTTCCTTGCCAACGCTGAGGAGGTAAAGGAATACAACCTCATGGATGCC
GATCACGGTGAACAAACTGGAAGAACAGCATCAGACAAAGACCTAGAGGTACCTTCAGAC
CACAATTCTGATACTGACAAGAGATTGGAGATGGGCAAAGGCCGTGGTACTGGTCTGTTC
AAGCAGATGCTCATCCTCGTACAAAAGCGTATGACCATCGTGAAGCGCAACTTCTGGCCA
TACATCTTTGCTCTGCTCCTCCCAATTGTTGCCGCTGGTTTGGTCACTCTCTTCTTGAAA
GATTACGAGGCTGTGGGCTGTGACCCCGGAGCCAGCGCCAATGACCCTACCATCTTCTCA
CTTTCCAACGTGGACGACATCCCTCTCATTCCCATCGGTCCGAGGAGTACCGTTGGCCCT
GCTATTGATACCATAATCCAACGGACAGGCATTCCCGAGGACAGCTTCTACGTCGTGGAC
ACACTTGACCAGTTCAATGACTTCGTCAACACACGGTTCCGCAACATTACACCGGGCGGC
TTCTTCTTGAACGAGAATGGTCCGCCAGTCATGGCGTACCTTGCAAATGGCGGTGTCGTC
GGCGGCCTCGTCACATTAAATACCCTTGACAACATCCTAACGAACACCACCATCTCAACG
CAGTATCAGCAATTCGCTGTGCCGTTCGCTCCTAATATGGGCGACACACTCCAGCTGATT
CTGTATTTCGGTCTGGCCATGTGCGTCTACCCTGCGCTGTTTGCCTTATACCCCACACAG
GAGCGACTGAGGAACGTGCGAGCGCTGCACTACAGCAACGGTATCCGGGCTGTACCACTG
TGGCTGGCGTATACTGCGTTCGACTTCTTGTTCGTGCTTGTGATCTCTGCTGTCACCACA
GGTATCTTTGTAGCAGTAAGTTCTTGCTTACGTTTTGTATAAACATTCGCAGCTGACAAT
ACCGTAGGCTTCCGACGCATGGTATGCACCAGGCTACCTTTTCGTGGTCTTCTTCCTCTA
TGGTCTTTGTGCAACTCTTTTCGCCTACTTGATATCCATCGTCGTTACATCGCAACTGGC
AGCCTTTGCCTTTGCTGCTGGTGGCATGGTGTCACTTTATCTCATTTACTTTATCGGTTA
CATGGCCATTCTGACTTACGCGCCCGCTTACGCCATCGACTCTTATATTGAGTACTTCCA
CTGGACCGTTTCGCTGATCTCGCCATCAGCAAGCTTGTTAAGGACGCAGTTGCTATCTCT
AAACTCCTTTAGCGTATTGTGTGATGGAAACCAAATTCCAAGTTATCCCGGTGCTTTGAC
TGTGTACGGAGGGCCTATCTTGTACCTCGTCGTGCAAATCATCCTACTCTTCATTGCCCT
CGTATGGTGGGATTCGGGATACCGACCAGCGTTCCTTAACCGCGAGAAGAGTCGTCAGCA

GCATTCGGAGGAGACGGTGGACACCGTCCCTGCTGCTGTCGCTGCTGAAATCACACGCGC
TGAGCAAAGCAAAGACAGTCTGCGCGCACTGCATCTACAGAAGACTTTCGGGTCTAACCA
TGCTGTCAACGACATCACTTTTGGTATCCCACAAGGTCAGGTCTTTGCCCTCCTTGGCCC
TAATGGTGCGGGAAAGTCTTCAACCATTTCACTCATCCGTGGCGACATACACCCTACAAC
ACACATCAACGGCGGTGGTGATGTTCTGATCGAAGACATCTCCATCATCAGCAAGCGTGC
AGCGGCACGAGGTCATCTCGGTGTATGTCCGCAATTTGATGCCATGGATTCCATGACGGT
AACCGAACATCTCTATTTTTACGCTCGCGCTCGCGGCGTGCCCGATCCCAAAGCCAGTGT
CGAGGCAATTCTCCAAGCTACCAGTCTGGGGCGCTTCCACGACCGTCTCGCATCCAAACT
CTCAGGTGGCAACAAGAGGAAGCTCAGCTTGGGCATCGCCTTGATGGGCAACCCATCGGT
TCTACTGCTGGACGAGCCGTCCTCTGGTATGGATGCAGCTGCCAAAAGAGTCATGTGGCG
TACCTTGCTCGGAGTTGCGGCACCTGGTCGCGCCTTGTTGATAACTACTCACTCCATGGA
AGAAGCAGACAAACTCGCCACCCGCGTTGGTATCATGAAGCGCAAGATGCTTGCCCTGGG
TACTGTCAGTGATCTAGGAGAGCAGTACGGCGACGCTTGGGTCGTACAGCTTGTTCTCAA
ATCTGCGCCCGAAACCACGGAAGAAGAGATGGAGACTGTTAAGCAATGGGTCCAGAGGAA
GATTCCTGGTGTTCAACTTGACAAATGGGGTTCGCGAGGTGGAGGCCACGGACAACTCCG
ATTCAAAGTTCTCAAAGCCGCCTCTTCCGAATCCACTGCATTGCCCGCACATGCTGAAAA
TGCGAAAACTGGTAAGATTACCGAAGCAGAGGTTCATCAAGTCAACACCACATCTTCGGC
TGCTTCAGCATCCGACCTCGGTGGCTTTCCTGGTCTTATCCAGTTGCTGGAGACCAACCG
CAATGAGTTGGGTTTGGAGTACTACTCTGTTTCGCCTACCACCCTGGACGAAGTCTTCCT
TCGCGTCGTTGGCGAAGAGGAGGAAGAGACGAGTGGGAAGAAGCCAGAGGGTACAAAGCG
AAATCAGTGGGGTCGTTTCGTGTGCTGCGGCCTGTGGGGATAGTGTATGAATGGTACAAC
GGAAAGTAAGAGGTTAGACAACAGAAAGATAATGAAGAGGGGGGTTTGACTGGTTGGATG
ATGATTTTGTTTGCACAATCTGGCGTTCCAAGATACCACACAGCACTCGGCTTTTGTGTA
TAGACTGTCTAGCATTCTTACTTTTTTTTTAAATGAATATCCTCAATCGATTGATTTGCT
CATGATGTGATAATCGGCCTTGATGACCTTGTTCCTCGTAACCCTATCGTTTGGACTAGA
CTCATCCTTGGCGTAGCCCAGGCTCTCGTACATTCTCTTTGCGCGCTTATTCGCGGTGAA
GACGGTAAGCATCGTCTTTTTGATTTGGCATGCGTGTGCCGCGTTCTCGATGAATTTGAT
AAGACGGGGTCCAAGGCCTTGTCCGCGCAGCTGCTCCTCGAGATGGATCTCGTAGATGTA
GAGGACCTGGCGGTCTTGGTGCGGGGGATCGTCGTATGTGAACATGAAGGAGGTGAAGCC
AAGAATGCCGTCGTCGCTACTGGTGCCCTCCATGCTACCCTGGCCAGCCGTGTCGATAGG
GCGGCGACGCACCAGGAGATACATCATCTCGCCGTCGAGCATTTCCTCTCTCTTCTTGCG
CGGGTTCCAGCCAACGCTTGATGCTTTGTAGTCGTGTCCCGAAGTCTTGTTGACGAGGCT
GAGGCAAGCTTCGAGCTCGTCCTTGGTGAGGTCGAAAGCCGACGGGACAAACTGGAACGA
CAGCGGACATGGCAGATGCGGCGCGCCGTATGCGCTCAGGTATACGTCTTCTCGCAGCAG
AGTCTGTACTGCCTGTACGCGTGCGACGACGTGCGCCATGTCGTGAATCTCGCGTTGTTT
GCGACGGATTAACGTGGGTATCGGGCTGACTGCGGATGCGTGGGCTTGGTGGTTGGGCGT
CGCGTCTGGTGGGGAAGACGCGACACGGGGTCCATGGCGTGAGTACACTCGACGCCCATT
TCTGGAATCAGTGCCGGTAGTCACTCATCCCAGTTGTGTGTCCTTTCGAGCACGTCGTTT
CGGGGCGCCGATCCTGCACGCGCATCCTTGGATGACTAGCATCATCATAGCCTAGCTTAT
TCGTCTCGATACGTCAGCCTGCATCGCTGTAAAGAGCCTCATCCAGTCGACCATCCACTA
CTTTCGTGTCCACATCCGCATTGTCAGATTCAGCTGATCCGAGTGTTCCACATACAACCG
AGGGAATGCTGCGAAGATATGCCACGGTAGCGTCCAAGCCTCCGTCCCGGCTACGAGCAC
GAGGAAAGAGTCCTGTGGGCCTGGACCACGTACGTTTGTCCAACACATGACTTACACTAT
GCAACGCCTGCTGATTGTCATATAGTTCATTCAGCGGCAACGCGTGTTGGCATTGTGGAG
AGACATAGTCCGCAGTACCTCCAACATACCCGATGTAGGAGCACGGAAGGACATGCGGCA
ATTCGCAAGATCAGAATTTGAACAACATCGCTCTGTTACCGATCTCGTACGCTTACACTC
CTTCGCCTTCGATATCCAAGTTAATCGCGATACAGGGTCACATTCGGTATCTGATTTCGG
TACGCCGCTTTCAAAGCACACACAACATGACCTAGTCGCTCACTAACACCTACATAGTAT
GGAAAGACGCAGTTCCAGACCATGAAAGGGACTCTGATCAACTCTGGAGTACTCACTGAA
TAGATTTCGTTGTTTCAAAATCGCCCTTCCGCATCTGCCATCATGTCCTGCGCTGAACCT
TTTTTCTCATTGGTTGATCCTCCGAGGGGCATCTCACTAGCGTATCACAGGCTAGCATCG
GACTTCTCAACACCACCTCACTCTCTCTGCAGATCTGCTAATCATCATTCTCTCAAAGCT
GCCCCAAGCTCTACGCTGCCGCACTTCGTGTTTGAGTGCTTGGCACCCGCCCATATCTCC
GTTGGTCATTCCCCCGCTTCGCCGCCACGCAGCTCAGCCGGCGATGACTGCCCATAGAGA
GGAACAGTCTGTCTGCATTGTAGGAGCTGGGCCTGCAGGGATAGTTGCTGCGAGGACTTT
GAAACAGCATGGCTATGTGGTTACCGTGTATGAGGCAGCAGACCGCGTAGGTGGCATGTG
GAGAGATGGACATGGAGGACCAAGTGACAAATGCAGTCCAGAGATGCGGACCAATTTGAG
CAGATATACAGTTGCATTTTCCGATTTGCCTTGGACTTCGGTAGACTTGGATCTCTCGAG
ACCCGCTGTGCATCCACTAGCTGCTCCGCCCATGTTCCCTAGAGCGTGGCAAGTGGGACG
ATATCTTGAAGCATACGCAAAAGGCTTTGGCATCACTGATAATCTGCTCCTGGGGAAGCG
GGTTGTCCAGGCATCCCTGCAAGAAGATCGTACCTGGAAAGTTATCAGCGACGACGGTAC
CGGCCAGCTAGACTCCCGTACGTTTGACCGATTGATTGTGGCTAGTGGTTTCTTCAACAA
GCCAGCTGGTACCTTCGATCCTACTCCTTCTACAAGTCTTCCAAACATCCAGCACTCCTC
AAAATTTCGGTCTCTCTCTGAGTTGACGAGTTCTCCCGGAAAGGTGGCCGTGATCGGGGG
TGGTATTAGCGGCTCAGAAGCTGCCGCACAGGCTGCTTTCCAAATCTCGAACGCGAAATA
CGCACCCAGTGAGAAGACATCTACGCATGCCGAAAGCAGGGTCTTTCACATCATCAACCG
TCCCTTCTACTGTCTTCCTCGTCATCTTCCTCAAGACCCTCAGGACCAAGACGGAAACTT
CAACCCAGCACCCAGATTCCTTCCCTTGGATCTGGTTCTCTACAATCTTTCGCGCCGTGG

CAATGGAGAGATTTCAGCAGCCATCTCTACAGTGCCACCCGAAAAAGCGAATAAAGGACA
CGAATTCCTGAGAGCAAGTATAGGATACGACTTGAGCGACGTGGGACACGCCGAGCTCGC
ATACGCACCAAGCCAGACACAGCACCCCGGATATACTGGCATTACAGATACTTACATGGA
GTTTGTGAGAAGTGGCATTATTGTACCAGTAAGAGGATGGGTTGACAGTGTTGCACAGGC
AAGTGACGGTGTCTCCCTAGACATTGGTCTGAAGCAGTACGAGCCCTGGTATCATGGATC
GGGGAAAGAGCCAAAGGTAACTACACTACTCCTAATTTCAGTAGTGACGAAGATACTGAT
AGCTTACAGAGCCAGAGCAAGATCTGCGACGTCGTGGGTATCATCGAAGCTACCGGCTAC
AAAGCCGACCTGGACTGGCTTGACCCTTGCGTCAGAGGCCTTCTTGCCGACGATAGCACC
GCACCAAATTCACGTATACCATATCTCCTTTCCCGTGGGTCGGTGTTCTCTCAGCGAGTC
CCTACAATTGGGTTTGTGGGCTTCTATGAGGGTCCTTATTGGGGGGTGATGGAGATGCAA
GCTCGACTTCTTGCTCAAAGCTGGGCCAAGCGGGATTCTGAGCAGCTGCCGTCTTTATTG
TCCGAATTACACAGATACGATGACACGAAACGCATGCAAGAAGCGATGAACCAGAAATCG
CTACAGGTACCTCAGTTCTGGATGGCAGATTACGTTGGTTTGATTGAAGAATTTGCACGA
GGAACAGGCGCCTCGCGCGACGACTCGCTATTTGGCGGCCAAACGGGTCCTACCTTTCCA
TCGCGCTATCACCATGCAGGTACCAATGCCCAGGCGAAGGAAGTAGTCGAAGACGTTGCC
AAGGTACTCCAGGCTTCCCAAGAAGATGCTCGGTTCGTTGCTGCCGCAGTGTTTACAGGT
ATGCAAGGTGTGTGGAACATGACACGCAAAATTGACTCACATACCAACACACCTGGCGGC
GTGTTTGTGGGCACAGCACACTTCCACCCACGCCAATCTACCGATCCAACCACTTACATA
TCCGAATACCTGTACGTCGAACAAGGCACATTCACCATGGATACTGGCCTGTCTTTTCCT
GCGACTCGCCGTTACATCTATCGATACAATGAGATACGCGACGAGATCACAGCATGGTTT
GCTAAAGATGACAACAAAAGTGTAGGAGCACTGTTCAACACGTGGGGGTTCTACGCGCCA
GTTGACAACAAGTCTGGATGGATGGCCAAAGGTTATCATTGGTGTGATCCGGATACGTAC
CGCAATCACTGCGAGTTCAAGTTTCGCGGTGCGAAGATTGAGCGATTCATGATCAGATAC
GAGGTTGAGGGACCGAAGAAGGATTACTCGCATGAGAGCTGGTATGAGAGAGCAGGGGCT
AGCAGCAGTTGAATGGAGATTTAGAGGTTCGTATAGTGTCGGAGTGACTGGTACCATCGA
CAAGAGTTGTGCAAAGGTAGTATAGCACCGTTTCTTTTTTCACACAAGTTTTCACGGGAA
GTACCGATGAACAAGGCAAGAGATAATTGCGCCTTCTCACTCATACCTGTCAGAATCGGA
AACAGCGTCGGCGGAAGTGTTAACGGTCACAGCTACGGTCTCAGTGAGTTGGAGATGATC
AGATATTGGCTTATAGTAGCTCCTGGCATATCATCGATGCCATAGGTGCAAGAAGGTAGG
CCCTTAGCACTATGTACAAAATACAATGTCAGATTGGATGAAGAATGGCTCTGGAAAAGT
GCCTTTGGAGTGTTATGTATTCAAAGGGTATCATATACATGTCGTCGTATCGTACAGCAA
TACATCGTTATGAAATCTCTGGCATTTCATGTGTCCATCTGCTCAACACCCCCGTTAACA
AGTGAACTAGGGTGTGTGGGTGGACCGTCTCGCCCTAGGCTCTTGAGATCTGCTAGCAAG
GTTCTGAGATGGTTCTCACGGTTCTGGTTGCTGCCCCATGTGACCGCCTGGGAGTAATAC
AGTATATCCCAGGCCTCGTCACTGATATTTTGGAGAAAGGTAGGTAAAGATCGCGCTTTT
TGGTACGAGCGCCAGAGAATCCGGCGGATGTCGTCATTTGCGCCGATGTATGCGAATTCA
ATGGCTTGATTGAAAGACTTCAGCGCGGGCGAGATGTTAAAAGGTGGGGGCAGATGAACG
CGGAGTCGTTGGAGGGCGGCAGAGTGTTCTGGATCCTGGAGGGCGGCAGCCATACGTTCT
TTGAGCGTAGTAGTGCGGTCGTCTTCGAGTTGGTAGGGATCAGGTGCACTATCGTGCGCA
ATAGTAGTAAGATCACCTTGCTGTTGCTTGTTTTCTGAGATGAGCTTTTGAATGTACATG
AGCTTCTCCATCAACTTGGGGTCTTTCATGATTTCGTCAACTTTGGCTTGTAGCTCGGCG
GGAACATCTTCCTCGTCCTCCACAAGCTGCTGGGGCTGCGATGCCTTCGACTCGGCAAAC
TTCATGATCTCCTCCGCTAATTCTTGCGGGTCCATCTCACGTTCGAATACACCGTCTTGA
TCTTGGTTCGACGACGAGTCTTCATTGAGGGCTGCATCAAGTTCAGACTCAAGGCCGCTG
TCGCCACCCAGCGACTTCATGATATCCCGCATCTGATGTAGGAGTTTATCCACATCCTGC
AGGTCCTCGGGCGTTGTCATGGTGAGATCGTCATCTGGGGCCTCAGCTTCAGCGATAGCG
TCCTCTGTGTTTCTCTGGTACTCCTCCCATTCAGTCTCTAATTTCGGGCTATCGAGATGT
TCGCTCATAGCAGCAACCTTCTTCTGCATAGCTTCGTTGGCCCCCAGCTTGTCCATTGCC
TTGTTCAGCATGGCTTGATAATCGGGGTTGTCCATTTCCTCCACATCTGGCATCTCGTCG
ATGCACTTTTGGAGGTCAGCCTTCGCATCTCCGATATCCGGATCGCTGACAATGTCTTGT
AGAGTTTGGAGTGTGGCCGTCCGTAGGCCAGTCTTGAACTCTTTGCTTTCCTTCCCTGCT
TCGATGGCTGCCTGCTCTTCTAATTGCTGGAGCTCTTTCCTCGACTTGATGCCTTCCTTG
ATATCCTTGAGCTCGTCCGTCAATTCGGCGAAGTTTGGGTTAGCCAGTAAGCTGTCGATC
AGTCGCCGGTTCAGCCTTGCGTCGTCGTAGTCCGGGTTCTTCTGTGATTCCTCTATCATC
ATGTACATCTCTTTGTCTTTCTTGCGATCTTCCGGTGTGGCTAAGCGTTCAACGAGACGC
TGTGGCGTGCCTTTGTCCAAGTCCTGCTCATACCAGTTGATGACGGGCATATCGTCACGT
TCGAGTTCGGCGTCGGACAGCGGGCGCATAAGCCTGTCCGTTTCCGCATCGTTCTCGAAA
ACGGATTTTGTGCCTTTGAGCTTGTCCCGTATCGCAGACCTGGATCCGGTCGTCGCATCC
TTCTCCGTCTCATCGGGTCGGCTGGCTTTTGTGCGTTTTCCACGTCGAGGGCACGCTGGT
AAAGGGTGGAGTACAGAGCATGTTGTAGCACGAGGCCGTGCGAGCGCCCTCAAAAGTAAT
CGGGGAGATACATGTGTGCGTGCGAGCATTGTGATGGTGCTAATGGTGGCAGACTCCCTG
TCGCTGTTTCCCCAAAGTTCTGGCGCGGATGCAAACGATGCAAACACCACGTCATCTTGG
CACCCCCGAGAACTCCGCAAATGCTTGCCAAGAATTACTCCTGCGAAGCAAAGCCCTCAA
GCACACCAAACATAGTTCTGACACCGTTCTCCACGCTGAGGCCCTATCCGTCATCGTCAT
CATCATCCCCGCGAGAGCCACTAACAAGGCCATTATCAAAGGCTTCGCTGCGCCTCCAAG
TATGCTCGTTGAGAACGCCTGCCAGACTTGAGTCTTTCTCCGCCCACTCGACTACTTCTC
TTCAACTGCTACCTGGGTTTGTGATGTTCTTGTTCGAAGAGTCGCATGTCAATCAAGATG
TGTGCTTAAAGCGGAAACATGGAAGCTAGAGAGAAAGAGCAAAGGTTGCGGCAGTGCGGC

GGAGGCGGCCGTGAGTGCCTTATAAGACCTCGTGAAATCAGCAGCAAGTGAAGCTTGTTT
AAAGGTTGCACCGTGTTCGTTCCAGAAACGCGCTGTTTATCACAGTCTCCGACTGGGAAC
GCCTTTCTAGGAAGCTTACACCCTGGTCACTGATCAACCAACAACTCACCATGCATCGCT
TCACGAGAGTGAGCAAGAATCACGACATAAGTCTCTTTGACTATGATCTACTACCAGCAT
GTGCGAGGTCATGCCGTATCCTGGAGATCTCTGAAGGCAACTGTGTTCCACCAGCGGCTC
CGATATCCGATCTGTCCACATACAGAAACTGCGTGTGTCAGTCCGATTACCTGCGCAGCC
TCCATACGGGTGGAGTGGTTTGTCAACATGTATGTAATGAAGAGGACGATGAAATTATCC
ACAGCTACTACGTTAATATGTGTACATCTCCAAAGCCAGCGAAGACGAACATGTTCATCT
CCACGTTGACCATGAGTTCAGCGGCTGTACGAACGACAGTCGCATCCAGCCTGGTCTATC
ACCCAACCGTCGCGACCCCTGCATGCACTGAGACAAGCCAGGGTATCCCAAAGAGTGACT
ACCAATGGTACGTATGGGACCTTTATCCTCCAAACCATAGGCTGATGGTTCCAAGGTCTG
ATCAGAACAGCAAATACCTGGCTACAGCAGCTGGTGTAATTCTCGCAATTATTGCAGCTT
TACTTGGGATAGTCTATTACCGTCGCCGTAACAACCATAATTCCAAGCTCGCGAATCAAC
AAGTCCATGGTCGCTCAATCGCCCTACAGTCACCCACATGCCAAGCAGCACAATCACTCC
GGCTTGACGCTGAACAAGATCGGCACTTGAAGACAAGCGCTAATGCTGACTCGTTGCTTT
TGGCGATACAGAGCCCTTCCGTCCCACCTCCATTCGCGCCGCCGACTCCAAGCCATAAAC
TTGGACATACCATTCGAGTTTATGCGAAGAGAGATAATGAGGGAGATGATCTTGGGAGAA
GTGACGTCGAAGGACCTACCACCCTGGTGCGGTCACTAAGCAGAACGGAGAGGTTGATAA
GGGAGAGGATTAGAATGACTGGTCGACCTGACATCCCAATCAGTGCGACCCCAAAGATTA
CAAGGTGACAAACGTGTAAACGTAGTATATTTTGCAAGGTCTGTTTTGGATTTTCGTGGC
CATATGCATGAATGTGGCACAGCTGGAGTGGAAAGGGTAATAGTACAATACATAGGCAAG
CCATGGGTCTGAATTAGATTCTTCTACCACAACAATGTGTTCATATAACGTGATCAATGT
AATTGTATATTATAGTTAATCACTTGCGCGATATTGCAGGTATGATGAAAGAGCTGTGTT
GGGCGCCAGACGATTATCAAGGTGAGCTATCCTGATGGGGTTAAGGCGCTACCCGCCCGC
GTTTCCATCATCAGGAGCGCTGCATCGATCCGTCCTCGTCTTACTACATCCAGGGGGGAC
TATACAATAGAAACAATGATGATCAAATGGTTGCGCCACAAACGACCCAGCGGCAACGTG
TCAGCATCGCCCGTAAAAAATACCCAGCGCTTTGGTACAACAGACAGCTGACTCTGTGCA
GCCCCAAAAGACGGATTGTGCGTTTCTGGAACTACCAGGCGAGATACGCAATCATATATA
CGCCATGGCTATCTACCCAGAGTTGTCTTCCATTGTGATCGTAAATTGCACCAAACCGGA
GCATCTTGCCGTGTCGGTGCTGAACCTTCCTCTCTTTCGCGTCAGTCGCCAGATTCGGGC
TGAATGCCTTTCCTATATGTGCTCCAGGTTCCCTATACGGATCCTTGGCCTACAGACTGC
GATTGTCTTCTTTTCTTGCGCAGGACCAGCTACCTCCGAGATAAAGGCACTCACCCTTGT
GCAGCCAGCCATGAGCATTCTGGAGAGCAAAGAAAGTCGAGATACTGTGGAGCACTTTTT
CGCAGCACTGAACAGAATGGAAGATTTGAACGAACTTGTATTGGAGGACATAGGGAGGAA
TCCAATGCTAGAACAGAGTGGAAAGGAACTGGAGTTTGTAAGGAGAGTGAAGGACTTGAG
CAAGAGAGGCTTGGATGTGAAAGTTAGGTTTGGGAAAGAACGGGTGGTGTGAGTAAGACA
TGAGATGCATCACCGGTCGACACAGTCAGAAACCTGATTGTTGCCTTCTTGGCATTGTTC
GTGCTACAAAACCCAGAAACTTCTACGAAATGGGCTCCCGAAGCATCACTGTGCTGTAAT
CTGTACCTTCTAACCCATAGTGTGTCAGATCCCACGTTACCACTGCAATGCCGAAAACAC
AAAGTCAGTGACAGTCCCGAAGGCAGTTGATTTGTCGCGACTTACCCTCCTTGGCTTGGA
ATCCCATTCTCTCATATAACGGCTTGCCCATTGGTGACGATTCCAAGAAGGCAGGTAGTC
TTGCGCGATCCGCTTGCCTGGTACCCCAATCGAGCAGCATGGCCCCTGCACCCCTACGAT
AATGGTCTGGGTGCGTTGCGAGGATGTGTAAAACTAGTGTTTGTTAGCAGATCATCTCGA
CATGTTTGGCTGGGCACTGACAGTAAAAAGGCTTTGTTCCCATGTATTCTTTCCTTACTC
GACTAAGAAAGGCCATGAAGTCCAGCAAGCCTTGTTGTCCTTTGTCTTTCTCGTCGGGTA
CCGGATACATCTTCTTGGCTTCTTCTTCACTTCGCTCCTGCTCGTTGATGCGCCATTTGG
CGACTGCAATCATTTTCCCATCGAGATCGGTGTCAATGACTTTGAGGTAAATAACATCTT
TCTCTTCGCTCCACGACTTGACGTGCTTGCCGACAGACTTTTGGACATACTCCTCTGTGA
TAGGATTTGGCGTGAGCAGAGATGTGATACCCCCGCCGTTGGCGAAGGCAGCAATCTGTA
TGGCGACGAACTCGTCAAAGTCGGTGGGAGAGGTTATGCGATGGACTTCAAGAGGCATGA
TGTGCGTCCACTTACGATACCTGAACTCTGAAACTGTTTACTGGAAGACCTTTCTTGCGC
AGCGCTAGAGCTAGTTATACAATGAAAGATCATGGACTGGGATATTGCACAAGTCGCTAG
TACCTTCCTCTTGGGGCAAAGGCGGGGTGGTGCCAAATACCAAAGTAGCCAACGTCGCCC
TTTTCTCCTCGCGATTCCAGTGTTTCTGCATCGTAGCCCTTTTCTCTTGTTCTTTCAGCG
TCTCTGCAGCGTAGCCCTTTCGAATCATCCCGACGTGTATGCGCGATGCATCAGCTTGAG
AAGCGTTTTCCCACAGTGACGTTGGCGGCACAAATGTCAAGGCGTGCTCGTTCGCCCGCA
TCTGGATAGCTACGATGCTTTCGCAGACACCATGTCGCATGGACAAGCTCACCAAGACTT
TTGAACGAGCCATGTTGGCGACGATCCGGTATTTCCGGGAAGCTGTGCGACCGTAGGTTT
GGAACGCAGCTTGGCCTTGAGTCTGGAACGCATGACGATTCGGGATCTGAAGAGATGGAA
CGGGCTGCTGAAACAGTCACAGGATGTGAACACGGTGCGACAGAACTCAGAGTCATGAGA
CGTGATTTTAGCCGAACATCTTTGTCGGATGCGATTGGCTCGCCGTTTCCCCATAGTCTG
GTTACAACGTTGGACGTCCTGAGCTCAGTCTGAAGCCGCATTGACGTCAAGTCACGCGGA
CAGCGAAGCATCAAATCGCAGGGATAGGAAACAACGCCAAGCATCTCACACCCAGCCCCA
TCAGATGGAACTCGCCGCCTCGGTCATCTAGAGTATCCATGCTGCGCATCACCCGTGGAC
CTCGGCAGTTTTTGTCACAGTTCCTGCTAGGTATACCGGGACAGCGGCTACTAGGCTGTA
GCTCTAACCCTAATCCCGTTCCCGATGGCCTCGATTCGACATGGAAGGGCTCGTAGAATA
TGTCGCACGACACCCTTGACCGCCAGTATGCGTACTATTTGTGGTCTGGCATGACGTTTG
ATGTCTTTTCGAAAAGCAAGTGAAAACATGACAGATGTGTACATCGCATGTTCAAGCTCC

TGAAAAGCGGTGGTTAATTGTTCAGCGTTGACCATGGCATTCTGCTGGGCCAGATTATAA
GAAGACATGTCATTCGCTTCATGAGATGAACAGCAGCCCATCCATCTCTACTTCACTTCT
CAAGATACCCGTACTTGTTTTATCTACATTCACCACATACTTGTAATATCTTAATACAAA
TTCCTTGACGGAATCAAGCCACACCCTCTACAGCCATGAAGTCCCTCGTCTTCCTCCTCC
CAACCACCGCATTCGCCGCCCTTACTTCGATCACTCAGAACGACGTGAAGAATGGCGGCG
GTTGCAAACCAATGACCGTCCTTTTCGCCCGTGGCACAACCGAACTTGGCAACATGGGCA
GCATTGCGGGCCCGCCATTTGTCACGGCCCTCGGCGCCATGATGGGAGGTGCTGCCAACG
TCGCCGTACAAGGCATCCAGTACCCAGCAGATGTTCCAGGCTTCCTTGTTGGTGGTGACA
AAGGAGGCAGTCAGCTCATGGCGCAGATGGTTGGACAGGTCAGGGCGCAATGCCCAGACA
CTACACTGGTTATGGCGGGCTACTCGTAAGTAACAAGCAATTCCAACAGGATTTGAGGAC
TATGAAGCCTAACGGAACAACCAGACAAGGTGGACAGCTCGTTCATAACGCAGCAGATAT
GCTTAGTGCCCAGGACTCGGCCTTTGTGTCCAGCGCTGTCATCTTTGGTGACCCAAACAA
CGGCAAGCCTGTCGGTAAAGTCGCGGCCGGAAACACCAAGATCATCTGCGCAACTGGCGA
TCTTATCTGTGCGGGCCAGGCTGTCATCCTGGCGCCGCACTTGTCATATGGTGCTAATGC
GAACGAGGCTGCCAAGTTCGTCATGAGCAACATGGCAGCCGGTGGTGCGGCGGCTGGAGC
TGGAGCTGCTGCCAAGGGTGCGGCAGCTAAGGGTGCTGCTGCTCGAAGCGTGAAGGCAAA
GTATTTCATCTCTTAGTCTCCTGTGTTGCTTCACGGGCCCTATCTCACCTAACGTAACAA
TGACGCAAACGCTGTATATATATACCTTCGCTCGTTCAGCAGCTGCAGGTCAGCTCGTAT
CACCAAGTTTAAATGGAAACTTGCGAATTCAAACATTTTCCAATCTCCATTCAAGTTATC
ATGCTTGGGATCATACCTAGGTACTCCACGCATCTCCTACTGTCTTTTTCGGAGCCCACG
GTCAAATCTTCTCCCCTCTTGTACCAAGCCTAACGCTTTGGGCAGTATGAAACATGGATC
TCAAGCCTTGATGAATCACCTAACTGGAACGAAGATCCTGTCGATGTCTGGTCCCCAACC
TCCATCAATACCGCTGATCTTNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNGTTGCTGAAGA
CTGGATATTGGGAAATGTGGCCGAGCCGGACGTGGTGCCGCCAATGTACCCAGCTGCCTT
GGAGCCTGAGCAGGAAGAGCAGGCCTGAGATTTGGCACCGTTAGCAAGGTTTGCGCTTTC
ACCTTCGTACGAGGTTTCTTCGGGGCCGGAGGTAGTGGCCCCAGAGTTGGGGTCGAGAAT
CCAGTTGACTGTGTTCTTCATGCTGGCGGTAGTCCCGGAGATCTGAAGTGGGAGCCACAC
GTATGTGCTTCTCATCAAGTTCTCACTCTGCCATCGATCGCCCATGTATACGTATCCGTT
CCCAACAGGCAATACAAAGGTTGTTTGAGAAGCGTACGTGTTTGATCCTGAGTCTGCAAA
CTTTTTCCACGAAGACCATGGTCCCGAAAGGGCCGTTGATGTACTGTAGTAGTTGTCGTT
TGGGTTCCATCCGGTGAGCTGTGAAGCGAACATGAAGTATACACCCTCGTGTTTGATGAC
GGCTGGGGACTCATATTTCTCTTTCCAGACGTAGACATTTTTAGTAATGTTGAGATAGTC
ATCGGAGAGTGCGTTGATACGTAAGCCGTTGCTGCGCTATTCTTGTCAGTAATGTGGGTG
CTGATGGTTGAACAAGAGAAGCCTACGTCTTCAGTGAGTAGATAACCCTTGCCGTCGTCA
TCAACGAACACGCCTGAATCTCTACTCTCGAAACCCAATGGTCGCTCGCTTCGCAAATAC
GTGTATTTTCCACAGACACTGTCTCCAACAGCGACACCGATCTTGGCCTCACCATAGTCG
GCGCTGTCAATATGCATCCATAGAACATACTTGCCTGTTTGCTTGTTGTGCATAACCTTT
GGTCTCTCGATGACACGATTGGGTCCTGTATCGCCGGATGCAGTACGAGAGATCAGGGCA
CCCTCATAAGTCCATTCGACGAGGTTAGTGGACGAGTAGCAGTTGATGTTTGTGAAAGCT
GTTCCGTTGGTTTTGTCTTCGCCAACCCTATCGGTGTGTCAGACTGGGAGAGCTTGAGCC
TATGCGTAGACCATTCCTACCAATACCACTTTCCTCCATCCTTGATGATGCCGGCGCCGT
GAGCCTGAATGTGCTGACCTGTGTTTGTCTGAAGCGATGTCGTCAGTTAGCGTACCGGAT
GGGACACGACGCAACGCACTGCTGTCCAGGTTGCACCAGGGACGATCTGAAGTGTCGCAC
TCGCGACTGAGGCGGTCAAGCTAAGGCCTGCTAAACTAAGAAGGCGCATGGCGAAGTTGG
GATATCAGAATGCAGATGTCAGTCAAGAATGGCGGGTCGAGGAAGCACGTCTAAGATATA
GTGTCGAGCGACCAATAGGCCTAGCATCGTCATGCTAACATATCCAGTAGGATGTCCGCT
CATCCCTCATTGACGGAAAATGGAGGCCGCGCTATGGAGTGTCACGAGTAAACACGAAGG
TTTAATAGTTGGGGCGGCGTATTAACATCGGAGCAAGGGTAGTAGTAAACGAATTGTGGG
GAAGGAGAGTTTAGGTGCGGAAACTATGCTTAATTGGACGTCTGTCGCGTACATTGCCAT
GGTGGCTGCATGGGTTGCAAATAGCCCGACGTCCGTGATATTGCGAGTGTGGGTGTCTGC
ACTCGGGAGCGCGTTGATGCGGAAGGTCATGGTCGTAGCGCGCTAACCCCCGCGCGGATT
CGCCCAAACAAACAACGCTCCGGCCAGGGCCATCACAAGCACCACAACCCAACCCACCAT
GGCGCGCACGACCAAGTACAACACGGCCGTCTCGCCGCAGAAGACACCCATCAAGGTGCC
GCTCAACGACGACCGACAGGAAAAGGCCATCCGCCGCCATGCACAGCAAGAAGCCCAGCG
CAACTCGATGCGCGCCTCGACGGCTACTGCCACGCCTGGAAGACGACGCACGTTGCATGG
CGCCGACCATGACAGCCCCCAAACGCCCTCGCAAGACCAGGACGACATGCCAGACATCAC
TGGCAACGCCGTCACGCCGGGAAACCGCGGCGTCATGCCCTTGCTGGCCAACTTCGAGGA
ATGGATGAAGATGGCCACGGACAACGTAGGCATACACAGCTGCACCCACTAGGTCGAGGC
TGACGTGACGGGCAGAAAATCAACGCAAACAACTCGTGGAACTTCGCTCTCATCGATTAC
TTTCACGAAATGTCTCTACTCAAGGAAGGCGACGGCGTCAACTTTCAGAAGGCGAGCTGC
ACACTCGATGGCTGCGTCAAGATCTATACCAGCAGGGTCGACAGCGTGGCCACCGACACG
GGCAAGCTGCTTAGCGGACTCGCAGAGAATGCCAGCAAGAAGCGGAGAGACGGTCATGAC
GCTGATGGAGGCGACGACGACGACGACGGCGAAGGCGAAGATGGTGAGGATGGAGAGGGT
GGCCAGAAGAAGCGCAAGAAGAGGGCTGCCCGGTCGGCCGAAGCTACCCTCGCGTCTTCC
TTTGCACAACTACAGAACAAGAAGATGGAGCTCGAGTTTTCAGTAGATCCGCTCTTCAAA
AAAGCCTCCGCCGACTTTGACGAGGGCGGAGCAAAAGGTCTCCTCCTGAATCACCTGGCC

ATAGACGGAAGAGGCAGGATCGTCTTTGACAGCAGCGACGACGCAAACGATGCGACCGCC
GACGACACACGTGCTACCCCAGTGCCCGAAGACGCCCATATGCAGCAAGACCAGTCCCAG
ACGCCCGATGCTATCGATGTCGATATATCTGGCCTGGCTGCCAGGTACTTTCCCGATCTA
TCCCAGCTCGACCGGGAGGACGTGTGCCCCTCGATGAAGACGTTCGACCTTGGTGATGTA
AACGGTTCCATGGATCTTCCCTTTCTCAAGGCCCCCGATGACTCTGCCAACGAAGACGGT
GCCAAAGATGAAGAAGACGAGGCGGGCAACCGGTCAGGCCTCTTTTTGGATGACGACAAT
CCTATGGGCTTCGACGATGACGACGACGTGAACATGGGCGGATTCGACCTACCTCCGGAA
ACGGGCTTTGGCGAAGGCGGAGAGGTCTGGGCTCGTCAAGTAATCCAACATCCACAGGCT
CGCGTTCACACTATGGGCCTTGAAGGGGATGAGGAGCCAGACAGCGCCGAGGGTGCACTC
GGCACTGGTGCTCAATATGGCGTCTCTATGATGCACGGTCGTGATCAAGAACAGGAGAAT
ATTCTGACCTACTTCGATCAAGCTCTTAAGAAGAGCTGGGCAGGTCCTGAGCATTGGCGT
ATCTCACGAGTCAAGCATTCTGCAAAGGCAACACCAGCAACGAAACGGAAAGAGAGGGAG
CCCTTCGAGATTGACTTCGCCGCACCCATGGCTCAGACACTAGCTGATATGCTCTACACG
CCTGCAACATCCAATTCAACTATATCTCTACCAAAAGCGCAATGGAAGTCCAAGTCGCGT
AATCTTCTCCCAGACGACAAGCATTTCAACTCGAAGCAGCTATTGCGTCTCTTCTTGAAA
CCCAAAGCACGTATGGACTCCCGAAAGGGCGGACGCCGTGCACAAGCACAGTCTGGAGAC
CCAGCACGCGTCGACGAAGCATACTGGGCTGATCAAGGTCAAGAAGGCGAGGGTGACGAC
ATACAGGGCAATTACGATGCCGACTTCTTCCAAGATGATGGTTTGCCAATGCCTGGTGGG
CCTATCGACGATGAGGACGTTTTCGCAGACGCTCGCGACCACTTTTCGCCGCCGCCTGAC
GCACCCGAAGCTACACTACCAATAGACGGCATGCTACCTAGCTCGCAGACTGACGCGTTT
GGTGCGCAGCTAGTAACACAAAGCCGACGATTCCGGCCCGAATACGTGCAGTACGCAAGA
GTCGCAAAGAAGGTGGACGTGAAAAGATTGAAGGACGAGCTATGGAAAGGTATCGGATTC
GAAGGCGTAAGTTATGGAACCAACTCTTACATAGCATCCAAGCTGACCAATATTAGATCT
CTGGGCCTCCTCAACCCAACGTCGCCGACGATCCAGCAAACAAAGCTGTCGATGGTTCAT
TGACTTTTACCGATGTCGTCAACAGCTTACAGGCTGTGTATCCGAAACAAACCATGGCCG
ATATCTCAACGAGTTATTGCTTCATCTGCTTGCTGCATCTAGCCAACGAACAAGGTTTGG
TTATCGAGAATCAAGAGAAGTACGAGAACCTTACCATACGGAAAGACTTCACGGCGGAGT
TGGATGTTGGTGGGGCATGAGGTCCTACTATCTGGGTCACTCATTCTCACAGCTCGCCTT
ATAGCTGATTGAAACACGACTCTAATTTATACATTATTAGAACCAATGATACCTTGCTTC
ATGAGCTGCAAGCGTTTGAAACGCTTGTTTTTCCCACTTCACCAGACGATTCCTTCCTAC
CTCCAAACGCTCCTGTTTCCCGTCGCAAGCCTCGTGCGCTTTGGTAATCTGTATTCATCC
CCCAGGTTCGAAGCAGTAATGCCCGTAAGCAGTCGTGATACCAGAGCCCAGAATTGAGTG
TACCTATGACTTTCAACAGTCCTCTAGCCATTTCCTTGTTCTTTAGCTGCGGAAGTCCTT
TGTTTCAAGCGCTCTGGGCAGTATTCGGGACATTGTTCGTGTCCAAAGCAGTGTCGTCCA
CTCGATCCTGGTAGGTCGGCATGAACACAATGGTTGTAATCAGCCCCCTCCTTGTCCTTA
CCGCAGCCACGGCATCGTGATCTCAACAGGTTCACTCGATGTGAGTCAAGCACCAAATGG
GACGGTCGATAGCAGTGAGAGTGTCCGCAGAGATGTGATACTTCGAACTGTTGGGGCACA
TCCCCGACGATGGTGGTGAACTTCAACGCGTATCTGAATCCCATAACATTCATGGCAGCA
TGCGTGTATAGCAGATTTCCCCTAAATGCTGGTTCAGGTTCTTGCGATTGATGTTGTGTA
CCCGGTACATGGTCTAGGCACTTCCAAAAGGATATCGCCAGCTCGTTGTTCCTCGAGCTA
CCCAACAACCGCGAGGGCCCACAACTTCAGTGTCGTTGAGAAGCACACGCCAGCACTCTC
CATCTCTGATTTGCCGCGACAGTCTGAATCTCGCTGACCCTAGCCGGTATCTATGAAGAT
CAACCAGTTGCTGGTACATAGGTGCAGGTGGAACCATCAGTTGCTCCTCCAACAGTCGAT
CGGGCAGGACGGTGATCTTCCGGGAAATGCGAACTTCGATCATCCGCTGGACATTGCGTC
TAGGAGGACTTTGGGCTATTGAGACGTTGTCCGTAGTAGAGTCTGTGGTCTGTTGCGTAT
CATGTTGATTTCGAAGTCTTCGACTGGACCTAGGTGCAGTATGAGATCTCAAGCAGGTAC
GACGATCGATCGGATTCAGAGTTGTTGTGGAGCCGATTATGCGAGCCATCTTTGGGAAGT
AGAGTGTTATCTTAGAGTAGGAAAGTGTGAAGCAAACACCCTCGAGACAGTGCCCGTCTT
GTGTACTGGTTGTATCAACATATGTAGATGACTTGTAGGTCGTCAATCAGATTTCAAGCA
AACATAGAATCATCTACAAATACGTGATGAAGATACGTTTACGCCTAACGGTAGACTACA
TGTAGGTCACAACATCATGCATGGTACTCTCGGGATGGCATGCTGGCAGCAGGATGCATC
TAGGATCGATATGACAAAGGACTTCGCGGCGCAGTACATGAATGAAGGAATAGGGCGACT
GCAGCGATTCAATGAAGTGATAGCCCGTTGTGTTGTGAACAATTTACTGTCACAGTTGCC
TTTTGGTTGTTTTTATTGGCCCGGCACCAACCGTCCCGTCTTCACGTATCCGCTAGTATG
GTGTTGCATATAAAGAAACGATACATCATCTTTCGCTACGTCTTCACAACCATACAGCGA
CCATCCATCCAGTGACGAGTCCGACCCACACATACAGTACTTTCCCGATCGCTGTGCTTG
GGGCTTTTGACTCTGCATCCTGTTGCGGTGTAGACTGCACATTCTCCTTAAACTGTCCAA
CCACATTTCCCCGAGGCCAGTACTCACAGACGACAAACCACCCCGGAGCATCGCCCTCAC
CACCACTGGTACCACCATTACATTCTTTGCGGCCGCATCCCATTGAGGTTGTCGATTTCC
ACACAAGTTGAGTAAAGTGGCCAGTTTCCTCGCTTGGTAAAGTCAGTAAGCACGTATATA
CATGGCGTAAACAGAGAGCTGAACAAACCTGAATTCCCCTGCCTTGAAATCATACTTCGT
GCTCTCATTTCCCCATGCCGTGACGGTAAGCTCTGCGCTGCCATATCCTGAACCGAGATT
CTCACCGTATGGTCCGCCCTACACGGTCTCTAGCATTAGCGCAGTCGACATGTCATTGTA
GTTCCCGAGCCGCTGATCCTTCTCCCATCTGTGGGTATTGTCGCTTTGGAAGCGAGACAT
CGATTCCGGGTTTCAGCAGCGCGTGCTGGCCTAGGATCAAGTGGTGTAACGTACGCTATG
CTCAAATTTGCAACCGTCTGCCAAGTCCTGAGCGTAGTCGGATAGAGTCGTGTTCCACTC
AAGCTTTGATGCATTGTGTTGCACACGATACTCAATAGTGACGTTCATCAAGTCGTCCTG
AAAAGAGCTGTCACTCGTGTATGATGTCGTTGCTTCGTCAGCAGCTGCGGCCAACACGGT

CATGATGAGGGCGACGAGCATGCCAAGAAAAGGGCTTGGTTTCCACATATTGGGCCACTC
GAATACGAAGGGTAGTGAATGTCCTGATGAAAGATACAAAGCTCGTGCGTGGACTGTATT
GAAACACTTTTCGACGTTATAAGAAGCAAAACATGTAAATGTTTGATGAGATATCGACAG
CAGTTTCGTAGTAAGTGAAAGCCGAAATCCGGTTTCTGAGCTACTGCAGGAGCGGCGACT
CGAAGTTAACGGTCATCGTGTTGTTCCTTGGATAGGGCGCAAAGATTATGACGTAGGTGG
ATAAGGGAAGTTAGCGACATCAACCCCCTGTCCAGATCCTAATGCATGTCTGGGCAACGG
ATGGAAGCTGATCGGCATTTTAGGATATGTATCATATTTCTTAATCAACATACAACATGG
CTTCAACAAACATTCCTTTCATTGTCCAGATTCGTTACTCGTATTATCATCAACTCTCAT
CAATCCAACCACACGATTGTCCCATAAGTCGGTAGTCCGTGCGTTCACTGACCATCGCAG
CCATATACTTAAATCAAAATCAAGCGCAACGCCGACGCCAAACCAGAAGGGGTAGTCCAG
AGGCCAAAGCGACACGCAATACGAAACGTACGACGCTAAAACGACCATGGTATCTGAACT
TTTCCTTGTAATCGAAAACAAAAAGCCTCGAATAGAAAAGTGACAAATGACAGAAGATCA
AGGCGCGTATCGCGACTCCCCAACAGTACCTGGTATATCTCGCGAAAAACAAAGAAGCAT
CGAGACGGCGCTTAAGCGGCCAACCGAAGAGCGCTGCAGCGGGGACGGGGCATGACTGTT
CAAAAACGTGAAGGAGTCTACTAGCATCACTGACGCTCAACTCCGCAGCAGCCTCAGAGG
ATCCAGTCGACCATTTCTGGTTTCTCTGCGACCAAGCCTATTTCTTCTTCCTGACTTGGG
TGCCAGCAGCCCATCTGAAGAAAGGTGATGGCGCAGGCTTCTTGCGAGAACTTCCGGAGC
TGCCACTGCCACTGGGCATAACGACAACTGCAGGAGGGGGGGAACCACCAGCAGGATGTC
CAGGAGGCGGCGGTGGGGGTGGAGGACCAGGCATGACACCCGGAGGAGGAGGGGGCACTT
GCACGATATGTGCCTGAGGGAGGGATTGGCGTTTCTGGCTCTTGTCCCTCTTGCCCTTTC
CTTTCAACGGAAGGTGGCTGGACAGGAACACTTGCGCATCCGGTGGAGGGGGCGGTGGTG
GAGGAAACGCTTCTTTGGGCGGTTCCGGTGGTGGTGGCGGGGGTTCAGGCATTGGCCACA
TATGCATAGTAATGGCCCAGTCTGGTTGGATCATGGTTTCCCAGACCTGGGGGAGGATGA
TCTCGCCGTCCGGTCCGACGAGGTCGTAGTGGCCTTCATGAACGTGAGGGCCAATCACAT
CGACGTGCAGAAAAGCTTGCTTGATGAGTTCTTCCATGCCCTGACCGAATGTTAGCTCCA
AATTGAGACCTGTTACCCAGACAACTTACCTTCCATGTTTTACACAGAGCCCACGGGAAG
CTGAACTTGCGACCAACAGCATCCTTGAACTTGATTGGGGCCTTTGGAGCGTCGGATGGT
TTCAACTTGGCGGCCTCTTCTTCAGCAGCCTTCTTTCCCTTTTCCAGGTCGTCCGCAGCA
GCCTTGGCTTCTGCCAAAGCCTTCTCATGGGCCTTCTTGGTCTCCTCGGCTTCTGCGGCG
GCTTTCTTCTCAGCTTCTTCACGTGCCTTTTGCGCTGCTTCGAGCATCAGCTTGGCTTTT
TCGGCAGCGGCTTTCTTTTCTTCTGCAATCTTGGTTGCCTCCGCATCTGCAGCTGCCTTG
TCGGCTGCTCGAGCCGCGTCTGCAGCCGCCTCACGCTTGAGTTGTTCGTCTTTCTGAGCA
AGGATGAGGCTTTCGAGTTTGGCGAGCTTGTCTTCATCACCCCTCTTCTTTGCCTCGGCA
GCTTCTTGAGCAGCCTTCTCGGCAGCCTCCTTCTTAGCCTTTTCTTTCTCGATTTTAGCC
TCTTGTTGGGCAATGAGCAGATTTTCGAGGCGATCGAACTTGGCTAATTCAGCGTCTCTT
CTTGCTTTCTCGGCCGCCTTTCTCTCCTCTTCCTCCTTGCCCAATAAGAGTTTCTCAAGC
TTGGAGAGCATGCCCTCCTCCTTTGGATCAGGTTGCGCGGGAGCGGGAGGCGGAGGGGGA
GGTTGAGCCATCATAGCCATAGGGTGCATTTGTTGCATGAGCTGCTGTTGCATGGGTTGC
TGCATGAGTTGCTGTTGCATGGGTTGCTGTTGCAACTGCTGTTGTTGCATAAGCTGCTGC
AACGTCTGCAGTTGCATCTGGTCAGCAGGGGTTTGGGCTGGCTGAGGCTGAGGTGGGGGC
GGAGGCGGAGCTGGTGCAGCGGGGACATGATGTTCTTCTTCAGGCGGAGGCTGGGGCTTC
GGTGTAGGACGCTTCGAGGGTGGATGCGAGGGTGGGTGCGAAGGCGGGTGTTGTGGAGGT
GGAGAGTGATGCTCTGGATGTCCGTACGGATACATGTGCGGTGGCATGCCACCATAGGGC
GAAGCACCGTATGGTGGGTAGTAGCCCATTGGTGAATAAGGCATCATGTCTGCTTGGGGC
GCCGCCGGCATGGACTTACGATGACCCCTACGTGATTGACGCGGATCTTGGTGGCGTGGG
TCTTGATGGCGCGGGTCCTGGTAATCGGGAAAGTAACCGCCGCGTGGATCGCCAGCCGAA
GGAGGACCTTGAGTAAAAGGATTCTGGCCGTTAGGGGCAAAGGGGTTCTGAGCATAGGCC
GAGTGTGCCTCTTGACCGAAGGGCACCAGCTGACCCGGGGGCGATTGTGCGCCGCCCGGG
AAGCCGCCGTAGGGGTAGCGTGGATCCGACATCAAGCTGGGCGCATAGCCGTTGGGAGCA
TGTTGGGGTATGTGGCCCCAGCCAGCACTGGGATGGCCGGGAGGATGGCCAGGGTGGGGC
GGGGCTCCGTATGGGTAGTCGTCGTCCTCGACCTCGAGAGCGTCCTGATGGACGGATTGG
GGCCTTGGCCGCCTCGACCTGCGTGTGCGCTCCAGTTTGCTGCGGCTGCGGCTACGACTT
TGGCTCTCGTGGCGCGAGGGAGGATCTGGGACGGGCGCTGCGTGACGCGAAGAGGCTCGA
TCTCGGTGCGAGGCCTTTGTGCGTGGTCCACGTGGAGGGGCTATAGCAGGTGGGGGAATA
ACGTGGCGTGCAACAGCGTGATGCGAGACAGCGTGCCGCTGCGCCGAGTGGTGCTTGCTG
ACGACTTGTGGACGCGAGGCCGAGTCGGAGGGGTTGATTTCGTCCTCTATGTAGTCCCAC
GAGCCTTCCTCGTCGTCGTCTTCGTCTTCCTCGTCGTCGTCGTCGTCTTCCTCGCCCTCT
TCGTCTTCTTCGTCGTCTTCCTCGTCGGTCGCCTCCGAGGTGGTGTATTCGTCCTCGCTG
GCGGAGACTACCTGGATGCCGGCCGAGTCCTCGTCGGTAAAGTCGTCGTCGTCTTCGAAG
GCGCCCGTGTGGTTATTGACTGTGATTCCCTTCCGGAGTCTGATGGCCACGTTAGTGTCG
CCCTTGACATGATAGCGGCGCTGGGGAGGAGAAATGGACACGCTCGACGGCGCGGTGCTG
TGTGTTGCGCGCGACTTTACAGCGGAGCGCCGCGACGACGCAGCATGGGGCATGGCGCGA
CGTTGGGGGAGATGGGCTATGACTAACGGCATGAGTCTGGTGGTGCTGACGGAACCGCAC
TCGAGCCTCCTTCTGCTAGAGAATGGCCGAGTCCAGGGTTCCGAGGTGCGCGAGCAAGGT
GCGGTGCGGTGTGGGCGAAGGGAGGATTGGAGGTGGAGCACAGGTGCGGGCGCGAGAAGA
TGTTAGGAGAACGCGGGGCAGGGCAGGAGATGGGTTGCTGTCCAAGGTTGCCTAAGCACA
AAAACGGTACGCTATAACCAGTGGCGTATGGGTAAACAACAACAATCTCAAAATCCACGG
CAGACTGTGGTCAGGCGGGACAGTCGGGCGACGTCTTGGGGAGGGCAGGAGAGCAGAAAA

AGCGTCAACCCTGGCTGCCGAAACGGTTTGGTTCTAACTAGGCGGCTGTGTCGTGTCGTG
CTTCGGTCTTGTCTCTAACGTCAAATCGATATAGTAGGAATTCGTGTTTCAAGGCCGGCG
CCCAACCCTCCAGTCCAGACAATAGTGCGCAGAAAACGATTGTGCTGGCTCGGACATAGT
CTGGCTGAAGCAATAGTAGATATGCTTGATGATGACGACAGCGATGTAATGTCTGCGATG
TGATGTGGAAGCCGCTCTACTATACTCCATCTACAGTGCCCGTTGCCATTGCTATTAAAT
TCACCTCATCATCCTGCAGCAGTACTGCCATCGCTGGGAGTCATGCTACCTTTGTCTAGC
CGGCTACGTGGTTCCAACTCAGCGGCCTCACTGACCGCTTAGCAGCCCAAACGATGCGGC
TCATGCAGCCCAACGAGGGCATAGTCGGGTGTCTGACACGTGTAGTCATGAGGAGCGACG
ACTGTTTGCTTATTCGACAACAACGTCACCGTCGACAGAGCATGTCTGTGGAACAAGCTG
CCTCTAACGTGTTTCAGAGCGCTCACGTACCAAGACAGCGTGCTGTATAAACCACGTCCA
GTATACGCCCATCCATCGTTCCAATACAGAACTGGAACAACGAACAAAGCCAACGTATGG
AGCGGGTTCTCGACATCGGCCGGTGCGTGCCGTTCGCCTATCTTAGCTGCATACTGGACC
CACGTCGTTCGAGGAAAGAACGTAAACCTTTTTCGCCTACAACAACACGCGATATGGGTC
GTGGACAGGTAGACAGATCGCCTAGAAGCCTGGAATGCCGGCCTGACTGTTCAGTCGCTG
TGTCTGTGGTACTGCAAACTACAGGAATATTATTGTCTTCACAGCAGTTTAATATCCTCC
TTGCCCTGAAGCTACACACTATTACTTTTTCGCAAAACTGTATCACAAAATACTATGTAT
ACTTCCAGGACTGAATTCGCTCTCGATTCCAACACCAAAAGACCTTAGCGTGTTCCGGGA
GGTATTCGCATAATACCTCTGCTTTGACGATAACGTATCATTGCATAGACATTCGCAGTT
GATGTCGAACAAGCAGTAGGCCCATGTGTGTATCTGTGGTCATCTTACCCATCTCCTTTG
TATCTTCGAGCCACGCGCTATTCAAACGCAACGACAAGATCATGGGAGCAAGGTGCCTAA
CAAGAAACACAAACACGATTCCAGAAGGCACTACGCGCATACAAACCACATGTGAGCTGG
GCGGGAGGAAATCATCTCGGATGAGAAGCCGACAGCAAGGTTCGGCACCAAATGCGTGAT
CGAATTGGTATCTAGTATGCATCCACAAACGCCTGACAATGCAAGATGCTTTTCGCTTAT
GCTTCCTCCTCTTCATCTTCCTCGTCTTCGTCTGCCGTACCATTGGTCAAGCCTTTTCTA
GGCACCTCGAAGACATAAATGCCGTTTTTGACCTTCCCAGACATCCATCGAGCCAGCCTG
GGCTCTTTGCCTACGGCGGCTACGATGCAGAGCCCATCCTTGCCTCTATCTCCCCTCTCT
TGTACCGCAAGGCCGTTGACGATACCTCGTATAAGGATAGCACCGTCCTTGGCGTCGCCA
TTAACCATAGACTCGTCCTCCACCGTCGGTACGCGCCCTACTTTGCCCACTGGCTCAATG
CTTTTCTTGTCCGCTGTAATCTTCCACGCGCGTATCCAGCCGTCCCAGCTTGCTGTAAGA
ATGAGATCGGCAAAAGGAACAGTAGCAAGCGCAGTCACGTATCGCGGAAGCCGGGGACCG
GGCTTTACTGATGTTGCGGCGTCGTCGTTGGCGGACATTTGCTCGGGCGAGAGCGGTGGA
TCACGGCCGTGAGTGAGTGGGTATGTGAAGAGAGGCTTTTTCCGGTTGACAGACCATAGC
GACAGTGCACCATTGTCAGATGCTGTAACGAACAAGCCGGCGTCGAGAAGACCAACGCAG
TCGATGGAGCCCTCAGCATATGCGATGGGCGGGTCATCGTCATTGTCGGACGTTCCACCG
TTGGCCTGTTCATCCTGTTTTTCGTCTCCATCAACATTTTTTCCGAATCGACCTTTGCGC
AACTTGTCCAGGCCCTTTTGTCTAGCCGTACCGCCTCCATGGAACACGAGCTGGTTTTCC
TCGACGACTCTCCACAAGCGAGCGGTGCGATCTCTTGCGCCTACACTGACACAAGTCTCC
TGATTGAGCTCCAGCCCGCCTGCTACACCAATGACAGCGTCCTGATGTCCGACAAGCGTC
TCAATATATGCTGATTCCGGCGCGCTCCAGACAATGACAGCTCGGTCCGCACCGCCAGAG
AAGAGTTGTTCGGTGCCCCTTCGGAAGGACAGAGAGAGGACGGCGTCTCGATGGCGAGTG
AAGAGGTGACGGGGTGTAAGAGTGTCGGCGTCCCAGATGATCAGGCGAGCATGCTTGTCG
CCAGTGGCCAGGTACTTTCCCGAGTCGGAGACAGCAATAGATACGATCTCGCCCGTGTGG
CCCAGGAAGGCGCGGTCGCCTTTTTTGTTCTTGTTCCCTTTCCGCCAGAGGAGCCTCTTT
GGTGTGGTGCGCGGCGTCAAGTTGGACGGTCGGCTGGGGTCAGGCGCATACGACTTTGGG
TCAGCGATTTCCCACTTCTCGACGACAAGATCTTTGCTGATGGTCCAGGCATACGGCAGC
TTGACGGCACATCCTGTTGTAGCTTTTTGCAGCCCCGAGTAGCCGGTGGCATGCGATGCA
TGCTCAAAGTCAAGCTCGGTGGCAATTGACCTGTAGATCTTGCCCTTTCCCTCTGCGACG
TCTTCTTTTAGTCGCTCAGCGATGAGGTCTTTGTCAATCTGCTCGGCGTCGAAGCCCACT
TCCTCCTCGACTTCGTTGCGAATGTTCTCGAGGTAGCGCTCTGCCAACCTGAGACGCTTT
TCCGCCGCAGTCTCGTTCTCATCTTCAGAGGTGGTGGAGCCGCCGTCTGCGTCGTCTTCG
TCGTCGTCGAAGGTGGGTGCGCCGTCGCCGTCGGATTCGTCGCTGCCACTGATGGACTCT
TCTCGCTGGGAGCGACGAGCATGCGCGTCCGTGTTGCGACGTTTGGGGGCGCTGGCTGCG
ACTTCGCCGCGCTTCCGTTTCCGTTGCGAGGCCGGCGTGGTGAAGAAAGACGACGACATG
GTTGTGGTTGCCGTTTGACCTGCGCGGAAGAGATCTGTGTAGTAGGAATTGTCTTGGCTA
GAAACTTTTTGCGGACCCTAACGCCAAGCAAGACCTCCGTCATGCATGGGTTCGCGTCTT
CCGACTGTACCGTGTTCACATGTGAGGATCGCCAACTCGACACGACATGCGCTGCATTCG
GCGCCGCTCGACACGCCAATTTGTCTTCTCGCAGTGATTTCTGCATTGCACTGCATCGCA
TTGCACCGCACGTACAATTGGCAGACCGGTTCGCTAACAGACACAGCGCAAACACCGCTG
CCAACCCTCGGCCACTGTCGCCTCATATGACTTGAATGTGCGTGCATCCACGATAAACTC
TTGACCATTGTGCCGCGCGACTTCCCTGTAGTCGTGCAGGCACAAGCAACAGAGCAAAGG
TCATGATGGCGCAAGAGACGGCACCGCCAGACTCGCCCTTGGATGCGTTTGCGCCTGCGC
CCGACGACATCGAACAACTCGACCAATTCCGCCGTTCGCCCCACCCGTACTTGCATCATA
GAGATCAGCTACGGAGACGGTCGCCAGATCCGGCGCACGACGTTTCTCTGCACTCGCAAT
CGCAATCGCAAACCCCGCCTCGGCCCCTAGACAAGACCATGAGGAAAACGCCGTCACAAT
CACCAAGTGAAAGCGGCACCGAGGCCGACGACGAGGGCTGCAGCCTTGTCAAGGCACTGC
CTGCTCCTCCCTTGCGACCGCACAAGGGCCTCCGTGAGTCCCAGGCATTGGGCACAGAGG
CGTGGGCGAGCCCCCTCCTCACCCCCACACAGATTGACGATGAGGGGAGGAAGCTCTCCG
AGGGCTACTTCGCTCGCAACAACAAGACGAGACGCAAGGGAGACGTATACCATAGCGACG

ACGAAGCGAGGGCGGCCAGGCAGAGATACCTCCAGCGGCGGCGCAACGAGCTGGTCAGGA
GAACGACCGAGACTGCATTGCTTGCGGGCATTGCCGTCCTGGCTGTCCGTGGTTGCGACT
GCTGGACCAAACTGCTGGCATGGCATAGAGGTCAGTCCGCATCCCTTGCCTGCGCCAAAG
TATGCTGACCTGTGTCTAGTAGAGCTGTTGACACACTGTTCTGTCATGGCTGGCGTTTTG
GGGCTATATCCGCTTCGGCTTCTGTACTACTCATGGAGAAATCACTCTCAACTCCGGCTT
GGCCGTCAAATACATCTACCAGCCGCCTTCGATCCGGCCACTATCCTCTACCCCCCAATA
TTGCCCGTCCTGATTGCGATCTCCCTGTTTGCCTCATCGTCAAAGCCCCTTCTACCCAAC
ATGTTGCTTGGACTAGCCGCTTTACCAGCCAGGCTTGTTCCTTTCAGAAGCGCTACCTTG
GGCTACTCTCCTCTGCACTGGCTGATATCCATCATGCCCCTGATCGTTTCAGAGAACACC
GATATACCCTCTCGGCTGTTTGCACAGACACCATACAAGCTCAAGTTACCCCCGCCTAAC
CAAGGTGTAGACCCAGAACTTCTGGTGATGTTATTCCCCTTGCATCAGGCGCTACTACCG
CCCTTGTACTATCTCACCACGACGAGCCTTTTGCCAGCCGAGTTGCATTTGCTTTCCATT
GGGCTCATCAACCTCCTCTTATTCTCGGAAACTCCTCAAGCAACCATACTCACTGTCTTG
CTGTGGCTAGGCGGGCTGGGTGTTTTCTTGCTTTGCGGCAGGATCTTGAAGTGGGGTGTT
GCACTTGCACGCATTCCGCGATGGAGGCTTCGGCGTGCTGGCCAAGTCATCCGAGCTCGA
CAGAATTTCTTGCAGGTCCTGAACCACAGCCTGGGTTCCAGGCGCGGCGGGAGTGGTTCG
GTGAGAAATGCGAGTGATAGTGATGCGGATGAAGAAGATCCTGCATTTGAAAATGCTCTC
CACAAGACTAAGAGTCTGAAAGTCAACATTCTAGATTCTGCGAAACACAGCAGACTTCGC
ATGGACGGCGATGAGCCACGATCCGCGGTTGAAGCGACAAATACGGGCTTTCAGCAATCG
AATGGTGGCGAAAGAGCCAACCATAGCAGCGGACGCAGGCGAAGGAACACCCTTCCAGTT
CTCGTCGCTGAAGACCATACATCAAAGCATCAGTACTCGAGTCGAAAACGATCGAGATCA
ATTGTGCAGTCCTACCTGTCGCTCACACCGACCGAGGCCACCATGAGGAAGTGGTTGTAC
GCAGGATACTTCTATGCGATTGTAGTCGCGCTAATACTTGGACCAATTCGGTATACTATC
GGCGAACATGCTCTCCACCACAACGAACCGTTTGGATGGGCCATCAGCTACCTCTTCGGC
AATGTACCACGCGTGCGATGGGAGGTGTTCCAGTGGAATTTGGACTGGTGGGTCCCACTA
CCGACGAGACTGGATTCTGACGACATGCTCGAATCCGCACAACATCTATCACCTGCGGAG
TATGTGCGTTTCTTAGTGGTAGGCGAAGCAAACACACGTCTCTTGCTGTGCTTGTACTGT
GCCGGAACTATCATTGCCGGCCTTGTTGCAGTCTTCTCACTTTCCGCGGTTGTAGAAGTC
GATACGCGCAGAAAGGTGTTCCATGGCACCATGGTCGCGATGCTTCTTCCGACCATCTTC
ATCGATCCTTGTTTTGTCGCACTAGCCCTTGCGTTGGTGCTTGCGATATTTCTCCTTCTG
GATCTGATTCGTGCCTCGCAACTGCCACCACTGTCGAAACCCATTGCTAGGTTCCTCACG
CCGTACGTAGACGGTCGTGATCTCCGGGGTCCAGTAGTAGTATCACACATCTTTCTCCTC
ATAGGCTGCGCAATACCGCTTTGGCTATCGCTCGCAGGTATAGAACGGGCTGGCGATGAG
CCATGGCAAGGGTGGGATGTCAAGGATAGGGATGTGAGTATGGTGGCAGGGGTGGTTTGT
GTTGGCATGGGCGACGCCGCGGCATCTCTCATCGGCCGTCGCTACGGACGGCGGAAGTGG
CCATGGGCCGGCGGCAAGTCACTCGAGGGCTCCCTAGCATTTGCATTTGCAGTGTCGATA
GGGCTCGTTGTGAGTAGAGTCTGGCTTGACGTTGGGTGGGACAGTGGCCAGGCAGGGCAG
AAGACAACGAGCGAGTGGGTACAAGACGCACTGCTCATGGTCGGCAAGGCAGGTCTATGT
GCGGCGGGGGCGAGCCTCAACGAGGCGGTGCTCACAGGCGGAAACGACAATGTGATAGTG
CCAGTCATACTATGGGCTCTTGTGAGGGGTGTCAGGCTGTAGGCAACGGACTCAGCCGCA
TCAGGCGGGATGCAGGTACGCAATAGATAGCCTGGTATACTAAAACACCATGCACATGGC
CATTTGCGCAGGGGAGCATGACTTGCATCTACAGCCTCGAGACAATTACGTCAGAGTTGG
GCGAGACGAAGTAGTGCTGGTGGAGGTCACGTCGGCGGCCAAATGAGGGGCTATGGGTCA
GCGATATGCCCCATACTCTACGCTCTGCAACTTATCCATGGCAGCCACGGACCATGACAA
GCAAATCCGTCGAACCCGATGAGCGTGTCCAGGAGGCTATTGCAAGGAGATTGAACAGAG
TTTGGTCGACGTTGTCCTAGTTGCAGTAGGATAGTTGTAAGGTAGGTTCTGAGGTTCCAA
GCTAGCGGCGAGCACGCGTTATCGGCACGTGCGGCCATAGACGTCCCGCGCGCCTCAGAC
TACCGCCTACTGACCACTACCTACTATCCCGCTGCATGCTTTCGCTCTCCTAATCTCTTA
ACCCTCTCCGCCGCTCTGCTTTCTTGTATCCAATCTCACGTATTCCTCGCTCATCTGCCC
ATCGCGCCCGCATACTCGTTGCCGCCACCGTCGCGTTCACCACCACGACCATCCCTCAGC
GCTATCGATAGCCCGACCACGACGATAGCTCATGTCCAACGCCCTCACGGCCACGCTATA
CCCACATCTTCGCTGGTAGCTGACGACTGGCTACATAGACACCAGCAGCCTCATCCGGGC
CCCGGCTGCTCAGCCAGCGCCGCCTACCATGGCCTCACCCCCAAACCCGCACGCCCCACG
GCGGTCGGGTGCATCGCCGTCGACGTCGTCACCCGCTGCCACAGGCTCGGAGCAGATTAT
CGGCAAGTTCAAGCGCTTGCATCACATTGGCAAAGGCAGCTTCGCCGAAGTCTATCGTGG
CATCCACATTGTACGTTGCTGCCCTCACTCTCAAGCATGCATCGAGTGCTAACTGCGTCC
TTGTACAGGAGAAACGGCAGTCGGTCGCCATCAAGTCGGTCAACATGAACAAGCTGAACA
AGAAGCTCAAAGACAACCTCGTCTCGGAAATCACCATCTTGCGCAGTCTGCACCACCCAC
ACATCGTGTCGCTCATCGACTGCCACGAGACGCCATCGCGCATGCACATTATCATGGAGT
TTTGTGAACTCGGCGACCTGTCAGCCTTCATCAAGAAGCGCTCCGATCTCGTGAACCACC
CGCAAACCCAGCGCATGATAGAAAAGTACCCCAACCCAGCCGTGGGCGGCCTCCACGAGG
TCGTCGTACGCCACTTTGCCAAGCAGATGGCCAGCGCTCTCGAGTTTCTGCGATCCAAGA
ACTACATCCATCGTGATCTGAAGCCCCAGAATCTGCTTCTCAATCCATCGTCCATATTCT
ACTCTCAGAGTGGAACTCTGGAACGCATGCCTCTGGCCGCCAGCGCAAACTCCTTGATAC
CCGCCACTGGCATTGCCTCGTTGCCCATGCTCAAGATTGCTGATTTCGGCTTCGCTAGGA
TTCTGCCAACTACCTCACTGGCCGAAACCCTCTGCGGCTCTCCCCTCTACATGGCACCAG
AGATTCTGCGATATGAAAAGTACGATGCAAAGGCTGATCTGTGGTCCGTGGGAACCGTTC
TCTTCGAAATGATGTGTGCTCGGCCACCATTTAGGGCCAACAACCACGTAGAATTGCTAC

GCAAAATCGAAGAGCGCAAGGATCAGGTCCGATTCCCAGAAGGTCTCGTCAGCAGCAGGG
CCATGAAGACTCTCATTCGCGCACTCCTGAAGCGTAAGCCAACTGAGCGCATGTCTTATG
AACATTTCTTCTCAGACCCGGTCATCCGTGATGAAATTCCAGACATGGTGGACGAAGACC
TTCCTGGCTCCATGCAAGCTTCTGAGCGTATGCAAACCTCTGTACTAGAACCACCAATCG
AGCCACCTAGGCGACTACAGAAAGCGCCTGTTGAAATGGATCCAAGGGCTGCTGATAATC
CATACTCGCCATTGCCCAGAGACAGGACGATAGCCCCTGGCACAACGCCGCCTTCACGGC
CCAGCTCTAGACCCGTTTCCGGTAACTTCTCTAGCACTCCACCGCAACACCTTTCTGCAC
GAAGGGCCAACAATGCCCCGGCCGATCCTAGCGACGAACGTACGTCGACTCGCGAACACC
GCCGACCCACTCTTACCAACGCGGCAACCGCACCAGGACGTACCGCTACACTGCAGGATC
AGACCGCCGCACCCACTACCATCGGCCATAGGCGCAAATATTCTCGCGATGAGCAAGCAT
CGACACCTACCGGCCTCAAGGAGCACTTTGACCGCGAGCGGATCCCACAGAGAGCGGAAG
CCAATGTACTGAAAGAAGCGGCAGAACGAGCTGCACAAGACAACGCGCTTGACGAGGGAT
TTGTATTTGTAGAGAAGCGCCGTGTGGAAATCGACGCACTCGCAGACGAGATTGCCAATA
GCCCGCAAACACAACGAGATCGTCTCGTTCACCGAGAAGTTCCAATGAAGCGACGTTCGA
CAACACAAGGGTCCCCAACATCGATCACTGGCGCAGTCCCTTCCAAGGCCATCCAGATCC
AACAAAAGCCAACCATTACCCACCAACGCACGGCTTCATACAGTCGGAGACAGTATCGTC
CAAGTTTCGAAACCGCTACTTCTGCCTTGTCCAAGGCTATGAACATGGTCAACATTCGAG
GGCTTGGTCTATCACCACCCGTCATGAAGGGCGTATCTCCCCCACAGGGCTATTCTGCAT
TTCCTGCGTATCCAACTGCGCAAAGCAGTATGTTGCTGGTCGGCGATGGAGGCAAAGTGG
TGGGCAAGGACGAAGACACTAGTACGGTTAAAAGGATTGAAGATCTGGCGCAGCTCAGCC
ACGTTGTTTACGGCTTCGCAGAAGTCAAGTACAGCCAGCTCGTCCCAGTTGCACCAAGCG
ACCCGGCTCTAGGTATCGGCTCCACTGGCGTTGCTCGCAAGCCTAGTAGCGATGTAATTG
ACGACGAGGATGACGACGACGATGATCTGACGCCCGATACTGTTCTTATCATCTCTGAGG
AAGCGTTGGTACTTTTTGTGAAAACGTTGGCGATGCTGAACAAGGCCATGGACTTGACCG
GTAGTTACTGGAACCGAACTCGACGTAACAGCGGTCCTGACGGTGCAAGCCGAACTAATG
CAAAACTTGGCCAAGTAGTCTCTTGGATGCGCGACCGATTCAACGAGTGCTGCGTCAAAT
CTGAGATAGTTGCACGCAAACTCAAGCAGGCACAGCAGCAGTTACCAGCAGACCATCCCA
GTCATCCTCAGAATCAGTCAGCGGCATCTGGTTCTACGACTGCGGTTGGTTCTGCCGAGA
ATATTCTGCTTACAACTGGCGTCACGGCCGAAAAGCTGCTATACGATCGATCCCTAGAAA
TGAGCCGCCAGGCAGCCATTGATGAGCTTACTGGACACAATCTGGCCGACTGTGATATTA
ATTACTGGACTGCTATCACAATGCTTCAAGCTGTCTTGGAAGAAGAGGAAGATTCGCCCA
ACGACAAGGCAGATGCTGAGGAAATCAATGGTCTCGATGGTGAAGACCGACGCTCGATCC
AGAAGCGTAAGTGCCGCTACAATGTCTTCCGAGGGATACACAGCTAACTGCTACAGTTCT
CGAACAGATGAGAAGCCGCCAAAGAGCGCTGAAGAAAAAGCTTGATGTACTCAGGGCTCA
AAAGCGCACCTCCATCACCAGTGCGCCCGCACCACACTCCGTCGGTCGCAGCTCGCCTTC
TCAGGGTGTCGCAAAGTAGTTGCGCAGAGCACAGAGTGCTACACGTTTGCACACAACTTT
ACATTTACTGGCGTCTAGGAACAGGATGGTCTGCACGCCACTCTGGTTTGCTTTTATAGG
TTTGATTTAGCTTTCTTTCTGTCTGGTTGGGGACAATGGCGCCTCATGGAGGGCTTCGGC
GTACTCGCATGCATTCGCATATGATACCAGGAACTTGGGTAGCGATGATGTGCAGTTCCA
TTTCACTGTCGGGCGTTGTTTGAATTATATAGCGGGTCTGGGTTCAGGGCGCACGGCTTT
GGCGGCGTTTCATCGTGTCACAGAATGATGTCTTGGGTCGTCTTGAGGAGCAGTTGTTGC
GTTCATCTTAGACCGGCCCATAAGGCAAACGAACACGTATCGAACCCTAAGCAGTATTAT
CGATAGGAGAAGAATGAATATGGATTAATGTATCAAATCTGTCAAGCAAGTTGGTCATTT
GGTTCAATCCCATTACACTTGCATTCCTTCATGTGCGATTAGGTATCAAAGCTAACCAGT
GGGTGGGTCTGTACAATTCCCCCATTTTGAAAGCAATACAGCAACTGCTTCTCGTGCTCA
GCCATCATGTTGATAGTCCCATCACCCGCGATTTCAAGAGATGGAGACACTGATAATCTT
GATATCCTCCTCCGGCTTCTCCTTGTACACCTTGGTGTTCTCGATCTTGTGAATAACGTC
CATACCTGCAATCGCCCTTCCAAANNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
NNNNNNNNNNNNNNNNNNNNNNATTCGCCATGCTCACCGTATAGGGTTTGTCATGTTTCA
AGTTGGAGAACTCGTCTGCAAATTCCTTGCCCCAGATACTCTCCCCGCCTGTACCGTCGC
CAAGTGGGTCACCGGTTTGTATCATGAATTTGCGGATTACGCGGTGGAAGATGACGTTGT
TGTAGTAGTTATTGCGCCCGTGGGTGACGAAATTCTCCACGGCCTTGGGCGCAGCGTCTG
GGAAGAGGCGAATGGTGATGTCACCATAGGTAGTGTGAAGTGTTGCCGTCGTACCCGTCG
CAGCGAGTGTTTTATCATTCTTTTGTTTATTGGCGCCAGCGGCACGAGGTTTCTCGTTCT
GTACGTCACGGGTCGACTTGGTAGCGCTGGCATCGTTGGTGTACATGTAGAAGCGGACCT
TGCCAGAACCTGTAGAGACCAGCATGGCGTCTCTCGCCTCGGCTTCTTGAAGCAGTGGGT
TCTCGCTCGCTGCCATTTCGACCGTGACGACACCCTTTTTCTCTGGTTGACCTTGATAGA
GACACAGCCATAGCGGTCGGATGGATTCTTCTTGGCCGTACAGCTTCACGAGCTTGTTAG
TCAGCGTGTTGATGACTTTGACTCCGTACATGCTGCCATATAGGATGAAATTACTTGTCT
CGTCAAATATGACATTCATGCGACCTCTTGTAGTAGGCTGGTCAAGCTCTCTCTCGATGG
CTATCCGTCGACCAAACTCCATGTCCTCTAGGTGTTGGACAGCGGTGCCGGCCTGTTGCA
TGCTCGTGATGGTTTCAACTGATTCATCGTATGTGCGATAGAGTTTGCCCGTTGCAAAAT
CGAAGACGCGGACCTTTCGATCAGGAAAGGAAAAGGTGGCAAACTGCTTCCCAGAGGGGG
ATATGGTAAGCGACGAGGGCACACATTTTGACTTTTTGAACTCGAACAAGTTGGTGGAGC
TCTTCAGCGACCATACGTTGTCTGGCTTTTCATAATTTCCATTGGGTCTCCAGTACTCGA
CCATACCCCCTTGATCGACGCTTACGACACAGTCGAATTCATTGTTGTATGCCATTATGC

TGACCGACGCCCTGTGCACACTCTTGAGCGTTTGCAGAGGCTCCGGATTCTCCCCCCTGC
CATCGTATATGCGGATCCAACCATTCTCTTCGGAGCTGACGGCGAGTTGAGGAAAGCTTG
CGCCTCGGCCATGCAGCCAGCAAACCGCGCGAGGGGTATACTCGACGGTCAGCATGGCCA
GGAGATCGAAGGTGACGACGTCAAAGATTTTGATCGTCTTGTCGGCGCCTGCAGTGGCAA
AGCTACGGCCGTCGGCGCTCACGTTGACAGACTTGATTTCGCCATTGTGCGCCCTGAACT
CCTTGACAAACTCTATACCGCCAAAGTCCTTCTTCCAAAACTTGACCACGCCGTCGACGG
AGCTCGTTATGAGGAAGTCGGTGTGGGGCGTCAAAGTGGTAAAGCACAGTTGCTCGCGAT
GCATGAGTGATTTGGAGTAACGGGTTGCGCCGGGCAGTGCAGCGACATAGAGCTTTTCGT
ACGGCAGCTTGCGCTTTTTCCTCTTGGGCGCCGAGGAGGGGAGAGCCGGACCGAAGTCAT
CGTCGTCGGAGGAAGTATCGTCTACAGTGGGTGTGAGAAAGTTGGCGCGCGTGAGAGGTG
CGGAATGGCAATACCGTCTTGAACTTGGGCCGCAGCTTCTCTTGCAGAGACGGCGCCGTC
AGCCTCCATTTCGGCACGCGAGCGCTTTGCCTTGCTCGGCGACGGGGGCCCGTTGGCTTG
CATCATGAAAAAGGTGCAGTGTGTTTGTCGTGGACGGATCGGTTGTCATAGGCAGGCTCG
ATGATGCAGGGTCGGAGCTTCCAACGACGCGCCGCGCTCTCTCACTTTCTCGGACCGTCT
CCCGCATTCCGCAACAACACCAGCGATAGCACCAATACCATCGCCATCACCACCGACACT
TCGCCCTCCCACCTTTCACCCGGACCAAGGCTGGAACTCGCCATCACTGACCGCACATAG
CTTTACACCTCCACCTTGATCCCGCACCAAACCCGGCCGCCTTGCCATTACCGCCTCCCG
CACCTGCTGCACCATTACAACTACATTCACAACCACACTCACATCCACCGCACAACCTCA
CCATGAGCGGAAGCGGCGACCAAGAGCGGGAACACGCCCTCGAAGCTTACAAGTCCAAGC
TACTTGAGTCGAGAGAATGGGAGGCCAAGCTCAAGGCGCTGCGACTGGACATCAAGGGCC
TCCAGCACGACTTTGACGTATCAGAAGACAACATCAAGGCGCTGCAGAGCGTCGGCCAGA
TAATAGGAGAGGTGCTGAAGCAGCTAGACGAGGAGCGATGTACGTGGGCATTTGCATCAC
CGAGAGAGACGCCACACTAACCTCCCCGCAGTCATTGTCAAGGCATCGTCAGGGCCCCGT
TACGTCGTCGGATGCCGGTCAAAGGTCGACAAGGCCAAGCTCAAGCAAGGCACCCGCGTG
GCTCTGGATATGACGACTCTTACCATAATGCGCATGCTCCCCCGCGAAGTCGATCCGCTC
GTCTACAACATGTCGCTCGAAGACCCGGGTCAGGTTAGCTTTGGCGGTATCGGTGGTCTC
AATGAGCAGATTAGAGAGCTACGTGAGGTGATTGAGCTGCCGTTGAAGAACCCAGAGCTG
TTCCTGCGAGTAGGCATCAAGCCGCCAAAGGGAGTGCTGCTCTACGGTCCGCCAGGCACT
GGCAAGACACTACTGGCACGTGCTGTGGCGAGCAGTCTCGAGACAAACTTCCTCAAGGTT
GTCAGCTCGGCCATTGTCGACAAATACATTGGAGAGTCGGCGCGTCTGATCCGCGAGATG
TTTGGTTACGCAAAGGAGCACGAGCCCTGCATCATCTTCATGGACGAGATCGATGCGATT
GGTGGACGACGCTTCTCCGAGGGAACTTCAGCAGATCGTGAGATTCAGCGAACTCTCATG
GAGCTGCTAAATCAGCTTGATGGTTTCGACTACCTAGGACAGACCAAGATCATCATGGCA
ACAAACCGACCAGACACGCTCGACCCTGCTCTTCTGCGCGCTGGTCGTCTGGACCGCAAG
CTCGAAATCCCCCTGCCCAACGAAGTAGGACGTCTGGAGATTCTCAAAATCCACTCTGGC
AGCGTAGTGACGGACGGAGAGATTGACTTTGAGAGCATTGTCAAGATGAGCGATGGCATG
AACGGCGCCGATTTACGCAACGTTGTCACAGAAGCGTAAGTATCTTCTTCCCGTGTGACT
ACAGTATGGCTAACCTACCACAGTGGTCTCTTTGCCATCAAGGACTACCGAGACTCGATC
AACCAGGACGACTTCAACAAGGCAGTGCGGAAGATGGCCGAGTCAAAGAAGCTCGAGGGC
AAGCTAGACTACCAGAAGCTGTAGAACCATAGCCTAGACTTGGTTGATAATAATTCAAGA
AAGAGCCATGAGCATCATGTACAATAGCGTCATAGGAAAGAGGCTGACATGGTCACACAT
CTGAAGTTACACTACGAAGTGGTGAATGAATTCACGTCACACTAAACTCACATCTCTGTA
AAAGCCGACCTGCCGCACCGCAGAGGTTGTCGTGGTGCATTTGTTCAGTTACGCTTATGG
TATGTACACTGACGTCATTCTTAGACTTGCCAACGTGAAAAAAGCTTATTGTGTTTGTTG
GGGACAATATGGATTGATGGCGCAGGGAGTAAATGCTTTTCATCTCCATCTATTTGTACA
GCCATAGTTCATAACAATCCACACAACACTCTGCTTCTACTGCAGGTATCTATGTTCCTG
CAGCCACATCTTGACATCCTCCGCATCTCTCTCAAGCCATGCGGCTTTGGCACTGATGGC
GTCGATGCTCTGAGACAGCGCCATATCGAAGCCCTTGGTGCTCTTGCTGCTGAAGAACGC
CTGGATATCTTCAATGTGTTCCCGGTGAGTGAAGCCCGATGTTGTAATGGCAACAACCGA
ACTTAGCATGCTCAAGCTAGGAGGCAGCCTTCTCTCCAGCTCCGACCAGTTGTCCTTGAC
CCACTTCCAAAGCGCGTGACAGCCCTCTGCGTGTGACCTTAAGGCAGCAATGGGCAGGTA
GATGTCTTGGCCCTTGACTTCGTCACTGAGGGCCATGGCGAGCGTGCGCTGGATGAGCTC
TGGCGACTTGGCACGACCGAGCGCGCGAAGAGCCGAGTTGCGTTCGTCACTTGTGGCAGC
GTTTCGTGTCTCGTTGACAATGACGTCGTACTGAGCAAGGTTAGTTCAGATTTCACATAT
CGCAGTTCAACGACTTACTTCTTCTTGCCCACCATTCGCCAACACAATAGCATATACGCT
GCCGCGGATGTTGGGGTGGATGGCAGACTTGTCGCCTGCTTTGAACTTCTCAAACATGTC
GAATGATGCCTTGGTAATCTTCTCGTCTCCGGCGATACCGGCAGCACCGAACATGAGACC
CTTGAATTGTTGCTCGATATGGCCGTCTTTTTCATCAAACGTCCATCCCAGCTCATGTGC
CTTCTCGGCACTGAGCTCTAACTGGAACTTCTTCAGAGCATCCCTGATCTTCTGGTCCTC
GAACATCCATGCGCCCCGGAGGGAACCAATGCGACCAGTAATCTCCCCCCAAACGACGAA
CTCTGCCTCATGTTTGAAGCTGTCCAGGAGCGAGAGAATGCCAGACGTCTTTTGATAGCC
AGACGCGGCCAGCGAGCCAGCATCAGCAATCATACCAGCTCTGTCCTCAACAGTCAAGAG
GCCCTCCTTGGCCGAGACTCCAAGTTTCCTCAATCTCTCTGGCGTGTATGAGGTCCGGTA
AAGACCAGAGTGGTCTGCGTTGAGCTTGAAGAAGTCGAGGTCCTTGAGCTTGAAGTCGGC
TTCGCGATCGAAAAGCGTCAAGTCCTCGTCAACCCCTTCTTTAGTCCGCAGCGCGAGAAA
GACTGGATACAGGGTCTGGTCTTCTTCTGGCTTGACGTCGGCTGTACGGAGGAAGCGGTT
TTGCTTGAGGTGGATAGAGTCGGCGCCCTCGGTCACGGTAACGACTGGGAATCCGACCTT
TTTGGTCCAGATATCCATGACCTTGCCAACGTCTTTGCCACTGGCATCAGCCAAGGCAGC

CCACAGGTCGCCGGTCTCCGTGTTGCCATAGGCGTGCTTCTTAAGGTAGCGGCGAATACC
CTCCATGAAGGTGTCCTCTCCGACATATTTGGAAATCATGCGAATGACACTAGAGCCCTT
GGAGTAGGAGATGGCGTCGAAAATCTGATTGATCTCGTCTGCACGCTTCACAGGCACCTC
AATGGGATGACTGCTGCGTAGAGAGTCGAGCGAGAGTGCGCTAGCCAGGTTGTCCGTAAC
ATAACCTTCCCAGACCTTCCAGTCGGGGTAGAAGACATTGCAGGAGTACCACGACATCCA
GGTTGCGAATCCCTCGTTAAGCCACAAGCCGTCCCAGAAGTCCATGGTTACGAGATTGCC
GAACCATTGATGCGCGAGCTCGTGCTGCACCGTCTCGGCAACGCGCTGCTTGGTAGCAGC
ACCACTGACCTTTTCGTCAATAAGCACATCTACAACGCGGTAGGTGACGAGGCCCCAGTT
TTCCATGGCACCTGCACTAAAGTCGGGAATAGCAACCATGTCCATCTTAGGGAGCGGGAA
GGGACTGTCAAAGGTCTTCTCGTAAAACTCCAGCGTCTTTGCGGCCAGCTCGAGCGAGAA
CCGGCCATGCTCAATGTCTCGGTCCTTTGGAGCATAGACTCGTACAGGGACGCGGAAGTT
GTTCGTCTCGATGTAGTTGAGCTCGCCGACGATGAAGCACAGGAGGTATGTTGACATGAG
GGGCGTCGGATTGAAGGTGACGGCCTTGCGCTTTCCGCCCGAGATGGTGCTGTCGACTTG
CTTCTCCGACGCCACGTCCATGTTGCTGAGACAGGTCATCTTGTCATCGGCGATGAGCGT
GACGGTGAACTTGGCCTTGAGGGCCGGCTCGTCGAAGCAGGGGAACGCCCGCCTGGCATC
CGTGGGCTCCATCTGGCTGGTCGCCATGTATGTGGTCGAGCCGTCGGCGGCCTTGAAGGA
CGAGCGGTAGAAGCCGGCCATGTTGTCGTTGAGGACGCCGGAGAAGGTCATGGTAAGCTT
CGCCTTGCTGCCGCCAGGGATGGTCTGGTCGAAGCTGACTTTGGTCGTCTGCGCATCGTC
GTCGGTGGTGACATTGGGCGATTCGGTGATGACTTGCTGGCCAGCCGTGACCTTGGTCGA
GTGGATCTTGAGCTCGTTGGTGTTGAGGGAAATCGAGGTAGTGTCGTCGACGACGTCTAG
ACTGGCGTGGTGTCAGCGGGCGTCTTGTCGTGCAAGATGCGCATGTGCCTACTCGATGGT
GACGGTGCCTTGGTAGGTAAACTTGGCAAAGTCTGGCTCCAGCGTCAAGTCATAGTGAAT
AGGCTTGACATTGACAGGCAGCACCTCACGGCCCTTGGTGATGTCAATGGACGAGTGGCC
CTCGGCGCCAAAGTGCTTGCACATGTTTCGTCGATGGGAACAGTGCCTCACAGTGACAAA
GGCAGGGTGTCGGGAGGATGGAGGGGAGCGGAGAGATGGTGTCGGCGAGGCAGCGGGGTA
ACGAGGGAGGCGAGTGTTTGACGTGAGCGTGTGCAAGAGGTTCCGACGCGGCTTCAGTCG
ACTGGGACTGCAGCAAGGAGCGGTGACGGGTCTTGACACCAGGAGACGGCCATGATGGGT
GAAGCGGTGCATCTAGCTTCTCGTCTGCTGCAGCGCGACGTGCATACAATACCAAGGGAC
CCAGGTAGAAAGAAGCACGGAAAATGCTCAAGCACACTAACTCAATGGCAGCCCCAAAGG
CACTAGCAACCTTTTGTTTCTATCAGCACGCTGCTTTAGAAGCGCACACAGTGAGACGGG
CAGAGTTCTTCTCCAAGGGCCCTCTTGTTGATGTTGATGTTGCGCACCACATATGGCCTA
GTGGAACGTTCCGCTAGCCGGTATATAAACCTTGCCGACTTGCTCAAAGACTTTTCTATT
CAACACGCAAGAAAGTCCTCCCAGCGTCACCCTCTCCGCAGAGACGCTGTGTGTTCTGGC
AATACAGCCAGTTCTTGCTAGAGAAGACCTAGCCCTCGTTTGAGCCCTTTCGCAATTCCT
GCATGAGTGAAAGGGTATAGAAGTAGGGTCACATGACAATGCTGTGCGTGTTGCTGTCGG
CGTTGGACAGAGCAAGTAGCGCAGTCGCAACTCGTACTCTTAGGTGAATGATGTTCCGAC
GTATATCTCAGCATGACGATAGACAGGCGTGTATAAAGACGTTTGTTTCGGAGTTTTGGA
GAAATGTAGGGCTCCGAGTACGAAGGGCTCCTACTACGAAGAAGCTCTTGTTCTCCATGT
CGTACCCTGGCTATACTAGCATACATGACATTCTACATTGAATGCCCAGGATAGTGCTTA
ATTGCTGATGGTCTGCGGTAACCTCCCTCCTACCACGACTTAGACATGTTGGACGTGAGC
AAAAAAATACCATGCTGATGGGTTACAACAAAACGACAAAAACATACAACAGCGGGGATT
CGCTAGTGGTCACCCACCTAACTACTAATCCGCCGGTACACTGCTTGTATATGGCTGAGC
GGACGGGAAGCCTAATTTTCAGTGTCCTATGGTCGTATGTAGAAGAAAGAAGTTAAAATA
TGTATATAAAGGTGATGCCACGCGATACTATCTGCCCCAACCACGAGCTTTAACGTTTCA
ATAAGAGACCAGAATAACCGGACGGATAAAGCATAAGGCTGTGAGTACTTCTAAAGTTTC
AAATTCTAGAAACCCGAAGGTGGAAGGAGCGACCATTCGAAGGTGGAAGGAGCAGCCAAT
CGCAGCTGCCTTATGTTAGCAACCATAATAGGCAGGCGCTAGTGGAAATTGATGATCCGG
CCAGTGTCTCCCGCACCTACTCCCAGCATCACCACCGCCGACAACGACAACCCATTGATC
CAGTCTCCCTCCTGCTCCGAGCCAGCTTCACATGACCATGTTGGCTCGCTCAGCACTGCG
TACGGCACGCTCCGCCGCTGCCACGGCCCGCAATGCCTCCAGCAAACCGGTACGCCTCCC
GCATGGCCCAAGAAACCCCGACAGCTCGCGCGAGCTTCATCGACACCATCTCTCGCCGGG
CTGTAATACAAGGGCTTGTCCCGCCTCAATTGAATAATCTGGCTGACGGAATGGGTGATA
CAGCGCTTTGCCTCGACATCGAGCTCTGCCGACGGCGCCGCCTCGGCATGGAAGAACAAC
GCCCTCCCCGCAGGCGCCACCATCTTCGCCGTTGGTTCGACTGCCTGGTACTGGCATCTC
TACGGACGCCAGGTTGATGCCATGACCCCAGCCGAAGAAGGGTGAGTGCGCCAAAGATGA
TCCGACCGCAAGTCATGTACTGACGCTATGCTTCTACAGTCTCCACCCAACTCAATACCC
GTGGGAGCACGAGAAGTGGTCCAAGACCTTCGACCATGGAGCGTACGTCCTTCCCGTCCT
ACCGCACATGCGCATCCCCTAATCTGTCACAGTCTCCGCCGTGGCTTCCAGGTCTACCGT
GAGGTCTGCGCCTCCTGCCACTCCATCTCCCGTGTGCCTTACCGCGCCGTCGTCGGAAAG
TTCATGACAGTCGATGAGGCCAAGGCGCTCGCCGAGGAGAACGAGTACGACACAGAGCCC
AACGACCAGGGCGAGATTGAGAAGCGCCCCGGAAAGCTCTCCGACTACATGCCTGCCCCC
TACAAGAACGACGAGGCCGCCCGCGCTGCCAACAACGGTGCTCTACCCCCCGATCTATCG
CTCATGGTCAAGGCCCGCCACGGCGGCTGCAACTACATCTTCAGCTTGTTGACTGGTTAC
CCCGAGGAGCCACCTGCCGGTGCCGTTGTCCAAGAAGGCCTCAACTTCAACCCCTACTTC
CCCGGTACCGGAATTGCCATGGCCCGTGTTCTGTACGACGACTTGGTTGAGTACGATGAT
GGCACCAAGGCTTCGACCTCGCAGATGGCCAAGGACGTGGTTGAGTTCCTCAACTGGACC
GCTGAGCCTGAGATGGACGACCGCAAGAAGATGGGCTGGAAGGTTCTCGCTGTCACCAGT
GTTCTGTTCGCGCTCAGTGTTTGGGTCAAGAGGCAAGTCTCCGCACCTCACCATTACAAC

TCGAAACTAACAATCACGACAGGTACAAGTGGGCACCGCTAAAGACACGGAAGATTGTCT
ACCAGCCACCACAAAACAAGAGCATCCTCGACCAACTCCCCAAGCCAAACAACTCTGGCA
AGACGAACCAATAAACATTGGGTGGTTTTGCATTTGCGCGGTTCAGGAGAGCGGGTAGCG
GAAGCGTGTGTTCTATATCGTGTACATTGCCAGGTACTTCCAACAATCAGATTTCTTTGC
CTCGTGACATACAGTCCCGTGCTCTTCATGTCGCTTGTTTTGGACATGCTTGTCTTTCAG
TCCCCGTAGGATAGTTTTCTTGCAAACCCAGTAGCATCCGCTATCCCACCATGTATATCC
ATAGACCGCAGTTCCACTTCCCCGAAATAGTTAGGCTCGCTGACCTGACTGAAGCACAAC
GATTTGAATAGCTTGATACTCCGGGTGTTGTCTTTGTCAATCTTGACCCTCAAGTAGCTT
AGAGACTTCAGCTTGCCCGTGTCATTTGTTCCTTTTGCGTACTCCTCCAGAATAGCCGGT
AACGATGTGGATATGTACCAGATGAATGCCTGCAGGGCTTCTTTCGCAAGTCCCTTGCCT
CGGGCGCTAGGTCGAGCAATCATAATCTCCAACTCGCCGACCATGTCCACCTTCTCTGTC
CCACAGCCTTCCTGTTGCTCTACGTCATCACCTTCCTCACACGGATAGAGGAACAGGTTC
ACGTCCCCTACCATGCGGTCGGGTGCATCTTCCGTTTCGGGAGAGACCTTGACCATAGTG
GAAAGATCCGATGGTGCTGTTGGCGTGTTCGGTGAGGTGCAGATAATAAAGGTCAATTTA
TCTGCATCCTGACGCCACGACGCTTGCATGGCGTACTCCTCCTGGAGCGTCAGTGGCTCG
GATGCGGTAAGCTTCTGCAACTCCTGCGTCCCAGTCAGTCCTGGGAAATATCCCAACAGT
GCGAAGTATGGTGGGCTCTTGGTATACCTCATCTTGCATCCATTCGTGGTATGTGGGGAC
GTGGTGAGAACTGTACGGAACAAGAAGAAGGCGGGGTGTAAGGATAGCTGAAAAAAGTCA
GCATCACAATATGGAGCGGTACTTTTGCGATATATACCCTGGTGTTCGTTAACCTTCATC
GTGGTGGTGGTCGTCGGGTAATTTTTTCGAATTTTCAATATCCTTCTTCAACCTGACGGC
GATGGAACACCATGAAGATATGATCTAGGCGAAAGACTAAGAAATCTGGTGTTCACACCG
AAACCATACGTGCTCAAGTGTTTCGTTTGTCCGGAGTTCAAATATTTTGTGGTAAATATT
ATGTGTCGTAGTTGGAGGATACCAATTGTGCTGATTTACGCCGCAGTCAAGATCATTTGC
CCGGACACCAACGATGGGACCGGGTTCAGGCGATAACCTGCACAAATTCATACAGTCCAA
CAATCACTACCTAGTTCATTCTTGTTTGGTTCTAGTGCGGAACATGCATAGTTCCTTACT
TGAAATGTCTCGTGGAAGTGCATTTTTGCGCGAGACATCCAGCGGGAAAGCATTGGGCAA
TGCTTGGATGCGACACGCGCCTCGTCATGTCTTACTCTCTCATAGACCCGACGTCACATC
CTACCAACAACAACCGTACGCGGTCGTATGAGTGGATCCGCTGCAGATACTGCAAATACG
AAGCTCTATGCTTCCATGCTGTTAAGACAGATCGACTGGAATGCGCTCAAAGAAAGAAAC
GCGTCCGACGTCAACAACACTAATCTGCACCACACACAGCGTCTCTGAGGATTCCTCAAA
CGTCAAGAAATGGATCCAACCCGCGTTCTGGTGACAGGCGGCTGTGGATTCCTAGGTACT
GCCATCGTCTCCGCACTCTTACGCAGCAAGAGATACTCCATCACGGTCATAGACGTCAAT
CCGCCCTCGCTTGGCAGCGACACCTTCACCAATAGCGTACGCTATGTCCGCTGCAACATC
ATGGACTCATCTTCTCTGTCCAGTGTTTTTTCCGAAGCTCGACCTGCTGTCGTCATTCAC
ACAGTGGGTGTCTTCCCTCTAGGCACGAAGCGATACTCCATGCGGGGCAAAGACGCCATC
TTCAAGATCAACGTCGAGGGAACAAGGAATGTTGTTGAAGCAAGCAGGGAGTGTGGTGCA
AAGGCTTTTGTGTACACGAGTAGTGTGACTGTTGTTCTGGATGAATTGGATCGCGATTTC
AGGAACGTAGATGAACGTTGGCCCACAGGTGGTGTGCACACGAGCTACGGACAGAGCAAG
GTAACTGATTTCCTCTTTTGTTGTGTTTCCCTTGACTGTTCCTTGGAAAGCGCCTGTTCT
CTCTTGAATCACCTTGTTTCATGCCAGTTTTCACACCAGAAGTTCTCAACTATTCATTTC
GCTCACATGAAGTACTGCCTCCTAGCCACCGTAACATCTCTCATTCAAAATCATCTACCC
AAACTTTGGAAAGGAATGGAAAAGAAGAAGCAGAAACTCACTCGTAGTAGGCACTCGCAG
AATCCATTGTTCTTTCCGCAAATACGCACGACTTCGCGACTTGTGCTCTGCGTTCGGCCC
CCATCTTTGGCCGCAATGACACCGTGTGCATCCCCACAATACACTCGTGTATCTCAGCGT
ACCAAACGCCCTTCATCCTAGGCACAGGAACCAACCTGCAAGATTTTGTTTATATAGAAA
ACGTAGCAGACGCACATGTCCTCGCCGTCGGCAATCTGCTAAATTCGCAAACTGCTGCTG
GTGAAGCCATGTTCATTACCAATGGCGAGCCTGTCACAGCGAGGGCCTTGTGTCTAGCAG
TATGGAAGGAATTCGGTCATGTTCCAAGGTTCCACGTTAGAGTTCCGGAAGGGTTGACGT
GGTGTTTGGGTTACTGTGCTGAATGGGTTAGTTGGATGACGGGGACAGAAGGAGTGCTTA
GTCGGGGTATTGTGAGTGACGGATGTCGCGATCGCTATGTCAGTATTTCAAAAGCAAGAT
TGTTGTTGGGTTACAAACCTCGAGTCGGCTTGGAAGAGGGTTTGAGAATCAGCTGTGAGG
TAAGTTGAAGCAAAAACTGCGTAGGTCGAGCGGATGTGAAGAGCAAGGAATGCTAACTTG
GTCTAGCATTACAAGGCGAAGTTGGGAGGAAGGAGGAAGAATTAATCCAAGACACACCGG
GCCATAGTGAGCGTGGTTGTGTCATATGAAATCGACCGTCTGAACCTTTCTCTCTCCGAT
AAGGGATGAGTGATGCAAGAGCTGTTGCATTCACGATTGTTGTAAAAAGAACGTGTTGAG
ATGAATCATCGTATGCCATTGTTCGTCATAGGTTGTATGGTTCGGGAAATCATTTCCCAG
CAAGTTCATTCGAGTTACTATCATACTCGTCTCTACTCATTCAACTACCTAATTCACGAC
CTCTTCGGTCTCATCGATGATCTCCTCTACAATCTCCTCAATCTCTTCCTGGTGCCCATC
ATCCGCCTGACCAGGCGTCTCTCCCTTGAGGGTTGCCAGCTCGAGGTCGGCTCCTTCGTC
GCGCAACCTCTCAGTGACCTCCTCGCGCCATCTGCGCCACTCATCTAGCATCTCGCGACG
AGCTTCCACCACAGCCTTGTTGGCGGAGCTCTTCTTGGCGACGTCTTGCTCATCAAAGAC
CTTGGAGTAGTTGCGCAGGTTCTTGCGAATTTCGGCCTGCTCCTCCTTAGAGAGAAGGGT
CGGGGGGCGTGGGCGCCAGAGGAGCTGCTTGAAGCCTTCGATGGCTTCTTCGCGGAGGAG
TGTACCCTTGAAGTCATAGAGGTGATAACCGTTCTCCATCTAGTGGGTGTTAGCAGAAGC
AAAAGGACGTGACGGTAAAGATACATACGCGATGACGGAAAGCACTGGCAACGGTGGCGA
CGTAGCGGCCGGTAGGGTCCCACTCAATGTCGGTTACACCGTAGTGCTCGGCTGTATCCA
TGAGCTGCAGGTTGGCGTTAACTTCCTTGTCACCCTTCTCAGACTCCTCCTTGGGCCTGT
CGAAGCTCATGTCCCAGAACTCGAGTTCAAAAGACTGCTGAGACTGGAGAGCGGCGACAA

CAACGAATCGTCCCTTGGGTGACCAGTAGATGGCGTTGCTGTTCTTCTTGTCAATGGTTC
GGATGTGACGGAAGTTGCCAGGTGCGCCGCCCTTGAGCTTCTCGGGGGCGAAGAAAGAGA
CGGCAGTCTTGGGACCCACAGCAGCGCCCTGAATGACTTCGCCAGTGGTGATGAGCACGA
AGCGGTTGCCCTTGGGTTCCCAGGCAAAGTTGATAACAGTGTCCTTGATCGAATCGACGA
CTTCAACAGGCACACCCTTTTCGCGGACACGGAAGATCTCCAGGTTGGTGGCGAGGGACT
TCTTGGACTTGGAGTGGCGGTCGACCTTGACACAGACGTAGGCAGCTTCGGATTGCCAGT
GCAGCTTCGCATCAGAGACGTTGAACAGATTTCGCGTGCGCACAATCTCTTTTGAGGGAA
CGGACATGAGACCGACCTTGGCGGGATTGCTACCGAGCTCGGGTGTCCAGTAGCAGAAGA
GCTGCTCGTATGTCTTGATACCTTCTCTCCGGGGTGTTGCTGGAGCCCATTCAAAGTCCA
TGACGCCCTCGATCTTGACCGAGGTCTTGTCGAGAAGGTTCATGCGCGGCAGCTCGTAGA
TGGAGATGGATTGGCCCTGGGTCATACGTGCGACATACTTGTCGTCGGAAGACCACTTGA
ATGTCGGCCACTGCAGCTTCTTCTTGACGGGGTTACCATCGGCGTCGGTGCCACCGGGTA
CATCGATGGTCGCAAAGGAGCGCAGGGGCTTGCCTGTGGCGATGTCCCAGATAATGTAGT
TCTTGCCGTCCTCCTCGAGCGAGAGCGATGGGACCGGGTGGTTCTCGTCGACCTGGAGTG
GGCGGTGGGACCAGGTGGTGAGGTACTTTTCGCTGGGCGAGAAGTCGACGAGATTGACGC
CGGGATGGGCGAATCGCTTCTGCCTGCTCCATGCCTTGCCACCCCACAGCTGGACACCTT
GGGCGTGCATGGAGGTGAGGTAGGTTCCCTGGGGCGACCACTGGATGAAGGACTCGGTCC
AGTTCTCGCGGTCGACAACCTGCTCGGGCTGGTCTTCCTTTTCGTTCCAGAACACGCCAA
CCTTCTCCTGGCGGTACATGGCCATCTGATCGCGGCTGTCGGCGTCGCCTAGCCACCACC
TCAGGTGCTCCTTCTGCTCAAATGGCGGGATCTCGGGTGCGTGGTATTCCTCGTCGATGC
GGCCCTCCTTGCCGTAGCGGTCGATGTCGGTGAGCTTGTTGACAGCCATGGTGTGTTTCT
TGTCGAGCGCAGTTCCGTTCAGCTGCTTGACGGCCGCGACCGCCTCTGCGGGTGCGCTGT
ATTCGACAAAGGCATATCTGTGATGCCGTCAGCCTAGGTCCAGTCTGCCATTGCCCGCGG
CGCCAGATGCAACATACCCTTCCGTCTTGCCTGCCTCGCCGACGGGCATGTGCACGCCGT
CGTCCTTGACCTTGCCCACGCTGTTCAGCTTCCTCAGCACAAACTTGACGAGCTTGGCCT
TGCTGTCCTCGGGGACTATGGGCAATCCATCGATCACGACAAAGGCATCGAGCCCCTCGT
CGAGCCGCACCTGGAACTGGTCTTCGATGTCGGTAAAGTCGATTTGGCTCTCGTCGAATT
CGTCGTCGCCGTCCATGGGCAGGTTCGAGTATGCGGACGCCATGATTGCGGTAGTGAGTG
CGTTCGCAGTTGTGGCGGCGGGGTGCGTGCGGTTATAACTTTCAAAGTAATTTTGGTTTC
GCGCACAGACACGGTAGTGGTAGTGGGGTCGTTAAGGACCGCTATTCCGGCTCACAGCCT
TTGCATCTCACAACGTCGTGACTCTCATGCTCTGCCATTACTCATTACACTATACACACA
GCACGCCAAAAAATATGACTCCAAGGTCGCTGAGTCAACTCTGACTCTCAGAAGAACAAG
CCAATCGCCGTTCACTGCGAACATGGTACAATGCATCAAAGGCCACACATACACGCATTC
CCAACAGCACTGCGCCTCCATCCAACCTGGACTAGATTGCACTCATCTCCTCGTCGCGTC
GATGGCAACGTCTTCAACCCGTTGACGCCCATCGCACAAGTCCACACGCCGCCCAGGGAA
GGTATACGCTAGAAGAACAGAAAACAAATAAGCATCAGCTAGCCCTACGAGCCGCGCTTA
CCTTCACCCAAATCCATGTTCGGGGTTTTGACCAACCTTCCGCTTGCCGAGACTCGCTTT
TGCAGTCGTGCGTCCCGTTCACGCGCCCGTTCTGATGGAGAGCTGCCGTTGCCTGCCATG
ATAGGCGGCAAGGACGGCAGTTTTTCTACGTTGGGTGGGGGCTGACTTCCCACCATAGGT
GCTGGACGTTTGCCCGCACGTTGCTCTGTCTTGAAGTCAAGATAGCTTCGTGCCGAGTGC
CCAAGCGGGATGGGTGCAGGCAGCATCGGTAATTCTGCGCCGTTTTGCAACAGTAGCTCA
GCGACGGGGAAGGCTTTGCGGGTAGGCTGTGCTGTGCCTGGGCGAGTGGCTGAGCCTGGA
GAGCTTGCAGGTGATGCTGTCGCTGAAGGCGATGCTGGGTCGGCGGCTGCAAGCGCGAGA
AATACTGCGTGTGTGCCTCGTGACCGATCGCGCGCATTGGCATTCGCTCGGAGTGCCAGC
GCGTAGAGTACGTTCTGGATGTCGTTTTTCTTAACCGACGCTAACAGCGTCTCCTCTGGA
TTTGCATAGTGTGACATGTTTGGTGTTATGGGTGCCACGAATGCCCGATCAGCATACTTT
GACGTGATGAAGTGCAGCCTTTGCTCTCTTGTCGACATTGGCCCTGGCTTCAGCCCTGGG
TCTAGCCTTGCTTCCCAGATAGCATTGCTGATGCGGTTGCCGACCTTGAGCAGTATCTCG
ATGATATCGGGAGTAAAGGACGTAACGTCCAACGTTAAAGAGCGGACCTTTGTGATGTGC
GTGCCTAGTGACCGATGGATACCACTGCACTCAATACAGATGATGATGCCGAGATTGATG
GAAACCCAATCAACTTTGATCTCAGTACCGCAATCCGCGCACATCTTGTTGCCAGCATCC
GCATCTCGTACTTGCTTGAGCAGCTTGCCTTCGTCGCCAAACGTCTCTTCTCGTCGGTAA
CCGCCAGGCCGATCGCCCACTGTAGCATGTCGCGCGGGTGCCTTGGAGCCGTATGTGTTG
CGATGGCTTGACATTGATGGACTCTTGCCGGTAAGCACTGACGCGATGTCGCGATGTGTT
TGTCCAGGCAGCGAGTCGGTTGATGGCCGGTCGGGCTTTCCTGCTGCCTCAACGGCTGTC
TGCAAAGCATTGTTGACTGCACTGATCCATGACTTCATGTCTTCTTCGTTGGTTGCCTGA
TACACTCGAGTGTATTGTGGGGTGATGACTTCGAAACAAAACCGACGGTCCGCGTTACGC
GCTTCCCTTACCGAAGCCATGCGAAGGTCGATTGGCTCCATATGGAGCTCCAGACTTTGC
TTCCAGTTGGTATACTCTGAGAGTCTGCCCTGATCAAGCACGATCCAGAATCTGGACATT
GTCAGCATCGTTCATTCAGTTTCGACAAAATGTACTCACTTGTGCCAGGCTTGCTTGTTC
AAGCCCTTGGGATCCACATGGCTTCCAGGCCTGCTCAGTGCCCACAAAAGACCTTCTTTG
CGATGTGCGCCTGAACCAGCTTCGGCCATTGCAGCAGGATCCTTTTCTTCAAGGTCTCTG
ATTCCTTTGAACTTGTCCGGCTGTGACGCCACCATGGCTAGAGTCGCTTTGGTAGCCTCA
GGGCTTTGTGGTAATGCTATTGAGGAGGGAATGCTTGTAGATGAGATAGTCTGAGGAGGC
ATGACTGTACTCTGGAACATGGGCACAAGGCTACCCTTGCGGCCAGGAGGCGGCTCTGGG
TCGGATCTTGACATTGTCCGGGGTACGCTACTCGATGATGCCGCGGGAGAAGTGAGCGAA
GGCGCAGGCACATCGTCGAAAGTCTTCTTGATCGTCTCGAGTGCTCGCCTCTTCTCCTCT
CTTTCGGTCCTCTGAATCTGAAACTCCTTGTCTGCTTCTTTCACCTCGCAACTCAGGGCC

TCTAGATGTGGCAACATGGTCTCGATCTTCTTTGCAGTCTCTAGGTAGCGCTTGGCCTGG
GCATCGGCATATCGCGTGAGATGGGAGAGGACTTCTTGATCTTTCCGGCCCCCGTGCAGA
TCCTGCATAAAGGACGAGTAGTCGAAGCGCTTCAGTTCGAAGTTCCGCCTCTTTGCTTGG
TATTTGGAATCGGTCTCTGCGCGTTTCTTCTCTTTCAGTGAGTCCTGTCGTTGCCCAAGG
TATCTTCCCAGATACTGGTAGTAGTCCTTGCTCTCCTCCTCAAAGTCTTTCCGCTTTGTC
TCGGCCTGCTTGATGTCGATGTTGTAAAGCTTGTATATGGGATCAATAATGAGTTTTTGA
ATGTTGGTGGTGTTTGACTTTTCGTATCCCAGGATCTCCTTGGCAATCTTGTCGAAGTAG
TGATCAATAGCCGGCTGCACTGCGTTTGCATTGGACGACGAGGCTTCTCTGAGTGCGTCC
ATGAGGTCGGCCATGGCATTGTTGCATGCCACTTGAGCTTCCATGGCTGACTCGGCGCGT
TTGAGAACCTTCTTCCATCTTGTGCGCATGTTGCCCGTCTTCTGTTCGAGCGACTTCATC
GTGGCGCGGAATAGCGGCCCATCGTCGGTCTGACTGAGATCCTCGCCCGGACGCGACACG
TCGAGCTTCACCGGCGCACTCCCGCTTGACAGAGTGGTCGTCTGGCTTGGTATGAGGCCC
AGGCTATGCTCGGGAATGGGCTCACAGATTGGCGATCTCGGGGGTATGTTGTCCCACTCG
CGGTCTTCGCCCGCGGAGTCGCTCACTCGTGACTCTATCGATTGTGCCGAGGGCACGCGC
AGTCGGGGAGGGACGCCAAGTTCAAGGCGCGGTGAAGGCGACTTTGGGCTCTGCAGCTGG
CGCGCCGTGTCTGGAGTGGTCAGCGGGCATGTTGGGGATGGAACGGGGGTGAGGATACGG
ACTCTGGACCCAGAATGTAAAGCTCGCCAGCGTCTCGAGCCGGTGTGCGCGCTGGTCATA
CTCGACAAACTAGAGGATATCAGCAGGCGCGGCTACAGAGAGGGGATGGTATACACACAC
TGCAGCTTGTGCGCCAGCCCCCACCACGCGACTCTGGGGTGCGGGGCGGCGTCCATTTCC
ACGACCACTGGAACTGAACCGACGAATGGCCGCCGGTGGAGTAGTCGCCGACCAGCTCGA
CCTGAGGGTTCTTGTGGAGGTTGGGGTTGGCGTGGAACTCGCGCGTGACGAGGTTGTCCA
GGTCCTTTGAGCTCGGGGCGAAGATAAAGGTCAAGCCATTGATGTTGGTGTCGACCAGGC
CGGTGGGGGCGACGTGGGAGGCGGTGCTGGCGCTGTAGCTGGTGGGAACTGCGAGGTGCT
GGCGCAGGATGAAGGTGAAGTTGAAGGTCAGTTCCTCGTCGTTGGGCAGGCGCAGGAGGA
AGGCTGGGGGGCCGTCCTGGTGGTGGGCTGGCTCGGGGTCCTGGATGTACTCGACGACGC
TGTCGTCGCCAAAGTCGCGCCTGGCAGCATAGCGGGTGGCGGGGAAGGCATTGGGCGAGA
TGTTGAGAAGCGTGCGGTTGCGGGCATTGGTGATGTTGAGCGAGGCCACCGAGACTGGGG
GGTCGTGTTAGCAGAGCGCGGCCGAGGCAATGGTCGAGGGGGACAAGGGACAGGCGCAAG
TCGAAGCTTACATCGAGTCTGGTCGCGCAGATAGAGGTCGCCTGCATCGCTGGACTTGCT
GTGAACTGCACCCATGCCCGCTAGCAGCAGCCCGTCGAGGACGAGGTCTCGGGCGACGAC
GAGGAGAGGGGCCGACGGGTCGTGTGCAGCGAGGGCGGGTTCTGCATGGATGACGGGCGC
GGGCAGACGAGACTACGGGTATACGATATGGGGTGGATATGGGGTAGATATGTCGGGTAG
GATACAACGTTACAGAAGCGTAGTGCAGTAGACAAAGCAGCCCATGCCGCCTAGGTAAAC
GTTCCCGTCCCTGCATTTGGGCCCCGCTTCTTTAGTGCATTCCGTCCCCATTGCAAAAGC
CGCATGTACCACCGCCGCCTCAAAACTTGTCCACAGTACATCCAACATGCCGTTGCGCAT
CCCCACGCTGCGCCATGCTCTGCGCCAGCCCCTCGTCAACCCCCGCGCTACCCAACGCCG
CTTTGCCCGCGTCCAGGATGTGCGCTTTCTCGTCACACACGACTCCCAGGAGCGCATCCT
CGCCAAGTACAAGGAGAAGCTCGAGCACAAGGCGCGCGAAAAGGGCCTCAAGGACCTCGA
CGAGCTCAAGGAGCAGTACAAGGACAAGATCGAGGAGCTGAGGAAGCAGGCCATTGTGCC
CGGCGCAACCGGTCCATTGACGCCGCCACCAGAAACAACCACAACCACAGCTACAACCCC
ACAATCCCAACACCAACAGCAACCAAAGAGCCCTTGGCCGTCGCCTCCTCCGCCGCCCTC
TGCTTCAGGCTCTCCCTCCGCGCCCCCGCCAGGCGTCAAGACGCTCAATTCCTTCCTCGA
CCTCGACAAAGTCAAGACTCTCCCCGAGAAAGAAGTCCAGGCCCTGTGGCGCCTACGGCA
CGCTGCCAATCCACAGAGCGTCCATTTCGCTGTTCCGGCCACGACCTTTGCCCAACTCCT
CCGCAGCGCAAAGCAACACCCCTCCTTCGTGCTCCCCGTCCCCCGCGAGATACCCGCCGA
TGCCTCGTCCGCGTCACCGGAACAGCCCCAGACGCAGCAGGCTGCCGAGCTACACTATCT
ACAGTTCTCCCACCCGCACCTTGACACCACCACGCTGATGTTCACAACGCTGGCAGAATT
CAAGCTGAGAGGCGAGTTCGCGAGTCCGCACACCACCATCACATTCCACCAGGAGCTCGC
CGAGAGCCACAACCTGGTTCTGGGCCAGGGCCTGGTCATCGAGAACAGAGGCGTGAGCGT
TGACGAGGCCAGATGGCTCGTCATGTGCATGCAGAAGTTCTACGTGCAGACGGAAGAGGG
CAAGGGACGCAGCGAACTGCTCAACATGTTCACTCGTGGAGACAGCGCATTTCAGGTAGA
GCGACTGATTGATGAGGCCGAGAAGATATTGTAATTCTACATGCCGCCCATCTACCCTCG
GAGCGGGAGCACATGCTGCACTAGACACGTCTGCCTGCAGAGTGGACATTCGGGCTTTTC
CCGCGCCCAGTCCCCTATACACGTCCAACAGAAGACATGCCCACACGTCGTCACACTCGG
ATCCTTCATCTCTTCCAGGCAAAGCGTGCATTTCCGATTGCCACCACCAATCCATCCCAT
TGTCTCCTCGTTCTCCAGCTCATATCTTGCTTTTTCCAACGCAGGTGTGTGTGTCCACTT
TTGTACGTCCGATGGCGCCGCTGTAGGGAGGGCAGATGCCGCGTCGAACAGCAACGCGTT
GTTGGCGCTGTAGGCATTGGGGTCCAGGGAGACTTCCGCACCGCCACCTACAATGGCTGA
CGTGCCTTGCGGATGGCCACCACCCACCGCCGCCGTCGACGATGTGACAGTATTGTGTAA
ATGTAGATATGCCTGTACCGCCATTTGTAACACTAGTAGCACACCCAGGACTTCGTAGCC
AGCGCGGTTATCGCCCTCGGGCACCTGTCGCGTGAAGATGTATCTTAGGCCCCATATGCG
CTTCGAGAGGTGGTAGTAACTCCCGGAAAAGTAGAATGTCGCCAGAGAGAGGGCGTAGAC
GGGCGACGGCGACGTGATGGTATCGAGGTTTTCGAGTATGTAGTTCTGCAGGCGCATACC
AAGAGGCCGTCCTATCCGTGCTTTGCTCCCATTCTCCTGTGCCTCTTGCTGTGCTCGTGC
TTGCTGTCGCGCGTACCATCGCAGATTCGCCTCGAGTTTTGCGCGCACTCTTCGTCTAAA
GGCTGGCAATGCTCTTCCAAGCAGATATGGCCCCAATATGCAGCTTAGTATGTATCCCGC
TCTCCGTCCCAGAGCCGGCAGTCGTCCGCTTTCGCTCTCCACCTGAACAATATCTGTGTA
TTCTTCGCCTAGTGTCCGGTTTCCTATCAGTGTGGTGAGACCGAGATAGAGTAGCTCTCC

GAGGACTCGCGTCTCGGATGCGTACGTGTGCGCGATGCGCGCGCCATAGAGCTTGCGCAA
GAGTGTCGATAGCTGGTCCAGCAGCACACCAGAGAAGTAGGCGTCTTTCTGGTGTGACCG
GATGATGTCAGGGGAAGCGGCGAAGGGGTAGGCGTAGCGTGTTGGAGAGGCCATGTTCAT
GTCTATGTTGTTGCAGCGTGCTGAAGAGGCCGTGTTCATGTGTCACTTCACTACCGGTAG
TTCAGAATGCCTCGGTTCCGCGCAAAGCGATGCGCGCCCCCTTGCTCGTCCTGCAAAAGC
ATCTACACCCTGACGACACGAAACCGCATCTGACTCGAACTGTGCCAACGTGTCATTTCT
GCCTTCTCATAACTTCTATCCATATATACTCTTGACGCCTTGCGACGCGTTTGCAGCGCG
ATATCGCATCCTTCATACATACTCTCCATCCCAATATAGCAATGACGCTTATTCCTGCCT
GTCATCATGGTTAAAAAGTACCACGCTGTGACTCGAGGCAAAAGGCCTGGCTTGTACAAC
TCCTTTGAAGAGGCACAGCAGCAAGTCATCGGCTTTCCAGGCTCCAAGGTCAAGACGTTC
CCTAACCTGAAGTTCGCCGTAGAGCATATGCTCGACGTCGGCCGTGTACCAGATGACGAC
ATACGAGTATTCAATCGCGCCTTTATAAAGCAGGGCAGCTTCATACCGCAGCCGTCTAAT
TCGTTTAAGCAATAATTTGGCCTATTTGCAAGCTCCCAAGGGCTCAACCGGAAAAGAAAG
AATGAAGCCTGTGTCGATGCGATTCGCGACGAGATTATATATCATTACCTTCCCGAAGGC
CTCCATTATCGGCAAGTGAACCATCCCAGGGGCCAAATTCGCCTGGATGATGGCCAAAAG
TTACTCATATACCAAAGAGTGTGTGAACAGACAGGGAAGAGGGCACACAGCCTCATCCAA
GAGTGTATAGACGAACTAAAAGATCCACCGTACGTCAACATTCTAGATTTCGTTGATGTG
TTCCGTACGGGAGAAACAATCAGAACCTTCTCGGATCCACTCATCTTCCGCGACTACACA
AGGGAAAACCCAATTTATCTAAAATACGCAAAGAAGAGCGAATTCTTATGCCCTTTTCTG
CAGGATTTGCAGGAATTGCGACGACTACCGTCTAAACCACGCCGAGACCGTCAGGTCAAT
GGTTCGCGGCAAGAATCTAGGGCGCGGAAAGATTCAGCTTTGCTTCTATCACCTCGTCCT
GGGAACAAGTTCGTCAAACCAGAAATGTCCAACGACTCACACATGGTTCCTCCCGTCGGC
AATTACCAATCCAGTCTTGATCACCCTCCATTGAGCCCACCACTATCGGAGTCTGGCTCA
GAAAAACCCTCTACCAACGTCAAAATTGAGCCTACTTCTTCTGTAATGCCGGCTCAAGTG
CTAGACGATATTGGTGCATCTCTCGAAGACGACAAAGAGATAGCCACTCAACTCTTACAG
CAGCCTTCAAAAGCGGAAGTCGGACAGGATATACCAGAGGATATGTTCCAAGACGATGAG
GAAATTTCCACTCAACTCTCACAACAGCCCTCAAAAGCGGAAGTCGGAGAGGATATATCG
GAGGATATGTTGGAGTATATGATCCAAGACGATAAGGAAATTTCCACTCAGTTGACGCAG
GAATGGCACATTACAGGCCCGGAAGAAAGTTCACGCACTAAGACAACTGGCAAAAGAAAG
CAGAGCCTGGCTTCTGATTTGACCCACACAGTCAAGCGTGCAGGCAAGATGCTTAAGACA
CACAGGTGAAGCTCTGTTCCAGCCATGTCATCGTGTCGATCGCAACCAAACGACCTTGCA
ACGAACATAACAGACGCAGGCGTCGTCCGCGAATATTACTTTCTCGAGAACTTTCACCTG
TATTATTAATCTTGTCATCAATTTTATTTCTGTATACAACATGTACACTGAGACCCAGTG
AAGATATGATGATCACGCATGTAGAATAAATCATTCGGAGATTCTTCTGTACACATGTTC
CACGGGTATGTCTGCTAGGATGTGATTACAATGGCATGGATCATCGACGCACGACTGGGT
CACCATGACGTTCACTTTCAAAAGCTAAAAAACAAATAAGAAGAGAAGACGGGTGATTGT
AAGAGACAATATGAAAAGTGATTTGAAGATCAATTCTGTCAACGATAGCATATGTCCGCG
AAGAGCATTGATACATCTGCATTGAACACAGACATAGAGCATTTGCGACGATAGGGGTTT
ACAGCGGAGTGAACTGTGAGTCCTTCATGCTTGCCATGAAAACTGAAAAGATCGATGTTC
TCGTCGCCGCACTAAGACGTCGCGGTGGAGATGGAAGTGGAGTTTCAATCGCAGCTCACA
CTATCTCAACTTTACTTTTTTGTTTTTGCCTCCAAGTCGCTCGTTGTATTCAGCGACCAA
ATCCGCCGCACCCTCAAGATCTTCTTCGGGAAGCCAATCGTGACTATCTTCATATCCATC
CCATTTGACGAGGTAGTACTTCTTCCTATCCTCCTGAAAGTGATTAACGATGGCTTCAAC
CACGTACTCTTCTGCGCCCTCTGCATCTTCCTCGTCTTTCGTGCTATACTCAAGTGAATG
GCTGTCTGACGACACTGTGTGCATGTGTATAGTATCGTTGTCCACGTCGTCATTGGATTC
GTGATGCGGCGGCGGATGTGCAGGTATAGTGTCATCTGAGTTAGACACTGTAGTCGACGA
CTGATCAAAGAGAAGCGGTGTGTGTAGAAGCATGTCGTCTGAGGTGTTGGACAGAGGCTT
TGCATCGCGGCTAGCCCGGGCTAGGCCCACGTCCTTATTCGGATCCGAAAGCCCTGTATG
TCCCTGCTGAGGAAGAGAAGTAGAAAGTCTCGTTGGTATTGATGATACAGGCAGGGCGCT
GTTGGCAACAAAGGCTGAACGGGCCACACCGGAAGATGTCTGAATTGGCTGTCTAGTGTA
GTCGGTTAGGCAATGAGTCTCGCTGTCCACCAACTCTTCATGTGTCTCATCCTCAAGCTG
CCGAGAATCGAATACCAGATCTCTCGTTCTTCTCCTACCTCTTCCGCGACTTCTTCTGAG
CCTACCTCTAGCTCTTGTGGGCAAAATGACAGGAAGTTCCAGCCCACTGAGCATACGACT
TCCTCTGTTGTTGCTTGGTAGCTTTGTATTCTTATGCAGTTGTCGACGTGCTAGATCCTC
AGCTTCTGTGCGTATCGCGACTGCCTCGGCCTCTGCCTCGAGTCTGAACTGCTCTGTTTC
ATAGCGCTCCAGTTCGGCCGGAGACACGTACTGCATGATACGTGTAAAGTCCACATCCTC
AACCTCCGTGCGATCAATGCTATCATGTCTGTTTTCAGGTTGGCTGATGTGTGTTATCTC
TACAGCGTATCGCTCTCGCTTTATAGCATCCTCGGTCTGCCGACGGTAGAGTATTCGTGT
TCGCGCATTCGGTATGGGGCAGTCGTCAGGAAGCCGTGCGGTAACGATTGCAGGCTCCTT
GCGAACGCGCCATAGCTGTTCGTAGACTTCAGCGCCAGGTGTGTATGATTCCCACTCCCA
CTGCGATACAACTTAGCGATGTTTCCCGCGACTTGGCTGTATCGTACTATCTGTGTCTTG
CCTCTACCCAGTCCTTTGCCGCGTCGGAAGCCGCGACCACCCCTGGGTTCTCTATCCAAC
ATGCCCCCTTTTTTGTAAATGCGTAGAGCAGTAAGTACCGACGGTTAGGTACTGTGCAAA
TGCGAAGGTTGCCACATGTATAGGTGTCCGTCATAACGAGCGTTGCGCAGTGGGCATGGG
GCGCGTATTGCGTCGCGAAACCGCGGCCAGTTGTTTCCCTCCGTTCAACGGGGCTTATGT
CAGCCAAACTTGGAGTGCAACCCGTATAACCCGCCACTCGAGCAATACTTCCATCTCTAC
TACACGCTCAATGTAATGAATTGAAAGGCAATTGAGCAGGGACGGAACATCGTTGGATGG
TAACCTTAATGTAGTGTACGTCGCCTCACAAACGCTCTCGCATGAGTCTGCGTTACCTCG

CGAATCTCTCTCATCCTTGAGCACTCCCACCTCGTACTTGAACCCAAAAGCAGACAACTT
TGACTCTCTTACCTTCTACTCCACTTCAGTTTTATTTCTGCTCTACTCTCATTTGCTCTA
CGTCTATTGATCCTTTTACCTTTACATCCTAATGCTTCGTGAGGGACAACCTGAGCGACC
ATTGGGGGCTCAAGATGAGGAGCGACATTGCATTAGCAATTCGCCGTTCGTGCTAACAGC
TTGGTAGAAGCTCAGGCAGCAGCAGATGCCTAGGCGAAGGCAGATGCTTGGGTGAAGGTA
GGTGCTCATGCGACAGCTGAGGCGCCTCCCATGATTCCAGTCCCCCTTTCGTTTAGCAAG
TCCTTTGGTAAGTCGTTTGTCATTCCAGCGTACCATCTGGCACAGATATCAGTGGCTAAG
TCAGCCCTGGCGATGACCAAGCATTGTTCATGGGCAAAACTTAGACACTAGTGAGTTTAG
AGTGATCAGTCAGCAACCCTCAGCAGCACTAACGGCCACGGCCTCAGGACATATTAAGAA
CAACTGAAGCGTCGTCTGTAAATCCTTACGGCGCTCAAAATGTCTAATCCCATGCTTGGT
TGCCAGATTGCTCCGCAGTATCACCACGGATATGACTCCAGCTCGTCCAGCGAGTCAGAC
ATTGGAGAGCATGTGCTCACAACAACCGACTCCGCTCGCGTACAGCAGCAGGCCGCCCCC
TTCGAGCGCGAGACGAACCACGCCATCAACTCTGCTTTAGTAAGGCCGACGGTACTACAG
CGTGACCGCACGAAGAGCAGCCGCCGAATCGAATTCGATCAGAAGCCTGTTGGATTCTTC
CACTCGTCCATGGCTGGTGTCAGACTACACGTCATCAAACTCTGGCTCCGCACCAACCTG
ATCCTCGCCGTCGCCATCATGATTTTCTTGTGTCTCTTTTGGGGTGCTTTGTTCCGTCAG
AAGGCGAATGTTACAAACCTGAGCGTCTGGGTTGTCGACTTCGACGGTCAACCGCCTTAT
ACAGAAATCACACCTTTCGTCGGTCCATTCGTTACTCAGGCCATTCGCAACATCGTTGAT
GACGGTGGTGTGGTGCCGGGTTATACTTTTGCTCCACCCGGGGACTTTGACAACGATCCA
CTCAAAGTACGAGACAGTGTTTACGACTTCCACGCCTGGGCAGCCGTCGTGATCAACCCC
AATGCAACAGCAATGCTCGAGGCTGCAGTGAGACAGGGCAACACGAGTTACGATCCGTTG
GGCGCTTGCCAGATCACTTATAACTCTGCGCGTGATCAGACTACGTTCTCGACTTATATC
GTACCCAGTATGAACACGCTCCAAAAGCGTGTCGTGACTGATTTCGGTCGCGCGTGGATC
GCACATCTCCTCGAGAACAACGTTTCAGTTATCGACATGCACGTCGACGTTTCGCCCCAA
GCTCTTACCCCGGGCATCGAATTCACAGTCTATGATCTGCGTCCCTTTGGACCACCTATC
GCGACACCCGCGGTCAGTATAGGCCTGATCTACTTAAGTTAGTGATTTCCTCGTAAAAAC
AACACTCGAAACATACGCTGACTCAATCGACGATATCTAGTCATCATCTCCTTTTTCAGC
TTTACGTTCTTTCTACCCATTCATCTAAAGTACCTCACACCTAGAGGTCATCCACCGCTG
CACTTCTACCAGCTCATCGTGTGGCGCTACGTTGCAACTGTCGCATCTTACTTTCTGCTT
TCACTCGTCTATTCTTTCGTCAGCCTCGCCTTTCTCATGCCTATGGACCGGCCCAAAGCA
GCCCACGATCAACCTGCCGATAATCCCAACGCATACGGCAGCGGCACCTTCTTGGTATAT
TGGATGGGCAACTGGATCGGTATGATCGCGTTTGGTTTGGCCAGCGAGAATATGGCTATG
CTTCTGGGAACTCCTTGGACAGCCTTGTGGTTGATTTTCTGGGTTATCAGCAATGTAGCA
ACTGGCTTCTACGCCCTTGAGCTAGCTCCAGGCTTTTATCGCTGGGGTTATGGATGGCCT
ATGCACAACGTCGTAGAGCTCACACGATCCATCTTGTTCGATCTACATCCGCGCGTCGGC
TTAAATTTTGGCATTCTATTCGCTTGGGTTATGGCAGATACTGTCCTTTTCCCACTCTGC
TGCTATTATATGAGATGGAATACAGCGCGAGTCAAGAAGAATTCAGCCAAGGTTGAGGCG
GACTGGCATGCAAAAATGACCAAGGAGAGAGAACAGCCTGGTTTGCTAGCAAGGGTCACT
ACTTTAGGTGACAAGAAGGGCTGATAGTTCAAGCACGGTTTCCAGAGCAATAAGTAAGCA
AGGCATAACTTTCTCGAACGTGGCACACAAGTCTTTCCACGATGACAAAGGTTGAGAATC
TCACTGATCTGTAGATCGTATGAAGCACATGTGTTAGTTTCGGCAGGAAGGGGCGTTTCT
GTGAATAACATCACCTTGTAGAAATAGGAAGAAGAAAGACAGCAGCAGATTCAGAGCCTA
GGTGGAAAGGAACAGAAGAAAAGAGTAAAGAGCGGAAAGTCTAAAAAGAACTTAACTAGA
TCTACCATCACTATACTTTTGCCTTCCAGTCCCAGCCCACCAGAGATACCCTGGTAGCCA
GTAGTAGACAGCCTCCAACGATGAACGACATACCCGCCCAGACATTTGCGTACGTATAAC
TACCGTTGTGACTTTGGATGAGGGCGCCAGCTAGCGGTGGCCCTGTGAAACTTGACACGC
TCACGACGGTAAAAGCCATTCCCATCCTCACACCTGACTTTTTCAGGTCCTTCTCACGGC
TCATACTGCCGATCACGGCCGGCCAAAGTGCCTGTATAACGGCGCTTCCACTTCCGTATA
TGACAGCAAATACGTACAAGGTAGCTATGGACTTGATCCCAATCCATGCGAACATCATGA
CACCACAGATGAAAGCGAAAGGTATAAGAACGTTGAGGCCCCCAATCTTATCAGCATAAT
ACGTAGGTAATAGGCGAAAGACAAACCCCATGCAAACCTGCACGAGAAGCAGGTTGATAC
TCTGCTGGTAACTGGCGCCAAGGACATTCCGCGCGTAACTCCCAATGTAGAAGAAAGCGA
AATATAAGCCCCAGAAACTGAAAAAGGCGCCAGCGCAGTACAGTGCATAGGGTAATTCCT
TGAAGCTTGCCCAATCCACTAGCGGGCCAGTCTTCCTAGGTGGGAGCCGTGTACGATACA
AGGCAATGGTAATGGCGTTCATGAGCAGCATAATGAAGCCAATGATACGTATAGTCCACG
GGAAGCCTAAGCTAGGCAAGCATTGTTGCACAATAACTGGGAAGATGACACCGCCAGTGC
AGGATCCGAGCGCTGTGAAGCCGAGCGCAAAGGCACGACGCTTGACAAAGTAGGTAGATA
CCAGGGCCATCGAAGGGCAAAACTGCAGCCCGTTTGCAATGCCTAGACACACGCCCTGGG
AGAGAAAGACGTGCCACACGCTTTTGCTCTCGGCCAACGTGAAGATGCCAAGTATCTGGA
AGCATGCGCCAGCGATATAAACTGGGCGGAAGAGACCAGCATCCGTAGCACGGCCTGTAA
AAGTACCAAGGAAGAAAAGCAGGAAGACCTGGAGGGAACCAATCCATGATATCGTCGAAG
GCGAGATTCCGAGTGTGTTTTCGTAGTACGTTTGGTATACGCCGAATGATGTAAAGAAAC
CAAAGGTGGTTAAAATTGTCAGGTGGGTGCAGAGGACCTGGATCCAAGCTGTGAGGCCAC
CGTCAGGAGCTGGACCGGGATCAAGCGATGCTGCCGAGCGGCGCGAGAGCATGCGTGTAA
GAGCAGGTTGATGTGACTTAACCTGCGGATTTTGCGCTGCTTGATTTTCGGCTCCGACGT
CCAATGTGGCTTCTTGTATCTCGACGTCGTGCGCGCTCGGCCATGTCTGTAGGTTGCGCT
GCACATCATCTACAGTCTTTGTGGTGGGATGGTCTTCCCGGTCTGCATGCTTTTCTGCGT
CGACACTTCGGTCCGTCATTGTAACTTGCTATTCGTGATTACAAGCAAGCATAAAGAACG

AGACAGGTTCGAAGCGGCATTGCACGTCGCGATGGGCAGAGATTGCAAAGGGTGACGGTT
GATTTTGTTGAGCACGTCACGGAAATAAGGAAACAGCACATCATTGCCCCATGCAGCGAA
TTGCGAGACTACCGCTAAACTACCTAGGTACAAAGACGAAGTGGCTGACTTGATTTTCCA
ACAATGGGAAGCCGTAGCGACCACGCCACAACAGTCCTTCGCCTATGATATCTCGTACAG
CCTTATGGGCCCTTGATGAGAAGTACATTGTTCGAGGTGCAGCGAAACATAAATGGGAAT
CGGAATTTAGGTTTCGACACGGGACAGGATTTGAGAACGACAAGATCAACACCGACAGAC
CAGTTTCCATACGACGTCTTGAAAACCTATTCCTGGCTTTCGAGAGCTATTCCATCTACT
TCGGTTTGCTTGAATTATCCTCTCAGGGTTTGCTGACGCGCAAGTTGATGTCTGGTGTCA
CAACAACTTGCGTTTGTCCGATTATGCTTGTGTGTACTTTAATGAAGGACCTTTGTATGT
TCATCTATGACGGACTTGCCACTACCGCTATTTCAAGTGACCAACCAGGCTATACGACAC
AGCTCACGGTATGGCTGAGCAAAACTGTATGTGTGTATCGTTTATCTCAATTCACGGCCA
TTGTAGCAACTAAGACGCATGACTGATATATCACACAGCCCGGAAGCGCGCTCGCGTCGA
TGGCACACCACCTCCTGCTGGGCTTTATCCTGATCATCAAGGTCGTCCTGGCATTCCAAA
CGACGCCTCGTCAGAATTGCTTGGACCTCCTCCAGCATACAGCCCTGCGCCTGATTATCG
GTCTACGGCACCTTCGACTCCTCTTGTCCGGCCTTTCCATCGAACTGAACCTTCACAAGC
ATCTGCTGCTGGCTCACCTACAGGTCTCCAAGATCATGGATACCAGAATCCAATCAAAGC
ATATTCACGGAGACCGCCAGAAAATTCTCCTCCTGATCATCATCGGCCGCGATCATCCCA
TCAGGATGCACAAATACCTCGTAGGCTTCGACCTCACCAAAGTCCTGTAATACCACCTCA
GCAACAGTCTGCCCCTCCATCTGGGCCTCAGGAAAGACCAGCTCCAAGCTTGGACGATAA
TAATGTTGGGTGCAGTCGAATGGAAAGGTCAACAGGTTGCATCAACTCAAGCAGACTCAC
CAACTGCACAGGCTGCGTCAACTCCAGTCGGCTCGATGACTGTACTGATTGCGTCAATTC
TAGTCGTTGTACTAACTCTACGGATTTGGTGGACTGCTCGAGATGCAATGATTGTCGGTC
ATGTGTTGGTTGCTCTAACTGTAGTGGTCTTGTCGACGAAATCGGAGTTCGTAACAAACA
CGCCTGATCCTGAGATACTCCGCATTCCCGCGATCTTTGTTCGAAGAATTCCAAAACGAT
AGACAGCGGGCCTAATGGCGTCATCTAGATGCGCCACCAAAGGAATATCTGTTATACCTT
CGAGCCACAATGTGTAATTAGTTCAGGCGCTAGGGCCTAAACAATCTTAACAAGTTTCCA
ATCGGTAAATCATATATCAGGTTGATGTTGAAGGGCGCCTTATCGGTACCAATGGCCTTT
CAAGCTTATCATACCTATGCATGTCAGAAATGACGTCGTGGCTGCATGCCCTTCCCGTCA
CGTCCCCTCACCTATAAACTGGGGAACAAGTTATGCATATCCATACGTCTTTTCCTCCTA
AAGCTACTTCGTAGTCTTATTGAACTCTTATTCTCTCATTGTAAGCCCAGAAAGTACGTT
CAACATGGGTTGTGGTGAATCGTCACTCCGCGCAGTACCTTCCTCGGGCTCTGGCGACGG
TAATCATAATAACACCAACTGTACTGGCTGCAAGGACTGTAAGTTTGTAGCATGCTTCGA
AAAACTTCAAGTCTAACTCCACATCAACGATTGTAGGCCGAAACTGTACAGATTGCAAAG
GTACGCCCTCAGCAATGGCGTTTCCATAATTCCATGATCCCACGCCCCATACGCCGCACG
TTATGGCGTGATCAACCTACTCTTGCCCTCATGATCAGTACATCTTGGGATTTGAGTGCG
GCTTATCTACTCAGACTGCTCATATTGTAAGAACTGTATCGATTGTAGCAAGGACACGTC
GTGCCACAATTGTATCGGTTGCAAAAGTATGGGCTTTTCCATGCCACCTTCTTGGAAATC
ATCTGTCTCTTCGGTCACCTTGACCAATTCCTGCTATCAAACACCTCCTACAACCGCGGA
CTAATTTGCGTACAGACTGTACTGGGTGTCGTAATTGTACGCGCTGTAAAGACTCTACAT
ACTGTCAGAATTGCACGGATTGCGAAAGTAGCAGTTACTGCCAGAATTGCACCGGCTGCG
ATAATTGTGAGGGATGTCGCAATTGTACTGACTGTACCGACTGCATAAAGTACGTAGCAT
CATATGCGCCTGCTCAGTGAGACCAGGGATTGGAATGGCGCAGAGAAGGCTGACAGTTAT
AGTTGTACTAACTGTACTGATTGTACCGGACTGAAGAACGCACACAACCAAACAGGTGTG
CATAAATGATTGGGATCGATGATAGAAGTTTGAAACAAATGGCTGTGATTTGTAGTGTGT
TATGTGCGTGACAGATAGTTTTCATGTTTTCCAATCAGAAAATGCGATGCAATCGATACT
TGGGTTCAAGCAGCTCACACGTTTAATTCTCATTCCCGTGTTGCCCTTGTCAGTATAGGG
ACTCATCGTATTCAGCAAAGATATACGAGGTATGGCTCTGACTAAGAATGGTTGTCTTCA
AGGGACTACGGCCGACTAATTGTTCCATATTATACGTCCACATTGTGAAGTTGCCCGAAC
ATACAACGTTGTGCCTCGCTCAGTGTATTACATTGTTCCCACATACTGCGACTCTGGTTG
GAATTAAAATACTTCGTCTGGCGTCTTCCTCTCTGAGCCTGGAGATTCTGTTGTCACCGA
TCACGTTGGAACATGAAATTACTGAAGGGTTTGATAGGGAAGGATCATCGACAAAAAATG
CCTGGAGCGTTAGACGACGACCTTGTGCCACGTCTGGTGCCAAAACCCGATCAGCGCAAG
AAAAAGGATAGAGTGATTCCAAAGCCGCTGGCCTGGTATATACCTATCGAGATATTCCCT
GAACCAGAACTTCCCAATATCATCCTTTGGCCACCGAAACCACCAGAAAGTGGACCCAAA
GTAGAAGATATCTTGTTCGAACGTTCAGGGTCCGTTTTCATCTTGCGCAGGCCATGAGCC
GATGTCCGCTTCAAAGTACATCGCGCCTAGGCGACGGGTAAGTTCATCTGCCCGAGCAAC
ATGGAAAAAGCAAACAATTCGAGGATGTTGCAGAAGCTTTTGGAAAGAAAAAGGTCACAG
CAAACCCTAAATGCCAGGACGTTGATCTGCAGCATGCGTCTCGATTATACCATAGCATCT
ACATAGTCGGAATGTATAACTGACTAGTGACTTAAATGAAAGCTTGAGGCTTTCTGATTA
CCCTTTTCGAGAGGCGTCAGACTGAATTAAACTTCCACTAACTTCGATATCAATTCTAAT
CATCGGAAGCTCCGCTGTTATAGGACTCGTCTTACTCAGCTTTCCTATTTCACTAAAAGA
TCTCATCTGTTCCAGATAGCCTAGTGTAATGGAATACAAAATTTCCTCTTGACGCGTAGT
GTCCCCATGTTGTTGCTGCTTGTTAGCTCTGCATGCTTTAGGTACTAGTTGCCTTGATGG
ACCTTCGTCGAAAAGCATATATTTCCTGCAACAATCCCGTCCAGTCAGCCATACGAGAGT
GCTAAGAATCAAGGGAATCATACCGCATACGCAATCACGTCGTCAAGCCGCTCTGGCTCT
GGCCAATTGCTAGTCATCCTTGAAAGTTGCTTCCATATCATCAGACTGTTCCCTTCTCGC
TCGCATTATCAGGACTATACGTAATTGGGATTATGCGTGCATACATAGTCTCCGCTGTAT
AATCATGTTAGAAGTCACCACCGAGATCGAACGCCCAGAAGTCAGGGAATGACCAGCCAC

TCATATCGACCTGCATATCCTGCAGCACATCAAAGGTCCCGTTCATGTCTTTAGCACCAT
CGGCAAGATTAAGGTTCATGTCAAGCCTGTCTAGCGAGGTGGGAGCCGCACTTTCGGCAT
TACCAATCGTAGATCCCGTTTCTCTTGTGGTACTCATAGTAGAGCGAAGAGAAGAGGCTA
AACTGTTAGTGGGGTCTTGCTGTAGAGCTAGCACCCTGAAAGCCAACGTTGTGAATAAGT
CCAGAGTTTTTCGGCATCTCGATAGTATGTCATCGCTTGCGTTGTTGATGTATGCTATGG
AAGTGGCAGGCGAAGGAGGAGGGGGCAGCATGCCTACTGCAGCAGACATACTATACGGAT
AGAGCAAAAAAAGATTAGCAAATGTCTCATATGAATGCTCTGCGATGGTACGTACAGCCA
GCACTCCATATATCCCGTACCAAGTCGAAAGACTTTGACTTCGAAGATCTGTCTCGTACG
TTCCAGGATATCGATTGAAGATGTGCACAGTGTTCTTGCAAGAAAGGGATCTTGTGGCAA
TATCGCGAGGTCCAAATCCATTCGTGAGTCTGGGCCAACTGAACGATTTGGAAGAGTAAG
ATCCGCAAAATGTGTATGATGGTCTACATCCTGAGTCTCAGTCTCTGCTGTATAGGACGT
GAACGATTTGATCTTTCGACGAGCACAATTGTGGTATACGATTTGAGAAAGTGCCAGACC
GACCCTGATCACATCGTTCCGGAAGTTGTGAAGTGCCAGGATACCTCTCGATATCAGGCA
ATCGTGCATTGCCAATAACGAGCTGCAGGTATCCACGCACGTCGTGAAAGAATGCAGATA
GCGATCGTTTGTGTGAGCCAGTTTTGCGTACGGCTTATGTAGCAACAAAAGATACTGACG
CAGTTGCAAACGAAGAAGCGTAGAAGGCACAAGCGCGCTATCGTCATTCCAAACGGGGAG
GATCGCCAATGCAGAACGGATCTGCGCATCGTAGTGCAGTACGTCGGTGTAACGGAGGAC
ACTAGAAGGTGTATTCAGCAGCTGCGTGAGATGAATACGAAGTGGAAGTGATTTTAGAGT
CATTGCAAGGTATGATGCTGACGTGAAGTATTCAGTGGGCTGACCTAACGGCACGTGTTG
TGTGTCTGGTGAGAAAGCTTCATCGGCAAGATTCGCAGGCGCAGGAGTGTCGAAGTACAG
TCCGGTAAGTCCAGATTGAAACCCGCTCTCGATGGAAGATTGGAGCTCCATTTCCATGAC
AGTGACCCACAGTCGCTTCTTCATTTGCTCATCGAAAGGTGAGATTTTTCCATGCCCGAC
CAGACACGGATCACGATGCATACCGGATGTAATGGAGAGTCGAAGTAAGTCTCCCGATGC
TATCCAGTCTTGCTTCAGTCGGACACAATTGACACGCTTAGCAAGCAGCGACAAGCAATG
TAATTGGAAGAAAGACAAAGTAACCCGCTTGCGGGGCTGCTCGCCGATCCAGGCATCACA
TATATCGATGAGTTCAAGGGCTGCTTGCCGGTCTGCAGTCGTGTCGCCAATGAAGACGTC
ATCTTTTGGGGCGAGACACTTTGAGATGGCAACAAGCAAGAGAAGTAAGACGGCAAAGCT
GACTGAGCTCTTTTTGTCTTGATCTGATTCCCAGAATATGCGGTACTCTTTCCAGAAAGA
TGGCTCGTGTAGAATCCTGTAGCTCGTTTCCCAGGTCTGAAAATAGAGAGCGACTTGTGC
ATCGACCGTACTCTTCGCAGGGAGGACAGCGAAGACTTCCAGGTCGATGTCGGAATATCT
GGCGATCTTGGCCTTTGCGGACTTTTTCCTCTGGTCGCGGAAGGTTTTGAAGTCAGTTTT
GACGCGCATAATAGAGTGGTCAACAGTCAAGGCTTCCCGTGTAAATGCCTGCAGCTCGTA
ATTCTTGATGATGGTCAGCCGCTGGTACACGGACATCAGGGTCTGGGCATGTGAAATATA
CCATAGAGATCATGCTCATAATACTCGTTGCGCCGTTGAAGTGAGATTTGAAACCTTTGC
CTCTGAACATGATTTCTTCTTTGATCTCGGGCTCATCAGGGACAACGGCCTCGAATCGCG
AGGGGTTTCTGGTGTCGTCCCTTGTGGCAAGCTTGTGCTCCAACATCGCTATCCGTCTCT
CTTGGGTTCTGAGCTTCCATTGCAATGCATCTGGCGAGTCCGAGGAAGGGTTGCTATCAG
CTGGCCGCTCGGCGAGGGCAATCGATGCAGCGCCCGCGTCAGAGTGGGACTCTTCAAGCA
GCCGAGGATCGTATGTACACTCGTGGCCTCTGCCAGTCTTTTGGCATCGGCCACACACTG
GAAACACGCGATCACACTTCATTTTGCGGTTGCGACACGCGTAGCACGACAACACTTTGC
GCTTTTTGCTGGTGCGTCGCTGAGACGAGCCATCCTGACCTTCTGTGGAGTTGAGAACTT
CTGGAGAATTATCGCGAGACCTATCGCTGATCCACTCGGCACCCGGAGCGGACATGGTGA
ATGATGGATGGTAACTATGACGTGCGATGATGGGCGTGGCAGGTGCTGTCGGTGGATCAA
TGATCCCAACGCATTGTCTCATGAATCAGACGCCCCGCAAAAATGTCCCGAGAACTCCTG
AGCCTATCACAGAACTAGCGCAGAGCTATAGCTT
>ATNCTG00647|contig:VBI.454.1:ATNCTG00647|1:244188:1|Alternaria
alternata_atcc11680
AATAGCGTTAAACAGAAAGCTCTATTTTAGATCCTCTTATATAACCTTAAGCAAAAGGCT
TATATAAACGTTAATCTAGTAATACTTCTTTATATAGTTAACAATATGTTTGTTGCTATT
AACAACTTTAACTTAGTCTATTGTACGCGCGTTGTAACAGCGCTTACAAAGCTAGTACTA
CTTTATTATCTTATCTATATCTTTGTATGTAAGGTGTACTCTATAACACTATATTAGGGA
TACTAAACGTCTGCTAAAGAGTTAGCTTTTGCTTTTTACTACGTATAATAAACTTTGTTT
ATTTAAGCGTATCTTACTCTTATATACGCAGCTAAAATTAACTATAAACGTAGGCTTGTT
GTTGTTAAAACTTAGCTTAGAAACCTGTAAGGATACACCTAGCAGCGTAGAGGTTACTAG
AGGTAATTAAGATAGTAATTCTAATAATACTATATAACAAAAGGCAGCATAGTAGAATAT
AAGATAGTTTAACGCAGAAGAGTCGCCTAACAGCGTTAAAAGAGTACCCTGTACCTAGCT
TCTAAGTTAAGATATATTTAATTAATAATACTAATAATATAAAGCTTAGGAAGAAGCCTA
TATATTAACAAGCTTATTATCCTAGCTACCTCTTAGCCACCGCAATACTTAGTTACTAAA
ACGAAACTTCCTACAATACCTACAATACCTACAAGGTTTTAAGTTTTGTTTATAAGCTAA
TACACCCTGTACAGCTATTGCGAGGTGTATCTAGCTCTTTATAGTGTTGTTGTTGCTTCT
ATTACGCAATATCTTAATAATAAGCAATAAGAAGCTGCTAAATAAGCTACAGGCAACCTA
CAACACTATAGAAAGCTAGATACACCTCGCGATAGCTGTACTGCTTTATTAAGGACCTGT
TGTACGCTAAGGGCAAGGTTATATACCGCGTAAACTAGCTATATCCTATTATACAACCTA
TAAGGACCTCCGCAGCGCAGGTATATATACACGCTGTTGTAAATAGAGACTTTGCTGTCT
CCGTTAACTACACCTACAATAGCGTAGTGCAGTTACTAATAGGGACTTGTCCCGGCTTTA
ATAAGCCTCTCTTAGGTGTAGTTAGAACTACTATAGGAGAGTCTTTTTTGTTTAGATTAG
GTTACAACCCTCTCTTTTTGCTTCTTTTTAGATACAGGTACGCCTACAGCAATTGCAACA
CTAAGAAATTAGCTGTATAGGACTTCTACGCTGTTTTTTCGGCCTTACGGCGATCCTTAG

CCAAAATCCGATAACTCCAGGCCGTACGCCGTACTACGGCTCCCAAAACTTCACCCCCTA
CAGATACTGTACGGACCAATAAGAGGTCTCCTACGTACGGCTTACGTACGTCGTATCACC
GTACAGTACCTCACCGTACTACTGTACGATGGGAACGCTGGCGCCTAAGATTAGACAAGA
TATGCCAAAGACGCTCCAGTCGTATAGCGTGATGCCATCGTTCTTCATTGGCGTCCGTCA
AGTACGCTTCACTAGGGCTATGTTCCATTTTTTGAATGTGCATCTGCAAGGACACTTCAT
CGTATTACACTGCTGAGGGATTGATTCTCACTATGAAGACTAGCTATGTCAACAGGACCA
TACCCGTCTTCGTCCCTTCTGTCTCAGCCCCCTACCTTCCAAAGTTCATTACGATTCCGT
TAACCAAAAGTCGAGTTCAGCGGTCCAAACTTGATGTTACTATAGACAACCGTAGCATCA
GCGTGTTGGCTCTCGACATCTGCTGGTACGCCGCTTGATGTCTCGCACTCTCCCCTGCCA
GTACCTAGATCGGTGTCTGGGTTCTTGTCTGTGGGATACGTCGAGTCAAGCCAGAGCATG
TTGCTGTAATGGTCGTCCCACAGACTCATCACAAGGACCATGCCGTTGGCAAGAGCCTTT
GCCATGTTCGCCATACCGCCTTTGTCTTTGAATGTGTATGTGTCTCCGAAAACGGCCTTC
TGCTGGTCGCAGAACTTAGTTGTGATAGAGTTGCCCTCTACGCCAGGGACGGCAGATGCA
GGCTGCGCAATAGTTTTGCCGTTTTGGACATAGAAGCGCTTGATCTCCATGGCGTCGCCA
GTGCCGATGAATTGTGTGACCACGGTGAATTTCTTTGACGTGTCCACAGTCTTGCCCTTG
CCATAGAAATCTTTGACACCCATGCGATAGCTGTTGAAGTCGCAGCCGTCCGGATCGCAT
ACACCAGCGTAACGGTCGGCAGAATACGTACCGCCGCAACCGTCTCCGTCGCAACGAGAT
TGTTCGATTGTGGAACATGAGTGTGGGGTAACTGCCGTGCTGACAGAGTTCGCTTCCCAG
ATATCCATCTCTGCGCAGCACGAACCGTGGCCTCCAACACCTGCATTTGCATCGTTGGAA
GATGGCTTCCAGCCCTCAACATTACCCTGCGTATGTCTGAGCATCCGAAGCAAAACGCTA
GGACCGATTGGGACTTACCTCGCCATTGATGAACTTCAGATCCCGTGGACACTGGGCATC
GCAATACCCTGTGCCATACTTGGCGCCGGCTTTGTTAGTCGAGTATTTCTTCAATCCGCC
GTCTGCATCCATGGAAACGAAGTACAAGGCACCATTGAAGCCACATGGCAGGTTCGACAC
ATCAACGTCGAAAGTAAACTCTTGGTTTCCTGTAAACTTGAACATCTGTTCAAACTTGGT
TTAGCCTATGATCGCATGTACGAATGACTCGCTTACCTCATAAGTAGTGTCGTCCTTCAT
CAGGTATGTTCGAGAACCGATGTTCGTCGAATAAGAGCCCTTGGTGATGAACTTCAACTT
CAAAGAGTTACTGCCAGCGGTAATGCCATATGTGCCACTGTAATCGGCACCGTCGACGGC
ACAGTTAGCAGCACATGCTTTGTTGTCTGGACAGGCCGTCGCATCCCATTCATTGCCTGT
ATAGCAGTTATCGTAACTAGTCTTCCGTCAGCAACGAAGTTTGCGCCAGTTATCATCGAA
CATTACCCTTCTTTCTTGTGGAGCCATCGCCAATTAGCATCGATGACAATCTTGCCATTC
TTGTTTGTGCAGCTACCCTTCGCAGTGCAAGACTGCCATGTCATCCCGGGATGGGTTTCT
GTTTGCTGCGTACCAACGAGCTGCCCATGGCCCACTTGGAGTAGAGCGGCGGCAAGGACG
AAGTACTGATACATGATGGAGAGTACAGGCTTTGGAATTTCTGTGTCGTGGTGCGCTGGG
TTCACAGAATATGCATACAAACTGTGGAACGCACAGTGTCAGTCGTCTTTTAAGTCCTGT
TGCCCGGTTGATTCCATTCGCACTTTGTTGTATATGCTGTATATTTTGACTTTGAATTGA
TGAAATGCTAACTAGCAGATGACACGCGTTGTATGCAGCGATTGGTGGTTCGGTGGTTTG
TCCACCAGCTAGTAATGTAGCGCCATTCACCATCGTTTAGAGACAAATCTACATTGATGT
CAGGGAATATCTTACCACGGCTGCAGGCAGCACAAGTGGATTGGAAACACCACTTGCTGT
TACACCGACCCTTACGGATCCACAGAACAATCTCGGTGTAATATAACTGGAGGGGTAAGC
CACGGAATCTCGCTGTGAGAGCTGGTAATATTGATCCGACGGAGGGTGCGATGCCACCCC
ATCGGTTGCCCGTCCGGCTAAGCATACGAAGCACATCGAAGCTCAATGCCATGCGCTGGG
CGCCTAGTAATTCGGAACTGACACGACGAAACCAAGCCGATGGCAGATTCAGAGTGACTA
TAACGCATCGTAGAGCGAATGCCGTGTTATATGTCTGAACCCTTGATGGGTCGTGATGTC
GCCGCCCAGCAGTGGGTCGCTGCGTGGACGACGAAGTGATTATGGAAAATGCTGTCTATT
GGAAATCGGTAATACGTGTGATATTGAGGGAATTTTAACGACGCAACGGTCCTTCCGGCG
AGTAGATGAGAAGACGGCCACGAGACTGGTGGTGAGAGACGACTGGGATTCCCCGCTTTC
GACTCGGAGAAATCTCTATGCACGGGGCAGAACCGAACTGCCGGCGAATCAGAGTACGGG
CGCATCAATGATGGCGGTGCTGCACCATGACTGGATGGGTGAATGGTACGTCGAGCCAAA
GTGCAAGAATGTGGTTGGTGTTCATAGATGGCACTGCGAACTGGATTTCGCGCCCCTGTG
CTCAACTCCCGAAATTAAGTCCGACACCAAAGGTTATGTAATCAACTGTGATTAGTCAAG
AAGCTATAGCTCTGCGCTAGTTCTGTGATAGGCTCAGGAGTTCTCGGGACATTTTTGCGG
GGCGTCTGATTCATGAGACAATGCGTTGGGATCATTGATCCACCGACAGCACCTGCCACG
CCCATCATCGCACGTCATAGTTACCATCCATCATTCACCATGTCCGCTCCGGGTGCCGAG
TGGATCAGCGATAGGTCTCGCGATAATTCTCCAGAAGTTCTCAACTCCACAGAAGGTCAG
GATGGCTCGTCTCAGCGACGCACCAGCAAAAAGCGCAAAGTGTTGTCGTGCTACGCGTGT
CGCAACCGCAAAATGAAGTGTGATCGCGTGTTTCCAGTGTGTGGCCGATGCCAAAAGACT
GGCAGAGGCCACGAGTGTACATACGATCCTCGGCTGCTTGAAGAGTCCCACTCTGACGCG
GGCGCTGCATCGATTGCCCTCGCCGAGCGGCCAGCTGATAGCAACCCTTCCTCGGACTCG
CCAGATGCATTGCAATGGAAGCTCAGAACCCAAGAGAGACGGATAGCGATGTTGGAGCAC
AAGCTTGCCACAAGGGACGACACCAGAAACCCCTCGCGATTCGAGGCCGTTGTCCCTGAT
GAGCCCGAGATCAAAGAAGAAATCATGTTCAGAGGCAAAGGTTTCAAATCTCACTTCAAC
GGCGCAACGAGTATTATGAGCATGATCTCTATGGTATATTTCACATGCCCAGACCCTGAT
GTCCGTGTACCAGCGGCTGACCATCATCAAGAATTACGAGCTGCAGGCATTTACACGGGA
AGCCTTGACTGTTGACCACTCTATTATGCGCGTCAAAACTGACTTCAAAACCTTCCGCGA
CCAGAGGAAAAAGTCCGCAAAGGCCAAGATCGCCAGATATTCCGACATCGACCTGGAAGT
CTTCGCTGTCCTCCCTGCGAAGAGTACGGTCGATGCACAAGTCGCTCTCTATTTTCAGAC
CTGGGAAACGAGCTACAGGATTCTACACGAGCCATCTTTCTGGAAAGAGTACCGCATATT
CTGGGAATCAGATCAAGACAAAAAGAGCTCAGTCAGCTTTGCCGTCTTACTTCTCTTGCT

TGTTGCCATCTCAAAGTGTCTCGCCCCAAAAGATGACGTCTTCATTGGCGACACGACTGC
AGACCGGCAAGCAGCCCTTGAACTCATCGATATATGTGATGCCTGGATCGGCGAGCAGCC
CCGCAAGCGGGTTACTTTGTCTTTCTTCCAATTACATTGCTTGTCGCTGCTTGCTAAGCG
TGTCAATTGTGTCCGACTGAAGCAAGACTGGATAGCATCGGGAGACTTACTTCGACTCTC
CATTACATCCGGTATGCATCGTGATCCGTGTCTGGTCGGGCATGGGAAAATCTCACCTTT
CGATGAGCAAATGAAGAAGCGACTGTGGGTCACTGTCATGGAAATGGAGCTCCAATCTTC
CATCGAGAGCGGGTTTCAATCTGGACTTACCGGACTGTACTTCGACACTCCTGCGCCTGC
GAATCTTGCCGATGAAGCTTTCTCACCAGACACACAACACGTGCCGTTAGGTCAGCCCAC
TGAATACTTCACGTCAGCATCATACCTTGCAATGACTCTAAAATCACTTCCACTTCGTAT
TCATCTCACGCAGCTGCTGAATACACCTTCTAGTGTCCTCCGTTACACCGACGTACTGCA
CTACGATGCGCAGATCCGTTCTGCATTGGCGATCCTCCCCGTTTGGAATGACGATAGCGC
GCTTGTGCCTTCTACGCTTCTTCGTTTGCAACTGCGTCAGTATCTTTTGTTGCTACATAA
GCCGTACGCAAAACTGGCTCACACAAACGATCGCTATCTGCATTCTTTCACGACGTGCGT
GGATACCTGCAGCTCGTTATTGGCAATGCACGATTGCCTGATATCGAGAGGTATCCTGGC
ACTTCACAACTTCCGGAACGATGTGATCAGGGTCGGTCTGGCACTTTCTCAAATCGTATA
CCACAATTGTGCTCGTCGAAAGATCAAATCGTTCACGTCCTATACAGCAGAGACTGAGAC
TCAGGATGTAGACCATCATACACATTTTGCGGATCTTACTCTTCCAAATCGTTCAGTTGG
CCCAGACTCACGAATGGATTTGGACCTCGCGATATTGCCACAAGATCCCTTTCTTGCAAG
AACACTGTGCACATCTTCAATCGATATCCTGGAACGTACGAGACAGATCTTCGAAGTCAA
AGTCTTTCGACTTGGTACGGGATATATGGAGTGCTGGCTGTACGTACCATCGCAGAGCAT
TCATATGAGACATTTGCTAATCTTTTTTTGCTCTATCCGTATAGTATGTCTGCTGCAGTA
GGCATGCTGCCCCCTCCTCCTTCGCCTGCCACTTCCATAGCATACATCAACAACGCAAGC
GATGACATACTATCGAGATGCCGAAAAACTCTGGACTTATTCACAACGTTGGCTTTCAGG
GTGCTAGCTCTACAGCAAGACCCCACTAACAGTTTAGCCTCTTCTCTTCGCTCTACTATG
AGTACCACAAGAGAAACGGGATCTACGATTGGGAATGCCGAAAGTGCGGCTCCCACCTCG
CTAGACAGGCTTGACATGAACCTTAATCTTGCCGATGGTGCTAAAGATATGAACGGGACC
TTTGATGTGCTGCAGGATATGCAGGTCGATATGAGTGGCTGGTCATTCCCTGACTTCTGG
GCGTTCGATCTCGGTGGTGACTTCTAACATGATTATACAGCGGAGACTATGTATGCACGC
ATAATCCCAATTACGTATAGTCCTGATAATGCGAGCGAGAAGGGAACAGTCTGATGATAT
GGAAGCAACTTTCAAGGATGACTAGCAATTGGCCAGAGCCAGAGCGGCTTGACGACGTGA
TTGCGTATGCGGTATGATTCCCTTGATTCTTAGCACTCTCGTATGGCTGACTGGACGGGA
TTGTTGCAGGAAATATATGCTTTTCGACGAAGGTCCATCAAGGCAACTAGTACCTAAAGC
ATGCAGAGCTAACAAGCAGCAACAACATGGGGACACTACGCGTCAAGAGGAAATTTTGTA
TTCCATTACACTAGGCTATCTGGAACAGATGAGATCTTTCAGTGAAATAGGAAAGCTGAG
TAAGACGAGTCCTATAACAGCGGAGCTTCCGATGATTAGAATTGATATCGAAGTTAGTGG
AAGTTTAATTCAGTCTGACGCCTCTCGAAAAGGGTAACCAGAAAGCCTCAAGCTTTCATT
TAAGTCACTAGTCAGTTATACATTCCGACTATGTAGATGCTATGGTATAATCGAGACGCA
TGCTGCAGATCAACGTCCTGGCATTTAGGGTTTGCTGTGACCTTTTTCTTTCCAAAAGCT
TCTGCAACATCCTCGAATTGTTTGCTTTTTCCATGTTGCTCGGGCAGATGAACTTACCCG
TCGCCTAGGCGCGATGTACTTTGAAGCGGACATCGGCTCATGGCCTGCGCAAGATGAAAA
CGGACCCTGAACGTTCGAACAAGATATCTTCTACTTTGGGTCCACTTTCTGGTGGTTTCG
GTGGCCAAAGGATGATATTGGGAAGTTCTGGTTCAGGGAATATCTCGATAGGTATATACC
AGGCCAGCGGCTTTGGAATCACTCTATCCTTTTTCTTGCGCTGATCGGGTTTTGGCACCA
GACGTGGCACAAGGTCGTCGTCTAACGCTCCAGGCATTTTTTGTCGATGATCCTTCCCTA
TCAAACCCTTCAGTAATTTCATGTTCCAACGTGATCGGTGACAACAGAATCTCCAGGCTC
AGAGAGGAAGACGCCAGACGAAGTATTTTAATTCCAACCAGAGTCGCAGTATGTGGGAAC
AATGTAATACACTGAGCGAGGCACAACGTTGTATGTTCGGGCAACTTCACAATGTGGACG
TATAATATGGAACAATTAGTCGGCCGTAGTCCCTTGAAGACAACCATTCTTAGTCAGAGC
CATACCTCGTATATCTTTGCTGAATACGATGAGTCCCTATACTGACAAGGGCAACACGGG
AATGAGAATTAAACGTGTGAGCTGCTTGAACCCAAGTATCGATTGCATCGCATTTTCTGA
TTGGAAAACATGAAAACTATCTGTCACGCACATAACACACTACAAATCACAGCCATTTGT
TTCAAACTTCTATCATCGATCCCAATCATTTATGCACACCTGTTTGGTTGTGTGCGTTCT
TCAGTCCGGTACAATCAGTACAGTTAGTACAACTATAACTGTCAGCCTTCTCTGCGCCAT
TCCAATCCCTGGTCTCACTGAGCAGGCGCATATGATGCTACGTACTTTATGCAGTCGGTA
CAGTCAGTACAATTGCGACATCCCTCACAATTATCGCAGCCGGTGCAATTCTGGCAGTAA
CTGCTACTTTCGCAATCCGTGCAATTCTGACAGTATGTAGAGTCTTTACAGCGCGTACAA
TTACGACACCCAGTACAGTCTGTACGCAAATTAGTCCGCGGTTGTAGGAGGTGTTTGATA
GCAGGAATTGGTCAAGGTGACCGAAGAGACAGATGATTTCCAAGAAGGTGGCATGGAAAA
GCCCATACTTTTGCAACCGATACAATTGTGGCACGACGTGTCCTTGCTACAATCGATACA
GTTCTTACAATATGAGCAGTCTGAGTAGATAAGCCGCACTCAAATCCCAAGATGTACTGA
TCATGAGGGCAAGAGTAGGTTGATCACGCCATAACGTGCGGCGTATGGGGCGTGGGATCA
TGGAATTATGGAAACGCCATTGCTGAGGGCGTACCTTTGCAATCTGTACAGTTTCGGCCT
ACGATCGTTGATGTGGAGTTAGACTTGAAGTTTTTCGAAGCATGCTACAAACTTACAGTC
CTTGCAGCCAGTACAGTTGGTGTTATTATGATTACCGTCGCCAGAGCCCGAGGAAGGTAC
TGCGCGGAGTGACGATTCACCACAACCCATGTTGAACGTACTTTCTGGGCTTACAATGAG
AGAATAAGAGTTCAATAAGACTACGAAGTAGCTTTAGGAGGAAAAGACGTATGGATATGC
ATAACTTGTTCCCCAGTTTATAGGTGAGGGGACGTGACGGGAAGGGCATGCAGCCACGAC
GTCATTTCTGACATGCATAGGTATGATAAGCTTGAAAGGCCATTGGTACCGATAAGGCGC

CCTTCAACATCAACCTGATATATGATTTACCGATTGGAAACTTGTTAAGATTGTTTAGGC
CCTAGCGCCTGAACTAATTACACATTGTGGCTCGAAGGTATAACAGATATTCCTTTGGTG
GCGCATCTAGATGACGCCATTAGGCCCGCTGTCTATCGTTTTGGAATTCTTCGAACAAAG
ATCGCGGGAATGCGGAGTATCTCAGGATCAGGCGTGTTTGTTACGAACTCCGATTTCGTC
GACAAGACCACTACAGTTAGAGCAACCAACACATGACCGACAATCATTGCATCTCGAGCA
GTCCACCAAATCCGTAGAGTTAGTACAACGACTAGAATTGACGCAATCAGTACAGTCATC
GAGCCGACTGGAGTTGACGCAGCCTGTGCAGTTGGTGAGTCTGCTTGAGTTGATGCAACC
TGTTGACCTTTCCATTCGACTGCACCCAACATTATTATCGTCCAAGCTTGGAGCTGGTCT
TTCCTGAGGCCCAGATGGAGGAGCAGACTGTTGCTGAGGTGGTATTACAGGACTTTGGTG
AGGTCGAAGCCTACGAGGTATTTGTGCATCCTGATGGGATGATCGCGGCCGATGATGATC
AGGAGGAGAATTTTCTGGCGGTCTCCGTGAATATGCTTCGATTGGATTCTGGTATCCATG
ATCTTGGAGACCTGTAGGTGAGCCAGCAGCAGATGCTTGTGAAGGTTCAGTTCGATGGAA
AGGCCGGACAAGAGGAGTCGAAGGTGCCGTAGACCGATAATCAGGCGCAGGGCTGTATGC
TGGAGGAGGTCCAAGCAATTCTGACGAGGCGTCGTTTGGAATGCCAGGACGACCTTGATG
ATCAGGATAAAGCCCAGCAGGAGGTGGTGTGCCATCGACGCGAGCGCGCTTCCGGGCTGT
GTGATATATCAGTCATGCGTCTTAGTTGCTACAATGGCCGTGAATTGAGATAAACGATAC
ACACATACAGTTTTGCTCAGCCATACCGTGAGCTGTGTCGTATAGCCTGGTTGGTCACTT
GAAATAGCGGTAGTGGCAAGTCCGTCATAGATGAACATACAAAGGTCCTTCATTAAAGTA
CACACAAGCATAATCGGACAAACGCAAGTTGTTGTGACACCAGACATCAACTTGCGCGTC
AGCAAACCCTGAGAGGATAATTCAAGCAAACCGAAGTAGATGGAATAGCTCTCGAAAGCC
AGGAATAGGTTTTCAAGACGTCGTATGGAAACTGGTCTGTCGGTGTTGATCTTGTCGTTC
TCAAATCCTGTCCCGTGTCGAAACCTAAATTCCGATTCCCATTTATGTTTCGCTGCACCT
CGAACAATGTACTTCTCATCAAGGGCCCATAAGGCTGTACGAGATATCATAGGCGAAGGA
CTGTTGTGGCGTGGTCGCTACGGCTTCCCATTGTTGGAAAATCAAGTCAGCCACTTCGTC
TTTGTACCTAGGTAGTTTAGCGGTAGTCTCGCAATTCGCTGCATGGGGCAATGATGTGCT
GTTTCCTTATTTCCGTGACGTGCTCAACAAAATCAACCGTCACCCTTTGCAATCTCTGCC
CATCGCGACGTGCAATGCCGCTTCGAACCTGTCTCGTTCTTTATGCTTGCTTGTAATCAC
GAATAGCAAGTTACAATGACGGACCGAAGTGTCGACGCAGAAAAGCATGCAGACCGGGAA
GACCATCCCACCACAAAGACTGTAGATGATGTGCAGCGCAACCTACAGACATGGCCGAGC
GCGCACGACGTCGAGATACAAGAAGCCACATTGGACGTCGGAGCCGAAAATCAAGCAGCG
CAAAATCCGCAGGTTAAGTCACATCAACCTGCTCTTACACGCATGCTCTCGCGCCGCTCG
GCAGCATCGCTTGATCCCGGTCCAGCTCCTGACGGTGGCCTCACAGCTTGGATCCAGGTC
CTCTGCACCCACCTGACAATTTTAACCACCTTTGGTTTCTTTACATCATTCGGCGTATAC
CAAACGTACTACGAAAACACACTCGGAATCTCGCCTTCGACGATATCATGGATTGGTTCC
CTCCAGGTCTTCCTGCTTTTCTTCCTTGGTACTTTTACAGGCCGTGCTACGGATGCTGGT
CTCTTCCGCCCAGTTTATATCGCTGGCGCATGCTTCCAGATACTTGGCATCTTCACGTTG
GCCGAGAGCAAAAGCGTGTGGCACGTCTTTCTCTCCCAGGGCGTGTGTCTAGGCATTGCA
AACGGGCTGCAGTTTTGCCCTTCGATGGCCCTGGTATCTACCTACTTTGTCAAGCGTCGT
GCCTTTGCGCTCGGCTTCACAGCGCTCGGATCCTGCACTGGCGGTGTCATCTTCCCAGTT
ATTGTGCAACAATGCTTGCCTAGCTTAGGCTTCCCGTGGACTATACGTATCATTGGCTTC
ATTATGCTGCTCATGAACGCCATTACCATTGCCTTGTATCGTACACGGCTCCCACCTAGG
AAGACTGGCCCGCTAGTGGATTGGGCAAGCTTCAAGGAATTACCCTATGCACTGTACTGC
GCTGGCGCCTTTTTCAGTTTCTGGGGCTTATATTTCGCTTTCTTCTACATTGGGAGTTAC
GCGCGGAATGTCCTTGGCGCCAGTTACCAGCAGAGTATCAACCTGCTTCTCGTGCAGGTT
TGCATGGGGTTTGTCTTTCGCCTATTACCTACGTATTATGCTGATAAGATTGGGGGCCTC
AACGTTCTTATACCTTTCGCTTTCATCTGTGGTGTCATGATGTTCGCATGGATTGGGATC
AAGTCCATAGCTACCTTGTACGTATTTGCTGTCATATACGGAAGTGGAAGCGCCGTTATA
CAGGCACTTTGGCCGGCCGTGATCGGCAGTATGAGCCGTGAGAAGGACCTGAAAAAGTCA
GGTGTGAGGATGGGAATGGCTTTTACCGTCGTGAGCGTGTCAAGTTTCACAGGGCCACCG
CTAGCTGGCGCCCTCATCCAAAGTCACAACGGTAGTTATACGTACGCAAATGTCTGGGCG
GGTATGTCGTTCATCGTTGGAGGCTGTCTACTACTGGCTACCAGGGTATCTCTGGTGGGC
TGGGACTGGAAGGCAAAAGTATAGTGATGGTAGATCTAGTTAAGTTCTTTTTAGACTTTC
CGCTCTTTACTCTTTTCTTCTGTTCCTTTCCACCTAGGCTCTGAATCTGCTGCTGTCTTT
CTTCTTCCTATTTCTACAAGGTGATGTTATTCACAGAAACGCCCCTTCCTGCCGAAACTA
ACACATGTGCTTCATACGATCTACAGATCAGTGAGATTCTCAACCTTTGTCATCGTGGAA
AGACTTGTGTGCCACGTTCGAGAAAGTTATGCCTTGCTTACTTATTGCTCTGGAAACCGT
GCTTGAACTATCAGCCCTTCTTGTCACCTAAAGTAGTGACCCTTGCTAGCAAACCAGGCT
GTTCTCTCTCCTTGGTCATTTTTGCATGCCAGTCCGCCTCAACCTTGGCTGAATTCTTCT
TGACTCGCGCTGTATTCCATCTCATATAATAGCAGCAGAGTGGGAAAAGGACAGTATCTG
CCATAATCCAAGCGAATAGAATGCCAAAATTTAAGCCGACGCGCGGATGTAGATCGAACA
AGATGGATCGTGTGAGCTCTACGACGTTGTGCATAGGCCATCCATAACCCCAGCGATAAA
AGCCTGGAGCTAGCTCAAGGGCGTAGAAGCCAGTTGCTACATTGCTGATAACCCATAAAA
TCAACCACAAGGCTGTCCAAGGAGTTCCCAGAAGCATAGCCATATTCTCGCTGGCCAAAC
CAAACGCGATCATACCGATCCAGTTGCCCATCCAATATACCAAGAAGGTGCCGCTGCCGT
ATGCGTTGGGATTATCGGCAGGTTGATCGTGGGCTGCTTTGGGCCGGTCCATAGGCATGA
GAAAGGCGAGGCTGACGAAAGAATAGACGAGTGAAAGCAGAAAGTAAGATGCGACAGTTG
CAACGTAGCGCCACACGATGAGCTGGTAGAAGTGCAGCGGTGGATGACCTCTAGGTGTGA
GGTACTTTAGATGAATGGGTAGAAAGAACGTAAAGCTGAAAAAGGAGATGATGACTAGAT

ATCGTCGATTGAGTCAGCGTATGTTTCGAGTGTTGTTTTTACGAGGAAATCACTAACTTA
AGTAGATCAGGCCTATACTGACCGCGGGTGTCGCGATAGGTGGTCCAAAGGGACGCAGAT
CATAGACTGTGAATTCGATGCCCGGGGTAAGAGCTTGGGGCGAAACGTCGACGTGCATGT
CGATAACTGAAACGTTGTTCTCGAGGAGATGTGCGATCCACGCGCGACCGAAATCAGTCA
CGACACGCTTTTGGAGCGTGTTCATACTGGGTACGATATAAGTCGAGAACGTAGTCTGAT
CACGCGCAGAGTTATAAGTGATCTGGCAAGCGCCCAACGGATCGTAACTCGTGTTGCCCT
GCCTCACTGCAGCCTCGAGCATTGCTGTTGCATTGGGGTTGATCACGACGGCTGCCCAGG
CGTGGAAGTCGTAAACACTGTCTCGTACTTTGAGTGGATCGTTGTCAAAGTCCCCGGGTG
GAGCAAAAGTATAACCCGGCACCACACCACCGTCATCAACGATGTTGCGAATGGCCTGAG
TAACGAATGGACCGACGAAAGGTGTGATTTCTGTATAAGGCGGTTGACCGTCGAAGTCGA
CAACCCAGACGCTCAGGTTTGTAACATTCGCCTTCTGACGGAACAAAGCACCCCAAAAGA
GACACAAGAAAATCATGATGGCGACGGCGAGGATCAGGTTGGTGCGGAGCCAGAGTTTGA
TGACGTGTAGTCTGACACCAGCCATGGACGAGTGGAAGAATCCAACAGGCTTCTGATCGA
ATTCGATTCGGCGGCTGCTCTTCGTGCGGTCACGCTGTAGTACCGTCGGCCTTACTAAAG
CAGAGTTGATGGCGTGGTTCGTCTCGCGCTCGAAGGGGGCGGCCTGCTGCTGTACGCGAG
CGGAGTCGGTTGTTGTGAGCACATGCTCTCCAATGTCTGACTCGCTGGACGAGCTGGAGT
CATATCCGTGGTGATACTGCGGAGCAATCTGGCAACCAAGCATGGGATTAGACATTTTGA
GCGCCGTAAGGATTTACAGACGACGCTTCAGTTGTTCTTAATATGTCCTGAGGCCGTGGC
CGTTAGTGCTGCTGAGGGTTGCTGACTGATCACTCTAAACTCACTAGTGTCTAAGTTTTG
CCCATGAACAATGCTTGGTCATCGCCAGGGCTGACTTAGCCACTGATATCTGTGCCAGAT
GGTACGCTGGAATGACAAACGACTTACCAAAGGACTTGCTAAACGAAAGGGGGACTGGAA
TCATGGGAGGCGCCTCAGCTGTCGCATGAGCACCTACCTTCACCCAAGCATCTGCCTTCG
CCTAGGCATCTGCTGCTGCCTGAGCTTCTACCAAGCTGTTAGCACGAACGGCGAATTGCT
AATGCAATGTCGCTCCTCATCTTGAGCCCCCAATGGTCGCTCAGGTTGTCCCTCACGAAG
CATTAGGATGTAAAGGTAAAAGGATCAATAGACGTAGAGCAAATGAGAGTAGAGCAGAAA
TAAAACTGAAGTGGAGTAGAAGGTAAGAGAGTCAAAGTTGTCTGCTTTTGGGTTCAAGTA
CGAGGTGGGAGTGCTCAAGGATGAGAGAGATTCGCGAGGTAACGCAGACTCATGCGAGAG
CGTTTGTGAGGCGACGTACACTACATTAAGGTTACCATCCAACGATGTTCCGTCCCTGCT
CAATTGCCTTTCAATTCATTACATTGAGCGTGTAGTAGAGATGGAAGTATTGCTCGAGTG
GCGGGTTATACGGGTTGCACTCCAAGTTTGGCTGACATAAGCCCCGTTGAACGGAGGGAA
ACAACTGGCCGCGGTTTCGCGACGCAATACGCGCCCCATGCCCACTGCGCAACGCTCGTT
ATGACGGACACCTATACATGTGGCAACCTTCGCATTTGCACAGTACCTAACCGTCGGTAC
TTACTGCTCTACGCATTTACAAAAAAGGGGGCATGTTGGATAGAGAACCCAGGGGTGGTC
GCGGCTTCCGACGCGGCAAAGGACTGGGTAGAGGCAAGACACAGATAGTACGATACAGCC
AAGTCGCGGGAAACATCGCTAAGTTGTATCGCAGTGGGAGTGGGAATCATACACACCTGG
CGCTGAAGTCTACGAACAGCTATGGCGCGTTCGCAAGGAGCCTGCAATCGTTACCGCACG
GCTTCCTGACGACTGCCCCATACCGAATGCGCGAACACGAATACTCTACCGTCGGCAGAC
CGAGGATGCTATAAAGCGAGAGCGATACGCTGTAGAGATAACACACATCAGCCAACCTGA
AAACAGACATGATAGCATTGATCGCACGGAGGTTGAGGATGTGGACTTTACACGTATCAT
GCAGTACGTGTCTCCGGCCGAACTGGAGCGCTATGAAACAGAGCAGTTCAGACTCGAGGC
AGAGGCCGAGGCAGTCGCGATACGCACAGAAGCTGAGGATCTAGCACGTCGACAACTGCA
TAAGAATACAAAGCTACCAAGCAACAACAGAGGAAGTCGTATGCTCAGTGGGCTGGAACT
TCCCGTCATTTTGCCCACAAGAGCTAGAGGTAGGCTCAGAAGAAGTCGCGGAAGAGGTAG
GAGAAGAACGAGAGATCTGGTATTCGATTCTCGGCAGCTTGAGGATGAGACACATGAAGA
GTTGGTGGACAGCGAGACTCATTGCCTAACCGACTACACTAGACAGCCAATTCAGACATC
TTCCGGTGTGGCCCGTTCAGCCTTTGTTGCCAACAGCGCCCTGCCTGTATCATCAATACC
AACGAGACTTTCTACTTCTCTTCCTCAGCAGGGACATACAGGGCTTTCGGATCCGAATAA
GGACGTGGGCCTAGCCCGGGCTAGCCGCGATGCAAAGCCTCTGTCCAACACCTCAGACGA
CATGCTTCTACACACACCGCTTCTCTTTGATCAGTCGTCGACTACAGTGTCTAACTCAGA
TGACACTATACCTGCACATCCGCCGCCGCATCACGAATCCAATGACGACGTGGACAACGA
TACTATACACATGCACACAGTGTCGTCAGACAGCCATTCACTTGAGTATAGCACGAAAGA
CGAGGAAGATGCAGAGGGCGCAGAAGAGTACGTGGTTGAAGCCATCGTTAATCACTTTCA
GGAGGATAGGAAGAAGTACTACCTCGTCAAATGGGATGGATATGAAGATAGTCACGATTG
GCTTCCCGAAGAAGATCTTGAGGGTGCGGCGGATTTGGTCGCTGAATACAACGAGCGACT
TGGAGGCAAAAACAAAAAAGTAAAGTTGAGATAGTGTGAGCTGCGATTGAAACTCCACTT
CCATCTCCACCGCGACGTCTTAGTGCGGCGACGAGAACATCGATCTTTTCAGTTTTCATG
GCAAGCATGAAGGACTCACAGTTCACTCCGCTGTAAACCCCTATCGTCGCAAATGCTCTA
TGTCTGTGTTCAATGCAGATGTATCAATGCTCTTCGCGGACATATGCTATCGTTGACAGA
ATTGATCTTCAAATCACTTTTCATATTGTCTCTTACAATCACCCGTCTTCTCTTCTTATT
TGTTTTTTAGCTTTTGAAAGTGAACGTCATGGTGACCCAGTCGTGCGTCGATGATCCATG
CCATTGTAATCACATCCTAGCAGACATACCCGTGGAACATGTGTACAGAAGAATCTCCGA
ATGATTTATTCTACATGCGTGATCATCATATCTTCACTGGGTCTCAGTGTACATGTTGTA
TACAGAAATAAAATTGATGACAAGATTAATAATACAGGTGAAAGTTCTCGAGAAAGTAAT
ATTCGCGGACGACGCCTGCGTCTGTTATGTTCGTTGCAAGGTCGTTTGGTTGCGATCGAC
ACGATGACATGGCTGGAACAGAGCTTCACCTGTGTGTCTTAAGCATCTTGCCTGCACGCT
TGACTGTGTGGGTCAAATCAGAAGCCAGGCTCTGCTTTCTTTTGCCAGTTGTCTTAGTGC
GTGAACTTTCTTCCGGGCCTGTAATGTGCCATTCCTGCGTCAACTGAGTGGAAATTTCCT
TATCGTCTTGGATCATATACTCCAACATATCCTCCGATATATCCTCTCCGACTTCCGCTT

TTGAGGGCTGTTGTGAGAGTTGAGTGGAAATTTCCTCATCGTCTTGGAACATATCCTCTG
GTATATCCTGTCCGACTTCCGCTTTTGAAGGCTGCTGTAAGAGTTGAGTGGCTATCTCTT
TGTCGTCTTCGAGAGATGCACCAATATCGTCTAGCACTTGAGCCGGCATTACAGAAGAAG
TAGGCTCAATTTTGACGTTGGTAGAGGGTTTTTCTGAGCCAGACTCCGATAGTGGTGGGC
TCAATGGAGGGTGATCAAGACTGGATTGGTAATTGCCGACGGGAGGAACCATGTGTGAGT
CGTTGGACATTTCTGGTTTGACGAACTTGTTCCCAGGACGAGGTGATAGAAGCAAAGCTG
AATCTTTCCGCGCCCTAGATTCTTGCCGCGAACCATTGACCTGACGGTCTCGGCGTGGTT
TAGACGGTAGTCGTCGCAATTCCTGCAAATCCTGCAGAAAAGGGCATAAGAATTCGCTCT
TCTTTGCGTATTTTAGATAAATTGGGTTTTCCCTTGTGTAGTCGCGGAAGATGAGTGGAT
CCGAGAAGGTTCTGATTGTTTCTCCCGTACGGAACACATCAACGAAATCTAGAATGTTGA
CGTACGGTGGATCTTTTAGTTCGTCTATACACTCTTGGATGAGGCTGTGTGCCCTCTTCC
CTGTCTGTTCACACACTCTTTGGTATATGAGTAACTTTTGGCCATCATCCAGGCGAATTT
GGCCCCTGGGATGGTTCACTTGCCGATAATGGAGGCCTTCGGGAAGGTAATGATATATAA
TCTCGTCGCGAATCGCATCGACACAGGCTTCATTCTTTCTTTTCCGGTTGAGCCCTTGGG
AGCTTGCAAATAGGCCAAATTATTGCTTAAACGAATTAGACGGCTGCGGTATGAAGCTGC
CCTGCTTTATAAAGGCGCGATTGAATACTCGTATGTCGTCATCTGGTACACGGCCGACGT
CGAGCATATGCTCTACGGCGAACTTCAGGTTAGGGAACGTCTTGACCTTGGAGCCTGGAA
AGCCGATGACTTGCTGCTGTGCCTCTTCAAAGGAGTTGTACAAGCCAGGCCTTTTGCCTC
GAGTCACAGCGTGGTACTTTTTAACCATGATGACAGGCAGGAATAAGCGTCATTGCTATA
TTGGGATGGAGAGTATGTATGAAGGATGCGATATCGCGCTGCAAACGCGTCGCAAGGCGT
CAAGAGTATATATGGATAGAAGTTATGAGAAGGCAGAAATGACACGTTGGCACAGTTCGA
GTCAGATGCGGTTTCGTGTCGTCAGGGTGTAGATGCTTTTGCGGGACGAGCAAGGGGGCG
CGCATCGCTTTGCGCGGAACCGAGGCATTCTGAACTACCGGTAGTGAAGTGACACATGAA
CACGGCCTCTTCAGCACGCTGCAACAACATAGACATGAACATGGCCTCTCCAACACGCTA
CGCCTACCCCTTCGCCGCTTCCCCTGACATCATCCGGTCACACCAGAAAGACGCCTACTT
CTCTGGTGTGCTGCTGGACCAGCTATCGACACTCTTGCGCAAGCTCTATGGCGCGCGCAT
CGCGCACACGTACGCATCCGAGACGCGAGTCCTCGGAGAGCTACTCTATCTCGGTCTCAC
CACACTGATAGGAAACCGGACACTAGGCGAAGAATACACAGATATTGTTCAGGTGGAGAG
CGAAAGCGGACGACTGCCGGCTCTGGGACGGAGAGCGGGATACATACTAAGCTGCATATT
GGGGCCATATCTGCTTGGAAGAGCATTGCCAGCCTTTAGACGAAGAGTGCGCGCAAAACT
CGAGGCGAATCTGCGATGGTACGCGCGACAGCAAGCACGAGCACAGCAAGAGGCACAGGA
GAATGGGAGCAAAGCACGGATAGGACGGCCTCTTGGTATGCGCCTGCAGAACTACATACT
CGAAAACCTCGATACCATCACGTCGCCGTCGCCCGTCTACGCCCTCTCTCTGGCGACATT
CTACTTTTCTGGGAGTTACTACCACCTCTCGAAGCGCATATGGGGCCTAAGATACATCTT
CACGCGACAGGTGCCCGAGGGCGATAACCGCGCTGGCTACGAAGTCCTGGGTGTGCTACT
AGTGTTACAAATGGCGGTACAGGCATATCTACATTTACACAATACTGTCACATCGTCGAC
GGCGGCGGTGGGTGGTGGCCATCCGCAAGGCACGTCAGCCATTGTAGGTGGCGGTGCGGA
AGTCTCCCTGGACCCCAATGCCTACAGCGCCAACAACGCGTTGCTGTTCGACGCGGCATC
TGCCCTCCCTACAGCGGCGCCATCGGACGTACAAAAGTGGACACACACACCTGCGTTGGA
AAAAGCAAGATATGAGCTGGAGAACGAGGAGACAATGGGATGGATTGGTGGTGGCAATCG
GAAATGCACGCTTTGCCTGGAAGAGATGAAGGATCCGAGTGTGACGACGTGTGGGCATGT
CTTCTGTTGGACGTGTATAGGGGACTGGGCGCGGGAAAAGCCCGAATGTCCACTCTGCAG
GCAGACGTGTCTAGTGCAGCATGTGCTCCCGCTCCGAGGGTAGATGGGCGGCATGTAGAA
TTACAATATCTTCTCGGCCTCATCAATCAGTCGCTCTACCTGAAATGCGCTGTCTCCACG
AGTGAACATGTTGAGCAGTTCGCTGCGTCCCTTGCCCTCTTCCGTCTGCACGTAGAACTT
CTGCATGCACATGACGAGCCATCTGGCCTCGTCAACGCTCACGCCTCTGTTCTCGATGAC
CAGGCCCTGGCCCAGAACCAGGTTGTGGCTCTCGGCGAGCTCCTGGTGGAATGTGATGGT
GGTGTGCGGACTCGCGAACTCGCCTCTCAGCTTGAATTCTGCCAGCGTTGTGAACATCAG
CGTGGTGGTGTCAAGGTGCGGGTGGGAGAACTGTAGATAGTGTAGCTCGGCAGCCTGCTG
CGTCTGGGGCTGTTCCGGTGACGCGGACGAGGCATCGGCGGGTATCTCGCGGGGGACGGG
GAGCACGAAGGAGGGGTGTTGCTTTGCGCTGCGGAGGAGTTGGGCAAAGGTCGTGGCCGG
AACAGCGAAATGGACGCTCTGTGGATTGGCAGCGTGCCGTAGGCGCCACAGGGCCTGGAC
TTCTTTCTCGGGGAGAGTCTTGACTTTGTCGAGGTCGAGGAAGGAATTGAGCGTCTTGAC
GCCTGGCGGGGGCGCGGAGGGAGAGCCTGAAGCAGAGGGCGGCGGAGGAGGCGACGGCCA
AGGGCTCTTTGGTTGCTGTTGGTGTTGGGATTGTGGGGTTGTAGCTGTGGTTGTGGTTGT
TTCTGGTGGCGGCGTCAATGGACCGGTTGCGCCGGGCACAATGGCCTGCTTCCTCAGCTC
CTCGATCTTGTCCTTGTACTGCTCCTTGAGCTCGTCGAGGTCCTTGAGGCCCTTTTCGCG
CGCCTTGTGCTCGAGCTTCTCCTTGTACTTGGCGAGGATGCGCTCCTGGGAGTCGTGTGT
GACGAGAAAGCGCACATCCTGGACGCGGGCAAAGCGGCGTTGGGTAGCGCGGGGGTTGAC
GAGGGGCTGGCGCAGAGCATGGCGCAGCGTGGGGATGCGCAACGGCATGTTGGATGTACT
GTGGACAAGTTTTGAGGCGGCGGTGGTACATGCGGCTTTTGCAATGGGGACGGAATGCAC
TAAAGAAGCGGGGCCCAAATGCAGGGACGGGAACGTTTACCTAGGCGGCATGGGCTGCTT
TGTCTACTGCACTACGCTTCTGTAACGTTGTATCCTACCCGACATATCTACCCCATATCC
ACCCCATATCGTATACCCGTAGTCTCGTCTGCCCGCGCCCGTCATCCATGCAGAACCCGC
CCTCGCTGCACACGACCCGTCGGCCCCTCTCCTCGTCGTCGCCCGAGACCTCGTCCTCGA
CGGGCTGCTGCTAGCGGGCATGGGTGCAGTTCACAGCAAGTCCAGCGATGCAGGCGACCT
CTATCTGCGCGACCAGACTCGATGTAAGCTTCGACTTGCGCCTGTCCCTTGTCCCCCTCG
ACCATTGCCTCGGCCGCGCTCTGCTAACACGACCCCCCAGTCTCGGTGGCCTCGCTCAAC

ATCACCAATGCCCGCAACCGCACGCTTCTCAACATCTCGCCCAATGCCTTCCCCGCCACC
CGCTATGCTGCCAGGCGCGACTTTGGCGACGACAGCGTCGTCGAGTACATCCAGGACCCC
GAGCCAGCCCACCACCAGGACGGCCCCCCAGCCTTCCTCCTGCGCCTGCCCAACGACGAG
GAACTGACCTTCAACTTCACCTTCATCCTGCGCCAGCACCTCGCAGTTCCCACCAGCTAC
AGCGCCAGCACCGCCTCCCACGTCGCCCCCACCGGCCTGGTCGACACCAACATCAATGGC
TTGACCTTTATCTTCGCCCCGAGCTCAAAGGACCTGGACAACCTCGTCACGCGCGAGTTC
CACGCCAACCCCAACCTCCACAAGAACCCTCAGGTCGAGCTGGTCGGCGACTACTCCACC
GGCGGCCATTCGTCGGTTCAGTTCCAGTGGTCGTGGAAATGGACGCCGCCCCGCACCCCA
GAGTCGCGTGGTGGGGGCTGGCGCACAAGCTGCAGTGTGTGTATACCATCCCCTCTCTGT
AGCCGCGCCTGCTGATATCCTCTAGTTTGTCGAGTATGACCAGCGCGCACACCGGCTCGA
GACGCTGGCGAGCTTTACATTCTGGGTCCAGAGTCCGTATCCTCACCCCCGTTCCATCCC
CAACATGCCCGCTGACCACTCCAGACACAGCGCGCCAGCTGCAGAGCCCAAAGTCGCCTT
CACCGCGCCTTGAACTTGGCGTCCCTCCCCGACTGCGCGTGCCCTCGGCACAATCGATAG
AGTCACGAGTGAGCGACTCCGCGGGCGAAGACCGCGAGTGGGACAACATACCCCCGAGAT
CGCCAATCTGTGAGCCCATTCCCGAGCATAGCCTGGGCCTCATACCAAGCCAGACGACCA
CTCTGTCAAGCGGGAGTGCGCCGGTGAAGCTCGACGTGTCGCGTCCGGGCGAGGATCTCA
GTCAGACCGACGATGGGCCGCTATTCCGCGCCACGATGAAGTCGCTCGAACAGAAGACGG
GCAACATGCGCACAAGATGGAAGAAGGTTCTCAAACGCGCCGAGTCAGCCATGGAAGCTC
AAGTGGCATGCAACAATGCCATGGCCGACCTCATGGACGCACTCAGAGAAGCCTCGTCGT
CCAATGCAAACGCAGTGCAGCCGGCTATTGATCACTACTTCGACAAGATTGCCAAGGAGA
TCCTGGGATACGAAAAGTCAAACACCACCAACATTCAAAAACTCATTATTGATCCCATAT
ACAAGCTTTACAACATCGACATCAAGCAGGCCGAGACAAAGCGGAAAGACTTTGAGGAGG
AGAGCAAGGACTACTACCAGTATCTGGGAAGATACCTTGGGCAACGACAGGACTCACTGA
AAGAGAAGAAACGCGCAGAGACCGATTCCAAATACCAAGCAAAGAGGCGGAACTTCGAAC
TGAAGCGCTTCGACTACTCGTCCTTTATGCAGGATCTGCACGGGGGCCGGAAAGATCAAG
AAGTCCTCTCCCATCTCACGCGATATGCCGATGCCCAGGCCAAGCGCTACCTAGAGACTG
CAAAGAAGATCGAGACCATGTTGCCACATCTAGAGGCCCTGAGTTGCGAGGTGAAAGAAG
CAGACAAGGAGTTTCAGATTCAGAGGACCGAAAGAGAGGAGAAGAGGCGAGCACTCGAGA
CGATCAAGAAGACTTTCGACGATGTGCCTGCGCCTTCGCTCACTTCTCCCGCGGCATCAT
CGAGTAGCGTACCCCGGACAATGTCAAGATCCGACCCAGAGCCGCCTCCTGGCCGCAAGG
GTAGCCTTGTGCCCATGTTCCAGAGTACAGTCATGCCTCCTCAGACTATCTCATCTACAA
GCATTCCCTCCTCAATAGCATTACCACAAAGCCCTGAGGCTACCAAAGCGACTCTAGCCA
TGGTGGCGTCACAGCCGGACAAGTTCAAAGGAATCAGAGACCTTGAAGAAAAGGATCCTG
CTGCAATGGCCGAAGCTGGTTCAGGCGCACATCGCAAAGAAGGTCTTTTGTGGGCACTGA
GCAGGCCTGGAAGCCATGTGGATCCCAAGGGCTTGAACAAGCAAGCCTGGCACAAGTGAG
TACATTTTGTCGAAACTGAATGAACGATGCTGACAATGTCCAGATTCTGGATCGTGCTTG
ATCAGGGCAGACTCTCAGAGTATACCAACTGGAAGCAAAGTCTGGAGCTCCATATGGAGC
CAATCGACCTTCGCATGGCTTCGGTAAGGGAAGCGCGTAACGCGGACCGTCGGTTTTGTT
TCGAAGTCATCACCCCACAATACACTCGAGTGTATCAGGCAACCAACGAAGAAGACATGA
AGTCATGGATCAGTGCAGTCAACAATGCTTTGCAGACAGCCGTTGAGGCAGCAGGAAAGC
CCGACCGGCCATCAACCGACTCGCTGCCTGGACAAACACATCGCGACATCGCGTCAGTGC
TTACCGGCAAGAGTCCATCAATGTCAAGCCATCGCAACACATACGGCTCCAAGGCACCCG
CGCGGACATGCTACAGTGGGCGATCGGCCTGGCGGTTACCGACGAGAAGAGACGTTTGGC
GACGAAGGCAAGCTGCTCAAGCAAGTACGAGATGCGGATGCTGGCAACAAGATGTGCGCG
GATTGCGGTACTGAGATCAAAGTTGATTGGGTTTCCATCAATCTCGGCATCATCATCTGT
ATTGAGTGCAGTGGTATCCATCGGTCACTAGGCACGCACATCACAAAGGTCCGCTCTTTA
ACGTTGGACGTTACGTCCTTTACTCCCGATATCATCGAGATACTGCTCAAGGTCGGCAAC
CGCATCAGCAATGCTATCTGGGAAGCAAGGCTAGACCCAGGGCTGAAGCCAGGGCCAATG
TCGACAAGAGAGCAAAGGCTGCACTTCATCACGTCAAAGTATGCTGATCGGGCATTCGTG
GCACCCATAACACCAAACATGTCACACTATGCAAATCCAGAGGAGACGCTGTTAGCGTCG
GTTAAGAAAAACGACATCCAGAACGTACTCTACGCGCTGGCACTCCGAGCGAATGCCAAT
GCGCGCGATCGGTCACGAGGCACACACGCAGTATTTCTCGCGCTTGCAGCCGCCGACCCA
GCATCGCCTTCAGCGACAGCATCACCTGCAAGCTCTCCAGGCTCAGCCACTCGCCCAGGC
ACAGCACAGCCTACCCGCAAAGCCTTCCCCGTCGCTGAGCTACTGTTGCAAAACGGCGCA
GAATTACCGATGCTGCCTGCACCCATCCCGCTTGGGCACTCGGCACGAAGCTATCTTGAC
TTCAAGACAGAGCAACGTGCGGGCAAACGTCCAGCACCTATGGTGGGAAGTCAGCCCCCA
CCCAACGTAGAAAAACTGCCGTCCTTGCCGCCTATCATGGCAGGCAACGGCAGCTCTCCA
TCAGAACGGGCGCGTGAACGGGACGCACGACTGCAAAAGCGAGTCTCGGCAAGCGGAAGG
TTGGTCAAAACCCCGAACATGGATTTGGGTGAAGGTAAGCGCGGCTCGTAGGGCTAGCTG
ATGCTTATTTGTTTTCTGTTCTTCTAGCGTATACCTTCCCTGGGCGGCGTGTGGACTTGT
GCGATGGGCGTCAACGGGTTGAAGACGTTGCCATCGACGCGACGAGGAGATGAGTGCAAT
CTAGTCCAGGTTGGATGGAGGCGCAGTGCTGTTGGGAATGCGTGTATGTGTGGCCTTTGA
TGCATTGTACCATGTTCGCAGTGAACGGCGATTGGCTTGTTCTTCTGAGAGTCAGAGTTG
ACTCAGCGACCTTGGAGTCATATTTTTTGGCGTGCTGTGTGTATAGTGTAATGAGTAATG
GCAGAGCATGAGAGTCACGACGTTGTGAGATGCAAAGGCTGTGAGCCGGAATAGCGGTCC
TTAACGACCCCACTACCACTACCGTGTCTGTGCGCGAAACCAAAATTACTTTGAAAGTTA
TAACCGCACGCACCCCGCCGCCACAACTGCGAACGCACTCACTACCGCAATCATGGCGTC
CGCATACTCGAACCTGCCCATGGACGGCGACGACGAATTCGACGAGAGCCAAATCGACTT

TACCGACATCGAAGACCAGTTCCAGGTGCGGCTCGACGAGGGGCTCGATGCCTTTGTCGT
GATCGATGGATTGCCCATAGTCCCCGAGGACAGCAAGGCCAAGCTCGTCAAGTTTGTGCT
GAGGAAGCTGAACAGCGTGGGTAAGGTCAAGGGCGACGGCGTGCACATGCCCGTCGGCGA
GGCAGGCAAGACGGAAGGGTATGTTGCATCTGGCGCCGCGGGCAATGGCAGACTGGACCT
AGGCTGACGGCATCACAGATATGCCTTTGTCGAATACAGCGCACCCGCAGAGGCGGTCGC
GGCCGTCAAGCAGCTGAACGGAACTGCGCTCGACAAGAAACACACCATGGCTGTCAACAA
GCTCACCGACATCGACCGCTACGGCAAGGAGGGCCGCATCGACGAGGAATACCACGCACC
CGAGATCCCGCCATTTGAGCAGAAGGAGCACCTGAGGTGGTGGCTAGGCGACGCCGACAG
CCGCGATCAGATGGCCATGTACCGCCAGGAGAAGGTTGGCGTGTTCTGGAACGAAAAGGA
AGACCAGCCCGAGCAGGTTGTCGACCGCGAGAACTGGACCGAGTCCTTCATCCAGTGGTC
GCCCCAGGGAACCTACCTCACCTCCATGCACGCCCAAGGTGTCCAGCTGTGGGGTGGCAA
GGCATGGAGCAGGCAGAAGCGATTCGCCCATCCCGGCGTCAATCTCGTCGACTTCTCGCC
CAGCGAAAAGTACCTCACCACCTGGTCCCACCGCCCACTCCAGGTCGACGAGAACCACCC
GGTCCCATCGCTCTCGCTCGAGGAGGACGGCAAGAACTACATTATCTGGGACATCGCCAC
AGGCAAGCCCCTGCGCTCCTTTGCGACCATCGATGTACCCGGTGGCACCGACGCCGATGG
TAACCCCGTCAAGAAGAAGCTGCAGTGGCCGACATTCAAGTGGTCTTCCGACGACAAGTA
TGTCGCACGTATGACCCAGGGCCAATCCATCTCCATCTACGAGCTGCCGCGCATGAACCT
TCTCGACAAGACCTCGGTCAAGATCGAGGGCGTCATGGACTTTGAATGGGCTCCAGCAAC
ACCCCGGAGAGAAGGTATCAAGACATACGAGCAGCTCTTCTGCTACTGGACACCCGAGCT
CGGTAGCAATCCCGCCAAGGTCGGTCTCATGTCCGTTCCCTCAAAAGAGATTGTGCGCAC
GCGAAATCTGTTCAACGTCTCTGATGCGAAGCTGCACTGGCAATCCGAAGCTGCCTACGT
CTGTGTCAAGGTCGACCGCCACTCCAAGTCCAAGAAGTCCCTCGCCACCAACCTGGAGAT
CTTCCGTGTCCGCGAAAAGGGTGTGCCTGTTGAAGTCGTCGATTCGATCAAGGACACTGT
TATCAACTTTGCCTGGGAACCCAAGGGCAACCGCTTCGTGCTCATCACCACTGGCGAAGT
CATTCAGGGCGCTGCTGTGGGTCCCAAGACTGCCGTCTCTTTCTTCGCCCCCGAGAAGCT
CAAGGGCGGCGCACCTGGCAACTTCCGTCACATCCGAACCATTGACAAGAAGAACAGCAA
CGCCATCTACTGGTCACCCAAGGGACGATTCGTTGTTGTCGCCGCTCTCCAGTCTCAGCA
GTCTTTTGAACTCGAGTTCTGGGACATGAGCTTCGACAGGCCCAAGGAGGAGTCTGAGAA
GGGTGACAAGGAAGTTAACGCCAACCTGCAGCTCATGGATACAGCCGAGCACTACGGTGT
AACCGACATTGAGTGGGACCCTACCGGCCGCTACGTCGCCACCGTTGCCAGTGCTTTCCG
TCATCGCGTATGTATCTTTACCGTCACGTCCTTTTGCTTCTGCTAACACCCACTAGATGG
AGAACGGTTATCACCTCTATGACTTCAAGGGTACACTCCTCCGCGAAGAAGCCATCGAAG
GCTTCAAGCAGCTCCTCTGGCGCCCACGCCCCCCGACCCTTCTCTCTAAGGAGGAGCAGG
CCGAAATTCGCAAGAACCTGCGCAACTACTCCAAGGTCTTTGATGAGCAAGACGTCGCCA
AGAAGAGCTCCGCCAACAAGGCTGTGGTGGAAGCTCGTCGCGAGATGCTAGATGAGTGGC
GCAGATGGCGCGAGGAGGTCACTGAGAGGTTGCGCGACGAAGGAGCCGACCTCGAGCTGG
CAACCCTCAAGGGAGAGACGCCTGGTCAGGCGGATGATGGGCACCAGGAAGAGATTGAGG
AGATTGTAGAGGAGATCATCGATGAGACCGAAGAGGTCGTGAATTAGGTAGTTGAATGAG
TAGAGACGAGTATGATAGTAACTCGAATGAACTTGCTGGGAAATGATTTCCCGAACCATA
CAACCTATGACGAACAATGGCATACGATGATTCATCTCAACACGTTCTTTTTACAACAAT
CGTGAATGCAACAGCTCTTGCATCACTCATCCCTTATCGGAGAGAGAAAGGTTCAGACGG
TCGATTTCATATGACACAACCACGCTCACTATGGCCCGGTGTGTCTTGGATTAATTCTTC
CTCCTTCCTCCCAACTTCGCCTTGTAATGCTAGACCAAGTTAGCATTCCTTGCTCTTCAC
ATCCGCTCGACCTACGCAGTTTTTGCTTCAACTTACCTCACAGCTGATTCTCAAACCCTC
TTCCAAGCCGACTCGAGGTTTGTAACCCAACAACAATCTTGCTTTTGAAATACTGACATA
GCGATCGCGACATCCGTCACTCACAATACCCCGACTAAGCACTCCTTCTGTCCCCGTCAT
CCAACTAACCCATTCAGCACAGTAACCCAAACACCACGTCAACCCTTCCGGAACTCTAAC
GTGGAACCTTGGAACATGACCGAATTCCTTCCATACTGCTAGACACAAGGCCCTCGCTGT
GACAGGCTCGCCATTGGTAATGAACATGGCTTCACCAGCAGCAGTTTGCGAATTTAGCAG
ATTGCCGACGGCGAGGACATGTGCGTCTGCTACGTTTTCTATATAAACAAAATCTTGCAG
GTTGGTTCCTGTGCCTAGGATGAAGGGCGTTTGGTACGCTGAGATACACGAGTGTATTGT
GGGGATGCACACGGTGTCATTGCGGCCAAAGATGGGGGCCGAACGCAGAGCACAAGTCGC
GAAGTCGTGCGTATTTGCGGAAAGAACAATGGATTCTGCGAGTGCCTACTACGAGTGAGT
TTCTGCTTCTTCTTTTCCATTCCTTTCCAAAGTTTGGGTAGATGATTTTGAATGAGAGAT
GTTACGGTGGCTAGGAGGCAGTACTTCATGTGAGCGAAATGAATAGTTGAGAACTTCTGG
TGTGAAAACTGGCATGAAACAAGGTGATTCAAGAGAGAACAGGCGCTTTCCAAGGAACAG
TCAAGGGAAACACAACAAAAGAGGAAATCAGTTACCTTGCTCTGTCCGTAGCTCGTGTGC
ACACCACCTGTGGGCCAACGTTCATCTACGTTCCTGAAATCGCGATCCAATTCATCCAGA
ACAACAGTCACACTACTCGTGTACACAAAAGCCTTTGCACCACACTCCCTGCTTGCTTCA
ACAACATTCCTTGTTCCCTCGACGTTGATCTTGAAGATGGCGTCTTTGCCCCGCATGGAG
TATCGCTTCGTGCCTAGAGGGAAGACACCCACTGTGTGAATGACGACAGCAGGTCGAGCT
TCGGAAAAAACACTGGACAGAGAAGATGAGTCCATGATGTTGCAGCGGACATAGCGTACG
CTATTGGTGAAGGTGTCGCTGCCAAGCGAGGGCGGATTGACGTCTATGACCGTGATGGAG
TATCTCTTGCTGCGTAAGAGTGCGGAGACGATGGCAGTACCTAGGAATCCACAGCCGCCT
GTCACCAGAACGCGGGTTGGATCCATTTCTTGACGTTTGAGGAATCCTCAGAGACGCTGT
GTGTGGTGCAGATTAGTGTTGTTGACGTCGGACGCGTTTCTTTCTTTGAGCGCATTCCAG
TCGATCTGTCTTAACAGCATGGAAGCATAGAGCTTCGTATTTGCAGTATCTGCAGCGGAT
CCACTCATACGACCGCGTACGGTTGTTGTTGGTAGGATGTGACGTCGGGTCTATGAGAGA

GTAAGACATGACGAGGCGCGTGTCGCATCCAAGCATTGCCCAATGCTTTCCCGCTGGATG
TCTCGCGCAAAAATGCACTTCCACGAGACATTTCAAGTAAGGAACTATGCATGTTCCGCA
CTAGAACCAAACAAGAATGAACTAGGTAGTGATTGTTGGACTGTATGAATTTGTGCAGGT
TATCGCCTGAACCCGGTCCCATCGTTGGTGTCCGGGCAAATGATCTTGACTGCGGCGTAA
ATCAGCACAATTGGTATCCTCCAACTACGACACATAATATTTACCACAAAATATTTGAAC
TCCGGACAAACGAAACACTTGAGCACGTATGGTTTCGGTGTGAACACCAGATTTCTTAGT
CTTTCGCCTAGATCATATCTTCATGGTGTTCCATCGCCGTCACGTTGAAGAAGGATATTG
AAAATTCGAAAAAATTACCCGACGACCACCACCACGATGAAGGTTAACGAACACCAGGGT
ATATATCGCAAAAGTACCGCTCCATATTGTGATGCTGACTTTTTTCAGCTATCCTTACAC
CCCGCCTTCTTCTTGTTCCGTACAGTTCTCACCACGTCCCCACATACCACGAATGGATGC
AAGATGAGGTATACCAAGAGCCCACCATACTTCGCACTGTTGGGATATTTCCCAGGACTG
ACTGGGACGCAGGAGTTGCAGAAGCTTACCGCATCCGAGCCACTGACGCTCCAGGAGGAG
TACGCCATGCAAGCGTCGTGGCGTCAGGATGCAGATAAATTGACCTTTATTATCTGCACC
TCACCGAACACGCCAACAGCACCATCGGATCTTTCCACTATGGTCAAGGTCTCTCCCGAA
ACGGAAGATGCACCCGACCGCATGGTAGGGGACGTGAACCTGTTCCTCTATCCGTGTGAG
GAAGGTGATGACGTAGAGCAACAGGAAGGCTGTGGGACAGAGAAGGTGGACATGGTCGGC
GAGTTGGAGATTATGATTGCTCGACCTAGCGCCCGAGGCAAGGGACTTGCGAAAGAAGCC
CTGCAGGCATTCATCTGGTACATATCCACATCGTTACCGGCTATTCTGGAGGAGTACGCA
AAAGGAACAAATGACACGGGCAAGCTGAAGTCTCTAAGCTACTTGAGGGTCAAGATTGAC
AAAGACAACACCCGGAGTATCAAGCTATTCAAATCGTTGTGCTTCAGTCAGGTCAGCGAG
CCTAACTATTTCGGGGAAGTGGAACTGCGGTCTATGGATATACATGGTGGGATAGCGGAT
GCTACTGGGTTTGCAAGAAAACTATCCTACGGGGACTGAAAGACAAGCATGTCCAAAACA
AGCGACATGAAGAGCACGGGACTGTATGTCACGAGGCAAAGAAATCTGATTGTTGGAAGT
ACCTGGCAATGTACACGATATAGAACACACGCTTCCGCTACCCGCTCTCCTGAACCGCGC
AAATGCAAAACCACCCAATGTTTATTGGTTCGTCTTGCCAGAGTTGTTTGGCTTGGGGAG
TTGGTCGAGGATGCTCTTGTTTTGTGGTGGCTGGTAGACAATCTTCCGTGTCTTTAGCGG
TGCCCACTTGTACCTGTCGTGATTGTTAGTTTCGAGTTGTAATGGTGAGGTGCGGAGACT
TGCCTCTTGACCCAAACACTGAGCGCGAACAGAACACTGGTGACAGCGAGAACCTTCCAG
CCCATCTTCTTGCGGTCGTCCATCTCAGGCTCAGCGGTCCAGTTGAGGAACTCAACCACG
TCCTTGGCCATCTGCGAGGTCGAAGCCTTGGTGCCATCATCGTACTCAACCAAGTCGTCG
TACAGAACACGGGCCATGGCAATTCCGGTACCGGGGAAGTAGGGGTTGAAGTTGAGGCCT
TCTTGGACAACGGCACCGGCAGGTGGCTCCTCGGGGTAACCAGTCAACAAGCTGAAGATG
TAGTTGCAGCCGCCGTGGCGGGCCTTGACCATGAGCGATAGATCGGGGGGTAGAGCACCG
TTGTTGGCAGCGCGGGCGGCCTCGTCGTTCTTGTAGGGGGCAGGCATGTAGTCGGAGAGC
TTTCCGGGGCGCTTCTCAATCTCGCCCTGGTCGTTGGGCTCTGTGTCGTACTCGTTCTCC
TCGGCGAGCGCCTTGGCCTCATCGACTGTCATGAACTTTCCGACGACGGCGCGGTAAGGC
ACACGGAGAGTGGAGTGCAGGAGGCGCAGACCTCACGGTAGACCTGGAAGCCACGGCGGA
GACTGTGACAGATTAGGGGATGCGCATGTGCGGTAGGACGGGAAGGACGTACGCTCCATG
GTCGAAGGTCTTGGACCACTTCTCGTGCTCCCACGGGTATTGAGTTGGGTGGAGACTGTA
GAAGCATAGCGTCAGTACATGACTTGCGGTCGGATCATCTTTGGCGCACTCACCCTTCTT
CGGCTGGGGTCATGGCATCAACCTGGCGTCCGTAGAGATGCCAGTACCAGGCAGTCGAAC
CAACGGCGAAGATGGTGGCGCCTGCGGGGAGGGCGTTGTTCTTCCATGCCGAGGCGGCGC
CGTCGGCAGAGCTCGATGTCGAGGCAAAGCGCTGTATCACCCATTCCGTCAGCCAGATTA
TTCAATTGAGGCGGGACAAGCCCTTGTATTGCAGCCCGGCGAGAGATGGTGTCGATGAAG
CTCGCGCGAGCTGTCGGGGTTTCTTGGGCCATGCGGGAGGCGTACCGGTTTGCTGGAGGC
ATTGCGGGCCGTGGCAGCGGCGGAGCGTGCCGTACGCAGTGCTGAGCGAGCCAACATGGT
CATGTGAAGCTGGCTCGGAGCAGGAGGGAGACTGGATCAATGGGTTGTCGTTGTCGGCGG
TGGTGATGCTGGGAGTAGGTGCGGGAGACACTGGCCGGATCATCAATTTCCACTAGCGCC
TGCCTATTATGGTTGCTAACATAAGGCAGCTGCGATTGGCTGCTCCTTCCACCTTCGAAT
GGTCGCTCCTTCCACCTTCGGGTTTCTAGAATTTGAAACTTTAGAAGTACTCACAGCCTT
ATGCTTTATCCGTCCGGTTATTCTGGTCTCTTATTGAAACGTTAAAGCTCGTGGTTGGGG
CAGATAGTATCGTGTGGCATCACCTTTATATACATATTTTAACTTCTTTCTTCTACATAC
GACCATAGGACACTGAAAATTAGGCTTCCCGTCCGCTCAGCCATATACAAGCAGTGTACC
GGCGGATTAGTAGTTAGGTGGGTGACCACTAGCGAATCCCCGCTGTTGTATGTTTTTGTC
GTTTTGTTGTAACCCATCAGCATGGTATTTTTTTGCTCACGTCCAACATGTCTAAGTCGT
GGTAGGAGGGAGGTTACCGCAGACCATCAGCAATTAAGCACTATCCTGGGCATTCAATGT
AGAATGTCATGTATGCTAGTATAGCCAGGGTACGACATGGAGAACAAGAGCTTCTTCGTA
GTAGGAGCCCTTCGTACTCGGAGCCCTACATTTCTCCAAAACTCCGAAACAAACGTCTTT
ATACACGCCTGTCTATCGTCATGCTGAGATATACGTCGGAACATCATTCACCTAAGAGTA
CGAGTTGCGACTGCGCTACTTGCTCTGTCCAACGCCGACAGCAACACGCACAGCATTGTC
ATGTGACCCTACTTCTATACCCTTTCACTCATGCAGGAATTGCGAAAGGGCTCAAACGAG
GGCTAGGTCTTCTCTAGCAAGAACTGGCTGTATTGCCAGAACACACAGCGTCTCTGCGGA
GAGGGTGACGCTGGGAGGACTTTCTTGCGTGTTGAATAGAAAAGTCTTTGAGCAAGTCGG
CAAGGTTTATATACCGGCTAGCGGAACGTTCCACTAGGCCATATGTGGTGCGCAACATCA
ACATCAACAAGAGGGCCCTTGGAGAAGAACTCTGCCCGTCTCACTGTGTGCGCTTCTAAA
GCAGCGTGCTGATAGAAACAAAAGGTTGCTAGTGCCTTTGGGGCTGCCATTGAGTTAGTG
TGCTTGAGCATTTTCCGTGCTTCTTTCTACCTGGGTCCCTTGGTATTGTATGCACGTCGC
GCTGCAGCAGACGAGAAGCTAGATGCACCGCTTCACCCATCATGGCCGTCTCCTGGTGTC

AAGACCCGTCACCGCTCCTTGCTGCAGTCCCAGTCGACTGAAGCCGCGTCGGAACCTCTT
GCACACGCTCACGTCAAACACTCGCCTCCCTCGTTACCCCGCTGCCTCGCCGACACCATC
TCTCCGCTCCCCTCCATCCTCCCGACACCCTGCCTTTGTCACTGTGAGGCACTGTTCCCA
TCGACGAAACATGTGCAAGCACTTTGGCGCCGAGGGCCACTCGTCCATTGACATCACCAA
GGGCCGTGAGGTGCTGCCTGTCAATGTCAAGCCTATTCACTATGACTTGACGCTGGAGCC
AGACTTTGCCAAGTTTACCTACCAAGGCACCGTCACCATCGAGTAGGCACATGCGCATCT
TGCACGACAAGACGCCCGCTGACACCACGCCAGTCTAGACGTCGTCGACGACACTACCTC
GATTTCCCTCAACACCAACGAGCTCAAGATCCACTCGACCAAGGTCACGGCTGGCCAGCA
AGTCATCACCGAATCGCCCAATGTCACCACCGACGACGATGCGCAGACGACCAAAGTCAG
CTTCGACCAGACCATCCCTGGCGGCAGCAAGGCGAAGCTTACCATGACCTTCTCCGGCGT
CCTCAACGACAACATGGCCGGCTTCTACCGCTCGTCCTTCAAGGCCGCCGACGGCTCGAC
CACATACATGGCGACCAGCCAGATGGAGCCCACGGATGCCAGGCGGGCGTTCCCCTGCTT
CGACGAGCCGGCCCTCAAGGCCAAGTTCACCGTCACGCTCATCGCCGATGACAAGATGAC
CTGTCTCAGCAACATGGACGTGGCGTCGGAGAAGCAAGTCGACAGCACCATCTCGGGCGG
AAAGCGCAAGGCCGTCACCTTCAATCCGACGCCCCTCATGTCAACATACCTCCTGTGCTT
CATCGTCGGCGAGCTCAACTACATCGAGACGAACAACTTCCGCGTCCCTGTACGAGTCTA
TGCTCCAAAGGACCGAGACATTGAGCATGGCCGGTTCTCGCTCGAGCTGGCCGCAAAGAC
GCTGGAGTTTTACGAGAAGACCTTTGACAGTCCCTTCCCGCTCCCTAAGATGGACATGGT
TGCTATTCCCGACTTTAGTGCAGGTGCCATGGAAAACTGGGGCCTCGTCACCTACCGCGT
TGTAGATGTGCTTATTGACGAAAAGGTCAGTGGTGCTGCTACCAAGCAGCGCGTTGCCGA
GACGGTGCAGCACGAGCTCGCGCATCAATGGTTCGGCAATCTCGTAACCATGGACTTCTG
GGACGGCTTGTGGCTTAACGAGGGATTCGCAACCTGGATGTCGTGGTACTCCTGCAATGT
CTTCTACCCCGACTGGAAGGTCTGGGAAGGTTATGTTACGGACAACCTGGCTAGCGCACT
CTCGCTCGACTCTCTACGCAGCAGTCATCCCATTGAGGTGCCTGTGAAGCGTGCAGACGA
GATCAATCAGATTTTCGACGCCATCTCCTACTCCAAGGGCTCTAGTGTCATTCGCATGAT
TTCCAAATATGTCGGAGAGGACACCTTCATGGAGGGTATTCGCCGCTACCTTAAGAAGCA
CGCCTATGGCAACACGGAGACCGGCGACCTGTGGGCTGCCTTGGCTGATGCCAGTGGCAA
AGACGTTGGCAAGGTCATGGATATCTGGACCAAAAAGGTCGGATTCCCAGTCGTTACCGT
GACCGAGGGCGCCGACTCTATCCACCTCAAGCAAAACCGCTTCCTCCGTACAGCCGACGT
CAAGCCAGAAGAAGACCAGACCCTGTATCCAGTCTTTCTCGCGCTGCGGACTAAAGAAGG
GGTTGACGAGGACTTGACGCTTTTCGATCGCGAAGCCGACTTCAAGCTCAAGGACCTCGA
CTTCTTCAAGCTCAACGCAGACCACTCTGGTCTTTACCGGACCTCATACACGCCAGAGAG
ATTGAGGAAACTTGGAATCTCGGCCAAGGAGGGCCTCTTGACTGTTGAGGACAGAGCTGG
TATGATTGCTGATGCTGGCTCGCTGGCCGCGTCTGGCTATCAAAAGACGTCTGGCATTCT
CTCGCTCCTGGACAGCTTCAAACATGAGGCAGAGTTCGTCGTTTGGGGGGAGATTACTGG
TCGCATTGGTTCCCTCCGGGGCGCATGGATGTTCGAGGACCAGAAGATCAGGGATGCTTT
GAAGAAGTTCCAGTTAGAGCTCAGTGCCGAGAAGGCACATGAGCTGGGATGGACGTTTGA
TGAAAAAGACGGCCATATCGAGCAACAATTCAAGGGTCTCATGTTCGGTGCTGCCGGTAT
CGCCGGAGACGAGAAGATTACCAAGGCATCATTCGACATGTTTGAGAAGTTCAAAGCAGG
CGACAAGTCTGCCATCCACCCCAACATCCGCGGCAGCGTATATGCTATTGTGTTGGCGAA
TGGTGGGCAAGAAGAAGTAAGTCGTTGAACTGCGATATGTGAAATCTGAACTAACCTTGC
TCAGTACGACGTCATTGTCAACGAGACACGAAACGCTGCCACAAGTGACGAACGCAACTC
GGCTCTTCGCGCGCTCGGTCGTGCCAAGTCGCCAGAGCTCATCCAGCGCACGCTCGCCAT
GGCCCTCAGTGACGAAGTCAAGGGCCAAGACATCTACCTGCCCATTGCTGCCTTAAGGTC
ACACGCAGAGGGCTGTCACGCGCTTTGGAAGTGGGTCAAGGACAACTGGTCGGAGCTGGA
GAGAAGGCTGCCTCCTAGCTTGAGCATGCTAAGTTCGGTTGTTGCCATTACAACATCGGG
CTTCACTCACCGGGAACACATTGAAGATATCCAGGCGTTCTTCAGCAGCAAGAGCACCAA
GGGCTTCGATATGGCGCTGTCTCAGAGCATCGACGCCATCAGTGCCAAAGCCGCATGGCT
TGAGAGAGATGCGGAGGATGTCAAGATGTGGCTGCAGGAACATAGATACCTGCAGTAGAA
GCAGAGTGTTGTGTGGATTGTTATGAACTATGGCTGTACAAATAGATGGAGATGAAAAGC
ATTTACTCCCTGCGCCATCAATCCATATTGTCCCCAACAAACACAATAAGCTTTTTTCAC
GTTGGCAAGTCTAAGAATGACGTCAGTGTACATACCATAAGCGTAACTGAACAAATGCAC
CACGACAACCTCTGCGGTGCGGCAGGTCGGCTTTTACAGAGATGTGAGTTTAGTGTGACG
TGAATTCATTCACCACTTCGTAGTGTAACTTCAGATGTGTGACCATGTCAGCCTCTTTCC
TATGACGCTATTGTACATGATGCTCATGGCTCTTTCTTGAATTATTATCAACCAAGTCTA
GGCTATGGTTCTACAGCTTCTGGTAGTCTAGCTTGCCCTCGAGCTTCTTTGACTCGGCCA
TCTTCCGCACTGCCTTGTTGAAGTCGTCCTGGTTGATCGAGTCTCGGTAGTCCTTGATGG
CAAAGAGACCACTGTGGTAGGTTAGCCATACTGTAGTCACACGGGAAGAAGATACTTACG
CTTCTGTGACAACGTTGCGTAAATCGGCGCCGTTCATGCCATCGCTCATCTTGACAATGC
TCTCAAAGTCAATCTCTCCGTCCGTCACTACGCTGCCAGAGTGGATTTTGAGAATCTCCA
GACGTCCTACTTCGTTGGGCAGGGGGATTTCGAGCTTGCGGTCCAGACGACCAGCGCGCA
GAAGAGCAGGGTCGAGCGTGTCTGGTCGGTTTGTTGCCATGATGATCTTGGTCTGTCCTA
GGTAGTCGAAACCATCAAGCTGATTTAGCAGCTCCATGAGAGTTCGCTGAATCTCACGAT
CTGCTGAAGTTCCCTCGGAGAAGCGTCGTCCACCAATCGCATCGATCTCGTCCATGAAGA
TGATGCAGGGCTCGTGCTCCTTTGCGTAACCAAACATCTCGCGGATCAGACGCGCCGACT
CTCCAATGTATTTGTCGACAATGGCCGAGCTGACAACCTTGAGGAAGTTTGTCTCGAGAC
TGCTCGCCACAGCACGTGCCAGTAGTGTCTTGCCAGTGCCTGGCGGACCGTAGAGCAGCA
CTCCCTTTGGCGGCTTGATGCCTACTCGCAGGAACAGCTCTGGGTTCTTCAACGGCAGCT

CAATCACCTCACGTAGCTCTCTAATCTGCTCATTGAGACCACCGATACCGCCAAAGCTAA
CCTGACCCGGGTCTTCGAGCGACATGTTGTAGACGAGCGGATCGACTTCGCGGGGGAGCA
TGCGCATTATGGTAAGAGTCGTCATATCCAGAGCCACGCGGGTGCCTTGCTTGAGCTTGG
CCTTGTCGACCTTTGACCGGCATCCGACGACGTAACGGGGCCCTGACGATGCCTTGACAA
TGACTGCGGGGAGGTTAGTGTGGCGTCTCTCTCGGTGATGCAAATGCCCACGTACATCGC
TCCTCGTCTAGCTGCTTCAGCACCTCTCCTATTATCTGGCCGACGCTCTGCAGCGCCTTG
ATGTTGTCTTCTGATACGTCAAAGTCGTGCTGGAGGCCCTTGATGTCCAGTCGCAGCGCC
TTGAGCTTGGCCTCCCATTCTCTCGACTCAAGTAGCTTGGACTTGTAAGCTTCGAGGGCG
TGTTCCCGCTCTTGGTCGCCGCTTCCGCTCATGGTGAGGTTGTGCGGTGGATGTGAGTGT
GGTTGTGAATGTAGTTGTAATGGTGCAGCAGGTGCGGGAGGCGGTAATGGCAAGGCGGCC
GGGTTTGGTGCGGGATCAAGGTGGAGGTGTAAAGCTATGTGCGGTCAGTGATGGCGAGTT
CCAGCCTTGGTCCGGGTGAAAGGTGGGAGGGCGAAGTGTCGGTGGTGATGGCGATGGTAT
TGGTGCTATCGCTGGTGTTGTTGCGGAATGCGGGAGACGGTCCGAGAAAGTGAGAGAGCG
CGGCGCGTCGTTGGAAGCTCCGACCCTGCATCATCGAGCCTGCCTATGACAACCGATCCG
TCCACGACAAACACACTGCACCTTTTTCATGATGCAAGCCAACGGGCCCCCGTCGCCGAG
CAAGGCAAAGCGCTCGCGTGCCGAAATGGAGGCTGACGGCGCCGTCTCTGCAAGAGAAGC
TGCGGCCCAAGTTCAAGACGGTATTGCCATTCCGCACCTCTCACGCGCGCCAACTTTCTC
ACACCCACTGTAGACGATACTTCCTCCGACGACGATGACTTCGGTCCGGCTCTCCCCTCC
TCGGCGCCCAAGAGGAAAAAGCGCAAGCTGCCGTACGAAAAGCTCTATGTCGCTGCACTG
CCCGGCGCAACCCGTTACTCCAAATCACTCATGCATCGCGAGCAACTGTGCTTTACCACT
TTGACGCCCCACACCGACTTCCTCATAACGAGCTCCGTCGACGGCGTGGTCAAGTTTTGG
AAGAAGGACTTTGGCGGTATAGAGTTTGTCAAGGAGTTCAGGGCGCACAATGGCGAAATC
AAGTCTGTCAACGTGAGCGCCGACGGCCGTAGCTTTGCCACTGCAGGCGCCGACAAGACG
ATCAAAATCTTTGACGTCGTCACCTTCGATCTCCTGGCCATGCTGACCGTCGAGTATACC
CCTCGCGCGGTTTGCTGGCTGCATGGCCGAGGCGCAAGCTTTCCTCAACTCGCCGTCAGC
TCCGAAGAGAATGGTTGGATCCGCATATACGATGGCAGGGGGGAGAATCCGGAGCCTCTG
CAAACGCTCAAGAGTGTGCACAGGGCGTCGGTCAGCATAATGGCATACAACAATGAATTC
GACTGTGTCGTAAGCGTCGATCAAGGGGGTATGGTCGAGTACTGGAGACCCAATGGAAAT
TATGAAAAGCCAGACAACGTATGGTCGCTGAAGAGCTCCACCAACTTGTTCGAGTTCAAA
AAGTCAAAATGTGTGCCCTCGTCGCTTACCATATCCCCCTCTGGGAAGCAGTTTGCCACC
TTTTCCTTTCCTGATCGAAAGGTCCGCGTCTTCGATTTTGCAACGGGCAAACTCTATCGC
ACATACGATGAATCAGTTGAAACCATCACGAGCATGCAACAGGCCGGCACCGCTGTCCAA
CACCTAGAGGACATGGAGTTTGGTCGACGGATAGCCATCGAGAGAGAGCTTGACCAGCCT
ACTACAAGAGGTCGCATGAATGTCATATTTGACGAGACAAGTAATTTCATCCTATATGGC
AGCATGTACGGAGTCAAAGTCATCAACACGCTGACTAACAAGCTCGTGAAGCTGTACGGC
CAAGAGGAATCCATCCGACCGCTATGGCTGTGTCTCTATCAAGGTCAACCAGAGAAAAAG
GGTGTCGTCACGGTCGAAATGGCAGCGAGCGAGAACCCACTGCTTCAAGAAGCCGAGGCG
AGAGACGCCATGCTGGTCTCTACAGGTTCTGGCAAGGTCCGCTTCTACATGTACACCAAC
GATGCCAGCGCTACCAAGTCGACCCGTGACGTACAGAACGAGAAACCTCGTGCCGCTGGC
GCCAATAAACAAAAGAATGATAAAACACTCGCTGCGACGGGTACGACGGCAACACTTCAC
ACTACCTATGGTGACATCACCATTCGCCTCTTCCCAGACGCTGCGCCCAAGGCCGTGGAG
AATTTCGTCACCCACGGGCGCAATAACTACTACAACAACGTCATCTTCCACCGCGTAATC
CGCAAATTCATGATACAAACCGGTGACCCACTTGGCGACGGTACAGGCGGGGAGAGTATC
TGGGGCAAGGAATTTGCAGACGAGTTCTCCAACTTGAAACATGACAAACCCTATACGGTG
AGCATGGCGAATGCTGGGCCAAATTCGAATGGAAGTCAATTCTTCATTACAACTGAAAAG
ACTGTAAGTCTCCATCCCCCCTCCTTTCTTTCTCTCTTTCTCTCTCTCTCTCTCTCTC
TCTCACTCTCTCTCTCTCACCATCAATCACCCAACAATGAGGCGACACGCTGACTGTGAA
TTATGTGTAGCCCTGGCTCGACAACAAACACACCATCTTTGGAAGGGCGATTGCAGGTAT
GGACGTTATTCACAAGATCGAGAACACCAAGGTGTACAAGGAGAAGCCGGAGGAGGATAT
CAAGATTATCAGTGTCTCCATCTCTTGAAATCGCGGGTGATGGGACTATCAACATGATGG
CTGAGCACGAGAAGCAGTTGCTGTATTGCTTTCAAAATGGGGGAATTGTACAGACCCACC
CACTGGTTAGCTTTGATACCTAATCGCACATGAAGGAATGCAAGTGTAATGGGATTGAAC
CAAATGACCAACTTGCTTGACAGATTTGATACATTAATCCATATTCATTCTTCTCCTATC
GATAATACTGCTTAGGGTTCGATACGTGTTCGTTTGCCTTATGGGCCGGTCTAAGATGAA
CGCAACAACTGCTCCTCAAGACGACCCAAGACATCATTCTGTGACACGATGAAACGCCGC
CAAAGCCGTGCGCCCTGAACCCAGACCCGCTATATAATTCAAACAACGCCCGACAGTGAA
ATGGAACTGCACATCATCGCTACCCAAGTTCCTGGTATCATATGCGAATGCATGCGAGTA
CGCCGAAGCCCTCCATGAGGCGCCATTGTCCCCAACCAGACAGAAAGAAAGCTAAATCAA
ACCTATAAAAGCAAACCAGAGTGGCGTGCAGACCATCCTGTTCCTAGACGCCAGTAAATG
TAAAGTTGTGTGCAAACGTGTAGCACTCTGTGCTCTGCGCAACTACTTTGCGACACCCTG
AGAAGGCGAGCTGCGACCGACGGAGTGTGGTGCGGGCGCACTGGTGATGGAGGTGCGCTT
TTGAGCCCTGAGTACATCAAGCTTTTTCTTCAGCGCTCTTTGGCGGCTTCTCATCTGTTC
GAGAACTGTAGCAGTTAGCTGTGTATCCCTCGGAAGACATTGTAGCGGCACTTACGCTTC
TGGATCGAGCGTCGGTCTTCACCATCGAGACCATTGATTTCCTCAGCATCTGCCTTGTCG
TTGGGCGAATCTTCCTCTTCTTCCAAGACAGCTTGAAGCATTGTGATAGCAGTCCAGTAA
TTAATATCACAGTCGGCCAGATTGTGTCCAGTAAGCTCATCAATGGCTGCCTGGCGGCTC
ATTTCTAGGGATCGATCGTATAGCAGCTTTTCGGCCGTGACGCCAGTTGTAAGCAGAATA
TTCTCGGCAGAACCAACCGCAGTCGTAGAACCAGATGCCGCTGACTGATTCTGAGGATGA

CTGGGATGGTCTGCTGGTAACTGCTGCTGTGCCTGCTTGAGTTTGCGTGCAACTATCTCA
GATTTGACGCAGCACTCGTTGAATCGGTCGCGCATCCAAGAGACTACTTGGCCAAGTTTT
GCATTAGTTCGGCTTGCACCGTCAGGACCGCTGTTACGTCGAGTTCGGTTCCAGTAACTA
CCGGTCAAGTCCATGGCCTTGTTCAGCATCGCCAACGTTTTCACAAAAAGTACCAACGCT
TCCTCAGAGATGATAAGAACAGTATCGGGCGTCAGATCATCGTCGTCGTCATCCTCGTCG
TCAATTACATCGCTACTAGGCTTGCGAGCAACGCCAGTGGAGCCGATACCTAGAGCCGGG
TCGCTTGGTGCAACTGGGACGAGCTGGCTGTACTTGACTTCTGCGAAGCCGTAAACAACG
TGGCTGAGCTGCGCCAGATCTTCAATCCTTTTAACCGTACTAGTGTCTTCGTCCTTGCCC
ACCACTTTGCCTCCATCGCCGACCAGCAACATACTGCTTTGCGCAGTTGGATACGCAGGA
AATGCAGAATAGCCCTGTGGGGGAGATACGCCCTTCATGACGGGTGGTGATAGACCAAGC
CCTCGAATGTTGACCATGTTCATAGCCTTGGACAAGGCAGAAGTAGCGGTTTCGAAACTT
GGACGATACTGTCTCCGACTGTATGAAGCCGTGCGTTGGTGGGTAATGGTTGGCTTTTGT
TGGATCTGGATGGCCTTGGAAGGGACTGCGCCAGTGATCGATGTTGGGGACCCTTGTGTT
GTCGAACGTCGCTTCATTGGAACTTCTCGGTGAACGAGACGATCTCGTTGTGTTTGCGGG
CTATTGGCAATCTCGTCTGCGAGTGCGTCGATTTCCACACGGCGCTTCTCTACAAATACA
AATCCCTCGTCAAGCGCGTTGTCTTGTGCAGCTCGTTCTGCCGCTTCTTTCAGTACATTG
GCTTCCGCTCTCTGTGGGATCCGCTCGCGGTCAAAGTGCTCCTTGAGGCCGGTAGGTGTC
GATGCTTGCTCATCGCGAGAATATTTGCGCCTATGGCCGATGGTAGTGGGTGCGGCGGTC
TGATCCTGCAGTGTAGCGGTACGTCCTGGTGCGGTTGCCGCGTTGGTAAGAGTGGGTCGG
CGGTGTTCGCGAGTCGACGTACGTTCGTCGCTAGGATCGGCCGGGGCATTGTTGGCCCTT
CGTGCAGAAAGGTGTTGCGGTGGAGTGCTAGAGAAGTTACCGGAAACGGGTCTAGAGCTG
GGCCGTGAAGGCGGCGTTGTGCCAGGGGCTATCGTCCTGTCTCTGGGCAATGGCGAGTAT
GGATTATCAGCAGCCCTTGGATCCATTTCAACAGGCGCTTTCTGTAGTCGCCTAGGTGGC
TCGATTGGTGGTTCTAGTACAGAGGTTTGCATACGCTCAGAAGCTTGCATGGAGCCAGGA
AGGTCTTCGTCCACCATGTCTGGAATTTCATCACGGATGACCGGGTCTGAGAAGAAATGT
TCATAAGACATGCGCTCAGTTGGCTTACGCTTCAGGAGTGCGCGAATGAGAGTCTTCATG
GCCCTGCTGCTGACGAGACCTTCTGGGAATCGGACCTGATCCTTGCGCTCTTCGATTTTG
CGTAGCAATTCTACGTGGTTGTTGGCCCTAAATGGTGGCCGAGCACACATCATTTCGAAG
AGAACGGTTCCCACGGACCACAGATCAGCCTTTGCATCGTACTTTTCATATCGCAGAATC
TCTGGTGCCATGTAGAGGGGAGAGCCGCAGAGGGTTTCGGCCAGTGAGGTAGTTGGCAGA
ATCCTAGCGAAGCCGAAATCAGCAATCTTGAGCATGGGCAACGAGGCAATGCCAGTGGCG
GGTATCAAGGAGTTTGCGCTGGCGGCCAGAGGCATGCGTTCCAGAGTTCCACTCTGAGAG
TAGAATATGGACGATGGATTGAGAAGCAGATTCTGGGGCTTCAGATCACGATGGATGTAG
TTCTTGGATCGCAGAAACTCGAGAGCGCTGGCCATCTGCTTGGCAAAGTGGCGTACGACG
ACCTCGTGGAGGCCGCCCACGGCTGGGTTGGGGTACTTTTCTATCATGCGCTGGGTTTGC
GGGTGGTTCACGAGATCGGAGCGCTTCTTGATGAAGGCTGACAGGTCGCCGAGTTCACAA
AACTCCATGATAATGTGCATGCGCGATGGCGTCTCGTGGCAGTCGATGAGCGACACGATG
TGTGGGTGGTGCAGACTGCGCAAGATGGTGATTTCCGAGACGAGGTTGTCTTTGAGCTTC
TTGTTCAGCTTGTTCATGTTGACCGACTTGATGGCGACCGACTGCCGTTTCTCCTGTACA
AGGACGCAGTTAGCACTCGATGCATGCTTGAGAGTGAGGGCAGCAACGTACAATGTGGAT
GCCACGATAGACTTCGGCGAAGCTGCCTTTGCCAATGTGATGCAAGCGCTTGAACTTGCC
GATAATCTGCTCCGAGCCTGTGGCAGCGGGTGACGACGTCGACGGCGATGCACCCGACCG
CCGTGGGGCGTGCGGGTTTGGGGGTGAGGCCATGGTAGGCGGCGCTGGCTGAGCAGCCGG
GGCCCGGATGAGGCTGCTGGTGTCTATGTAGCCAGTCGTCAGCTACCAGCGAAGATGTGG
GTATAGCGTGGCCGTGAGGGCGTTGGACATGAGCTATCGTCGTGGTCGGGCTATCGATAG
CGCTGAGGGATGGTCGTGGTGGTGAACGCGACGGTGGCGGCAACGAGTATGCGGGCGCGA
TGGGCAGATGAGCGAGGAATACGTGAGATTGGATACAAGAAAGCAGAGCGGCGGAGAGGG
TTAAGAGATTAGGAGAGCGAAAGCATGCAGCGGGATAGTAGGTAGTGGTCAGTAGGCGGT
AGTCTGAGGCGCGCGGGACGTCTATGGCCGCACGTGCCGATAACGCGTGCTCGCCGCTAG
CTTGGAACCTCAGAACCTACCTTACAACTATCCTACTGCAACTAGGACAACGTCGACCAA
ACTCTGTTCAATCTCCTTGCAATAGCCTCCTGGACACGCTCATCGGGTTCGACGGATTTG
CTTGTCATGGTCCGTGGCTGCCATGGATAAGTTGCAGAGCGTAGAGTATGGGGCATATCG
CTGACCCATAGCCCCTCATTTGGCCGCCGACGTGACCTCCACCAGCACTACTTCGTCTCG
CCCAACTCTGACGTAATTGTCTCGAGGCTGTAGATGCAAGTCATGCTCCCCTGCGCAAAT
GGCCATGTGCATGGTGTTTTAGTATACCAGGCTATCTATTGCGTACCTGCATCCCGCCTG
ATGCGGCTGAGTCCGTTGCCTACAGCCTGACACCCCTCACAAGAGCCCATAGTATGACTG
GCACTATCACATTGTCGTTTCCGCCTGTGAGCACCGCCTCGTTGAGGCTCGCCCCCGCCG
CACATAGACCTGCCTTGCCGACCATGAGCAGTGCGTCTTGTACCCACTCGCTCGTTGTCT
TCTGCCCTGCCTGGCCACTGTCCCACCCAACGTCAAGCCAGACTCTACTCACAACGAGCC
CTATCGACACTGCAAATGCAAATGCTAGGGAGCCCTCGAGTGACTTGCCGCCGGCCCATG
GCCACTTCCGCCGTCCGTAGCGACGGCCGATGAGAGATGCCGCGGCGTCGCCCATGCCAA
CACAAACCACCCCTGCCACCATACTCACATCCCTATCCTTGACATCCCACCCTTGCCATG
GCTCATCGCCAGCCCGTTCTATACCTGCGAGCGATAGCCAAAGCGGTATTGCGCAGCCTA
TGAGGAGAAAGATGTGTGATACTACTACTGGACCCCGGAGATCACGACCGTCTACGTACG
GCGTGAGGAACCTAGCAATGGGTTTCGACAGTGGTGGCAGTTGCGAGGCACGAATCAGAT
CCAGAAGGAGAAATATCGCAAGCACCAACGCAAGGGCTAGTGCGACAAAACAAGGATCGA
TGAAGATGGTCGGAAGAAGCATCGCGACCATGGTGCCATGGAACACCTTTCTGCGCGTAT
CGACTTCTACAACCGCGGAAAGTGAGAAGACTGCAACAAGGCCGGCAATGATAGTTCCGG

CACAGTACAAGCACAGCAAGAGACGTGTGTTTGCTTCGCCTACCACTAAGAAACGCACAT
ACTCCGCAGGTGATAGATGTTGTGCGGATTCGAGCATGTCGTCAGAATCCAGTCTCGTCG
GTAGTGGGACCCACCAGTCCAAATTCCACTGGAACACCTCCCATCGCACGCGTGGTACAT
TGCCGAAGAGGTAGCTGATGGCCCATCCAAACGGTTCGTTGTGGTGGAGAGCATGTTCGC
CGATAGTATACCGAATTGGTCCAAGTATTAGCGCGACTACAATCGCATAGAAGTATCCTG
CGTACAACCACTTCCTCATGGTGGCCTCGGTCGGTGTGAGCGACAGGTAGGACTGCACAA
TTGATCTCGATCGTTTTCGACTCGAGTACTGATGCTTTGATGTATGGTCTTCAGCGACGA
GAACTGGAAGGGTGTTCCTTCGCCTGCGTCCGCTGCTATGGTTGGCTCTTTCGCCACCAT
TCGATTGCTGAAAGCCCGTATTTGTCGCTTCAACCGCGGATCGTGGCTCATCGCCGTCCA
TGCGAAGTCTGCTGTGTTTCGCAGAATCTAGAATGTTGACTTTCAGACTCTTAGTCTTGT
GGAGAGCATTTTCAAATGCAGGATCTTCTTCATCCGCATCACTATCACTCGCATTTCTCA
CCGAACCACTCCCGCCGCGCCTGGAACCCAGGCTGTGGTTCAGGACCTGCAAGAAATTCT
GTCGAGCTCGGATGACTTGGCCAGCACGCCGAAGCCTCCATCGCGGAATGCGTGCAAGTG
CAACACCCCACTTCAAGATCCTGCCGCAAAGCAAGAAAACACCCAGCCCGCCTAGCCACA
GCAAGACAGTGAGTATGGTTGCTTGAGGAGTTTCCGAGAATAAGAGGAGGTTGATGAGCC
CAATGGAAAGCAAATGCAACTCGGCTGGCAAAAGGCTCGTCGTGGTGAGATAGTACAAGG
GCGGTAGTAGCGCCTGATGCAAGGGGAATAACATCACCAGAAGTTCTGGGTCTACACCTT
GGTTAGGCGGGGGTAACTTGAGCTTGTATGGTGTCTGTGCAAACAGCCGAGAGGGTATAT
CGGTGTTCTCTGAAACGATCAGGGGCATGATGGATATCAGCCAGTGCAGAGGAGAGTAGC
CCAAGGTAGCGCTTCTGAAAGGAACAAGCCTGGCTGGTAAAGCGGCTAGTCCAAGCAACA
TGTTGGGTAGAAGGGGCTTTGACGATGAGGCAAACAGGGAGATCGCAATCAGGACGGGCA
ATATTGGGGGGTAGAGGATAGTGGCCGGATCGAAGGCGGCTGGTAGATGTATTTGACGGC
CAAGCCGGAGTTGAGAGTGATTTCTCCATGAGTAGTACAGAAGCCGAAGCGGATATAGCC
CCAAAACGCCAGCCATGACAGAACAGTGTGTCAACAGCTCTACTAGACACAGGTCAGCAT
ACTTTGGCGCAGGCAAGGGATGCGGACTGACCTCTATGCCATGCCAGCAGTTTGGTCCAG
CAGTCGCAACCACGGACAGCCAGGACGGCAATGCCCGCAAGCAATGCAGTCTCGGTCGTT
CTCCTGACCAGCTCGTTGCGCCGCCGCTGGAGGTATCTCTGCCTGGCCGCCCTCGCTTCG
TCGTCGCTATGGTATACGTCTCCCTTGCGTCTCGTCTTGTTGTTGCGAGCGAAGTAGCCC
TCGGAGAGCTTCCTCCCCTCATCGTCAATCTGTGTGGGGGTGAGGAGGGGGCTCGCCCAC
GCCTCTGTGCCCAATGCCTGGGACTCACGGAGGCCCTTGTGCGGTCGCAAGGGAGGAGCA
GGCAGTGCCTTGACAAGGCTGCAGCCCTCGTCGTCGGCCTCGGTGCCGCTTTCACTTGGT
GATTGTGACGGCGTTTTCCTCATGGTCTTGTCTAGGGGCCGAGGCGGGGTTTGCGATTGC
GATTGCGAGTGCAGAGAAACGTCGTGCGCCGGATCTGGCGACCGTCTCCGTAGCTGATCT
CTATGATGCAAGTACGGGTGGGGCGAACGGCGGAATTGGTCGAGTTGTTCGATGTCGTCG
GGCGCAGGCGCAAACGCATCCAAGGGCGAGTCTGGCGGTGCCGTCTCTTGCGCCATCATG
ACCTTTGCTCTGTTGCTTGTGCCTGCACGACTACAGGGAAGTCGCGCGGCACAATGGTCA
AGAGTTTATCGTGGATGCACGCACATTCAAGTCATATGAGGCGACAGTGGCCGAGGGTTG
GCAGCGGTGTTTGCGCTGTGTCTGTTAGCGAACCGCTCTGCCAATTGTACGTGCGGTGCA
ATGCGATGCAGTGCAATGCAGAAATCGCTGCGAGAAGACAAATTGGCGTGTCGAGCGGCG
CCGAATGCAGCGCATGTCGTGTCGAGTTGGCGATCCTCACATGTGAACACGGTACAGTCG
GAAGACGCGAACCCATGCATGACGGAGGTCTTGCTTGGCGTTAGGGTCCGCAAAAAGTTT
CTAGCCAAGACAATTCCTACTACACAGATCTCTTCCGCGCAGGTCAAACGGCAACCACAA
CCATGTCGTCGTCTTTCTTCACCACGCCGGCCTCGCAACGGAAACGGAAGCGCGGCGAAG
TCGCAGCCAGCGCCCCCAAACGTCGCAACACGGACGCGCATGCTCGTCGCTCCCAGCGAG
AAGAGTCCATCAGTGGCAGCGACGAATCCGACGGCGACGGCGCACCCACCTTCGACGACG
ACGAAGACGACGCAGACGGCGGCTCCACCACCTCTGAAGATGAGAACGAGACTGCGGCGG
AAAAGCGTCTCAGGTTGGCAGAGCGCTACCTCGAGAACATTCGCAACGAAGTCGAGGAGG
AAGTGGGCTTCGACGCCGAGCAGATTGACAAAGACCTCATCGCTGAGCGACTAAAAGAAG
ACGTCGCAGAGGGAAAGGGCAAGATCTACAGGTCAATTGCCACCGAGCTTGACTTTGAGC
ATGCATCGCATGCCACCGGCTACTCGGGGCTGCAAAAAGCTACAACAGGATGTGCCGTCA
AGCTGCCGTATGCCTGGACCATCAGCAAAGATCTTGTCGTCGAGAAGTGGGAAATCGCTG
ACCCAAAGTCGTATGCGCCTGACCCCAGCCGACCGTCCAACTTGACGCCGCGCACCACAC
CAAAGAGGCTCCTCTGGCGGAAAGGGAACAAGAACAAAAAAGGCGACCGCGCCTTCCTGG
GCCACACGGGCGAGATCGTATCTATTGCTGTCTCCGACTCGGGAAAGTACCTGGCCACTG
GCGACAAGCATGCTCGCCTGATCATCTGGGACGCCGACACTCTTACACCCCGTCACCTCT
TCACTCGCCATCGAGACGCCGTCCTCTCTCTGTCCTTCCGAAGGGGCACCGAACAACTCT
TCTCTGGCGGTGCGGACCGAGCTGTCATTGTCTGGAGCGCGCCGGAATCAGCATATATTG
AGACGCTTGTCGGACATCAGGACGCTGTCATTGGTGTAGCAGGCGGGCTGGAGCTCAATC
AGGAGACTTGTGTCAGTGTAGGCGCAAGAGATCGCACCGCTCGCTTGTGGAGAGTCGTCG
AGGAAAACCAGCTCGTGTTCCATGGAGGCGGTACGGCTAGACAAAAGGGCCTGGACAAGT
TGCGCAAAGGTCGATTCGGAAAAAATGTTGATGGAGACGAAAAACAGGATGAACAGGCCA
ACGGTGGAACGTCCGACAATGACGATGACCCGCCCATCGCATATGCTGAGGGCTCCATCG
ACTGCGTTGGTCTTCTCGACGCCGGCTTGTTCGTTACAGCATCTGACAATGGTGCACTGT
CGCTATGGTCTGTCAACCGGAAAAAGCCTCTCTTCACATACCCACTCACTCACGGCCGTG
ATCCACCGCTCTCGCCCGAGCAAATGTCCGCCAACGACGACGCCGCAACATCAGTAAAGC
CCGGTCCCCGGCTTCCGCGATACGTGACTGCGCTTGCTACTGTTCCTTTTGCCGATCTCA
TTCTTACAGCAAGCTGGGACGGCTGGATACGCGCGTGGAAGATTACAGCGGACAAGAAAA
GCATTGAGCCAGTGGGCAAAGTAGGGCGCGTACCGACGGTGGAGGACGAGTCTATGGTTA

ATGGCGACGCCAAGGACGGTGCTATCCTTATACGAGGTATCGTCAACGGCCTTGCGGTAC
AAGAGAGGGGAGATAGAGGCAAGGATGGGCTCTGCATCGTAGCCGCCGTAGGCAAAGAGC
CCAGGCTGGCTCGATGGATGTCTGGGAAGGTCAAAAACGGCATTTATGTCTTCGAGGTGC
CTAGAAAAGGCTTGACCAATGGTACGGCAGACGAAGACGAGGAAGATGAAGAGGAGGAAG
CATAAGCGAAAAGCATCTTGCATTGTCAGGCGTTTGTGGATGCATACTAGATACCAATTC
GATCACGCATTTGGTGCCGAACCTTGCTGTCGGCTTCTCATCCGAGATGATTTCCTTCCG
CCCAGCTCACATGTGGTTTGTATGCGCGTAGTGCCTTCTGGAATCGTGTTTGTGTTTCTT
GTTAGGCACCTTGCTCCCATGATCTTGTCGTTGCGTTTGAATAGCGCGTGGCTCGAAGAT
ACAAAGGAGATGGGTAAGATGACCACAGATACACACATGGGCCTACTGCTTGTTCGACAT
CAACTGCGAATGTCTATGCAATGATACGTTATCGTCAAAGGCAGAGGTATTATGCGAATA
CCTCCCGGAACACGCTAAGGTCTTTTGGTGTTGGAATCGAGAGCGAATTCAGTCCTGGAA
GTATACATAGTATTTTGTGATACAGTTTTGCGAAAAAGTAATAGTGTGTAGCTTCAGGGC
AAGGAGGATATTAAACTGCTGTGAAGACAATAATATTCCTGTAGTTTGCAGTACCACAGA
CACAGCGACTGAACAGTCAGGCCGGCATTCCAGGCTTCTAGGCGATCTGTCTACCTGTCC
ACGACCCATATCGCGTGTTGTTGTAGGCGAAAAAGGTTTACGTTCTTTCCTCGAACGACG
TGGGTCCAGTATGCAGCTAAGATAGGCGAACGGCACGCACCGGCCGATGTCGAGAACCCG
CTCCATACGTTGGCTTTGTTCGTTGTTCCAGTTCTGTATTGGAACGATGGATGGGCGTAT
ACTGGACGTGGTTTATACAGCACGCTGTCTTGGTACGTGAGCGCTCTGAAACACGTTAGA
GGCAGCTTGTTCCACAGACATGCTCTGTCGACGGTGACGTTGTTGTCGAATAAGCAAACA
GTCGTCGCTCCTCATGACTACACGTGTCAGACACCCGACTATGCCCTCGTTGGGCTGCAT
GAGCCGCATCGTTTGGGCTGCTAAGCGGTCAGTGAGGCCGCTGAGTTGGAACCACGTAGC
CGGCTAGACAAAGGTAGCATGACTCCCAGCGATGGCAGTACTGCTGCAGGATGATGAGGT
GAATTTAATAGCAATGGCAACGGGCACTGTAGATGGAGTATAGTAGAGCGGCTTCCACAT
CACATCGCAGACATTACATCGCTGTCGTCATCATCAAGCATATCTACTATTGCTTCAGCC
AGACTATGTCCGAGCCAGCACAATCGTTTTCTGCGCACTATTGTCTGGACTGGAGGGTTG
GGCGCCGGCCTTGAAACACGAATTCCTACTATATCGATTTGACGTTAGAGACAAGACCGA
AGCACGACACGACACAGCCGCCTAGTTAGAACCAAACCGTTTCGGCAGCCAGGGTTGACG
CTTTTTCTGCTCTCCTGCCCTCCCCAAGACGTCGCCCGACTGTCCCGCCTGACCACAGTC
TGCCGTGGATTTTGAGATTGTTGTTGTTTACCCATACGCCACTGGTTATAGCGTACCGTT
TTTGTGCTTAGGCAACCTTGGACAGCAACCCATCTCCTGCCCTGCCCCGCGTTCTCCTAA
CATCTTCTCGCGCCCGCACCTGTGCTCCACCTCCAATCCTCCCTTCGCCCACACCGCACC
GCACCTTGCTCGCGCACCTCGGAACCCTGGACTCGGCCATTCTCTAGCAGAAGGAGGCTC
GAGTGCGGTTCCGTCAGCACCACCAGACTCATGCCGTTAGTCATAGCCCATCTCCCCCAA
CGTCGCGCCATGCCCCATGCTGCGTCGTCGCGGCGCTCCGCTGTAAAGTCGCGCGCAACA
CACAGCACCGCGCCGTCGAGCGTGTCCATTTCTCCTCCCCAGCGCCGCTATCATGTCAAG
GGCGACACTAACGTGGCCATCAGACTCCGGAAGGGAATCACAGTCAATAACCACACGGGC
GCCTTCGAAGACGACGACGACTTTACCGACGAGGACTCGGCCGGCATCCAGGTAGTCTCC
GCCAGCGAGGACGAATACACCACCTCGGAGGCGACCGACGAGGAAGACGACGAAGAAGAC
GAAGAGGGCGAGGAAGACGACGACGACGACGAGGAAGACGAAGACGACGACGAGGAAGGC
TCGTGGGACTACATAGAGGACGAAATCAACCCCTCCGACTCGGCCTCGCGTCCACAAGTC
GTCAGCAAGCACCACTCGGCGCAGCGGCACGCTGTCTCGCATCACGCTGTTGCACGCCAC
GTTATTCCCCCACCTGCTATAGCCCCTCCACGTGGACCACGCACAAAGGCCTCGCACCGA
GATCGAGCCTCTTCGCGTCACGCAGCGCCCGTCCCAGATCCTCCCTCGCGCCACGAGAGC
CAAAGTCGTAGCCGCAGCCGCAGCAAACTGGAGCGCACACGCAGGTCGAGGCGGCCAAGG
CCCCAATCCGTCCATCAGGACGCTCTCGAGGTCGAGGACGACGACTACCCATACGGAGCC
CCGCCCCACCCTGGCCATCCTCCCGGCCATCCCAGTGCTGGCTGGGGCCACATACCCCAA
CATGCTCCCAACGGCTATGCGCCCAGCTTGATGTCGGATCCACGCTACCCCTACGGCGGC
TTCCCGGGCGGCGCACAATCGCCCCCGGGTCAGCTGGTGCCCTTCGGTCAAGAGGCACAC
TCGGCCTATGCTCAGAACCCCTTTGCCCCTAACGGCCAGAATCCTTTTACTCAAGGTCCT
CCTTCGGCTGGCGATCCACGCGGCGGTTACTTTCCCGATTACCAGGACCCGCGCCATCAA
GACCCACGCCACCAAGATCCGCGTCAATCACGTAGGGGTCATCGTAAGTCCATGCCGGCG
GCGCCCCAAGCAGACATGATGCCTTATTCACCAATGGGCTACTACCCACCATACGGTGCT
TCGCCCTATGGTGGCATGCCACCGCACATGTATCCGTACGGACATCCAGAGCATCACTCT
CCACCTCCACAACACCCGCCTTCGCACCCACCCTCGCATCCACCCTCGAAGCGTCCTACA
CCGAAGCCCCAGCCTCCGCCTGAAGAAGAACATCATGTCCCCGCTGCACCAGCTCCGCCT
CCGCCCCCACCTCAGCCTCAGCCAGCCCAAACCCCTGCTGACCAGATGCAACTGCAGACG
TTGCAGCAGCTTATGCAACAACAGCAGTTGCAACAGCAACCCATGCAACAGCAACTCATG
CAGCAACCCATGCAACAGCAGCTCATGCAACAAATGCACCCTATGGCTATGATGGCTCAA
CCTCCCCCTCCGCCTCCCGCTCCCGCGCAACCTGATCCAAAGGAGGAGGGCATGCTCTCC
AAGCTTGAGAAACTCTTATTGGGCAAGGAGGAAGAGGAGAGAAAGGCGGCCGAGAAAGCA
AGAAGAGACGCTGAATTAGCCAAGTTCGATCGCCTCGAAAATCTGCTCATTGCCCAACAA
GAGGCTAAAATCGAGAAAGAAAAGGCTAAGAAGGAGGCTGCCGAGAAGGCTGCTCAAGAA
GCTGCCGAGGCAAAGAAGAGGGGTGATGAAGACAAGCTCGCCAAACTCGAAAGCCTCATC
CTTGCTCAGAAAGACGAACAACTCAAGCGTGAGGCGGCTGCAGACGCGGCTCGAGCAGCC
GACAAGGCAGCTGCAGATGCGGAGGCAACCAAGATTGCAGAAGAAAAGAAAGCCGCTGCC
GAAAAAGCCAAGCTGATGCTCGAAGCAGCGCAAAAGGCACGTGAAGAAGCTGAGAAGAAA
GCCGCCGCAGAAGCCGAGGAGACCAAGAAGGCCCATGAGAAGGCTTTGGCAGAAGCCAAG
GCTGCTGCGGACGACCTGGAAAAGGGAAAGAAGGCTGCTGAAGAAGAGGCCGCCAAGTTG

AAACCATCCGACGCTCCAAAGGCCCCAATCAAGTTCAAGGATGCTGTTGGTCGCAAGTTC
AGCTTCCCGTGGGCTCTGTGTAAAACATGGAAGGTAAGTTGTCTGGGTAACAGGTCTCAA
TTTGGAGCTAACATTCGGTCAGGGCATGGAAGAACTCATCAAGCAAGCTTTTCTGCACGT
CGATGTGATTGGCCCTCACGTTCATGAAGGCCACTACGACCTCGTCGGACCGGACGGCGA
GATCATCCTCCCCCAGGTCTGGGAAACCATGATCCAACCAGACTGGGCCATTACTATGCA
TATGTGGCCAATGCCTGAACCCCCGCCACCACCACCGGAACCGCCCAAAGAAGCGTTTCC
TCCACCACCGCCCCCTCCACCGGATGCGCAAGTGTTCCTGTCCAGCCACCTTCCGTTGAA
AGGAAAGGGCAAGAGGGACAAGAGCCAGAAACGCCAATCCCTCCCTCAGGCACATATCGT
GCAAGTGCCCCCTCCTCCTCCGGGTGTCATGCCTGGTCCTCCACCCCCACCGCCGCCTCC
TGGACATCCTGCTGGTGGTTCCCCCCCTCCTGCAGTTGTCGTTATGCCCAGTGGCAGTGG
CAGCTCCGGAAGTTCTCGCAAGAAGCCTGCGCCATCACCTTTCTTCAGATGGGCTGCTGG
CACCCAAGTCAGGAAGAAGAAATAGGCTTGGTCGCAGAGAAACCAGAAATGGTCGACTGG
ATCCTCTGAGGCTGCTGCGAAGTTGAGCGTCAGTGATGCTAGTAGACTCCTTCACGTTTT
TGAACAGTCATGCCCCGTCCCCGCTGCAGCGCTCTTCGGTTGGCCGCTTAAGCGCCGTCT
CGATGCTTCTTTGTTTTTCGCGAGATATACCAGGTACTGTTGGGGAGTCGCGATACGCGC
CTTGATCTTCTGTCATTTGTCACTTTTCTATTCGAGGCTTTTTGTTTTCGATTACAAGGA
AAAGTTCAGATACCATGGTCGTTTTAGCGTCGTACGTTTCGTATTGCGTGTCGCTTTGGC
CTCTGGACTACCCCTTCTGGTTTGGCGTCGGCGTTGCGCTTGATTTTGATTTAAGTATAT
GGCTGCGATGGTCAGTGAACGCACGGACTACCGACTTATGGGACAATCGTGTGGTTGGAT
TGATGAGAGTTGATGATAATACGAGTAACGAATCTGGACAATGAAAGGAATGTTTGTTGA
AGCCATGTTGTATGTTGATTAAGAAATATGATACATATCCTAAAATGCCGATCAGCTTCC
ATCCGTTGCCCAGACATGCATTAGGATCTGGACAGGGGGTTGATGTCGCTAACTTCCCTT
ATCCACCTACGTCATAATCTTTGCGCCCTATCCAAGGAACAACACGATGACCGTTAACTT
CGAGTCGCCGCTCCTGCAGTAGCTCAGAAACCGGATTTCGGCTTTCACTTACTACGAAAC
TGCTGTCGATATCTCATCAAACATTTACATGTTTTGCTTCTTATAACGTCGAAAAGTGTT
TCAATACAGTCCACGCACGAGCTTTGTATCTTTCATCAGGACATTCACTACCCTTCGTAT
TCGAGTGGCCCAATATGTGGAAACCAAGCCCTTTTCTTGGCATGCTCGTCGCCCTCATCA
TGACCGTGTTGGCCGCAGCTGCTGACGAAGCAACGACATCATACACGAGTGACAGCTCTT
TTCAGGACGACTTGATGAACGTCACTAATGAGTATCGTGTGCAACACAATGCATCAAAGC
TTGAGTGGAACACGACGCTATCCGACTACGCTCAGGACTTGGCAGACGGTTGCAAATTTG
AGCATAGCGTACGTTACACCACTTGATCCTAGGCCAGCACGCGCTGCTGAAACCCGGAAT
CGATGTCTCGCTTCCAAAGCGACAATACCCACAGATGGGAGAAGGATCAGCGGCTCGGGA
ACTACAATGACATGTCGACTGCGCTAATGCTAGAGACCGTGTAGGGCGGACCATACGGTG
AGAATCTCGGTTCAGGATATGGCAGCGCAGAGCTTACCGTCATGGCATGGGGAAATGAGA
GCACGAAGTACGATTTCAAGGCAGGGGAATTTAGGTTTGTTCAACTCTCTGTTTACGCCA
TGTATATACGTGCTTACTGACTTTACCAAGCGAGGAAACTGGCCACTTTACTCAACTTGT
GTGGAAATCGACAGCCTCAATGGGGTGCGGCCGCAAAGAATGTAATGGTGGTACCAGTGG
TGGTGAGGGCGATGCTCTGGGGTGGTTTGTCGTCTGCGAGTACTGGCCTCGGGGAAATGT
GGTTGGACAGTTTAAGGAGAATGTGCAGTCTACACCGCAACAGGATGCAGAGTCAAAAGC
ACCAAGCACAGCGATCGAGAAAGTACTGTATGTGTGGATCGGACTCGTCACTGGATGGAT
GGTCGCTGTATGGTTGTGAAGACGTAGCGAAAAATGATGTATCGTTTCTTTATATGCAAC
ACCTTACTAGCGGATACGTGAAGACGGGACGGTTGGTGCCGGGCCAATAAAAACAACCAA
AAGGCAACTGTGACAGTAAATTGTTCACAACACAACGGGCTATCACTTCATTGAATCGCT
GCAGTCGCCCTATTCCTTCATTCATGTACTGCGCCGCGAAGTCCTTTGTCATATCGATCC
TAGATGCATCCTGCTGCCAGCATGCCATCCCGAGAGTACCATGCATGATGTTGTGACCTA
CATGTAGTCTACCGTTAGGCGTAAACGTATCTTCATCACGTATTTGTAGATGATTCTATG
TTTGCTTGAAATCTGATTGACGACCTACAAGTCATCTACATATGTTGATACAACCAGTAC
ACAAGACGGGCACTGTCTCGAGGGTGTTTGCTTCACACTTTCCTACTCTAAGATAACACT
CTACTTCCCAAAGATGGCTCGCATAATCGGCTCCACAACAACTCTGAATCCGATCGATCG
TCGTACCTGCTTGAGATCTCATACTGCACCTAGGTCCAGTCGAAGACTTCGAAATCAACA
TGATACGCAACAGACCACAGACTCTACTACGGACAACGTCTCAATAGCCCAAAGTCCTCC
TAGACGCAATGTCCAGCGGATGATCGAAGTTCGCATTTCCCGGAAGATCACCGTCCTGCC
CGATCGACTGTTGGAGGAGCAACTGATGGTTCCACCTGCACCTATGTACCAGCAACTGGT
TGATCTTCATAGATACCGGCTAGGGTCAGCGAGATTCAGACTGTCGCGGCAAATCAGAGA
TGGAGAGTGCTGGCGTGTGCTTCTCAACGACACTGAAGTTGTGGGCCCTCGCGGTTGTTG
GGTAGCTCGAGGAACAACGAGCTGGCGATATCCTTTTGGAAGTGCCTAGACCATGTACCG
GGTACACAACATCAATCGCAAGAACCTGAACCAGCATTTAGGGGAAATCTGCTATACACG
CATGCTGCCATGAATGTTATGGGATTCAGATACGCGTTGAAGTTCACCACCATCGTCGGG
GATGTGCCCCAACAGTTCGAAGTATCACATCTCTGCGGACACTCTCACTGCTATCGACCG
TCCCATTTGGTGCTTGACTCACATCGAGTGAACCTGTTGAGATCACGATGCCGTGGCTGC
GGTAAGGACAAGGAGGGGGCTGATTACAACCATTGTGTTCATGCCGACCTACCAGGATCG
AGTGGACGACACTGCTTTGGACACGAACAATGTCCCGAATACTGCCCAGAGCGCTTGAAA
CAAAGGACTTCCGCAGCTAAAGAACAAGGAAATGGCTAGAGGACTGTTCAAAGTCATAGG
TACACTCAATTCTGGGCTCTGGTATCACGACTGCTTACGGGCATTACTGCTTCGAACCTG
GGGGATGAATACAGATTACCAAAGCGCACGAGGCTTGCGACGGGAAACAGGAGCGTTTGG
AGGTAGGAAGGAATCGTCTGGTGAAGTGGGAAAAACAAGCGTTTCAAACGCTTGCAGCTC
ATGAAGCAAGGTATCATTGGTTCTAATAATGTATAAATTAGAGTCGTGTTTCAATCAGCT
ATAAGGCGAGCTGTGAGAATGAGTGACCCAGATAGTAGGACCTCATGCCCCACCAACATC

CAACTCCGCCGTGAAGTCTTTCCGTATGGTAAGGTTCTCGTACTTCTCTTGATTCTCGAT
AACCAAACCTTGTTCGTTGGCTAGATGCAGCAAGCAGATGAAGCAATAACTCGTTGAGAT
ATCGGCCATGGTTTGTTTCGGATACACAGCCTGTAAGCTGTTGACGACATCGGTAAAAGT
CAATGAACCATCGACAGCTTTGTTTGCTGGATCGTCGGCGACGTTGGGTTGAGGAGGCCC
AGAGATCTAATATTGGTCAGCTTGGATGCTATGTAAGAGTTGGTTCCATAACTTACGCCT
TCGAATCCGATACCTTTCCATAGCTCGTCCTTCAATCTTTTCACGTCCACCTTCTTTGCG
ACTCTTGCGTACTGCACGTATTCGGGCCGGAATCGTCGGCTTTGTGTTACTAGCTGCGCA
CCAAACGCGTCAGTCTGCGAGCTAGGTAGCATGCCGTCTATTGGTAGTGTAGCTTCGGGT
GCGTCAGGCGGCGGCGAAAAGTGGTCGCGAGCGTCTGCGAAAACGTCCTCATCGTCGATA
GGCCCACCAGGCATTGGCAAACCATCATCTTGGAAGAAGTCGGCATCGTAATTGCCCTGT
ATGTCGTCACCCTCGCCTTCTTGACCTTGATCAGCCCAGTATGCTTCGTCGACGCGTGCT
GGGTCTCCAGACTGTGCTTGTGCACGGCGTCCGCCCTTTCGGGAGTCCATACGTGCTTTG
GGTTTCAAGAAGAGACGCAATAGCTGCTTCGAGTTGAAATGCTTGTCGTCTGGGAGAAGA
TTACGCGACTTGGACTTCCATTGCGCTTTTGGTAGAGATATAGTTGAATTGGATGTTGCA
GGCGTGTAGAGCATATCAGCTAGTGTCTGAGCCATGGGTGCGGCGAAGTCAATCTCGAAG
GGCTCCCTCTCTTTCCGTTTCGTTGCTGGTGTTGCCTTTGCAGAATGCTTGACTCGTGAG
ATACGCCAATGCTCAGGACCTGCCCAGCTCTTCTTAAGAGCTTGATCGAAGTAGGTCAGA
ATATTCTCCTGTTCTTGATCACGACCGTGCATCATAGAGACGCCATATTGAGCACCAGTG
CCGAGTGCACCCTCGGCGCTGTCTGGCTCCTCATCCCCTTCAAGGCCCATAGTGTGAACG
CGAGCCTGTGGATGTTGGATTACTTGACGAGCCCAGACCTCTCCGCCTTCGCCAAAGCCC
GTTTCCGGAGGTAGGTCGAATCCGCCCATGTTCACGTCGTCGTCATCGTCGAAGCCCATA
GGATTGTCGTCATCCAAAAAGAGGCCTGACCGGTTGCCCGCCTCGTCTTCTTCATCTTTG
GCACCGTCTTCGTTGGCAGAGTCATCGGGGGCCTTGAGAAAGGGAAGATCCATGGAACCG
TTTACATCACCAAGGTCGAACGTCTTCATCGAGGGGCACACGTCCTCCCGGTCGAGCTGG
GATAGATCGGGAAAGTACCTGGCAGCCAGGCCAGATATATCGACATCGATAGCATCGGGC
GTCTGGGACTGGTCTTGCTGCATATGGGCGTCTTCGGGCACTGGGGTAGCACGTGTGTCG
TCGGCGGTCGCATCGTTTGCGTCGTCGCTGCTGTCAAAGACGATCCTGCCTCTTCCGTCT
ATGGCCAGGTGATTCAGGAGGAGACCTTTTGCTCCGCCCTCGTCAAAGTCGGCGGAGGCT
TTTTTGAAGAGCGGATCTACTGAAAACTCGAGCTCCATCTTCTTGTTCTGTAGTTGTGCA
AAGGAAGACGCGAGGGTAGCTTCGGCCGACCGGGCAGCCCTCTTCTTGCGCTTCTTCTGG
CCACCCTCTCCATCCTCACCATCTTCGCCTTCGCCGTCGTCGTCGTCGTCGCCTCCATCA
GCGTCATGACCGTCTCTCCGCTTCTTGCTGGCATTCTCTGCGAGTCCGCTAAGCAGCTTG
CCCGTGTCGGTGGCCACGCTGTCGACCCTGCTGGTATAGATCTTGACGCAGCCATCGAGT
GTGCAGCTCGCCTTCTGAAAGTTGACGCCGTCGCCTTCCTTGAGTAGAGACATTTCGTGA
AAGTAATCGATGAGAGCGAAGTTCCACGAGTTGTTTGCGTTGATTTTCTGCCCGTCACGT
CAGCCTCGACCTAGTGGGTGCAGCTGTGTATGCCTACGTTGTCCGTGGCCATCTTCATCC
ATTCCTCGAAGTTGGCCAGCAAGGGCATGACGCCGCGGTTTCCCGGCGTGACGGCGTTGC
CAGTGATGTCTGGCATGTCGTCCTGGTCTTGCGAGGGCGTTTGGGGGCTGTCATGGTCGG
CGCCATGCAACGTGCGTCGTCTTCCAGGCGTGGCAGTAGCCGTCGAGGCGCGCATCGAGT
TGCGCTGGGCTTCTTGCTGTGCATGGCGGCGGATGGCCTTTTCCTGTCGGTCGTCGTTGA
GCGGCACCTTGATGGGTGTCTTCTGCGGCGAGACGGCCGTGTTGTACTTGGTCGTGCGCG
CCATGGTGGGTTGGGTTGTGGTGCTTGTGATGGCCCTGGCCGGAGCGTTGTTTGTTTGGG
CGAATCCGCGCGGGGGTTAGCGCGCTACGACCATGACCTTCCGCATCAACGCGCTCCCGA
GTGCAGACACCCACACTCGCAATATCACGGACGTCGGGCTATTTGCAACCCATGCAGCCA
CCATGGCAATGTACGCGACAGACGTCCAATTAAGCATAGTTTCCGCACCTAAACTCTCCT
TCCCCACAATTCGTTTACTACTACCCTTGCTCCGATGTTAATACGCCGCCCCAACTATTA
AACCTTCGTGTTTACTCGTGACACTCCATAGCGCGGCCTCCATTTTCCGTCAATGAGGGA
TGAGCGGACATCCTACTGGATATGTTAGCATGACGATGCTAGGCCTATTGGTCGCTCGAC
ACTATATCTTAGACGTGCTTCCTCGACCCGCCATTCTTGACTGACATCTGCATTCTGATA
TCCCAACTTCGCCATGCGCCTTCTTAGTTTAGCAGGCCTTAGCTTGACCGCCTCAGTCGC
GAGTGCGACACTTCAGATCGTCCCTGGTGCAACCTGGACAGCAGTGCGTTGCGTCGTGTC
CCATCCGGTACGCTAACTGACGACATCGCTTCAGACAAACACAGGTCAGCACATTCAGGC
TCACGGCGCCGGCATCATCAAGGATGGAGGAAAGTGGTATTGGTAGGAATGGTCTACGCA
TAGGCTCAAGCTCTCCCAGTCTGACACACCGATAGGGTTGGCGAAGACAAAACCAACGGA
ACAGCTTTCACAAACATCAACTGCTACTCGTCCACTAACCTCGTCGAATGGACTTATGAG
GGTGCCCTGATCTCTCGTACTGCATCCGGCGATACAGGACCCAATCGTGTCATCGAGAGA
CCAAAGGTTATGCACAACAAGCAAACAGGCAAGTATGTTCTATGGATGCATATTGACAGC
GCCGACTATGGTGAGGCCAAGATCGGTGTCGCTGTTGGAGACAGTGTCTGTGGAAAATAC
ACGTATTTGCGAAGCGAGCGACCATTGGGTTTCGAGAGTAGAGATTCAGGCGTGTTCGTT
GATGACGACGGCAAGGGTTATCTACTCACTGAAGACGTAGGCTTCTCTTGTTCAACCATC
AGCACCCACATTACTGACAAGAATAGCGCAGCAACGGCTTACGTATCAACGCACTCTCCG
ATGACTATCTCAACATTACTAAAAATGTCTACGTCTGGAAAGAGAAATATGAGTCCCCAG
CCGTCATCAAACACGAGGGTGTATACTTCATGTTCGCTTCACAGCTCACCGGATGGAACC
CAAACGACAACTACTACAGTACATCAACGGCCCTTTCGGGACCATGGTCTTCGTGGAAAA
AGTTTGCAGACTCAGGATCAAACACGTACGCTTCTCAAACAACCTTTGTATTGCCTGTTG
GGAACGGATACGTATACATGGGCGATCGATGGCAGAGTGAGAACTTGATGAGAAGCACAT
ACGTGTGGCTCCCACTTCAGATCTCCGGGACTACCGCCAGCATGAAGAACACAGTCAACT
GGATTCTCGACCCCAACTCTGGGGCCACTACCTCCGGCCCCGAAGAAACCTCGTACGAAG

GTGAAAGCGCAAACCTTGCTAACGGTGCCAAATCTCAGGCCTGCTCTTCCTGCTCAGGCT
CCAAGGCAGCTGGGGTACATTGGCGGCACCACGTCCGGCTCGGCCACATTTCCCAATATC
CAGTCTTCAGCAACGACTCGCACGACGATGAGGATCAAGCATCTCAACGGTGACAAGAGT
CAAAGGTATGCAAATATTAGTGTGAACGGGAAAACGCAGAAGCTAGCATTCCTGCCCCAT
GGAGGAGGGGATCCAGCCAGCTCGGTGATACACGTCGATTTGAAGCAGGGTACGAATGAA
GTCAAGATCAGCGGTATTGATGGAGGTTGGGGACCAGACATCGACAGGATCTTCGTTCCA
GTTAGGTGATTCATCAAGGCTTGAGATCCATGTTTCATACTGCCCAAAGCGTTAGGCTTG
GTACAAGAGGGGAGAAGATTTGACCGTGGGCTCCGAAAAAGACAGTAGGAGATGCGTGGA
GTACCTGGGTATGATCCCAAGCATGATAACTTGAATGGAGATTGGAAAATGTTTGAATTC
GCAAGTTTCCATTTAAACTTGGTGATACGAGCTGACCTGCAGCTGCTGAACGAGCGAAGG
TATATATATACAGCGTTTGCGTCATTGTTACGTTAGGTGAGATAGGGCCCGTGAAGCAAC
ACAGGAGACTAAGAGATGAAATACTTTGCCTTCACGCTTCGAGCAGCAGCACCCTTAGCT
GCCGCACCCTTGGCAGCAGCTCCAGCTCCAGCCGCCGCACCACCGGCTGCCATGTTGCTC
ATGACGAACTTGGCAGCCTCGTTCGCATTAGCACCATATGACAAGTGCGGCGCCAGGATG
ACAGCCTGGCCCGCACAGATAAGATCGCCAGTTGCGCAGATGATCTTGGTGTTTCCGGCC
GCGACTTTACCGACAGGCTTGCCGTTGTTTGGGTCACCAAAGATGACAGCGCTGGACACA
AAGGCCGAGTCCTGGGCACTAAGCATATCTGCTGCGTTATGAACGAGCTGTCCACCTTGT
CTGGTTGTTCCGTTAGGCTTCATAGTCCTCAAATCCTGTTGGAATTGCTTGTTACTTACG
AGTAGCCCGCCATAACCAGTGTAGTGTCTGGGCATTGCGCCCTGACCTGTCCAACCATCT
GCGCCATGAGCTGACTGCCTCCTTTGTCACCACCAACAAGGAAGCCTGGAACATCTGCTG
GGTACTGGATGCCTTGTACGGCGACGTTGGCAGCACCTCCCATCATGGCGCCGAGGGCCG
TGACAAATGGCGGGCCCGCAATGCTGCCCATGTTGCCAAGTTCGGTTGTGCCACGGGCGA
AAAGGACGGTCATTGGTTTGCAACCGCCGCCATTCTTCACGTCGTTCTGAGTGATCGAAG
TAAGGGCGGCGAATGCGGTGGTTGGGAGGAGGAAGACGAGGGACTTCATGGCTGTAGAGG
GTGTGGCTTGATTCCGTCAAGGAATTTGTATTAAGATATTACAAGTATGTGGTGAATGTA
GATAAAACAAGTACGGGTATCTTGAGAAGTGAAGTAGAGATGGATGGGCTGCTGTTCATC
TCATGAAGCGAATGACATGTCTTCTTATAATCTGGCCCAGCAGAATGCCATGGTCAACGC
TGAACAATTAACCACCGCTTTTCAGGAGCTTGAACATGCGATGTACACATCTGTCATGTT
TTCACTTGCTTTTCGAAAAGACATCAAACGTCATGCCAGACCACAAATAGTACGCATACT
GGCGGTCAAGGGTGTCGTGCGACATATTCTACGAGCCCTTCCATGTCGAATCGAGGCCAT
CGGGAACGGGATTAGGGTTAGAGCTACAGCCTAGTAGCCGCTGTCCCGGTATACCTAGCA
GGAACTGTGACAAAAACTGCCGAGGTCCACGGGTGATGCGCAGCATGGATACTCTAGATG
ACCGAGGCGGCGAGTTCCATCTGATGGGGCTGGGTGTGAGATGCTTGGCGTTGTTTCCTA
TCCCTGCGATTTGATGCTTCGCTGTCCGCGTGACTTGACGTCAATGCGGCTTCAGACTGA
GCTCAGGACGTCCAACGTTGTAACCAGACTATGGGGAAACGGCGAGCCAATCGCATCCGA
CAAAGATGTTCGGCTAAAATCACGTCTCATGACTCTGAGTTCTGTCGCACCGTGTTCACA
TCCTGTGACTGTTTCAGCAGCCCGTTCCATCTCTTCAGATCCCGAATCGTCATGCGTTCC
AGACTCAAGGCCAAGCTGCGTTCCAAACCTACGGTCGCACAGCTTCCCGGAAATACCGGA
TCGTCGCCAACATGGCTCGTTCAAAAGTCTTGGTGAGCTTGTCCATGCGACATGGTGTCT
GCGAAAGCATCGTAGCTATCCAGATGCGGGCGAACGAGCACGCCTTGACATTTGTGCCGC
CAACGTCACTGTGGGAAAACGCTTCTCAAGCTGATGCATCGCGCATACACGTCGGGATGA
TTCGAAAGGGCTACGCTGCAGAGACGCTGAAAGAACAAGAGAAAAGGGCTACGATGCAGA
AACACTGGAATCGCGAGGAGAAAAGGGCGACGTTGGCTACTTTGGTATTTGGCACCACCC
CGCCTTTGCCCCAAGAGGAAGGTACTAGCGACTTGTGCAATATCCCAGTCCATGATCTTT
CATTGTATAACTAGCTCTAGCGCTGCGCAAGAAAGGTCTTCCAGTAAACAGTTTCAGAGT
TCAGGTATCGTAAGTGGACGCACATCATGCCTCTTGAAGTCCATCGCATAACCTCTCCCA
CCGACTTTGACGAGTTCGTCGCCATACAGATTGCTGCCTTCGCCAACGGCGGGGGTATCA
CATCTCTGCTCACGCCAAATCCTATCACAGAGGAGTATGTCCAAAAGTCTGTCGGCAAGC
ACGTCAAGTCGTGGAGCGAAGAGAAAGATGTTATTTACCTCAAAGTCATTGACACCGATC
TCGATGGGAAAATGATTGCAGTCGCCAAATGGCGCATCAACGAGCAGGAGCGAAGTGAAG
AAGAAGCCAAGAAGATGTATCCGGTACCCGACGAGAAAGACAAAGGACAACAAGGCTTGC
TGGACTTCATGGCCTTTCTTAGTCGAGTAAGGAAAGAATACATGGGAACAAAGCCTTTTT
ACTGTCAGTGCCCAGCCAAACATGTCGAGATGATCTGCTAACAAACACTAGTTTTACACA
TCCTCGCAACGCACCCAGACCATTATCGTAGGGGTGCAGGGGCCATGCTGCTCGATTGGG
GTACCAGGCAAGCGGATCGCGCAAGACTACCTGCCTTCTTGGAATCGTCACCAATGGGCA
AGCCGTTATATGAGAGAATGGGATTCCAAGCCAAGGAGGGTAAGTCGCGACAAATCAACT
GCCTTCGGGACTGTCACTGACTTTGTGTTTTCGGCATTGCAGTGGTAACGTGGGATCTGA
CACACTATGGGTTAGAAGGTACAGATTACAGCACAGTGATGCTTCGGGAGCCCATTTCGT
AGAAGTTTCTGGGTTTTGTAGCACGAACAATGCCAAGAAGGCAACAATCAGGTTTCTGAC
TGTGTCGACCGGTGATGCATCTCATGTCTTACTCACACCACCCGTTCTTTCCCAAACCTA
ACTTTCACATCCAAGCCTCTCTTGCTCAAGTCCTTCACTCTCCTTACAAACTCCAGTTCC
TTTCCACTCTGTTCTAGCATTGGATTCCTCCCTATGTCCTCCAATACAAGTTCGTTCAAA
TCTTCCATTCTGTTCAGTGCTGCGAAAAAGTGCTCCACAGTATCTCGACTTTCTTTGCTC
TCCAGAATGCTCATGGCTGGCTGCACAAGGGTGAGTGCCTTTATCTCGGAGGTAGCTGGT
CCTGCGCAAGAAAAGAAGACAATCGCAGTCTGTAGGCCAAGGATCCGTATAGGGAACCTG
GAGCACATATAGGAAAGGCATTCAGCCCGAATCTGGCGACTGACGCGAAAGAGAGGAAGG
TTCAGCACCGACACGGCAAGATGCTCCGGTTTGGTGCAATTTACGATCACAATGGAAGAC
AACTCTGGGTAGATAGCCATGGCGTATATATGATTGCGTATCTCGCCTGGTAGTTCCAGA

AACGCACAATCCGTCTTTTGGGGCTGCACAGAGTCAGCTGTCTGTTGTACCAAAGCGCTG
GGTATTTTTTACGGGCGATGCTGACACGTTGCCGCTGGGTCGTTTGTGGCGCAACCATTT
GATCATCATTGTTTCTATTGTATAGTCCCCCCTGGATGTAGTAAGACGAGGACGGATCGA
TGCAGCGCTCCTGATGATGGAAACGCGGGCGGGTAGCGCCTTAACCCCATCAGGATAGCT
CACCTTGATAATCGTCTGGCGCCCAACACAGCTCTTTCATCATACCTGCAATATCGCGCA
AGTGATTAACTATAATATACAATTCCATTGATCACGTTATATGAACACATTGTTGTGGTA
GAAGAATCTAATTCAGACCCATGGCTTGCCTATGTATTGTACTATTACCCTTTCCACTCC
AGCTGTGCCACATTCATGCATATGGCCACGAAAATCCAAAACAGACCTTGCAAAATATAC
TACGTTTACACGTTTGTCACCTTGTAATCTTTGGGGTCGCACTGATTGGGATGTCAGGTC
GACCAGTCATTCTAATCCTCTCCCTTATCAACCTCTCCGTTCTGCTTAGTGACCGCACCA
GGGTGGTAGGTCCTTCGACGTCACTTCTCCCAAGATCATCTCCCTCATTATCTCTCTTCG
CATAAACTCGAATGGTATGTCCAAGTTTATGGCTTGGAGTCGGCGGCGCGAATGGAGGTG
GGACGGAAGGGCTCTGTATCGCCAAAAGCAACGAGTCAGCATTAGCGCTTGTCTTCAAGT
GCCGATCTTGTTCAGCGTCAAGCCGGAGTGATTGTGCTGCTTGGCATGTGGGTGACTGTA
GGGCGATTGAGCGACCATGGACTTGTTGATTCGCGAGCTTGGAATTATGGTTGTTACGGC
GACGGTAATAGACTATCCCAAGTAAAGCTGCAATAATTGCGAGAATTACACCAGCTGCTG
TAGCCAGGTATTTGCTGTTCTGATCAGACCTTGGAACCATCAGCCTATGGTTTGGAGGAT
AAAGGTCCCATACGTACCATTGGTAGTCACTCTTTGGGATACCCTGGCTTGTCTCAGTGC
ATGCAGGGGTCGCGACGGTTGGGTGATAGACCAGGCTGGATGCGACTGTCGTTCGTACAG
CCGCTGAACTCATGGTCAACGTGGAGATGAACATGTTCGTCTTCGCTGGCTTTGGAGATG
TACACATATTAACGTAGTAGCTGTGGATAATTTCATCGTCCTCTTCATTACATACATGTT
GACAAACCACTCCACCCGTATGGAGGCTGCGCAGGTAATCGGACTGACACACGCAGTTTC
TGTATGTGGACAGATCGGATATCGGAGCCGCTGGTGGAACACCGTTGCCTTCAGAGATCT
CCAGGATACGGCATGACCTCGCACATGCTGGTAGTAGATCATAGTCAAAGAGACTTATGT
CGTGATTCTTGCTCACTCTCGTGAAGCGATGCATGGTGAGTTGTTGGTTGATCAGTGACC
AGGGTGTAAGCTTCCTAGAAAGGCGTTCCCAGTCGGAGACTGTGATAAACAGCGCGTTTC
TGGAACGAACACGGTGCAACCTTTAAACAAGCTTCACTTGCTGCTGATTTCACGAGGTCT
TATAAGGCACTCACGGCCGCCTCCGCCGCACTGCCGCAACCTTTGCTCTTTCTCTCTAGC
TTCCATGTTTCCGCTTTAAGCACACATCTTGATTGACATGCGACTCTTCGAACAAGAACA
TCACAAACCCAGGTAGCAGTTGAAGAGAAGTAGTCGAGTGGGCGGAGAAAGACTCAAGTC
TGGCAGGCGTTCTCAACGAGCATACTTGGAGGCGCAGCGAAGCCTTTGATAATGGCCTTG
TTAGTGGCTCTCGCGGGGATGATGATGACGATGACGGATAGGGCCTCAGCGTGGAGAACG
GTGTCAGAACTATGTTTGGTGTGCTTGAGGGCTTTGCTTCGCAGGAGTAATTCTTGGCAA
GCATTTGCGGAGTTCTCGGGGGTGCCAAGATGACGTGGTGTTTGCATCGTTTGCATCCGC
GCCAGAACTTTGGGGAAACAGCGACAGGGAGTCTGCCACCATTAGCACCATCACAATGCT
CGCACGCACACATGTATCTCCCCGATTACTTTTGAGGGCGCTCGCACGGCCTCGTGCTAC
AACATGCTCTGTACTCCACCCTTTACCAGCGTGCCCTCGACGTGGAAAACGCACAAAAGC
CAGCCGACCCGATGAGACGGAGAAGGATGCGACGACCGGATCCAGGTCTGCGATACGGGA
CAAGCTCAAAGGCACAAAATCCGTTTTCGAGAACGATGCGGAAACGGACAGGCTTATGCG
CCCGCTGTCCGACGCCGAACTCGAACGTGACGATATGCCCGTCATCAACTGGTATGAGCA
GGACTTGGACAAAGGCACGCCACAGCGTCTCGTTGAACGCTTAGCCACACCGGAAGATCG
CAAGAAAGACAAAGAGATGTACATGATGATAGAGGAATCACAGAAGAACCCGGACTACGA
CGACGCAAGGCTGAACCGGCGACTGATCGACAGCTTACTGGCTAACCCAAACTTCGCCGA
ATTGACGGACGAGCTCAAGGATATCAAGGAAGGCATCAAGTCGAGGAAAGAGCTCCAGCA
ATTAGAAGAGCAGGCAGCCATCGAAGCAGGGAAGGAAAGCAAAGAGTTCAAGACTGGCCT
ACGGACGGCCACACTCCAAACTCTACAAGACATTGTCAGCGATCCGGATATCGGAGATGC
GAAGGCTGACCTCCAAAAGTGCATCGACGAGATGCCAGATGTGGAGGAAATGGACAACCC
CGATTATCAAGCCATGCTGAACAAGGCAATGGACAAGCTGGGGGCCAACGAAGCTATGCA
GAAGAAGGTTGCTGCTATGAGCGAACATCTCGATAGCCCGAAATTAGAGACTGAATGGGA
GGAGTACCAGAGAAACACAGAGGACGCTATCGCTGAAGCTGAGGCCCCAGATGACGATCT
CACCATGACAACGCCCGAGGACCTGCAGGATGTGGATAAACTCCTACATCAGATGCGGGA
TATCATGAAGTCGCTGGGTGGCGACAGCGGCCTTGAGTCTGAACTTGATGCAGCCCTCAA
TGAAGACTCGTCGTCGAACCAAGATCAAGACGGTGTATTCGAACGTGAGATGGACCCGCA
AGAATTAGCGGAGGAGATCATGAAGTTTGCCGAGTCGAAGGCATCGCAGCCCCAGCAGCT
TGTGGAGGACGAGGAAGATGTTCCCGCCGAGCTACAAGCCAAAGTTGACGAAATCATGAA
AGACCCCAAGTTGATGGAGAAGCTCATGTACATTCAAAAGCTCATCTCAGAAAACAAGCA
ACAGCAAGGTGATCTTACTACTATTGCGCACGATAGTGCACCTGATCCCTACCAACTCGA
AGACGACCGCACTACTACGCTCAAAGAACGTATGGCTGCCGCCCTCCAGGATCCAGAACA
CTCTGCCGCCCTCCAACGACTCCGCGTTCATCTGCCCCCACCTTTTAACATCTCGCCCGC
GCTGAAGTCTTTCAATCAAGCCATTGAATTCGCATACATCGGCGCAAATGACGACATCCG
CCGGATTCTCTGGCGCTCGTACCAAAAAGCGCGATCTTTACCTACCTTTCTCCAAAATAT
CAGTGACGAGGCCTGGGATATACTGTATTACTCCCAGGCGGTCACATGGGGCAGCAACCA
GAACCGTGAGAACCATCTCAGAACCTTGCTAGCAGATCTCAAGAGCCTAGGGCGAGACGG
TCCACCCACACACCCTAGTTCACTTGTTAACGGGGGTGTTGAGCAGATGGACACATGAAA
TGCCAGAGATTTCATAACGATGTATTGCTGTACGATATGACGACATGTATATGATACCCT
TTGAATACATAACACTCCAAAGGCACTTTTCCAGAGCCATTCTTCATCCAATCTGACATT
GTATTTTGTACATAGTGCTAAGGGCCTACCTTCTTGCACCTATGGCATCGATGATATGCC
AGGAGCTACTATAAGCCAATATCTGATCATCTCCAACTCACTGAGACCGTAGCTGTGACC

GTTAACACTTCCGCCGACGCTGTTTCCGATTCTGACAGGTATGAGTGAGAAGGCGCAATT
ATCTCTTGCCTTGTTCATCGGTACTTCCCGTGAAAACTTGTGTGAAAAAAGAAACGGTGC
TATACTACCTTTGCACAACTCTTGTCGATGGTACCAGTCACTCCGACACTATACGAACCT
CTAAATCTCCATTCAACTGCTGCTAGCCCCTGCTCTCTCATACCAGCTCTCATGCGAGTA
ATCCTTCTTCGGTCCCTCAACCTCGTATCTGATCATGAATCGCTCAATCTTCGCACCGCG
AAACTTGAACTCGCAGTGATTGCGGTACGTATCCGGATCACACCAATGATAACCTTTGGC
CATCCATCCAGACTTGTTGTCAACTGGCGCGTAGAACCCCCACGTGTTGAACAGTGCTCC
TACACTTTTGTTGTCATCTTTAGCAAACCATGCTGTGATCTCGTCGCGTATCTCATTGTA
TCGATAGATGTAACGGCGAGTCGCAGGAAAAGACAGGCCAGTATCCATGGTGAATGTGCC
TTGTTCGACGTACAGGTATTCGGATATGTAAGTGGTTGGATCGGTAGATTGGCGTGGGTG
GAAGTGTGCTGTGCCCACAAACACGCCGCCAGGTGTGTTGGTATGTGAGTCAATTTTGCG
TGTCATGTTCCACACACCTTGCATACCTGTAAACACTGCGGCAGCAACGAACCGAGCATC
TTCTTGGGAAGCCTGGAGTACCTTGGCAACGTCTTCGACTACTTCCTTCGCCTGGGCATT
GGTACCTGCATGGTGATAGCGCGATGGAAAGGTAGGACCCGTTTGGCCGCCAAATAGCGA
GTCGTCGCGCGAGGCGCCTGTTCCTCGTGCAAATTCTTCAATCAAACCAACGTAATCTGC
CATCCAGAACTGAGGTACCTGTAGCGATTTCTGGTTCATCGCTTCTTGCATGCGTTTCGT
GTCATCGTATCTGTGTAATTCGGACAATAAAGACGGCAGCTGCTCAGAATCCCGCTTGGC
CCAGCTTTGAGCAAGAAGTCGAGCTTGCATCTCCATCACCCCCCAATAAGGACCCTCATA
GAAGCCCACAAACCCAATTGTAGGGACTCGCTGAGAGAACACCGACCCACGGGAAAGGAG
ATATGGTATACGTGAATTTGGTGCGGTGCTATCGTCGGCAAGAAGGCCTCTGACGCAAGG
GTCAAGCCAGTCCAGGTCGGCTTTGTAGCCGGTAGCTTCGATGATACCCACGACGTCGCA
GATCTTGCTCTGGCTCTGTAAGCTATCAGTATCTTCGTCACTACTGAAATTAGGAGTAGT
GTAGTTACCTTTGGCTCTTTCCCCGATCCATGATACCAGGGCTCGTACTGCTTCAGACCA
ATGTCTAGGGAGACACCGTCACTTGCCTGTGCAACACTGTCAACCCATCCTCTTACTGGT
ACAATAATGCCACTTCTCACAAACTCCATGTAAGTATCTGTAATGCCAGTATATCCGGGG
TGCTGTGTCTGGCTTGGTGCGTATGCGAGCTCGGCGTGTCCCACGTCGCTCAAGTCGTAT
CCTATACTTGCTCTCAGGAATTCGTGTCCTTTATTCGCTTTTTCGGGTGGCACTGTAGAG
ATGGCTGCTGAAATCTCTCCATTGCCACGGCGCGAAAGATTGTAGAGAACCAGATCCAAG
GGAAGGAATCTGGGTGCTGGGTTGAAGTTTCCGTCTTGGTCCTGAGGGTCTTGAGGAAGA
TGACGAGGAAGACAGTAGAAGGGACGGTTGATGATGTGAAAGACCCTGCTTTCGGCATGC
GTAGATGTCTTCTCACTGGGTGCGTATTTCGCGTTCGAGATTTGGAAAGCAGCCTGTGCG
GCAGCTTCTGAGCCGCTAATACCACCCCCGATCACGGCCACCTTTCCGGGAGAACTCGTC
AACTCAGAAAGAGACCGAAATTTTGAGGAGTGCTGGATGTTTGGAAGACTTGTAGAAGGA
GTAGGATCGAAGGTACCAGCTGGCTTGTTGAAGAAACCACTAGCCACAATCAATCGGTCA
AACGTACGGGAGTCTAGCTGGCCGGTACCGTCGTCGCTGATAACTTTCCAGGTACGATCT
TCTTGCAGGGATGCCTGGACAACCCGCTTCCCCAGGAGCAGATTATCAGTGATGCCAAAG
CCTTTTGCGTATGCTTCAAGATATCGTCCCACTTGCCACGCTCTAGGGAACATGGGCGGA
GCAGCTAGTGGATGCACAGCGGGTCTCGAGAGATCCAAGTCTACCGAAGTCCAAGGCAAA
TCGGAAAATGCAACTGTATATCTGCTCAAATTGGTCCGCATCTCTGGACTGCATTTGTCA
CTTGGTCCTCCATGTCCATCTCTCCACATGCCACCTACGCGGTCTGCTGCCTCATACACG
GTAACCACATAGCCATGCTGTTTCAAAGTCCTCGCAGCAACTATCCCTGCAGGCCCAGCT
CCTACAATGCAGACAGACTGTTCCTCTCTATGGGCAGTCATCGCCGGCTGAGCTGCGTGG
CGGCGAAGCGGGGGAATGACCAACGGAGATATGGGCGGGTGCCAAGCACTCAAACACGAA
GTGCGGCAGCGTAGAGCTTGGGGCAGCTTTGAGAGAATGATGATTAGCAGATCTGCAGAG
AGAGTGAGGTGGTGTTGAGAAGTCCGATGCTAGCCTGTGATACGCTAGTGAGATGCCCCT
CGGAGGATCAACCAATGAGAAAAAAGGTTCAGCGCAGGACATGATGGCAGATGCGGAAGG
GCGATTTTGAAACAACGAAATCTATTCAGTGAGTACTCCAGAGTTGATCAGAGTCCCTTT
CATGGTCTGGAACTGCGTCTTTCCATACTATGTAGGTGTTAGTGAGCGACTAGGTCATGT
TGTGTGTGCTTTGAAAGCGGCGTACCGAAATCAGATACCGAATGTGACCCTGTATCGCGA
TTAACTTGGATATCGAAGGCGAAGGAGTGTAAGCGTACGAGATCGGTAACAGAGCGATGT
TGTTCAAATTCTGATCTTGCGAATTGCCGCATGTCCTTCCGTGCTCCTACATCGGGTATG
TTGGAGGTACTGCGGACTATGTCTCTCCACAATGCCAACACGCGTTGCCGCTGAATGAAC
TATATGACAATCAGCAGGCGTTGCATAGTGTAAGTCATGTGTTGGACAAACGTACGTGGT
CCAGGCCCACAGGACTCTTTCCTCGTGCTCGTAGCCGGGACGGAGGCTTGGACGCTACCG
TGGCATATCTTCGCAGCATTCCCTCGGTTGTATGTGGAACACTCGGATCAGCTGAATCTG
ACAATGCGGATGTGGACACGAAAGTAGTGGATGGTCGACTGGATGAGGCTCTTTACAGCG
ATGCAGGCTGACGTATCGAGACGAATAAGCTAGGCTATGATGATGCTAGTCATCCAAGGA
TGCGCGTGCAGGATCGGCGCCCCGAAACGACGTGCTCGAAAGGACACACAACTGGGATGA
GTGACTACCGGCACTGATTCCAGAAATGGGCGTCGAGTGTACTCACGCCATGGACCCCGT
GTCGCGTCTTCCCCACCAGACGCGACGCCCAACCACCAAGCCCACGCATCCGCAGTCAGC
CCGATACCCACGTTAATCCGTCGCAAACAACGCGAGATTCACGACATGGCGCACGTCGTC
GCACGCGTACAGGCAGTACAGACTCTGCTGCGAGAAGACGTATACCTGAGCGCATACGGC
GCGCCGCATCTGCCATGTCCGCTGTCGTTCCAGTTTGTCCCGTCGGCTTTCGACCTCACC
AAGGACGAGCTCGAAGCTTGCCTCAGCCTCGTCAACAAGACTTCGGGACACGACTACAAA
GCATCAAGCGTTGGCTGGAACCCGCGCAAGAAGAGAGGGGAAATGCTCGACGGCGAGATG
ATGTATCTCCTGGTGCGTCGCCGCCCTATCGACACGGCTGGCCAGGGTAGCATGGAGGGC
ACCAGTAGCGACGACGGCATTCTTGGCTTCACCTCCTTCATGTTCACATACGACGATCCC
CCGCACCAAGACCGCCAGGTCCTCTACATCTACGAGATCCATCTCGAGGAGCAGCTGCGC

GGACAAGGCCTTGGACCCCGTCTTATCAAATTCATCGAGAACGCGGCACACGCATGCCAA
ATCAAAAAGACGATGCTTACCGTCTTCACCGCGAATAAGCGCGCAAAGAGAATGTACGAG
AGCCTGGGCTACGCCAAGGATGAGTCTAGTCCAAACGATAGGGTTACGAGGAACAAGGTC
ATCAAGGCCGATTATCACATCATGAGCAAATCAATCGATTGAGGATATTCATTTAAAAAA
AAAGTAAGAATGCTAGACAGTCTATACACAAAAGCCGAGTGCTGTGTGGTATCTTGGAAC
GCCAGATTGTGCAAACAAAATCATCATCCAACCAGTCAAACCCCCCTCTTCATTATCTTT
CTGTTGTCTAACCTCTTACTTTCCGTTGTACCATTCATACACTATCCCCACAGGCCGCAG
CACACGAAACGACCCCACTGATTTCGCTTTGTACCCTCTGGCTTCTTCCCACTCGTCTCT
TCCTCCTCTTCGCCAACGACGCGAAGGAAGACTTCGTCCAGGGTGGTAGGCGAAACAGAG
TAGTACTCCAAACCCAACTCATTGCGGTTGGTCTCCAGCAACTGGATAAGACCAGGAATG
CCACCGAGGTCGGATGCTGAAGCAGCCGAAGATGTGGTGTTGACTTGATGAACCTCTGCT
TCGGTAATCTTACCAGTTTTCGCATTTTCAGCATGTGCGGGCAATGCAGTGGATTCGGAA
GAGGCGGCTTTGAGAACTTTGAATCGGAGTTGTCCGTGGCCTCCACCTCGCGAACCCCAT
TTGTCAAGTTGAACACCAGGAATCTTCCTCTGGACCCATTGCTTAACAGTCTCCATCTCT
TCTTCCGTGGTTTCGGGCGCAGATTTGAGAACAAGCTGTACGACCCAAGCGTCGCCGTAC
TGCTCTCCTAGATCACTGACAGTACCCAGGGCAAGCATCTTGCGCTTCATGATACCAACG
CGGGTGGCGAGTTTGTCTGCTTCTTCCATGGAGTGAGTAGTTATCAACAAGGCGCGACCA
GGTGCCGCAACTCCGAGCAAGGTACGCCACATGACTCTTTTGGCAGCTGCATCCATACCA
GAGGACGGCTCGTCCAGCAGTAGAACCGATGGGTTGCCCATCAAGGCGATGCCCAAGCTG
AGCTTCCTCTTGTTGCCACCTGAGAGTTTGGATGCGAGACGGTCGTGGAAGCGCCCCAGA
CTGGTAGCTTGGAGAATTGCCTCGACACTGGCTTTGGGATCGGGCACGCCGCGAGCGCGA
GCGTAAAAATAGAGATGCTCGGTTACCGTCATGGAATCCATGGCATCAAATTGCGGACAT
ACACCGAGATGACCTCGTGCCGCTGCACGCTTGCTGATGATGGAGATGTCTTCGATCAGA
ACATCACCACCGCCGTTGATGTGTGTTGTAGGGTGTATGTCGCCACGGATGAGTGAAATG
GTTGAAGACTTTCCCGCACCATTAGGGCCAAGGAGGGCAAAGACCTGACCTTGTGGGATA
CCAAAAGTGATGTCGTTGACAGCATGGTTAGACCCGAAAGTCTTCTGTAGATGCAGTGCG
CGCAGACTGTCTTTGCTTTGCTCAGCGCGTGTGATTTCAGCAGCGACAGCAGCAGGGACG
GTGTCCACCGTCTCCTCCGAATGCTGCTGACGACTCTTCTCGCGGTTAAGGAACGCTGGT
CGGTATCCCGAATCCCACCATACGAGGGCAATGAAGAGTAGGATGATTTGCACGACGAGG
TACAAGATAGGCCCTCCGTACACAGTCAAAGCACCGGGATAACTTGGAATTTGGTTTCCA
TCACACAATACGCTAAAGGAGTTTAGAGATAGCAACTGCGTCCTTAACAAGCTTGCTGAT
GGCGAGATCAGCGAAACGGTCCAGTGGAAGTACTCAATATAAGAGTCGATGGCGTAAGCG
GGCGCGTAAGTCAGAATGGCCATGTAACCGATAAAGTAAATGAGATAAAGTGACACCATG
CCACCAGCAGCAAAGGCAAAGGCTGCCAGTTGCGATGTAACGACGATGGATATCAAGTAG
GCGAAAAGAGTTGCACAAAGACCATAGAGGAAGAAGACCACGAAAAGGTAGCCTGGTGCA
TACCATGCGTCGGAAGCCTACGGTATTGTCAGCTGCGAATGTTTATACAAAACGTAAGCA
AGAACTTACTGCTACAAAGATACCTGTGGTGACAGCAGAGATCACAAGCACGAACAAGAA
GTCGAACGCAGTATACGCCAGCCACAGTGGTACAGCCCGGATACCGTTGCTGTAGTGCAG
CGCTCGCACGTTCCTCAGTCGCTCCTGTGTGGGGTATAAGGCAAACAGCGCAGGGTAGAC
GCACATGGCCAGACCGAAATACAGAATCAGCTGGAGTGTGTCGCCCATATTAGGAGCGAA
CGGCACAGCGAATTGCTGATACTGCGTTGAGATGGTGGTGTTCGTTAGGATGTTGTCAAG
GGTATTTAATGTGACGAGGCCGCCGACGACACCGCCATTTGCAAGGTACGCCATGACTGG
CGGACCATTCTCGTTCAAGAAGAAGCCGCCCGGTGTAATGTTGCGGAACCGTGTGTTGAC
GAAGTCATTGAACTGGTCAAGTGTGTCCACGACGTAGAAGCTGTCCTCGGGAATGCCTGT
CCGTTGGATTATGGTATCAATAGCAGGGCCAACGGTACTCCTCGGACCGATGGGAATGAG
AGGGATGTCGTCCACGTTGGAAAGTGAGAAGATGGTAGGGTCATTGGCGCTGGCTCCGGG
GTCACAGCCCACAGCCTCGTAATCTTTCAAGAAGAGAGTGACCAAACCAGCGGCAACAAT
TGGGAGGAGCAGAGCAAAGATGTATGGCCAGAAGTTGCGCTTCACGATGGTCATACGCTT
TTGTACGAGGATGAGCATCTGCTTGAACAGACCAGTACCACGGCCTTTGCCCATCTCCAA
TCTCTTGTCAGTATCAGAATTGTGGTCTGAAGGTACCTCTAGGTCTTTGTCTGATGCTGT
TCTTCCAGTTTGTTCACCGTGATCGGCATCCATGAGGTTGTATTCCTTTACCTCCTCAGC
GTTGGCAAGGAAGACATCTTCTAGTGTCGGGCCAACGATGTCGTAATTCTTAACCCCGTA
ATCTCTAAGAACATCGACGAATCTGGTAGCGGGCAGCGCGTTCTCGAACTGATACTGAAC
CATGCCCTCGGAGGGTGCAGGCTTCTTGATGGCGTCTACTGGAGGTTTGATCGGAGCGTC
CTTAGGATACGTGACGTGATATCCGGCACCCACTTCATGCTTGAGCTGGACCGAAGTACC
CTTGGTTTTGAGTACACCACGAGAGAGAATGGCAACGTAGTCAGCGAGAACATCTGCCTC
GTCAAGGAAATGCGTGGTAAGCAGAAAGGTGCGGTCGCCACGCTCAGCAAGTAGAATTTC
CCAGATCTTCCTTCGTGAAAGTGGATCCAAACCAGACGAAACCTCATCAACACAGCAGAC
CTTTGACCCTCCAGTGAACATCATAGCAAGCTGAAGCTTCCGTTTCTGGCCACCAGAGAG
CGTGCTCGACTGCGCCTTGATTTTGTGTCCCAAATCACAAGCGCGGATAAGGTCTTCAAT
GGTCTCTTTTGTGTCATAAGTTCCAGTCGACTTGAGCTGATTGAAGATGCGGACATGCTC
GTAGACATTTAACTCATCCCACATGACATTCTTTTGCGGGCACAGTCCAAGACCTCCAGT
ACCATCAATCTCAATGGCTCCACTGGTGATCGAGTTGAGACCAGCGATGGCATCCAGGGT
GGTAGACTTTCCACTACCGTTGGCGCCCAGTAGGACCATGATCTGACCTTTACGCGCTTT
CATGCTAAAATTATCCACGGCGATGACTGTCTCTGGAGCCTTTACTCCGAACTTGGTGAG
AACATTTCTGCGGAACCAACTTGGAGTCCAATGCTTTGAAAAGTTTGTCAGAATAATGTT
GTGATCCGGCGAGGAAGTCGTAGTCTTCCTGTCCGCCGACACGGTACCATACAGCCAGCG
CTCGACAAGAGCTCCTAAGAAGGGGTATACGCTAGTTTGGATGATGGCGAAGATGCAAAA

CACGATGCCGGGGGTGGTCCAAATATGATCTTCATAATCCGGTGCGGCTCCTACAAGGTT
CATACCAATAAGCTGTCTCTCAAAGCGGGCAACGCAAATAATGAAGAAGACGTAGTTGAT
GGATGGAAACAGCAAGCTCAGGACATATACAGCACCCGTGCTAAAGGGTCCAGCGACTTG
CGCGATAATGGCCAGCAGGATGGGGACAATGACAATGGTGATACCAGATAGTTGGGCTTT
GCGGAAAAAGGCGGCTCCGAAGATGGAGAAACTGGTCAAGGACAGGCCAGCGAGAATATG
GAAGATTACCAATATGGCAGCATTGGATGTTTTGAAAGCCAATGCCCACACAATAGCTCC
CATGATGACCCAGCCTGGAAAGTAAATGATATCAAATGCAATGTGCATTGACAAAAGGCG
GGCAAACTGCGTATGCCATGCTTTTTTGGCGGGAGACATTGCTTCTACCAGCTGTGATAT
GCCACGTTCTCTTTCTTCTGCCATTTGGCCCGTTAGTTGGTAAGTCACACCGCATACACC
AATGTACAGAGCGACGCCCATGATGTTGATGAGCGCACCCATGTACAGCGTCCTGATGCG
ATCGTCATATTCCTGCTGCGTACGCTCTGTGTATGGATACTCATCAATGTCGGGAACAGT
CGCCGAGCCGTCAACGGCGGCGATGGCCTGGTCGATGGCGCGTTGGAAGGGCAAAATATA
GATCTGAACGTCGTTGTCGTCCTGGTCCACGTAGATCTCCTCTCCCAGTGCTCCGTCCGA
TCTGATGGTGTAGTTCCAGCTCTGGCCTTGGCCTTGGCTCGGACTGGAATGGAAGGACAC
TGCACCATAACACGTACTGGCACCGCGCAAAGAGCTCTCGCACGTGGAGAGGAGTTGTAC
GTCTTGCTGGATTGTGATGGGTTGTAGGCCGGCATCACGGACCTGAGTCGAGAGTTGTGC
AATGACCTGTTCGATATCGCCACCTGTGTATCCGTTGTCGACGAAGACGACTTTGTCGCG
ACCGCCCGTGGCAGCACTGAGCGCGTTGGGGAAGGAGCGTATGAGGGACGGGGTGCCGAT
GCCGTACTCGGAGGGTGGGACGAAGAAGTTCTTTGCGTAGGTAATGAAGAACATCTGCAC
ACGCCTGGTCAGCCATGGCCCCGCCGTTGACATGTAGGTGAACGTACAAATATGATGGGA
GCCCAGAAAGCGCGCACGCTCGTGAAGAACCAGTGGCGAACGAAGACAACGAGCAGCGTC
TTCTTGGTGAGGATCCATGTCTGGCTCACGATTGCGCCTGCCATGGTCGCGGCCGTTGCC
CGCGGTGGGCGCGCTGAGGGTGCAAGTCTAGGATCGAGTCGTTCACGTGGCGTCCAAGTC
GTATGTCCTGAGTGTAACTACTTTGGGAGGATAAAGGCAACCAGAAAAAGACAAAAGAGC
GATGTAGACAGGTAAAAAGAGGGTATTGGTTAGTACCTAGGTAGCGAACCATGGATGGCA
AATACCTCATCAATGTCCTCCATCCGTACCCAGCGTATACGGCACGACGCCGAGCAGACG
ATGTCTTGTCGGACGTCTTCGACTACCGCATCCCCTGTCCATTCCCTCACGCCATGGTCC
ACATCGGGCGCTGGCGAGGCGCATGGCGGATTGATGTTGTGCCGGTGGGGCATAGGGGAA
CGAATGACACAGCATGGCGTTCAAAAGCCCTAAACTCCCTGCCAACGGCCCGGCTTACCT
CACTCTGCTCCAAAGAGCTGGGGCAACGCCTGTCACGGAAAGCGCCAGATCTCACCTTTA
TTTCGACGTCCGTCATGGTCACGACCACGATTTCGCGTCGACATAGATCCTGGCCTGACT
CGAAGCGCTGTCCGCTTCGCTTCTACAGGCCTACGCGAACATGCCTCGGCAACGACCTGA
TTTGCCCAGACAACGCCCAGTCGCCGAGTCCTAGTCATCATCGAATGCGTCTTCGGTGTC
CTAGAGATCGCGATGCCGAAGAAAATGACAAGCCTCGCGTGCACACCCCTGCATCGCTGC
GCCTCGCAGGCCTAATTCCCGTCGCGTCATCGATTCCAAGCTTCTGTGCGAAGCGCGAAG
GCGATCATCCAATGAGCTGGGATCAGACGGGCCGACATGGCTTTCTTCTACCACAGACGT
CTAGAAGCATTATGAAGAAACCTAACAGAAGCGTGTTTAGTTCATGTTTGCTCTTGGCGC
ACCATTCGAGTCGGCGCTTGCACTTTTCGTACTCCATAGTAACGAACAAGACCCTTCTTC
GCCCTATATATTGCGAGTGACTACCCATAACACATGGCATACCCCGGAGTATCGTCGGTA
GCGAATTACACAACCAACGACTACCCAGGTAGCGTTACAGGGTCTAACATAGAAGCACAA
ACGTCTTTGTTCTACGGACTGAAGGAATGAGGATTCTACTTATCCTTTGGATAGTGATAT
CTGTTCTTGGTAGCTGGGTGACGCTCAACTAGCTCCGGAGTGCGTCCAAGGATGGATTTG
TCCAGCACGTGTGCTTCTTGCTTCTTCAGGAGGGTACTCTCAGCAGCTGGTCTTTTCCAG
TGACTCTTGTATGCTTACACACGGTTCCTCTGTCGTTTCGGCTCGCCTGCCAATGTGCTT
CAGCCCATCAAACGGATTCCTCCATGACCCGCCAGCAGAAGGACATGTTGTCCAACACAA
AAGGAAAGCAAAGACGCGAAGCAACTGCGTTAGAACACACGAACGACATTCTACAACTAC
AGATAGTGTTGCGTCTGACCGGTGGTGACAGTGGAAGAGAGAAGAGGCGCTCGACGCTGA
CGCTGACGTTTGACAGATCGAAAGTTTGGCCGGCTCCCCTTCCCGTCCATGGCACAACGA
CTGCCTGCCTTGACAATGCCCTGCTCCGAGAGCATCGATGTCGACATCGACGACAGTAGC
AGCGAACGCGCTGCTACATGACATACTGACTTGACGATCTTCTGATCGAGTGGGCTCTTG
ACTGGACAGTCTTTTGATTGAGTGGGCTCTTGACTTGACTGTGACGGTGGGAGTTGGGCG
GTGGTTGGCATGGGCCGCCCTATCGCGAATCTCGCATCCAGGCAGTTGGTTGTTCCTTTG
ACTGAGTGGGCTCTTGACTTAGCGATGACGATGGCAATTGGTCTCTGGAAGATCCTAGAG
CTGCTCCATTGAACTTTCTTGCTTGTCGAGTCGTTTGAGGGCGTTTCCGAGAAATGGTGA
CTTGTCCGTCATCTCCTGACTTACTGTTGGCGATAGTAGTCAGTTCTCTTAACTACTCGG
GGTTCGTTTGATGGCCATGACAGCTCTTGAATGGATGGCACTTGATCTTTTAGATTTTAG
AGTTGGGTCATTAAACTTCCTTGCACGTTCGAGTCGGTTGAGTACCCTTCCGCAATGTCA
TGAGTCGTCTGTCAGCTAACAGTCTGCAGAACCACTAACCATCATTCCCTACTATGTCGA
ACTGCACCCGTGTCGTGAGCTTGTCTGTCACTTCTAAGTAGACATGTCACAACAGTAACA
CCATTGTCAATGGCAAGGTTAGTCACCGAGTGGGCCCCAGTTACTGTTGTACTAATAACA
TGCAGACGCTTAGACCATATCAAAGCAAACGACTACCACGCACTCACTTACCCCACGCTC
ATCGAAGACTCTTCCTTCTTAGCTGTGATTACTACTCGCTTACTTCTTACACTTATACGC
TCGACCGCTCAATTACTCAATCTTTACTATATCGACCACCCGACTTACAATGCCTGGCCC
TAGGCAACGCCACCAAAACAGTGAGTCGGGTAGAGCCAACCAACGTGCCCACGAAGAGCG
TATCGCTCGTCGCGCAGCAGAACGTGAGGCAACACAACAAGTTCGCGGTCGCGGTCGCGG
TCAGCAGCAAGAAGATCGCGGTCAGCGGCAGCAAGACATACCCTCAGGTCGAGGTCAAGA
TCATCAGCAGCAAGGCTATCTACAAGATCAGGGTCGCGGCCGGCAGCAGCGCGATCAAGG
CCATCAGCAGCAGGGCTTTCAGCCAAGTCAAGGTCAAGGCCAGTATCCAGACTCAGGCTG

TTCACAAGGTCAGGGCCAACAATTCCACATTAAACTGTCTAATGCATACTGACTTGGATA
AAGCAGCACCTGATGTCACTCTTTCGCCTCGAAGTTCCCCACCATTTCCCTCGCCAGTAA
ATATCGGGCCTAGTGCTCCTGATCAATATCTATACCCCGGTACGCCTTTCCAGGTCCTAA
ATCCCAGCTACACGCAACGGCCGTTACCAGAGCCAGCCTCCGCTCCCCGTCAGCTACCCA
AGACACCCCTACCGCCTGTAGTAGCATTTTCGCCGGGGACTGAAGCTGTAAGTAGATCCT
TTGATGTACCTAAATGAGGGCTATACTCTCATTGGTCTATCTTCATAGGTGAATGACAGA
TCTTTAAATAGTAATTGTTTGGGAGGTCATGAGTGCCACAGACTTCGGAAAGCAATGGGA
TGTATATTTCTTATTTCATTGAATGGCAGTGTAATAAGGGAAGCCGTTCGGTATAGCATA
TGCAATACATTGGAGAACAGCAAAAGGGTAGAGGTTTTGAGACAAATGGAACTTTTATCG
AACCTATTACAAGTCGTGTGTGCTGGCCCCAAAACGTGTTCCTTATGCTGCGTGAAGCCA
TGTCTTGAGAATGGGATCGTAAGTTTGCTGTGTAGTTGTGTACTCTAACGATATTGGTTA
AGTGCTAGAATGGCAGCCATACTCTTGTGCGTAAAAAAACATGTTGTTCTGCGCCCAGAA
TATATATTTGCTCCATTTTTTGCGGCATATGATGTATTGACAAATGCTCACGGGCCAGAA
ACAGTAATGTACTTCGTGTTTGTACGACCAAAGTAGGCTTCCTCATCATCGTCTAGATTC
CTTCCGGGCGTAATCATTCCCTCTGGCTCTTCGGCGTATGCCGTCGGATAAGCGCTGTCA
TCGAAGTCCTCTTCTACCGGAAATTCGTTTACGAGACTGGCCAACTCCCAATCGCCACTG
ATATAACTGTCCATACTGAAACGCTCCTTGCGGTATTCAGTCCAATCCGGTTCGTTGTTT
ACCTCCTCTTCTGCATCTTCTCCGGTCTCCCAAAGGTCTTGCTCAATTCCACTCAGAAAA
TCCCAAACATTCGCCAGTAGCTCCTCGTGTGGTAGAAAATAGCTCAGTGACTCGTTGTCC
TGTCCTGTCCAGTCACTCCATGCTTCCAATATCTCCAGACGAGGAAAGTGCGCTGCAAGT
GGTTGTGCCCATAACCGGACGAGCTCTTCTTCAACGAGTGGATCGACCACAGAGCTACAT
TGGGAATTTGATGAAACGGTGTACGCATCACTAACGATCGATAGGATTGACTGAGGACGT
GCGAAGGCGACGTGCGTCAAGAACTGGAAGAGCGGACTATTCGAAGCTCCATTACCGGAG
AGATCCTTTTGATCCACAGAAGCGCTTCTTTCGTGACCATCAAGTGTTATGGAAGGCGCT
TGAAGTGCATCTTCAATTTGAGAATAATCGTCAAGCGCGGTTTCGAAGGCTTTCGGATGC
GGAAGACCCCGTAGTGTCTGTAGATCCGGAAGATGGAGTGCAACTTTCATGCGCAAGGTT
TCAAGCAGGGGACAGTATTTACCGAGACTCGGTAGCGCGGTAGATTCCAGATCGATTGCA
CTTTGTGGATGAAGCTTCATGCTGAGGCTCAAAAGTTGCGGCAACTTCCTACAAAATGCT
TCGAAGTGGAGGCTCGAAATCAAAGACCCATCTATTGCACTAGGTTCCGAGGCAAGAAGG
TCGACATGTTCCAATTTGGGACAGCCATTGGCAAGGTTCACCAAAGCCTCACCGTGAAGG
AGTGGATGTGATACGGCCGATGGAAAGTTCTGCGCGAGTGCGCCAACGTTGACTCGCATT
GATCGAAGTTCACCGCATTGCGCCATCTGAGCTAGTATGAGATCAAGAACATTCAAATCC
CAATCCTGCTGTGCTCGCTCTGGTATTCTAGCAATGTCTAGTTGTACTTGTTCTACAAGT
GGGAGGTGAGGAAGAAGTGCAACGGCCAACTCAGGATAGCACTTGAGGTGGAGCTGCCTG
AGCGAAGAGAAAGGGGAAACAAGCGCAACGGGACCCGATAAGTATGGCAATAGTTGCAGG
CCAGGGTCGAGGTCGATGTGTAGAGTTTCCAGGCCTGGTCGGTTACTTAAATGTCTGAAC
AGCATATCCTTGCCGGAAAGGCTAGCGTTCATCAATCGCACGTTCGTGATGCTGGGCACG
GAGTCGATCACATCTACCAGGTTTTGATAAGACACAGGATCTTCAGGACAGAAGACATCT
GGACCAAAGGTAATGCTAGAGAGATTGGTACATGCGGAAAAGGCTGAAAGAACAGTGCCA
GCGACGTAATGCGAATTACCAGATTGCGATCCAAGGAATTCCAGTTGTGTAAGGCCTGTG
TGCAGCATAGTGTTGATTGCTTTTGAATGCGTCGCCCAGTCTATTTCCAGCTCCAGTATC
TCGATTTTTGGCCAATATAAGCCTTCGAGGTATGCAAGATCTCCGCCACCGTCTGTAGGT
CCCAATACGAACAGCCTCTCGACTTTGTTCGCATACCATTGTCTTCGGTCGAAGGTCATG
TCCTGCAGAGCCGGAAGGTGCGGGTAGCGTCTCCACAGGATAGACGTACCCTCGTTTGCC
CAGATTTTGTTGACCATGATTGAGGGTACCAACGTGGGCCGAAACTCGAGAAGTTCAACC
GGCTGGTCGGGTCCCTGCTGTCTACGGTCCTTGTACTTCATGTCGGACAGAAAATGTAGA
ATCAGTCTCACGATACGAGGATCCGCGGCAGCCGTGGCTGCGGCAGCCATGATTGCGCGA
AGACGAAGGAAAAGCAGCAAAAGAGCGACTCGAAGGAATGAAGTGACAGAGAAAAACGTG
GGTGGAGAGAGCGCAAGGACAGTTACCTAGGGCGGCAGAGGCTGTGGGTAGACAGTCATC
CTGCTTTGGACCTGGTCGCTTTTCTCGCAGCCGGGCAAAGCGAAATCCCGCCCGCTCGCC
ACGGCTGATCGCCAGGGGGCTGCGGAAGCCTGATAGCCTGTCATTACGCGTCTCTGCAAA
AGCGATTGTGAACTGTATAATTCCCATGTCGATAGGAAGGCATGTTTGGGTTCCAATGGA
GGGAGTTCTTGGGCGCCCTCTTCGTGAAGCTTGGAAGCCGCCAGCTTAGTCAACCTTGGA
AGCGCGTTGGCCTTCCAGCGTGACGGGCCGGACGACCGCCGGAGCTGTGTTAACACCGCA
GAGCTGCCCGGTCAAGTCTACTGATCGCATACAGACAGCGTTCGTGCAAAATGTGGCGCA
GATGTCAATCTTGCACGGAGTTAACGCCGTTGCTATTGGGGGACATTACGCCCGTTAATC
ACAACTGACCATGATGGTAGCGCTTACGCTTGAGCACGCAGGCATATACAACAGACGACT
CTGGAACCACGATTAGACAGCTAAACAGCACATCAAACGAAGAAGCGCAGTTGCCATGCA
TCTCATACTCACTGGAGCGACAGGGCTGGTCGGCACGTCGGTCCTCGACAATATGCTTGC
ACAGGAGAGCATTAGTCGTATCTCGATCCTGAGCAGACGGCCTGTCAAGATGGCCGATGG
ACATGCCAAGGCGAAAGTCATCATTCATACAGACTTCAACAACTACGACCAAGTCTTACT
GGAAGATCTGAAGGATGCACAGGGTTGCGTGTGGGCCTTGGGCGAGTCACAGAATGCTGT
CAGCAAGGAGTGAGCTGTTTTCTATAAACTGCTATAGAGGCCTTATGCTAACATGCTTGC
TCAGGCAATATGTCGAGATAACGCACGACTATGCCATGGCTGCTGCGCGCGCCTTCTCTA
CCATGCACCCAGACTCACCCTTTACGTTTGTCCATGTCTCGGGCGAGGGCGCTACGCAAG
CGCCAGGCACCTTCACACCGCTATACGGACGAGTCAAAGGACAGGTCGAGTCGGAGCTTC
TCGACTTGGGCAAATCGAAGCCCATGTTCAGGGTGTACAACGTCAGGCCAGGGGGGGTGG
ACTGGACAAAGCATACGGCGATCCATCCGTTCATACCGCCGCAGGCTGCGTGGAAGAAGG

CGATGATAGCGCCAATGAATCTAGTCTACAAGGCCATGATGACGCCAACGAAGGAGATGG
GAGCCGTCATGACAGAGCTGGCCATGTCCCGGGGCGAAAGGTTAGAGGGCAAGGACATTG
GCATGGAGGGGCGGCTGGTTTCCAATGTAGCCCTCAGACGTATGGCGGGGCTGTAGAGAT
GATGTTGGCTGATAGAGTGGTAGACACGATGAACTTGATATGCTTGATGCGACGGTACCT
GAGCATCCGACTGTGCACGTGGGAACGCTGTCTGTGCGTGGGTGATGACGGCAGTGAGAC
CCTGGTTCGCCGGGTGGGGGCGCGTCCGAGGCCCAAGGAACGCGTCGCCGCATCTTTCTC
CCCACAGCTCCCAGCCATCGCCTCATTTCTTTCTGGCGCGACTGCAAGTTCGACACGCCA
TATAATCAACCGTCCGCCTGCCTTCTCTGCTCGATTGTCTCTCCAGAAATCTTCTCTGCC
ATGGATTTCGACGAGGCGCCCCCGTCGTCACCACCGCTCGCGTGCACCACCATGGACCTC
CCGCCCAACCCCTTCTTTGAGCGCAAATATACTGCCTTCACCACCAAGTCGAGCTCGCCG
CCCCCCGTCTTTTCCAGCGATGACTCTCGCGAATCCGTCGATGTGACCAACTACGAATCC
CCTCGTATCCACAAGAACAAACGCAAGGGCGCGTGGTGGGACAGTCGCGAGTCTGCCCAC
ACGACCCCAGAGGTGAAGAAGACGAAATTCGAGCGCAATTTCGACTCTGGCATCTACATG
CTCAGCGATGCCACCAACAGCTCCGAAGAACTACCTCCGCCCCAGTACATATCGCCTTAC
AACATGAGGAGCAAGATGCCGCTCAAGCGCGCCCCCAACCCAAATGCCTCTGATGATGAA
GACATGAACATGGGCAGCACCAGTGCTCCAACAGCAGAGCAAGCCTTCGTCCAGCAGATG
GACCATGGCATTGCGCGGAACCAGGAATCCTATGACTTTGATGGCCAGGGCCTCGAGGAC
AGCGACATTAGGCACATCGGCAACCTCAAAACCGTCATCAGCGACCCGCCCGTCCACGAC
ACTGAGCTCCCCACGGCGGGGCAGTACCGATCTCTCCTCCCCAAACTCCAGATCCACCTC
AGTAAGAACAAGCTCTGTCGACTGGTTCCATCTCTGTTCGACCTTGCAGATCTCACTGGT
CTCTACCTGCGTCAGAATGAGATTGAAGAGCTTCCGCAACAAATCAGCCGTTTAACCAAA
CTCGAAACCTTGGACGTGTCTCTCAACAAGCTAAAGTACCTCCCCTTTGACGTCATCTCC
CTTCTCTCTCCACATGGGAACATGACCCGCCTCACTTTCATGGGAAAAGATCTACTTCAG
CCCATGTCTTCTCATAGATTCTCAGTCGCCGACTACCAGAAGCAAGAGCAAGCGTCTCTT
CATCACACCGACTCGCTGCCACTCGATGAGGTGCGGGAAGACGCAAGCAGTCAACTTGCG
CACTTGTACCAAACTCTGGCGACTTGCAAAGACCGCGACCAAGCAGTCTGGCGGATCCGC
TATTTCGAGTCTTGGACAAACTCTTTCGGTGGCGGAGATGACACCTGGGAATGCAATGTT
GAACAAGACGTTGGTTTCTATCCGCACCATCCCTCTTTGCCCTTGGATGTTATGAACGAT
AGCCAAGTGCTAGCCCACGCACCACGGTACATTGCCAGGACACTAGTGTCTTACTATGAC
CAGGGCGGCAACGTCCTCAAAGGATCTCCACGGCTTCCTTGTTCCAACGAAGAAGAATAT
CCCGTCATTGTCGAAACCAACCAAGGTACATACGGCGTTCCTTCTTCACCTTGGTTCACC
CCTCCGTCTACAAGCAAAATGTCCTCCCTCGTCACAGCTAGCTTATACAGGGGGCTCAGA
TCTACGAACATCGGTACCATCCGTGCGTTCCTCGATTCGGATTTCCTCCCCGTCGTGGAA
GCCATCCTCTCGCAAGCAGAGGAGAATGCCGCTGACGGGTATGGTTTGTTCCGCAGGTGC
CATACCTGTCACAAGGAGTACATTGTGGCACGCGCCGAGTGGATTGAGTTTTGGAGTCGG
GGAGGCGAATTCGTTCCATTGAAAGCCAGCGTGTGCTCCTGGGGCTGTGTACCTGTAAGC
ATGGTGCAGAGGCCGCAGAAAGAGTTGGCATGGTGAAGTCAGGAAGCAACTAGCGGACAT
GAAGAGCAGCACAGTGAGATGCACATGGTAGTTTGGGGTCAGCCGGCTGCACGACGGGTT
TCACTTAGGCTGTTTCGATGATCCCGGCCCGTTCGTCACCTTGCCATCTTGACCATTCTA
AGATGATGTAATCTGCCATACCCTCCGTCCACCTTCCATCGCCTTCTACTCCACTACCTT
TCCTCCATACCCGTCTCGTCAGCCAGATTTGCGCGCTAATGCACTTTGCTTCTAAGCTCG
ATAGAGCAAAAGCAAAGATTCTGGACGCTGGGCGAGGTGCGCTAAGTCGCATCGGATTCT
GGAAATTGTATTCGTGACCACAAGAGGGCAATCCATCATCTCTCCCCTCTCTCAAGCTGT
ATTCAACAGGGTCCATGTCATGTCGTGTGTGCTCATTGACCTGGCACGCGAACCCCGAGC
TCGAGACCACGTCGCAAATAACTGGCATCCATATCCCAAGAACTCAATCTAGAACGTCCG
GCGCATGAGTCCTTGGTATTTTCCTCTATAACTCCACATCCTACGAATAGATACGTCTAC
GCTGCGCTCGCACTCTCATCTGGTGGACTGGAATCAAAACAGAGTGGCCTGGTGGATGAC
AGAGACAGGTTGTGTTGATCGACGGCAAGAGAGGGAACTATCACTTTGAACGTGGGGCGG
AGATCTCTGAGGCGGGGCGGTTTCCCATCCCCGAGGCTGTCTAAGATGCGGCATGTCTAA
GTGGGGTCTACTCGAGCATGTCGTTTTGTACACTACGATCCGGTTGCCAATGGTGCCTAG
TGACTGGTGATCCTTCGGTCAAAATCATGATCAAGAGGATAATAGGCTTTCAAGTTCGTT
CTGAGTAGTAATTATCAACTCCACCATTTATGAGAAATTGACGCGAGAAGGCATGTCCGC
GCTGCCGCCTCCTGTTGTAGTTAGGCCGCGTGCTAATCCTGACCGAGTTTAGATTGATTT
GGTCGGAGAATTGCGATAACAACACGCCGTCTGAGTGGGCATCTTTCAGGTATCACCATT
CTCTGTATCTCATATCCCGGACTCGTACGTGCACGTAAATGGGACTAGCCGCCTAGCCAT
TGCTTTGTCAAACATACACCATGGTTCCAAGCGTAATTGTCGCGTCTTCCAGTACCGCGC
AGCACATCTACATATGCCCAGTCAATACAGTGCTGGATGCAAGACAACCGCAGATAGACA
TGTAATCCCGAAAATCTCTCCAAAGAGCTTAGTTTCCCCATACAGTGTGAATGAAGAAGC
TTATCAGCTCTTGCAATCGCTTGCCATCCTGCTTATCGGCGCCTATCTTCAGCCCTCGTT
CATACCCTTGCCGGTCTCGACTCAATCCGCCGAACCACCGTTCGCAACATGACGTGAGCG
GCTGGAGAAGACCATATCGACGTTTCAGCTGGAGCCCATCTTGCCTGGCTTCGGTGCATT
CGCGTTGACACTACGCACGTTAGGAGGACAAGCCTTCCTTGGGTTGCACGACTACCGGCC
ATGGCATGCTGACAAGGGTTGCTTGAGCCTACCGCATGGATTGCTCCTATCTCGGCTGCA
TGTACATAAACGGAGTTCTTAAGCCCTGTGTCGCCGCGCGTTGGATCCCTGACGTGCTTT
GAGCATTCCACGACAGCGAAAACTGATCCTTAGTGCAGTGATTGACAACGCAGACATGTC
TGAGAAGAAGGTCGAGGAGTCGACTGTCGGAGAACAGAATGTGGACTATGGCATCGGCAA
TGTGCGAAACTCGCACACGGCAAGTCGTAGAAAGAGTTCCGCTGTTGATCCGGCCATCAT
TGTAGGAGAGATCTTTGATGAGCGTTATGAGACCACGCATCGAGGTCTGAAGTCAAGGTA

AGTTGCTGGCTGTTCCCCGTGTGGTGTGGGTTGGGGGGCTAATATAGAGCAGACATGCCC
AAATGATTGCTTTGGGCGGCACAATAGGCACTGGTCTCTTTGTCGGCTCAGGCCAAACCC
TCGCTCGCGGCGGTCCAGCCTTTATCCTATCCACCTATATCGCCATGTCCTTCTTGATCT
TTTGCACTGTTGCAGGTATCATCGAAGTCGCCGCCTATCTCCCGACTCCTGGGTCTTCTA
TGAACCTCTTCGGATACCGCTATGTCTCCCGCTCAATGGGCTTTGGACTCGGATGGTTAT
ACTTTTACTCTCTCGGGATCTTGGTACCCTACGAGATTACAGCGGCTGGATTGGTCATTG
AGTATTGGAACCCACCCGTGAACATCGCAGTGTGGATCACGATAATGATCATTGTCATCG
TCGGGCTAAATTGCTTCCCAGTCAAGTTTTACGGCGAGACGGAGTTTTGGTTCGCTGGAA
CAAAGGTTGTGATGATTTTGGGACTGCTTATCTTGTCTTTCATCCTATTCTGGGGCGGTG
GTCCCAAGCACGACCGTCTCGGTTTCAGATACTGGAAGAACCCTGGCGCGGCAAATACAT
ATCTAGAAGAGGGTAATGCGGGGCGGTTTGTGGCACTGCTATCTACCATGGTACTTTCTG
CCGTAAGTGAACAGCTCCACAAGGTCTAGTTCAGCTTCACTAATCCCTGTTTAGTTCCCG
TTTACATTTGCCCCCGAGCTTCTTGTAGCAACAGGTGGTGAGATGCAGTCACCGCGGCGG
AACCTGCCTACTGCTGCACGCCGATATATCTACCGTCTTCTTTTCTTCTACGTCGGCAGT
GTGCTTGCAATCGGTGTTATCTGTCCCTCAAATGATCCCATTATCACCTCTGGGGGATCT
GGTGCCGGTTCGTCACCATTCGTCGCAGGCATCAAGAACGCCGGTATTCCGTAAGTGGCC
CTGTACGAACTGATTGTGGGCCGTTCACTGACCTCGTATACACGCATCTAGGGTACTCGA
CAGCGTTATCAACGCCGGTATCATCATAAGTGCTTGGTCATCAGGAAACTCCTTCCTCTT
CCTCTCCTCGCGCTCCCTATATGCGCTTGCGCTTTCTGGTAACGCGCCCTCCATCTTCAA
ATCATGCACTAAGTCTGGTGTGCCATACTGGGCTGTTACAGCGTCTTCACTCTTCTGTGC
CCTAGCATACCTGAACGTAGGCAGCGAGAGCGCCGTCGTCTTTAACTGGTTCGTCAACTT
GACAAACACGTCTGGCTTCATCTCGTGGATCTGCTGCGGCATCATCTTTTTGCGTTTCCG
GAAAGCTTGTGAAGCGCAAAATATCACCGACCTGCCATATCGTTCACCAGTCAACAAGTG
GGGAGCTTGGTGCGTTATCGTTAGCTTCACCTTCCTGTGTTTGATCAATGGATTTGATGT
CTTCTGGCCTGAGAAGTGGGACGTCAGCTCTTTCTTCACTGCATACGTTGGTATTCCCAT
GTTCTTTTTATTCTATGGAGGACACCGGATCTGGGCCTGGAGCGATACCTGGGCTTATGA
TCCAGCGGAGGTGGACATGAAGACAGGCTTGGATCAGGTTCTCGCTGAGGAAGTACCAGC
AAGAACAGTGAAAGGGCCGTGGTGGAAGAAGATTACATTGATCTGGCAGTAGAAAGGAAA
GAGGGTTGATGAAGCTGTGAAGCAAAAGTAGGCAATTCTCAATCACCAAGGATGTTCAAC
AAATATTTATTACTCCATACTACTCACACCTTATGCATTTCTTTCTGATCTACAGGTAAT
TCCGCTCATCCTGTTCTCATAATTGAGTACATTTGAGGGGTGTTGACCGGTCTTTATCAA
TTTGTCTCGTATTACTGGTCGAGGGAGTTGCAAGTCATAGCCCTGGATTTCTCAAGACTT
CGAAACTGTAGGAGTTCGGAAATGGAGGGCAGCACCTTGGAGGAGGGGTTTCGTCTAGTA
CCGAGTGGGACTAGTGTCTAAGAGTGGTGCGTCATATCTAGGTGGCTGGACAACTGATTG
CGAAAGCCCAACATGAACCCACGAACACGCCCGCCATGGCATCATCACATTTGCACTAAG
GTTACCAGGCCCTGGACTGATTCAAAATACTTTCGCGTTACCGAACGCACTAAAGGCTTA
GTCCTCCTCATCTTCCTTCTTCCGTTGACGGTTCAGCTCATCAATGACCTTTTTGCCGCA
TGCCAGAATCTCCAGTGTTCGACTCTTATTATCGTGATCCCTCGTCTCCGGGACCAAGAA
ATATGTCGTCACAGCACCCGCTACCATGAACGCGCTCATGACTTGTAAGATGTGCCCGAA
GTTCTGTCGTTCCCATCTGAAATCGTCCTGGTTTTTAGACTTGTCGGATTGGAAAGCATA
CGCCAGAAAGATCTGCACTACCCAAGACCCGAGTTTTCCACTAGCAGCAGCTATCCCGTG
GCAGGTACACCGATATCTTGTCGGAAAGATCTCAGCAGGAATGATGAATGTCGTCACATT
CGGCCCTAGGTTGAAGGCGATGTGACTGATCACATACAGTACCATCAGTCCTGATCGACT
GCTGTCGAGCAAGTTCGTCCAAGCGCTCCCGGTTACGATGAAGAGTACGAACAGAACCAG
GAACCCCCAGAACTGGATCACTTTCGGTGACACATACTTGACGATCTTGATCATCAGCAG
ACCACCCACAACTGTCCCTGTGGAAACCATAACCAGGGTATATTTGCTGTTATCGCTCAG
TGTCTGGTACACAGATGACTCATTTTTGATACCACCCGGCCAGATGTGTCTGACAATCTC
TGGTGAGGATAGACCCAGCCCATAGACTGCCTCAAAGTCAGTAAGTCTGTCGCAGCGGCT
TAGTGGTCTACTCACATGCGAAATCGAGAAACAGCCAAGCCAACGAGGTTCCCAGTAGGT
ACTGCCAATTCTTCTCGGCAATAAAAAACTGTTTTGCATCGGTCCATGAGGCGAGTGGAG
GGGAAAACTCTGGATCTCCTGGAGAAAGCTGGACCTGCGGTGCTGCAGTGGTACGAAGAT
GCACGTTACTGAGTCGGTGCTCGGATTCACTGTCGCTCTCAACCTCCTCGTCAGGTGCAA
TCACTGAAGAAGTAGTTGAATGCCTCGAAGCAGGCCTTCGGCTCTCCGATGAAGCAGGCA
CATTCAATAATTCGACCTCGCCATGTTCAGGGTTCGCTTCGGGCGCGCCGAAAAAGTTCG
CGGTGTCCTCGAGAGTACCTTTCGTGTTTTGCAAGATGTCCAGTGTGTACCTCGGGCTCT
CTGGGATTGTAAATCGAAATACGAGAGCAATGAGAGCCGGCACAACGCCAATGCCGATGA
CAAGTCTCCACAGCCGATCGATAGCTCGAAAACACTCCAGGTCGGTAGGTTGACAAGATC
CTACATTATTCTTGATCCAGGGCTTGTACGCTTCTACTGCAGCAAGCGACAGGACATTGG
CGAGTAGTTGTCCAACAGGTTGAGCAAAGAAAACCCAGCTCAGCATGCGCGCACGGTGCT
TGCGAGGAGCGAACTCCGCAGTGATAACCTATTTCACGATCAGTAAAGCGACGAGCACGC
TCGATATCGATACATACAGCACTCAAAGGGTAGTCAGCCCCGATACCAATGCCTCCGTAA
TGTCAGTACTATCAAGAATCCATGAGCCAGGTCACTCTTTCTTACCCATAATCGCTCGCC
AGGTGATTAGCCACCCTCCAATCGCCATGCTATTCTTTTCTCCGTTCGAACTCATGAGTA
GCAACATTGTACCGACGATAATGATTACCAACTCGAGCCCATACATCTTGCGTCGGCCCA
GAAGATCTGCTGCGAAGCCGAATCCTATCTGACCTACCATTGTACCCGCAAGTGTTGAAC
ACATCATGGCCGTCTTGACCGAGGACGGCACCGAGGGTATACCACCTTCGTCGTGGTTAG
GCCAGTAGACGTAACCTAACATAGGAGTAACGACATTCAAGGCGAAGAGTCCGAACGCAT
CTGTTAGGAAGCCGATGCCAGCGACTACCACTACCCAGACCTGGAAGGGTGCTGAATCGA

TTGTTGCGAGCGTCCATCGCCGACGCCTTATCTCCTGTCACTAAGATCAGCAAGACACCT
ACAAGCAGTGAACTCATTGCGTGTGAACAGGAATAACCCACAGGAATGCCGCTCCCGCCT
GCGGTCAAGTCCTCTATCCCGATATGGTGGCCCTTGATTGGTCGTGTGATCCAGTTCCGA
AGACCCATCGTCGCGTTAATGATGAACCTCTTTTACAACAGGTAGTCGCACCCCAACGCG
TATGCTTTGGCAAAATCTCTTTGTGTTGCGTCGTTTGTTGTACACAATCCTCTCGGGGCA
GCGCAGTTCATATTGAGGGCGTACGAAGCTTCAGCCTCCACTACGATGCGCATCACCGAA
GCCACTCTTAGAAACTCATGCACAGCCCGAGGCGACACAATAAACCGGTCAACAAAAGGG
GGTGCATTGGAATTGGCGCTACTCATGGGTTCTTCCTCATCGTGTCCAATCTTGTTCTCT
TCGCCGAAGTCAGACTTGGTGGCGTTTGTTGCTGCAGAAAAACCGCAGCATAGCCCTGAC
ATGTCAACCTTACAGGTCATCTGAGATTACCATTGATGGCTAACTGAGGATGTCATCTGC
GACTCGTCATGTCTAGGGCGGGTGCCAGCGCAAGAATGAACACAGTTGCGGTGGACAGTG
TGGACTTTGGACTTGTCAGAATGTCTGTAAGATGGAATCATGATATTGCCTTCAATATTT
TGAGTGGAAGCCGCGCGGTCCTGGATGATGATGGTTGGCTAATCTGGGTATCTGGTAGTT
GACGATGGCCGTTCGCCTCCCCACGTGGTGATCTTCGCATCCTCATTGAACGTCAAAAGC
CGCCATACCGGTTTCGGTGAACCATCCTGATACCGCCACATGCACGAATACGAGCTGTAT
GCCGCTCTTGAATAAGATCACGGCTGCAAGTAGTGCTTCCGACGTTGGAAGGCTTGAGAA
ATGCGCGTGCCTGGGCTCTAGTAGCATGTCAGATAATATGCTAAGCCACTCCAGATGTCG
CAGCGGTCTGCCTTTGGGTTAGCCAAGTTATGCACATGTCGGGAAGCTGGATGTAAGCTT
GGAAGATTCTTCTACAACCCCGTTTGCGTCTCTCAGAGGCTTGAACTTCTCTTGACTGTT
GCCTCCACTGTGTACTAGCAGTTCCACAACGCATGGTCAGTCACTAAACATCCTGTGTTG
CGCTTGAGCGCGGCGCAAGCGAACCGAAATGTCTTTTGGATGTAGTCCATCCGATGTGTT
GAAGCTGTTGGAGATCTCGACTCGTGTATACCTTGCTTTCAAAGGTATGTTCAGCTACCA
CCCTGCATCAGTATCTTCCAGGGATCAGCTTGCTAATCCCTACATTCAGATGCGAATGAG
AACTCAGAAGCTCAAGTTAGTGGGCTTGTGAAAGAGTTCACCACCTTCCATACTTGTCTC
AAACAGCTAGGCGAATTGATGAAACAATATGGCCAAACAATGCCATTTCCCGTCAAAGAT
TTCGAAGACACGCTGAAGAAGTGTGAAAAGACCCTGGAACCATACGCTGATCATCTCGTC
GATAGGAAGATGTCTGTTAAGAAGTTCATCTTCACTATCCGCTATATAGGGATGGAAAAA
GAAATCGATGGACTGAGAAAACAGATCAGCGGTCACTATCAAGCTCTCAACATGTGCATC
TCATTTCTCCAGTTGTAAGCGTCATGCGCACTCAGCGCTTAGGATTTAGTCGCTGACCGC
CACTAGACGGCTTCATCTCGAAGCAACAAAGCAAACTCAGCGCCTTCTCGATGCCGCGCC
ATCTCGTACAGTAAACATGGGTCGCCGCTCATACTCCACTCACAGTCTTGGAATTTCCAG
CAACCATACGCCATTAGCGCTTGCGCCTCCTGACGAACACCCATTGTTCAGCGAATGGAA
GATTTTTGATAGATGGCTACAAAGCGAGGATGAACGCATAGCTCAAGAAGCGGGATCGTC
ACGGCCCCTATCGCTAGGCGACATACCCGCTTCTGTACCGAGTGGCGATGTTCAAACCGC
TGCAGTACTGTATCAACTTAGGCGACAGGTTGACGATGCGATACTCATTGAAGAAAATCG
CGCGAAGCGGGCTACTGCCGAGAAACGAACACACCTGGTCCCGAGCGATACGATGAAGCA
GGAGGTCCGCGATATGCCACCAGCACCACCGCGAGTGTATACCCTCAAGACAGACCATTC
TGGTGACTTTACGGAGTCTGGCCAAGAACTGATGAGTGACTCGACAGCCACCATCCGTCC
CAGCTTGAGCATACGACCATCATCCCCAGATTATTTTGGCTCGTTCAACTGGACACAGTC
GCCAACATCAAAGTCTCTTTGTTCGGGCCGAACTGCCTCTATGTCTACAACAAGAAGTAG
CGAATGCTATTCAGCAGGTACTACCCCAGAAAAGTCGCTATCTCCCACGCTGCAACGCAG
TCTTTCGCGCACATCGCTGGCCACCATGGCATTAGGTGACGCTGCACTCGATTGGAAGCG
CGTCTGTCGCAATGTGCAGGTTGAACGAAAGTCTTTAAAGTACGGGCCCGAGAACCGTGA
ATGCGACGTTCGGTGGCGATATCGAGAAGATACTGGCATCTCGCTGCGAGCAGTATATTA
CTCTAGCCAAGATGGAAAACTACGCACTTGGACTGAACAGCATTTCCCTGCCACCGGTCC
ATCGATACCATTGACTACCACATACGCTGACGGTGCAGTGTCTATTGATTTTCCACGTGG
TTCGTTCGGAAGACTATACAAACAGTACATTGACATTAAATACACATTTGTTGGTCACGA
ATCAGCGGACAAGTTCCAAACCTTATTATACACCAACAACGGCGTCGATCCTGCCGAACT
TAAATTCGATCGACCTATCCTGGCTATATCGTCAAACAAAAATCCAACTGAATGTCGTAA
CAAGAATCTGCGATTATGGCGGCGCGTTGAGACGCAGCTGGTAGATGGCGAGCTCATCAC
ATCCGAGGTTCTGGTTTTGCTATTCTACACAAGCGCGTTAGAAGAAGAGAAAGGTCACTG
GGTCGAGGAGCCACATTACGCGTTCGAGTGGCTTGCAGATTCTATCTACAAGAAAGAAAG
CGACAAGCTTACTCTTGTCTTTTCAAAAGACCCATCGCGTTGGGCGACCGATAAGCTGCT
CAAACGCCGCAAATCATCGACCCGGTCCGAGTCCGAGCCTGTGAACTCTTCTCTCTTCGA
AAGGAAACGAAACGACTCTATGGAGATGCCAGAATTGGCGCGATCAGAAAGTAGGGCCTC
AGGGTCACTGAACGGCTCGCTCCAGTCGCCGAGGAGCATATTTGGAAATGGCAGTGGATT
TTCGAGAGCGGGCAACTTAAATCGGTTTGGGTATTCGGAATTGGACATCAAGTTTCAAAG
CAAGAAGGATAGAAGGGCATTTCTAGATGTCTGGAAGCAACACGTGAAGCCGTTGGTTGC
GGCTTCATGATCCCACGTTACAGAAAGGGAGACATTACCGGGGTGTACTGTACTATGGAG
GAAGAAGAAGAAGAAGAAGCACAGCGCATGATCAGGCTGGCGAGAACGACGGTGTTG
GCTGCCAATATAGGCTAATATACGCAAAACACGTTGATACCAATAGCTGGATGGTAATGA
GTGAAAGTCTTTCTATGAAGCCTTTTGTAGCAGTTCCGTTAAATGTCACATTATTTTGTT
TGTCTATGGGGTACTTGGACAACCTCGTGAAATAAAATGAGTTTGAGTATAGAGGAACAA
TGCTCTACCCGATCTCACCCATGGTGGCTGATAAGAAGACAGGATCCGTAAAGTTCTTTT
CGCTGCGCGCTCATCGTACCCAAAACGACGCTTTGCGCTACATTATGCAAGGAGAAAGAT
TGCGTTTCGGTTTTTCGTCTGTTTCAAATGATGCAGCATTAAAAAGATCGCGACTAGATG
AAAAACCTGAAGTTTCTTTTTTGTTTAAAGACATCAATACAGACAGTTGGAATTATGTCT
CATTTTTCTACTTCTATTCTGTATATCTTCGGCATCGATCTAAAGTAGGAATAGCTGGCG

ACCATCCCGGTAGGAGTGCGCACGATACCTGAACACATCGTTAGTGCGGGATAGACCTCG
TCATGACCCATACGCTGCATGCGTGTTACGTGTTCACCTCCTTGGCAATCAGAGGCGTAG
AATCGCATGTGATTTAGTACACCTGAAGCCATTGCCAGCATTTGGCGTAGTGCCTGTTGG
AAACGAGACCTACTCAATGTTGAGGACGAAAGGTTGTAAAGCCAGGGCCTGGACCTTGCG
TGATGCAGCACAGCTACGCCACAACTTGATTCATCCGCAACAGGTTTTTACTGCATGTGC
GTATACGAAGAGGCGTTTCTGAGGAGGGGCACAATCCCTGTTAGGCGAAGCGATGCGTAC
ATGACTAGATATAGGATCAATGCTAGAAAATCGAACAAGCTAACCATGCGGGACTATGCA
CATCATTTGGAGAGCAAAAGGTTGGATAGACAAGAAAGAAAGTATAGTAATAGCATTTGA
GAAAAGAAAATGATTATGGACAGTTCAGAAACAACAAAGTAGTGCAAGCCTGATAGCATG
CAGTTCTCCACCTCGAAGCAGATCAAGCGCAAGTCGTATTGGCAGACATTTTGCCAAACT
CATCCACGCTCGTAACAGCACCTTGATCGTCGTATTCGATCCTGACTTGCTGGTTACTCG
AGACAGATGGATCGCCGACGAGGTAGTTAAGTGGCTCGAATCGCATGGCAGAATGCGCAG
AGCTAAACATTGTGTTTGGCAAATCGCCAGTATGCGGGAGGTGGTGCATGCCAAGGTTGA
ACCAGAGTACTCTGTGTCTTGTTAGTAAGGTGTTATATATCATCAGCCGCGATACTGATA
AGGAATGGGATTACGAACAAGTCTTCCTGCTCCAAAGTCTCCTCATCGAAGAAGGATGCA
AAATCTACCAAGGGATCATCCTTGTTAAACTGGTTGTTGGCATCCGCAGCCCTCGGCTCC
GTCTCCTTTTGCTGAGTAACGTAAAAGTCGTGCGTCACAAAGGCACCCGTCTTGCCAGTG
TTTGTCGAGTTTGTTTGTGTGAGATGGATTGTACCGGCAGCTCTCTTGATTCTGTAACCC
GGGTATTCGCCGTATGGGTTCGGTGTATCCCTGTTCACAATGGCGTACAATGTGTTATCG
TTCTCCGCCCAATTGATCTTGGATTCGCTCTCGTTGGCTACCCATGATCGCTCGGCTTTA
AAAGTGTTGTATACTCGACCTTGACTCCAGGGATATGTCGTGGAAGTTGGCACAAATTGC
AGTTTCTGCACACTGTTCTTCCTTCCGTTGATATCCAAGTCCACCTTGAATGTGAGGGTG
TGGTCGTGTGAGCTACCTGAGAGAAAGTCATGGATGTGGAAGCCGTACTCCGGTTGGCCA
TCCCAATAGGCAGCGGCAATATATCCAGAAAATCGAGAGGATACTTCGATGCCTCCGTCG
TAGAAGAAGCTGTAGTCGATCATGAAGTCGTAGTTGCCTACTGTGGCTACGGTACGCATG
ACAAATTGGATATTCTTTGCTACACTGGTGTGTGGTGCGGATGGTGAGAAAGAGTGGCGG
CGGATCGGGTAGCCAGCATCAAACTCAAATATGCATATAGCATCCGCTTGGGTCTTGAGT
GTATCGCCTTCGGTCCATGTCGCAGGGAGATATGTCGCATGACTAGGGCAGTCGTAACCC
TTGACAAGAGGTTGTAGTGTCGAGCCCATACCACTTGTAGTGTCGAAGAATGTTGCTTGC
GATTGGAAAGGATCGGTTCCGGAGTAGGACGTCAGAGCTTCTTGCAAAGACAACTCGTAA
ATGATACGTCGGCCTTTGTATTTGATGTCGAACAGCGAAAGGCCAAGATCCTGGGAGACA
GCATGGTAAAACGTAAAGTCCATCCAAGATATATATCCCTCTTCAGCATCAATCTTGAAT
CGCTGGTCTCCTTGGGCGATAGACGCTGGCGGTGGTAGATGGTCCAAGGGCATGGGCGTT
CCCTGCCTGTCAGTGGACGTCCAGTTACCCAGTACATTCGGTGGTGGTTTCTGGTAGTCG
GGCTGGTTGATTGCGGCACGGAAGTCGTCAGTACTGGCATAAAACTCTCCTTTCGAGTAC
CAGCCAACAGCTTTCCAATTGTCCGAATTTTGTCCAGTCAAATCAAACTTTACAGCAAAA
CCGAGCGGCTCCACTGTAACACTGCTAAGTTTGGTACCTGGATCCGCAAAGGCCGCCGCC
CAGGAAATTATTCGGCCTTCTTCATCCCAGAAGGGACTACCGAGCCGGAGACCAATGCTA
CCAGTAAAGAAAGTCTAGACATGTAAGCTTTTGCTGTTACCTAGTGCGTATGTCTTCTAA
CTTACAGTGTTGAACAGTTGCATTGAGATATCCTCGACCTCTGTCGAGAACCTCGTGAAG
AAACTTGATGCTTCATTAGGTGAGTACAAAGGATGCATGGGAGTTCGTCCCGGTTGAGAG
TTTTGGAAAGGAAATGTCAACGGTTCAACCGCAGTGGCGTTTGTTGCTGGTAGCGGCCCT
ACCAAATACTCTTGCCAGTATTTCTCCGTCGAGTTGGTGGTACCGCTTTGAATAGTTGCT
CGCGCATAACGCCTTGGTGCGGTGGCATTGTTGTCGAGAAAGGGTAGAGTGTCCGTCTTG
TTGGGATGAAGAAGGGAAAGCTGTACGCTGAGATGGTGTTAGTAGGCACAGTGATGTTTT
GGATTGCCAGACTCACACAAAGTTATCTCGGCTGGATCCTGTGTTGCCTGTCAAGCTCAT
TCTCTCCTGTAGAAGCTCATTGACACTAGCAGCTTCTTCTTCGGACAATGCCTTCCATGG
GTTCTCGTACGGCGCGCTCACTGTGGGTTGGCGATCGTTTGTCGGCGTATCTTGTGCCGT
CGCGAGAGAGGCCAAGACGGCAGCACCAAACGTTAGAGACGATGTCCACTTCATGTTGAC
TCGGAACGAAAGTAAACGAGCGTGCAGATTCCGAAATGCAGGTCTCTGCGGATTATATGC
CCGTCTGTTGGCCCATGCCTATACGGTAGCACAATACCCCTAAGGGCGTTTGTGCAGTCA
TCACACCATAGCTGGCTCGCGTCCTTAGCGATGAGGAGCTATGCCTCAGACATCGGTTCT
GTTGAGCAGGCTGAAAAAACAATATCGCGGTGTTGCTTTGATGCACGCCGTGCGCTAGGA
AGGACATGATCGGCGGCACGGTTCTCTTCTGCATATGTGCGAGGGGAATTCAGCTCCACA
CCCCAGCGACGTGCATCCAAGCGCCTTCGTTACATAATACGGCCGCTCTCACAGATTTCG
AGGCAAAAAAGTACAAGTGACTGCACTGCATCGACAAAAGAATGTCTTAGGTTAGCAAGA
AAGTGTGGTTGTATCATGATTGAAGTGTCACGCACGGTTGGCGACTCAGGGGCGGGGGCA
TCCCTTCCGAAAGCTTGGTACGGCAATGCACCCCGCAAGAAACAATAACAGGCGAAAGTG
ATCCAGCAAACAAGCTTTTCATGGCTACCTGTCGGTTCCAAGATTTGGTCGCCGATGCTA
CCTACGTGCTTCTGGAACTCTGCAAATAGAACAGCCTGCGTTTCCACGCATTCCCCAACA
GCTGAAGATCGCCCCCGTCTCGTCGTTCGCCACGCCATCTACGTACGTAGTTCCAAATCG
CGACGTCCCATCATTGCCTTCTCTAGTCGCCCGCTTTTCGCTTGCATTTTCCATTCTACG
TCTTGTCGTTGTCACTGCTCCTGATGCTGTTGTTACTGCGATCCTTGTACCGCTCACACA
TCCTCTACGCAGGTTGAGGGTCGTTGTTCTTTCAAGGTTGGATCTGAGCTTCCAGGACCT
TTCCTATCAATACCGCAATTTCCGGAGCTTGAGCTTCCAACTTCATCGCCATGAATATCT
CTGAATTTCATCTCGTTGTCATGGCCATGTATGCCCTCTCATCCTTTGCTACAAACTTTT
CTAGGGCCAAAGGGACAGTATAAGCAGGATTGCGAACATCAGCTTCGAAAGCGATATCAT
GTGCTCTGTGGGCGGCTAAGTATAGTCTTGTAGTCAACTAGACCAGGCCTTTTTCAGGAC

CTGGATCTCAATAGCGTTGGTGATGGGATCCGCGTATAGGATGAGGATGCGTTCTTCAAT
CTTAGTAGCCTGCAGCGCAATCTTTAGGTCGGTCTGGCAGATATTGGGGAGACTATGGAC
GACTTGCTGCACGGAGCGAATGCACTCTGCTTGGTGAGCTACTTCGGCCATAGATTGGAT
CGCCCGGCCGCGCTCTGCATCGTAGGTGGCCTCGCCCATTTCCTTGAAGAACCGAGCGCG
CACTGTCTCACAAGTAGCGTCGTAAGACGGCATTACCGTGTATCAAGGGGTAATGTGCTG
ATCTTGGCTTGCGACAACCTGAATAAACAAATATCGGAGAGAATTGGTCGTGGTGGCAGT
CGGTACGAGGGTGGCGTCCAAGTGGATCGCAGGATTGACAGAGGCAAGACAGTATTAGCG
AGGGAGCAAACAAACTCACCGCTCTACTTGCTTGTACATGAGAGAAGGACTAAGACATAT
GACGCTCGCAAGTAAACTGCTTCTCTTGTTTCCTGTATTCTTCCGATGTCCGGCACTGCA
AGCAGGAATGTCATGATAGTCAATACATTCATTCCACGTTCCTACTAAGCGAATACAGTT
TACGTCTAGTGTAGATGACCTTCCTGTCCTACTTGGCTGCCACTTTCTCATTGCATCTCT
CGGAGCCGCACTTGTGTTCGAGCAATCTCTAGCCTGCAATGCTTTTGCCAAATGGCCACT
CACGCATTCGCTGGGGGTCCACCGCCTGCGTATATGTACAACGTGCGTAGTACCCCAGTA
TACAAGTCCTGCTTGCTGAACAGGGAATATATTGCTATTAGAATAATTACGTACGCTTTC
CAGCGGAAAGACCCAATCATGGTAGAAGTTAATGAGTTGTTCTGGTGCGGTAGTTGGAAA
GCGGCGTCACACCAGAGATATTCGATACATGGCCAGAGCATTCCTAAAACTACAGCTAGA
GCTGTCATGTGCAATCTTTTGTACGACAAGCCGGCTTGTTTCACGTTCAGTAGCCATTTT
TCGTTCTTCACTTCGAGGTCATGATCGCCACACCGCTCGACTTCTCAAAGAACGATCGCA
TACTCAGGAAAGATAGCAGCAGTGACATGTCTAACGTACATCGAATGACAGTCTACAAAT
AGCGACCGCAGCAAATCTCTAGAGCGTGATCCAAGCCATTCGATATGAGCGCAAGTTGAG
TTCAACACCAGCAGTCCAAGCATCTATGTCTAGAACATAATCAGCGGCATCAACGATCCA
CGATTGTTCCGATGCTTAGACATTGCGCTGGATCGAAAACGTCTGGAACTCATTTGTGTA
TCCCTTCCCATGTACTTCAACTGGTCCGACCATGAAGCCAACTCATGCATACCTGTTGCA
AAGTACAATTTGCGTAACAACTTTGATAGCCTCTCTATCTCACGCGACACATAATAAGAC
TCCGGGCCATCTTGATCGAAACCGTGCTTGTAGTAGCGATGGATACATTTGTATGCCTCC
AGGACGTGGTCGAAATATGGTGATGCTACCATTCTCAGCTCAAAGAGGCCCTCTTCCAGA
CTCGGCTACACATTGTTAGGCGGGCGTAATCAGAAAAGGCTAAGCGGGTAGCATGTAGCG
TACAATGTTGTCATGAGTAACACAAAACTCGCAGCATGGACCTGCTGCGAGCTCTGAGAA
CGCCCACCATGGAGCTCGCAGCCTTCGAGACGATCGAGGATTGGTACAGCGCGCATGTGA
ATCTAAGAAGTCAAAGCCATTCGACCACCACGGGTATGTCTGATATGGCATTTCGTGTTC
TCTTTGTTGATGATGCCCAACACACCACGCTGTGAAATAATGAAAAAGCAGTGCGAAGAT
AGCGGTGAAGTAGAAGAGTTGACTATGATATGGCTACTGTGTGCGAAGGTCCTTATACTG
CTGGTCATTGTGCTTGCTCACGTCACACACTTAATACCAGCCCTGCTTCTTGCACCACCA
CAAGAATCGGCAGAACGAAAAGGCAGCCCAATTGTACCACGCAAACGAAGTGGCAGTGGT
GAGACAGTAGTCATGCTCTGCACGTCAGTCCAGGATCAGTAGATGTGGACCAGGCGTTGG
AGAGGGACATGATCTCGTTGGAGAGTTGTTACGAGGCGCAGGGGTTTCGCAGCAAACAGC
TCGACAAGCCCGAGGTTCGCGTGACATATTCACCGCTGACTGAGTGATGCTGGGCCATGT
TCGTAAGATATGTGGGAGGCGGAGAAAGGCGCGTGACAAGATGGGTTAGAAGACTTTTGG
GGCGGGACGCGCACCGACCACCACTTTACGCGTCGCGCGTGCTTCGTGTGCCGCTCAGTT
CCTTCCATGATTGACGCTCTCACACTGTCGGCAATTGCAACGCACCCCTCGCACCTTCCC
ACAGCATACCCAAGATGGCCTCTACCGTTCTCGGCAAGAGGACTCGCAGCTCTGCACGTA
TAGAAGCTTCAGGTACGAGCCACGGCGGCTCTGGTCGCGGTTCCTTGGACAACACGTCCC
TAACGCGCTCTACAGAGTCAAAATTAAACATCGCAACGCGCACAAAGCGGAGGACTCAGT
TCGTTATACACGACGAAGGGGAGATTGAGAATCCCTTCGTCACTCCAAAGAAGCAAAATG
TGCGCGACGAGGATGCAATGGACGTGGATGAGCCCGAGGAGAAGGCGTCGATAAAACGCG
GAAGGAAGACAGGCACAACTCCCGCAAAGTATGCCTCGCAATGCACACGACTCCCCGTTT
CCGCAGCCAAGGAGAACTCCCCGCAGAAGGCGCTCGTGGACATCCCAGAAAACTTTGCGC
CTACTCCTTCGACACCGAGACATCGCGACGCGCTTGCCGGCAAAGTTGCCGTCACACCCA
GGCACCGACTCATCATTGCCGGTCGACCTTTGACACCGCGCACACCACACACCCCAGGCA
CTCCACGAAACACAGGGCCGACAATCTACAATGAAGCGCGTCAGGTATTTGCAAGAGGCT
CTGCCCCAACTGCATTGTTTGGTCGCGAAAATGAAAGGAAGGAACTCGACACGTTCATCA
CAACACGAACTAAGACGAAGACATCGGGCTGCATATACGTCTCCGGTCCGCCAGGCACCG
GCAAGAGCGCTTTCGTCAACGACGTCTGTCGTACAGTCTCATCGGATGAAGCCGTTAGGA
CCGGATACATCAATTGTATGAGCGTCAAGAACGCCACAGATCTCTACAGAACCCTTTTAG
AGGAGTTCGTCGACATCACTGAGATCGCAGAGGGCGACGAGATGGATGCGCTTAGGACTG
TTTTCATGCAACGGAAGACATCTTACGTCGTTACGCTCGATGAAGTGGACCACCTGCTGG
ACTTGGACATTGAGCTCTTCTACAACATCTTTGAGTGGTCGTTACAGAAAGAATCAGGCC
TTGTGCTAGTTGGCATTGCGAACGCGCTGGATCTCACAGATCGATTCCTCCCGCGACTCA
AGGCTCGCGGTCTCAAGCCGCAACTACTGCCGTTCCTCCCATACAACGCCACACAAATAT
CCTCTGTCATCACCTCAAAACTAAAGGCCCTTCTCCCACCAGGCTCAACCCAACTACCAT
TCATCCACCCAACCGCCATCATATTCCTCTCCAAGAAAGTAGCCGCCCAGTCCGGCGACC
TACGCAAAGCCTTCGACATCTGCCGGCGGGCAATCGACCTCATCGAAGCCGACACGCGCG
ACCAACACTTGAAAAAAGCCACAGAAATCACACCATCACCCACGCCCTCGCCCTCGAAAA
CCCCTCTAGTTGAAAAAGTCAACCTCTCCTGCTCAGCCGTGCGCTCACCCACCAAAACCA
AAGACCTGAACAGCATCATCGCTGCCTCCCTGGGCTCCCTCACTGTCGAAACCGCACCCC
GCGCCACCATTGCCCACATGGCCAAGATCACAGCAGCAGTATTCAGCAACGGCACAAGTC
AACGTCTGCGAAACCTGAACCTCCAACAAAAAGCCGTCCTCTGCTCGCTCTCCGCCATTG
AAAAAAGGAAGCGTGCCACCGCTGCCGACAGCATTCTAGCCACACCGTCAAGATCCCACA

CTACATCTCCTACCATCAAAGAACTTTTTGAAGCCTACACCGCGCTGTGTAAGCGAGAGA
ACATTCTACATCCTCTTACGAGCACTGAGTTCAGGGATATCGTAGGCAGTTTGGAGACAC
TGTCGCTTGTTTCTGCAGTGGAGGGTAAAGCTGGGTCGCTGGATGTTGGCGCTGGCACGC
CTAGTCGCAGGGGGAGGGGTAAAGCTTTTCCTGGGGTTGTTGTTGAGGATCGCAGGGTTG
CTAGCGTTGTTGGAGAGAAGGAGTTGGCGGATTCACTCGTGGGGCCTGGAGCTGGCATCC
TCAAGGGTATCCTGGAGGGAAACTGAAAAGACGCTGTTGTTGTGCTTTTGGATCCGGTCG
CATGGAATGGGGCTTGATTACGGATCATATTGTGACATCCTCGATTGAGGCTCTGTGTTT
GTCTACTTGTTTTGCGAAGCGTGGCGCCAAAGTTTTTGCACCTGCATCATCGCTTGTGTT
ATGAGCAATAGTCTTTTAGCGTAGCATAGCCGGCTTCATTCAGGGGCATAACAGCTGTAC
ACCAGAAATGCAGTACGATTTCAACACGATGCACTTTCATATGACAGTGATTCCCAAGAT
TCATCAATGGGTTAAAGACCGAACTTTTTGTGCTTTTGCATCTTTTTATGTCTCAGAGGT
TATGGTATCATTCATCTTCATCCCATCCATGCAGATCCTTGTATTCCAGGCTTCAAGACA
CAGGTCCTCAGACCTTGACGCCCCCTCCTTCCACGGCATCCTCTTTGCTCGCCTGGCTCT
CTCCTTGTTCATCCGCTACACCGTCCCCACCCTCTTCCTCCTCCTTATCCTGCCTCAACG
TACTTGTCGGCACCTCACTCTCCATGCCCGCCTTGCGAAACACAGCCTGCATCCAACACC
TATACATTTTCAACCTCCTCTGCCTATTCACCAGCATACGTCTATCAACGCCAATGTGCG
CAACCTCAAAACCCGGTCTGGGGGTCTCGGGATCATTAACGTCATCATGACTCTGCTCTC
TCGTCTGCGAATCCGGATCATGAAGCGACAGACTCTCAATCTTATCCGCGATGACGCCTT
CAGCCTCTGTCTGGGATATTGTTGTATCCGCCACATTGCCAACCGTCGTATCGCGTTTCC
TGGCTGCTCCACCCCAAATGTCCTCGAGCTCAGACTGCTCGAAGAAGTAGACTCGCGTGC
CGTCGCCGCGGACGTAGAAGTTTTCTTCCATGTACCGGCCTTTTTTGAAGCGGACCTGAG
CTAGATCGCCGCGTCCGTAGTCGCGGAACAGGACCTGGCCGCCCGGCTTGAGGACCCGCC
AGATATTGCGGACGGCTTGGTCCCATTGCTTGGGATTTAGGGCACTGAAGATGAATATCA
TGAGTACGACATCCACGCTGCCTTCTATCAGCCCTGGAGGGAGACCGCCGTTTTCAGAGT
CGGGCGATGCGGCTACGTCCCATACGTCGGCTTGTATGCGTTCCGGGTCGTAGAGTTCGT
GGTTACGTATAAGCTCGACTGCCTTTTTAGAGAAATCGCATGCGTGTATCTTCAGCCTCT
TGTTTTGGCTCCTCTGCAAGATGGGAAACGCACTGTTGCCCGCTCCAGCGCCAACTTCCA
ACAAGGTAGCCTCGGGTCCATCTTCTGCACCCAGTTCCTCTAGTATTGGAAATTCCTGCG
CCAGCCATTTGCGATTCTTGAAGAAGTTTGTCTTGTTGTTCTTGTAAAATTGGTTCCACC
ACTTCTCGGGCTGGTCGTTGTAACGTTTGCGATCAAACTCGGAGACGGGCTCTTGCCGTT
GTTTGGAATATTGTTCTTCGGAGAAGGCAAGGTAGTTGGAGTCGACGGTTACGTGGTCCC
AGGCATTGAATTCGAAGATGTTGTCGCCTTCCTCGAGGTAGCGCGATCCGAATGCGAAGG
GGTCACTGCGCTTTTGGTTGTTGCCAGGGTCGTGGGAGCGAGAGGGTGGTGCGCGGACAG
GCTGTAGAGAAGCAGGTACTCCGTAAGCGTCGTTCTCGGGGCCTTGTTGCGTGGGTGGAG
ATGCGGCATCGGAGGCTTCTGGCGGTGGCGTGGAAGTCGAAGTATGCGGTATAGGATCGA
CTGTGACTGCGAAGCGCATATGTTCCATTGCTTTGGATAATTGCTGTTTAGGCTGTGGCT
TCCTTGACATGCTGTTGTCCGTCTGGAATCTGGAGTCGCCACTATCCTGAGAACTTGGGC
CGTCCATGGCGTCTGTGTTTGCGCTTTCCATGGCATCCATTTTCGCAGCCGTGGCCGACT
TTTGTTAGAGTCGCGTACGCGGGGCATGGGGATAATTCATGGAGGGGAAATTTCAGCCGC
TAATGTCGAGAGGAGTTTAGCGGCCGCGGTCCCTGGCAGCGTCATTGCAGAGCCGCATCT
CCTAGCGGCGCGAATCCACACTCAACTGAAGGTTGATGCGCTCATCGATTCTAGGCTTTC
GGAAAACCTCAGGTATCATGTCGAGGTGACACTCTCAATACAAACTCCGCTGTCCACTGC
TCTAGATCCACAATGGCATCCTTGCGATCCGCTCGCCCATCGGTGCACCGCTACACGCGT
CTTCCCCAGCGCCTCCCCCAACGGCGAACCTTCCTCCCCAACCCTTTCGAAGCACTAAAC
TCCGCCCTCCCATCTTCGTCCTCGCCACCTCAAATCCTGACCGCCGTGCGAACTCTCCCT
TACCCCTCGGACCCCGTCTACTCCATCATAGCCGACGTACCCAACTACCAAAACTTCCTG
CCCTACTGCCAACGCAGCGACATAACGAAGTGGTCGGCACCAGATAAAGTTCATGGCCGG
CGGTGGCCATCAGAAGGCATCTTGACGAGCGGCTTTGGTGGCATAACCGAGAGTTTCGTG
AGTAGGGTGTATTGCATACCGGGACGCTATGTGGAAAGTGTAGGCGGGAACACGGAAACG
AGCTTGAAGATTGACGATATCGCCCATCACTTAGATGGGGAGAAGCAGGGAACAGAGAGG
AAACAAGGCGAAAATGGTTTGCTTACCCATCTACGGAGTACGTGGACTGTCGAGTCTATC
CAGAACGACCAGACACAGGTTAGTTTGGCGGTAGAGTTTGCTTTTGCAAATCCCATGTAC
GCGGCCTTGAGTGGGGGCGTCGCGCCCAAGGTGGCAGAATTCATGGTCAAGGCTTTCGAA
AAGAGGGTGCAAGAGCTGTTGAACAACAACCCGGACATGGTAAAGGCGAGTTTAGCGGAG
CTGGATGGCAGTCGATTGAAGAGGTAGCACATGGTCTTCATCAGAGGGCTACAGCAAATC
CAAACGAATGGACAAACAATCATGTTCGGTCTGTGTGTGCATCAATCGCAATAACATTCT
TCGTCCACTACTTCATGCTCTCGAAATACTTCTTAAATCGCGGCTCGCGCTCCAGATCAC
ATCGCAACACCGCGTCATAACAGCTCATCAGCAGCTGCGGGAACTTGACCGTCCAATATC
TCAGATAGCCACTCGGCAATGGCCCCACCTTGGCCTTGATTGCATCCTCCATATCCTCGT
AGTGGTTTTTCTTGTTCCTGAGCGCTCTCAACAGATCCAGCATCTTGTCGCCCGTATACT
TGCGCTGTTTTCCGAGCGAGTTGATGAAACTCTGGTCAAGTTTGGCGAGGAAGTTGCGTC
TATGATCCAGTACGTCTTCCGAATATTCTTCCAGCACTGCCAGGTGTTCCGATGGTGGGT
CTCTGGGTTCACGTTCCCAATGATCCGAGCAGTCGCACAGGAAATCAAGGCGTTTCTGAT
CGTCCCAGAAAAAGGGATGGTTCATGACTTGCAAGGCGTTGGGGCGGTCTTCGGGCCTGG
GTCGCAGCATCCAATGGATGAGACGATGGGGCTCTACGGAATCGGCACCGAGAAGCAGGC
GATCGAGATTGGACTTCTCTTTTTTGATGTTGTATTCGCGGATCTGCATCCAGCCTTCTT
CGTCATCGAAAGGATGGCAACCACCAGTGAGGACGTAGTAGAAAACGCAGCCCAGAGAAA
ATATGTCAACGGCTCGCTTGACGCCTTGCGCGACCGGGTCTGTAGAGCTTGATGAATCGC

GAGAGAAGCCTTGAGAGCTGCCGTTGGCCAACTCCTTCGGTTGCGAGATAAGCTCAGGCG
CTTTCCAGCCAACCGTGCCTGCATTGCCAGTCGTTCCGACAAGGGTACTGACGTTGTCAG
GCAGCGTCTTACAGAGTCCGAAATCAGATATCACTAGCCGTACATCGTCCTTGGAGGTGA
TCAATGGCTGTGCAATCAGTATGTTCTGGGGTTTGATGTCGCGGTGGATGATGCGAAGAT
GGTGAAGGTGATTCAATCCAGCAGCGAGTTGGTAGAGACAAGCTGCAGCTTTCCCGCTGA
TCTTGTTCACCAACTGCTGGTGGCTTTCAGAAAGTTCCTCTCCTGGACGACCGTCTTTGT
AAAGGTCAAACAGACTAGCTTGACAGAGTTCGACGGCGATATATAAGAAGTTCTCATCCC
TCTCATCGTCAAAGTATCGAATAACGTTCGGGTGCGGGTCGCTGTTCTGTAATAGCTTCA
CCTCTTGCTCTGCGAGTCCGAAGTACTGTGGTAACATGCGTTTGACAGCCACCTTGACTT
CCTGCAAAGAGAATTAGTATGAGATACTCATCGAGAATGCGTGGAAACCGTCATTGCTGG
ACGGCCGACATGCTCAATCGTAACAGATTGACTTGTTCAACGTACCTTCCATTTACCCTC
AAAGACAAACGTTCCTCCACTTCCGTTGCCAAGAAGACGATCTTGGTCGATCGTCAACTT
GCCGATCCGTTTGATCTCGGAGACATTCTGTACATCGCCACCACTCACAGTAAGTTCATC
GGGTTGCAGGCGAGGCCCGACCTCGAGTTGCTTAGCTGCGTCCACGATGCGATTTACCTC
GTCTTCTTCTTTCTGTTGATTCTTGCTGAGCTTGCGTCCACCACGTCTACCCCGATGTGC
TTTCTTCTTCTTAGGAGTCGTGGGCGCGGCGGATGGGTCCTGCGAAATGTCGTCGATACT
GCTAGTCATGGGTTGAGCATCCGCGTTGAGTGTGGAACCAGTTAGGGTAGGTTCGTCTTC
ACTAGGAGAACCACGTTCAACCGTCGTGGTTCTAGAGAGAGGTGAAAGATCTTCATCTTC
GTCATCGGGGACGTTGAAAGTCACTTTCTTCTCCTTGACTTCCTCAGCAACAGGGGCGAC
GATATCAGCCTCTACTACACTTTCTACATTTGGCTTCTCAGGGACGACGTCCTCGCTGAC
AGGCACTGTTAGAGTCTCCTGTTTTACGGATTGATCGATTTCCGGCTCGGTAGAGGCAGA
CAGTGGAGTCGGTGACAGAGTGGCCTTGGCTGGATGCAAAAGTCTGTTGAGGTAGCTCAA
GGAGGACTGTCGTACTGTTGGTTTCACAGTAGCTCCCAAAACGACAACGGCAATCATAAA
GGAAACAAAGAGTGTGATGGATGCTTTTGCCGTCTGCGTTTGAGGCGGCCCTTCAATCGT
TTGCTGTTGAGGGTTTTCATGAGGTGATGTCACAGGCGGATTAGACACGACTTGACCGTT
CAAGGTTGGAGAGTAAGTCGTGGCGGCGATGCCTGGCAATTGTGCCTGCTGGCTGGGGAT
CCTGTAGTCCAGCCTGTGGACACCAATAAGGCTTCTCCTATCCGGCAACACGTAGGCTGA
GTCCCAGTCGTATGATACCTGGTTCTGCTTGTAGCAAGCTGCGTCGGGTGCACCGTCGGT
GACTGCGGGGTAATTGACTTCTGAAAGAGCATACCAAGCCCCCGATTCGGTCGTGTTGAG
CAGGACGTGGTTAGCTTTGTCATCCGAGAAGATGGGGCCGGCTGGTTGTGGGAGCAAAAC
GAGGGGCGGCTCGCTTGACTGATCGTTCAGAGGCCGAGCAACGTCAAAGACACGTGCTAC
CGGGTAAGGCAGACGTTGTCTGTAGAGGGGACGCTGGTGCGATCTCGGTCGCTTGTAGTC
AAAGGCAATGACTTCGCCGTTGTACATGGTATAAATGTACTGCTTGTCCAGGGTCTGATC
GTACTGGGACTGCAAATCTTTGTCTCGGCTGTTTGGGTTCCACTCTGCATATTTGAGCGT
GCATATATGCTCGTTGGTCTTCTTGTTGTGGATGGTGATGGTGTACTGAGTCTGGCCAAT
GTCGATGATGCCACGGCAATCGCGTTCCCGAGTGCTGAAGAAGTTCTTGGAGTCGGGAGC
GCAGCTATCGTCGTAGGGGAAGTTGCCGCCCGGAGTGAAGCTCTGCTTGACAATGCCCGA
GGCGGCGTCGACGAGAAGCATGAATGTCTTCTTCTCGACGTTGTAGACGACGGGGAGTTC
CGGGTCATCGCTAGAGTAGGGTGCACTTTCGGCGAGTTGCTTGACTGTGACACCCAGGTG
CTGTAGCTGGGGGTGGGGGCCTGGAGTGAGGAGATAGAGAGCTCCGTCCTCTTTAGGCTC
GACGACCCACACAAAGGGCTGGTGGTGGGGGCTGGTCTTGTCTTCGGAGACGTTGTAGAT
GGTCTCCAACATGGGCCGTCCGCTTAGCTCCCAGATCTCCTCTCCATTGTATCGGTCGCG
TGCGTGGATATGGCCATCGACGGTCGCCAAGAGAACAAAGTCCTCAACTTCCCAATCCTG
CAGAGAACGCGCACTGGGGATGAGGCCTCCCGAGGCAGCGTATCTGGCAGGATGGGCTCT
GACAGCACTGATGGCTGGAGCAGAAGGAACTTTGGTAGCTACGGCGCGCACATTCTGGTC
GTTCAAGGGCGTGTAGGCATGACGTCTGTGGGCGTCCCCTACAGTGTCTTTGAGGCTGGG
GTGTCCGTGGTGGGGTTTAATTGTGTTTGCATGCTGCACGTGCACCTCGGCGTGGGGAGA
CGTGTTGCCGACATGGTGGTCGAGTGGTTGCTGCTGCTGAGCTGCCACAAGCGTGATGAT
GAGAAGGGCGAGTGTGGTGAGCGTCGAGCCAGCACCGGGCGGCCGGCGCGGACGCGGCAT
GGCGGGTCGGTCGTGCGTCGATGAGTGGGAAGCCTAGGGAAGGCGGCGAGAGCGGGGGTG
ATGGAGCATCAGTGGGAGGTGATGAGGTTTGGGCGGAAGAAGAAGAAGGCCTGTGGCAGC
AGTGATTTTGGCCTCGATATTAACCTGCGGGGGCTGCTGCAACTGTCTGGGCGTGCGCCG
CAAACTGGGGGTCTCGCCGGGGCCTCGTCAGCCAGCCCGCCCACTAAACTCCTTGCCGAC
ACGCCCGCCTGTTTCCCTTGTTTTAGCACCAACCTTGGCCCCGTCGTCTTTGCTGTCCAC
GCAGGTACCGGCAACACGGCCAAATATCACTTCAAAGCATCGTTCTTGTTGGCAAATATC
TCGTCTTCCTCCAACTCTGTCTGCGAGTCTGCCTGCAGCTCGGTCTACGACACAGTCAGA
AGGGGAACACCCGGCTTGCACTCCCCCCCGCCCCAACACCCCCCATGTTTCTTACCAAGT
CCGACTGCCATGCTGCGGCAAGTACCATGTAAAAGTCTAAGATTCCTATTCGAGACAACA
ACATGAAACAGATGATGTGAGCACTTGAGTAGCTCTCGCAACTACTAAGCAACTGTTTGT
TCACAGTCGCCAACCTGTCGTTGCGTGCAACTTCACTCCACATTCGGCAGTGTCCGCCCC
CACTGCCACATATGTGACACGACCAAAGGAGAAGCTTGGTCTTCATCATGTTCGTCTGGA
TGCATTGATGTCTTTCATAGTATACACTCTATCTAGTGTCGAAATCCTTGACGACATCAT
GCCTGCTCACCCCACCCTTACATGCGCTCACGTCTCCGTGGTGCGCTTCGGATGATGTTG
TCTACTCGCAGTAGCAACTAGAGTCGTGTTAGTTCCTTGCTCAAATCACGCCGTATTGGG
TAGACTTACCTCTGCAGCCTCTGATGCTGACGACACCACCGCGCGCTTCAGCTTGTAGCT
CTCAATGACGCCAAGCTCCCTCATGTCCGCAATGCCACCTCCAGGGGACAGGAGATCCAG
ACCTGAGCTGGTCAAGCCCGAGTAGACGGCTTTCCGGAGGCGTGTGACCAGGTCGCTCGA
GTCGAAACCAGCGTTGTCGGCCAAGATGGTGGGTAGTTGTTGGAGCGCCTTGGAGAAGGA

CTCGACAGCGATGGCCTTCTTGCCAGCCACGTTTTGTGCCGCCTCCGCCACGGCCTTTGC
CATGTTCATCTCGGCGCAGCCACCACCCAGCGTTGTCCTTGGCTCTTTGATCGTCTGTGA
CAGAACGGCAAGTGCGTCGTGTAGCGATCGCTCGGCCTCGTCGAGAAGTTGCTCGGTTGC
ACCGCGGAGGACGATGGTGCATGCCCGTCCGGCATTGATGCCCGAGAATCTGATCAACAC
ATCCTCTCCGATGATGACCTCTTCGACTAGATCGCAGTGGCCGAGCTTGACGTTCTCTGG
GTGGTCAAAGGTCGAAGTGATCTCTCCACCAGTGACTAGGGCTAGGCGCTCAATGCCGTC
AAAATCGGCATGCTCGATGGAGCAGATGCCAGCATCCGCGAAGAGTTGCTCTGGCCAGTT
GTAGATGAGCTGTCGGTTGACGAAACAGTTGATGCCGTGTGCCTTGATGCGCTCAACCTT
GGCCTTCATCTTCTCGCGCTCAGCCTTCTCCAGCTCAGCGAGCTTGCCTGTCGAGTCGAC
CTTGACCCGTGCACCGAAGATCTTGATCTTGTCCGTGTCCATGGCTGTGTTGGCAACCAG
AATCTTTGCGTTTTCTATCCGCTTTGGCTGGTTCACACCGAACTTCTTGTCCAGGATGAA
TCCCTCGTCCAGGTACGAGTCCTTCAGCTTTCCGCCAGCCTTTTTGATGATCTGAATGTG
CGTGAGGTCGGTCGATCCCCCCAGCTTGAGGACGGCGTCGACGGCAAGTTTCGCAAACTG
TAGTCGGTCCTGCGAGAGCACTTTTGAGCTCAGAGTTGTTCGGGCAATGGCCTCGAGATC
TTTCCTGAAAGCCTGCTCGTCGCTGCTGTGGTCCACGGCAATCTTCTCCAGGGCTTTGAG
AGCCGCAGAACTCGCTATCCTGTAGCCCTCAATGATAGTCTGGGGGTGGATCTTCTGGTC
GACCAGCTTCTCTGCCTCTCGCAGCAGTTCGGCGGCAAGGACAGTGACTGATGTCGTTCC
GTCGCCGACCTCGTCATCTTGGACTTTTGAGATGTTGACCAAGACTTTGGCAGCGGCGTT
GTCGAGGGCAATCGCTTTGAGGATGGTAGCGCCGTCGTTTGTAACCATGATCTCGCCGGT
AGAACTGGAGACATGTCAGTGCAGGCATCATATGGCGGGGCAGGAGGCGGCACCTACGCA
GACTGTAATATCTTGTCCATGCCCTTGGGGCCCAGTGTGCTCTTGACCAAGTCTCCGACG
GCGATGGCTCCTACAAAGGCCGAGAGACGCGCATTCTCGCCCTTCTCCTCTGTGACATCC
TCCGCAAAGATCTGGGTGGGGTTGGACTGCGTGCGAGTGAGTGCTTTTGTTGCTTTTGCA
GCGAGGCGTGCGACATACCATCTTGAACGCACTCGTAAACAGGCAAAGAGGGGTATCTCG
GAAGGTGTGGGGTTGTTGGTTTGTGGTGCCTGAACGCGACTTTTTTCTCGACCTGCCCGC
GTTGAAGCTGTGTTTGCCGTGTTTGCGCCCGGAGCTTCCCCGGCCAATGGTTCCACCGGC
GCCCGTGACCTTTTGGATGCCTACAACTTTCGCTGCTTCACCACTCCAATTGCGCGAGCA
GCTGTATTCGACCTGGACTCGTAGCTTCTTCCAGCTGCCACTCGACTGCCGTATCCTCGC
GACACTTTTCCCTGCGCAAAATGTCCAAGCGACCGGCGCTAGAACCGCTCGAGGAAATGT
ACGACGCGCCTTCTCCAGCACCAAAGCGCGCCAAGGTCGAAGACGAAGAGATGGAGAGCC
CTCAGCCCGATGGCGCGACTAGCAATGGTCATCTCATGTCACCGCGCGAGCAATATCGAG
ACAAAGTAGACATCACAGGCGCATACGACGAGGAGCATGCCGAGCTTGAGGAAGCCGGCG
CATTAAACGACAACGACGACGATGACGAGCCCGCAATCGCTGCGCCGAAACGCCAGACTG
CCCCAGAAGCCGGCTACACAGATCTATACCTTGATACGATAAATCGCAAAGTCCTCGACT
TCGACTTTGAGAAACTATGTTCCGTTACCCTCTCCAACATCAACGTGTATGCCTGTTTAG
TATGCGGGAAATACTACCAAGGTCGCGGCCCCAAATCGCAGGCATACTTCCACGCGCTGG
AGGAGGGCCATCACGTATACGTCAATATGGAGACAAAGAAGGTCTATGTGCTCCCAGAGG
GCTACGAAGTGACGTCCAAGTCGTTGGACGACATCAAGTTCGTTGTGGATCCGCGTATGA
ACAAAGAAGAGGTTGCGAAGCTAGACAAGGAGCCCAAGGTATCATGGGACCTCTCCAATC
GAGAGTATATCCCAGGTTTCGTTGGTATGAACAACATCAAAGCGAACGATTACTTCAACG
TTGTGATACAAGCTCTATCTCATGTTTCTCCTTTGCGGAACTATTTCATGCTGGAAGATT
TGTCGACCCGGCCGCAGCTCGCACAGCGCTTTAGCACCCTCGTCCGTAAGATTTGGAACC
CACGGGCCTTCAAAACTCACGTCTCACCCCATGAACTCCTCCAAGAGATAGCTCTTCGAT
CATCAAAACGTTTTACTCTCTCTGACCAGTCAGATCCCGTCGACTTCCTCTCATGGTTCC
TCAACAATCTTCACCTAGCAGTCGGCGGCTCGCGAACAAAACCCAACAGCAGCATAATCC
AGAAAGTGTTCCAAGGCACGCTGAAGATCGAGCAACAAGAAATTACTGCGCGTGCTGATG
CCGGTGATCGTCTCCGCTTCGAAGACGCCGCCGTTCAAACCGAGATATCACGTTTCCTCG
TGCTAACCCTCGACCTACCGGCAGCCCCTCTGTTCCAAGACGCCCTCGAGAAGAACATCA
TCCCACAGGTCCCTCTTGTCAATATCCTTTCAAAATACAACGGCGTGACTCCACAAGAAA
AGTCAAAGAACCGCGTTCGCTACCGCCTCCTACACCCCTTACCTCCTTACCTCCTCTTCA
ACATCAAGCGCTTCTCCAAGAACAAATTCGTCTCGGAACGGAATCCAACCATCGTCACGT
TTCCCGTACACTCTCTTGACATGTCACCGTACGTCGAGCCGAGTCAAGACTATCCTCCCG
GCGAGCCTATCTGGTATGATCTTGTAGCCAACATCACTCACGAGGCGGTCAAGAAAAAGG
ATGATAGTGTTGAAGGTGAGCAGGAAAGCAAGGTTTGGAGAGTGCAGGTCAAGGATCGAG
CGAGAGAGGAGTGGTACGGCATTCAAGATCTGTATGTCGAGAAAGAGAGGGCTGAGACGT
TGTTTACCAAGGAAGCATATCTCATGGTTTGGGAGAGGAGAAAGGGGCAGAAACCAAAGG
GGCGGTAGGCAGAGGAAGTGGTGACTGTCTTGTACGAATATTTTAGGGAGCATAGTTGGA
ATATCGTCTTGTCGAGGAATCAATACAATGACTCCCTGCGCCTGGATTTAGTATCGCAGA
TGAAGGATGTCAGCCCCCAGTCATTCGTAGCACTCCTCACATAGAATATTGCTACTCCAG
ATTTGACCCGACCACATCATTTTCGGACTGCCTTGAAGCTTAAAATCCAGCCAAAATCTA
CCCGACAGAACCAATAGGCTAGCCGGATTGACTTTTTCATGAGATGTGTGCTGTTGTCAA
GCATCATTTATCATAGCAGAACCGCTCTCATACCACGTTTCTAAATTCAACAAGATGGGA
GAAAGAGGGGAAGTCAAAATCTACCTTTAGGCCGTTTATATTCATCTCTATATACGCACA
TATGCCGTTTCGCACTTGCCATCCCCACCTGTTCCCGAGTATCTCATGCAACCAAACAAA
AACAAAAACGAAAGGGGTGAAAGAACAACTCTCACCACATGATTCCCTTCCAGTCGAACT
GGCCGTCGATGTTCCTCCACTTGCCCTCCTGTACAGCACTTCCCCACCCCATCATAACAG
CCAGCAACCTACAACTCGTACTACTAACTGTGCAAACCACCGTATCCGCCTTGCTCAACA
CACTCAGGTCAAGCAGATATGCGCGCCCAACAAGCTCCCTCAGCTTCATTGCACTCTCAG

GAACAGCAGAATTTTCCTCATTGACCTTCTTCATGTCCTCGGCGTTGCCAACAGGTTGTC
CCAAAGAAAAGAAGACGTCGCGATAGAAGCCGCCTTCCCACCCCGTAATCTCGTCGATCC
ACGTGTTCTTCTTCGGCTGGGATTGCGCGGCTTCGAGAGCGGCTTTTGTGGCGAGGACAA
TGCGGTCTTGGGCACGAACACTGTTAGGGCCTAGTTCGGGGGAGTCGTAGACGAGGGGGT
CGTCAGAGGCGAGTATCATTTTCGAGGTTGTATGGCGGGGGGTGAGGGAGTCGGTAGAGA
AGGAAGAGAATGGAGAAGAGAGTAGATTGCGTTTGGCCATTTTCTTCTTTAGTCCGCCTT
CGACAAGATCGATGTAGAGATCGCGGGCGGTGTCGACGTAGCGGGCTAGCGGGATGTAGT
CCTTTTGGTACTGGTATTCCATGGGGTGCTTGTCGCCGTGGCGGACGTGCATGGCGATGC
TGAGGCCGCCTTCGCTCTTAACTTCACCGTACATTTCCAGCGCTCGTTGGAGGACGTAGG
TTTCGTCGTCTGAGCGAAGTTTAAAGAGAGCCTCATAGCCTGTTCGGGCGAGGTTGAAGA
TTTTCGATTGGCGTTGCACACCCATTTTTGTTGGATCCTCCCACTCGTCGGTAAAGGCAT
GTCCAAAGGTGGATTTCAACGTCGCTCCGCTGACGACGATGTGTCGGGCAGTGTGAGGAC
AGGGGACGATGTGAGATGGGGGAGGAGGGAGACAGTTTGCGGAAGGGGGAGGCTGGAAGT
AAGAGGAGTACTTGCCATACGGCCTGGCGGTAGTGTCAGTGTCAATCATCCGGTAGTCAG
AAATGTAGATACATACCAACGAGTGTCATCAACGAAAAAGGCGCGCTTCTCGGCTTTTGC
CAAACCATACGACATCCACAAACGCATCAGCGTGTTGCCAAAACCTGCATCCTCCGTTTC
CATGACATATGTCAAAGTCCTGTCACAGACCTTGAGTCCTTCCGTAGAGATACCATCCCG
GATAGCCTCGTCCTCTACGAAGCTTTTGGGTCTTCCAGCAGCCTTAGATGGTGGCAACAG
TCCTTGTTGTTCCGCTTCCTGGACATCAATGTAATATTGGTCTTGTTGATAGTAGTTCAA
CATTCTCTTCGCAAAGCCAGCCGAAGCCTTCGCTTCCTGTCTGATTTCTTTCGAGACTTC
CATAGATTGATGGCAGATATCACGGTACTGCGCCGGACGAAGCGGGAATTCATAGTCGGA
TGGTATGGATACAGTCCACCTCATCTTTCCCTTTGCGTCCTGCAGCGCAAGGGCGACAGG
TTCATGCGGCAACTGACTGCCACCAACCATCTCCCATTCTTCTTCGTTGCCATCCTCATA
AGTTGCCGCTCCTTGCGAGTTGGCGTATATCTGCCTCAGCACAATCCATAGTAGGAATGC
TACACCGCAGCAGCCTATCAGTATTCGCTTCACCAACTTTGAATGACTCGGCTGTGTAGT
CTTCTTTCCATGCTTTGGCAGCAGACTAGGAAGGCTCGGACTCGGTGGTGGGGATCTCGC
AAGTAGGCCACGTCTCGAGGGGACCGTGGGAGAGAGGAAAGCACTAGAGGTAGCAGACTG
GGGTGGCGGGCTCAGTTGTGAATAGTGCGCTGTCGACTGTATAGACAGGTTCGGATTCCG
TCTAACATGCATCTTGGAAAGCTTCTTCGCAGCCTGGTTTAGCATGTCGAATGCGAGACA
CCCGGTAGACTGATGTGATGGGCGTGCGCGTCGTCACCGCTCGTGGAAAGAGGGAGAATG
TAGGGTACGGCCAAGTCGAACGGCTTTCTGCAGTGCACAGTGCTACAGTGATGACGAAGC
TGTAATGCCGATATATGCAAGTAGGTAAACGTCACCTCTGACCCTGCAGAGAACGCTCCA
ACAAGCAAGTAAAGATGTGATAGTAGTCAAAGGAGGGGACGTAGGCACCGCCTATCAAAC
AAGCAAAACAAGTAGAAGAAAAATAAAGTACAAGAATGTATAACTCAATCCCCTCGTTCG
CTCAAGATACGAATCAAAGGAAGAAGGAGTAGAAGGACGTTCAAGAAGCCATTCGAAAGG
GCGGGCAAACCTAAGGCGTGTCTTGAAGAGAAGGCCCCTCCTGGTGCACGACGAGTTTCA
CAACCAGAAACAATCCGATGTCCGAGCAGGATCCCGCCGTAAAATGATCTCCATCAAGGA
GCGCCCGAGAGTCCCTTGCACAGCGGATAAAGCCAGTAAGCGGCCCAAGGGTATAGAAGC
GACGACTCGAGAAGCGCTGCGGAGACCAAGATAGGATCAAAGGTAAGATTGCAGAGATCG
CACTTGCTTGATCCAGGAAGGTTACAGCGAGAATGCGGAAGGCGCAGGAGGGGACCTCAT
TTTGCCGCATGTGCGCGGGCCAGGGCGTCGTTGTTTCAGAATGCCCCTCTAGTGCAACGT
TGTTGACGCACTGGTGCTTAGTCGACTGATCGCGCTCCGGCGCTAAACGCCTTTGATGCT
AGAGTTGAGCAGCCAAAACCACATGACAGTGACACCACACCAATGGTGGCTTGGGATCTT
TGCAAAGGTAGGCTGATTTGTCTGCTGCAAGTTTAGGGTAAAGGGCATGTAGTCAGATGT
ATATGCACACGTATTAAAGGAAGTTTGCTATTTGAGAATGTCATGCTGGACATGCAGTAA
GACGGCAGCTGGCAATCAACTTTAAGATCCCGAGGCACGGCAAGTAGGCTCTGCTGTGCC
GTACACCACGTACTATAAACAACTTCGGAGTATCTATAAATTGCTAGCATGTTGACTCCC
TGGAATCCTACGAGAGGCGACTATGTAAAAAGTACCTAGGTTAGATAGCAGCTGTATGGT
CTCCTTCAGGATCCCGAGGCACGACAAGTTTGTGCCCCACACCACGTACTATGAACAAAC
CTCGGAGTACATATCTGCAAATTGCTAGCGTGTTGGCGTCTCAAAATCCTGCGGATGACG
GTGCTCACAATTAGTAAGGTAGCGCTTATCGTATTGCGTATAGACCTCGAGACGTTGTGC
AACCAAGTTGTCTACACATCAATACGGCTTGTTAAAATCACATCACACAAAAACACACAA
TCTCGTCGAGAACAAGGTGTGAAAGCCTTCATTTATAGCTCCCACATTGTATTCATTAGC
GCAACAAGAACACAATTCAACGACAAGCTATGTAAAAGATGGGGTGGGGGGTTTGGGTAT
CAGATCGAAAGTCCCTCGGTCGGCACAGGGGAAGAAGACGAAGAGAATAGAAAACAAGAA
GAAAAAAGTAGTAGTGTTACAAAAATCCCCTTCCACCAGGAGGGCTCGCCATATCGCAAA
TGTGAATTAAACAAGCAGCAGCAGTAGCAGCAGCCAGAAAGCCGCCCCCCTTGGATATAA
CCCATGTGCGTAACATAAAAATCCCATGCACGGCTATTTGCGCCGAATTTTCCTACCAGT
CCATGTGCCTGGTGGCTCAAATCATTACTCCGTTTCCCCGATTAAACGCCTGTCGCTAAT
GTCTTGTCCCTTTGTGAATGAACATGTTGTTTGCTGGATGGGATTGGGAAAAGTGCAAGT
ACGATGCCACACCCGCGCGCCGCTCGTTGCTGACGTTCTCGCCTCATCCTCATTACTGTA
CTTCGTTTCATACCCGGCTGAACTGGTTCGTTTGTTCGTCCAAGCAAGAATTCGTACCTG
ACTCTCACCATCTTCTGCGTTGGGTAAGATCATGGTCCTTCGGTGACTGGTCTGAGACTG
CTTCGCCTGGCAGTCTTTTCAACGCGACCAGTAATCATCTCGTCTAGCATACGCGTCATC
TCCTCGATATTCTTGGTAGAGCCGTTGGTAACTGGAGGGGGTAGGAAGGGCGTCTTTACA
CTGAGTGCAGGCGACGTTGGACCTTTCGGTAAACTAATCCCGCTACCATCACTGCCGCTG
CGCTGATAACCCGAGGTGCGCCGGCTGCCTGGTGACTCGCTGCCCATCTCATGTGCAGTG
TCGTTCTTCTTGCGAGCTGATGTGAGGGCGCCGATCATACGCTCCTTATCCTCAAGCTGT

GCGCGCAGGTTGACTATCTCGTTGTCTCTCTCGGCAAGAGCTGCGATCATACCACCCTCC
TCACTATTTGTGAGCTTGTGTGACAATGACATGGAGACACGAGAATGGCTCGATCGCCGA
GCGTGCAACAGGCGCTTTTCAAGGGTAGCGATGTAACGGTTCTTATCCGCAAGATCAGCC
TGTAGTGCTTGGATCTGCACCGTCTGACTTGCACTACCATCTCCATTCTCCCCAACCGAG
TCGTCTTCCTCAGAGCCGTCCATGTGGAGGTGTGGTGTGCTTTGTCTTTTACCGGGAACC
TCGAGGGTCGCATGGCTAGCAGAAGAGCGAATAGAGCTTGGGCGCATGTCGTGGTGGTTG
GTGCTCATGATGGAGCCGCGCTGGATGCTCATTGAAGAGAATGATCGGCCATTGTTGACA
CCGATAGACTTGGAGCTCAAAATCAGCCTGTTAAGATGCTCGATCCGCTCCTTTAGGGCT
GTTCGGGCTAGTTGCATCTCAAGCATCTGCTCTTCATGCCGCTGCTTGTCTTCCAGTTCG
CGCGCCTTTTCTTCCTCCTTGTCTCTTTTCAGCTCGTCATCTTCTTCTTCCTTGGGTTCT
TTGTTTTTGCCTTCAGCGAGCTGCTTCTTGAGTTCTTCAATTTCCAGGCGGTAGCGATCT
AGAAGCGCTCGACTTCCTGCGTCCCCACCAGCACCCATAGATTCGTCGGCCTTCTTGGCG
TGGCTGACAATATTGTTTTTGGCTCTGGAGGCGAATTTGAGAGTATTCAGCGTCTCACCT
GTGTGACTATTGACAGCAGCAGGACTCCCACTGGCTCCGATCTGGATTGTACAGAGAATG
CTGACCAGCGAGTTACCGGAGAGGGCAGGTTGAAGAAGTCGGGTCAGTTTGCTGTCTCGG
TATGGCAAATGTTTGTCGCCCTTGCCCTTGTCCTTCTCAGACTTGTCTTTATCGGAAGCC
AATCGGCCAATGACTGTACCCAAAGTAAGCAAACTCTTGTTGATATGGGAACCCTCAGTC
CGCCTTTCTTTGTTATCAGCCGCCTTTTCAGAACCAGCCAAATCGATTAAACTGAGCGTC
GAGACACGGACACCACCAGGGACAATGGCTGACCGTTTGTCGCCATTTATTGCTGGGCCG
GGAGCGCGCTCTCTACTCTCAACGACAATCTGGACCACGGCGTGACTTCGGGAACTGCGC
GCGTTGAACTGGGTACCCGCCACCTTTCTTGAGTTGTCACCTCGTGCAATAACCCTCAGG
AGTTGCGTCGGACTCTGCACGATTTCCTCCTTTAGTGGCGACGCATAGACACCACGTTTG
CTGTCCTCGCGTAGCTTGATCTCTTCAACGGGCCCGGTCTGGCCGTTCATGCCTACAACG
GGTCCCGCTAGCAGATCGATAATCTTCTCATTGTAGATTTCAATGTAACTGACTCTCAGA
AGAAACTCTCGCTGAGGCGTCTCACGAATGTAAGAGAAGATATCGGTGATGGCAAGTGGT
ATGACACCAGGATTTGTTGCAGTTCCTTGCATAGAAAACGTCTTGCCGGTTCCAGTCATT
CCGTAGGCGAAGACGGTGCCGTGGTAGCCCTCCATGACCCTCCGGACAAGTCGCTTGGCT
GCAGCATCGTATACGCGGGCGTTGTTGTCTTGGGTATCGAATACGTTGTCTATGTCAGAC
CAAATTAGCTCTAGCTCAGTCACCCTCCACTTCGTTATGCAACCATACCATATATGTAGT
CTCCGCCCTCTTTGCCTTTGTAGGCTATCAGTGCGCGCTTGTTGTTAACCTCCCACTCCA
AGTCGTGTTTGTTGTCTTTGGCCCCAGCATCAGGCCGTACCCGAACGCTGACAATGACAT
TGCCTTTGCCGTCCTTGTGTACCTTGCCATCTGCGCGTCCATCTTCCCCTTCCTCGAATG
TGGTTGCGCTGGTTGCGTACGATCCCTGGGGTGAAGAGTTGCGACTCTGCGGTGGTGAGG
GGAGACTGAGGTGGGCTGTCTCTACTGTGACGGAATCTGCGCTTCCATTGAGTAGACTGG
GGGGTGATAGGGGTGATTTCGGTAGTAAACCTCGCGCTCCTCCAATATTAGAGCTTCGCG
GCTTCTTAAGGCTGTTATTCCTGGAAGGCGTTTGACCCTTGGATATTGACGACACTCTCC
GATCGACCATGTCTCCTCCAGGCGTCGAACTCGTCGACAGCGGACTGGTTGGGTTCGATC
GCCCACCATGTCTGGGTGGTTGTGGAAAGGAACCGATGCTGACTGTCTTGCGCAGCGATT
TTCCAACGGGCAGCGATCCGGCGGCACCAGCCTCGGGTGGGAATGACGGCACGGACGGCG
ATGTGAGGTGCTTGGAAGTTGGCCTGTAGGGTAGCGACGACGAAGACACAGCGCGTGTAT
TGGCGGCGCCTGGGAGCAACGAGGCTCGCGTCGTCGGACCGACATTGGAGCTTCTTTGCT
TGGGGACGGGCAGCGAGGGCAAGGGACCGGTGGGAGGAGCAATCGACGGCCGCGAGGGGC
GAGGCAGCGAGTTGGCCGACATGGTGATGGGGGTGGCGCGTATGTTCGAGTGCTACTGCA
GGCTGGAAGGGTGCTGGCGCTGCAGTGTTTGGCCCGATTGCCTTTGTTTTTCCAGGTGGC
CTATGCCACAGTGCACATGTCCGGCGTGGCCCTCCAGTAGTCGTGACCGGAATTCGAACA
GGCCGGGGAAGCAGTCTGAGCTGGCTGTGTATTGCGGGGAGGGGAGAGAGGCAGGCTTGG
TTGGGTGTGCGTCAGTCTCAGACAGACAGGCAGGGACCTGGATGCGGGAAGCAAGCGCGA
ATGTAATGCAGCGGAGACGGGTAGGTGCAGTGGATACTGCCGTTTGACGCAAGAGGCTGG
AGCGCGCTCTGGCAAACGTCGAGGGCGTCGAGGGCGGAAGCGAGGGTGAAGATGCGATAC
AACAGCACTCGGCGTGTCTGAGTAAGAGGTCGGCAGCAGTGTGCTGGCGTGGTGGGGAAA
AAGGAGCGGTGATGGGATGGATGGTAGGATGGTGGCCGCCGAAAAGCCCAAGCGTGGATA
TCCCCTGGGACTCGGTGCATGTGCAGGGGCCCGACAAAGGAACGACCGACGAAAACTCCG
TGCAAAGCAAAGAACGAGTGGGAGGCGGCAAATCGCTCTCGACGGCTGCGCTGTGGGGAC
GGCTGAAGAAATCAGACACAAGACCCTCTCCCGACCCTGGGAAAGGGTGGAAAAGGGGTT
CAGTCGTCAACTCTTGGTGGGTTCAACTTGTTCCCCCCATGTTGCCTCTACGCACCAAAG
ACGTTAGCCCTCCGCCAGCCTCAGTCCAAGCGTACATATCCGCACCCACAGCTGCTATCT
GCAGACCCTTGCCCGGCTCTGTTCGCGTAGCATTCCGGCTATATACCATTGTCCTATGGC
ACCAGTCCTCCGACCACCTTTGCCTAACCCTCTGCGCGCTATCTGGCCTTGCACCGCGCG
CCGTGCACACTGCTGCTCTATCTGAATCTCACGGTTTTTCTGGTAGCGACGTTTCTGTAG
TGACGACTTGCGTCAACGGTATTTGTAAAGCCCCAGAGGCGATCCCTGCTGATCCGCCCC
TGCACAGGCAATCATGCCGACCATCCTTCGCTTCTCTGCCCCTGCGACATGCCATTGCTC
TACTACAGAACCATTCGCAATCTCCGTGTCACAAAGCCTTTGTTGACCAAACCTCGACGT
CGCATCTCGCTCCCCCAATCAGTTGTGCTAGTTGCGTTGCATAGCGCCAGCCTCGTGAGA
CGAACGCGTTGGCGCTGGCGGGAGGAGCGCCACATTGCACGTGCTGCCGCGTTTGCCTTC
CGAGTCACCATCATGTCTTGCAAACGTCTGCCGGCAATCTTCCTCTGTGCGCATGCCCCA
ACAAACATGATCGATCCGCTCAAACGTCTATCCACTTGACTCGAGACCAAGTATGCCCCA
TAGCGGCGGTGACCAATAAAAAGCCAACCCGTTGGAATCGTGGGGACGCTGCTGTGCACT
GCTTACTGCTTCTTCTTCTTCGGAGCATTCTCCATGCCGGCAGTCGAGTCTAGTTGCTCG

TGAAACGCACAAAGGTGCCACCCTACGGCCATTGCATCGGGTGTTACCGAACATGTAGAC
TTCAGGAATGTCCCGCCTGAGTGGTAAGTCCAAGTGCAATGCAAGAGCATGTCACTGGTG
CTGACGCTGTATACGAAGCGAGCGACTCGCCTATAGCGTACCCCATCCGAAGACACTCTG
TCCAAACTTTGTAATGGCCTGATATTGCATTCCCCACAAACTGAGATCGATAGCCAACTC
CAGTGCCCCGCAGAGCGCTACGCGTGAGAGCTGGGTGCCAATGTTCCGCCAGCTCATATC
GCCATGGAGCTCTAGTGGATTCACAATGCGATGCGACCCCGCGTATTCGCCTTGGCTGAC
TAGATGGTGTGAAGCAATCATTCGCAAAGTAACCATCCTAAACGGAAGCATGGCAAGACC
GACAAGCTGAGCTCTCACCATTGCACTGATCATCTGCGCAGGCTCACACGAGAGTTGGGA
TACGCGGTGGTATACATGGCCGTCTATTGAGCGTGCTCGGTCCCGCGGCTCCACAGCTGC
ATCATCTCGCGAGGAACCCGAGGCTTCTGCAACACGAGTATGAGTGGAAAGTATCCTAGG
TGGTAGGCGGACTTCCATCTCTACGATACCTTCCCTTGAAGTAATGCGTATTCGAGGATC
GTTCTCGTTTTGCTCGGATTCTGTTGGTGATCCCGGTGGAGTTGTGGATCGTATCAAATC
TTGGAACGCATCTATTGGAATTGTGATTACATCTGCGTCGAGCGGCTCTGTGACAGGCTG
ATCTTGGGACTGGAGCACGGGAAGATGCAGCGGGGTAGCGTTGATCACTTGAGTACCACC
GACTTCTATTGTCTGGCCATTGTTTGAAGCAGCCGTGGTTGCAAGCTCGATGGTCCGCTT
CTGTTGTGTGTTTGGAGAGGAACTTGGAAGAGCCCAGCCGAGCATTGCAAGTAGCCTGTG
AATGGCATTGCGAATAAGGGTTGGTGACTCCCGCCGCAACCCGAGCACAGTCAAAGCACG
GTCTTTTCCGTTGGCGTCTCGGCTGGGTATGTCGGGCTTGTCAGGGCGGACGACGGCTGT
CTCGACTGCTTCGTAGACACAGGCATAAATCCAGCGTTCAATGGCATGTTCAGCACATAA
AAGGACAAGGGGTGAAGTCAGCACTGCTCCAATACAGTCCGTGATGGAACTGGACGCATT
GTATCGCACAGAAAATGGTAGCAGAGGCGATGAGCTTGAAAAGGGAATGAGACATGTCCA
GTTTGGCAATAGTGGGCGAGCGGGCACCAGGCCAAGGCGCTGCAAAGCAGCGTGGTAAAA
GAAGGGGTAGCACAGAACCTCGAGGCCCAGACGAAGACTAACGGGGTCAACGAGAAGTAG
AAAGGCGAACGTGGGACCTACCTAGACTTGATGGCTTTCTTGGCTCGTCGGAAGAAGTGG
CGGGTCTTTGGGCTGGCACGTGTCGCATACAGCACACGTTCGACGGGCTGATAGACAAAA
GTGCTGTACACGATGGCTTGGATGTTCATGGTCGCAAAGACGCGAGAGAAGAAGCCAGCA
TAGACAATGGAAGTGCCAGAGAGGGCACGCTCCGAGGCTGCGATGTGGCTGAAGGCAAGG
GCATGGGGATAGCGAAATGTCAGGATCCTCTCCCTGATTGAGCCTATCCACCATGTGCAA
AGGTTCTCGGTAAGGGTAGTCGCCAGCGCAATGGCGTTTCCAACCGTATCCTCGGCTTCG
AGCAGCTCGAGACGCTCTACGCTGGACCCTGGAAAGGCGTCGGCGGGAGAGTGTCTGCGC
TCGACGACGCCGACAGACGCGAGCACATCGTTTTGGGCGCCTCTGAGTTTCTTGCCATAC
TGGTGGGAGCGGGGGTTGATGGGGTTGCCGCGCTCGTCGTAGAGCTGGACGTAGTTGTTG
GCCGTGGCCTCGTGGTAACGCCGTGGAATCTCGGACTGCGACGATTCGAGCTGGACGTAT
TCGGTCGACTGCGAGGCGGATTGGGTGGGCTCAAAGGCAGACCGTCCCTAGCAAGCGTGT
CAGACATGTCCTCGAGCATTGCGCTGGCTGGCGGCGTGTGTACGAAAGCGATCTTGTCCA
GGTAGGCTTGCCGGCCCATGGTGGTGCTGACAAAATTCAACTTTGATCAGGTGCACGCAG
TAGAACAAGGTGACTGCATCTTGAACAATGCAATATAGGCGCATGCTCCAGAAGCCGAGT
TGGCGGCCGGGGGGAGACGCGCCGGCGCCAAACGTCAGCGCGCGTGGCTTGCGACTGCCG
TTATCGATAAACTTTTTTCCTCGAGCACTTTGCGACACTTCCCTCACCTCTCTCGGCAGA
GACGCGACGCTACCAAGTCCACAATCCACCATGTCGGCCCAAAGAGCTGCCGTCAAGACG
ACGTACGAGGTCGCTCGCACCCTGCAGCCAATCTACTCGGGAGGCAGCTTGGCCATCAGC
GAAGACGGGCGCATTCTGGCCGCGAGCTTGGGCGAGGATGTCCTTCTTTCCGACCTCACC
AACGGCCAGGAGCTGGCCAGGGTCGAGGGAGACGGCGAGGCAATCACGGCCCTGGCCCTG
ACCCCGTCCGCATCTCATCTCGTAGTGTGCTCGCGCTCCCTCTCCATGCGCCTCTTCGCC
CTCAGGCCCTCTGACACCGACGACCAAGTCATCGAGCTCGACCTTCTCCGAACACTACGC
CCACACACGTCTCCTGTCGTCACGCTAGCCACAGATCGCACGGGCACACTGATAGCCACC
GGCGGCGCCGACGGCGTGGTCAAGATCTGGGACATTGTCGGTGGCTACACAACACACACT
TTCCACGGCCATGGTGGAGTCGTCTCGGCCCTGCACTTCTTCGAGGTAGAGGTAGCCGAG
CGTGACGACGCCTCGGAAAACAACAAAAAGAGAAAGAGAAAGTCGCGGCAGGAAGGCGCC
GAGTCGGATCAAGCTCAGGGCGAGACTCAGATACAGTTTCGGTTGGCCTCTGGTGCCGAA
GACGGCAAAATACGGATATGGGATCTTCACAAGAGAAAGAGCACTGCTGTCCTCGACTCG
CACGTCTCCGTCGTTCGCTCGTTACAGTACTCGCCGCAAGAGAAGGTCCTTCTGTCTGGC
AGCAGAGACAAGACATTGATTGTCTGGGACTCACACAAGTGGAAGGCGCAACGCACCATT
GCTACTCTAGAGGGCATCGAGAGCGCAGGCTTCATCGCAGACGGCAAGATCCTGTACTCT
GGTGGAGAGAACGGCCGACTACGACTCTGGTCAGCCTCCAGTGGAAGAGAGCTCACCCGA
GAGCAAGAGCCTGGATCCGAGACGGATGAGATTGTCAACATCCTCTACTATCCTTCATTG
CCCTACTTGATCTCGGTGCACGCTGACCAAGTGCTCAACTTCTACTCCCTCAAAACAGCA
GAGTCACTCGTCGTAGAAGAGACCATCGACCCGCTGCCCATCTTCCGCCGCGTTTCCGGA
ACCCACGACGAGGTCATTGACATCGCCTACGTTGGCCGAGACAAGTCCCTATTGGCACTC
AACACCAACTCAGAGGATATTCGGATAATCACACTCAACGAATCCGACGCAGAAGACGCG
ACCCAAGGCAAATACTTTGGTGCCGATGTCGGACTGCTAAAGGGACACGAAGACATTGTC
ATCTGCCTAGATGTAGATTGGTCAGGCCACTGGCTTGTCACAGGTGCCAAAGACAACACA
GCACGGTTATGGCGTCTCGACCCCGCTAACGAATCGTATACCTGTGCTGCAGTCCTCACA
GGTCATGCCGAGTCGCTTGGAGCGATTGCACTGCCGCACACCATACCCCAGGAATCCTCA
GCCGCTTTCACAGACCCTTTGTCACACCCACCTGCGTATATTGTGACCGGCTCTCAAGAT
AGGACAGTTAAGCGTTGGGATACCACCAAAGAGATGAAGGGTAAACTGCGAGCCAAGTAC
ACCCGCAAAGCACACGACAAAGACATCAATGCCATCGACATCGACCCCTCTGGAAGTCTT
TTTGCGTCCGCATCGCAGGATCGTACGGTCAAGATCTACTCCGCAGCAGAAGGAGAGGCT

ATTGGTGTCCTCCGAGGTCACAAACGTGGTGTGTGGTCAGTCAAATTCGCACCCAAAGAC
TCGCAAGCGCCAAACTCAGGAAACAAGGGCTTGATCGCAACAGGCAGCGGAGATAAGACG
GTCAAGATCTGGAGTCTAGCAGACTACAGCTGTTTACTAACTTTAGAAGGCCACTCAAAC
AGTGTACTGAAGCTGTCGTGGCTGCCCTATCGACCCGTCGACGCACGAGACAAGCGTGGC
CCACAAATAGCTTCTGCAGCTGGTGACGGACTGGTCAAGATCTGGGATACAGTGTCCGGT
GAGGCCATGTCCACACTTGACAACCACACTGATCGTGTCTGGGCACTTGTCGCACACCCC
ACAACGGGCGCCTTGGTGTCTGGTGGTGGAGATAGTGTCATCACGTTTTGGGAAGATACG
ACGAGCACCACGCTGGAAGCTGCCACAACAGCGGAAACAGAACGCGTCGAACTTGATCAA
AAACTACAAAACTACACCTACGCCGGCAACTATCGCGAAGCTATCGTCCTTGCACTCCAG
ATGGACCAGCCCGCCCGTCTCTTCTCCCTCTTTAAATCTGTGGTGGAAACCGAGAACCCA
GATACAGACAGTCTCTCAGGTCTCATCACCGTAGACGAAGTCCTCGGTTCCTTAGCAGAC
GAACAGCTGTACAAACTGCTCATCCGCCTCCGCGACTGGAATACCAACGTGCGTACTGCA
CCCATCGCTCAGAAGATTCTGTGGACTATTGTTAAGTCATATCCCGCTTCTCGACTAGCT
AGTCTGAGGCCGCAGGGCAAGGTTGGCGCAAAGGGCAGTCTGAAAGATGTGATGGATGCC
ATCAAGGTGTACTCTGAGAGGCACTACAAGCGAGTAGAGGAATTGGTTGATGAGAGTTAC
TTATTGGACTTTACTCTCAAGGAAATGGACGAGGTTGCGGGTGAAGTCAAGGCTATTACG
AACGGCACTTCGCAGCTGGGTCTTCAAAGGGATATCGTCATGGTTGATTAGGAGTAATAT
GTTCAAGGCAGCTAGCCTGGCACCAAGATTCCGGCGAGTAGCTGGGTTATTGTAGGTTCG
ATATGAATACCATATTTGACAATTTCAGGATTTTCCTTCTCTAATGTGGTACTTGTCTGC
CTGCGTCAAGGATAGACGCCGGCCGATTGTGCCTCGGTTAATCCGATCGGCTATGAGATC
ACCGGCCTCGTCTCCTCACCAACCACCTACATAGAGCAAGGTGCCAGGAACAAAGGCACC
CCCGGTCTCATCTCCACTCCAGATCAGTAATCCCCTTTTGACTTCTGCAATAATCCAACC
AGCCATGGCTCAGCCGAAGATTACCCTTTACGTTGACATTGTCAGCCCGTTTGCTTACAT
TGCTTTCTACATCTTGAAAGTAAGTTGCTTTACCATGTGTCCTACGTAAATCCAGATTTT
TGTGCTAGAATCATGCACTACAGTACTAACAAGAGCATTCCGAGTAGAACTCAAAGGTTT
TTAAGCAGGTTGAGGTGACGTATGTGCCTATTCTGCTTGGGGGGTTGATGAAGGTCTGCG
AGAATACACCACCATTGAGGATAAAAAGTATGTCGGATCTCCCCTTCTCTTGAAAGAGCA
GCTTAGCTTGGCCACAGTAAGGGGGAAGCGCAACACGAAAGAAAAAGATACAACAAACGG
CTCACCTGGTGGACCATCATCGGAGTCACCGTCATTGCAACTGCTTATCTTACCATCTAA
CACACCCAATCAGACAAGGACAAATGGATAAACACAGAGCGTCAGCGCCTATCCACTCAC
TTTAACGTCCCCATCTCGCAAGATACTCCACCTGGCTTCCCCATCAACACACTGCCTATC
CAACGCGCCCTAGTTTCCCTCTCTCTGTCGCATCCCCAAGCCCTTGAACAAGCCATCGCC
CTGTTTTACGAAAACTTCTGGGCAAAATGGAATGATCCAATCAAGCCGGAGAACCTGCTT
GCTATTCTCGCAGTTGCCTTGGGTAGTGAGGAGGAGGCAAGCAAGGTGCTAGAGAGGACC
AAGACGGAGGAGGTGAAGAAGGTGCTAGGTGGGAATACGACCAAGGCGTTTGAGGATGGG
GCTTTTGGCCTGCCTTGGTTTGTTGCTACGAATGAAAAGGGGGAGACTGAGGGATTTTGG
GGCGTTGATCATATGGGGCTGATGTGTGATCATTTGGGAATCAAGAGGCCGGAAAGTAGG
GAATGGCGCTCGTTGTTGTAGAGTAAGACGTTCTCTGGGCGGACATGTGAATGGATACTG
TTCAATCCCGCGCCTTTTACGACGGCTTCTGATGGACCACAGCGGCCGACTCCTTTTTTT
ACTGCTAACGATGAAGCGATGCCCTTAATGGCCACGACGCTAGCCTTGAAGGACATAAGA
AGGATTTCGGTGTTTCTAGTGACGAGGCCTTTCCCTCCTTTCACTTTGTGTATCTGGGTT
TGAGACCTGCGAGCGTTAGCGCATAGCAAGGGTATGAACCACTGAGCTCGGAATCTCCAG
ACCACCACTCGGTTGCGTCAAGTATTATCATGCGACAGCAAGATCTAGGCGGGTCTTGAC
TGCATTATCGCGAACGGAACTGTCATCTTGCGCAATACCTGACTGTAAGTTGGCGGCCCG
TGAGCGCACTACCATTAACGTTTTATTCTATAATCGTTATTCATTCTTCCTGATATCAGA
AAGCACAGATACTTTCTCGGGAGCTTTTCTAGAGCACTCGCGAAGCTACTTCGCCAGCTA
AATTCACTGCCTTCAACTCTTCTCAATGGTCTTTACCACCCACATTCATTTTCTCAACCA
CCTCTCCAATTCTCTTTCAAGATGGATTACTATCGACGGAACGAACTTCCCGAGACAGTC
AAGCGTTACAAAACGTATACCGAACAGTTTCAGGCATGGCTGCTCAAGACGGGAATTCAG
CGCGGCGTGGAACTCGCAAATATAGTCGCAGACCAGGCTAAGAAGAAAAAGAGCAAAAAG
GGCTACAGAATACCACTACAAGAGCAGGAGCAACTCGTCAACGCCATCACTGCTACAAGC
GTTCCACTTGCCGACACCTCCGGTATCAACGACCTCGAAGATGCCATCCGCTCCAGGAGA
GAGGTGACGCAATACCACAAACACAACAACACGGCGGATTTGGGTCACGAATACTTCAGC
GGGAGCCTAGAGACGCTCATGGCGTCGTTGAAAGTTCTCGTTCCTGGAATGAACAAAGCT
CGAAATCGCAAGAATGACACGCCCACATTCGTGTTCATTCAGCTTCCCACTGGTCCCAAG
ACAAGCCAAGATGAACAAGACGACTTGCTTAAGAAAATGCGGGAACAGGACCAATGCGAC
ATCGAGAGTGATGGTCAGCAGCAACAAACTCCGACATCCAGGACGAAGAAGAAGGCACCA
ATATCAGAGACAAATCCGCTGACTGCAGAGGAAGAGCAGCTGCGCCGCGAATTCCTTATA
CTCTGCTTTCTCTACACTTTCAACCGCATACGAGATGTCCTCTACGAGATTTGGGTGCTC
TACCACAAGGGCCTTGTCAATGCGATCACAGCAGCGTTGGTATCAGACCTGGCTCAGGAC
CAAATGAACCAAAATGTCAAGTCACTCGTGGAAGAGCTTGATCTGCTACCTGGAGAATTG
GCCATACTCATCCACTAACTTTTCAACAAAACCAAAGCTGCTCTTGAGACTGGGGCGCAA
AATTCTGCGACACTACCTGCTGAAAAGGTATTGCGCCACCTGTTCGGTCTGGATGCTGCT
GCTTTGATCAAAACCTACATTACGAAGACATACCCAACAGAGGATAGTGCTGACGAAGAT
ATACGAGAGCATCCTCTCATGCTCTTCTTGAAGTTCTTCGACGTCATTCGCAAGGGCGGT
CTCAAACTTCCTAAGTGGGATCACTTTACTGAAGAGATGTTATTGCACCAGAGTACATCA
CAGGACTACCTGCCGTTCGGCTTGGCCATTGTCCTTGACATCCAGGAAGCTGTACGTGAG
GACTACCGTCGGATGTTACGCGACCTTACCGAGCACGGTTTGGATATCGCTAGATGTATC

CGTTATCATGTCGATTACGAGGATCGCATGTGGGCCAAGGGCACAAAGCCAGATTACATG
TGCAAAGAAGAGATTAAATTTAGCACCATCCTTCTCAATCCTCTAGACAGGCTGTTGGAG
TGGCTACAAGAGCTTTTGAACTCTCAAGAAAAGCCAATGACTGCTAGCATCTTCATCACT
GTCCACTCGACGCTCGCAGGACTCTCTATGTGGCACTTTAACTCTATCTATCATCATACT
GCGATTGCTAAGATACAATGGTTCATTCATGGTATGGCCCATCTATACAACGCCGCCTGC
CAGATGGGTGGTCTGGAAATTCTATGGTCAGACCTGGACTACCTGATCATGATATATGGG
GCCAAGGTTATGTTCCGGGGTGATCCACCTACTCACCCTAACGACTTCCTCAACCGCTAT
CTCCTCTCGGGCAACACTAGCAGTCGCGTTATGGCTTCAGACTTCCGTCACACGTCCGAA
TTTCTACCTCAAGTCTCGAGAGAACTTGGTGCCAAGCGTGGTTTGCAACCCGAATTGTCT
TTGGAAGCCAAAATCTGCGACTACTACGATTCAGATGCGGACAACGATCGTTGGCTGAGG
CGTCACGCAGTCTTTAACTACCTCTATCGACAAAGCGAGGATACCGACAAGACACCAGAT
GATGACTGTCAGGAAGCTACTCAAGATAGGAAGGGCCTACGAGATACATTCGCGAACCTA
GCGGCCAATATCGCGCCTCCAAAGCCAAGGCGAAAAGGAAAGAGCAAATCCAGGGTACAC
AGACCCGACTTCGACAAGCAAGATGAGACCCACGCCAAACTCTTCGGTACAATGAAATCA
GAACTACGAGAGAACGAGGTGCACAGTAATTTCGACTTCCTTTCCTTTTACCGCCGCGCT
TACGATCTCGTTCTGCGTATCCGTAAGGAAGTGCTGATGAGTGATCAAGTCCAGCGCTTC
CGCGCCGAAGACATGAATGCTGATCCAGATCCCCCTAACTTTCAACTGATAACTGATCTC
TTCCGCGCGCTTCAAATCGATCCAAAAACTAAGAAAGGAGAGGAAGCGGAAGCTGAGGAA
GGTGCTGGGTATCAGCTGTCTACCAAGGTCGTGCCGTTGAAACAGATTCGACGTGTCGCG
GAGATGATCCAGGATTTAACTCGTAGTGAAGGTGATGTGGAGTTGAAGCGCGCGAAGTTG
CGGGTCAAGGGAGATTGGGAGGGTCTCAAGGCTTCGTATGCTGCTGAAGAGGCGGGCAGG
GACACATCTACCGTCGACGACACCGTCGCTCAAGTTGAGAAGGTGGTGCTCAAAACTGCT
GACGACAATGTCGATTCCAGTACTACTCTGCGTAATGACGACGGCGATCATCGAGTCAAG
CACAAGTTTGAGGCAGATGGAGACTCAGTAGATGATCCACAGTATACGCCTGGCAACCAG
CTCACAGGAACAGACCATTCAAATAACAATCTGGGAGGCATGTTAAACAAGCCGGCAACT
ACAGCAATTATAGATGTCATCGGAACTCAGAACGGTAGGGTTTCATTACACAAGGAAAAC
GGAAAGAAAGGCGTCAAGCGCAAGCACAAAGCAGATGAAGACACCGAGAACGGCCCAGCC
TATACTCCTAGCCTATGCGAGCAGATCAGCGATCCTGTATATGGCACCATCTCTCAATAC
GCCCTCGCCCTCTCCCTCTATGCTGGCAAATTAAGGCAAGGCCAACCTTCAAACGACCCA
ACCCAACAGATCATCAGTACCACAGACTCAACTTCTCTGGCAATACCCTCACCTAACGAC
CAACGTAACAACCAACTCAACGTCGCAGAACCCACGGTTCGCTCACCACTTGCCATCAAG
CGCAAAATCATGACAAGAAGAACATACCATTACAAAACCTACTCTAGTACCACACCCCGG
AAATCCCACACGACCGCATTCCATCCTTGCCGTACGTCCAAGAAGACCAAAATAGTAGCT
CTATCCCAGCCGCGCAGAGGCTACTATCGTCGTCTCACCAGCACTACTAATAAACGCCAT
GTCGCTTTTCGCTGCTTCGCTCGATGCAGTATGGCTCGGGCGCTGTGTGGCCAACAGACT
CGCGTACAGAGGCAGATGGCGATTGCTATTGCGGAACTGAAGAAGAGAGCTAGATGGGAT
TCGGCAGAGTTGAAGAAGGTGTGGTTGAGCATTAGGGACGGGAAGTTGGGCAGGGTTTGG
GATACTGATAGTAATGCCAGTTCGGACTAAAGGTGGTGAGGGGTAGTAGATAGGGGATGA
TGAATTGAAGAGCCCAAGCTCAGGTTGGTAAGGAGTGGCAGCGTTGAGGTAGCACGACAT
TGCGATCAGGTCCAGTGACGACGCCACAGTAATGATACAACACTTCATGAAAAATCATCT
AGAATTATACATACTGACATGCATTGGACCGACTCCCGATCCCACCTCGCACCTTCCTAT
TCCTCCCGTCCAGCTCACATCCATCACCCCATACTCAAACCTCGAACATCTTTGTAGTAC
TGACATTAATCCGACTCCACGCCTGCCCCCTTCTCAACGCCTCCAAGAACTTCGCCGGCC
AATAAACATGATACAAGACGAAGAAAGGTACTGGATCCTCAAACAAATACGTCCCATCCT
TCCACCCCACAACATGACTCCAAAATGTCGCTAGATCATTGAACGCACTCTGCAGCGTTG
TCGCACCGAATAAGAGATCGAGAAGTGGCAGGATGACAAAAGATACAAGGTCATGTCCGA
TCCAGTAATAACTGTACGTTGGGGTGCGAGGAAAAACAGGGCCAGGCTTGTTTTTGGAGG
TCAATGGGTTAGGACTGTTGAAGATGGAAAGATATGCTTCCGCCATTTCGGGCGTCTGCT
CAAAGAGCACGACAGCCGTATGAGCACGGGGGTTAGATTCAATAGGGTAGAACTTCGCAG
CCGCACCCTTGTCGTCGTTCTCGACTAGAAAGTCAAAACTCAGATGACCTGTAAAGGTTT
CGCCACCGTCTTTGCACACACGCTCGGTGAATTCGAGCATCTTTTTGCTGAGGGGGGAGG
AGGCTGGTAGCGGTTCGTAGTGCATGAGGAGTTCTAGGCTGGGGCAGCTAGTAAAGGCCT
TTACTTTGCCGCGGATGACGAGTGCATGTGTGCAGTACTCGTTTCCCTTGATGAATTGTT
GGAGTTGGAATGGGTTTTCCTTGCTAATATTGAGAGAGTGAATGTATTGCGCTGTTGCAT
CCGGTGTCTTGAAGGGGAGGAGGGTCATCATGTTGTTTCGCGCCTTGTCGTCCACTCCGA
TGGGTTTCATGATGAATTGTCGCCTGGGTGCTGTTCTCCCAGATTTTGTCGGGGTTCTGT
GAAGCTCTCCCATGAGCACATCGAGGGCTTCCCCTGGGTGGGTGCAGCGGTGCGATTCTG
GGATTGGCAGACCGAGCGATTCGATATAGTCGATGAATTTGTCCTTCTCGTGGAACTTTT
CGACCACATCTTCCCGGAACTGGACGGCTTCAAACTTGCGGCCTTGTTCTTTGGCCTGCT
TTTCTGCTAAGCGGACGACTTGACCGTCTTCTACGGCTGCGACGACGCTGGAGCAGCTGA
TCCATAAGTCGACTTTCTCGCGCTGGATGATGGAGAGGATGGAATCAATATATGGCTCCG
CATCGTCGCCACTTGGTGTGTCCAGACGGTAGTATTTTGCAATAGCGTTGGAGAAGCGAC
CTGGTGATAGAGCAGAGATGTCGGCGCCGATGATGCGATGTGGTGTATGCTGAGACAAAT
TGCGCGCAATAGTAAGGCTCTTGGTCATCGACACTCCTGTGACAAGAATAGTTTTCCGTC
TCCGTGCCGCTGCAACATGCTGCTTATCCTCCTTGGAAAACGTTGCATTGCGCTGTCCAT
GGAGTTTCGACACTGCAAGACCAACCAACACCAGCGCTGCCGAGAGAGGCGCGCAAACAG
CGCTCAGAGCCAGTAGAAGCACATTCTTCCACACATGGCTATAGTAAAATGGCAACACCA
CCGAATCCTTCTTTCCTTCCGCCATTGCCATTGTCTTTTCCTTGTTGCTGCTTGATGAAA

ATGAGCAGCTCGTGACCTCGGCACTTGTTCTCGCGCAGTCTTCACCGTTTAGAAGTTTCC
CAACACACCACCAACGGCGCTACCTTATCAAAAGTAAGACCGAGGAACGACTTAATTGCC
CCTGCAAAAAAGGTGCAGGCTGCACTGCAATGCAAACTGCAAGTAAGTAGAATTTAGTGG
GCAGTAAACAGACGGCTCGTAGTCACGCAACCCGTTCTTGCATAGGCGAGGTGATTGATG
TGCGTGCGGCTGCGTTCGCCCAGACAAAGTTGTTGGCCTTGGAGTGCTGGCTCTGCACGA
CTAGTCTCGACGTCATCGTTACTTCACTCATGTACGACATTGCGGAACACTAGGAACTCC
ACGATCCTGTTTACGATCTGTATATAGTAGATCCTGATTTTGGGACAATGATCTGGCCGC
GATCGGCAGATGGATGTTGAGGGGCTTGTACCGCGGATGCAGGGTGCGTGGGGTTCATGT
TTGTTTATTCGAATGCAACGTGTCATGCTATTTTCTCGACATCCCGCACAATATGTGCAA
TACGGTTTCGCAAAGATGGATCGACAAATGCTTTCAAATGTAGATTCAATTGTTTATTGC
ATTGATTTGTGCTGTCATTGAAGCCTTGACGGTAGCTATCCTGCTGGTCTGTGGTCGGGC
ACCATGCCCATGTCTGAGTCGTTCAGGACCCACCAGCGCTGAAACTTGCGATTCATAGAG
ATTATTACGCGTATCCGACTATTGATGATGCTTCCATCTAACCAACGCATCGTGTAATCT
CGATACCATCCTGTGCTAGTCAGTAAATGCTTGCAAAGCGTCGTCTGTGTTTGAACTCAC
AGGTACACCAGTCGGCTCAAAGCTGTTTACCAGCTTGCTCTCATACTTGAGATTTGGGTT
GCCCTTGCTCTCGCTGAACTTGGCCTTGCCATATCGCTTCTCGTACATCTTGACATTCGT
CTCGGCAATGCCGCTGAGGTTTGTCTGCCCACCCTCTCCTGCTTCCTTGACCTTCTCCTC
AACGCTCGACCTGACATACTTCAAGTATGGCGGGTTTCCGGGCTTGATGACATTGTCCGC
TGCCAGCACAGAGCCCTTGGTGATCAGGCCAAGTTCCTCGCAAAGCTTCAGATCTGTGGT
GTAGGCTGGCTTGTAGTGGTCCAGGAACATGAGATCGACGTGTTTGAGTTGGCCTGATGC
GGCCAGTCGTGCGATACCCTCGTCGCTTGAGCCTACGACTACTTTGACAAGGTCGGTGAG
GCCTGCAAGATCGACCAAGGACATGATGACAGCCGCGAAAGCGGGGTCACGCTCAAAGCT
GAAGTATCGCTCACCACCTGCTTTGCGTACTGCATCTGCGAAGAGAATGCAGGAGTAGCC
TACATAGCCGCCGAGTTCTACCTGCGAGGTGTTAGAAACGTAGAATCGAGTTCGACAAGT
CTCGTACCATGGTATTTGGCTTTACTTCCGCAATCAAATCTGTTACGATACGGCCCTTGT
CCTCCCCGACGTTCATGAGATACTTCTTCGTGCGGCCATATTCGTCAATGGCAGCCAGAA
CGTTTTCTGGCGATCCTCGTATCTTCTCGATGTTGGGGTGCGAGTAGACGAAGTGCAGGA
GCTCAATTTCTCGCCCATCGTCGAAGAAGGCACCCTCTTCCTCTTGCGCTGCATAGGCTT
TGCTTTGATCGAAACTACCCATTGTTGCTGTTGTTCAATGGTAGTATGAAATTGTGCGGG
CAGCCGTGAGCTCGACGCGTCCAAGCTGCTAGAGAGTGCCCCTCAACGCGTGTGGTTTAG
TGCGGGGCTGTGGTCAGTAATGACGAAATACATGCAGGAACGTGTACGACGAGTGGCGCT
TGGTTCGGTCGACCGTTTTAGCACGGATCCCGCTTCCGTGGAGTCGTTCTAGATGTCACT
CCTTATGTTAGCACATTAGCAATTGACTTTCTGCAAATTGCTTTTTCTACAAAACCTCTT
TACTGAGGGTGGGATGCCAATGTGTGTCAGACGCCATATCCTGCCTGTTCGGTGCCACAT
CCCCGTGTACGCGTCAAGGCACCCTTGGCACAGGTTGAGGCGAGTTCATACTATACCATG
TGGATACGCGACGCTCATGTGGGTCGGATCATTGGTGCATATACGGTTCTGTATAGTGTT
GACGTTGAGTTGGATGTGGCTGTCGTCAACGATCTAGAGCTTTCTGCATCCGCTAGCCGA
CTATGGAGCCACAAAGACCTGCCATGACAACGTACGCTTACCTCTACCAGGCAATATACC
TCAACGATCCTGGCTCCGCCAAACTCTATCTACCCGAAGCGGGAACTAGGATCGAAAAGA
TCCCCTCGAACGTCACATTTTTTTCCAGCTTGTCCCTGAACTGAGGGGTAAGAAAAGTGC
CGTTGTATGGCTACCGGTACTGCACTATCAGCCCTGCGCGCATCGCAGCACATCTTTCGA
CTAGCTGGCAAATGAAAACTCTCCAACATATGCCACAGAACGTCAGCAATCGAATGATGG
GAATCCTGAAGTGGAGATGAGGTGATTTCGATGATTGCCCCGCAGTTTTATGTAGTGTAT
CTCATCCTCTCCACAACGGGAGAGACTCCGTTGTTGGCACTAAATGGATTCGCGGCTTGT
GCTACGCCGATTGCGTCCTTGGCCGAAGGAAAAATAGGATAGTTCTGCTTTGTCCAAGCC
CGCAAAAACCCATGTTGCATGAGTAAAGTGCATATCCCATGTGCCGGAACCGGGTTTTAC
CGCTGGGAGGGCGCTGTTGTTGAAGTCATTTCATCATGGCTGGCCAGTAGGAGCCTAGTT
TCGCTCGAAGTGAAGTGGTACCAAGTCCAAACAACAAGGGATCCACGAGTGGCCGCATCA
TGAACGAGAATAATGCGTATGGTTGACGTTTGTCTGGAGCGTTGCTGGCGTGCGAGAGCC
AATGGAGGCGGAGCGTGTACCGCGAGCTATATGAGTAGTCCCAAACGACATCGGTCTGTC
GACATTTATATAGGACAGCCGTGCCCGTACTTGACCCCGCAGAACTCAACGTATCACATT
TACACCTTTCAAACTCTTTTCACCATGTCAGACCTCAAAGCTTCCGTTGTCGAGACCAAG
AACGGCTTCCATGTCGAGGGATACGAGAAGATCGAATATGACTTCACCTTCCTTGACGGC
GTCTTCAACCCTGCCAACAACAACCTAGCCAAGTGCTATGAGCGTTGGGGCCGTTGCTTG
GCCGTCATGGACTTGAACATCTACAACGTCTATGGCGATGAGATGCAAAAGTACTTCGAC
CACTACAACCTACCCTTGACGATTCACAAGACCATGATCGGCGAGAAGGCCAAGTCCATG
GAGACTCTTCTCAGCATCGTTGACTCGATGACCGACTTTGGTATCATCCGCAAGGAGCCT
GTACTTGTTGTCGTATGTTATCCAGTCTGATGATGGTGTTGAAGGATGCTAATATATCAC
AGGGCGGTGGTTTGGTGACTGATGTTGCTGGGTAAAAAATAGCTCTAAGGCACTCTGGCC
TGACTGCGTTGTTAGAATGGAGTTAACTCGTGACCTTAGATTTGCTTGCGCCGCCTACCG
AAGGAATACCAACTTCATCCGTATTCCCACCACTGTCATTGGCCTGATTGATGCTAGTGT
CAGCATCAAGGTCGCCGTCAACTACGGCAACTACAAGAACCGTCTCGGAGCGTACCACGC
CCCAATGCACACATTCCTCGATTTCTCGTTCTTGAAGACCCTACCGGAGGGTCAAGTACG
AAACGGCTTTGCAGAGTTGATCAAGATCTCAACCTGCGCCCACAAGCCCACATTCGACTT
GCTGGACAAGTACTGTGAGAAGCTAATCACTTCTCGATTCGGTCGTGAGGGTGATGACAA
GGAGGTCCTCCAAGCAGCGGATGAGATCAACCGTGCTGGTATCCACGAGATGTTGAAACT
CGAGACACCTAACCTTCACGAGATCGGTCTCGACCGTGTCATTGCCTATGGCCACACCTG
GAGCCCGCTCCACGAGGTAAGGTTACCACACCTTGCGAATGTTGACTTTGCTAACTCATC

CATAGCTATCGCCCAAGGTCCCACTTCGCCACGGCCATGCCATCTCTATCGACATGGCAT
ACTCGGCAACATTGGCGAACCAGCGCGGTCTCCTCAGTGATGAGGAGCACAGGAGACTGT
TGAACCTGTTCTCGAGGGCTGGTTTGTCCATGGACCACGAGCTGTTCGACGAGGACATGC
TTGACAAGGCCACCAAGGCTATCCTGAAGACCCGTGATGGTCTGCTCCGTGCTGCCGTGC
CTAACCCCATTGGTACCTGCGTATTCCTGAACGATGTCTCCGCCGAGGAGATGAACAAGG
CTCTGCGACGACACAAGGAGCTGATGAAGGAGTACCCTCGCGAGGGTGCCGGTCTTGACG
CGTTCGTCGATGCATCCGACACTGGATACACCATGAACGACAAGCCTATCGAGGACTCCA
TGCACGAGTCAAAGAAGACCATGAACGGTATGACCAACGGCGCCGTCAACGGTACCGCCA
AGGGCCAGGCCAACGGTCCTCCCCAGGGCCTCCAGGAGGTCATGGCTAACGGGTATGAGA
ACGGATATAAGAACTAGAAAGTGACATAGCTGCGAATAAGTCCGACTAGGCAAGCACATG
TCAGATGTTAGCGATGATTTGAACGTAAAAGTTCTTCTTTCAAGCGGCGATGCTGTCTCC
CGTCATGGAGTGATAGATTGCGACATGCTTTATGCTCATCAGCTTCTCCGAAATGAAAAA
AACATTTACTCAACACATTGTACTCTATAGCTCCCTGCATCGTGAATCATGTGATGATGG
TTGGCTGTGTGTGGAAGTTTGCGGTGAATGCCTCGGTACTGCATCGAGCAGAGAGGACAA
GCCTGCCATGCAACTGCTCAGTGTGCGTCCGCCGCTGCGCACTATCGCCGTCTGCAGTAT
TGTTGCTGCGTTATCAGGGTGCCGGTGTCGTTCTTCCGTCCCCTCGCCATTGCCCTCAGT
CCTACCGCTGCTTGAATGTGCCCGTGCCCGCCACGCCAAAAACCCTTCTGCCCGTGCACT
GGCTTGGCGGCCCCCACTCGTTGGTATAAAAACTCTGCGTCCCTCGTCCTCCTTTCTGGC
TCTTTGATCAAAAAATACAAACGAACCCAGCCACGACTATCAGAACATCTTTGTCTTTTA
GTTGCCAGTCACTACGGTGGCGTGGGGTCGGAGAGCGATACTCCTGTAGGAAGCTGCTTT
CTCGTTGGGTCGTCTTCAGTGATGGCGATGAGTCTGCGGTGTCGATTTATTGGGAGGACA
TATATTTGTCTTGTGCACACTTTGACTTGAGTGAGGGGCGCGCAAGCCTGTCGCATAAGT
GTGCTATGTTGCTTCGGGCTAGTCCCTGTGCAAAGTGCTTGAGAGTATCTCACGGCAGTC
TCGCTATCGATTGCATTCGGATCTGAATAGGGCGGTGTTAGTTATAGGCCTCTATTCAGA
CCTTGACAATGCGAACTTGCGAAGAGAATTGAGCCATGTTCAAAAGGAAGTAATAAGTAT
CTGCACGCCGGCCACTGTAGTTCCTTGAGAAACACGGTCTAGTCATTAATGTCATTTGAC
TATTTTTTCTCGTTATCTATCATGCTCAAGTGTCATAATCGTAATGGCACCCATGTCTTT
TGCATAAATCATCCGGCGGAATGCTCTAGCTTTCGTCAATCCATAGCCCTCTATGGAATC
GCAACCTTTACATCGTCCTCGTACTCCACATCTTTGATGCCATCCTTCGTTATGACCTTG
ACCAGCACGCCCTTGAAATCGATCGGAAGACGTCGCTTGAGCTCCTCGGTGCACATGCGC
ATGATCTTCATGCCTTGTTCGTAGTCGATATCGGGATGGTGGTGCTTGTCGAGCAGGGAG
AGACAGTAGTATCTGCAAGTGGTGTTAGCACAAGATGCTTAGATTTGGGACCATGCAGAA
GAGCAGGGAGTGCTTCAGCAAAGACAGCAAGAGAGGAAACATACTGTGCGTATCCGTGTG
CAGCATATGGCAGTGGTGCTTGACTCGCCAAGTAGTCGATCCAGTACAGTGTCGGCTTGT
CGGCAATGGTATCGTATCCGCCCAACAGCAGGTTGACCGTGTAGGGTTTTCTTGACCGTA
GCGCTGACGCCAGTTCTCCTCGGACGAAGTTGGCTGTTGCGGCAGGGGAAAGCTCCATGT
TGTTGCGCATGGAGTATAATTGTACGTTTGCCTGGATGTACTCGGCGAATTGGACTGCAT
CGTTGTTAGCTACCGCCAAGTTATCGTGGCTTCTTCTTGCGTCATACCAGTGTCACCAGC
CTCTCCAGAGAAAGCCATCAAGGTATGTGTGTTGAGTACTCGCGTCTTGTCGTCGGATGC
CTTGAGGATGGTGGCGCCACGCATGGCGGCTTTGGAGGCGGCGATGAGGGTGAAATCCTT
GCCGGTGATTCCTAGTAGGACCTCCCTGTACAGTGGTCAGTACTGGAGCAGGAGACGTCA
AGGCGACTTACATTGTGATGAACTTGAAGTGGTGACGGTAAGTGTGTTGGAGGGCGACTT
TCGTCGGGCTTGGAGAGTCTGGTGGGAGGGCGTATGAGCAGGCAGGTGACACGAGTCTTG
TCCTACGAGCGAGTTGACGTAGTGGCGAGGACGGTATTGGTGTGGTTATACGGTGATGTT
GAAGCCTCACGCGAAGGCAGCTCCCAGCGTCGCGGCCGCCGTACACATGAAGCTTGGGCC
AGCTCGGGCTTGGCAGAACTGGACTTGAATGTGAACAGGCACGCCTGGAGTCGTGAACAA
GAAGAGCTGTGTCCACTCAGACCTGTGCAATACCTCACAGCTTTGGCTCCATTCGGTTCG
TGAACCATGTTCAATCAACTATTCGTCATTGACGACGATGTTTCATACCAGAACAGCCTG
AGATGCGCGTCGCCTCTACTGCTAGCCCGCACCAACATGTACAAAGTACTTCACAATGCT
GCTGTGCCCTCTACCGACCTGAACAGTCTTTTTTTCTTTCTGTTGCGACGACCTGCCGTA
ATTCTTGGAAGCCCAAGGTAGATGTGCAATCTTCGCATGATACAAGAGATGGATGAATAG
CCGTGATGATGCTCACAGGATACTCACGGTACCTTGCGAACCTGCAACATTGGCTACAGC
TGCATGCAACAAACCAAACAGGTCAACGTTGTGTTGGGCTGGTTCTGCATCTACTCGAAT
CCTTCACCGGTGCCCATGAGAGCTACTGTTTCGCCTGGCTTGGCTGCGAAGACGTTGTAT
CGCACTTGTCTGACATTCCTTGGTATTTCCTCAAGGAGCGCTCTGAAGTTTTGAATCCCG
CAGGAGAAGCTACCTTGGACGACGATCTCCCGTTCACAACGGACAGGGCCAAGGACTGCA
TGTATCACCGACATGTATCAATTGTATCCCACAGACCCCCAAACCAGCTTGCGCGTCGTC
CCACTCGATGCTTTTGCGATAATGTTAATGCACACTTTTACAAAGAGGCCGTGGGTGGCT
ACCAATGAGGCGACGGCGTCATAGCGGGGCTGAATTCTGCTGAGCAACCCCTCCAAAACC
TTGCTGGACTCTTAAGCTCTGGAACACCCCACCCAAACAAAACAACACCGACACTTGATC
TTACACATACAACTAGTAAGTCGAATTTTCTGCTCGGCATCCTATCCGCGGCCGGACATT
GCTGCCCGCGCATCCGGTCGCCTTCTATATCTCCTGCCTTGCACTTTGCGGCTCCCCAAC
TCTCCAATTGACTTTCTCAACAGCAATCCTTCACCATGACCATCACCAAGATCCACGCCC
GCTCCGTCTACGACTCTCGGGTACGTTTGCAGACATTTGTGCTTGTCAAGCTTCGTTGCT
AACATCTCCAGGGTAACCCGACTGTCGAGGTTGACATTGTCACCGAGACCGGCCTTCACC
GCGCCATCGTCCCCTCCGGTGCCTCCACTGGCTCCCACGAGGCTTGCGAACTCCGCGATG
GAGACAAGTCCAAGTGGGGTGGTAAGGGTGTCACCAAGGCTGTCGCCAACGTCAACGACA
CCATTGCCCCTGCTCTCATCAAGGAGAAGCTCGACGTCAAGGACCAGTCCGCCGTAGACG

CGTTCCTCAACAAGCTCGATGGCACCACAAACAAGACCAACCTGGGCGCCAACGCCATCC
TCGGTGTCTCAATGGCCATTGCAAAGGCCGCTGCCGCCGAGAAGGGTGTACCTCTCTACG
CACACATCTCCGACTTGGCTGGCACCAAGAAGCCCTACGTTCTCCCTGTACCCTGTAGGT
GAACTGAAGTTGACAAGTAGAGGCATTTTACTGACTATGCAGTCCAAAACGTCCTCAACG
GTGGCTCGCACGCTGGTGGCCGTCTTGCTTTCCAAGAGTTCATGATCGTTCCTTGGTAGG
TCATCTTTCCGCATACAGTTCTAGCCCATACTGACGACCTCCAGTGAGGCCCCTACCTTC
TCCGAGGCCATGCGCCAGGGAGCCGAAGTCTACCAGAAGCTCAAGGCCCTTGCCAAGAAG
ACCTACGGACAGTCCGCTGGAAACGTCGGTGACGAGGGTGGTGTTGCCCCTGACATCCAG
ACCGCCGAGGAGGCCCTTGACCTCATCACCAAGGCCATTGAGGAGGCCGGCTACACTGGC
AAGATCAAGATCGCCATGGATGTCGCATCAAGTGAATTCTACAAGGCCGACGAGAAGAAG
TACGATCTTGACTTCAAGAACCCCGACAGCGACAAGAGCAAGTGGCTCACATACGAACAA
CTCGCCGAGATGTACAAGTCCCTGGCCGAGAAGTACCCCATTGTCAGCATCGAGGACCCC
TTCGCTGAGGATGACTGGGAGGCTTGGTCTTACTTCTTCAAGACCTACGACGGCCAGATC
GTTGGTGATGACTTGACCGTCACCAACCCCGAGTTCATCAAGAAGGCCATTGAGCTCAAG
TCTTGCAATGCTCTCCTCCTCAAGGTCAACCAGATCGGTACCATCACTGAGGCCATCCAG
GCTGCCAAGGACGCTTTCGGCGCTGGCTGGGGTGTCATGGTTTCTCACCGCTCTGGCGAG
ACTGAGGATGTCACCATTGCCGACATTGTCGTCGGACTGCGATCCGGCCAGATCAAGACT
GGTGCACCTGCCCGATCTGAGCGTCTCGCTAAGCTCAACCAGATCCTCCGTATCGAGGAG
GAGCTTGGTGACAACGCCGTCTACGCCGGTAACAACTTCAGGACCGCCGTTAACTTGTAA
GCGCTTCTTTTGCAGGGTCCGATAGTGTTAGCGTTGTGAGGAAATGCGACGAATAATGAG
TTAAGAGCAAAGGAAATATGTATACAAAATGCAACGATATATCCTACACCATGATTTTTT
TATTTCGCATCGAACACTGAAGCGACTATTGCTCTGCTTGCCATCAAGTTTGACTTGAGC
ATAGCCTCAAGAAACACAATGCTGCAACAATTCCTGGAGCATTTTCGCACGAGGTAACTG
CGCTTCCAGAGTTGGACTGTCGAGAAACTCAGATGTCAGCAGATCAGGTCAACTGCTATA
GTCGTCGCAATTCTCCAACACAGTAGCCTCTTTGCTTCAAGCTGCCAGAGCTGGTATAGA
CGCAGCCTCACATGTCGAACCAATCCAAGCTACTCTCAGCAAGCCCGGCGGTATACAAAT
GCCAACTTCTGCACACTTCCCAAACATCAACACGAAAAAGCCTTCTGGGGCAGTAAACAT
ACATCTTCTGTGCCAGTCTGTAGTTCTGAACTCCTAGTAGTAGATTCCATAGCATATGAG
GATATGTCGTGGCTTGCAGGATCGGTAGAGGTCTGGAGGCATATTACTACATGTGCAGTT
GACAACTTGGAGGATGAATGTGCTCATCTGGACGATCATCTCCAAATAGAATGGTATGGT
AGAAACATGTCCTTGCATTACTGCTGCCTGGTCCATTCTTCGATGACAATCTAGATCAAG
TTCACCACTCACAGAGCCATTGCAAAGAGTCTCAGACCTTACCCAGTTTGTTCATGTTAC
TTCTATCACTCATGCCCTCAGCTACTCCCATCTTTCTAGCCCCATCATCCCCGGTCGCCC
AACAACTTCACATTCCGCCCTGTCCTCACACATAGGCCCAATACCGTTCCGGCTACTATA
CGCACAGCAGATCCAATCCCCACCACAGTAGTTTGGGACCCAGTAACCCGTTGCATTGCA
GTATCGGAAGCGGTCGCCGAAATGGTGGCATTGGGCTACACCAGGGAGGCACATGGGGTC
AATTTGCCAGAGCGCTGTTGTGGTAGTAGCGGGGAAGGCGGCAACTGTGGTGCTGGCTGT
TCTAGGGGAGGGGAACGTAGCCCAAGAGGATGTTTCGATGGTGGTGTTGGTGGCCATCGT
CGTTGTTGCTGTTGTTGTTGATAGTGCTGAAATAGTACAAGCGGACTTTGCGATGGCAGA
GGCGATGGCGGTGGAGGGTATTAGGAGTATGATGATGAAGGTGGTGAAGGAGAATTGCGG
GGCTGCGAGTGATGGATGCATAATATTTTTTGGGGGGGAAGTAGGAGAGCATGGAGAGTT
CGAGTCGCGTATCAAGTAGGGCGATGGTAGCGTTGAATGTGTTTGAGATGTACTTACCTG
TTCACTTGTTTGACTTGGTAGAATGTGATAGCTGTTGTGTTTGTCATACGTACTCATACC
GATGCTGATGTTGTGATCAAATGATATCACATCTTGAGCGAGGTGTCGACGTATACGTAC
GCTGGAACGACTTACTTGTGTTACCTTGTTCCACGTATCAAAAGGATACAGCCCTATCAA
GCCTTGCAATGCTCATATATTGGGTGATTAGAAGCTACCGTCAAAGACATTTTGTAGCAT
TGCATTTCCAGTTTGTTGAGTGAGTGTAAAGACTTCGGTATTGTCACACAGGATCGTCTG
TGCACCCTACGAATGATTTGATATGATCTGTCCTACAGACAATGTGATTGAATGTGACTG
TCTACTTCTTGATGAGACCGACCTTATCCCGACATCCACCGATTCTGTACAATATGCTTT
AGTATATACTTCGACACCCAGAGTAGGCGGAGGCAAGCTCGTCGAGTCTATCGATGTTTA
ACTTTGCGACACGCCGACTTTTCGATGCTCTGTGCATGGTGTAAGGAACACTCTCACGAA
GCAGCCGAGCAGGTATTCGGTCAAATCTCGGTGCTTATAGTAGTAGTGATTCGTGCCGCA
AAAGACGTCGTGCTCTAACCTTGAGACGGTCCGGAACTCGGCACGTTCGCGGCCCGGACT
GTGCAAGCCATCAATAGACCAAGTAGACACGATGGTATATAGTGGGATAGAGATGTTCTG
GACTCTCCGTGGCTTCACGACAGCCACATTCGAAGTTCATGACGCGGTGCAACAGTGAGA
GGCGCAAGGGGTGTGCAGGAGCTACCCAAAGTCTGTCAAAGTCTAGGCGTGTCATCATTG
CCGTCTAGCTTTGGTCGGCCGAACAAAGTGCACTGTCGCCCTGAGCTTACCGTGCCTGCT
TTGTGTCTTGGGCGGAGTGGCAGGGGACATCTTGCTCTGGAGCGGACCGCAGCCGTTTAA
GATGTTGCGGCTCATGCGGTGTCGTTGACTGCAAAAACGATTCATTATTTGTGGGCATGA
AGATTGCAATACCGTCTGGACTGCGCGTTCTCAATTAACTAATGTCAGCTGTCGATACAA
GCGTATCATGTAGAGCACGGTCGTGAAGCCCTTGGTATCGACGAGACAGACCAGGCGCCC
GATATGGGTAGGTCCAGACCGTTGCCAAGAGTTTTGAGCAATGGGCCTGATGAATTAACA
TCGAACATGGGTGTCCATGTCGTCATGATAGCAGAGCGGATCTCCATTGTACTATGTATG
TATTGTGAAGCCTCTTGCGTAGTTGCTCAACATGGAGAGCCTGGTGGTGATACCAGGCTT
GCAGTAAAGGCGTGTAGCGGAAAAACCTTGGGGCGATGGTCTAGACATCTAGACGGCTCC
GCGGGTAGAGCTTCTAGCGCGGCATGTCAGATGTGTACCATGGTTCATGTGCTTTTGGAC
TCGCGAGATATGACAAACCAAGATATCATAGTGTCGCTCATTCGGTGTCAACGCGCGTTG
GCAGAGGCGTGATTGGCAAGCGCGTTGCTTTGACCCAATGAGTGGGTCGTGGATGTATGC

AAGATCTTGAGGAGTGACTGTAAAAATTCGACGATGTTCGCCTCACGATCTAGATGCTAC
GGCTGCCCGGCCGTGAGCTCGAAGAGTACCTCTCCACTCTCAAAGCAGTTGCGGTGAGAA
CCAAGACGCCGACATGTGCTGGAAAGGTCCTAGCAACGTGATGGAGCGGGTACTGGCAGC
TTTCATGTTTTGTGGCTGCTCCTTCTGCAGTGGTCCGGTGCAGCTAGCGCCGGAAAATTG
GGCAGCCGCACGCCAGGCGTCGAACATGTCGACAGCTCTCCTCAGATGTCAGCTTGGTAG
CGGCAAGTATTCATAGGCACGCACAGGTGATGTCGGTCAAGACAAAAGGGAAAACAAAAG
GAAGAAGAGGTGCATCAAGCTGACATGGCCAGCGCCCCTGCAGCGAGACAGCTAGAGAGG
TCGATCGGCACACGGTGCACATCATTACTCGCATGGGAGCACGCCGTTCACGATGCCTTG
TCGATCATGTTCTGATTAGTTGGCCAATGCTTGGTGCGACAGGTTCCCAAACAGGAGCAC
ACCCACGGGGCCGGAAAAGTCGACGACGTTGTTGCTGTAAGAAGACACCATGTAACGTTA
CTCTGGACTCAGGCCTCTTGAGGGCCTTTGGACGTTGGCGGAAGTTAAGCCAGCAGACTA
CGCGTGTGAATTTGAATACGGGACAGCGGAGGGACGGCGGGTGATTCGTCAGACCAGGCT
GGATTATGGCTAGCGCGGGGAATAAGAGTAGCAAAAGACCGAGCATGCAGCCTGAGGCCT
GGACTTGTAAAGATGACACATTAATGTTTGCTCGAGGGCCGAATGCGCAGGTGGGCTGCA
GAGGGACGGCGTCGCAGAGTGAAGCGGAAGCTGCGTCAACGGTGTCCAAAAAGAGGGCAC
TCTCAGGACAGGCGACTGGTCGAGAGGGTGTCGAAGCTTGCAGCGCGAGGGCAGCGATGG
AAGACGGAAGCACGAGCAGACAGCAGAACAAAGAGCGCTAGGTTCTGTTTCGGCCGATCG
TCGATCTGGTGTCGTGTAAGACGAGGCGCTAAGCCCGGTGTATCGTTGACCCTCTACCAG
CACTGTGCGACGGCAGTGCGGCTTCATGGGGAAGCTACATGGACGCAGCAAACGGGCGCG
GTAAGATGCGTAGGCGGAGCTGGAGCCGCTGACGTCAAGCAGGAGGAAGGGCCGCGAGCT
GCGAGTGCGGCTGTGTCGAGGCGCGGATGCTGTGTACATGTTAGGCAGTTAGCAGTGGTT
AGCAGTTGTTGGGCAGTCGGCGGTAGCTTTTGGCCGCCACAATAAAGCATATGCTCTGGA
TGGGCAAAAAAGCAAGACGAGGGCGAAAAGCGTAATTGGCATGTTCGCATTATCCGGATT
GGAGCGCTGGGCGGGCGGACAGTAATCGTCATGGCGTAGGGCCAGGCGTCAAGGTCGGCG
GTGACTGCAGACTGTGTGCGGGCGAGGTTTGCATAGGGGCCGAAGCGGAAGGGGCTACTG
GGGTAGCGCTGGAAATCGTGCAGGAGCGACCGGGAGCCGAGTGCGTCTAGACTGTTCCAG
CAGGCGCGACCCACTGTGTGTGCTGACCGAAGCCACCCAGGGTCCCTCGACGCTCAGCAT
CAATGTGCCGCCATCCATCACGACGACCGTGGGAGGGGAGCGGCATGGCAGGCGGACGGG
CAGCACGACGAGCCTCAACTCGAAACGTAGACACGAGTTGGGGCCCACGGTGGTTTTGAC
CGCGTGCAGGCAAACAGCAGCGCAGCCGACTGTCACTACCACCCAACGGGGGCGGGCCTG
GAGGGTGCAAGGACGCGCAAAGCCATGGCTCCGGGTCAGGTTCTAGATCGTCCACCAGCC
CTCTTATGTGCGACTCTAGCAAAAGACCAACCATATCGCTGACTGCCCGCCGTGCCTGCC
ATTTCTCGCCTTCCTTCTCTCTGTCCCGCACATCACGCATTCCTCGCCCTCCCACACACC
GTTACTAATCCGCTTCCGCATGCATTTCCGACTTCCTTCGTAGCCCTCTGCATATCGTTG
TCCAACTTCGCACTTCGTCTGACCAACACCCCTGTGCCCATCCTGGACGCCCGTGCCGAT
TGCCCGCATGGGATTCTGAAAGATGGAGGGACTTACTACCATCCCACCTGATATAATCGA
GCGCCAGTCGCTCTGCTTCTCTCGCCCAGAGCCAGGCATGGTCGTGCAACAAGGAGAGAA
CGGCTTCAGAGAAGAACTGTCACAGCTATATGTCCCCGCAGAGAGCAACGCCGCCGAGCA
ACTCGTCAAACTAAAGGACTCCCTCCGCAAAGCCGACACCGACAGCTTCTGGATTCAGCT
CACCCAAGGCCTCGCCAAAATTGCCGATGCTCAGTACGCTTTTGTGTCCAAGAGAATACT
GGTTGATGATAAGAATGTTGCTGTCGAACTGCCCCCCATTGGAGAGCCTGGAGCATGCCT
CATGGGCGAGGCCTTTTACATCAACGACGACCATGGCAACGGACCCGGCCATCTGAGAAA
CTTCAAATACCATGCCTACCAATGTCCGTGTGCCTACATGAAGCACGACAAGGTCTTCAT
CATTCCCGAAAGATTAAACGATTTCATCCTCGACAACCCAAATGACCTGATCATTCCCGG
AGAGGCTTACCTTGGAATCCCTTTGTTTGCCGAGGGAAAGTGCTTCGCTCATTTCGGTGT
CATGTGGGGAAAAGAGGGCGCAGCTCGTCGTGTGTTGAGCTGGGGGTTCCTCGAAATGCT
GTTCCATAGCCTGGAAGACATGATTCTAGAACGCGTATTGGAAGGCAACGAGTTTGCAAA
GTCAGCAGAATCAATTCAAGCCGAGATACCCAGGATCGTGCCGCACAGAGCCGTCTCGGC
GGCTCAATCGTTGAAGCCCTACGCCCGGAGCTTATCCCATGAATTAAGGACGCCAATGCA
GGGCGTTGTTGGTATGCTGGATGTTATGATGGCAAACGTAAAAGAAGCATCAGAATCATT
GCAGCTCGAATCACGGACCCGTGAGATACTCGACACACTCAGGGAGAACATTGAAGCTGT
CCAAGGTGTGTAACAACTCGTTGAAGAACCTGTAGTGATGGCTCCATACTGATACTACTC
TAGACAGCTCAAGACGTGCAGTCGAGGCAGCCGATAATGTCGTCCATGCCTACGACATGA
ACATGGGTGTTCCAGAGACCCCACTTTCGCCACTCGACAAGACTCCGGACCAGTGGAACA
CTTTCTGGCGTGAGATGCGACCCGATTTGATGATCACTGGTAACGACATGCGTGCTCCAT
TACGCGGCATCAAGAGGAGGAGACACGAGGTTTCTTGGGCAGACCATGCCAACAAGACAC
GCGTTGCCAAGAATGCTCGCCAACGAGTTCGAGACACCTTTTCAGAGGAGCCCCCCAAGC
GCGGCACTAAGTCGTGCCCCCCAGACGCAAGCGCTCTGGAACTAGACCGACTGGACCACA
CCTGCTCGCATGGAACCTCGTTAGGCAAGTGCGATTCAACCACCTCGCCCATCTTCGCAT
CCGAACATTCCAAAGTTCCCGGTCTCCGACATACCAATCTAAGAGAAGTGCTTCAATACG
TCATTAACGATGCGCTCAAAGTGGGAGGAAGGCCGGATTCCGCCATTGCTGAGGCTACCG
ACACAGGAGAGCGCATTGAAGTCCGAACACGTAGCTCAAACGGAGAGGCACATACTAAAT
GGATCGAGTGGACCGTCTCTGCCGATGTCCCAGAGACGATTGTCATCGATGAACGGGATC
TCGCCAAGATGGTCTCCTGCCTCGCTCTTAATGCTATCAAGTTCACACAGGATGGATCCA
TCACACTTCAAGCAACACTCAGCGCAAAAGGCCGTTACATTGTCATCAATATCAAAGATA
CTGGCTCTGGCATCCCCGCAGCTTTCCTACCTAACCTGTTCAAACCATTCTCGAGAGAAG
ACGATTCGATGACACGACAGAGTGAGGGACTGGGTCTTGGTCTAATGGTCGCCAAGGGGA
TTGCAAGGAAACTAGGTGGTGATCTCTTCTGTCTCCGTTCGCATGTTTCTGGGCCAGGGA

GAGGGTCGGAATTCGAGATGAGAGTCCCGCTTACCCCAGGCGAGATTTGCAGTCGCCCTG
CAACGCCTTTTGGATCCCCTACACTTTCCATCAAATCCCGCATGTCTATCGATCCGGAAG
TACCCCACCTGGACCTCGGCCGTGGCCCCGTCACTCCTCCCTTAAGTTCTGAATCATTCA
AGAGTGATCGCGAACGTCAGCCGCCAATTACACCTGTCATCACTGTCCGCTCTGCAACAT
CGCCAGAAGATATCGGCCTCGCTACCCCCCGCCGCACCTTGTCTCCTCCCCGACAACAAC
ACGCCACTCGCGCTCTATCTTCAGAGAGGGACGTTGTGCCATCTGATCTGGGCGTTCAAC
TGCCTCTGAACATTCTAGTCGTAGACGACAACGCCATCAACCGACGTGTGCTGGTAAGCA
TGCTGGGTAGACTGGGCTACAAGAACATCACTACGGCATTCAACGGTAACGACGCCGTTG
AGACTGTTCGTCGCAATGCTCTCGGCCCGGCGACTGAGTCCTTTGACGTTGTCCTCATGG
ACCTTTGGATGCCGTTGTTGGACGGCTTCCAAGCCACTGAGGTGATTCTGAAGATGCCAG
AGCTTGAGCGGAAGCCGACCATTCTGGCGGTGAGCGCGGACATTACAGACGCCGCTCTTG
ACAAAGCAGTCAAGAGTGGCATGAAAGGCTTTGTCACCAAGCCCTTCATCACACGAGACA
TTGCCCGATTGATTCGGACATACTGCGCAAGCCAATAAGCTTGCCACTTTTACTTCTCCC
ACGGCGCTCTGGCTGCCTGGTTCTATTCACGTTATACACATTATAGTTGTACACCATACA
GGTGATCATGTTAGAAAGCGGGCATGATTGGATCGGACTGGGTACACGACGATCACGATA
GCATTTGACCAGCCCTTTGGAGGGCCTTTATTTTGCGGCGTTCAACGAGCGGGATACCTA
TGGTGGGCTATAATACCCTTTGATGAATTTTGCATGTTGGGATGACCTTGGTTATGGGTT
ACAGTAGCATATGCGGGCTACTCGAATACAACGAAACGTTAAACATTTTACTCAATCATT
CCTCGACCCACAAGTGACTCTGCAGTGATGACGACGCGTTGCTTGGTGAGGCTCTGCTCA
GACCCGGATTGCCGAGCTAGACCCGCAGGCACGGCAGTCTTGCCCAGGTGAGGTGCAGTG
GTGATGTCGAAGGTGGGGGCCTTGAATCGTGGGGCATGGCCGCCGAACAGGCCGAGCACA
GCACGTTGTCGGAATCTGCCCGCACCCCATGCATTTCAGACTCGCTGCGAACGGCGCAAA
CCCCAGATTTTCACCAGCCACAATTGACTGCAAGTGAAATGATACCGATCAAAGGGAAAC
TCGAAGACATGGACGAATTGGAAGCGACTTGGGCGAAACGTGGTTATCGGCGAAAAGTGG
CTGGTGAGCATGCGCCACAGCACTAGCCCCTTGCGCTTGCGGGTCGATTAGAGGACAGAT
TTCTTGGGACGCGCCGAAGTCGAGACAAGTGCTGTTGCGCCGCCAGTACAGCCGTTTCTG
CCGTGGACAATCGCAGAATCTTCTATCGTCTTCTCCTGCGACTTTACTTGCGCCAGGAAA
ATACAGTCCCTCCCTTTGTGCTTGAAGTAATCACGCGAAGGTTGTCAAAGTTCCTCTCAA
CGTCATAGGCGAAGATACCTGCGACTTGCGAGCCTCGACATTTCTAGAACCGACATATCC
CTGCGAACAACACTACCACACAACGATTGAGCCACCAGACAGCGTCTCGTTGAACAAGTG
GTGTATTGAGCGAAAATAAGCCGGTGATCAGAGCAGTGGGCATGGAGAATGCGTACACCA
AGACGCCCGCTGAGGCGCTGAAGTATTTCCAGGTCGACGAGCAGAAAGGTCTCAGCGCAC
AGCAGGTGCAAAGCGCGAGGGAGAAGCATGGAAAGAATGGTGTGTTACTATTCCCCTAGA
CCGCGACGACGACTGCTGACACAGAGAACAGCGCTGCCAGAAGACCCACCAACACCCATC
TGGGAGCTCATCCTCGAGCAGTTCAAAGACCAGCTTGTCATCATCTTGCTAGGCTCGGCA
GCAGTGTCGTTTGTACTGGCCCTCTTCGAAGAGGAAGAAGGCTGGACCGCATTCGTGGAC
CCGGCAGTTGTACGTACCAGGCGACGACGTTACATGTACCTGCGCTGACTTGCATGCCTA
CAGATCCTCACCATCCTTATTCTAAACGCCGTCGTCGGAGTATCGCAAGAAACTAGCGCC
GAAAAGGCCATTGCAGCCCTCCAGGAATACTCGGCCAACGAAGCGAAAGTCGTACGTGAC
GGACATGTCAAACGCGTAAAGGCCGACGAGCTGGTCCCCGGAGATGTCATCTCGGTCACA
ATCGGTGACAGGATACCCGCTGATTGCAGGATCCTGTCCATTTCTAGCAACAGCTTCAAC
ATCGACCAGTCCATCTTGACTGGAGAGAGCGAGAGTGTATCCAAGGATACCAGGGCCGTC
AAGGATGAGAACGCTGTCAAGCAGGATCAGGTCAATATGCTCTTCTCGGGTACTACGGTT
GTTACGGGGCATGCGACTGCGCTGGTAGTCCTGACCGGTGGTAACACGGCGATTGGAGAC
ATCCACGAGAGCATCACGGCACAGATCTCACAGCCCACCCCCCTCAAGGAGAAGCTCAAC
GACTTCGGCGACCAGCTCGCAAAGGTCATCACGGCTATCTGCATCCTCGTCTGGCTCATC
AACATTGGCAACTTCAACGACCCTTCGCACGGCAGCTTCACCAAAGGCGCCATCTACTAT
CTTAAGATTGCCGTTTCTCTCGGTGTCGCTGCTATTCCCGAAGGTCTGGCCGTCGTCATC
ACAACTTGCTTGGCTCTGGGAACGCGCAAGATGGCTGCAAGAAACGCCGTTGTGCGAAGC
CTGCCTTCTGTCGAGACACTTGGTAGCTGCAGCGTCATTTGCTCCGACAAGACAGGTACT
CTTACCACCAACCAGATGAGCGTCAACAAGATGGTCTTCCTCAACGAACAAGGTAGTGGC
CTCGAAGAATTTGATATTGAAGGCACCAGCTTCGCCCCTGAGGGTCAGGTCTCCCTCCGT
GGCAAACCCCTTGAGAACCTTGCTGCTCAATCCGACACCGTTCGCCAGATTTGTGAAGTT
ACCGCACTTTGCAACGACGCAGCCCTTGCCTACGACTCCAAGAATGGTACTTACAACCTT
GTCGGTGAGCCTACCGAGGGTGCTCTCCGCGTCTTAGTTGAGAAGGTTGGCACTCCAGAT
ATCGCCCATAACGCGACCCGCGCCAGCACTTCGCCAGAAGGACTTCTCGATTTCTCTACC
AAGCACTACGAAAGCCACTACCCCCGCCTAGCCACCTATGAGTTCTCTCGCGACCGTAAG
AGCATGTCTGTTCTAGTCAAGAATGGTAACTCGCAGAAACTACTCGTCAAGGGCGCCCCG
GAATCGATTCTTGATCGTTGCACCAATGTCATTGTCGGCAAGAACGGAAAGAAGATGCCC
ATGAGCAAGCAACTTTCTACCCTTATCAACAAGGAAATTGTCGAGTACGGCAACCGTGGT
CTTCGTGTCATTGCTGTAGCGTCTGTTGAAGACATTGAATCGAACCCACTTCTGGCAAAG
GCTAAGACTACCAAGGAATACACCCAGCTGGAGCAGAAGATGACTCTCATCGGTCTCGTC
GGCATGTTGGACCCTCCCCGCCCTGAAGTCCGCGACTCAATCGCCAAGTGCCGCTCCGCT
GGTATCCGTGTTGTAGTCATCACTGGAGACAATCAGAACACTGCCGAGTCCATCTGCCGT
CAAATCGGTGTCTTTGGCCCCAATGAAGATCTCACTGGCAAGTCTTTCACAGGTCGCCAA
TTCGACGACCTTTCCGAGTCCGAGAAGATGGAAGCCGCCAAGCACGCCAGCCTCTTCTCC
CGCACTGAGCCAACACACAAATCCAAACTCGTCGACCTTCTCCAACAAGCCGGTGAGGTT
GTTGCTATGACTGGTGACGGTGTCAACGACGCGCCTGCTCTCAAGAAAGCTGATATTGGT

GTTGCTATGGGGTCCGGAACCGATGTAGCCAAGCTCGCCGCGGACATGGTGCTTGTAGAC
GACAACTTTGCCACCATCGAAGGTGCCGTTGAAGAAGGTCGTTCCATCTACAACAACACT
CAACAGTTCATCCGCTACCTCATCTCTTCCAACATCGGAGAAGTCGTCTCTATCTTCCTG
ACTGCCGCTATGGGTATGCCTGAGGCTCTGATCCCTGTTCAACTCCTCTGGGTCAATCTC
GTCACCGATGGTCTCCCCGCTACCGCTCTCTCTTTCAACCCTCCAGACCATGATGTAATG
AAGCGCCAACCCCGCAAGCGCGACGAGCCTCTCATCAGTGGCTGGTTGTTCTTCCGCTAC
ATGGTTATTGGTACCTACGTCGGCGCTGCGACTGTCGGTGGCTACGCGTGGTGGTTCATG
TTCAATAGCGATGGGCCCCAGATCTCCTTCTACCAGCTCCGCCACTTCCACCGCTGCTCG
ACCCAGTTCCCTGAGATTGGTTGTGAGATGTTCAGCAACTCGTCTGCCCAAGCTGCCTCT
ACTGTTAGTCTGAGCATTTTGGTCGTCATCGAGATGCTCAATGCCATGAACGCATTGAGC
AGCTCAGAGAGTCTGCTTACATTACCGCTTTGGGAGAACATGATCCTTGTTTATGCCATT
TGTTTGAGCATGGCTTTGCACTTTGCACTTCTCTACGTCCCATTCTTGCAAGGGCTGTTC
AGCGTCATCCCGCTGGACGGCAACGAGTGGAAAGCGGTCATGGCGATCAGCGCGCCAATC
ATGTAAGTCACATTTCACGCCTTGTGCCAAAGGCTACAGAATGAGCAATCGCTAACATGT
TTTCAGCATCATCGACGAGGGCCTCAAGTTCCTCGAACGCAAATTCTTCATCCAAAAGGG
TAACGAGAAGTTGGAGCTCGCTGAACAACAGAACGGCAGGGCGAAGAAGGACTAGATGTT
CTCTTCCTCTTCTTCTCCCTCTCGCTCGCTGAAACGCGCTGACGGACGCCCACATCTCCG
ATCCGATCTAGTCAAAGAACGCATATCATGATCACTTTGCATATAGAAGCAAGAGGTGGG
ACAGCAAGAAGTCAAAGAAGCAGCGAGGAGAGGAGTGTTTTGATACCTTTTGCATGAGAT
TAGGAGTTTTTGCTTTGTTCAAAGACAAGTGGTAGATGTAGATGTAAACAACATGAATAG
AGCAACAGTCACGCCACAGCCGAATGAGTATATGTGGGTACTGCATGTATTTCGAGAGTG
TTGTAGGTGCAAGAGCTGGGGTAAACTGGCGATGTTCAGACCGTTATCGGAACACGGATG
CGGCTCTCCAATCTCCGTGGCAAATCATCTCGCCTATTTACTGTATCCAGTCGTAAACTA
ACAAGACTAGTATATGAGGGCACCGAGGCGACACTCAGTATCCACATGGATGCGATGGTA
ACGTGACAAACCTAGGCAACATCTGCGAAGCTCTAGTCAAACTTGAATAGATTCCGCCAG
GCAAGCCCAAGCCATACCCGAGGTCCCATCAATGCAAACATCTCGCCGACTCTACCTCTG
CCCGCCGGTAGCCCACATTCCAGATAACCTTTCTCATTTCCTACACCGACCAACCATGAA
CTCACGCCAACCACTTCACGACTCCATACTTCCACATTAACGACCTTCATACTTGGCAAC
CAACTTCCTTCCCTCCTTTTCCAACTCATCAACCGTCGGTTCCCAGACAACCGCCTTCTC
ATTCACTCCCAAAAACTCCCAGATGCCCACTCCGGCCTTTGTCTTCCCCTCCTTGCTCTT
TCCCTTTCCCGCCTTCATCTCTCCAGCCGACTTGCCATTGAGAATCAGATGCAAATCAAC
TCTCAGCTTCAAGTAACCATTACCCAAGAACATGACGTCCATTCTATACCGCTCAGCAAC
TGTCTTGAGCGTGATGGTGCGGAACGAAGCGTGGGGTGGGGCTTCGAACGCTTGGATCGG
GTACGGCATGGAGCGAGGTGGAATAGAGAGACGCGCTGTATAGGCTCCCGACATGGGATT
TAGACCGGCGATGGAGGTGATGTTCAAAGTGCGTTGACCGAACCCGTACTTGTCGACATG
GGTAGTGGTGTACTTGGGGCAGTAGAGCTTAAACGTTCCTTCGATGGAGCCCAGCGGTAT
GGGGATGCGTGTCAGGATGCTGTAGCGCAGGAAGGTGGACGCGGCTTTAACGCGCGCAAT
GTCAGACGCCGTATTCTCAGTTTCGGTTTCATTTGTGATGATCACTTTGAATGCTGAGGT
GTCGTCCGAACGTTGGAGCTGGAGCAGTTGCTCGGATTTGGCCGTGCATCCTGAGGCTTG
TTTCAAGCAAGGGAGGGTACCTGCTGCTTCGCTGTCGGAGAGCCACTCGTCGTACTCGTC
AAGGTATGCTGCCTCATCGGTAAAATTGACGGTTCGGCGGGAAGCCGTGAATGTGCTAGA
GAAAGTGGCAAGATTGGCTTCGTCATGCCTTTCAATGTGCTTCTTCTTGTTGTTGAAGGG
AGAGATCTCGTTGCTGGGACGTGTGTATGGTTTATTTGGACGCATTAACATGTCGCGAAT
GGTCCTTGATGTGGTGGAGGAGCTGCTAGAAGAAGTGCTAGGTGCCTCGCTAACGGAACG
ACGGCCTCGAGGACGCGGCTTCGGAGTGTCTCTGAGAGGTTCTTTGAACCGCATGAGGTT
CGCAGTGGTAAGACTGTCGACCTGACTATTGGTGAGCGGGTTCACGGAACCTTGGCTGCC
AACAATGCGCTTTCGGGCCTCTGGGGATTTGGTGTAAATCATGAGGGGAATTTCGGGAGA
AGACTCAAGGGTGCCAGGAGCTTTGCTGGTTTCCTTGGACGTGGTAACTGCGGGTCTGAG
ACTAAACGGGATTGCTTGTACGCGAGGAGTGGTTGCAGGTGTACGGCTCATTTGTGAGAG
AGGGGTCTCGCTGACAAGGACTTCAGACTCTCGAAGGTCTATCTTGTTCTTCTTTATCGG
TGACTCGCTCACACTGCGCGTCAAAGCACCAAGAGACTTCTGAGGAAGTGGAACTGGTGT
GCTCTTCGGCTCGGTAGGCAGGGCTGATGCGACCGACGGAACTGGTATTGGTGTCTTGCT
GACCTTGGACACATTTTCCTCGTTGGAAGCCACAGGTGTTTTCTCCAGCTTCTGCCTCTT
GGCCTTGGGCTTGATCTCGTCAGACTTGATGGCCTTCTTCGTAGTATCGCTGGCCTTCGG
TATCTCAGTCTCAATAGTCTTAGCAACGGTCTTCTTGCCCGAACCCACTGGTCTTCCTGG
CTTATTTCTGGGCGACTCAGTAAGTTTAGCGTTCTCATTGATCCGCTGGTCGAAGATAGA
GGCGAGGCGAGCAAGGGACTTCTTATTGTCTTCCATGTTCTTCTTAAAGTTGGGGCCGAG
CCAATTGTCGGCGTCAGCGAGACCTTTGCCAGTGACAGCTGGACTGTCAACAGGCACCTC
GGTCTCTCTCTTCCGCTTCTTCGCAGCAGAAACTGGAGTTCCGTCCGGGCCTTTCTCTCT
CTTCTTATAAGGACCACGTGGACCGTACCTGCCATTCTTGACGGGTGTGGCGGCGGGTGT
CGCGTCGATTGGCGGGGTGTTCTGCTTCTCTTTCAGCTTTCCTGTTTCCGCAGCAGCCAT
AGCTGCCTTGGCTTCCTTCTTCAGTTTCCTGGCTTCTTTCCTCTCACGCTTCTCGCGCTT
TCGCTGAGCCCTTTCATTGTTGACAAGATCGTCTGTCGTGCTGTCGTTCGTCGTAACGGG
CGCCGGCTTCTCCGCCTCTTTGAAGTCCATGCTGTTGAAAGATTGACGCTTCATTGAGGT
GCCTTGGCCAACGACATGATGTTTTGGGATTCGGTAGAGTCCCTTGGGCGGCATAGTCGT
AATCGCCAGTGGTATCTAAAGCGTAGCTCTGGCTGGGAAAACTTCGTTCGATGGTGTGGC
TTGGTACTGTTGTTGTTGCTGTCGCGACCCGACTGGGCGTAGGAGGCAAACAACTGCAAC
TGCGCGGGTGCGTACCGAAACCCAATTATCTAAACTGAATTAGAGCGATCGCGTTAGAAC

AAATCTTGAAAGTCGTTACCTTGAGTTTTGGTAAATGAGTTGACGGTGGTGTGAGAGGAC
GGTAAAGACGACGTGGGCCAGAGGATATCGCAAGGTGGGCCCAACCTCGAGGTGAAGGTG
AGGATTTAGGCACGAAGTCACCTTCACCGTGAGTATGAGAAAACTGAGCAATGGCGAAAA
GCATAAATAGAAGTGCGTAGAGATTAGAGTGTTTACTAAATTGTAGCATCTTTGAGAATG
CTTCCGGATTTCCAATGGGATCACGTCGTCCTTAAGGATGATCAGCCAAATACAGCGAAA
TAAACTTTGTGCACATCAAGTCCCGAATCGCACATGCGGGTATGGAGGGGACATATTTGG
TAGAACAGGTATAACAAAATGGCTCATGACCTTAGGATTCGTTGGACATTCTGAAGATAC
TCAGTGAGCTTTGACATATCAAGCAACCCATCGTGAAACTGTGGTAACCACAAAACTAAC
CAAGTACCTCAGGCTCCATGCTTTGCAAACGCAATGAGTATATACAGATTGACCTCGAAA
TGGCTACAAAATTACAACACAACTATATTAATACCCTCTCCTGTGGGCGTACCTATGCTA
TTCGAATTCACAACTATCCTTTGAAGTCGCTAGACAATCTAAACACCCCCACTAAACAGC
CTTATAATCCCGGCGCATGCGCAAAGTTCCTGATGTCCTTTGTCTCAATTCGTCCCACAG
CAGGATACATATCATGCCGATCGATATAACTATTTGCCGTCTTGATATTCTCCAACCCAT
CTTTGCTTCCCTCGCTCTTCGCTGTATCAACCTGCACTAGTGCGTTCTTATCCATATCGG
CATCGAAATCGGGCAGTCCATTTCTTTCAGGGAAACTAGTTACTTCACCACCGTTTTCTT
GGATGGGAGGAATATTCGCCATGTCTCCGTGGTCAAGGCTGAGCTTGCGGACGCGAGAGT
CGAGATTTGATGGTGGGGGCTGTGGCGTGCTATCGCTGGGTATTGCGCTGAGCGACTTGG
ACCGCACGGCCTGGAGAGTGTTGGAATCTTCTGAGGTTTGGTTTGGTGCTTCGCCTGCGG
AGAGGGAGCGTTGGGGGTCTACAGTTGGTGTGTGTGGAACACTGTTTGAGCGCTGCTTCT
CATGTGCAGTTTTGCTGCTCTTGGACCAGGACTTGAATTTGAAGGCCGAGAGCCAGCCCG
GGCGCTTTTCTTTGCCTGCATTTGGATTTAGGGCGCGTTCAGCGGCAAGTTGGATATGAG
ATTTTGCTTCCGGTTTGGAAGGTTTGGATCCGGCGGTGGGTGTAGGCACGGGCGCAGGCG
CAGGCGCTGAGCGGATGTCGTAGTCTGACTTCCGGCGCGCACCTGCTGCGTCCATGTTAG
GTTCTGAGAGGCCTAACACAGCGCGATTTCGAGCAAGATTTGATTCTTTGACTTCTTCGC
TGATGTACTGCATGGCTTTGTCGATGACTTCAATGTACTCTGGATAGTCGACTACACAGG
CTTCGCGAATCAAACGCAGTTTCTCCCAATCCTGTCGCACTGCTGGACCTGTCAGGTCTG
GGTGCCACCCCATGCTCTTGAGATCGGAACGAATTCCACGGTCAACCTGCTCTTTCACGC
CCATGAGATCGATGAGAGCATCGACTTCGGTGCGTACAACTTTGACGTACTCGCTGAAGC
GTGTGGTGTCCTTGACCGTCCAATGGGAGGTCGTCATGCTGAGGTTGCGCTTTAGACTGG
CTCGCGCACCTGTCTGATTTAGGAGATCCTTCAGCAGGGTGTACTTCTCGCGGAAGCCTT
CTAATCGGTTCGTGTCTAGTGCTGGATATTCGAGGCGCGAGAAAGTCTTTGGACTCTTCA
AGCCGTAAACATTCATCAGTTCGTCTCGCGACATGCTACTTGGGCGTCCCGCAATCTCAT
GGAGCGCCCTGCGGACTTTCGCATTGATGACCTCCTCGTCAAGCCTCGAATCTCTGACGC
CAAAGTGTACAGGCACATGTGGATCTGGATTTGTGATGCCAGGATGGCTGGGTATCATGT
GTCGTGCAATTGTCGCAGGTGGCGCAGTTATACCCACGGCATCGCCAAAGATCAGCAACC
TGCCCTGCTGTAGGCCAAGTTTCGCAAGCACAACCTTTTGCGCATGGTCCTGATCTTTTG
AGGGATGGATGAGGTTGAAAGCCTCAACACAGGTGCTGAATTGGGTCGCGAGAGAGAAGA
CGTCGGTGAGGATCTGGGCCTTGGACTTCCCTCCGGCTGGGTCAGTTGATTCGACGAAGT
CGGTCGTACTTTTCGTCGTCATGTTGGCGGGGTAGGTTTCGATGTCCAGCTAACAAGGTA
CCGATGGTAGAGCGGATGAGGGTGTCGCGCTGCAGAAGCTTGTGCGCCAGCTGAAGGAAA
ATCAGGATGCATCACGGATCAGGTCAAGTCGATATTCATTGCATGTGCGCATGACGTCTG
AGGGGAGAGACCAATATCCAGCTGTGGCGCAGCCGCGTGCACAAAGGAAGCGGGGCAAGG
ATCGGCAAGCCGTTTATCCTCACTTGGCTTTCCTAGCACCATCTTCATTCGTGAAAATAG
GCCAGTATCCGCAACCAAGCACTGCAACAATGTATGCCACGCCTTTTCCTGCAGATTCCA
TCTGTTTTCGACGCCACACGTGTCCAACGCCAGGTCAGACAAATGCCTCACTGCTCGGCC
TGTCACTTTGTTGGGAATGAACGTGCGACCGCAAATTTGGCTGCCAAAATTTTCACCGTC
TTTCGCTGCATAGCTCGCGATCTAGATTGTGTAGTCACCTCGGGTACTTATCTAGATTTT
CTCACAACAGAAAAGACGCGATAAAGATTACTCGATGATTTAGGAATGATTTGGGCCCCA
GTATGCGTCGCGTCGTACTGCACCCGGAATACAGGGCTCGCGGCCTTCGTTGAAAGGTCC
TGAACAAGAGACCGTCGCATTACTGGAACCGTTCGCTGCTCGCACGTATCGTGCACGATA
CCTTGTGACCTGGCGCACTCTGCTCTAGTCGAATTTCAAGCTCACGCCCCTTGCGGCAGT
TTGACACAGACGATAGACCATCATAGGTTCTAAAGCGCAATGCATCGTCCATAAGGCATG
ACACGCAAACTAAGCGGCCCGGACGGTAGTATCCATGATTACGTCGCTCAGCGTCCATCC
GTACCTGCGTATGCGTGCGTAGCGTCGCCTAGTTCAAAGCGTTTTTCGCAACGGCGCAGC
ATCGGCATGGAAGATGATGAGTTCAACGCAGCACCTGCGTTTTGTTCGACTAGAACAATG
CTGTATGTGAATGTACTGTCGATATGTAGACAGAACACAAGCGGCTGGCGGTTTGGCCTC
TGCAAATTGGGCCGTCTCGTTCGCTAGCGGCTATGCGGTATAGGACCGAAAGAACACTAG
AGAGGCGCCTTCCGATGGAAACGCTGAAGATCGTGATACGCATGTCGGCGAGAGGTGTAG
CTTGTCTGCTAGACGGCAATCTGCATATTTTATCATGCAGAGCTAGTGCTGAAATGTTAC
AGCACTGGGACGAGAAGAAGCAATATGGTCCTTTTGCTTAGACGTGGTAGAAGGGACTCT
TGCCACCTGGCCTGTCCTCGTTCACACTCAGCGCAGTGTTAGTGTCGCCATCTTGTTCGC
ACGACCGTGTCTCTGTCTCTTGCTTTTGTAACTCGTTGCGCTCAATACTGAACTCGTTCG
TGACAAAGATGCCACTGCCCCGGCGGCCGAGCTCACTCGGTCTACTTGGTGGCAATGCAT
CATCTTCGCTTTCGCGCTCAGATGCACTTTTACCAGATACCTTACTCTTATTTCCAGTGC
CAGCTGGCCCGTGGTTGCTCTTCCAGTCCATGGGGTACGACCGCCGCTTCGAGGTGGCCT
TGGTGGCTACCGAACCAAAAAGTGGTCCAAAGAGGCGGACGAATGGAGCGCGGAGCATGG
GGAGACAGGCACATATGATACCAGCGTTGGCTTCTATCACTGACCATATTGTAGCAGGAA
CAGGGCCCCAGGTCGGATCGGGATCGTTTGCGGACCTGGCGATTGTAGTTGCACGATAGA

TAGACGCAAAAGTGACACTGAGAAGTCAGCAAGGTGCTTTAAATGGAGGCTCAGATACCT
ACAAGCCACCCGTACCGAAAACAAGTGCCACACCCAACTTCTCGGCTCGTCCCATGGAGA
GTCCTAGGATTCTTCGAAAAGGCATTGCAAGGAGCATGAAGTCGGTTGTAATTTGAACAG
TGGCATAGGAAATCCACCAGGGTTCATTCTTGAAACATCTGGCTCCAGATATGGTTTTGT
CCCAGAATGCGGCGATTGGCGTACATTGGAAAACCGTTGCGATAGTAAAAGCAAAACCGG
TCATGATGACCCAAGCGTCTTCAGTAGAGTCAGTCAATGATCTGTAGTCCGAAACGAGCC
ACTTACTCATGATATGACAGGCAATACGGAAAGACTTTGTGGTGATGGCGAAGATTCGGT
AGTACAGGCAAACCACAGAGATCTTGTTGAACATGAGAACGACTTTGTAAACAACTGCTA
CAGTCAGTGAAATTCATAGTCAAAATTCACACCATTTCCAATAAGTGCCTCCCCGCAGCA
TCTCAGAAACCGGAAAAACCGAGCGATCCGCATGCTTTTGGGATGATGTGTGCATTTGAT
GGATGTCAACTCACTATTCGCTCCATAGAACCATTTGCGAGCAATAACGCGGGAGTCGGC
AGGTAGATCTTTCCAATGTCTCCCGTAGCCATATACCACAGCTGATCAAAGTTAATACCC
ATTTCCCAAACTTGTGCCGACCCACTGACCTTGACACTCTGTTACAGAGAGTAAAACTGA
TGAAAGTAAGGCGGCGATGATCATGTAGTCGTCCATTCCCAGGCCGCTACTCTTGATGAA
TCGCTGCGCTAGACGTGCGCTGACGAAAAGACCGGCGATAATAACAGATAGGACACTGGT
GAGCCAAAGTCCCCATCCGCGCTCAACTGAGCCTTCAGTTCCAAGGCCGACGTTGAAAGT
CATGTCGCTTGAGGGTGCTCGAGTTCTGGAAGGTAAATCCTATGGAACATCCATGAACAG
CGGGAACGGATAGTATTATGGGCCTCGTCTAGCATTTGGCTTTCCAGGTACCCGTCCCTG
GAGATACGGTAGCGCAGGGTGAGGGCTGTGGAGCGGCTGGCAACTCCTTCGTGGGGGCAT
TACGGGAATGCAGTGACGGCGAATTTCTCGTCGTTTCATTCCGATACGATTGGATCTGGT
ATACCAATCTTCGGGGACTACATCTGCCGATCTCTTGGTCTCTGTGCGCATGCAAGCTCT
TCCTTGCTAGAGTCCAGGCGTTTGCCGTGAACGCAGGGCAAACTTCCAATCGCCTCGGTG
TAATGTACTGAACAGGTATGGGTGGGTGACATCACAAATGGAGATCAGCGGTAGCCGGAC
ATCTGCCGGATGTAAGCAGACCGCGTTTGTTGTCCATGTCCACTGTGTTCAAGTTCGGTA
AGAACACGCAAAAGCCGTGGCGGATTAGAAGACGTCACAGTCCCAGGTATTCGAATGCTA
CATGTTGTGGTGATGTTGGCGTTTGCCAGATCGAAAGGTTCCACGCGACCGGGAAGGAGC
GGCAGCGCATCAGGACTAGCGTAACTTGAGATGTCAAAGGATGCAGCCGTGCGAGATGAA
GCCACCCGTCCTGTCTTAAACGTCGTCGAAGCTTTTCGCGCCGGTGTAACGCCGCGCGCG
CTCAATATGGAGCTGTTTGCAACATTTCCAATTGCCTCGGAGCTTTATCTGGTTGTAGTG
TATTTTGCCCCTATGGAACACGGTTGGCGTCGACGGCAACGCAGGAACGCGGAGCCAATT
GCTTGCCAGGCCGAGCCGCGATTTGAATTTCGCTCCATTAAAGTCAGCTGGTCGCCCGCC
TGGCATTGGAATTTATTCCCTAAAGCGCAAGGTTGTTGTTGTTTCGAGTTGAAATTATGC
AGCACCTCCTCCTTACTGCTGCAGCTGTAGCCTCGCTATTCGGTTCGGCTGTTGCAGCGC
CGAAGAATGGCTCCAATGTTGAGACATCGAGTGGTACCTTGATTGGTCACCCATCGTCTA
ACAAGACACATGTGACCGAGTTTCTGGGTATCCGATATGCAGAGGCGCCAGTCGGCGAGT
TGAGATTTGCTGCGCCGAAGAAGTACGATGCGCCAGCAGGAACTGTCTTCGAGGCATCTG
AGTGGGTTAGTAATCGCAATATCGCCAACATGGAGTACAATCGCTAACAAATCATAGTCT
CCGTACGTAAGGAACACAAGACATAGAGGATACTTCTAACGACTCTTTAGTGACTGCCCT
GCTGTCAAGCCGCCAGTGTCCGCCTTCCCCAACTTCACACAGCCATCCGGTCTGCGTGTG
TGGAAGAACTTTGCAGCCCAGAACAACAACTCTGTATCTGAGGATTGTCTGAAGCTCAAT
GTCTGGACGGCAAGTGCTGGTGATGCGGACGCGAAGAAGCCAGTGCTAGTGTTTCTTCAC
GGAGGACGTACGTTGTTCCTTTGATTCGCCAGAATATCCCTAACGACCATTCCAGGTTTC
CAGATTCCTGGTCCTCACTCTCCCTTCTACAACGGCCAATACCTAGCTGACGCTGAGGAT
GTGGTCGTTGTGACATTCAAGTAGGGTTCACTCCATCTTTATCCATGCGTTTACTGACAA
TCCCAGCTACCGATTAGGTATCTTCGGCTTCGCTGGCGCCCCTGGTGTGGAGAAGAACGC
CGCGCTGCGCGATCACCGTACCGCTGTCGAATGGGTGCGCGATAACATCGCTGGTTTCGG
AGGCGACCCATCGCGTATTGTCATCTTCGGACAAAGCGCAGGCGGTGCTGCCGTCGACTA
CTGGGCCTACGCCTGGAAGAATGACCCGATCGTTTCTGGCCTCATCCCCATGTCTGGAAC
CTCCCTGAGCTTCGTCCCCAACACTGTCGAGTACTCGCAGTCCATCTGGTACAATGTGTC
CCAGACCATCGGCTGTGGCGGCGCTGCAGATGACGCTGCAGCAGTTGTGTCTTGCGTGCG
CTCTGCAAACATGTCTGCTCTTCTGGCTGCCTCCGCAAAGGTTCCTGGTCTCCCAAGTGT
GGCTTTGACTCAAGCAACTTTCCACCCGACTATGGACAACATTACGGTCTTTGAAGATTA
CCAACAACTCTCTTCCGATGGCTGTTTTGCCAAGATTCCACTCTTGGTTGGTAACGCCGA
CCATGAAGATGGCTGGTATCGCATCTCTGGGTGGGCGGCCAAGCTGAACTTTACCAATGC
ACAATGGGATCTGTTCACTCAGCGCGGTTTCACGTGTCCAACCTCTCTGTCCGCTGCATA
CCGGGCTCAGTATGATGTGCCTACCTGGCGATACAGATACCACGGTGATTGGGATAACCT
TCGCCTCTACAACGGCAGCGCAGGTCTTGGTTCCCAAGGAAGCGCTGCATACCATGGCTC
CGATCTTGGCTTGGTCTTCGGCACTGCTCAGGACATCTCTGGTCTACCCAATTCTCCTGC
CGAGAACCAGTACACGAAATATATCCAGGGTGCCTGGGGTGCTTTTGCCCGGGACTCACA
AAAAGGATTGACTGAATATGGATGGCCTTTGTACAACTCAGGTAAGAGTCATTTGTTCTC
TGGGTACAACTACTTCTTTGCTAACATACGCACAGGCAATGCCACACTCGTCGAGCTGGC
CTACAACAACGACGCGACGCCCAAGTTTGTCAAACCCAAAATCTATGACGCGTCGTGTCC
CGCGAAGAATGACCCTCTGCCCGGGCGAGGCGCCTTCTAGAAAGACGGAGCTAGGCGCAC
ATCGCTGAATAAGTAGTACCTTGAAACACATCCTTGAATATTTTCATCTCGTTTACCATC
GCTTCGCCTCGACTGTCACTGTCTGCATCTGTACCTTGATTCGGATGGCTGCATCTTGGT
GTTCCAGAATACTACGGATTAAATATCAGACGACTCGCCGTTGAACCCAGCACTGAGTTT
GCGTCCGAAGAGGTTGTTGTCCCGGCACTTGGGTCCCCAGGATCTGGTTGCGGTCGGGCT
GGGTTGACGTTTATGGTTACGGCCTGATGCGCTGACGCCAACTAACAAACTTTTGTCGTA

AGCCCACAGCGCGGCGCCAACCGACTTCTCTCCGTAAGAAATGACACGGAAGATATCCTA
TCGCAGCTGCTGTTCCCTGGAAATGATATCGCAGTCATCTGTGATTGGGCTACCGAGGTA
ATTGCGAAGGTGGGCGGGTGTGACATGGTGGAGACGAGCACGTGGCTATAGCAATCCCAG
CTCATCCGGCGCCATCCTTCCGAACTACAGCAGTGTGTATCGTGAATCTAATCATGCCAT
TTCCACAACTACGATGTGATTAGACGCATGAACTAGCGTCAAATTCTTCTGTAACCGATC
TTGACCAATTGTTCCTGAATATGCCGTTCGCATCAGGCACGACGATCGAGATTTCAGTGG
CGCACAGTCTGCATGAAGGCTTGCATGCGTTCGATAGTTCCGTCGAGGAGGATTGAGGCT
CGTCGGTGCAGCACATGTACAGTCCTCGGTTTCCAAGAGCCAGAACATAGATAGTGAATC
CTTCTGACCCGCCTCATCCACTTGGATAGCTGCTTGACTCGCAGTCTCATCGCACTAATT
CGCGATTACGCAGCCTGGACTCTTCAGCACAAGAGAGATTTCTTCCGTTGACATCGTCTT
GTAAGATACTCCAGTTTCTCTATAACATATCAGAGGCGAACAGAGACCGGAATCATCAAG
GATGATCCCCCGTCTTGGCAATGTATATATTGTTCAATAAGGCCGGGATGTCCAACTGTA
AGTACCGGGACTAGAATCCCATGCCGCGTCTATGCTAACCTACCAGAGCAAAGTTACTGC
GGGGCCCTTGCGATTGCGGCGTGGTATCTGCACAGGATACGGGCTTGCTCCCCGCCCCTC
GGGTCTGTATTTTCTGGGACGAGTAATCTGGTGGCCATCAGGTACAAAAGCCAAAAGCAT
TCCAGTCGATAGGTAGCCTGATCCCCTGGTACCTGCATCTGAACAAACCGGTCCGTCTTC
ATCACCACCATCATCATGAGTTCAGTTGGTGCTTGGCAGTTTGCGCCCCTCGCCACCGAA
TTCCCTACCAATGTTTTGCCTAACCTAGGGTTCTGGAGTGCGACCAACGGGTCTTGGGAA
TATCAGATTCAAGTCGCATGGCCGTTGAACTGGACATCGCAGGAGGAGAGCTCGACTGTG
GAGACGATGTAAGAGCCCATGATGGACTACAGTAGCAACATGAGAAAAGAAGTACTAACA
CCACTACTAGGTATGTCCTCGATGGCAATGCACTCGGCATGACTGCCACGGAAGCTTTCC
GTCGCCGCCGTCCAGTTGAGTTCAACATGCCCGACTGTATCGTCGTCAGCATAGGCTACC
CGGAAACCATTGAAGATTCGCCTTACAGCACCCAGCGAAGCTACGACTTCCAGCCTCCTG
TCTGCGACGGCTGCCCATTGCCAACAGTGCCTGGCGTGCAGTCCAATGCCAATGAGTTCA
TCGAGTTCATCGACACTGCTCTCCGCCCCTGGGTCCAGGAAACAGCTTTCCCAAAGGCTG
AATTCGACCGCGATGCGCTCTACGGTCACTCCTTTGGCGGCCTCTTCGTCCTGTACGCTC
TCACAGTACGCCCCGATCTCTTCGATACATTTCTCAGCGCCTCCCCGGCACTCTTCTTCA
ACAACGATTACGTCTTCAACAACACGGATTTTCTCGCACCGCTAACTTCGCCCTCGGCTA
ACAACACTTCCAATGCCACCAAGCCTGCTTTCCAGATAAGCTATGGGGCGCTCGAACAGA
ACCTGGTGCAGAGGCGGACGGAAACGGATGAGGAGTTCGCCTTTAGACAGAGCATCCTTG
TACCGCAGCGGATGACGGATCTGAGCCAAAAGCTATACAGCACGCTGGAGGATAGTCCGG
CGTTGAGGGATATCAGCATACATGAGTACCCTTTCAGTGATCATGCTGCAGTAGGCGCGG
CAGCGCTCGCGGATGGTATCGACTACTTTCTGGACTGGCGAATGCAAAGTGCTGTCCAGG
GTGGAGGTGAAGGAGAGCGACGCCTTGTATGAGGACTGAATGAAAAGCTGATGGTCAACC
CTGAACCTCAAGCATTGCTGACCTGTCTTGCCTGAAATTGGTAATGCTTAATTCCGGCCG
CGGTGATGTCTCTTGCTGTCATTTTTTCAATGCGGCTCATGACTCTGTGTCTTTGTAGCA
TCGGCTATTGATCCACTATGCCAGCGCCAGATTTTGCACCCGACTCGTTGTTCCCTTTAT
CCTGCTCTTCACAGGAGACTTTGTCTGCTGCCTTGATCTTCCGCGTTACCCGGTCACGAC
GACGCGATTGGAGATGGGAAGTCGGTTCGTCTGGGCTGGGAAGTTACAAATGGATAGCTT
GCCGGACTACTTGCCCGTTTGGCAGTAATAGCGCTGTGCCTGACCGCCTTGTTCGAACAC
CTGGGGACGCTGGTCTGAGGCGATGTCACGCTGGGCGCGACTGGATTCGCGCGACTGGTG
GAAACGATTAGATTACAACCCCGCCCTAAGCAGGTCAAAAACCACACGGCGGCATGTGTA
CTGCCCACATCACCCACAATCGTGCACACGGGGTACGATAAGTGATAACATGGAGTGGAC
ACGTCCCACCGCTCATTGCACCAGAGTTGGAGCAGGTGGTGCGGCCAAATGCCGGCGAGG
GGCGACATTGGCTGAAATTTTCGGGGCAGTGGGTACAGCCGCCAGCAAGAGCCTCAACGG
ATGCGCATCCGGTGTTTGATCAACGCAGAAAAAGTTTCGCCTAGGGAATCCCGGCGATAC
GTCATCTTGAGGGAAAAGAAGGGTCCGGTGAGGAGGGGATGATGGCACGTAGAAATAGCA
AAATGGCCCTGTGCCCGCGAGCCCTGCCCTCGCAACATCCTCACGAAGCAACCGCTGGAC
GGCACAAGATTCCCTCCCCACCATCACGACTTCCACGGCCGACTTGACCACCACCACCAC
CATCATGCAGCGAGCAAACACGACCGAGAGCCTGCGCACGCCTGGCGCCAGCATCGCGAC
CCTCAACCTGAACAAGCCCCCGCGGCCGGGCATGGAGCGCGCGCCCACATCCACCAACCT
CACACGGCCGCTGCCCATCCAACGCCTGGAGGGCAAGGTCGTCATGATCACGGGCGGAGG
CGGCAAGGTGGGCGTCGAGTCTGCTGGCCGCCTGCTTATCGAAGGCTGCAACGTCGCCCT
CATCGACATCGACCAGGGTGCTCTCGAGGCTGCCGTGCCCGTCCTCAAGGCCGCCATTCC
CACAGGCTCGCCCATCGAGTCGCGCCTGCTCACCATTGTCGCCGACGCGACCAAGGAGCC
CGACGTCGAGGCATGCGCCAAGAAGGTGGTGCAACGCTTCGAGAGGCTCGACGCTGCCCT
GCTCAACTGCTGCCATCGCGGCGAGTCCAAGAGCATCTTCGACGTCACCGAAGACGACTT
TGACCGCATCATGACCATCAACGCCAAGTCTGGTATGTCACTCCCCTGTCTCTTCGACAA
CGTCACCCTCCGCTGACTCTTGACCCCCCAGCATTCCTAGGCGTCAAGTACGCTGCTACA
GCCATGCAGACCACCTCTGGTGGCGGCTCCATCATCATCCGATCCTCCATCGCCGGTCTT
CGCGGCTTCCCCAACCTCATCTCGTACAGCGCCAGCAAGTTCGCCCTGCGCGGCATCGCC
CTTACCGCCGCTGAAGAGCTTGGTCCGCTCAACATCCGCGTCAACACCATCCACACGAGC
ATCATCCAAACACAGGGCTACAAGGACGGCTGGAACAAGGAGAGGCTGGCAGAGCTCAAG
GAGGAGACTGCGCTCGACCGCTTCAGCACCCCAGATGACGTGGCCAGCGTCGTTGCATTC
CTCGTCAGCGAAGACAGCAAGTTCATGACTGGTGGACATTTGAAGATTGACGGCGGCTGC
GTCGCTGTTTAGACGTTTTATTTAGCCTTGCTTGTTATACTGCGATGATCGATATTTGCA
TTGATGGAGTTTGGGACGCCCGCTTTTCTTCCGAAGCAGAGGCTGCATGCTTTGCACACG
CTATCATCATGGATTGGAGGTATAGAGGCACATTATTAGACGGATAGAAATGATTCACCA

GGCGGACATCTGTCCCCACCCACTCCATTTGCTTGTACACACTTCCTCATGTCCCTCTGC
TTGGGCATACTTTGCCATGACAGCGCGTGACGTCACTGCACTGTCATGCTCCCCCTCATC
TGGAGACCCATTGACGCAACATGCACCAACAGACAACACAATCCTGCGTCTCCACTAAGG
TACACTAAATAGTCGACAAATAGCTCACACCTAAGCTTCACAAGACTGCCCTGGTGCGGG
ATGCGCCATTAGGCCCTGCACTACCTTGTTTCCGAAAATATCCGGTAAAGCTGTCATGAT
GTGACGTGCATTATGCTCCAGTAAGCGTCTGTCACCACTCGAATAGCTCTGTCTGTACTC
CCGTCACTCATTCTCACCTGACGGGTTCCATCACTTCAATCCTAAGGGCAACCCGAATCC
CACCACATCACCATGTCCGAGCCCACAGCAACCCAACACCATCCCAAATTTCAAAACCAC
AAACCAGAACAAGATGCCGTTGACTATGAGATGCAAACATACACACGCGGGTTAGACTTT
GAACGCCCACCACTCACATTCCAGGCCGATAGATGGGAAGAATTGGCTTGTAGCCGCATG
TCAGCCGACTCCAAAGGCTACGTCTACGGATCGGCTGGAGTACGAGAAACAACAGACAAA
AACCGCAATGCCTTCAGGAAATGGTCTATTGTGCCAAACCGCCTGGTAAAGTACACTGGT
TTCCCCGACCTGACGACCGAAATCTTCGGCGAGAAAATGGTGGCGCCCATAGCCATGGCG
CCAGTCGGCGTACTGAAGATCTTCAACCCCCAAGGCGAAGTCGCCGCCGCAAAAGCCGCA
GCCAAAGAGGCTATCCCATACATCCTAAGTACAGCGAGTAGCACGAGTATAGAGGATACC
GCCGCAGCCAACGGCTCCGATGGCCAACGCTGGTACCAACTTTACTGGCCCTCACGCGAA
CACGACGACATTACTATATCTCTACTCCAGCGCGCAAAGAAATCCGGTTTCACAGCTCTG
TTCGTAACGCTAGATACATATATCCTTGGCTGGCGGCCCGAAGATATGGATAATGGATAC
AACCCCTTTATGCGCGCAGATCGCACAGGCGTGGAGCTCGGTATGACAGATCCTGTGTTC
CGGAAACAGTTCAAGGAGAGGCATGACGTGGATGTGGACAGTAAAATGGACACTGCGGCG
CCAGAATGGATGAGGACAATCTTCCCCGGGGAGAGCCATAGTTGGGAGGATGTGGAGTTT
TTGAAGAGGCACTGGGATGGGCCAATCGTGCTCAAGGGCATTCAGAGCTTGGCCGATGCG
AGAAAAGCGGTTGAGATTGGTGTGCAGGGCGTTGTTGTGAGTAATCACGGCGGGAGGCAG
CTTGATGGCGGGAATTCCTCGTTGGGCGTGTTGCCACATATCGTTGATGCTGTTGGGGAC
AAGTTGACAATCTTCTTTGACAGTGGGATTCAATCTGGTGCTGACATTGCGAAAGCAATG
GCGCTGGGCGCTGACTGTGTGCTAGTTGGTAGACCATACGTGTATGGTCTGGCACTCGGA
GGAGAAAAGGGCGTGGAGCATGTACTCAAGAGTTTGGTGGGTGAGCTGGAGCTGACCTTG
CATTTAAGCGGTATCCAGAGTGTGCAAAAGAAGGACCTGAGTCGAAGTGTATTAGTCAGG
GAGGACGCGCTTTTTGAGGGAGTGAAGGGAGTGGGGCTGCATTAGATGCCTCATAGTCAG
GAGAGCGTCTACATCTCTATCAGGCAGCTTTTCTGGGCTGTGAAACTCGAGGCCGCTCTC
GATTGGGCACTTTTCACCTTCACCTTCATCTTGGCTAGAACTCAAGTATTAACGCTTCAC
CCTGGCTTTAGTCATCTCCTAGCAAGCCACTATCACATTTCACTTCCACTTTCAAAGCTA
CCCACTCGATATGTGACCCACGATCAACTGTTAGTCACCTAGAGATGAAGAACTGGCGCA
CGTATATCTTGCATCTCTGTGCCTTAGTCTGTTTCGCACCAACTTCAACCTTGCTCTACG
AACTACTAGCAGCACTGTCCAATGAGACCAAGCCGCGATCGAGTCAACATGACCGAGCTC
GAACGACAAGTCGCGTTGCTGAAGTCCCGTGGCCTGATGGTACCGACCACAGATCCAAGA
ACGAGCAAGCGGCCCGCAGAGGAATCGTCCCCAGAACCCTCATCCAAAAAGACAAAGCAC
ACCACTGAAATTGCTTCTGTGAGTACATACAATAAATGGACAGCGACGTGTATACCCAAG
TTTGGAGTGGTCATTAACCTCCGCTAGAAACGCCAACTTCATGCACACTCTATCCTCCAG
CGTGAATTTCTCCATCAAAAGGCCGAACTTCAAAGAACGAAACAAGAGCTGGCAGCCGAG
AAAGCCAAATCAGCCTACAGCAGCAACCAGATCAAGTTGCTCTGTGTTCAATGCTGCAGA
TTGACCGACCGTTACCACGCCGCTCTCGCCTCCCACGCTTCTCTTCAAGCCACATATCGC
GACCAAACCTCCGAGCTCCGTGCCCACAAAGGTGCCCTTGACATTGCCAACGAAGAGCTA
GAGGAGTCTCGCAAGGACGCTGATACCTATCGCGAGGCGATATTGAAGCGAGACGAAGAT
TACGAGCTTGCGAAGAAGCAACTGGAAGAAGCGAAGGACGACGAGGTGTTGGAATGGAGG
GTGTTGACGAGCAGGTTGCAATCGCTTGGGAAGGGCCATGAGACGGGTCGCGCGGTCTAC
GACATGCTTTTACTGCAAGTTGAGAGACAGTGTGACGAGGACAAGGTTGTGTTGGAGAGT
GTGAAGGAGGCTTTGAAGGACGCGTTTGGCGGATTCTTTGAGAGAGAGTAGGTTGACGGG
AAGTACGCCTGAAGGACCTGCGTTGGATATCGAGCGGATGTACGCCTTGCTGATTAAAGT
TGCTGGTGATTTGGATATTCGACATGTGGTGACGATTAGAGTTGCATCCCGCTTTTCTTG
TGGTTCGGTCTAACAGTGGTGGTCATCATGCCTACGGGAATGACTCTTTAACTCAACTAG
ATCCGCATAGGGACCTGTTCTTTTCTCCACTGAGAGGTGAATACTATGTCATTTCGCTGT
CGTGGAACGATCTGAGCAATACAAAGCTCAATACTACGCGCATATAAGGGTATATCATCG
CCAACCAAATTTTGCAGGTCTCCCGGTGCCGTCCAAATACATATTTTGAGCCGTCCATAC
CATATCATATCCTCAGATCAAGTCTCATACCCGCATCATCATGCGCACGGTAGGAATAAA
GTCTTGACTGTCCTTCTCTTGCTGTTCGAAACTCTGTTTGAAGGCTGCCAACCCCGCGAG
GATTCCGCAAACCATAAAAATCAACGAGACAAGTGACCAGATGACGCCCCAGCATTGCGA
TGAACCGCCGTACCGCTTGGCGAAGACGCTGGCATCGGAAGAATTAACCTTGCGGAGGAT
GAGGTCGTCACAGATGTCCCACACGCTGTATAGAGAAGACATGACGCCGATAAAGAGCTG
GAAAGTTTTTAGTTCGACGGTTTTCGAAGGGACGAGAAGGGGTACTCACGACCATGAACC
TTAACGCTTCGCCATGTTCGATGAACCAGGACGCCACAAGCAACCCTACACTGAGCAGAA
TGGTCACAATCGTCAACCAGTCTTTTCTCGCCCACCACAATGTCAGTAGGAAACATACGC
CTAGCACGATACTCGCTACTTTGGAGGCCACGATGTTGAAACCGCAGAACGTAAGTAAAG
CGCCGATCAATGAAGACCCCAAGTAGCCAGCAGGGAGAGTAATGAATTGCTTGCCGCCGC
GCATGTGTGTCACACCTCCCTCATGAGGATCAAGAGAGATTGATTCTACTCGCCCACCAG
TACAACAAGACGTTATTGCATGGGAGAATTCGTGGAAGGCAATGACTAGCATCTGTGGAT
TCAATCAGCCATCCATGTCTCCTGTTATGCTGATTTTGCAAGCTCAAGGAACCCGGTCAT
CAACCACACTGATGATCTCAATTCCAGACCATCTTCTCCTAGGGCTACTACGGTGCACAT

ACCTTGAACGGCCACAACACCCATCGCACATACGGTAAATTCCACAACAACGCAATAACA
ACAACATATGCAGCAATAACACCTAGCGTAACTCCTTGAGTATGATTTACACTCAATCCG
CGGCGCTCGAAGTGATGCGAGGCCTGCGAAGCGACAGCCGGCCCCGCTGTGACCAGGGCC
CGACGCGCTAATTTGGCGAGGTTGCTGGTGTTGTGAAGTGGTACTGCTGGCGGCATAGCT
CCGTATTCGTATCTTCCGGTATTTCAGTGTTCGTAGTTGGGCAGAAAAGAATCCTAGATA
ATGAGCGGCAGAAGTGTAAAACGAGCGAGGACACTGTATCTTGTTGTTTGAAAGCGGAGA
GTGGCTGGAGAGAAGACGTGGAGCTGACGCGTTGCCGCTTGTGTTTGTGACATGCGCCAC
GCTAAAATTAGCAGGGGTGGCTGTGCCGGCACCTTTCCGGAATGCAAAAGAGCTTCTCAC
ATCACAGAGGCAGCGAATTGTTAATGTGTTGGAATTGAATAAAGTCTAAATTATGTACGC
CTCTTGGCGGTATGTAGCGCAGTGCTAGAATGGAGGAGCCGCTAGAAGACAGCGGCAGTG
CGAGAACATCTCTAACCTGGACTGCCTAAGTAAAGATATCCTGTATTTGACCATGGGAGT
ATATTTAAACCCTCTCGTGGTGCGTTGACATGCCCCTCTCAGGCGAAGTATCAACATCTT
TGTCGCCGACCTTCTCCGATGCAGCAGCACCAGTAGCACCAACAGCACTGTGACGACGCT
CCCAATAAGTGTCGTCACGTTCGTTACGGCTGATGTATCCAGCTGGGACCCACTTCTTAC
TGGTCCTAGCCGATATGCTTGGGTCCGAGTACATGATATCGACATTCTCCAAAGACAATG
ATTTGGTCTCGAATACGAAGAAGTAAACGATACCCGCCGCAACGAAGTTGCATGCGAAGA
AGACGAAACCGAAGGCGTAGCCGATACCGTCGTCAGCGTACGGTGTAAGGAAACCGATCA
AGAAATTGCCTAACATGGAGCGTTAGTGAATAGATTTGATGTGTTGAAGATGTATAGCTT
ACCGAGCCAGTTGAAAGCAGTAGCCAAAGAGGCCTGCTTCGCGCGAGTGCGGAGTGGGAA
CGTCTCTCCAATGATAACCCAAATGAAAGGCCCCCAGGTAGAGGCGAAACTTGCGATGAA
CATGCAAGCAGCGACAATCATAACAATACCAGCGGCCGGGTTGTCCTGTGGCGGTAGCAC
GACACCGATGATAGCAAAAATCAGCAGCCAGACAGCTTGCCACAGACCACCAACGACGAG
AGGCACACGACGACCAACTCGCTCAATGAGCCATAATCCAGGAATGGTCATGACTACATT
GACAGCGCCAAGAATGAGTTGAACCTGGAGAGGGTCGTCAATACCTGCCGATTGGAAGAT
GGTCGCTCCGTAGTAGAAAAAGTAGTTGACACCGGTCCACTGCTGGAAAAATTGCAGAGC
ACATCCGAGAAGGGTTCGGTAAGCAAGAAGCGGAATGCCGGATGGCTGGCCAGTGAAGCA
TTCCATCCAGGTACCTTGTCCAGCGCTCTGTTGTTCGTTGATGGAATCCTCCATCTCCTT
GAAGTCCGAGTTGACCAGCTCGTGGTTGGGGTCATGCACAAGGCCTCGGAGACGGGCCAT
TGACATGCGTGCCTCTTCCCATCGTCCTTTACCCGCCAACCACCTTGGAGACTCCGGTGT
GAAAAGTACACCGACACCAAGAGGAATGGAAAAGCCGATTCCCAAGCCGATAACGATCCT
CCAGGCAGCATCGCTATCCTCGCCTGGGTTGTCGCGGACTCCGTAGTTGATGATGTTGGA
GATGAGAATTCCGACAGTGATCATGAGTTGGTAAGATGCGACGACGGCACCACGAATCTC
TCGAGGGCATACTTCAGATTGGTACATTGGTACGCCAATAGACAGGATACCGACACCAAG
ACCTGCGACAATGCGACCAACTGTCATGTGTACCCAAGTGGTCATCGCGGTGACCTGGAT
GATGTTGCCAATAACGAATATGGCCACACCAACGGTCAGATTGCGTCGACGACCGAACCA
ATCAGCAGTGTAGGCACCAGCAAGTGCGCCGATGAGGGTACCGATGGACATGAGGGAAAC
GAGCAAGGATTGAATCGTGGGGTTGAAAGCCTTCTCGCCATTGCCCTGGTCCTGTCCGAA
TCGCTGAATGAAATCCTCAAAGATGAGCATCCCAGAAATTTGACCCTATCTTGAATAAGC
CGTTGGACGATTGGAAACAGAGCATGTATGGTACATACCGTGTCATAACCAAACAGGAAA
CCACCTATCGAAGTAATCACTCCAAGTATGATGGCTTCAATGCCGCACTCGGCGCCGCGT
ATCTTGACAGCACTGTAAAAGTTAGCACAACTGTATGCGTACTTCAACCGGATCAAAACC
TACACTTTGCCCAAACCCATGATTGTAAGACGACTTGACCACGGGAAGATTGATGTTCAA
GGCAAGATGGGGTTACTCGTCCGGTACACATCCATTCTTAAGTATCAATGCCAATTCCAA
TCCCGTGTCCCGTTATGCGGTAATGCCCAGCATCGCGCCGAGCTTTCGACTCCGGGGCTT
CTACGTCATACGCGCCACGCCGTCACACGAAATTGCGCGCGAGCGGCCTTACAAGCTTGG
CTTGTCCTCCTCCACAGCCAAACAGAAGTCATCCGGGGGGTCTGAAACTGCAGTAGTGGG
CTTGTCAATGCGACGCAGCCGCTGGGGGACAAGGGGCGTGTATGTGGGGAAGCTGGTCGC
GATTCGACGGCCAAGCCAAATCCGCCCGACGTTCCGGGAAGTCCCCCCAAAGAGATACAC
AGCCTAGAGTTCACATGGATCGGATCATGTTCTTGCATGCTCATCTGACGGTAGGCGTTG
TACAGGACGTTCTGCTAATGCGATTTGAACGCCTCTGACACCCACCCCGCATTCAGATGC
ATGGCATACAACGACGAGCCTCAGGGACCGTTGTGCCGCACAGCCGATCCCCAGGAACCT
ACTGATAGTCGCGTGACTTGTGGATGTCGACTCAACGACGCGTATTCCTCGGCCGGGCCC
ATGTCGGTGAAGATACTTCACTTCAAGATGCGACAGATTCTCTCGGCAGTGGGGATGATG
GAGATGTGTACGACCCCATCCAGGTCTGTGCAACCCTCAACACCAGTCTCTCTCCGACCA
TCCCTCCGACTCTTTAAACAAATGCCGCGTGAACCGGCATAAGCTTTGTCGCAGCGCTTG
TTTTGATTCGCAATCTCCGATCGCTTGCAGTCTTCCTCCGGTCAGGTATAGCGAGGGACC
CGTTTTGGATGCAACGTAAGCCAGGTTGCGGCGACAGATTGGTTCGGATTGGTGCAGGAG
GCCCACATGAGGCTCAAGGAAGCCACTAAGAACATTCCATTGACTTGGCATGTCCGACCC
GCAGCGGACGAGAAAGTGAGGCCGTAATCTCGGTAGTTCCCACATCGCGGAGTGGGTGTG
AAAACTTTGAGGGGAGCTTGCGTGTGGTGAGGAGAAGAAAGGGTTGCGGAGGCTGCGGAG
ACTGGAGAAAACTTCTCACTAAGTAGTAAGCACTGGGGACGAAAGCTGGAGACGAAAGCT
GGAGATGGAACAACGAAACCAACATTGCAGCAACTTCTCGCACGACAGCGACCTCCGGCT
GGATTTATAGCTGACACAGTCCAACGTCAAAATTGCTTCAGACCTGACTCTCGCAGTTTT
CCGCTCCATACAGTTTAGCGCACCCGAGAGGTCGCCAGCTTCTGGTGCGGAAGGGAGTAT
AGACTGCATCGAGAACGCGGCGAGACGATACGGCTTGATGCAGTCTTCGTATCCTTTACT
GCGCCAATATCCCTGCGCCAATGCCTGGCTGCGTGAGAGACATTCATGCCAACTGCGAGA
CGCGACGGGCTCCGCTAGGTCACGTGCGACCGTTTCTTGGTGCTCCAAGGCTGGGCGCCA
TCAGTAGCGCTAGGGCGTGGTCGTGATGTCATGACATCGCGACGCTGAAGAGCGGATTGA

GCATATCGAACTGGGAAACGTCGACAGCATATTCTGCAAAAAGACCCTGGACAATACTCA
TTTCGAACTACCTATCACGATTCCTAAACACATAGCAAGATGGTCAAGGACAATGAAACC
GTAATTGAGTGAGTAGCTTGTGTGAACTGAGGCGAGGCCAAGTGCTTACGGCGCCCCAAG
GGAATTCAACGAGCTTGTCAACATGTCAGCAGACGAGCTACAAGACTGGCTCGGCAGCGA
AGAGTCCGAGGGAGCCGGCTGGTAAACCCTCCTTCTAATGCAATGCTGACATTGCGAATT
GCATGGCATACACAGTCTCTAAGGCGCCTACAGGTCCAAGGATAACGGCTCCGGCGAAAC
AATCGGTCATGATTCAGGCCGTAAAATTGTTGCCATCTTGCAGAAGAATCCAAAGAAAGA
AGCTAGTAAATACGACCAGGAAGACATCGATCACATGCGCAAGGTAGTAGCATATTGCAA
GAGGCATCTTGCGCAAGAAGAGAAGGCGAAGAAAGACACCGATAGTAAGAGCTATAAGAG
TTTGAAGAACTGGGGTCACGATGCGCAGAAGGCTTGAGCACAAGGTTCCTTGAAGAAGAT
GTTAGGTAGATGAGTGAAGATTTGAAAAGACGATATAAATGATCATGTATCGAGGCCGTA
CGGCATGCACGTCACCATAATTTCAATAACACACTTCACTATATGACACCATCGAAAGCG
AAGAGCACCGGCTTCAAGACGTCCAGATTAAAAGCGGGGTAAATTGGAAGCAGTATTCAG
GAACTATCTAGGTAGAAGCGGCGCATAGGACTAGTGTCTTGGTCTACATGACAGTCGACT
TCTTGCGGCCAGCAAAGTAATTTCCCTACTGAAAATTAGTTCCGCCTTCTCGGTATTCAC
GATCAGAGAAAGCTTACCTGCATACCACCATCACACGCAGGCTGCTCCATTTCGTCTGTC
TTTGTCCTCTCAGGTGGGTTTCTGCGCTTGAAACACTCGCCTACATGGTGGCCTTCATCA
CAAGCGACAACCCATTGACCCATACCCATGTCCTTGGGTGCGTGCCTGACACCTCTCCCA
CCACCACCTACTATCAGATTGCCAGGACGGTAGGTTGGGTCTGCGCGCATACGCTTAATC
ACGCTGCTGTGGATAACGGCATCGGCGGGTATATCACGGGTCTCGCCTTTAGGCAAAGGC
CATCTGATTGCTTTCCAGGTTCCGTCTTCTTGTAGATCCATACGTCGAAAGGGTAGATAC
TCCATTATGTTCCACGAGACGACGCCCATACGGTTGGCGCCATTATTGAACTGGAGAACA
TCATGGATACGGCCTTTAGTTGCGGCGCTGTGGAGGTGTTTATGGAAGTGTGTGTTCGGG
TGTTCACGGTGATGAGAAAGTATGTTGTCGTCGTCAGTGTAGCCTGCTGTATCCATGGAC
GGCGCATCCGAATTCTTGCGTGGAATGACTGGTGAAGGTGATGCAGGATCAATCGCAATC
ATCGGTATGTTGTTTTGGGCTCGCGAAACGGTAGTTGTAGGTTCCTCATGGCAACAGCTC
AGGGCCTCCAACTTGTCTTCGTCGAAGTCGAGACCAGCTTTTTGAGCCTCGCGCACCATC
CACACCAGCGCTACGTGACTCAAGGCTGCATCATCGTCACCGAGAGGCCATCCTCCGCCA
ATGTCCTACGCATTGTCAGTTTTGAAGGTCTATCCCAGGTAAAATGCACTCACTGCATGA
CACCCTGGAAACCAGACTTCTTGAATGTCTTGTTCGCCATCCTCGTCTTGAGAGTTGAAA
GTTCCTGCTGCGTCGTACGATCGCATTGAAGGAGTAGCAGAGCCATGAACACCATCCAGT
TGTGAGCGGTCTGCGCTACGGCTGCGCACGCCTGAAGTCTCATGTGGATCTCTGAATCGC
TCAGGCGGTGCTAAGGTGTCCCGCCGACCTCTATCTTGGTGTTCCTCGTGATCCTTTTCG
TCGTAATCATGATCCTCATGATCACTGTGGATCATATCCTTCATTTGCTGCCGATGCTTG
TGATGACGGTGTTTGTAAAGCATTGATCTGTCTGGCTTCTCCTGGGAGATGAGATCTTGT
CTGAACTTTGCACGCCGTTCATCGATAGAGACCGCATGACGTATTACGTTCGCACTGCTT
CTTGCAGTATACGGGAACCTGCTGCGTTGCATCCATGCATTCTCGAATGCAGGCACGCTG
TTGACTGTATCAAAAAGACCAAGGAAGCGTATGGGTTTTACAGGGCGGCTGAATGTCTCC
CTGAATGCGCACATGAATTCGAGAAGTTTTAGCTTTTCTGATTTTTCGCCGGACTTGCGG
CTTTTGCTACCCTTCTCTTCCGGCAATCGACATTGCCACTTCTGAAATGTTCTGACCGAA
AGTGTAAGTGAGGGTTTTACAATGACTTCAGGCTGTACTTACTTCCATGCGAACTGGCAC
ATCTCTTCATTTCCAGCCTGTTGCATGTTAGAAACTTCTTGATATATGGTGAACAAGCGC
TTACAGAGAGAAGGCCAACGTGATCGAGCATCTCCGCAAGGAAACGAGCTGTGTAGGCAC
CTCGTGAAAATCCAAAGAAGAATATGTCATCGCCAGGCGTATAGTATCTCATCAGGAACT
GTCCAAAGCGTGTCAGTGCTATGCGCCATGGTTGCTCCTTCAAGCGAGCAACCGGAACTG
CTGCTCTGTTTCATGCAGTTAATTACTAACCTTATATCCTGCCATAACGTGCTGGTCGAA
TGAAGTTCCTATACTAGATTAGGTCTCATGCTTGGCAGCCAAGTCCGATCGAACATACCT
ATCGCGCTGTCTTTTGCCTTCGCATACCACGACTGAAACCTCTCCCATCGGCCTGTTCGG
GTCATAGATCCATTGGCTTTCGTAACGTAGGTGCCGATTCCGGGCTGATAGTAATGAAAT
TGATCGTCCCCATTGCGATCGAGCATGCGATAAATCTTCAGGATGTTGCTATCCGAATCT
GTACCCGAGAACTTATTACCTGTACCATCAAAGCACAGGACAAATTTCTTGGTCACATGA
TTCGGACGTCGCGATACTGCTCCGTAATCCATAGGGTTGTTGTTAGGTGTTTGTGCGGGA
AGCTGGGGTGAAACGCTAGGGAGGCGTGACTGCTCTGGGTTTATACGCGCCATACTGACA
ACGTGGAACTCGAGCAGGAAGGGGATTCTGAGAGGGTAGCAACTTCGTAGTTAGAACGAA
GCAGTTGCGAAGCATTAGGTAGCCAAGTGATTTCTATCATCGCGGGGATCGGATGCAGTG
GCCTAACACAACTGACGCATGCTCCCCTCCGGCCTGTTCCCAAAGCTTCCGAACGTATCA
AGTCACGTTAAGATATTGATCGCCATTGCTAATGCAGCTTGCAAAGACACTCGCCTATCG
ACATGTCGATGTCGCGTGTGGTGGGTTCGGAGTAGTCCCGCCGCTAATCAGGAGCCGCTG
ATCTTTTCGAAGTGCCGTCCGCCCTACAGAGGTCATTGATTTTGGAATGGCTGATACGAA
CTAGCTACCATACACTGTTCCACGCCCCCACTTCAAGTATCTATGTAGATGATGTGGAAG
CAACACATATGTTACAGCGTTGGCTGACAGGAGACACGACAGATGCACCGCATGCTGCCC
CGTCTTCTACCGTAGTTGATCGTGAAAAGAAATCTAGATAACCCTTTCACCGCAATTGAG
CCAATGTCGTTTTCCGGCCACCATCCTGGCTGAAGGTAACCGATGCACGCGATGATACGC
GTTCCGACAGAGAAGCCCCGCAAGCTAATGCTGAGTGCGGTGCAGGGAATCACAATCGTG
TCAACTTCTATTGGTTTCATAAGCGTGCGCGTTCAACACAGCTGTGCCGATCAGAGGATA
GTTGCTGGTGTAGGTCTGCTCGCCGACATATGAGCTGGAAAAGCACGTCGCGTCGTTTAG
AGGTGGTTGGCGCTACCTTGCTAGCGATCACTTGTGGGTCATGGTCCGTGCAGAGCCGTC
TCGATTCCCGTCTTCTCGACTATCGATCGCACCTCCCACTCATCGCAACCACCACCGGCG

TCTTGGATGAACCGAACAGTAAACCTTACGGCTTCGGGACAGGCCGTAGGCCACAGACTG
CGGATGCTAGTACTTAGCTCGATACCGCACCCTGCTCGGAGATTTGCAAGCTCGCGCTCC
AGTTGTTGACCGCCACCGCATCAGCTGAAACTCCATTTCGTTTGTTCACTCGCTAGCAGA
TGAATGCGCGACCAGCCGCCGGGAAATAGGATCGGTCAATTCCGGGCCCGCAAGCGCTAG
GGGTTTCTTCTACTACTCAGCCGAAGGCTGCTCAATCAGGATGCCGATCGCTTGAAAGTT
CATCTATGGCTTTCGTCTACGTCTCTGTTTGGAATGGTCGCAAGATCAGGTCGCCGCTTC
TGTCTATCACGTCGTCGACCGCCACCTGCGCAAAAGTGCACATCCAGTCTGGCATCAGAT
TACCAAAATCATACCACAACGGGTCCCCAGACAATCACTGGGTGCTGAAGCCTGAAACGT
GGCAGGTGTACCCGTGCGGCATACACATTTCTTTTGAGCATGCTTCGTGATGTTACAAAA
ACCATTCATGGATCATCACAGGTGGGCCTCTCTAGTTCCATCCCCAATGGGGCCAATGGT
GCTGCTACGCTGTGGGTCCTATCGACGCTGCCCACAGATCGTCTCTTGGACTTACTCAAC
ACCCCTCTGTCAGTTCCCAGTGAAGGTAGCGCAGCATCCGTCTAGTGCTACCCTCCACGA
AGTAGCTCATGACCAATCAACACTCACATAATTGCAGCTATCAAAGCTTTGACAATATCA
AGATCAAGACGCTACTCTTTCCGCCCTGGTGCATGCATGGGTTCACCCGCCCTCACTGGA
AGCCGTAGGACATTGTTCGCCAAGTGCATATGCTGATCAACACACCGAAGCTGCTAGCGA
TCGTCGTCATGGGACTGGCTCGTCGCTGCTTGCCATGGCCAAGCTCTCGTGTGGGGAGCA
TTGCGCCTTCCAAGATCAACAGCAAGCTGCATTGAACTTACTTTCTGACTTCCCTACCGT
CGTGGGATTCATATTCTGCCCATTCCCTTCCTTTCCACATGGTTATTCGCACAACTATTC
ATCATGCCTAGTCAGATACAAACATTGATCGGAAAGATCAGGAGAAAGCCTACGCAAGCA
AGCGATGGCAGAACGGCGGAAGCCGCGAGCGGGCTGAAGAACCACCAGAAGACTGGCATT
GTCAGCGACATTAGAGGTCTCGGTGTTAAGGATGCCAAATTCGCTCTCGACGCTATTACA
ACATTGGCATCAGGCGAGCCTTTGGACGATAAAGATCTTCTTCTCGAGAAGGGAGTCCAG
ATGCTACAGGGACTGCCTCTGAACAGCGGTCTCAGCGCAAAAGTCTCAGACGGTTTTATT
AGCATGCTCTGGAATGACTTGCCCCACCCAACGCCTACACATGCTGGACCTTCAGCAAGA
TACCGGAAGCACGACGGCTCGGGAAACAATCCTCACAACCCTGAAATGGGTAAGGCAGGA
TCGCCGTATGCGCGCAACGTGCCTCCGACTAAACCGAAAGGTAAGTAATCCTCCTGTACG
ACAGACTTGCGAATTGGGACTGACAACTACTTGTAGGACCAAACTTGCCCGACGTTGAAG
ACGTGTATGAGGCGCTCCTCAAGCGCGATAGGCCTTTCCGCGAGCATCCTTCTGGCCTCA
ATCGCCTGTTCTTCTCTTTCGCAACTATCGTCATTCACGAATGTTTCCAAACCTCTAGGA
CAGACCCTTGGATCAACGAGACTTCGAGCTATGTTGACCTCAGCACCTTGTACGGCAACA
CAGAGAAAGAGCAGCCGCGCGTGCGAACATACAAGAATGGCCTGATATATCCAGACTCTA
TCGCCTCGGAGCGCATCATGATGATGCCTCCTGGTGTAGTCGCTGTACTTTTGATGTTCT
CGAGGAACCACAACCATGTTGCGGAATCATTACTGTCAGTGAACGAGGACGGCAAATATA
AGCCGTGGGATAGTTTAGACGAAGCGGGCAGAAAATGGTAAGTCTTAAACACCTTCCACC
CCCTAAATGGGTCTAACACGTTGTTAGGCAAGACGAGGACATCTTCCAGATTACTCGCAA
TATCAACGTTGGCTTCTTTGCTTCAGTCGTATTGAAAGACTACGTCGCTGCCATCTTGAA
CACCCCACGAGCCAACTCAGAATGGTCTCTCGATCTCGGTAAAGAGATCAAACAAGGTGG
TACACGTGTCGAGCGCGGAACTGGCAGTCATGTATCCGTGGAGTTCGCTGTTCTCTACCA
CTGGCATGCTGCTCTCAGTGCTGCCGACGAGAATTGGATGGAAGAGATCATCCGTTCCGT
TTTCCCCGACTTACGTCACATCGACGATGTAACAATCGAGATGTTCCACAAGGTTATGAA
GGTGTACGGTCACGACTTGATGAACAAGAAGCCCTGGGAATGGACCTTCGGAGGCCTTCA
GCGAGGAGCCGATGGCAGATTCAACGATGCTCAACTCTCAGAGCTGATCAAAGACTGCAT
CGAAGAACCTGCTCACGCTTTTGGTGCTCATGGTACACCAGCCAGTCTCAAGGTTGTCGA
TCTCATGGGTCAGTTACAAGCCCGTGAGATGTTCAATGTCTGCACACTCAACGAATTCCG
TCGGTATCTTAATCTGAAGCCGTACGAAACATTCGAGGATTGGTGCTCTGACAAAGAGAC
GGCGCGGGCAGCCGAGCTTTTGTATGGTCATATGGAGAATATGGAACTATACCCGGGATT
AATGGCTGAGTGCACGAAGCCCGCTATGCCAGGAAGTGGCGTTTGTCCCGGTCAAACAAC
TGGTCGAGGTATCTTGGACGATGCTGTTGCATTAGTTCGTGGTGACCGTTTCCTGAGCTA
CGACTTCAACAGTAACACTCTTACGCAGTGGGGTGCGGCTCTGCTGTCAGAGAGTACACC
AGGAGCATATGGCGGCGTATTTCCCAAGCTGCTCTTCCAGGGTCTCCCAGGTGGATTTAA
AGGAACTTCAAGCTACGCGCTGCTGCCCTTCTACACACCCAAAGCAGCCAAAGAGATTCT
TACAGGCAATAAGGTGGTTGAACAGTATGACCTCAGACGCCCTCCGAGCGATTACGACAT
CATCAGTGTCCAGACGCAAGAAGGTTGCAAGAAAGTGTTCAATGATCGTGAGAGCTTTGT
TGTCATGTACCAGGCAGCTATTCGCAACTGCACGGCTGGACATGACTTCATGATCGGATG
GGACGAGCAAAAGAAGCATGACGAGCGGTCCAAAATCCTGCATAAGGTCTTCTTCGAGGA
GGGTTTTGAGAAGAACATCGATGAGTTCTTCACGACCAACGTACGGAAACTCATCAAGCA
GAACTCACTTAAAGGCGCCAAGGGTAGAATGAGTATCGACATTGTTCGCGATGTTACCAA
CATCACGCCAATCCTCTGGCTTGCAGAGCGTTTTGCACTTCCGCTGAAGACACAAGAGCA
ACCTAGAGGGTTACTCTCTATCCACGAAGCGTTTCTCGCATATCTTGTTCTATGTAAGTT
ACAACACCAGCCATTTCAGATTACGAACAGCCTGCTAATCAACTGATAGTCATGTACCAA
TCCTTCAACATCATGCCACACAATGAGTGGAAACTGCGAGCAGGCGCGATGCAAGCCGCA
GCACCACTTCGCTCGATCTTCGAAACCCATCTGAAGACACAGACAGGGCGTCTTGAAGGC
TTGGTAGATTGGATGGCCAAGGGCTCCGCCTTTGAAGTAGGTCCACACGCCGACCGCATC
TACCACGCCCTTGCCGACACCAAGCTGCCCATTGGCGACTTGGTAGGCGACTGTATCGGC
ATGGGAGCACCCGTGGCCGGAAACCTGACCCAGCAAGCTAGTTTGCTAATCGACCTGTTC
CTCTCGCCCGGGTACGAAAAGTACAAGGCGCGAATCGTGGAACTGTCGCACATGGATCAT
GCAGAATCGGACCGCGAATTACAAGGTTTCGTTTACGAGGGTATGCGCCATGTGGGCGTG
GTTCCTGGTCTCCCTCGCGTCGCAACCAGAGATATCACCGTTAACGACGGTGCCCGTGGC

CCCGTGTCCATCAAAAAGGGTCACACGATCCTCATTGCCACGTCCAAGTCTGCCATGGAC
CCGGTTGCGTTCCCCAACCCTGAGATCATGAATCCCCACCGCCCATCTGAAGAGTACATT
CTACTCGGCCACGGTCTACATTTCTGCTTTGGCGCGCGCCTTGTTGGCCCCTCTCTCGCT
GCCACGCTTCGTGAAGTGTTCAAACTGCCAAATGTACGTCGCGCGCCCGGTAAGCAAGGC
CGTTTTACCGTTACCGAGCATAAACTCGCGGGCATCACGATGCGGCATTATCTCGATTCT
AATTCAAAGGAGAGTCCCATTCCGACAAGTCTGCGTCTACATTACGATAGCGAGGATGTT
GTTACTAATGGACTGAATGGCCATGCCACCACGGGTGGGCTTACAAACGGACATACGAAT
GGGCTGGCTAATGGCCATGTGAACTATGCCTCTAATGGGCATGCAAACGCTGGTGGCGAT
AATGAGCATGGGAATGCTTATACTATTGCGCCTTAGGAAGGTCCAGGGCCGGATCCGCGT
CCGGGTCCAAGTCGTCCGTCGGTGTCGTCGTGGTCGCTGTCCTCGAGTTCAAGCGATCTG
CGAAGACGATCGGCTGGAGTGTTCTGTTGTAGGAGTGCAAGGGAGTAGGGTGTTGAAAAG
TGGGAGAGACAAGGTAGCATAAGAGACCAAGGAGGAGGGGAGTTCATACGTTAAATTGTT
CGCTAATCCTCATCATGATGATACCACTGGACGTTTAGTTTGGCTTTAGTCCTAGCGTAG
TAAAATTGATTTGCTGCATGCTTACCTAGCTGAACCTCCAGTCTTGCGTGATATATATTG
TGATCTAGGAGATAAGGGAATGATCGAAGTGAAGCATACTAGCAACACCATGTTTCGTGC
TCTCTGCTCCCGATCCTCGCCTTAACAGTATCTTGCCACCAGTCAACAGGGTATCAAACA
GCGCAATCAACGGATCAAGCATCACGTGCTTGATTGATGCCAACTCCAATTCTACTAGCC
CAGTACTCTTTGTTCGAGGTTGTCGATGTATATAAAACACTACAGCCACGAATGAAACCA
TAAGATACTATGGTCCGTTCTTTCTCTCTCATAAACGAGCTCCAGAAAGAATGTCATAAC
AAACAAAACACACCGGGTAAAACATTCTATTTTGCTGGTGAAAAATCCTCCGACAGCCAT
ACATGTCACACATAACGCCATGCTTCCCAATCCAACATATTGATACACGAAATCTCCTCG
TCCTGCAAAAAGAATAAGAAACCAAGACTGGAACAGCCCAAGAGACCCACATAATAATCT
ACGCCATCCTAGGCAAAGGTGGAAGGGTATTAGAATCCCACCTCCTCTCACCCTCCATAT
CAACATCGTCATCGCTATCCTCAGCACTCTCATCCTCTAACGCCTCCCTCCTCTCCATCT
CATCCACATCCATCAAGTCGCCATCCTCGTCCTCGTCATCCTCATCTTCACTGCCGATAA
CAGGTCGCCCTTCATTGACGTCTGGTAGCCCACTGCCCCTCTCCCCCCTTGAGCCTCCTT
CTAGACCCACTCTTTCCACCTCCTTCCCAGCGATCTAGACGACGCAGCGCCCTACTAAGC
ATCTTGGCGCGGTAGTAAGATTCCTCGCCGTGGTCGTTGACTTCGCCGCCAAAATCCAAG
GGAACGAGACCAGAGGGCATGGGCGGCGGGGTCTTGGTACCGAGTTCGTAGTCGGAGAGT
TGGGCGTATTGCGCATGCGATTCTTCGTCTGTATCGTAGCCATCTGCCATGCCTTTGCAG
CGGATCCAGCTGCGTATGAAGGGGTTGGCTTTGCGACGGCGTTTTGCGGCGGCGGCGTAT
TCGATGCGAATTCCGCGGTCGAGGATGACGTCTACGCGCCGTCGTCGGTATTGCTCGACG
GCGAGTTGGTGTTGTGTGAGGGGACGGGTTCGTTTGTGCGACGGATCGGAGCCGTTGAGT
GGGAGGTAGAAGCCGTGTGGGCCGTTGAAGGTGGGCGCAGATGTAGAGGGGGACTGGCCG
TCTTGCGAGGTTGGTGCGTCGAGTTTGGTCTTGAAGCTTCGTGCTGCTGGTGTTCCTCCG
GCGCCTATCCCTGATGTGCGGTTGCGGGACCAGTTCCCGCGGCCAGGGCCCTTGGCTGCG
GGAGATGAGGCGGGGCCGTCTTCGTTAAGGAGGGTATTTATGCGCATGTTGGGCGTAGCC
ACCTTCTTCGCTGTATTGTAGACGCTGTTAGGGGGTGATGCTGAGCGGGTTCGGTCGGTG
TCTGAGGGGTAATCTCGTTCAATGATGGATTTGGCAAGCTTGCCACGTCCTCGTGCAGAG
CCTGTTGATGTTAGAAGAGTACCGCCTCAGGAGTCAAATCTATGGAACTTACCATGGGAT
GGCGACTGTCTGTCACGCCCAGGTGTCGAAGCACCGTCATCGGCGGCTATTGAGAAGACG
GGGTTTTGATTGAAGCCTTGAGAAATGTTAGAATTGGTCCGACATGGGGCAAAACGCATG
CCGGTTGGAGTGCTCACCCTTTTTGTTGGTCCGTTTGGGGCCTGTGACGACTGGCGCCAT
GTCGCTTGCCAATATAGCAGTCCTCTCTTTGCGCTTAATCTCACCAAATGTCTTCTCTTC
GACTGAATCGACGTTCTCCAGGGCCTCTTGCTCGGGCGAAAGTATCTCGAAAGGCGGACA
CTTGATGGGAAACTCGGCTGTAGTCGGGTCGTCGGCGGGTCCCATCTGGCCAGGGCCAAA
GGGATTTTTCTCGGCGGCTTCCTTGGTGAAGTCGCTCTCGAGATACCACCACATGAGCCA
TAGGAAGGCTGTGGCTCTACTCTTGCTGCTCAGGTTGGAGCGCATGACGAGGTCGAAGAA
ATCGCGAGGCGGGAAGAAGTGCAACTCCGAGATCTTGGGCGCGTATTGCGACAGGACAAA
GATGAGGTTGACGGGGTTGGTGCGCGGGATGGAAGCTGCCATGATCTCCTCGATGGTGCT
GGGCTGCTCTTGGTCCTCAGTTGCGCCCTTGAGGATGGACTTTAAGCGCGGCGCATCCTG
CAGCTGTTTGTAGGCGTTGGGGTCTTGGTGGGCTTGGAGGGAGGGGATGGAGTGGTAGGT
CCGTAGCTGGGCGCGCATCTCGGGGAAGACTGTGACGTGTTAGAGGAAAGGTGTCAAGAG
TCGCACATGTGGCCTACAGTTGAGGGTAGTGTTCATGCGGCCGACGTTGACGAGCAGACA
CACCATGGCCATGTTGATGGCAGCCGGGCGCTCGGTCAGAAGCTTGTCCTTGAGGATCTT
GCTGCACTTGCTGCTCTTGGCCATGGCATCGAGGTAGATGTCGGCAAAGGTGTGTCCGCT
GGTGCTGTCCGACTGCTTGGTGAAGACGCGCTTGTCGTCCTCGAAGACGAGCTTGAGGAA
GTCGAACTGGATGTCCTTGCGCCACAGGGGAATGCCATCGTCCTTCTTGAGGTGCTTGAT
CTTGTTCCCGCTGTAGACGGACGACACGCTCCCGTTGGCATTGCGGCGCGTCGTCGTCGT
CGTGGCCGTGTAGTAGGGCCGGGCAGGGTCGTTGTCGTTGGCTGGGCGCGAGGCATCTGG
CGCATCGCCGCCCGCTTCGCTCTCGTCGGGGACGGGCGTGTTTGCTTGGGATGCGTCGGG
CTTGGAGTCGTCCATTTGGGGGTCTGCGGCCAGAATGTGTCGTAGGCTGTTTCGAGAGTC
GGGCTCGTCGGCGCGCAGAGGCAGAGGCTTGTCGTCCATGACTGTGACGCGATCCGGGGA
TTAGCTCTGGGTGCTCTGTGTCTGGTTCCACTAGTCGTGCCTGTGCTGGTTGCGCTGTGG
GATGGGATTGGCCCTATGACGCCTGAGCTCGCGACCTGGCTTGCTATCCCTGTGCCGCCA
GACTTGTGTCTCAAACAAGCAAATACGTCAATCGCAAAGGAGGAAGATGCGGCCATGTCC
CGAATGCGCCTCGACGCCCAAGCTCAGCCGCTAGCCCCCCGAACCAACGCATGTCGCTCG
ACGCCATCCCATCACGAACCTCACACGTTTGCAGACAGACTTCATCGCGACGACACAAAC

ACCATGACTTCAAACGTCCTTGCAAGATTCAATTCGTTTTCCATCTGTAGTAGCTAGATA
CTCTACTTGCATAGCCAACCAGCCGCTCAGATGCCCAATACAAGAATCCTCATCTAGCAT
GTCCACGCCAAACATGTAACAAAAAAGTAACCAGGATATCTCGGCGAAGGTAGAAACCAA
AAACACATCGCAAAAAAGCGCCACGCTAAAGCCAAAGCCAAGCTGCCGCACAAACAATCC
GAAGAGGGCGATGGGGTATGCAACACAGAGAAAAAGCAGACACACAACTCCTCGCGAGTC
GTTTGTTTGCTTTCCCTGTTCATAAAAACGCCTGGTATCGCTGGGGAAAATATCTCCGTT
ACAAGACACGCGCAGGAAAAACAAAGGAAGAACCAAACCAAGCCCAAAGTAAAACCAAAG
ATCCAGTCCGTGGTCCTGAATTAAGAATCCAAAAATTAAACACAAATCTTGGTATACACA
TCCCTTCATGTATCGTTGTTCGTTGTTCGCCGGCCTAGTCCGAGTCCGAGGCTTGCTTCA
ACTCAGTCGAATGCCGTTTCTTCTCGTACCATTAGGGGGTTGGGCGTGTTGTTTTGCGAG
TACATTCGTGGATCGTATCGTCCATCTCCGCGTTGTTGCGCGTTCGGTCCACCCGAGCCT
TTGCGTTGGCCACCCATGCCCATGTTCATGAGGAGCATGCCACTCTCTCGTTTTCGTTGC
CGTTGTTCGCGCGCTCCACTCGACTGTACCACTCCATTCAAGCTACCGTAGCCCTCTCCA
GAATTGTAAGGTTGATCGTAGGCTGGGGTGTCGTAGCTGGGGCGCATCGGAATGAAGCCT
GAGTCGTAGCCACTATATTGACCCTGCTGTTGTTGGTTACTGTATTGCTGCTGTTGCTGT
TGCTGTTGCTGTTGCTGATATTGCTGTGGAGGTTGCGGAGGTGGATAGTTGGGAGCGCTG
TTTCCTTGGTAGCCTTGAGGCGGTCGATCCATACGCTGCTGGAACGTTGTCTCGTTGTAC
GCAGGCGTTGGGAGATCAGAAAACATCTGCCTCCTTGGGGATCGAATAGCATCGTCACCT
AAATGTGACGTGTTATTCCGAATCTCATGGATCGGAGAGCTGGCTTCGTCAAGAGCAGCA
CCAAAAATGTCGGTATAATCAGTAAGGAAGAAAGATATCAACGGAGCTGGGATGTTCAGA
GTTGGTGCAAACACTATGCCGACGTTTCGCACTGTCATCTTGTTCACTCCCGAGTTGTCC
ACAATCTCAATCAGGAACGATGCGAGGTGTCGCAACAGCTCGAAGTTGGGCCTAGGGAGT
TTGTGTACAAGAACGTTGAAGCTCTGAATCTTCTTGCTACGCTCGTCCATGTCTACGATG
TGTTAGCGAACTATCTATTTTCATCAATTTCAAGGCCAAATACTTACCGAGAACCTTGAG
GAAATCAAGATGCAGTTCCCGAGTTAGAACAGAGGCCGGTAGTTCCCGCAAGTACAACTT
CAGTAACGACGCAACAGCGTGAACATCGTAGTATTGCCCGTCCAGCAGCTTGATATCGCC
TTCGTTGTTGAATCGATCGCGTAGGCCCTTGATGACAATGTTCGACCCACTAAGCCTGAA
GATGCCTTCTTCGCTAATCGCCTTCTTTGCTCGGAGGTACTCCAAGCACCTGTAAACGAC
AGCTGGTATCGCCACATTGACTCCATCAGGCTGTGTGAACTCTACAGCTTCCATAAGTGG
GATGCCAAAAACACTGCGGCCCGGGGGTAGACGATGTTCCGTGGTTGACTGCAGTGGGGT
GCTGATTTGTACTGGCGCAAGATCGGAAGAACCGCCGCGACCTCTGAAGCCGAATATGCT
GCGTTTCTTATCCTTGACTGCCGTGGATCCCGCCATTAGCTTGCTGCCCCAGCTTTCAGA
GTCCTTGATTGGGGTTACATTGCTGGGTCCAGAGATGGCAGGATAGTGACCTGAGTTGTC
TTGGTGGAAGGATGATTCCTTGGGGGAGCCTCGTGAAGCCTTTTCCACCATCATGTCTCG
GTGGTTGGGACCGCGAACAGGCGCTTGAGCTTGAACGGCGTCATCATAGCTGAGGCCTTG
TAAGCGATCTTGCTCTGCCACATCAGGGCTGTCTCTCCGCTGCGAGCGCGTTGAGTCTTG
ACTGGCCTGTTGCTTTTGTAGACGTGTGGCAGAGGGGACGCGAATCTCGATTGGTGAAGT
TTCATCTGGTATGTCGACGTGCTGCAAAAGCGCCTCAACCCAAGCATCTCGCTCTTCATC
GTTCTCTGCACACAGCACATGGCGAACTAAGCTTGTCGAGTCTTTCCGCTTTGGTTCCAA
AATGAGGAAGGCATGTCGATATTGATTGTCCTCGGAGTCATCCTTTCGTTGTGGCGATTG
GTTTGACTGCTGTTGTGACTGTTTCCCAATTTGTGCATTCTGCAACTTGATCGTTCCCAG
ATGCGCACCACCTTCGCCCTCGAAGTACCTAAACTCTGAGCCGTCCAGAACGAAGAAACG
TGCCTTCCAGCCCCCGAAGTTCTTGCCACGCTTAGTAAGGTAACCGACCTTGCGCTGCGT
TCTCTGAACAGACACCGTTGGACCCGGTGTGGGCTCGGGGGCCAGTCTGTCACCAGCTTG
TGCGCCAATGACATCAGTGGAAAGATATTCGCACACAATCAAGGCTGTCTTTTCGTTCAT
AGGGGTTTCTAGAACAGTATCGAAATATTGGTTCAGCGCGACCCTTCGAGCATCAATCTT
GGCAGGAGCATGACCCCCGAAAAGACCACGATCTGGGAGTTGTCCCTGGAAATCGCACAT
GGACCTCAGCTGGGAGTCTAGAGAGGGTAGCGTGGCAATCGTTTTCTCCACACGCCATAG
CTGTTTGTTGTCTGAACGAGCGTAGACAGCGAGAATGAAGACAGGGTCCTCCTCCTGTGG
TTTAGGAGCTAGCATGCTCATACGTGACGGCCGAAGGCGGGACGAGAAGACCTTGACTTG
AATAGAAGGTAGTGCGTTGGGAGGGAGCAAGAGTCCAGGGTACTGATCAGAGACGAGTCC
ACGATAGACATGCTCTGCATCCGGAACATCGTTCAAGGTAGGGCTACTTGATGGCGATTC
TGGACTAGGTTGCGCACCTGGTACTGTCAAGAGGCCTGTAGACGACTCTTTGCGGAGCTG
ATTAGAATGTTGACTCTGGTTGACTGGAGGTGACTGGTAAGACTGAGGTGTGTTTGGCGG
GAGAGGAACTTGTTGCTGTACCGGCCGTCCAGCTGATTGACTGGTGGTAGTTGGCGACAT
GGGCGGTGATGCTATCGACTGCTTAGGGTTTCTTGGTAATGGTGACCCTAGTGGCCTATC
AGTAGGTCTGGGGCTGGAAGGAAGTCCTGGACTCATGAGTGGCGATGCAACACTCCGGTT
GGCCATCATAGAACTATCCGAGTTGGCAGGGCTGAGAAGAGCATTTAGAGAGTTGGCAGG
TGGGTGACGGGGAGAGAGTGGAAGGCCCGATTGCAGCGCATTGAACTGACGCGGCGAAAG
GGGAACCGGGACCGCCTGAGGTTGATCGCCTGCTGGTGTTTCAGATGGCGTCGCTTGTTG
TTTGCTCTTGCTTTCGCTTTTCTTCTTCTTCGACTTGCTTCTAGCTTCCTCGTCTTTCGA
ATACATAGCTTCGCGGACTCGATCATCTTCCTCCCGAGTCTTCCTCCTTCCCCGCAGCTC
CACAACAGGTATCTCGTCCACTTCCAATGTATCATCGTAGTCTGAATCAACATCGTCGCC
GTGCACAGCTTGGTGGAGATGTGCGCTAGTCGTAATGGGTTTCGAGAGGTTGAGCGGAGC
TGGCGGGGCCTTGCGCAGAGGTTGTGGAGTCTTTCTAGGAGGTGATTCGAAACCGTCACC
ACCAATGACAGGCGTGGCCTGGATCAGCGATATCTGTGGAGGCTGGAGCTGTGAATCACT
TGGGACTATCGTCACATCTGAGTTATTCTGGGGAGGCGTAGTCGGCTTCGAGGCCTGTTC
TGGAGGTTGAACAGCATCACCGGGCTGCAGCAAGGTGGCGTCGAGGCCGAGACCTTTGCT

ACCAAGGCTAAGGGGTTGTACGGAATAGTCGGTGGGCGAGTTCACGGCTGACGACAGATT
CGATGCGGTAGAATGAGACGGGGAGGTCGCTAACTGCGAGTCTGGTATGAGATGTGGCGC
GGGGTGCTCTTGTGTCAAGGGCGATGTCTTGTGCTCCCCGGCTTTGGAGTCGCTGGGCCT
AGCGGGCTCGCCAGCTGGCTCACTGAGGGCTGGCGACTGGCTAGTCTCGCGTTCCACGAC
CGAGTCGAAAGTGTCGGACTTCTGTAGTGAGCCAGGACCTGGTGGTACCTGTTCAGCATA
CTCCTTGAACTTCCTGCGGTAGCGGTCCTTGTCCTTCAATGCGCGCTCGAGATCTTTCTG
CAGCCCAATGATCATGGACCGTTGCTTCTCGACCAGCCGCCAGAGCTGCGCATTGTGACT
GGATGTGTTCTGCTTCTCCTTCCACAATGCCAGCATCGCAGCCTCTGGTGAGCCTGCTGT
GGCTATCAGAGCGGCCATATCTGGTGGGTTCGCCGTGCTCGTATCTTGCGACGGTCGCGT
CGCATGGTTGGCAGGAGGGCGGTTCTGAGAGGCGGTCGAAGATAGCGACGATGCTGCTGA
ATCTATTGAAGGGTTGCGGACAGGCACCGTCGGTCTTGTCTCAGGTCGGTTCGGCCGCGA
TGGTGGAGGCATGGTGACGGGTGACGCTGGTGGGGAAATTCCAGCCGAGGACAGCGTGGG
TGACGACACCTGCCGGAGTTTTGCATACGCAGACGGCCTCGAAGGCTGCGTGAAATTTGG
GGTGGGAACGTTGGGTGGTGTAGGCGGATGCGCTGGCTTGGTTGGGCGAATGGGCGAGGT
ATGATGTTGCTCCTCCGCAAGCAATGCGTCAAGCTTCTCGCGCGGACTGCGCGGTTCGTC
AAAGCGTGGTGAGTCTTGATAGGACAACTGCTGATATGAGAGCCCGTTATTGCCAGCTGG
GTACAACGGACTTGGGACGGGCTTGCGACGTGCTCGGATCTGGTGTTGCTCGTCCGCAGT
GGCCGGCACGTTGTGTGGGCGCGTCGAATCGTCGCGAAGGCTGCGAATACTCTCGACGAG
CGACGGCGAGGATAGAGAGTGGGAAGGCGAAGACGGCTGGTGCTGAGGGATGTGATGTGC
CGCTGGTCTTTCCTGAAGCATATGCATGTCTGTATTCGTCGCCGCCATGTTCAAGTCTCA
AACGGGCTAGCCGACGACCGGGATATCTGGTCGACAGTATAGCAGATAGTTAGTGGGGAT
TAGTGTTTCGGTGACGCTCTGAGTGTCTGGTGAATCCAAAGCTGCCACGCTCAGCAGTCT
CGTCAGCATCTGGGCGTCCCGCGCAGCTTGAGACAAGTCTCCGTCAGAAGGAGCAGCCGG
AACAGAAGAGATTTGGGCTTGTAGACTGGTGGATTCTCATTCGGCGCCATAACCGCCCTT
GTAGGAGCCGGGCCAAATTCAAGCCTGGTTCCTGCAGCAGAAGCGAGCCCTGGAGCCCTT
TGTCTCCATGATCGCCTCCGTAGGCCTTGATGGCTGCGTCCCCTCACGTTTGAGATATGC
CCAAAGCCATTTGCATCCTAGTCGACTACATGCCGGTGTAGGCGCCAGAAGTGTGCTTTG
GGCTTCCCATTGGTCTAGCCCTGTGGCTTGCTAGCCGTAATCATCGATGAGCCATCATCC
ACTGACGGTCTTATGCAGAAACGACATGTCCGCGTGGTCTGCTGTCGCTGGTGCCCGCAG
TCAAGCTGACAGAAGCCTGACGAGCCGAATTTTGCAAAATACCCACCCATTGGCTGGAAA
GTAGATGATTTGACATACGAGTCTTGAGGGTGTATTGGCTCGACGGCTCAGTAATTTGCG
ATTCATGGTAGACTCGAAGGTGCATTTCCGCCAGACATCTGGCCGTCAATTGGGTCCACG
GGTCGTAATCATGTCTCTGGCGCACGGATAGCGTTCGAGTTCAAGGGCTGGGTCGCTGCA
GCGAGAAGGATTCTCCAGGCCGAATCGAGATTAGGCCTGTCGATCAGCTGCCATTGGCCC
AATCCCTCGTGGCTGAATCAGCCGCAAGTCATAAACTTTCAAAGACGAACGCTGTCCGTG
TGCCATGGTCAGCAAAAGCGCCCAGGTCATCCGCTTTGCACCGCGGCTGGATATTCGAGC
ATCTCAACAGCAAACACAGTCGCTTGAGACGCTCATCAAAATCGTACGATTCTTACCGAC
CTACGATTACATCTGAAACTCATCCGCCGTCAAGCGAAGTGTGCTGCAGGGAGCCGCTGA
TAGCTCAACGACTAGCCCTTAACAGTCGACGCATGGTGATCACAAGCTGCACCTATGCTG
CACGACTAAGCCAAGGGCTAGACTAACAATCCTTCTTTGCGACACTGTATCAGGGGTAAC
TCGAGTGGAAAAGGCCAAGAAACGGCTTTTGTTTTTCTGTTTCTGCACTAGTACCCGCAA
CGTGCCGTCAAGATGAAGTGTGACCGAAATCTGGAACGAATATCATCATTTGTACGATTA
ACGATGCGCGGCGCGAGCAGCTCTTCTTCGCGCCTCGAGCACCGTTCATCTTTCGACAGC
ATTCACACCCCCAACGTATGCAGGGTCAACCTGAGGCAGACGCGATCCCAGAGAGGTGGC
GAGCATGATCCGGGACAGCTGTTTCCACGCGGGTTGCGTCAATCTGCAAGCCCTCCCCAT
GTCTAATTATACTTCGCATATCAAAGTTCCGAAAGGCAACGCCGAAGTATTGTGATCTTC
ACCACTGTACTTCCGCACTTTGCTTCCTTGCGGAAAACAAACCATCCAAGCTTAGGTAGA
TTGACGCCGATTCTGGGTAGAGGCAAACATAGGCTTTTCTACCATGCTCACACACAGAAG
TGGTTGATGAATCCTGTCTTTGCTATAAACAGTAATCGCCTTTGGCGGTATCAATGCATA
TGCATGCATGTGAGAGCTTCCGTTCGGCTTGCAAGCTCCCGTCCGACCGCTTCGTTACCG
CCCAGGCCTACAGTTCCCGCCGTCAAACGTGGAGGAAAATAGGCCGGATGGAGAGACATT
GCCAAGCTGGACGTCAATAACGCCTATCGGAACTTAGAGATTGTCTGCGCCATGGAGCAG
ATGCTGCTTGGGTATCCTAGCATGACTAACCCTTGCATGGCGGGTAAACGTCCATGATAA
CTCCCTCAAAACGTTTCGGCTTCCGCCCAGCGCGGAAGCACGTCCGCCCGCTTTCAGACA
CTGCTTTCAAGGTCGTCAAGAAGGTGTCGAGATCCGATTCGGTCTTTGTATGAGCAACGA
ATCTTTGTCTGGCATGACGTACCCGGTCTTCGTGACATTCATTCCAATGTGCGGGCAGGA
AAGGTACGCTGACTAAATGGTAACTAAGTGGTTGGTCGATGTAGAGTACACCGTGCATAA
GCTGGATTAGAGTTTCTGAGTAGATATTAGCAGTATATCCTTCCGAATACAGAAGCTGGT
TTGATTGACTACTCGCTTTTTGGTAGGTATGCTATTTCGACACCAACGGTGCACAGTCGC
CATGCTTGCAAAACAAGGTAATATGTTGAGCAGACATATAATGCCGTTATCGCAGCATTG
GGCCCCGGGTCCACGGCCACTATGTCTGCAAGAAGCTCACAATTTGCATGGTTATAAAAA
TCGTGATGACTAGTTAGATGCCATAGACTAGATCAGGAGGAAGCATCTGATTTTGGGTTT
ATGTTGTGACATGAATGAGACTGCCAATGTCCTGATGTTCCGCACCGGCCTTGACAGCAC
CATGACGGATACTGTGGCCTAAGAGTAGCCGGTATTCCAGGGCAACAGGCCTTACCCCAG
AGTTCTACACTCTTGTTCTACTGTTCGAGCTTCAAGGCAGATTACTGTGTAAGCTCTTAT
GGTATATCCTCAACAGTAGGTACAGCCTATCAAAAACCAGCTCCTTCGTGGCCATCACTT
TCGATTAACATGTTTGTCAGTCTTCTGCTTGCTACTGTCATTACTCCAAACATGTTTCGA
AGAATTTTGAACCAAGGCAAGGGGCTGTGTAGATTGCAAATTCTGAACGATGAATGACAG

CCTAGTTCTGCGAGAGATTTCCCATGGCCAGACCTTATAGCTGTTTATCGTCGAAACATG
GTCCCGCTCTCTGTGTGGAGATCAAGACGTACCCTATGGTAACTAGAGTAATGTTGAGTC
GTTAACGTGCTGTATATTCTCTTCAAACGTGTATCGTGGACACCATTTTATGCCCGCATA
CTGTACAATATTATACACTCGTATGTATGCTTCCTTCCACCTTACAATCCCACTCTTCCT
GTACCGCCTCGTTCCATCTTGTTCAACCGTCGTGCAGTTGCAATCTATGACCATTAGCCC
ATATGCCCACCACAATCGTAGCCCCGCCACTAGGATTGAACATACCTGTGTTCTTGTTCT
CTGACCCCTCACAGGCAAACCCATAGCATGCCTTCTTCCACGATATGTGCCCATATCCCT
CAATCTCCGAATATCGTCCTGCACCTGCCGCCGCAAATCGTTCTCAATCTTCATGTTCGC
CAGCTCGGCCGTCAGATCCATGACTGTCGCATTTTTCAAACTGCCGACTTTCGCCCACGG
GTGGATGTAGAATTTCGCCATGATGCGCTGCGAGACCGAGGGCCCGATGCCGAAGAAGGA
TTCGAGGGACCGCTTGACGAGCGTCGCTTCCGTGAAGCTGAAGCCGTTGATGAACACCTG
AAACCGTCAGTGAGTTGCACGCGAGGAGGATTAGGCGATCTAGTAGCGTACCATGGCGGA
TCAGCGTTCCGACGGCGAGTTCGCGTGTTGGAGTGTCAATTGTCTTGTCTGATCTCGAAT
CTCCAGACTTCCGTTTCTCACTAAACCCAAAAAGTACTAGTGCGACGGTGCGGGCAGTCC
AGCTCTCTACCTAGGTAAAACGCAACGTTTCAACACCTCTCCACCATTGCACTCAAGCAG
GGGGCTCTCCAAACTATTTAACTCTGTGACTTCCCTTGGTTGTTTCCCAACACAATCAGG
CATCATGGCTACTTTCCAACGAGCCGTCATTTCGCTCCTCTTGATCCTCTCGATCACCTT
TGTCTTCTTTGCTCAGAGCACTGAGGCTGCCAAGGGACCCAAGATCACCCACAAGGTATG
CATAGCTCACAATTGACATGTGCACGGTCTTGCTAACTTCCACAGGTGTACTTCGACATC
ACCCATGGCGATGAAGAGCTAGGCCGCATCACCATTGGCCTTTACGGCAAGACTGTCCCC
AAGACCGCCGAGAACTTCCGGTACGACCCCGTACAAACTTGTGTACAGCTTCGGGATCTA
ACACATGCGATAGCGCTCTGGCTACCGGCGAGAAGGGCTTCGGTTACGAGGGCTCTACTT
TCCACCGCGTTATCAGCAACTTCATGATCCAGGGTGGTGGTAAGTACAATTCTTAGTACA
TCTCTAAGGGATTTGCAATGCTAACTCTGTTTTAGACTTCACCAAGGGTATGTCAAGATA
AACCGAGCCCCGCAATCCACACACTGACAACGATTAGGTGATGGCACTGGTGGAAAGAGT
ATCTATGGGGCTAAGTTCCCCGATGAGAACTTCAAGCTCAAGCACACCCGCAAGGGTCTT
CTCAGCATGGCCAACAGCGGAAAGGTAAGAAATACAATGTATGAACTGCACTTGAAACAT
GCACTGACCGTACATGGATGATCTAGGACACCAACGGCTCTCAGTTCTTCATCACCACCG
TCGTCACCAGCTGGCTCGATGGCCGCCACGTCGTTTTCGGAGAGGTCCTCGAGGGCTACG
ATGTTGTGGAGAAGATTGAGAACGTGAAGAAGGGACCTGGAGACAAGCCGGCCCAGACCG
TCAAGATCGCCAAGAGCGGAGAGCTCGAGGTGCCAGAGGAAGGTATTCACGCGGAACTCT
AGACATCAGTACGCATTCTTTGCTATTGGGTCGACCCCTCAGGTTGGAGAGCTGCTGATA
GTTGTGCCCTTTCTTCAAGATCTATACGGAGCTGCTGAACCTGCCATTCCTGGCGACGAA
CTCGATATCACTGCGGCAACACCATCCAAGGAGGATATCGTCAACATTGCTGAGGTCACC
CAGGCCTCTACCACCAAGCCCAAGCTCCCTGGTATGGCCGTTGCCACTGGTTCCGCTGAT
GGACTGTCAATGGGTCAGAAGTTTTTCTTTGTTGGGGCTATCGTCGCAGTCTGTGTGCTT
TTCTTGAAGTCACGAAATGGTGGGCAAAGTAACATTGTGGGTGGGCTCAAGGAGAAGAGC
ATGGCCTAGATAACGATGAAATGCAGAAACGTTCATTTAGTAGACTGTGATTGCGCTACA
TGATGAACATAAGGATAAAGGATGAATGAAGTCATTGCACCATACTACCACGACTAGAGG
CACGCATCAACCCCTGTCTTGCTGGCCTGTAAAAGTGCGAGACTGCGAATTCCTCCAGGG
TATGTTAACAAAGCGTATTAGTGCAACACAGACTCTTTCCTCCTAGTGCCAACGCTCCAA
TCCGTCAAGGCGCTAGCTAGGGTGAAGAGGGAGGATACGGAGTACTTGTAGTCCCTGCAT
TACCCACGGACAATGATGTATTACGGTCCAGGCACATGGTGGCTAGTAAAAACGAAAGTA
TTCTGTTGGGTTATCAGTACGCATGGCACTGTTGCACAAACTGGTCTGGAACCTGCACAA
GAGCCAGGCAAAGCCGCCACTACATCCACCGAGGCCATGTCACAGTGCATGTCGCATGAA
AAGCAAGCCGGCTGCAGCACACGACAGGATCCATATGTGACGTTCACCGCTCCCCACTCG
CCACAGCTTGAGAACTCTGAGAGGGAGCGCTAGCGCCACACAGGGTCTAGTGCGGGAAGG
GTTCTCCGACACGCTTTTTTAACTTACCTGCTGCGTTCTCCCTCTTCCCTAACCACCCAC
CCTCAAAACTATTCTGTGTGTATTACACAACCCTACAAGCACATTTTCTGTGAAGTCCTT
TCTTTTGGTCTTCACTTCTTTACTTCTCGTTTTCCAGGACAGAGGCGTTCCCTTCTTTCC
TGACAGAACGAGTCTCAGGCACCCGCCTGCGAGTTACGAGTTTCGTCACTTAGACCTGCT
ATCTTTCGTCTGTCGCTCACCGCCGAGCCAGCCGAAGCCAGCAAAACAGTAATTTGCGAC
TTGCATATTGCCCTCGTCTTATATACACAACCACACCTTCAGCCTACTCGACTCAACCAC
GCCCATCATGGCTGACCAACTCGACATGGGTCGTCTCAACATAAATGAGTCCCAGCACAA
CAACCAGAACGGCTTCAACGGCGAGCGTTCTGCCTACATCCCTCCCCACCTTCGCGGTCG
TCCCCAGGGCGGCCCTGCACCCATGGACGGCCCGCCCCCGATGATGAACGGCGGCGGCGG
TCTCGGTGGCAGCGCTTGGGGACCAGGAGGGTCAGTCAATACCCAAGACACAAAACAGGA
AGGTATGCTAACGGGTGACAGTCAGGGTCCTCCCCCTCAGATGAACGGCGGCGGTGGTGC
CGGTGGCTGGGCCAACGCACCCAACTTCACTCCCCGCGGTCGCGACGGTCCCCCAGGTGG
TGGATGGGGCGGTGCCCCTCGCGGCAACTTTGACCCCAACGCTTACGGCAAGCCAGGTGG
TGGCGGCTCTGGAGGTGCTCGCGGATCTGGTGACGGTGCCTGGAAGGACGGCAAGCACGT
CCCCGGCCCGCCCAACCAGCGTCTTGAGCGCGACCTCTTCGGCATGCCCAACGACCCCTC
CAAGCAGCACACCGGTATCAACTTCGAGAAGTACGATGACATCCCCGTTGAGGCCTCTGG
TCAGGGTGTTCCCGAACCCGTCACACGTTTCACAAACCCGCCTCTCGACGACCACCTGCT
AAGCAACATCGAGCTCTCCGGATACAAGGTCCCCACACCAGTCCAGAAGTACTCCATCCC
TATCGTCATGGGTGGCCGTGATCTCATGGCTTGTGCCCAGACCGGTTCTGGAAAGACTGG
TGGTTTCCTTTTCCCCATTCTTGCCCAGGCTTTCAAGAACGGCCCTTCTCCTCCTCCCGC
AACGGCTCAGGGTGGCTATGGACGTCAACGCAAGGCTTACCCCACCTCGCTTGTCCTTGC

TCCTACCCGTGAGTTGGTCTCCCAAATTTTCGACGAGGCCCGCAAGTTCGCCTACCGCTC
GTGGGTCCGCCCTTGTGTCGTTTACGGTGGTGCCGACATTGGTTCCCAGCTTCGCCAGAT
CGAGCGCGGCTGTGATCTTCTCGTCGCTACTCCTGGTCGTTTGGTCGACTTGATCGAGCG
CGGCCGTATCTCCCTCGCCAGCATCAAGTACCTGGTTCTTGACGAGGCTGACCGCATGTT
GGACATGGGTTTCGAGCCTCAAATTCGCCGCATTGTTGAGGGCGAGGACATGCCTCCTAC
CGCTGCCCGCCAGACACTCATGTTCTCGGCCACTTTCCCCCGCGACATTCAGATGCTTGC
CCGCGACTTCTTGAAGGACTACATCTTCCTTTCGGTCGGTCGTGTCGGTTCTACTTCTGA
GAACATTACCCAGAAGATTGAGTACGTCGAGGACGTTGACAAGCGTTCTGTCCTCCTGGA
TATCCTTCACACTCATGGTGCTGGTCTTACCTTGATCTTCGTTGAGACCAAGCGTATGGC
CGACTCCTTGTCGGACTTCCTCATCAACCAAGGCTTCCCCGCCACCTCCATTCACGGTGA
CCGCACTCAGCGCGAGCGTGAGAAGGCTCTGGAGATGTTCCGAAACGGACGTTGCCCCAT
CCTTGTCGCTACTGCTGTAGCTGCCCGAGGTCTTGATATCCCGAATGGTAAGTTCTGCCT
ATGCGAAATGCATGTGAGACATACACTGACTTCTTGTTTTCAAATCTGCAGTCACCCACG
TCGTCAACTATGACCTGCCCACCGATATTGACGATTACGTTCACCGTATCGGTCGTACTG
GACGTGCTGGAAACACTGGTATTGCCACTGCTTTCTTCAACCGCGGCAACCGCGGAGTCG
TACGCGATCTCCTTGATCTCTTGAAGGAGGCCAACCAGGAAGTCCCTGGATTCCTCGAGT
CCATTGCCCGCGAAGGCTCCGGCTTCGGTGGAGGCCGTGGTGGACGTGGAGGCGGCCGTG
GTCGTGGCAACGCTGCTACCCGTGATGTTCGTCGTATGGGCGGCGGTGGTGGTTTCGGTG
GTGGCGGTCAGTGGGGTGGTGCTCCTCAAGGCGGCTACGGAGGTGGTTACGGCGGCGCTC
CCGGCGGCGGCTACGCTCCTCCAGCTCCTGGTGGCTACTCTGGCGGCGGTGGTGGCTTTG
GTGGAGGCTACGGCAACCCATCCGGCCCTGGCGGCAACTCCTGGTGGTAAACGTGCATCG
CACCGCTTCACGATGTAGCCAGCCCGGGACACATTTTCTTCTCTACGATACCCTGGGCCT
TCGTGTCGCTGCTACCGATGGCTTGCTTTCGATTTTCTTTACTCTCGAATGTTTTCTGCG
ACTCCTTCCCGGTTACCGCGGATCGATGCGGAAATCAGGAATCTCATACCCCAACCAGCA
TATAGACAGCGACTGTTTTTTTGCGGATCTGCCTGTTTTTCGAGCTCTTCTCGCATACGA
TACCCTTCGACGCACATTTGTCGAGCTCGAACATAGATGGCAGGACCCTCGTCTTTCCCG
GAAAGGCATGCATTACGAACATTTCACGACTTCGCTCTTCTGCAAGCATGCTGCTTGGGG
AGCCATAGATTCTCGCTTTCCGAGTCGTCCACACGCGGATGACCTCTGAGCATTTCCTTA
TTTTACGACAAAAGCGATTCCTTTTTCCCGGTCATACCCCTCGGCGACAACGCCTTTCTC
GTCGTCCTTGCGTCGCTCAGTCTCTCCACACGCGGAGGGTAGCAGCATGACCTTGTTTTG
GACGACGAAAAAGTTTCCTGCATAGATGGCGTTCATGAAGGTCTATCCACGACCCAACCT
TTGTACGAAGGAAGATACCCCGGTTCTTTGTGGTAACCATCATGGTGGCTGTCTTTCCAA
GGCCTGCTCGGCGGTGGGATTTAAAAGCTCTTTCTGGTTTGCAGGCACATGTGCGGACCT
GACCCAGTGACTTGGGTGGAAGGAATCTGATAAAAGTATAGTTTCCAGCAGATGATTAGT
TACATAGACTAGTGCGGGCTGCCAACATGCGTAGCCTGTACAATGCATGCGATTTCATAC
TTGCAACTCTATCCTCTATTTGCTGTGATGTTGAAGATGGTAGCTCTAGGCCGGCGAGTA
TCATGCGATTCACATGATGTGGCCTAGTCATTTTCAGCCATTTATCTCAACTTTCGTCCA
TCGCCCAAGACCTTGCACCCCATACAAGGGAAAAACCGAACAGGTGAAGATAACAAGCTC
TACCTTACAGCTTACGTTAGCTCCTAACAATAAAGATTATATAGACTAACAGCATTATAG
ACTTCTAGATTCTCTATAGATATCTATATAGCTGTAATATAATTTATTGTAGTAGAAAGA
AGTACTCTGCTCTAACAAGATGTTTAGTTTCTCCCCTTGACGTAGTGTTGCAAAATGCTT
CAGGATCTATCCTGATATTGGCAACTCGGGGCCGAGAGACGATTTTGGCCTCACTAGGCG
GTGGCTCTTTCTCCAGTCATTACCATTCTTGCAAGACGACTGGCACTCTCGTTCTTGCCT
TACGAAGCAGGTGCCGTCAACATCACTTCCTCACGCATATGCTTGTATCCAAGGCTCTCT
TTGGTCATCGACATCGTCTCGCCCACACCACCCGCCAACCACTCTATTCCTCGTGCACGT
ACTCATCGGATATCAGCATAATTAGCACCGCATACATCTTGTTTCGCAGACCCGAAAAGT
GTGGCTGAAGCTATCTCTCGCCAGAAAAGCTATCTTGTCACACTACAATGCCCGACCACC
TGGTAGGCCACCCATCACTCCAAAAGACACGCGACAATCTCGCGAAATGGGGAAAATATT
GCCGCACACAGTTCATAGACTGGACTGCAGAAGCGAGAGAAGAGTTTGAAGCAGACATAA
ATCGTACCAAGCCGTGGAATACCAGTTTGTAGGATTGCCTGAATCCCCTGCCACTATGTA
AGTTCTTCTCATTTGTCGAAGTGAGGATGGGATTAACAAGTATGGTAGGTCTTGTCACTT
TCTTCTGTCCTTGCGTCACCTGCGGAAAGACATGGCATCGTCTTCATTACAACGGCGATA
TGAGTGGGTATGAGATTGTCAATGTACCGGTAAGTATTCTCTCTTTTCTACGCCTACCTT
CTATACAACAATCCAGCTCAATCTACCTCACTCTCCATTCTCTGACTAATAGAACAAAAC
ACAAACAGTGCATAGCCTACGGCTACTCGGTCTTCTGCTGCACCCCAATCGCCCACCAAT
TCCTCGTCTGTATCCCAAACGCATGGCAAACATTTCGCATTCGCAGAATGGGCGATCTAG
GTGGGACCTGTGCTGCAGATTGTGCAAAGACCTGGTTGTGCCCTTGCTGCTCGTTAATTC
AAAATGAGAAGGAATCGAAGCTTCTGATTGAAGGGCGCAGAACAGGGTTTTGGGGTGGCG
ATGGCGCTGGGGCTGGTGCTGAGAGTGTTATTGTACAGCAACCGACCGGGGGTCTGGGCG
AGGAGATGGTCATGCCCTCGAGCGCGCAAGCTGAAGGTGTAACATGTGCAGTGGTTGAAC
CTCCGGTGATCATGGAAGGCGTCGACGGGCAGCTGGCCGGATCCGAGGCAGATGCTGGAT
TAGAGAATACGGACGACACGACTAAAACACGACCACACACAGATGGAATCGCTGATCCAA
GCACTCTGTCTGACCCGATCACGTCGGAAGGAACCCTCAACAACGAAACTTCTACTTCGC
CTATCATGGTCTGCTCAGTAGCAACGACAACTATGTTCGAGCCCCCCACGCCTCCCACCG
AATCGATTACGACTTCCCAACACTTCGGAATAGCACCTACTCAGGACATTCTTTCTTACG
CCCCTAGCCACTCAGAAAGAAGCAAGAAGAAATGGAATTTGGATACGACAGGCCAGCGTG
TCCGCCGTAAGAGTGAAAGAGTAGTTCCAAATCATTTGGATTGCTTCGTGCCGTACATGA
AGTTTTTGGAGTAAGTTTGTCTACCTTGGCTCACCCAGAGACGCGAATTGAATGTGAAGA

GAACGGAAGGGCTGAGTAGCGGGAAGAGATAGATGGTGGCATTGTTCTTCTTCTTCTTAT
TGTCCTAGGGTTCTTTTTTTTGTGTGTGTTCCTGTTTCACGCGCCTCACGATTAGGTCGT
TATCGAGGTTCCTACTTTATTGCTATAATTCATGTCTGTCTTCAATTAGGCTCCCTCTTC
CAATCCCGTGACCATCCCTTGACTGTCTATTCGAGCATGACCAGAAAAGTGCAACAGTAA
AAGATACATCGTAATCATTATTTCATGACTCATTATACACGTTACGTATACGCTAGATAC
AACACACTTCACTCGAGAGGGCACAACCTCTCCACATCAGCACATCAAGTGACAGGAAAG
CCAAGATAGTAAAGGTCTGTAAAACTTACAGCCCACTCAGTCCATCCAACAACGCCGTCA
GCCCACCAACACCCAATAGGGCGCCCGCCGCCGCCTTCCTTCCTGTATGACTCTTCTTTC
CATACTTATCTCTCTCCCTTTCCCGCTCTTTCTCATACATTCTACTCCTCGACTTTGACC
TACGTCGTCTAGGACGTTCGAGTTCAGACTCAGATGTCGTGAAGTCATCGTCGTACCGTC
GGTTGCTTGGACGCATGTAGGATTGGCGGAGAGGAGACGCTTGTATGGGGTAATTCTGGT
TTTGAGGCTGTGAATGTGAGGGTAAAGGTGGGTTTGTGAAAGGGGCATTGGCCGGTGGTG
GTGGTGGGAAGTATTGAGGTGTTGCTGTTGTGTTCATCATTTGTGGTGGGTAGCCATTGG
TTTGTGGTGGGTATTGAGGCAGTCGTGAAGACTGAGGAAGTGGCGGTTGCTGAGGGGCGT
ACTGATTTGGCATTGGTATCTGGAGGTTTGGAGTCCGAGAGTTGACGTTTGACTGGGTTG
GTGGTGGTGGAATGAGCCCGGGTCCAGGCATTGAGAGTGATCGATCTAGTGGGGGTGGCC
CAGGTGGTGGCGGGAGGTGGTTTGAGGTGTTCGAGCGGTCAAGCGGGGGGTGTGTGCTCC
GAGGCACTGGTGTTCGGTTCCGATCGAATGCGCCTCCTTTCAGAATACCATGTGGCGGCG
GGGGACGATTGAAAGACGATCTCCTAACTTGTGGCTGCTGAGGTGGAGTAGGTGCTGCTG
CCTTTCGGTATATGTCAACTGTCCGTTCGACAAGACGCTTGACCTGTTCGAACTGTAGTG
GCCGTTCGATACAGAAACATGTTTCGCCCCTTATCCTCCTGTTGTCCTTCCGCTCCTTTT
GGTAAGATGTGTATCTGAAACCCGCCTCTCTGATTGCTTCCTTGCATACCCAACTCGCCA
TAATCTCAGTCCAGCTGCTACGCTCCAAATACGCCAGAGAGTATGCCTGGTCAGTGTTTG
AGCTGACCATTTTAGCATCAACAAATCGCCAGTAGTATTTACGCGTACACAACTTCCACG
GAATTTCTAGATCGGCTTCGCTGTCTTCCTCTTTGGCTTCTACCGCGGCGGCTGCCTCGA
CCGGCAAACTTCCCAAACTCGATCGGGGTGATGCAGTTGGGTACTGTTCATTGGTAGCTG
GTGGCATACTTGTTCGTGACGTACGTGGTGTAGCGATGGGTGTTGGCGGCGTGGTGGGAC
CGTACTGCTTTTCCTGTGGCGGACTAGGCGTGCCATTGACCTCAGTAAATAGTGGCTGTA
TGCTTCCTGACCTGTGCGTTCGGCGAGCACCGTCGCCTGACAGCTTTGACGTGTGACTTT
CCTCTTCGCTATCAGATTCCACAGTGGCTTGTTGAGTTTCCCATCTTTGCCTCTGCCTTT
CGCGCTCTTCGTCTTGTAAGCGGCGTTCAAATAGAGGGAGGCTCGTCCATCGCTGCAACA
AGTGTTCGACACGTGAAGCCGATGCAGTCAGAACTGCTGGTAATCCGTTCGCTTCAGTAT
ATATTGATGTGTCGAGACTTGTCAAATCTTCATCCTGATACGAACGTAGGGTAGATGACC
TAGGGGTTTCGCCCCGCCCAGTGATGACCAAACTCTGAGAACTGTCTCCTTCCATCAACA
ACAGGCGCGCATCAGATTGAGATAAATTTTCGTAGAGGTTCGAGGCTGATAAAATTGACA
ATTGTTGTTGAACAATCAACGTTTCCAGTTGGATCCTTTCACTATCAACAAGTTTGGCGG
CTTGTTGTGGAGATACCGTAGGACGTACTCTATGGCGCTGTTAGCGTACTCCATGGAAGG
AATCTGAGCCATGCGTAGCAGCCTGAATGAAGGCTAGATGCCTTATAGGGGACGGAACTA
ACTTTGACCACATTATAGTCTGCGCTGCGTAGAGCGTCTGTAGCAGGACAGAGAGCGTCA
TGCTCAGGGCCTCCAGGTGAGCAGTGAGATAGTCCAAGCTAGCCTTGGTTGAAGGATCTA
ACTGAGACCGAATTTTTTGAGTAGAGCGGGAAATGTCTCTTTGATCGTGACGCTTCTCAT
CCTCGGTTGATGAAGTCGATTCAAAGCTGGTAAGTAATGTTTGGGCTTGATCGATGACGT
CGTCCAGAGTATCGATAGCCTATGTCTATAATCAGCGAGGAACGACAGAGCTTTGTCAAG
TAATGTAATGACATATATTTCGGATCTCTTGCGTCTCAAGTGCCTCAATCGCACAAAACG
AATTCGCAGCGACCTCAAAATCTTTATCTCATGAACTTCATTCACGACCCCCCCATCGTT
GTGTCGTTCATAAATCCACGGCGATCGTCTTTACGTACCTCAGGTGATGGTAGACGATCA
TCTTCTTTGATAATAGTCCCCAACTGCTTCAGTATTGCAGCAAATCCATTTATGCTATTC
GCAACGCCAACTAAATCTTTCGCTGACCCAGGTGACTCAGCAGCAATACCGTAGAGTTTC
AGCGCGAGAGCTGAGCTTCTCGAAACCACCGGTAGAATATCTGCTAACACCGCCATCTCT
CTCTCCTTGAGAATTCGATTCCTAGATGGAAAAAAAGTGGCGAAATGAGCGGTGTGGAGA
AATAGAGTCTTGGGGAAGAAGCACCCGAACCGAACAGAGTCGAAATCCTTCGATATGTGT
TCCAAACTAACTAACCCTAGAGTTGTGTGAGGTCATAGTGTAGGAATTAATGCAGGGCTC
TCATTGACCGACGACTAAATCGGGCGGAGATCACGGCTTGGTGATTGGCCAAGACCACGG
CTGAAGGCAGGCAAGCACGCGAACCGTTCAACTCATGCAGGAGCGGCCACAAGGCTCCGC
GAAGACCGGTACATCGTAAGCTGCAAGGCAGAGGCTGTGCGCCCTCTTCAGTGTTTCTGA
CAGATGGCTACATCTGCACAGGAAGCCTCAAAGGATTTTCGCCCGCATCTGAAACTCGAC
GACTTGCCGAAGCCCTCTGTTCCAATGCATCTGTCCAAATTCTCATCCCGAAGTATCCGC
GGGCAGAATCTTCGAGCGTTGCGCGTCAACAGTTGACTAGAGGCGCGCCAATGGTGTGGC
ACAGGATGACGCCGGCTATACGGGATGGGGTTGGCCACATGATGGCTTTTGAGGCTCAAG
CTGAGAAGAGAAGACAAGCGCGTCGTGAATCTATGCTTTGGATCCGCCTTGAGAGGCCGG
TATATGGTGGCGTGAGATGGAGGATCCGGTGAGAACTTGGCTGTTGATCAGACCCGGCTT
GGGCTTCTGATGGTGATGTGCTACAGGTCAGTACATGTGCGCGCTGTATTTGGTATGATT
CGCGACGCGGGGAAGCAAGGCATGTGCATGATTCGGAATTCTTTGCAGCTGCAGCAATGT
CTGAGGGGCTGCAAGTGTTGAAATGCGTTCGCCAAGCAAGTTCACCGGCAGCTTTGGGCA
ACGACGACCCATACAGACAGGACGCATGCAGTCTTCACGGCTCCGGCGAATGCAACGACA
AGTGGTCATGACATTTCGGTGTGTGCCACTAGATGCCTGTAGAGGTACATGCCCAAGACG
GACCATGCAAAGATGCATTCATGTCGTTTCAGATGTCTTATACACATATGTCTACATGCA
ATATACAGCCCCCATCCATAACCTAGTAGAAGGATCGGTTCTGGTTGGGCGACAGCGTTG

CGTTCTGCCCCACGAAGTCCCAGTCAATCCTGTCCCACCACTTCTCGAGGAATGCCCTCT
TGCCCCGGACACCGTAATCCTGCAACCAGACATGCTCCCATGTGTTTACGCACAGCAGTG
GCACTACATCGATGCCGCCCAACGGCTTCTTGGCCCTCGAATCCTGCTGCTGCGACGCCG
CACCAAACGACCCGACCTTGTTCATTCCCTGATATGAATCGACATTGTGTGTGTTGAGGT
CGTGCGATTGCCGCCTGTGGTGAGCGCCTGACAGCGGCGATCCGGCGAGATATGTGGGCA
AGATGCGCAGGCTGCCGAAGCTGGTGTCATTGGTCTGCACGAGCCAGACAAAGCCGGGGC
CAAACATGGACTCGGCCGTGGCGAGGAATGTTTCGCGCAGTGTTTCCATGGACGAGAAGT
CGCGGTTGATCTGCTTGGTGAGGTCGGTCGACGGCCGCGACTGTACGTCCGGATTGGCGT
TGATGCCGCGGAAGAAGAAATGGTTGTTGAAGGCCATGCTGGCAATGTTGAAGGCGTAGG
CTTTCATCGGATCGCGGGCAAAGTCTACAACGAGAGCCTTGGCTTCCTGGTTCTCGAATT
GTGTACCTGCAAGAGCGACATTAGCCTCAGGCACAGTCTTGGTCTTGAATTGCATTCATC
GTACCCGCTGTCGACGCATTCAACTCGTCAACAATGTGGCCTTGGTATTCGGTGTATGCG
GTGTTGAAGCCCTTTGGCGAGAGCAGCCCGGGGACGCCATTCTGCTCGATCACGGCATGG
TTGTCCAGTGGGGGCACCGTGTAGATGTTGCGGGCGGCGGGCGATGGTATTCTCTATCCC
ACGTCAGTTCACCCACGACGTATATGGTTGACAGCCCAGCGTACCCTCCAAGCCCCGGCC
ACAGACTGGAATGCACCCGGCCGGCGGGCCAGACACCGTGTAATCATCATATGTGTGGTG
ATTGTCGGGCGAGCGATCGAATTGTCGTCGGCAAGTCGTTTCTCCAAGCTCATCTTTTTC
CCGGGCTCGAATCATCGCGCTAAAACCCCCATCCAATCACGACGCGTCCTCGCCACGGCA
GCCCTGGTGGGCAAAACCTCGCACCCTCCAAGCGCCCGCATCACACGTTTCATCCACTCG
ACTTCCCGTCCATGCATAGCCACACAAACACCAGAGTCACCTGCCACTGCGACCGTGCTA
GCTAAACCCTACACCCGCCATACAATGCCTATTGTCCACTCGGCGCGAAACAGAGCTCTA
TTCTCGGAACTTAGCCGACGAGATGGGTGGACACGATAGAGCCCAATTTTCCCATCTCGC
GGTGAGGAACGTCACTCGTCTCTAGATTTTCGCAGTAAATATCCCAAAGGTAGGGCCTGT
CTTTGTCTGCTCATTCCATTGTTTCGTACGTCTCTTTTCATATCGCTTCCATATCGCTTT
CGGATTGCTTCCTTATCCCACTGTTTCACACGCTCAAGTCACTTCTTTGAGGTTCGCCGG
TCCGACCTCTTGACCATAATACTGTCACCACGCTTCCATCTCCAAGACAATGGCTCCAGC
TACATCGTCTCCCAGGCTTTCGAGGATATCCCTTGTATGCCTCTTTGCCTCGCTCATCAC
AGCTACACATGCATCGCATCTCTTTCTCCGTCAAGCAGAAACATGCGGAGGGAACGCAGA
CCTGCAGCAGTGCGGATCAGACTTCCCGTCTTCCTTTTGCTGTCCCAAGGACTCAACATG
CATGGCTCTCAACGGTGGAGACATACAATCAGTCATCTGCTGCCCATCCGGTTCAGACTG
CGCCTACATTCAGCCAACCACTTGCGACACCACGCAGCTGAACGCTACCCTGCACCCAGA
CAACCAAATGCATCTCTCCGAGACCGACGGCATTGACTTACCCAAATGTGGTGACAAATG
CTGTTCATTAGGCTACACATGTCAGGGCACCATGTGCGCCAAAGACACCTCCCCATCACC
GACCCCATCTCCAACATCATCCGCAAACGCAACGCCTTCCTCCACTAGCCCCGCCTCCGC
ATCCCAGACTTCCAATTGCCCAGCAACCGCACCCATTCAAACAAAGCAGGGCTTCGACGG
AAAGTCCTTTGCAGCCGGTTTCTTCCCTGGCATAGTCATCGGCGCCCTCAGCACCTTGGC
CCTGATCTGGATCATCAAGAAAAGACGCGAATCCCAGTCTAAGGAGCGCTACTCTGGCGA
CTTTGGCCATGTAGCTCGTCAAATTAGCGACCCCATCTACGACCCTCAACACGCTGCACG
GACAGACTTCATGCGTCGGGGCAGCCACTCCGCCCACTCAAGCCCCAATTCAACAGACCG
AATAGTCCAAGGCATGAAGGAAACAAACGCCAACCCACCTATCCACGGTTTCACACCCAG
GATAAAAAGCATGTGGGACCGCACTCCCAAACTAAACTTTGGGTTTACGGGTGGTCTCCC
ATCAAATCCCGCTCCCCCCGTCCGTGCAGGAAATCCATATACCGATCCTTACCAAACCCC
GCCCCCGAAACCGAAACGCATCCACTCTGCCAGTCGGCGCACGAGTTCCCTCCGTACGAG
TACCCAGACATTCAACACACTACAGCCAGGACAACACCGTCCCAATGTGGCAAGGAGCGG
CAGCTCAGAAACTATCGATGTCTTGATGCCTGCACCGAGTTTCTTAGCTCCGCCACAGGC
ACCGGGTATGCGGCGCGATAATCGCTACACAACCGACTCGGCCAACACAACATTTACTAA
ACTCATGGAGAGGGCGGGGTTTGATGAGAGCGCGCAGCAGGAGGTCAAGGCGTGGAGGAC
GCCTCGGGCTTAGACTGCGATGCTTTGCTTCATGTTTGTTCCATGATTTTCTCTTCTCTT
CGTACATATATTCTACACTCTTTGATGCCTCTTTTGCTAGAGAAGGCGTTTGAGCATTTG
TTTCGTTATGGTAGGCTGGCAACCTCACAGCATTTGTATTTGGCTTCGGCGTTGGCTTTT
CTTTATATGATACCACATAGGCAGGCCTTTAGTCGCTCTCTACGAGCTGTTCCTTTTACC
AGGCGAAAATCGATATTACCATCAACATCAACATCTTCCACTGCCTCATGGTCGTACATG
TCATTAGGCGTCTCATTGTCATAACTATGTATACATGTCTGAAGACTCTTTGCGTAAAAT
CCTAATCAAGTATACCCTGGGTATATATCCGTATGAACTCAATGCAACGCCCATGCACCT
CCTCGCCCTACCAAACACTCTTAAAATCTAGTAACACCATCCCGCGAACTTCCTCCAACG
ATCGGCAAAGTCTCAACGAGATCACCACCGGCCATGTCCACATCAGCAGCTACCGACGCG
CCACTCGATCCCACAGTACCTTCACCCGCTATCCTTGCCTCGGCAGCCTGCGCCCTCAGT
TCTCGCCCAACTTCCCTCTCCAACACAGCTTGCGTCCTTTTCTTGTGGTTCCCAAACAGA
CAATGCCAAAGATCGTCTTCCTTGACAATCTCACCTTCGCCCTTTTTGCGCATAAGTTGC
TTAAACGGTGCGTTTTGGAGTTCAGCCGAGTTTGCAGCATCGAGAGTCTGTTCTTTGAGA
GCGGGGGTCGTGGATCCGGATTGCGTAGGTAGCTTGGACAATGTATTGTTGCTAATGTGT
TCGAGGCGGCGGGCAACAGATATCTCATAGATGGCTTCTTCTACCGTGTCGCTAATGAGG
TACATGAACACTGTTGTGGGTCGCTGCTGCCCGATTCGATGGACGCGACTAATGGCTTGG
AGTTCGATTGCGGGATTAATGAGTGGTTCGCAGAGGAAGACATACGTTGCGTTTACGAGA
GTTAGGCCCGAAGAATCGGTTTTGGCATCTAGGAGTAAACATTCGATGCTAGCATCAGCC
TTGAACTTCCGGATACCGTCTTTGTCGGTGATGTTGCTGGCGCCAATCTTCCACTTCTTG
AGTGCATCGCGAAGCACTTCGAGGAAGTCCCCGAATTGAGAGAAAACGATCGATTTGGCG
CCTGGGTCGTTGTTACGGATCCATATTAGGTGGCGCGCGATCATGTCGATCTTTGTGCCG

TATGAACCCTCTAGATCGATCATCTTAATCTCTTTCATCGTTGAATCGGAAATATCAGAA
TAGATAGATGTGGTTGACGAAAAGTCTGGCGTGGAAGCTTGTGTCGGGCTGGCAGGTGTG
GTTGTCTCTTCCTTCGCTCTGATCGCGATTTGTTTGAATGTGATGTCTTTAAAATCGGAC
CCAGATAGCTTCTGCTTACAAGTTGGGCAGGATCTGTGCACCTGCCACCATTGATTGATG
CATTCTTTGCAATATTTGTGACCGCAAGCTGTCAAGACGCCAATCTCGATGTCGTCCCTA
CAAATGATGCATTCAGCTGCCGCTTCATTTTGGTTCTCAGTCCGGAGATGCTTCAGATAA
GTGCACTTCGTCTTGAAGCCATTAGCAAGATCCTTTTTTCTCTCTCGCAATTGATTGGCC
TTGTCGAACTCGCGCGAGTCGAATGTGTTGTCTAGTTCCTCCTTGTACTTTGCAACGGTA
TCGGAGATGTGTTGGAATTGCCGATAATATTCCAGACGCTGGTTCATGGTACCTCGGTAC
ATTTCCTGCTCCTTTTCAAGTTCGGTAATGGCCTTCGCTTGTTCTGTGACAACGGCCTGA
ACCTTGGCATTTTGTTTCTGAAGAATGCCAAGTTCTGAGGAAGCCCGAGCATCGCCGCTG
TTGGCTCTCCATTGCAAAGCAGTGATCAGCGAGCGAATGCTAGATACAACACCCTTCAAG
GACCCAGCTTGCAACTTCGCCTGTAATCCACGTCGTGTATTGATAACTTCAAGCAGAAGT
TGAGGCGCGTGACCTCGATCACTGTCTTCGTCCCCTTTCAGGGCTTGTTTTTCGGCAGCC
TTGAGCTCGTGTTCGACAAGATTATCCTGCAGACCGTTGATAGCAGCATTACGGTCCGCA
ACAAGGGTTCGAAGAGCCATGATGTAAACGTACAGCTCGTCCTGAGCTTTGAGAGAATCG
TCGTACTCTTCACCCGTCGTCTCCTTGTCGTCGTCATCATCCACCAGGCGTGTTAGGAGA
ATGTCAACAATCTTCGCACGCCATGTCTGTATCAACTGGGCTTGCTCGTTCAGATAATCG
CTGAGGTTGTCCATCGTATCGAGAATTTTCCGGGCTTCGATACCTCCCAGATCCGGAAGG
TCAGCTATTGTAGGTATCTGGTGGAAAGGCTTTCTTGAATCGACTTTAGCCATTTGCTGC
TGCGCTCTGCCCTTCGATTCCTTCAGGAGTTCACGGCGAATTACCCTGGCCGCTTCGTAA
TAATCCGTCTCCAATTTGTCTTTCTCGCGCCAGTCATCTGAGTCTGGCTCTGTCAATTGT
GGATTTTCTTTGATCTGATGCCAGGCGGTGGCGGTAAAGAATTGAGCTGCATGTTCAAGC
TCTAGAAATGACCGGAGCGATTTGCGCAGAACTGGAATGCGACCCATATTGTCTCCGTCG
ATGTCTTCGTCTTCATCAGCCCCGTGGAGGCCACCTGTGGATACGCGGCCTAGCTTCTGC
TGCTCCGCTAGTAACTCAGCTCTGCATATCGCAATATATGATTGTGCCTCAGTCCGCGCT
TTATCATAGTATTCAAGCGACGACTTTGCACGATTGGCGAAGTTTCCTGCGTATGCTTGG
ATGTGACCCATCTTGATCAGACACAGAACCATTTCGCGAGCCTCTGCCTTCCACTTTGTG
TCGTTCTGCTCTATCATGACCTCTAAAACTTCGTGCACGGTACGCAAGGCACCGTTCTTT
GCACCTAACGCTTTCTTGTTCTTTCGACCTACGTTTGCATGGAGACAGGTCTGGCGCAAT
CTTATTAGCCACTCTCGCATGCGCTCGACAACCTCTGGGTGGGTCTCATCGCGACCTTCT
TCTTTCGGTTGCCCTCCGGGGGTGAGCCAGCATGCATCGCACATTTGACGCATCATTTCA
TTGTAATGCTGCTCCTCGATGGTCGTGAACGGAACAGTGATGACAACACGTTTCTGCGGT
GGTATTTGAAGGTCATCACGAACCCTTGCTTTTGTGTTTCGCACAGCAATCTCGTTGAAG
ATGCCTTTGAAAGACACCTTGTCTAGACGAGTCCAGGCCGCCTTGTTGTTCGCAAATGCA
TCGCACCTAAGGAAGATCAAGAGGCCACGTAAATCCTGGACGTCTTTGCGAAGAGGAGTT
CCGGAAACCGCCCATGCATTACATCTGGGGATGATTCGAGCTACTTGGGCGGCCTGACTG
ACCCCGCTTTCAACCATCTGCGCTTCATCTAAACAGACCCTCCACCATGAGATGCCGACA
AGGGGGCTATGCCGGCGGTCCTGACGTTTTGGACGTCGAGAGCTGCGATCAGGGGGAGGT
ACAGCGTGGTGGATCTCTTTCGAAAGGACTTGATATGTCGTCACTACTACATCGTGTTGC
ATGAGATAGTCGACTGTGGCTGTGGCATGGTCTTTCTTTGGTGCAGATTGAGAGGGGAGA
CCCTTGTAATGGCAGACCTTAAGATCAGGAGCATGAGCATGTATTTCGCTCAGCCACTGT
TCCAGAATCGAAGGAGGAGTAATGATTAGTGTAGCGCCTGAAGGCCTAACCTGAGCTCCA
GTGTATGTATCATAGATGTTACCATCGAGGATGTCGCGCTTGTGATGGGATATGAGCGCG
ATTAGCTCAACGGTTTTACCTAAGCCCATTTCTTCGGCGAGTATACCACCGCGCAGCGAC
TGTAGGGTGTCGTCCTTAGCTGCATCTAAATTGGTGACTATAGTGCCCCGCAGCTGACTG
ACGTAGCACGGTACTCCTGCCACATCTTGTGTCTGCCTAAATGATACTGGTGGTGAAGTG
TTGACAAAAGGCTCCAGTAAGCCAGAAGATGAGAATGCAACGCCTTCTCGACGCAAGAGC
CAATCAACAGTCCTTTCTTGGAAAGGCAGAAGCTTGGTGTCGATCAAACCTTGTTTGATA
AGCGGTGAAATCTCTGTGTTCGCGGGTGGTACATGTACGGAATCGTAAAAGTCGGATAGG
GTCCAAGACTTGTCGCCTCTCGGAGCCGCATCGCTCATGTATTTCGAGAGGAGCTTCAGG
TCCGCGTTCATGTAATGGCCTCGAATATCTGGATCCTCAACCACAGATATGTTCAGAGTC
CACCGTATCTCCACTACCAACTTGTATTGAGTGCGCCCGTGCGTGGGTGGGTGCAGCTGG
CATCGACAGAAAGCCGCGCGAGAAACAGGTTTGTGTCTTTTGCCCTGAAGCGAGGTGGCA
AGTGCAGAGGCATTCCGTAGGTGGGGTATGACCGAATCTATGAAAGGTGAGGGAGTTGTG
GCAACCAGGTCGACACCCGTTTCATTGACAGCGTTCCAGAGTTTCATCTGAAGAGTATCT
CCTGTGTGGTCTCTCCGACAGGATTCAAGCTCTAGATTTACGGGTTCTTGCGATATGGCC
GGGGTATACGTGATACTTAAGGAGTCTTGCGACGGGGTAGGCATGTTCTGTAGACATGTT
AGTTGGACTCCATAAGAATCGACCAGCCTACTCACCAAATCGATGGATACGTTGGCTAAG
ACAACACTATTCTTTTCGTTAGAGTCCGCCTGCGGCCGTACTGGAATGGCATTGCCATTT
CTGGATTTGCGTCGTTTGGGCGAAGGTTCTTCTTCTTTAAGCGCAGTAGGTGCTGCGAAT
AAGTCTTGTATAGTACGGATGCAACTCGAGGCATCTTGCGCCGGAAGCGACGATGGCCCG
CCAGGACTCCGGACGTCGGCCACAGAAAAGGCAGTTGCACGCAGCAGCTCAGCACTGCCC
TCTAAAGAAGACATAATGGCTGTCGACTCAAGGTGTCAAGAGGAAGCCGTGGTATAACAA
GGGACGAGGCGAACGCGGGTAGGAGCGAATGTCGGCCATCGCGGACACGCTAAGATAAGT
GATAAACCAGGGTCAGCCCCACAACCAGGCATCAGTTCAAGATGGTCCGCCTTCACTATG
ACCCCTCACCGCTAACCTTCTCTGTGAAGAATTCTTCGCCTCACGCGTGAATACAACAAA
TCTGGAGAGATTAAATCAAACGTTAGGCTTCGTGCCAAAAGTGACTGTTGGTAATAACTA

GCTAGTTGTCTCTTTCATCTACATGGTTGAAGCAATCTCCAAGTTGCCATTGCTCCTGCG
CCAATGACGTGTTCCAACCACTCATAAGGTAGGCTGTTCTATATGCGCCCTAACAATGGC
TGTCTCTTTGCTCAAAGAACAGGCACGGAAGTGTACCAAAGAGACATATATAATCCTGTA
CCACAACTGAACACATCGTTGGAGATGGCCCGTGTATGCGTGATGCCGTCGGCTGTCCAT
GGTCGGATGATTGCGATCTAGTGGCTCACAGTGGAGAAGTCTTCGGCGCGGGGCGTTTGT
CATCAGGCGACAACCGAAGTCCCGTCTGGACAGCCGAAGGTTCCTGTGTTCGGGCCTTCG
CTTTGTACTCATCCTTCTCGACAATCTTGACGTCCCTAGGGACAGATATGAGCATAGTCT
CGGTGTTACGCAATGTCAAATCCATATAATTCCGTAGCAGGTGTTTACTCCGTGGCCAGC
ACTCTCTTGATCGGTTCTGCAGCCTCGATGAACTTCTCGACCATGGTATCTAGCTTTGTG
AGATCGTCCTTCCCCTTCTTGACCTCTGCGATGAGCTTCTGCTTCTGCTTGAGCTTCTCC
TGTCGTGCCTCTTCGAGCTTGAGACGGACTTGGTGTTCGTGCTCGATGCGCGCGGTCATG
AGGTCGTGTTCGGTCGATTCCTTGTGTTCGGGGAACTGTTCAAGGAACTCTTCGCGAGAG
ATAAGTGGCAGTTTCATATATTTGTGGCTGTACAGGTATCAGCTTTGAACGCAAACTTTC
GCATAGGGACATACTCGTAGTTCTCGGCAGCAGAAATCTCAGAACGCAGCGACTGCTCCT
CATACTTGAGATTGTGAAGGCCCAGAATCAGCGCATCATTCACAGCCCTGTCATCGGATG
TCTTCGCCTTCTCCTCGCGCACTTTTAATACGCTTTGGCGGTAGAGAGTTTTGACAATTG
ACAGTTGCGCGCGAATGTACTTCTCCCTCTTCTGAATCTCTTGCGTAGCTTTCTTCTCCT
GATCTATATCTTCGCGCGAACCCGACTTCGGGTTCTTTGGGTGAGCAAGCTGGTAGTCTA
CAAGCTCGTTGATGAGCTTCTTGAGGTTCTGCACTTCTTTATGGAGGCGCGCATTGTGCG
GCGTCTTGAGGAGATCGGTGACGTTGAAGGAAGAAAGATCGGCAGGCATCGCATCTTCGG
ATCGCGCAATGGGGAGCTGCTGTTCGCTCATATTGAAAACCTTTGCGGGTTGTGGCCGTT
ACTGTTGTCGTGCCGTTGTTCGCGGTCATCGCGAACAACGGCACTAGTCATGCCTTGGCA
CAACAGTCACATGATGTCGTGTTCCTTTGGCGTCCGCTGTCACCCAGGCACCAGAGCTGC
CGTCTTACATCTCCACAACCAGGCTGAACTCTCGGTAGATTTCACAGCACGTCCAATAAA
TTGCTTAAGATCTTGATCGCGCCACATCTGATCGATCCAGGTAAGCGACGCGCAAGACGA
GATGAGATGTGTACTAGATCCTGGCCCTTTTGATCCCATAGCGCGCCACATATGTCCTCG
CCTATCGCCTTGAAGCATCCTGAAGGGATTTCTACATTGAGCAAACCACGCATTAGATCG
ATCGTTCTCAACGCACTGGTCATACGTTCAACCAGTGCAAGTGCCAGCACTGAGCATGTC
ACGCACACACACGGACCGTGGCTGCGAGGCTCGAGGGTCGTCCTGCCTCAGCTCAGGTAA
CCCGGTATCGGGGACTGTGATATATTCTACTACCTGCATATTGTGCGTTTCGAAGCTACG
ACCGAAGTACAAGGATATACACAAGTTTTCCAAGCTGGGCACCACTGCAAGGAGGCCGTT
TGGTGGAGTGGAGAGCGACAGGCCTCATATCTCGGGTTGCGGTACCGATGCTGTCGTTAC
CTTTCAAAGCACTCGCCAAGCGCAAAGACTCCGTGCTTCCGAGTCCAAGCTGACTCGTCT
TCTATCGTCATGCCAAACCCTTCCTCAGAACTCCATCCTCGACCTTGCACAGCTGTGCCG
CTCCATGACACGCTTTTTCTTCATTTTAACCCGTGAGCGACGAGATTCGTCACAGATACT
TTGCCACCAAAGTTCATGTCCGTTGGAAAGCGACCCGAGCCCGTACATCGGCCAAATCAA
TATAGATCCGACGAAGTCCCATTCAGCTAGCAGAAACGGCGATTTGTTCAAGAACGGCCC
AGAATTCCTGCCTTCGCAGGTACTGGGCGCGCACTATCTATAGCGCGGTCCGCGGTAGAG
CGTTAGCGCCATACTAGGCTGCCTAGGATCTGAGCCCGAGATGAGAAATTGCGGAGGATT
TGCATGACCGCAGGCGCCCAAGGTTTGCTTTTCCATGAAGATCATTGCAACGTTCAGACT
TTGGGCCACGGCCAACGTCTCATTTCAAACGGCCTGAAACGTCGAGAGACACCCGACTGG
GTCATACACGACTCACTGTGAGCTTCTTTATCAGCAAGCTGCCGGGTACCTTCTTCCTCG
GCAAGAGCACGCAACGTGCTTGGCTGGAGACCCGGGACTAGTGAGCCAATCTTTGCCCTT
TGGTATCTTGCATCACCGCAAAACCTAGTTTGGGACCAATTATATCGGACATCCATGAAA
GACATCTTGACGGCTTCGACACGCTCATGGGCTGGCTAGGCCTTCCGCTACCCTCGCGGA
CGAAGAATCTCAGGCCCACACTCTGATTATTCAAATTTTAAGACCTTGTCATTTGTCGAA
ACGGATTTTGAGCATAGCGGAGATATGTCCGATGAGGTCAGGCCTCGCTGTGGCTGTTGG
TGGCACCGACCATAGATCGATTCTGTGCGGCACAGCTAGCGATACGATTTCGCAACCAGG
GGTAGACGAAGTTTCAACGAAGCTTCGGCGACCCTTCTGGCAATCCCTAGAGCACCGAAG
CGCCTCTTCACGGGGCGAGGAGCTTTAGGTTTCTGGAACGTCACCACACTCTAACGAAAC
GGCGCATCCTTTACTCAATTGTTGTACGTCGGGCCGTGCGGCGCGAAGACACTTTGCGTG
CGTATACTGCATGCAAAATCATCACGAGTGGAGCTAGACCACGCGGAAGGACACGACCGA
CGGACCCTAGATGGGAATTATCAGTGTGTGGCTGGTAGGCAAATGCTCATTTGCTTTTCC
CGTTACGTTCGGCGCCTTGTTCATGCAACCACGACTACACCCATGCGCAGTTCGTTTGCG
GGATTGAATATCAGCGGGAGATCTCAAATGACTTGCATCAAGCGGCTATGCAAGCTACTG
AGTTCTGCGTCGTTCACTATCATAAGTTCTCGAGATGCTATCTTGTATGGCAGTCATAAA
GTAGTTGGAGGGGTTTCAGCTCCTCGCATGACCAACGCCTAGTTCATACATGCATGCAAG
CAGCACGAGGCAGCCATCTAGGTGTGGACTAGAGTTCCGAGAAGATCAGCCCGCACGATG
CTCGGCTAGTAGTAGTGTGGCATGCAGCTGTGCCAGCAGGCACAATCTGCAGGCTGCAGT
CACAACTATCAGCTAGAAGGGAGCTGCCGGCAATGGAAAATGATATTCACTGGTGCTACA
GTTTGCTAAACTATATGGCGCTCGACATGTTCCCGAATATGGGCTGCGGCCCACAGCACC
GACCGTATGTTTTCCCCTTATGCACGCGCATTTTCACGTGGAATGGCAGGTGTCATCTAG
GATAACCCTAGGACAACCTAGGGCGTTGCCATACAAATCTTGGCACTAACCCCGGCGAAG
GCGATAACCCAAACCTTATTCCGGGCCTTTAGAGCCTCCGCTACAAACTTAGGGCTATGA
CACGACGCGATTCGCCCTGGCCGCGCCTCCTTGACTCGATGCTCATGCGGGCTAGAGCAG
GCGGACGGCCTGGCTTACCACGGTATTTGCAGTGGGCCAGAGATAGTTCTTAGTCAGGGC
CCTCGAGTGCACTGTAAAGAAGCCTCATTGACCCGCTTGCTCGTCTCTTTGATTTCCCCA
GCATTCGTTCATTTTTACCATCTTCGTTATGGCTCCAGCAAAAGAAACGTCGGTTGATCT

GTGCAAGCGGGTCAATGCACAGGGAAACACCATTGCCATCCGCATGCTCGAATATCTGAG
CACTGCAAAGACACCTATTCATGGCTTCGAGCCACTCGCCAGAGAGTTCATTGAGCTCTG
CCAAGTATTATGGTCCATCGAAGCTGGAGTTACGGAAGCGTCCAAGACACGGAGTGGATT
CCCAGTCGAGGTATCTCAAGAACTTGACAGGAGGGTCCGTCAGGTTAATGAAGAGTTCTC
TGTTCTGGCCCAAATGGTTAACAAATGTAAGTTTGTCTGGTTTCTTGAGTTCTTCATTTC
TGAACTTGAATCTTCAAACAATTACGGTGAATTATTGCTGACGGCATTAGTTGTCGACAA
AGAGAACCACAAAGGCGGATTCGGTATGAAGTTCCGAATGATGTTCGCCGATACAGACGT
TGAAAAGATGCGCCACACACTTTCACGGAGCCGTGACTCCCTCAAAGTCAGCTCTGCCAT
GTTCAGGTGGACACTTGGCGATGCACGAGCTGATGCCTCCATGGGTATTGGATACGCCGG
ACTGATTGCTGCATTGGAGCGATTGAACCCAAGCAAAGCCTCCAGCCTTCCGCCTCTACA
CCCAGCGCCGACATCTGATCTTCCACCAACACCTCCAACGAAGGCTCCAAGCCATCATGG
AGATCACCCACTCTTGCCACCTTCACATGCTTCGCACCGTATGGACAGACCATCTTTGAA
TGAACTTCGCCATGAGGAGGGTCACTCATATGACAGTCACAGTTCACATTTCAGACATGA
GGACACTGGTCTATCAGCCGGAATCGTAGATCTACACAAAAACTGGCGCGCGCCAGCCAG
TGCGCGTTCAAGCGAATCAACAAGAGATACAATGTACCATCAGAATATTCGGCATGAGGA
TCCTGTGTACGAGGACTATGCTTCGCACTCCAGCACTCGGTCACCCACAATGGAAGAAAA
ACTACATGGTCTCAGCGTCAGCGAGCGCTATATGGACGACCATCACTCTTCGTCTAAAGT
CGACTCTGCCATCACATCGCCGCACTGGGCACCTCGCCAGAGTGGAGGCTCAAAGAATGT
TGGTGGCAAGGCAGCACTATTCAATGCTGTTGAGCAGAGGAGACATCGCATGCTAGAGCA
GCTTCTAGACGGTGGAGCTAAGGCTGAACCTCACATGGAGTCCGCGATGCTTCGCGTCGC
TGCACAGAATCAGGACGCGGAAAGTATCATGCTACTTCTTCGATATGGCGCAGATGCTAA
TGGTTTCGACCGGGAGGGTGTTACTCCCCTGTTTGCGACAACTCGTTCTCAGTGCCTTGA
AAGCGCGAAGATACTCCTCAAGCACGGAGCAGATCCTAATCTGTCTGCCGGCCCTGATTC
CGAGTCACCTCTAGCACTGGCTGTGTCTCAGAATGCTATTGAATTCGTCCAGCTATACCT
CGCCAACGGTGGCGATCCTGGTTTCGTCATGGAGAACGGTTCTACAGCACTCGTCTCAGC
TATGAACAAGACCACCTCGCCCAAGTGTGTCGAGATGCTCTTGAGCAAGGACGGTGATGC
CAATGCGAAGAATGGAGAAGGCACAACTGCTTTGTTCCAGGCTATCCAGGCGAACCGTGT
AGATCTCATGACGGTGTTGCTCGATCACGGAGCGAATCCCAACCTTCCGGGTCCTAAGCA
TCCACTCTGGCCATCCACTTACAAGCCCAAGTGCCTTCAGTTGCTGCTATCTCGCGGTGC
TGACACCAAGAAGACGCCTGGTGTCATGGAATTGGCTTCTAGTTTGAAGAAGCTGGACTC
CATCAAGATCCTTATGGAAGCTGGCGTATCTCCTAACGTCCGGAAAGATGGCGTCTACAC
ACCACTTTGCTCGGCCATTCGTGATAACAGCCCCGAGATTGTTACGTATCTGCTAGAGCA
TGGTGCAGACCCAAACTTCAACGCAGCGGAATACCCAGCTTTCAAGAGTATTACACACAA
GCGCACACATTTCCTACCGCAACTGGTTGCAGCTGGTGCAGACCTTAACAAACCTAAAGG
TATCATCGAAACCGCTGTCAAGTTCAACGACAAGGACGCGATGATCTACCTGCTCGACCA
AGGCGTCAACCCCAACGATCGAACACCGGACGGATGCACACCGCTCACCACTGCTATCAA
CGACGATCATGGCGAGCTCGTCGATATCCTCCTTTCTCGTGGCGCGGACCCAGCTATCCG
TGGAAAGGACTGGCCTCTGTGCATGGCCGTCAAGCGTCCCGCCATCCTTAAGAAGCTCCT
TGCTGCAACTCCCAACCCGCGCGCTTTCCGCGGTGTCGTCGAGATGGCTGTCGTAGCCAA
CCAACTTGAAAGCATTAAGCTCCTCCTTGCAGCAGGCGTCAGCGTCGAAGACAAAAACTG
TGGTGTCTTCTCTCCACTCACAACAGCCATTCGCGAGGAGCGTAAGGTCATTGTCCGCTA
CCTCCTCGACGTAGCCAATGCCGACCCCAACGCCCCCGGCGAGCATCTTCCGATCGTCAA
GGCCCTTCGCCGCTACTCCGGCGACACAGAAATCATTCAGATGCTGCTTACACGTGGCGC
TGATATTAACAAGATGCACCGCGGCTGGAACGCGATTTTGCAAGCTGTCGAGAATGGAGA
CGCTGAGATCCTCAAGCTTCTCATCGACATGGGTGGCCCTCCTGACCTCCAATTGCAGGA
CGAAGCCGGCCGGGCCGTCATCGACATTGTTACCGAGAGGGGCTGGGAAGAGGGCCTTGC
ACTTCTTTTTCCGAATGCAACTACCCCTCCAAAGGCCAATGTGTCAAAGGCCAGGTAGTA
GGTAATCCACCACTGCTTTCTTCTCTTGTTACTTTGCGGCGAGCAGAGTGCTGACTGGCC
GCAATAGTAACAAGAAGAGTTTCTCTATCTCAGACTGGCGCTGGATGAGCATAGAACTTG
AGAAAGGCGAGATGAAGAGTAGTGATGACGAGGATGAAGTTCCAGACGACTGTAGTCAAG
CTTCAAGTGAGCTACTGCATGTGTGATCGGAAGTTCATTCCATCTGATCGCGTTTCATTT
GTCGGTAATGGAAGTAATGTTGGCTGGGACGTTTGGTCTGCTTGTGCATTTTTGCCACGG
AGTTCTCGGTATACCACCTGTTGTTTAGCATTTCCTCTCTTCTGTTACTCATGACATGGG
AGGACTTGGAGCGCGCGTTCAACTACCTAATCGGTAGCATCTTTTTCATTTGTTTTGACC
GAGACTTTATTCCTATATGTCATTCCTTCAATACACGAATACACATACAATCAGACTTGA
TCTCCGTCTTCCCCAATCTTCACAGACCACCGCACCCATCCGTCACATACCCCTCTTCTA
CACACCACCTCATAATAATCAAGCATTCCTCGGTCCGAATACCTCCTCATTCCAGGCGTC
CATCCAGGCGTCTCTAGCTCAAACTTATTACCCTGCATCAAGCAACATTACCCTAGTTCG
CCACACGTCCATCCGCCTCCACTTTCCAGACTTTCGGGACATACCAAAGCTTACCACTAG
CACGAAATGATGGAATTGGAGGCTTGAGTCTACTCGCTTTCGCGCTCGCGACAACGCACA
CATGCGGAAATGCGTTATCTTAGTGTAGGTCTAGAAATGTAGACAGAACTTAATCGGCGA
TCGCAATCGCGCCACTGCCGTTGCGGGTCGTTAGAAGTAGATCTTGGTAACTGGAGGGCA
TACGGCAGGTACGGTTGATGCGCAAAGGCCATTCGGATCTCTTCCGCCTGGAATGTCGGG
ACGGGAGTAGATTACTTAACATTGTCCGTGTTCTGGAAATGGCCTTTACTTGGCATCTGA
ATGGAGCTATTTGTTTTGAGCGCTGGCTTGCCCTGGCTAGAAGTCTCCTTCATGTCATAA
GGCGAGCAGGTGACAGTATTCGTGATCAGTATACCCGAGCGCGAAGGCAGTTGCAAAAGA
GGAATAACGCAATCGTAATTCGCTGCACATCACAACACATAGCTTTAACAAGAAATGGCA
TGCAAAAGTGTAACATCATTAGACTACTCATGATATATGCTGCTGTTGCTGCTGCTACAA

ACAACGACGCAGGCCTCCAGATCTCCAAGAAAAGAATGTGACATTGCGTGACGAAACCGA
AGGGTATAAGAATGGATCGGTTTCCCGTAGAAGCGTGAATGCGGTGAAGTTCGTAAAGTC
GTAGACCAGAAAAATTCATCCAACGTATTTTGTATGGCGCGAAGTAGTGAAGGGTGAGCA
TGAGCCTGACCGCGAAGGCTCGAACGCGACAAAAGAAAAGGTGTAAAGGACTATCACACA
ACACAAAGATTGTGAAAATCGCGTCAAAAGGACATCCTCAAGTGGATACTGCAAACGCCC
GCAGTGCTCGGTGGTGGACTCGAGAAGGACGTTAAGCCTTCCAATCAACCAAAGCGACCT
ATACGCTGGGAAGCCAGAAGGAAAGCAAGAACTGTCCCACAAGGCGTGAAGTATACTTCG
TCTGGTTATCACTCGAGATGCTAACCGCCTGGCGTTGTTGTAGGAAATCAACTGAATTCT
CATTAGCAACATATTCAGCCGGCATGCCCACGCCGGAGCGGCATTCGGTGTACTCACTGT
TCTCCTTGACTAACTGCGCAACCTGCCTCACAAAGTTCACACTGTTTGCATCCCCAAAAC
CCACCTCTTTTTCCCAGTCATGATCTGCATCACGCATGGGATTATGCTTGCGGTTGTACT
TCCATCGGAATATTTGCTGCACAAAATGCATCCGTTTATCGATCTCACGGCACGCGATAT
CCGCCTGGCTCTGCGCATCCCTTTGATCTAGGCCCTCTGTGGTAGCCTTGGTAGACATGA
CAAGATGTATGGTCTTTTGCTGGTCTTCAAGTGCCATGCACATTCCTAACACTGCAATAA
ATGCCGCAAGCCATTTGTCACAACCTTTGGAAGATTTGAAGATCTGTTGAAGCTTATTGA
GAACAGTGGTTTGGATCGAGCGTTGAAGGCGTGAGAAGAAGTATTTGAGTTGCCGGTTGG
TCATGCGCGGCGATGTATAGTTTTCGACGTAGGAGTTGTGGCCGCTGTACGAGTGCATAC
GCGATAGTGTATCGACTTTCGTTTCCTCGGCGATAGTAAGCGTATGCGACATGATGAATG
TTACTACGATGAGGCGGAAGATCTCGCGCAGTAGCTTTGCTTCGTCGTCCGACTTGGGTT
TTACGCGCGTCATCAACTTGAAGAGTTTCTGCTGGAAGTCGTTGTCGTCTTCCATCCAAC
AGAGTTCGCCAAAGGCATCAAGGTGGTGGTCGACGATTTCAGTGATGTATCGGTCGTACT
TCTTCTCTTCGTTGTGGTTGATGTGTACCATGCCCAAGGCTGGGCTTTGCTTCTGGATTG
CGACTCTTGTGTGCGTGACAGGATCAGTCTTGTATTGGATCTGTACCAGTAGGGCATCTC
CACGGGGTATAAACTCGTACACTTTCACTGGTATCCGGGGCATGCTGTCCTGACCACATG
TCATCATCACGGTTAGTTCGACGCTCCCCCATTGCTGGATGTACTGAGTCACAAAGTGCG
TCAAGTTCGCGTCCTCATGCATCTGCGTGACTAGAGAAGGTAGAAAGTACGGCGACAAGT
CGATCAGCTTCAGCCGGTTGCATCCAAGGCCGCAATCGGCATTCGGTCGCTGTGATCGCT
TAAAACAGCGCTCGCATATATCGCCTGGCCCACATTTATCTCTCTGCAACACGCAGTGCC
AGCATGCAACGATCTTGCGCATGTCATGCGCTGCTTTGGCAACAGTTGGCTCGAGATGGG
TGCCTAACGCCCTGCCCCCAGACTTCGCCGCTAATGCTTTTTGTGCTGCACTCTGGGACG
ATTCTGGCTCAGGAGATGCATCAAAGCTTGTCTCTGGCACACCGCTCATGACGGAGTAAT
CGACTTTGATAGGAGGTTGTTGGGCTTGTTGTATCTGCGACAGTTGTTGCATATGAGCAT
ATGGTGGAGGCTGATACTGGTCGAACATCATTCCAGGGTCAGAATGCTGGTACGAGGAGT
ACATGCCGTCGGAACTTCCTGGACTGGGTGCAGAAGGGCTAATCTCTGGCTGGTACGGGG
ACCTTGGAGGGTAACCTGTTGACGATGCTGTCGACGGTGGGGCAGGGAATTGGTTGCTAG
TGATGTAACTATCTGTAAAAAGACTAGACGATGCGTTGTAGTTGACGAAGTTCTGCTGGT
CAGGTGGTGGTGATGCCCGCGTTAGTTGCATCTCAATCGATTGATGAGTCGGTAGTTGCG
TCCGTGGTACATGGTCGTATGAGTGATGAGGATGGTTCTGCCCTTGCGGGAAGTACAGGT
CCCCTTGGAACGATGTAGTAGGCTCGCTGGGCGAGATCAAGGAGGAAGGATCCGTGTATT
GAGCTGCCCATGAGTCTACATCGATCAAGTAATCTGAATAATTGATATGGTCGCTCGCAG
GGTCGAAAACGACATGACCGGATCGAGGGACCATCGAAGAACGCGAAGGTGCTTGTCCGT
TCCAAGGGTCATGACGAGGTGGCTGAGTAGTATAGTTCTGGTTGAACATGTTTGTCTGAG
GATGTAGTGGTGAAGTGTGGTGCGAATGTTGAGTTTGCATAGCATACTGTTGCTGATATT
GTTGAGCCTCAGCCATTGTAGCGTTGAAGGCCGCTTGTACCGCTGTGAAGGCGTCAGCAG
ATATGTACGAGCTGGCTCAAGACAACTAACCTTGGTCACTGAGTATCATGCTGGAGTCCA
CCGCCGGTATAGAGTGATATGAGCTTTGGGTTGACATGGTGTTGCCGTTGTGGTGGTAAG
TGGGCGAGAAATCAGTCATTTCCCCCTCAAAGGATGAGCCGTCGGGTGTCCTTACGGATG
TAGGAGAAGTCGAAGAACTATCATTCTCCCATTGCATATACTCGGGCGGTTGATCTTGAG
GTAGTTCCAGCTGTTGCGATAGATTGCGGCTCGCCAGTGGTGGGGTCGCAAGTGGGCCAG
GGGAATGCCCAGTATGGTTGATCAGGGAGTCTGTTGGTGTTTTCGACCGTCGGTTATCAT
ATTGACCATATCCAAATGCATGCGGATCGATGAAAACCGGTTGTTCCTGGTACGGGTGGT
AGTGCTGCGAGTATGTCGACATGGTGCGCAAGTGGCCGCTGGGGGCCGGATAGATGTTAG
GTTCTTCCTAGACCTTGCGCATCAAACGGCTGTGAGAATCCTGTGTGGGTTGATGTCCCA
GTGCTCGACACACGGACTGAAGATCGTGAAGACGGGAAGGCAAACGGCTCGTACCCGCGC
AGAACAGCGATGCGCAACAGGGAACGACGCGCGGGACAGGTCCGACCAGAATGAGGGACG
TCCACCGCGACTCGAGGAGGACGCGCAAGAAGAATCTGTCTCAGAGCAGCTGATTGTCAG
AAGTTCAGATGGCGATTAGTCTGGCGGCATTCAAGCCCATCTTACGCTGCCCCGCGAGGA
CCGGTGAAGGACGACCGGCAAATGCAAGCTATTGGCTTAGCTGCATGCATCCGCACAGCT
TTTAGATCGCACCAAACCGCAACCAACGTTCGTGCTGCCTCCGCGCTGCGCTGCAAATCA
CCGACTGTTTGAAACTGAAATAGAATCGCGAAAGTGGCTGGTCACGTCCAATTTTGCGCT
TTTGAGTCGCGATTTTCGCTCGTTCTGTGAGCCGAATTCTGAAACACATGAGGTTGTCCC
CAGCCGCCTCGACGTGCCTCAGGCATAGGTTTATGCAATGCACTGCACAGCCTGCGCCTT
GTTCGCTAAACCATACCTCATCAAATTCAGCCTTGGTGGAACGAATGAAGGTCGTACTGA
AGGTGATGGCTGGTCGAGCAACTGCGAATTACGACCTAGTGCGGCTCTGCAGTGCTCACC
GGTTGGCAAGCTGCCAGCTCATGCTGCGGGGGATGACATATGTACGGGAACCCAGTCCAA
TTGTTTTACTCCGGTAATATGTCATACCATTGTTTCTACCCGGATGCGCGCATCGATGGG
ATGTGAGCGCTCTGTGTAAGATGGCCTGTCGACTGCCAGCGCACACTGGTGGAAGGTAAG
GTAAGCCGAACCACGAAGCGGCTGCCGCGCATGATGTATTGCTCGACGTGCTTGACTCGT

ATATCCGGACAAAAACCTAGAGATGCGACTGTTGGGGTTCTCACAATCTTGCAACGAAAG
AAGATGCACCAGAAGTGCCATGGATATATGTAGGCCTGTCGCTTTGCGTGGGCTCGTAGA
CCTATCTGAGAGGGCACTCGAGATCACGTACTCCAATCGGGTCTATGCCCAAACGAGCCT
AGAGAGTGGGTAGTACCGATGCGGAACATGATCTTCGCATGACCGGCTTCTACCACGAGA
CAACAATTAGCGTCAAAAGTGGACTGCGCCACAGGAAACCCTAACAATATCGTCATTTTA
CAATTGGACCTCATAGAATCCCTGTAGGCAGGGAGAAGATGCAACACATACTTCATAACG
TGAGAGCAACCGGGCCGCGATCGGCGTCACATTCAATTATTGCCTCACGTATGCCCCACG
ATTGTCGATGAGATGCTAGTGAGTGTCTTCAGAGAGCTAACTCGCATCGCACGCTGCGAC
ATCCTGGAGGCAGGAACACGACTGGTCCTGATCCAATGGATGAGAGAACAGCTGGCACAG
ATGTGGAGATTGGTGGTTCGGAACCGCCTTTCGCTACGGAGTACCACGACTTGGAGCAAA
CATGAAGGCACTCTACCCTCGCGGACTGCCATACTAGGAGCCGTGCAATATTACCAAAAC
AATTCCTGTCTAGCTACCACGAGGCTGTGCATATCTGAGCAACTCCGTGTCCTTCATCAA
TCGATCATGGCATCCTTTTTCCAAGCACACACATACCTCAATACCTTCGTCGACGGCATT
GTCCTTGACATCCGCCCTGCTTGGGTATACAAAAACATAGCCTTCGAACTGGGGATCCGG
AAACCGGATGGCTTTCGCAACACCAAAACCGAAATCGTGTTTTTGGTATACATTCATGCC
TTGCCAGCTCGTGCCCGCCAAGTCCATACCCAGGAACGAGCTCATATTAATGCTTATCCA
TCGTCTATCGTCTAGTCCTGCGATCCACTCAGGTAGCTCAGCGACGTACTGTGGAGTGAT
GGTCTTGATCGAGTTTCGCACTCTTTGCGCAATTTCCGGAAGATTATTTTCGGCGATGAG
TTCGGAAATCTTTATTGGCTCCGTGCGGGGAAGCGCGACTGCATTGCCCATCATTGTCTC
TTGCAAAGGCGGATCCAGTATCTTTCGTGTATTTACCGCGTGTACCAGTATGACCTCCTT
GGCAAGGTCAGGGTGCAGAAGGTCGAGCTTGGATCGTGTGATGCTCTTCCAAAGAATCGA
CATTATTGCATCGTAGGTCGAGATCCAACTTTCTCCTGTCTTCGCCATCGCTTGAGATTT
GAGTTGCTCCGTCTTACTCTTAGGGAAATGCCACATCCGGATAGCCAATTCTGGCATCTT
GAAATCAGCCGGTGGTGGTGGAGGGGGTCCACCGCCATCCTTGAGCACAGGAAACTTGCG
GTCAAGTTCTTTCCACCGCGCAGCTTCCGGTTTCTTCGCACTGAGACGCGATCGATCCAT
TGTACCATGGGGAACTACTTCGAAGGCATTCCCATTGATCACTGCTTTGGAATTCCTCGC
CCAAGTAGTGAGAAACCCGTCGCATCCTGGGCCATCAGAACAGTTATGGTGGATAGCAAT
ACCAAGTACAAGACCGCCTTTGATGAAGTTGATCTGGAATGTCGATATAATGAGATCGTC
TTTTTGATTATCCCCAAGAGGCGAGAATAGCTGTTTCTCTGTCACCGCTTTTGGCAAGAG
CAAGTGCCCTTTGAAAGTTGCGGCGGGAAAATCGGTCCTATCCAGCTCATCGAACGACGG
GAAAGTCTCTTCCAAGTCCTGCACGAACAGACTAGCCTCACCATCCTTCTTTTTCGTCAC
CCACAATCGACCGTTCTCCGCATCCATCTTCAAGCCGCCGGCAAGGATGGGGAACTGACT
CAAGGTAAATTCCAGACCCTTGGCCATGCTGTCCACAATCTCAGCCTTGTCCACGGGTTG
TGTGAGCCTAAATATCTCTACTATCTGGACATAGATCTTCGGCATCGTGTGATCCATATC
AGAGAGAGCGAACCGCTCTTCTGCGGGAGCGTTCTCCCAGCCTGCTGGGCGGATTCGAAT
TTCTTTCGTAGACATGGTAACTTGCTGAGATGAGACTGAATTGGGGCTGGACAGCTACAG
ACCTTGCAACAAATGAGAGGTAAATGAGTTTTACTTAAAAATCCAACCGCCAGGAACGAA
GGATTTCACCAGACCACTATGTCAAGACCTCAACGCCGCATGCACTGCATTGTCGAGGTC
ACCAATTGTGCAGCGTTGGTAGGGCACTACGTCGGTGCGAGTTCCTACATTCGGCAAAGC
ACTATTACTGACTCGCTCGCCATGCCTTTGCATCGAATAGGAACCGCGTGCTGAATTTAA
GCGCAGCAAGTGGGAACGGCTGCGAGACGAGCTTGATCCAAAGCGAGCTTCATCGGGTGC
AGACTTCCTCAACGTCCAGCCCCAGGTTTTGTGAGATATCATGCCGCGCTACCAATTGAC
TTCAGGCTGGTCATATTTCCTCCGATTACTTATTCTGTAACAAAAGGCTTGAACATGAGT
CGGTTTCACACCAACGCCATGGAAATAATGTCGGGTGTCACCACGCCTCTACGTCACATA
CTGTTACATAGACTACGCGCCATTGCATACGTCACACGACAGGATAGCGTCTTTGAGGTC
GTGATAACCAAGTGTCGCATCATCACTGCGATATGTTGGGCCCGAAAGATGAGGCAACGG
GCGTCAGTAAGGTTATGTCTTATAGCTAACCACGCGGGACTGGATTGGTCCTTTTCAGCT
GGATGCAGCTCTACTCTAGTCTGTCTCAGTATATAGACTTAACGCTTGATCCAGTCATCG
CTTCCAGTTTGCGGAGGAGCTCATAAGTTCTAAATCTTGCTATAGGTATGATATTCCGTG
GATGCATTCGTCGCATTTGACGAGAAGAAAAGCAGAAAACGGAAGCCGCCAGTGCATTTG
GGTTGAGTCGTGCTGTCGTGTTTTGTAGTTCTGGAAGAAGTGAGCTGTGGCCTGACTTTT
CCGCTGAGCCACCGCGTTTCTGCAAGCAAGCCCTCCCAATAACCCGGCGGACAGCAATCT
TACCACACCGATCATTACAAACATAAATCGCTTGCGTATTGCTCATTTCAATGTACTACC
GTACCGAGCGTTTGCTCTATGAATCTTAGTTTCGCATCTGAAAATCATAAAACAGCCTTT
TGTCAACGACTTATATCAAACACGAAAGCTGGAGGCCTGCATTGGTTTGTGCTTCGCTAT
TCTGCTAAGACGAAAATATGCCAACACCTCCAGGACATGTTGTGAGTATGAAGACTTAGG
AAATTGGAACTTCGTTGATTCAGTCCGATGCTCCGTGTGACGGGCTTTTACTCCGCGTCG
AGCTCCATTGGGAAGGGATCGGCAGATCGTTGCTTAGGCGTCCTCTCTCCGCTATCATAA
GCCAATGGCAAAGAAGTTGACAGTCGCTAGCGCCCCACCATCTAAACCTGGCACAGTCCT
CATTTTGCTTTTACGATGGAAAGCTGCTGCCGGAATAATCTATCGAACTCCATGAATGTA
TGTTCAATGTTAAGTGATACGTAAGTTTTGTGTGCGAAGTAGGCTTCTCCACACTGTCAC
TTACAACACCCGAATGTCCGGAGAATCAGCCGTTATGCTGCGGAGGAACGGGAAGCTAAG
GTTAGTCATTCCGACTGTCGCAATTGAGATGAGATGCGTTGTGGATGGGAACTAATGCTT
CACTCACAGGTCATGCGAACCATGTCGCATTTCGAAAATCAAGTGCGACCATGCCACACC
GACGTGCTCAAAGTGTCAAGCACGTGGGATGACAGAGCATTGCTTCTACCATCCGAACCC
CATGACTAAGCCTGCTGGTACTCCACGCAAGAAGCCAGAACCACGTCGTCGGAGATTAGA
TGGGCATGCTTCATCGTCCAGCCAGGGGAGGCTGACGCCCCTGACACTGAGTCCACCAAC
ATTGAGGAACGATGCTGGATTCGTCCCTTGGCCTACCCCTCCAGAATCTGCTACGAGAAC

AACACAAAGCGGACCCGACCCATCAAGGAACTTCTTTTTGGGTTCCACGAGTTATGCTGC
TGTCTTCACAGAAGAGCAGCCCTTGCCAGAGACAGTGCATGAACAGCCATCTGAGAGACT
GAGTATAACTCCTTTGGCGTCGAGTAGAGGTATGGGACATCGACACTGCCAATTTTCGCT
TGGAGACACAATCGTGTCTACTCTCCAACCCTTCTCGTTTTTTGAAAGGTCTCTTGATAT
GTACTTTGCTATGCACAAGGACCCTGCTCTCGTTGGTCCACTTTTCCTCTCTGCAATGCC
ACAGCTGCGTAAAGACGTAGAACAGCTCCACGCTGCTGGTAGTCAGGTATATCCTCTATA
CGCGGAAATTACAAGGAACTCCGCTCGACCCATGAAGATCCCTTCGGATATGCGGCCATC
GGAGTTTCACACGCTCTTCACAGGCAAGAACTTGAGATGGGACACGTTAGGCTTGATCCT
GGCGATTGCCGGCTCTAATGCCCAATACACATCACCCAATGATCCTCTGTTCACGCTAGA
AGACGGCAAGCAAATGAACAGAGAGGAGTTCATTGAAGACGTAATGCACGCAACCAACAC
ATGCATCAACATCTGCGAAACACATGGCGCCGTGAATGAGCTCATGACATGTCTCATCTA
CATCAACATGATGGTAGTTAGTAGTTTTTATGGAGATAACCGTGCGTCGATCTATATTCT
TGAGAGCTGCATCACAACGGCTGACACGTCTAGATCATGCCACATGGAGGCGTATGGGCG
ACAGTGTTTCTGCTCTCTACGCCGCAGGCATACATTGCGAAGCCTGTAATGGAGATGGTG
CTAACGCAGAACCGTTCTTTATGCGCGAGTTCAGAAGACGACTCTACGCAGCCATATATC
GCTCCGACAAAGCCTTAGCTGTGTTCTATGGACGACCTCCAATGATGGGTTGGAGGTATA
GTGACCGCAAGATGTTATTGGACATTAGCGATCAGGCTGTGACTTCAGAGGATCCGGACG
TACTGAATGCTGAGCTTTCGAAGCTAGACAGCGCAGGCTGGAACACAGAAGGGCATCTTC
ACCCTGCGACCTTCGGCAGAATGAGGTGTCAACTTGCTGTTTTCAAGGAGAGGCTGCTAG
AGCAAACTTTGGCAGGTGAGAAGGATAGTGATGTGGTGCAGAACGTAGAGTACGTCCGAC
CCTTGAACTTTTCTCTACATTCGGCTAACACTATCAGAGCGATATCTGCTGAATGTACAG
CATGGTGGAACGCATTGCCAACGCATCTGAGATACGACACCTACACGGAAGAGGCTGCCT
GGGTAGGGCGTGGTCCTGGTCTAGCTATGCGACTAACCGCTTACTATCTGGACTACTTGC
ACGTCCATTTTCAAACGCAGCGTCTACTTCACCGGATCACGCAACAGGCGCTCCCAGCAC
TATTGGAGGTGTCGCTAAAGATACTCGTTACATCCCTTATATGTACCAAACCGCAAAATA
GCGATTACGAAATTCGTCGCCACTTCCCCACTGTTATATTATTCTACTGCTCACCCGCCG
CCGGTGTCCTAGCATTAGAGCTTCGAAGATGCACGATTGAAGGCGTACCATTGCCTGATA
CAATAACTCGAGCAGAGGTCATCCGAAATCTTTCCGTGCTAACCTCGTGTCTGGAATGGA
TAGTTCTTCCCGGCGACGGAAATCACAAACTGTGCAGCGAGCTCAACAAGATGCTTGCAC
TGGTGCTCGAGGAAGTCCTCAATTACGTGCCTCCAACGAATGGCGAGCAAGAACGGGGCG
ATGACGCTGCAGTTATGACTGGAGCGGGGCAAGGCTTCTTCGACATGCCTATGATTGAGG
GTTTGGAACCTATACCAACTGAGAGTGAGGACTTTCTAAATTGGCTGGACAATGCAACGT
GGAACAATACGGTAAGACAAACAAGTGTAAACATATTCAGGGCCTGCTAACTTGACCAGG
ACATATTCTAAGCGGGTCAAGGATACCACTTTGACCAGGAACTAGAAACGCGGTACATAC
TACAGAACGCCAGGCGCCTACATATACACGAAGCTGGATCCGATACTGAAAAAGCCTTCG
ATGGCTTCTTCGATGCTCCAGACGTATGCTATAAGCACACGCAATGCCCGATGTGTGGAA
CTTGACAACCATTATCTCGATAACCCCGATAACATCTCTCTCTCTC
>AATCTG00103|contig:VBI.454.1:AATCTG00103|1:203451:1|Alternaria
alternata_atcc66891
TGTTATCGGGGTTATCGAGATAATGGTTGTCAAGTTCCACACATCGGGCATTGCGTGTGC
TTATAGCATACGTCTGGAGCATCGAAGAAGCCATGGAAGGCTTTTTCAGTATCGGATCCA
GCTTCGTGTATATGTAGGCGCCTGGCGTTCTGTAGTATGTACCGCGTTTCTAGTTCCTGG
TCAAAGTGGTATCCTTGACCCGCTTAGAATATGTCCTGGTCAAGTTAGCAGGCCCTGAAT
ATGTTTACACTTGTTTGTCTTACCGTATTGTTCCACGTTGCATTGTCCAGCCAATTTAGA
AAGTCCTCACTCTCAGTTGGTATAGGTTCCAAACCCTCAATCATAGGCATGTCGAAGAAG
CCTTGCCCCGCTCCAGTCATAACTGCAGCGTCATCGCCCCGTTCTTGCTCGCCATTCGTT
GGAGGCACGTAATTGAGGACTTCCTCGAGCACCAGTGCAAGCATCTTGTTGAGCTCGCTG
CACAGTTTGTGATTTCCGTCGCCGGGAAGAACTATCCATTCCAGACACGAGGTTAGCACG
GAAAGATTTCGGATGACCTCTGCTCGAGTTATTGTATCAGGCAATGGTACGCCTTCAATC
GTGCATCTTCGAAGCTCTAATGCTAGGACACCGGCGGCGGGTGAGCAGTAGAATAATATA
ACAGTGGGGAAGTGGCGACGAATTTCGTAATCGCTATTTTGCGGTTTGGTACATATAAGG
GATGTAACGAGTATCTTTAGCGACACCTCCAATAGTGCTGGGAGCGCCTGTTGCGTGATC
CGGTGAAGTAGACGCTGCGTTTGAAAATGGACGTGCAAGTAGTCCAGATAGTAAGCGGTT
AGTCGCATAGCTAGACCAGGACCACGCCCTACCCAGGCAGCCTCTTCCGTGTAGGTGTCG
TATCTCAGATGCGTTGGCAATGCGTTCCACCATGCTGTACATTCAGCAGATATCGCTCTG
ATAGTGTTAGCCGAATGTAGAGAAAAGTTCAAGGGTCGGACGTACTCTACGTTCTGCACC
ACATCACTATCCTTCTCACCTGCCAAAGTTTGCTCTAGCAGCCTCTCCTTGAAAACAGCA
AGTTGACACCTCATTCTGCCGAAGGTCGCAGGGTGAAGATGCCCTTCTGTGTTCCAGCCT
GCGCTGTCTAGCTTCGAAAGCTCAGCATTCAGTACGTCCGGATCCTCTGAAGTCACAGCC
TGATCGCTAATGTCCAATAACATCTTGCGGTCACTATACCTCCAACCCATCATTGGAGGT
CGTCCATAGAACACAGCTAAGGCTTTGTCGGAGCGATATATGGCTGCGTAGAGTCGTCTT
CTGAACTCGCGCATAAAGAACGGTTCTGCGTTAGAACCATCTCCATTACAGGCTTCGCAA
TGTATGCCTGCGGCGTAGAGAGCAGAAACACTGTCGCCCATACGCCTCCATGTGGCATGA
TCTAGACGTGTCAGCCGTTGTGATGCAGCTCTCAAGAATATAGATCGACGCACGGTTATC
TCCATAAAAACTACTAACTACCATCATGTTGATGTAGATGAGACATGTCATGAGCTCATT
CACGGCGCCATGTGTTTCGCAGATGTTGATGCATGTGTTGGTTGCGTGCATTACGTCTTC
AATGAACTCCTCTCTGTTCATTTGCTTGCCGTCTTCTAGCGTGAACAGAGGATCATTGGG
TGATGTGTATTGGGCATTAGAGCCGGCAATCGCCAGGATCAAGCCTAACGTGTCCCATCT

CAAGTTCTTGCCTGTGAAGAGCGTGTGAAACTCCGATGGCCGCATATCCGAAGGGATCTT
CATGGGTCGAGCGGAGTTCCTTGTAATTTCCGCGTATAGAGGATATACCTGACTACCAGC
AGCGTGGAGCTGTTCTACGTCTTTACGCAGCTGTGGCATTGCAGAGAGGAAAAGTGGACC
AACGAGAGCAGGGTCCTTGTGCATAGCAAAGTACATATCAAGAGACCTTTCAAAAAACGA
GAAGGGTTGGAGAGTAGACACGATTGTGTCTCCAAGCGAAAATTGGCAGTGTCGATGTCC
CATACCTCTACTCGACGCCGAAGGAGTTATACTCAGTCTCTCAGATGGCTGTTCATGCAC
TGTCTCTGGCAAGGGCTGCTCTTCTGTGAAGACAGCAGCATAACTCGTGGAACCCAAAAA
GAAGTTCCTTGATGGGTCGGGTCCGCTTTGTGTTGTTCTCGTAGCAGATTCTGGAGGGGT
AGGCCAAGGGACGAATCCAGCATCGTTCCTCAATGTTGGTGGACTCAGTGTCAGGGGCGT
CAGCCTCCCCTGGCTGGACGATGAAGCATGCCCATCTAATCTCCGACGACGTGGTTCTGG
CTTCTTGCGTGGAGTACCAGCAGGCTTAGTCATGGGGTTCGGATGGTAGAAGCAATGCTC
TGTCATCCCACGTGCTTGACACTTTGAGCACGTCGGTGTGGCATGGTCGCACTTGATTTT
CGAAATGCGACATGGTTCGCATGACCTGTGAGTGAAGCATTAGTTCCCATCCACAACGCA
TCTCATCTCAATTGCGACAGTCGGAATGACTAACCTTAGCTTCCCGTTCCTCCGCAGCAT
AACGGCTGATTCTCCGGACATTCGGGTGTTGTAAGTGACAGTGTGGAGAAGCCTACTTCG
CACACAAAACTTACGTATCACTTAACATTGAACATACATTCATGGAGTTCGATAGATTAT
TCCGGCAGCAGCTTTCCATCGTAAAAGCAAAATGAGGACTGTGCCAGGTTTAGATGGTGG
GGCGCTAGCGACTGTCAACTTCTTTGCCATTGGCTTATGATAGCGGAGAGAGGACGCCTA
AGCAACGATCTGCCGATCCCTTCCCAATGGAGCTCGACGCGGAGTAAAAGCCCGTCACAC
GGAGCATCGGACTGAATCAACGAAGTTCCAATTTCCTAAGTCTTCATACTCACAACATGT
CCTGGAGGTGTTGGCATATTTTCGTCTTAGCAGAATAGCGAAGCACAAACCAATGCAGGC
CTCCAGCTTTCGTGTTTGATATAAGTCGTTGACAAAAGGCTGTTTTATGATTTTCAGATG
CGAAACTAAGATTCATAGAGCAAACGCTCGGTACGGTAGTACATTGAAATGAGCAATACG
CAAGCGATTTATGTTTGTAATGATCGGTGTGGTAAGATTGCTGTCCGCCGGGTTATTGGG
AGGGCTTGCTTGCAGAAACGCGGTGGCTCAGCGGAAAAGTCAGGCCACAGCTCACTTCTT
CCAGAACTACAAAACACGACAGCACGACTCAACCCAAATGCACTGGCGGCTTCCGTTTTC
TGCTTTTCTTCTCGTCAAATGCGACGAATGCATCCACGGAATATCATACCTATAGCAAGA
TTTAGAACTTATGAGCTCCTCCGCAAACTGGAAGCGATGACTGGATCAAGCGTTAAGTCT
ATATACTGAGACAGACTAGAGTAGAGCTGCATCCAGCTGAAAAGGACCAATCCAGTCCCG
CGTGGTTAGCTATAAGACATAACCTTACTGACGCCCGTTGCCTCATCTTTCGGGCCCAAC
ATATCGCAGTGATGATGCGACACTTGGTTATCACGACCTCAAAGACGCTATCCTGTCGTG
TGACGTATGCAATGGCGCGTAGTCTATGTAACAGTATGTGACGTAGAGGCGTGGTGACAC
CCGACATTATTTCCATGGCGTTGGTGTGAAACCGACTCATGTTCAAGCCTTTTGTTACAG
AATAAGTAATCGGAGGAAATATGACCAGCCTGAAGTCAATTGGTAGCGCGGCATGATATC
TCACAAAACCTGGGGCTGGACGTTGAGGAAGTCTGCACCCGATGAAGCTCGCTTTGGATC
AAGCTCGTCTCGCAGCCGTTCCCACTTGCTGCGCTTAAATTCAGCACGCGGTTCCTATTC
GATGCAAAGGCATGGCGAGCGAGTCAGTAATAGTGCTTTGCCGAATGTAGGAACTCGCAC
CGACGTAGTGCCCTACCAACGCTGCACAATTGGTGACCTCGACAATGCAGTGCATGCGGC
GTTGAGGTCTTGACATAGTGGTCTGGTGAAATCCTTCGTTCCTGGCGGTTGGATTTTTAA
GTAAAACTCATTTACCTCTCATTTGTTGCAAGGTCTGTAGCTGTCCAGCCCCAATTCAGT
CTCATCTCAGCAAGTTACCATGTCTACGAAAGAAATTCGAATCCGCCCAGCAGGCTGGGA
GAACGCTCCCGCAGAAGAGCGGTTCGCTCTCTCTGATATGGATCACACGATGCCGAAGAT
CTATGTCCAGATAGTAGAGATATTTAGGCTCACACAACCCGTGGACAAGGCTGAGATTGT
GGACAGCATGGCCAAGGGTCTGGAATTTACCTTGAGTCAGTTCCCCATCCTTGCCGGCGG
CTTGAAGATGGATGCGGAGAACGGTCGATTGTGGGTGACGAAAAAGAAGGATGGTGAGGC
TAGTCTGTTCGTGCAGGACTTGGAAGAGACTTTCCCGTCGTTCGATGAGCTGGATAGGAC
CGATTTTCCCGCCGCAACTTTCAAAGGGCACTTGCTCTTGCCAAAAGCGGTGACAGAGAA
ACAGCTATTCTCGCCTCTTGGGGATAATCAAAAAGACGATCTCATTATATCGACATTCCA
GATCAACTTCATCAAAGGCGGTCTTGTACTTGGTATTGCTATCCACCATAACTGTTCTGA
TGGCCCAGGATGCGACGGGTTTCTCACTACTTGGGCGAGGAATTCCAAAGCAGTGATCAA
TGGGAATGCCTTCGAAGTAGTTCCCCATGGTACAATGGATCGATCGCGTCTCAGTGCGAA
GAAACCGGAAGCTGCGCGGTGGAAAGAACTTGACCGCAAGTTTCCTGTGCTCAAGGATGG
CGGTGGACCCCCTCCACCACCACCGGCTGATTTCAAGATGCCAGAATTGGCTATCCGGAT
GTGGCATTTCCCTAAGAGTAAGACGGAGCAACTCAAATCTCAAGCGATGGCGAAGACAGG
AGAAAGTTGGATCTCGACCTACGATGCAATAATGTCGATTCTTTGGAAGAGCATCACACG
ATCCAAGCTCGACCTTCTGCACCCTGACCTTGCCAAGGAGGTCATACTGGTACACGCGGT
AAATACACGAAAGATACTGGACCCGCCTTTGCAAGAGACAATGATGGGCAATGCAGTCGC
GCTTCCCCGCACGGAGCCAATAAAGATTTCCGAACTCATCGCCGAAAATAATCTTCCGGA
AATTGCGCAAAGAGTGCGAAACTCGATCAAGACCATCACTCCACAGTACGTCGCTGAGCT
ACCTGAGTGGATCGCAGGACTAGACGATAGACGATGGATAAGCATTAATATGAGCTCGTT
CCTGGGTATGGACTTGGCGGGCACGAGCTGGCAAGGCATGAATGTATACCAAAAACACGA
TTTCGGTTTTGGTGTTGCGAAAGCCATCCGGTTTCCGGATCCCCAGTTCGAAGGCTATGT
TTTTGTATACCCAAGCAGGGCGGATGTCAAGGACAATGCCGTCGACGAAGGTATTGAGGT
ATGTGTGTGCTTGGAAAAAGGATGCCATGATCGATTGATGAAGGACACGGAGTTGCTCAG
ATATGCACAGCCTCGTGGTAGCTAGACAGGAATTGTTTTGGTAATATTGCACGGCTCCTA
GTATGGCAGTCCGCGAGGGTAGAGTGCCTTCATGTTTGCTCCAAGTCGTGGTACTCCGTA
GCGAAAGGCGGTTCCGAACCACCAATCTCCACATCTGTGCCAGCTGTTCTCTCATCCATT
GGATCAGGACCAGTCGTGTTCCTGCCTCCAGGATGTCGCAGCGTGCGATGCGAGTTAGCT

CTCTGAAGACACTCACTAGCATCTCATCGACAATCGTGGGGCATACGTGAGGCAATAATT
GAATGTGACGCCGATCGCGGCCCGGTTGCTCTCACGTTATGAAGTATGTGTTGCATCTTC
TCCCTGCCTACAGGGATTCTATGAGGTCCAATTGTAAAATGACGATATTGTTAGGGTTTC
CTGTGGCGCAGTCCACTTTTGACGCTAATTGTTGTCTCGTGGTAGAAGCCGGTCATGCGA
AGATCATGTTCCGCATCGGTACTACCCACTCTCTAGGCTCGTTTGGGCATAGACCCGATT
GGAGTACGTGATCTCGAGTGCCCTCTCAGATAGGTCTACGAGCCCACGCAAAGCGACAGG
CCTACATATATCCATGGCACTTCTGGTGCATCTTCTTTCGTTGCAAGATTGTGAGAACCC
CAACAGTCGCATCTCTAGGTTTTTGTCCGGATATACGAGTCAAGCACGTCGAGCAATACA
TCATGCGCGGCAGCCGCTTCGTGGTTCGGCTTACCTTACCTTCCACCAGTGTGCGCTGGC
AGTCGACAGGCCATCTTACACAGAGCGCTCACATCCCATCGATGCGCGCATCCGGGTAGA
AACAATGGTATGACATATTACCGGAGTAAAACAATTGGACTGGGTTCCCGTACATATGTC
ATCCCCCGCAGCATGAGCTGGCAGCTTGCCAACCGGTGAGCACTGCAGAGCCGCACTAGG
TCGTAATTCGCAGTTGCTCGACCAGCCATCACCTTCAGTACGACCTTCATTCGTTCCACC
AAGGCTGAATTTGATGAGGTATGGTTTAGCGAACAAGGCGCAGGCTGTGCAGTGCATTGC
ATAAACCTATGCCTGAGGCACGTCGAGGCGGCTGGGGACAACCTCATGTGTTTCAGAATT
CGGCTCACAGAACGAGCGAAAATCGCGACTCAAAAGCGCAAAATTGGACGTGACCAGCCA
CTTTCGCGATTCTATTTCAGTTTCAAACAGTCGGTGATTTGCAGCGCAGCGCGGAGGCAG
CACGAACGTTGGTTGCGGTTTGGTGCGATCTAAAAGCTGTGTGGATGCATGCAGCTAAGC
CAATAGCTTGCATTTGCCGGTCGTCCTTCACCGGTCCTCGCGGGGCAGCGTAAGATGGGC
TCGAATGCCGCCAGACTAATCGCCATCTGAACTTCTGACAATCAGCTGCTCTGAGACAGA
TTCTTCTTGCGCGTCCTCCTCGAGTCGCGGTGGACGTCCCTCATTCTGGTCGGACCTGTC
CCGCGCGTCGTTCCCTGTTGCGCATCGCTGTTCTGCGCGGGTACGAGCCGTTTGCCTTCC
CGTCTTCACGATCTTCAGTCCGTGTGTCGAGCACTGGGACATCAACCCACACAGGATTCT
CACAGCCGTTTGATGCGCAAGGTCTAGGAAGAACCTAACATCTATCCGGCCCCCAGCGGC
CACTTGCGCACCATGTCTACATACTCGCAGCACTACCACCCGTACCAGGAACAACCGGTT
TTCATCGATCCGCATGCATTTGGATATGGTCAATATGATAACCGACGGTCGAAAACACCA
ACAGACTCCCTGATCAACCATACTGGGCATTCCCCTGGCCCACTTGCGACCCCACCACTG
GCGAGCCGCAATCTATCGCAACAGCTGGAACTACCTCAAGATCAACCGCCCGAGTATATG
CAATGGGAGAATGATAGTTCTTCGACTTCTCCTACATCCGTAAGGACACCCGACGGCTCA
TCCTTTGAGGGGGAAATGACTGATTTCTCGCCCACTTACCACCACAACGGCAACACCATG
TCAACCCAAAGCTCATATCACTCTATACCGGCGGTGGACTCCAGCATGATACTCAGTGAC
CAAGGTTAGTTGTCTTGAGCCAGCTCGTACATATCTGCTGACGCCTTCACAGCGGTACAA
GCGGCCTTCAACGCTACAATGGCTGAGGCTCAACAATATCAGCAACAGTATGCTATGCAA
ACTCAACATTCGCACCACACTTCACCACTACATCCTCAGACAAACATGTTCAACCAGAAC
TATACTACTCAGCCACCTCGTCATGACCCTTGGAACGGACAAGCACCTTCGCGTTCTTCG
ATGGTCCCTCGATCCGGTCATGTCGTTTTCGACCCTGTGAGCGACCATATCAATTATTCA
GATTACTTGATCGATGTAGACTCATGGGCAGCTCAATACACGGATCCTTCCTCCTTGATC
TCGCCCAGCGAGCCTACTACATCGTTCCAAGGGGACCTGTACTTCCCGCAAGGGCAGAAC
CATCCTCATCACTCATACGACCATGTACCACGGACGCAACTACCGACTCATCAATCGATT
GAGATGCAACTAACGCGGGCATCACCACCACCTGACCAGCAGAACTTCGTCAACTACAAC
GCATCGTCTAGTCTTTTTACAGATAGTTACATCACTAGCAACCAATTCCCTGCCCCACCG
TCGACAGCATCGTCAACAGGTTACCCTCCAAGGTCCCCGTACCAGCCAGAGATTAGCCCT
TCTGCACCCAGTCCAGGAAGTTCCGACGGCATGTACTCCTCGTACCAGCATTCTGACCCT
GGAATGATGTTCGACCAGTATCAGCCTCCACCATATGCTCATATGCAACAACTGTCGCAG
ATACAACAAGCCCAACAACCTCCTATCAAAGTCGATTACTCCGTCATGAGCGGTGTGCCA
GAGACAAGCTTTGATGCATCTCCTGAGCCAGAATCGTCCCAGAGTGCAGCACAAAAAGCA
TTAGCGGCGAAGTCTGGGGGCAGGGCGTTAGGCACCCATCTCGAGCCAACTGTTGCCAAA
GCAGCGCATGACATGCGCAAGATCGTTGCATGCTGGCACTGCGTGTTGCAGAGAGATAAA
TGTGGGCCAGGCGATATATGCGAGCGCTGTTTTAAGCGATCACAGCGACCGAATGCCGAT
TGCGGCCTTGGATGCAACCGGCTGAAGCTGATCGACTTGTCGCCGTACTTTCTACCTTCT
CTAGTCACGCAGATGCATGAGGACGCGAACTTGACGCACTTTGTGACTCAGTACATCCAG
CAATGGGGGAGCGTCGAACTAACCGTGATGATGACATGTGGTCAGGACAGCATGCCCCGG
ATACCAGTGAAAGTGTACGAGTTTATACCCCGTGGAGATGCCCTACTGGTACAGATCCAA
TACAAGACTGATCCTGTCACGCACACAAGAGTCGCAATCCAGAAGCAAAGCCCAGCCTTG
GGCATGGTACACATCAACCACAACGAAGAGAAGAAGTACGACCGATACATCACTGAAATC
GTCGACCACCACCTTGATGCCTTTGGCGAACTCTGTTGGATGGAAGACGACAACGACTTC
CAGCAGAAACTCTTCAAGTTGATGACGCGCGTAAAACCCAAGTCGGACGACGAAGCAAAG
CTACTGCGCGAGATCTTCCGCCTCATCGTAGTAACATTCATCATGTCGCATACGCTTACT
ATCGCCGAGGAAACGAAAGTCGATACACTATCGCGTATGCACTCGTACAGCGGCCACAAC
TCCTACGTCGAAAACTATACATCGCCGCGCATGACCAACCGGCAACTCAAATACTTCTTC
TCACGCCTTCAACGCTCGATCCAAACCACTGTTCTCAATAAGCTTCAACAGATCTTCAAA
TCTTCCAAAGGTTGTGACAAATGGCTTGCGGCATTTATTGCAGTGTTAGGAATGTGCATG
GCACTTGAAGACCAGCAAAAGACCATACATCTTGTCATGTCTACCAAGGCTACCACAGAG
GGCCTAGATCAAAGGGATGCGCAGAGCCAGGCGGATATCGCGTGCCGTGAGATCGATAAA
CGGATGCATTTTGTGCAGCAAATATTCCGATGGAAGTACAACCGCAAGCATAATCCCATG
CGTGATGCAGATCATGACTGGGAAAAAGAGGTGGGTTTTGGGGATGCAAACAGTGTGAAC
TTTGTGAGGCAGGTTGCGCAGTTAGTCAAGGAGAACAGTGAGTACACCGAATGCCGCTCC
GGCGTGGGCATGCCGGCTGAATATGTTGCTAATGAGAATTCAGTTGATTTCCTACAACAA

CGCCAGGCGGTTAGCATCTCGAGTGATAACCAGACGAAGTATACTTCACGCCTTGTGGGA
CAGTTCTTGCTTTCCTTCTGGCTTCCCAGCGTATAGGTCGCTTTGGTTGATTGGAAGGCT
TAACGTCCTTCTCGAGTCCACCACCGAGCACTGCGGGCGTTTGCAGTATCCACTTGAGGA
TGTCCTTTTGACGCGATTTTCACAATCTTTGTGTTGTGTGATAGTCCTTTACACCTTTTC
TTTTGTCGCGTTCGAGCCTTCGCGGTCAGGCTCATGCTCACCCTTCACTACTTCGCGCCA
TACAAAATACGTTGGATGAATTTTTCTGGTCTACGACTTTACGAACTTCACCGCATTCAC
GCTTCTACGGGAAACCGATCCATTCTTATACCCTTCGGTTTCGTCACGCAATGTCACATT
CTTTTCTTGGAGATCTGGAGGCCTGCGTCGTTGTTTGTAGCAGCAGCAACAGCAGCATAT
ATCATGAGTAGTCTAATGATGTTACACTTTTGCATGCCATTTCTTGTTAAAGCTATGTGT
TGTGATGTGCAGCGAATTACGATTGCGTTATTCCTCTTTTGCAACTGCCTTCGCGCTCGG
GTATACTGATCACGAATACTGTCACCTGCTCGCCTTATGACATGAAGGAGACTTCTAGCC
AGGGCAAGCCAGCGCTCAAAACAAATAGCTCCATTCAGATGCCAAGTAAAGGCCATTTCC
AGAACACGGACAATGTTAAGTAATCTACTCCCGTCCCGACATTCCAGGCGGAAGAGATCC
GAATGGCCTTTGCGCATCAACCGTACCTGCCGTATGCCCTCCAGTTACCAAGATCTACTT
CTAACGACCCGCAACGGCAGTGGCGCAATTGCGATCGCCGATTAAGTTCTGTCTACATTT
CTAGACCTACACTAAGATAACGCATTTCCGCATGTGTGCGTTGTCGCGAGCGCGAAAGCG
AGTAGACTCAAGCCTCCAATTCCATCATTTCGTGCTAGTGGTAAGCTTTGGTATGTCCCG
AAAGTCTGGAAAGTGGAGGCGGATGGACGTGTGGCGAACTAGGGTAATGTTGCTTGATGC
AGGGTAATAAGTTTGAGCTAGAGACGCCTGGATGGACGCCTGGAATGAGGAGGTATTCGG
ACCGAGGAATGCTTGATTATTATGAGGTGGTGTGTAGAAGAGGGGTATGTGACGGATGGG
TGCGGTGGTCTGTGAAGATTGGGGAAGACGGAGATCAAGTCTGATTGTATGTGTATTCGT
GTATTGAAGGAATGACATATAGGAATAAAGTCTCGGTCAAAACAAATGAAAAAGATGCTA
CCGATTAGGTAGTTGAACGCGCGCTCCAAGTCCTCCCATGTCATGAGTAACAGAAGAGAG
GAAATGCTAAACAACAGGTGGTATACCGAGAACTCCGTGGCAAAAATGCACAAGCAGACC
AAACGTCCCAGCCAACATTACTTCCATTACCGACAAATGAAACGCGATCAGATGGAATGA
ACTTCCGATCACACATGCAGTAGCTCACTTGAAGCTTGACTACAGTCGTCTGGAACTTCA
TCCTCGTCATCACTACTCTTCATCTCGCCTTTCTCAAGTTCTATGCTCATCCAGCGCCAG
TCTGAGATAGAGAAACTCTTCTTGTTACTATTGCGGCCAGTCAGCACTCTGCTCGCCGCA
AAGTAACAAGAGAAGAAAGCAGTGGTGGATTACCTACTACCTGGCCTTTGACACATTGGC
CTTTGGAGGGGTAGTTGCATTCGGAAAAAGAAGTGCAAGGCCCTCTTCCCAGCCCCTCTC
GGTAACAATGTCGATGACGGCCCGGCCGGCTTCGTCCTGCAATTGGAGGTCAGGAGGGCC
ACCCATGTCGATGAGAAGCTTGAGGATCTCAGCGTCTCCATTCTCGACAGCTTGCAAAAT
CGCGTTCCAGCCGCGGTGCATCTTGTTAATATCAGCGCCACGTGTAAGCAGCATCTGAAT
GATTTCTGTGTCGCCGGAGTAGCGGCGAAGGGCCTTGACGATCGGAAGATGCTCGCCGGG
GGCGTTGGGGTCGGCATTGGCTACGTCGAGGAGGTAGCGGACAATGACCTTACGCTCCTC
GCGAATGGCTGTTGTGAGTGGAGAGAAGACACCACAGTTTTTGTCTTCGACGCTGACGCC
TGCTGCAAGGAGGAGCTTAATGCTTTCAAGTTGGTTGGCTACGACAGCCATCTCGACGAC
ACCGCGGAAAGCGCGCGGGTTGGGAGTTGCAGCAAGGAGCTTCTTAAGGATGGCGGGACG
CTTGACGGCCATGCACAGAGGCCAGTCCTTTCCACGGATAGCTGGGTCCGCGCCACGAGA
AAGGAGGATATCGACGAGCTCGCCATGATCGTCGTTGATAGCAGTGGTGAGCGGTGTGCA
TCCGTCCGGTGTTCGATCGTTGGGGTTGACGCCTTGGTCGAGCAGGTAGATCATCGCGTC
CTTGTCGTTGAACTTGACAGCGGTTTCGATGATACCTTTAGGTTTGTTAAGGTCTGCACC
AGCTGCAACCAGTTGCGGTAGGAAATGTGTGCGCTTGTGTGTAATACTCTTGAAAGCTGG
GTATTCCGCTGCGTTGAAGTTTGGGTCTGCACCATGCTCTAGCAGATACGTAACAATCTC
GGGGCTGTTATCACGAATGGCCGAGCAAAGTGGTGTGTAGACGCCATCTTTCCGGACGTT
AGGAGATACGCCAGCTTCCATAAGGATCTTGATGGAGTCCAGCTTCTTCAAACTAGAAGC
CAATTCCATGACACCAGGCGTCTTCTTGGTGTCAGCACCGCGAGATAGCAGCAACTGAAG
GCACTTGGGCTTGTAAGTGGATGGCCAGAGTGGATGCTTAGGACCCGGAAGGTTGGGATT
CGCTCCGTGATCGAGCAACACCGTCATGAGATCTACACGGTTCGCCTGGATAGCCTGGAA
CAAAGCAGTTGTGCCTTCTCCATTCTTCGCATTGGCATCACCGTCCTTGCTCAAGAGCAT
CTCGACACACTTGGGCGAGGTGGTCTTGTTCATAGCTGAGACGAGTGCTGTAGAACCGTT
CTCCATGACGAAACCAGGATCGCCACCGTTGGCGAGGTATAGCTGGACGAATTCAATAGC
ATTCTGAGACACAGCCAGTGCTAGAGGTGACTCGGAATCAGGGCCGGCAGACAGATTAGG
ATCTGCTCCGTGCTTGAGGAGTATCTTCGCGCTTTCAAGGCACTGAGAACGAGTTGTCGC
AAACAGGGGAGTAACACCCTCACGGTCGAAACCATTAGCATCTGCGCCATATCGAAGAAG
TAGCATGATACTTTCCGCGTCCTGATTCTGTGCAGCGACGCGAAGCATCGCGGACTCCAT
GTGAGGTTCAGCCTTAGCTCCACCGTCTAGAAGCTGCTCTAGCATGCGATGTCTCCTCTG
CTCAACAGCATTGAATAGTGCTGCCTTGCCACCAACATTCTTTGAGCCTCCACTCTGGCG
AGGTGCCCAGTGCGGCGATGTGATGGCAGAGTCGACTTTAGACGAAGAGTGATGGTCGTC
CATATAGCGCTCGCTGACGCTGAGACCATGTAGTTTTTCTTCCATTGTGGGTGACCGAGT
GCTGGAGTGCGAAGCATAGTCCTCGTACACAGGATCCTCATGCCGAATATTCTGATGGTA
CATTGTATCTCTTGTTGATTCGCTTGAACGCGCACTGGCTGGCGCGCGCCAGTTTTTGTG
TAGATCTACGATTCCGGCTGATAGACCAGTGTCCTCATGTCTGAAATGTGAACTGTGACT
GTCATATGAGTGACCCTCCTCATGGCGAAGTTCATTCAAAGATGGTCTGTCCATACGGTG
CGAAGCATGTGAAGGTGGCAAGAGTGGGTGATCTCCATGATGGCTTGGAGCCTTCGTTGG
AGGTGTTGGTGGAAGATCAGATGTCGGCGCTGGGTGTAGAGGCGGAAGGCTGGAGGCTTT
GCTTGGGTTCAATCGCTCCAATGCAGCAATCAGTCCGGCGTATCCAATACCCATGGAGGC
ATCAGCTCGTGCATCGCCAAGTGTCCACCTGAACATGGCAGAGCTGACTTTGAGGGAGTC

ACGGCTCCGTGAAAGTGTGTGGCGCATCTTTTCAACGTCTGTATCGGCGAACATCATTCG
GAACTTCATACCGAATCCGCCTTTGTGGTTCTCTTTGTCGACAACTAATGCCGTCAGCAA
TAATTCACCGTAATTGTTTGAAGATTCAAGTTCAGAAATGAAGAACTCAAGAAACCAGAC
AAACTTACATTTGTTAACCATTTGGGCCAGAACAGAGAACTCTTCATTAACCTGACGGAC
CCTCCTGTCAAGTTCTTGAGATACCTCGACTGGGAATCCACTCCGTGTCTTGGACGCTTC
CGTAACTCCAGCTTCGATGGACCATAATACTTGGCAGAGCTCAATGAACTCTCTGGCGAG
TGGCTCGAAGCCATGAATAGGTGTCTTTGCAGTGCTCAGATATTCGAGCATGCGGATGGC
AATGGTGTTTCCCTGTGCATTGACCCGCTTGCACAGATCAACCGACGTTTCTTTTGCTGG
AGCCATAACGAAGATGGTAAAAATGAACGAATGCTGGGGAAATCAAAGAGACGAGCAAGC
GGGTCAATGAGGCTTCTTTACAGTGCACTCGAGGGCCCTGACTAAGAACTATCTCTGGCC
CACTGCAAATACCGTGGTAAGCCAGGCCGTCCGCCTGCTCTAGCCCGCATGAGCATCGAG
TCAAGGAGGCGCGGCCAGGGCGAATCGCGTCGTGTCATAGCCCTAAGTTTGTAGCGGAGG
CTCTAAAGGCCCGGAATAAGGTTTGGGTTATCGCCTTCGCCGGGGTTAGTGCCAAGATTT
GTATGGCAACGCCCTAGGTTGTCCTAGGGTTATCCTAGATGACACCTGCCATTCCACGTG
AAAATGCGCGTGCATAAGGGGAAAACATACGGTCGGTGCTGTGGGCCGCAGCCCATATTC
GGGAACATGTCGAGCGCCATATAGTTTAGCAAACTGTAGCACCAGTGAATATCATTTTCC
ATTGCCGGCAGCTCCCTTCTAGCTGATAGTTGTGACTGCAGCCTGCAGATTGTGCCTGCT
GGCACAGCTGCATGCCACACTACTACTAGCCGAGCATCGTGCGGGCTGATCTTCTCGGAA
CTCTAGTCCACACCTAGATGGCTGCCTCGTGCTGCTTGCATGCATGTATGAACTAGGCGT
TGGTCATGCGAGGAGCTGAAACCCCTCCAACTACTTTATGACTGCCATACAAGATAGCAT
CTCGAGAACTTATGATAGTGAACGACGCAGAACTCAGTAGCTTGCATAGCCGCTTGATGC
AAGTCATTTGAGATCTCCCGCTGATATTCAATCCCGCAAACGAACTGCGCATGGGTGTAG
TCGTGGTTGCATGAACAAGGCGCCGAACGTAACGGGAAAAGCAAATGAGCATTTGCCTAC
CAGCCACACACTGATAATTCCCATCTAGGGTCCGTCGGTCGTGTCCTTCCGCGTGGTCTA
GCTCCACTCGTGATGATTTTGCATGCAGTATACGCACGCAAAGTGTCTTCGCGCCGCACG
GCCCGACGTACAACAATTGAGTAAAGGATGCGCCGTTTCGTTAGAGTGTGGTGACGTTCC
AGAAACCTAAAGCTCCTCGCCCCGTGAAGAGGCGCTTCGGTGCTCTAGGGATTGCCAGAA
GGGTCGCCGAAGCTTCGTTGAAACTTCGTCTACCCCTGGTTGCGAAATCGTATCGCTAGC
TGTGCCGCACAGAATCGATCTATGGTCGGTGCCACCAACAGCCACAGCGAGGCCTGACCT
CATCGGACATATCTCCGCTATGCTCAAAATCCGTTTCGACAAATGACAAGGTCTTAAAAT
TTGAATAATCAGAGTGTGGGCCTGAGATTCTTCGTCCGCGAGGGTAGCGGAAGGCCTAGC
CAGCCCATGAGCGTGTCGAAGCCGTCAAGATGTCTTTCATGGATGTCCGATATAATTGGT
CCCAAACTAGGTTTTGCGGTGATGCAAGATACCAAAGGGCAAAGATTGGCTCACTAGTCC
CGGGTCTCCAGCCAAGCACGTTGCGTGCTCTTGCCGAGGAAGAAGGTACCCGGCAGCTTG
CTGATAAAGAAGCTCACAGTGAGTCGTGTATGACCCAGTCGGGTGTCTCTCGACGTTTCA
GGCCGTTTGAAATGAGACGTTGGCCGTGGCCCAAAGTCTGAACGTTGCAATGATCTTCAT
GGAAAAGCAAACCTTGGGCGCCTGCGGTCATGCAAATCCTCCGCAATTTCTCATCTCGGG
CTCAGATCCTAGGCAGCCTAGTATGGCGCTAACGCTCTACCGCGGACCGCGCTATAGATA
GTGCGCGCCCAGTACCTGCGAAGGCAGGAATTCTGGGCCGTTCTTGAACAAATCGCCGTT
TCTGCTAGCTGAATGGGACTTCGTCGGATCTATATTGATTTGGCCGATGTACGGGCTCGG
GTCGCTTTCCAACGGACATGAACTTTGGTGGCAAAGTATCTGTGACGAATCTCGTCGCTC
ACGGGTTAAAATGAAGAAAAAGCGTGTCATGGAGCGGCACAGCTGTGCAAGGTCGAGGAT
GGAGTTCTGAGGAAGGGTTTGGCATGACGATAGAAGACGAGTCAGCTTGGACTCGGAAGC
ACGGAGTCTTTGCGCTTGGCGAGTGCTTTGAAAGGTAACGACAGCATCGGTACCGCAACC
CGAGATATGAGGCCTGTCGCTCTCCACTCCACCAAACGGCCTCCTTGCAGTGGTGCCCAG
CTTGGAAAACTTGTGTATATCCTTGTACTTCGGTCGTAGCTTCGAAACGCACAATATGCA
GGTAGTAGAATATATCACAGTCCCCGATACCGGGTTACCTGAGCTGAGGCAGGACGACCC
TCGAGCCTCGCAGCCACGGTCCGTGTGTGTGCGTGACATGCTCAGTGCTGGCACTTGCAC
TGGTTGAACGTATGACCAGTGCGTTGAGAACGATCGATCTAATGCGTGGTTTGCTCAATG
TAGAAATCCCTTCAGGATGCTTCAAGGCGATAGGCGAGGACATATGTGGCGCGCTATGGG
ATCAAAAGGGCCAGGATCTAGTACACATCTCATCTCGTCTTGCGCGTCGCTTACCTGGAT
CGATCAGATGTGGCGCGATCAAGATCTTAAGCAATTTATTGGACGTGCTGTGAAATCTAC
CGAGAGTTCAGCCTGGTTGTGGAGATGTAAGACGGCAGCTCTGGTGCCTGGGTGACAGCG
GACGCCAAAGGAACACGACATCATGTGACTGTTGTGCCAAGGCATGACTAGTGCCGTTGT
TCGTGATGACCGCGAACAACGGCACGACAACAGTAACGGCCACAACCCGCAAAGGTTTTC
AATATGAGCGAACAGCAGCTCCCCATTGCGCGATCCGAAGATGCGATGCCTGCCGATCTT
TCTTCCTTCAACGTCACCGATCTCCTCAAGACGCCGCACAATGCGCGCCTCCATAAAGAA
GTGCAGAACCTCAAGAAGCTCATCAACGAGCTTGTAGACTACCAGCTTGCTCACCCAAAG
AACCCGAAGTCGGGTTCGCGCGAAGATATAGATCAGGAGAAGAAAGCTACGCAAGAGATT
CAGAAGAGGGAGAAGTACATTCGCGCGCAACTGTCAATTGTCAAAACTCTCTACCGCCAA
AGCGTATTAAAAGTGCGCGAGGAGAAGGCGAAGACATCCGATGACAGGGCTGTGAATGAT
GCGCTGATTCTGGGCCTTCACAATCTCAAGTATGAGGAGCAGTCGCTGCGTTCTGAGATT
TCTGCTGCCGAGAACTACGAGTATGTCCCTATGCGAAAGTTTGCGTTCAAAGCTGATACC
TGTACAGCCACAAATATATGAAACTGCCACTTATCTCTCGCGAAGAGTTCCTTGAACAGT
TCCCCGAACACAAGGAATCGACCGAACACGACCTCATGACCGCGCGCATCGAGCACGAAC
ACCAAGTCCGTCTCAAGCTCGAAGAGGCACGACAGGAGAAGCTCAAGCAGAAGCAGAAGC
TCATCGCAGAGGTCAAGAAGGGGAAGGACGATCTCACAAAGCTAGATACCATGGTCGAGA
AGTTCATCGAGGCTGCAGAACCGATCAAGAGAGTGCTGGCCACGGAGTAAACACCTGCTA

CGGAATTATATGGATTTGACATTGCGTAACACCGAGACTATGCTCATATCTGTCCCTAGG
GACGTCAAGATTGTCGAGAAGGATGAGTACAAAGCGAAGGCCCGAACACAGGAACCTTCG
GCTGTCCAGACGGGACTTCGGTTGTCGCCTGATGACAAACGCCCCGCGCCGAAGACTTCT
CCACTGTGAGCCACTAGATCGCAATCATCCGACCATGGACAGCCGACGGCATCACGCATA
CACGGGCCATCTCCAACGATGTGTTCAGTTGTGGTACAGGATTATATATGTCTCTTTGGT
ACACTTCCGTGCCTGTTCTTTGAGCAAAGAGACAGCCATTGTTAGGGCGCATATAGAACA
GCCTACCTTATGAGTGGTTGGAACACGTCATTGGCGCAGGAGCAATGGCAACTTGGAGAT
TGCTTCAACCATGTAGATGAAAGAGACAACTAGCTAGTTATTACCAACAGTCACTTTTGG
CACGAAGCCTAACGTTTGATTTAATCTCTCCAGATTTGTTGTATTCACGCGTGAGGCGAA
GAATTCTTCACAGAGAAGGTTAGCGGTGAGGGGTCATAGTGAAGGCGGACCATCTTGAAC
TGATGCCTGGTTGTGGGGCTGACCCTGGTTTATCACTTATCTTAGCGTGTCCGCGATGGC
CGACATTCGCTCATACCCGCGTTCGCCTCGTCCCTTGTTATACCACGGCTTCCTCTTGAC
ACCTTGAGTCGACAGCCATTATGTCTTCTTTAGAGGGCAGTGCTGAGCTGCTGCGTGCAA
CTGCCTTTTCTGTGGCCGACGTCCGGAGTCCTGGCGGGCCATCGTCGCTTCCGGCGCAAG
ATGCCTCGAGTTGCATCCGTACTATACAAGACTTATTCGCAGCACCTACTGCGCTTAAAG
AAGAAGAACCTTCGCCCAAACGACGCAAATCCAGAAATGGCAATGCCATTCCAGTACGGC
CGCAGGCGGACTCTAACGAAAAGAATAGTGTTGTCTTAGCCAACGTATCCATCGATTTGG
TGAGTAGGCTGGTCGATTCTTATGGAGTCCAACTAACATGTCTACAGAACATGCCTACCC
CGTCGCAAGACTCCTTAAGTATCACGTATACCCCGGCCATATCGCAAGAACCCGTAAATC
TAGAGCTTGAATCCTGTCGGAGAGACCACACAGGAGATACTCTTCAGATGAAACTCTGGA
ACGCTGTCAATGAAACGGGTGTCGACCTGGTTGCCACAACTCCCTCACCTTTCATAGATT
CGGTCATACCCCACCTACGGAATGCCTCTGCACTTGCCACCTCGCTTCAGGGCAAAAGAC
ACAAACCTGTTTCTCGCGCGGCTTTCTGTCGATGCCAGCTGCACCCACCCACGCACGGGC
GCACTCAATACAAGTTGGTAGTGGAGATACGGTGGACTCTGAACATATCTGTGGTTGAGG
ATCCAGATATTCGAGGCCATTACATGAACGCGGACCTGAAGCTCCTCTCGAAATACATGA
GCGATGCGGCTCCGAGAGGCGACAAGTCTTGGACCCTATCCGACTTTTACGATTCCGTAC
ATGTACCACCCGCGAACACAGAGATTTCACCGCTTATCAAACAAGGTTTGATCGACACCA
AGCTTCTGCCTTTCCAAGAAAGGACTGTTGATTGGCTCTTGCGTCGAGAAGGCGTTGCAT
TCTCATCTTCTGGCTTACTGGAGCCTTTTGTCAACACTTCACCACCAGTATCATTTAGGC
AGACACAAGATGTGGCAGGAGTACCGTGCTACGTCAGTCAGCTGCGGGGCACTATAGTCA
CCAATTTAGATGCAGCTAAGGACGACACCCTACAGTCGCTGCGCGGTGGTATACTCGCCG
AAGAAATGGGCTTAGGTAAAACCGTTGAGCTAATCGCGCTCATATCCCATCACAAGCGCG
ACATCCTCGATGGTAACATCTATGATACATACACTGGAGCTCAGGTTAGGCCTTCAGGCG
CTACACTAATCATTACTCCTCCTTCGATTCTGGAACAGTGGCTGAGCGAAATACATGCTC
ATGCTCCTGATCTTAAGGTCTGCCATTACAAGGGTCTCCCCTCTCAATCTGCACCAAAGA
AAGACCATGCCACAGCCACAGTCGACTATCTCATGCAACACGATGTAGTAGTGACGACAT
ATCAAGTCCTTTCGAAAGAGATCCACCACGCTGTACCTCCCCCTGATCGCAGCTCTCGAC
GTCCAAAACGTCAGGACCGCCGGCATAGCCCCCTTGTCGGCATCTCATGGTGGAGGGTCT
GTTTAGATGAAGCGCAGATGGTTGAAAGCGGGGTCAGTCAGGCCGCCCAAGTAGCTCGAA
TCATCCCCAGATGTAATGCATGGGCGGTTTCCGGAACTCCTCTTCGCAAAGACGTCCAGG
ATTTACGTGGCCTCTTGATCTTCCTTAGGTGCGATGCATTTGCGAACAACAAGGCGGCCT
GGACTCGTCTAGACAAGGTGTCTTTCAAAGGCATCTTCAACGAGATTGCTGTGCGAAACA
CAAAAGCAAGGGTTCGTGATGACCTTCAAATACCACCGCAGAAACGTGTTGTCATCACTG
TTCCGTTCACGACCATCGAGGAGCAGCATTACAATGAAATGATGCGTCAAATGTGCGATG
CATGCTGGCTCACCCCCGGAGGGCAACCGAAAGAAGAAGGTCGCGATGAGACCCACCCAG
AGGTTGTCGAGCGCATGCGAGAGTGGCTAATAAGATTGCGCCAGACCTGTCTCCATGCAA
ACGTAGGTCGAAAGAACAAGAAAGCGTTAGGTGCAAAGAACGGTGCCTTGCGTACCGTGC
ACGAAGTTTTAGAGGTCATGATAGAGCAGAACGACACAAAGTGGAAGGCAGAGGCTCGCG
AAATGGTTCTGTGTCTGATCAAGATGGGTCACATCCAAGCATACGCAGGAAACTTCGCCA
ATCGTGCAAAGTCGTCGCTTGAATACTATGATAAAGCGCGGACTGAGGCACAATCATATA
TTGCGATATGCAGAGCTGAGTTACTAGCGGAGCAGCAGAAGCTAGGCCGCGTATCCACAG
GTGGCCTCCACGGGGCTGATGAAGACGAAGACATCGACGGAGACAATATGGGTCGCATTC
CAGTTCTGCGCAAATCGCTCCGGTCATTTCTAGAGCTTGAACATGCAGCTCAATTCTTTA
CCGCCACCGCCTGGCATCAGATCAAAGAAAATCCACAATTGACAGAGCCAGACTCAGATG
ACTGGCGCGAGAAAGACAAATTGGAGACGGATTATTACGAAGCGGCCAGGGTAATTCGCC
GTGAACTCCTGAAGGAATCGAAGGGCAGAGCGCAGCAGCAAATGGCTAAAGTCGATTCAA
GAAAGCCTTTCCACCAGATACCTACAATAGCTGACCTTCCGGATCTGGGAGGTATCGAAG
CCCGGAAAATTCTCGATACGATGGACAACCTCAGCGATTATCTGAACGAGCAAGCCCAGT
TGATACAGACATGGCGTGCGAAGATTGTTGACATTCTCCTAACACGCCTGGTGGATGATG
ACGACGACAAGGAGACGACGGGTGAAGAGTACGACGATTCTCTCAAAGCTCAGGACGAGC
TGTACGTTTACATCATGGCTCTTCGAACCCTTGTTGCGGACCGTAATGCTGCTATCAACG
GTCTGCAGGATAATCTTGTCGAACACGAGCTCAAGGCTGCCGAAAAACAAGCCCTGAAAG
GGGACGAAGACAGTGATCGAGGTCACGCGCCTCAACTTCTGCTTGAAGTTATCAATACAC
GACGTGGATTACAGGCGAAGTTGCAAGCTGGGTCCTTGAAGGGTGTTGTATCTAGCATTC
GCTCGCTGATCACTGCTTTGCAATGGAGAGCCAACAGCGGCGATGCTCGGGCTTCCTCAG
AACTTGGCATTCTTCAGAAACAAAATGCCAAGGTTCAGGCCGTTGTCACAGAACAAGCGA
AGGCCATTACCGAACTTGAAAAGGAGCAGGAAATGTACCGAGGTACCATGAACCAGCGTC
TGGAATATTATCGGCAATTCCAACACATCTCCGATACCGTTGCAAAGTACAAGGAGGAAC

TAGACAACACATTCGACTCGCGCGAGTTCGACAAGGCCAATCAATTGCGAGAGAGAAAAA
AGGATCTTGCTAATGGCTTCAAGACGAAGTGCACTTATCTGAAGCATCTCCGGACTGAGA
ACCAAAATGAAGCGGCAGCTGAATGCATCATTTGTAGGGACGACATCGAGATTGGCGTCT
TGACAGCTTGCGGTCACAAATATTGCAAAGAATGCATCAATCAATGGTGGCAGGTGCACA
GATCCTGCCCAACTTGTAAGCAGAAGCTATCTGGGTCCGATTTTAAAGACATCACATTCA
AACAAATCGCGATCAGAGCGAAGGAAGAGACAACCACACCTGCCAGCCCGACACAAGCTT
CCACGCCAGACTTTTCGTCAACCACATCTATCTATTCTGATATTTCCGATTCAACGATGA
AAGAGATTGAGATGATCGATCTAGAGGGTTCATACGGCACAAAGATCGACATGATCGCGC
GCCACCTAATATGGATCCGTAACAACGACCCAGGCGCCAAATCGATCGTTTTCTCTCAAT
TCGGGGACTTCCTCGAAGTGCTTCGCGATGCACTCAAGAAGTGGAAGATTGGCGCCAGCA
ACATCACCGACAAAGACGGTATCCGGAAGTTCAAGGCTGATGCTAGCATCGAATGTTTAC
TCCTAGATGCCAAAACCGATTCTTCGGGCCTAACTCTCGTAAACGCAACGTATGTCTTCC
TCTGCGAACCACTCATTAATCCCGCAATCGAACTCCAAGCCATTAGTCGCGTCCATCGAA
TCGGGCAGCAGCGACCCACAACAGTGTTCATGTACCTCATTAGCGACACGGTAGAAGAAG
CCATCTATGAGATATCTGTTGCCCGCCGCCTCGAACACATTAGCAACAATACATTGTCCA
AGCTACCTACGCAATCCGGATCCACGACCCCCGCTCTCAAAGAACAGACTCTCGATGCTG
CAAACTCGGCTGAACTCCAAAACGCACCGTTTAAGCAACTTATGCGCAAAAAGGGCGAAG
GTGAGATTGTCAAGGAAGACGATCTTTGGCATTGTCTGTTTGGGAACCACAAGAAAAGGA
CGCAAGCTGTGTTGGAGAGGGAAGTTGGGCGAGAACTGAGGGCGCAGGCTGCCGAGGCAA
GGATAGCGGGTGAAGGTACTGTGGGATCGAGTGGCGCGTCGGTAGCTGCTGATGTGGACA
TGGCCGGTGGTGATCTCGTTGAGACTTTGCCGATCGTTGGAGGAAGTTCGCGGGATGGTG
TTACTAGATTTTAAGAGTGTTTGGTAGGGCGAGGAGGTGCATGGGCGTTGCATTGAGTTG
ATACGGATATATACCCAGGGTATACTTGATTAGGATTTTACGCAAAGAGTCTTCAGACAT
GTATACATAGTTATGACAATGAGACGCCTAATGACGTGTACGACCATGAGGCAGTGGAAG
ATGTTGATGTTGATGGTAATATCGATTTTCGCCTGGTAAAAGGAACAGCTCGTAGAGAGC
GACTAAAGGCCTGCCTATGTGGTATCATATAAAGAAAAGCCAACGCCGAAGCCAAATGCA
AATGCTGTGAGGTTGCCAGCCTACCATAACGAAATAAATGCTCAAACGCCTTCTCTAGCA
AAAGAGGCATCAAAGAGTGTAGAATATATGTACGAAGAGAAGAGAAAATCATGGAACAAA
CATGAAGCAAAGCGTCGCAGTCTAAGCCCGAGGCGTCCTCCACGCCTTGACCTCCTGCTG
CGCGCTCTCATCAAACCCCGCCCTCTCCATGAGTTTAGTAAATGTTGTGTTGGCCGAGTC
GGTTGTGTAGCGATTATCGCGCCGCATACCCGGTGCCTGTGGCGGAGCTAAGAAACTCGG
TGCAGGCATCAAGACATCGATAGTTTCTGAGCTGCCGCTCCTTGCCACATTGGGACGGTG
TTGTCCTGGCTGTAGTGTGTTGAATGTCTGGGTACTCGTACGGAGGGAACTCGTGCGCCG
ACTGGCAGAGTGGATGCGTTTCGGTTTCGGGGGCGGGGTTTGGTAAGGATCGGTATATGG
ATTTCCTGCACGGACGGGGGGAGCGGGATTTGATGGGAGACCACCCGTAAACCCAAAGTT
TAGTTTGGGAGTGCGGTCCCACATGCTTTTTATCCTGGGTGTGAAGCCGTGGATAGGTGG
GTTGGCGTTTGTTTCCTTCATGCCTTGGACTATTCGGTCTGTTGAATTGGGGCTTGAGTG
GGCGGAGTGGCTGCCCCGACGCATGAAGTCTGTCCGTGCAGCGTGTTGAGGGTCGTAGAT
GGGGTCGCTAATTTGACGAGCTACATGGCCAAAGTCGCCAGAGTAGCGCTCCTTAGACTG
GGATTCGCGTCTTTTCTTGATGATCCAGATCAGGGCCAAGGTGCTGAGGGCGCCGATGAC
TATGCCAGGGAAGAAACCGGCTGCAAAGGACTTTCCGTCGAAGCCCTGCTTTGTTTGAAT
GGGTGCGGTTGCTGGGTAATTGGAAGTCTGGGATGCGGAGGCGGGGCTAGTGGAGGAAGG
CGTTGCGTTTGCGGATGATGTTGGAGATGGGGTCGGTGATGGGGAGGTGTCTTTGGCGCA
CATGGTGCCCTGACATGTGTAGCCTAATGAACAGCATTTGTCACCACATTTGGGTAAGTC
AATGCCGTCGGTCTCGGAGAGATGCATTTGGTTGTCTGGGTGCAGGGTAGCGTTCAGCTG
CGTGGTGTCGCAAGTGGTTGGCTGAATGTAGGCGCAGTCTGAACCGGATGGGCAGCAGAT
GACTGATTGTATGTCTCCACCGTTGAGAGCCATGCATGTTGAGTCCTTGGGACAGCAAAA
GGAAGACGGGAAGTCTGATCCGCACTGCTGCAGGTCTGCGTTCCCTCCGCATGTTTCTGC
TTGACGGAGAAAGAGATGCGATGCATGTGTAGCTGTGATGAGCGAGGCAAAGAGGCATAC
AAGGGATATCCTCGAAAGCCTGGGAGACGATGTAGCTGGAGCCATTGTCTTGGAGATGGA
AGCGTGGTGACAGTATTATGGTCAAGAGGTCGGACCGGCGAACCTCAAAGAAGTGACTTG
AGCGTGTGAAACAGTGGGATAAGGAAGCAATCCGAAAGCGATATGGAAGCGATATGAAAA
GAGACGTACGAAACAATGGAATGAGCAGACAAAGACAGGCCCTACCTTTGGGATATTTAC
TGCGAAAATCTAGAGACGAGTGACGTTCCTCACCGCGAGATGGGAAAATTGGGCTCTATC
GTGTCCACCCATCTCGTCGGCTAAGTTCCGAGAATAGAGCTCTGTTTCGCGCCGAGTGGA
CAATAGGCATTGTATGGCGGGTGTAGGGTTTAGCTAGCACGGTCGCAGTGGCAGGTGACT
CTGGTGTTTGTGTGGCTATGCATGGACGGGGAGTCGAGTGGATGAAACGTGTGATGCGGG
CGCTTGGAGGGTGCGAGGTTTTGCCCACCAGGGCTGCCGTGGCGAGGACGCGTCGTGATT
GGATGGGGGTTTTAGCGCGATGATTCGAGCCCGGGAAAAAGATGAGCTTGGAGAAACGAC
TTGCCGACGACAATTCGATCGCTCGCCCGACAATCACCACACATATGATGATTACACGGT
GTCTGGCCCGCCGGCCGGGTGCATTCCAGTCTGTGGCCGGGGCTTGGAGGGTACGCTGGG
CTGTCAACCATATACGTCGTGGGTGAACTGACGTGGGATAGAGAATACCATCGCCCGCCG
CCCGCAACATCTACACGGTGCCCCCACTGGACAACCATGCCGTGATCGAGCAGAATGGCG
TCCCCGGGCTGCTCTCGCCAAAGGGCTTCAACACCGCATACACCGAATACCAAGGCCACA
TTGTTGACGAGTTGAATGCGTCGACAGCGGGTACGATGGATGCAATTCAAGACCAAGACT
GTGCCTGAGGCTAATGTCGCTCTTGCAGGTACACAATTCGAGAACCAGGAAGCCAAGGCT
CTCGTTGTAGACTTTGCCCGCGATCCGATGAAAGCCTACGCCTTCAACATTGCCAGCATG
GCCTTCAACAACCATTTCTTCTTCCGCGGCATCAACGCCAATCCGGACGTACAGTCGCGG

CCGTCGACCGACCTCACCAAGCAGATCAACCGCGACTTCTCGTCCATGGAAACACTGCGC
GAAACATTCCTCGCCACGGCCGAGTCCATGTTTGGCCCCGGCTTTGTCTGGCTCGTGCAG
ACCAATGACACCAGCTTCGGCAGCCTGCGCATCTTGCCCACATATCTCGCCGGATCGCCG
CTGTCAGGCGCTCACCACAGGCGGCAATCGCACGACCTCAACACACACAATGTCGATTCA
TATCAGGGAATGAACAAGGTCGGGTCGTTTGGTGCGGCGTCGCAGCAGCAGGATTCGAGG
GCCAAGAAGCCGTTGGGCGGCATCGATGTAGTGCCACTGCTGTGCGTAAACACATGGGAG
CATGTCTGGTTGCAGGATTACGGTGTCCGGGGCAAGAGGGCATTCCTCGAGAAGTGGTGG
GACAGGATTGACTGGGACTTCGTGGGGCAGAACGCAACGCTGTCGCCCAACCAGAACCGA
TCCTTCTACTAGGTTATGGATGGGGGCTGTATATTGCATGTAGACATATGTGTATAAGAC
ATCTGAAACGACATGAATGCATCTTTGCATGGTCCGTCTTGGGCATGTACCTCTACAGGC
ATCTAGTGGCACACACCGAAATGTCATGACCACTTGTCGTTGCATTCGCCGGAGCCGTGA
AGACTGCATGCGTCCTGTCTGTATGGGTCGTCGTTGCCCAAAGCTGCCGGTGAACTTGCT
TGGCGAACGCATTTCAACACTTGCAGCCCCTCAGACATTGCTGCAGCTGCAAAGAATTCC
GAATCATGCACATGCCTTGCTTCCCCGCGTCGCGAATCATACCAAATACAGCGCGCACAT
GTACTGACCTGTAGCACATCACCATCAGAAACCCAAGCCGGGTCTGATCAACAGCCAAGT
TCTCACCGGATCCTCCATCTCACGCCACCATATACCGGCCTCTCAAGGCGGATCCAAAGC
ATAGATTCACGACGCGCTTGTCTTCTCTTCTCAGCTTGAGCCTCAAAAGTCATCATGTGG
CCAACCCCATCCCGTATAGCCGGCGTCATCCTGTGCCACACCATTGGCGCGCCTCTAGTC
AACTGTTGACGCGCAACGCTCGAAGATTCTGCCCGCGGATACTTCGGGATGAGAATTTGG
ACAGATGCATTGGAACAGAGGGCTTCGGCAAGTCGTCGAGTTTCAGATGCGGGCGAAAAT
CCTTTGAGGCTTCCTGTGCAGATGTAGCCATCTGTCAGAAACACTGAAGAGGGCGCACAG
CCTCTGCCTTGCAGCTTACGATGTACCGGTCTTCGCGGAGCCTTGTGGCCGCTCCTGCAT
GAGTTGAACGGTTCGCGTGCTTGCCTGCCTTCAGCCGTGGTCTTGGCCAATCACCAAGCC
GTGATCTCCGCCCGATTTAGTCGTCGGTCAATGAGAGCCCTGCATTAATTCCTACACTAT
GACCTCACACAACTCTAGGGTTAGTTAGTTTGGAACACATATCGAAGGATTTCGACTCTG
TTCGGTTCGGGTGCTTCTTCCCCAAGACTCTATTTCTCCACACCGCTCATTTCGCCACTT
TTTTTCCATCTAGGAATCGAATTCTCAAGGAGAGAGAGATGGCGGTGTTAGCAGATATTC
TACCGGTGGTTTCGAGAAGCTCAGCTCTCGCGCTGAAACTCTACGGTATTGCTGCTGAGT
CACCTGGGTCAGCGAAAGATTTAGTTGGCGTTGCGAATAGCATAAATGGATTTGCTGCAA
TACTGAAGCAGTTGGGGACTATTATCAAAGAAGATGATCGTCTACCATCACCTGAGGTAC
GTAAAGACGATCGCCGTGGATTTATGAACGACACAACGATGGGGGGTCGTGAATGAAGTT
CATGAGATAAAGATTTTGAGGTCGCTGCGAATTCGTTTTGTGCGATTGAGGCACTTGAGA
CGCAAGAGATCCGAAACATATGTCATTACATTACTTGACAAAGCTCTGTCGTTCCTCGCT
GATTATAGACATAGGCTATCGATACTCTGGACGACGTCATCGATCAAGCCCAAACATTAC
TTACCAGCTTTGAATCGACTTCATCAACCGAGGATGAGAAGCATCACGATCAAAGAGACA
TTTCCCGCTCTACTCAAAAAATTCGGTCTCAGTTAGATCCTTCAACCAAGGCTAGCTTGG
ACTATCTCACTGCTCACCTGGAGGCCCTGAGCATGACGCTCTCTGTCCTGCTACAGACGC
TCTACGCAGCGCAGACTATAATGTGGTCAAAGTTAGTTCCGTCCCCTATAAGGCATCTAG
CCTTCATTCAGGCTGCTACGCATGGCTCAGATTCCTTCCATGGAGTACGCTAACAGCGCC
ATAGAGTACGTCCTACGGTATCTCCACAACAAGCCGCCAAACTTGTTGATAGTGAAAGGA
TCCAACTGGAAACGTTGATTGTTCAACAACAATTGTCAATTTTATCAGCCTCGAACCTCT
ACGAAAATTTATCTCAATCTGATGCGCGCCTGTTGTTGATGGAAGGAGACAGTTCTCAGA
GTTTGGTCATCACTGGGCGGGGCGAAACCCCTAGGTCATCTACCCTACGTTCGTATCAGG
ATGAAGATTTGACAAGTCTCGACACATCAATATATACTGAAGCGAACGGATTACCAGCAG
TTCTGACTGCATCGGCTTCACGTGTCGAACACTTGTTGCAGCGATGGACGAGCCTCCCTC
TATTTGAACGCCGCTTACAAGACGAAGAGCGCGAAAGGCAGAGGCAAAGATGGGAAACTC
AACAAGCCACTGTGGAATCTGATAGCGAAGAGGAAAGTCACACGTCAAAGCTGTCAGGCG
ACGGTGCTCGCCGAACGCACAGGTCAGGAAGCATACAGCCACTATTTACTGAGGTCAATG
GCACGCCTAGTCCGCCACAGGAAAAGCAGTACGGTCCCACCACGCCGCCAACACCCATCG
CTACACCACGTACGTCACGAACAAGTATGCCACCAGCTACCAATGAACAGTACCCAACTG
CATCACCCCGATCGAGTTTGGGAAGTTTGCCGGTCGAGGCAGCCGCCGCGGTAGAAGCCA
AAGAGGAAGACAGCGAAGCCGATCTAGAAATTCCGTGGAAGTTGTGTACGCGTAAATACT
ACTGGCGATTTGTTGATGCTAAAATGGTCAGCTCAAACACTGACCAGGCATACTCTCTGG
CGTATTTGGAGCGTAGCAGCTGGACTGAGATTATGGCGAGTTGGGTATGCAAGGAAGCAA
TCAGAGAGGCGGGTTTCAGATATACATCTTACCAAAAGGAGCGGAAGGACAACAGGAGGA
TAAGGGGCGAAACATGTTTCTGTATCGAACGGCCACTACAGTTCGAACAGGTCAAGCGTC
TTGTCGAACGGACAGTTGACATATACCGAAAGGCAGCAGCACCTACTCCACCTCAGCAGC
CACAAGTTAGGAGATCGTCTTTCAATCGTCCCCCGCCGCCACATGGTATTCTGAAAGGAG
GCGCATTCGATCGGAACCGAACACCAGTGCCTCGGAGCACACACCCCCCGCTTGACCGCT
CGAACACCTCAAACCACCTCCCGCCACCACCTGGGCCACCCCCACTAGATCGATCACTCT
CAATGCCTGGACCCGGGCTCATTCCACCACCACCAACCCAGTCAAACGTCAACTCTCGGA
CTCCAAACCTCCAGATACCAATGCCAAATCAGTACGCCCCTCAGCAACCGCCACTTCCTC
AGTCTTCACGACTGCCTCAATACCCACCACAAACCAATGGCTACCCACCACAAATGATGA
ACACAACAGCAACACCTCAATACTTCCCACCACCACCACCGGCCAATGCCCCTTTCACAA
ACCCACCTTTACCCTCACATTCACAGCCTCAAAACCAGAATTACCCCATACAAGCGTCTC
CTCTCCGCCAATCCTACATGCGTCCAAGCAACCGACGGTACGACGATGACTTCACGACAT
CTGAGTCTGAACTCGAACGTCCTAGACGACGTACGTCAAAGTCGAGGAGTAGAATGTATG
AGAAAGAGCGGGAAAGGGAGAGAGATAAGTATGGAAAGAAGAGTCATACAGGAAGGAAGG

CGGCGGCGGGCGCCCTATTGGGTGTTGGTGGGCTGACGGCGTTGTTGGATGGACTGAGTG
GGCTGTAAGTTTTACAGACCTTTACTATCTTGGCTTTCCTGTCACTTGATGTGCTGATGT
GGAGAGGTTGTGCCCTCTCGAGTGAAGTGTGTTGTATCTAGCGTATACGTAACGTGTATA
ATGAGTCATGAAATAATGATTACGATGTATCTTTTACTGTTGCACTTTTCTGGTCATGCT
CGAATAGACAGTCAAGGGATGGTCACGGGATTGGAAGAGGGAGCCTAATTGAAGACAGAC
ATGAATTATAGCAATAAAGTAGGAACCTCGATAACGACCTAATCGTGAGGCGCGTGAAAC
AGGAACACACACAAAAAAAAGAACCCTAGGACAATAAGAAGAAGAAGAACAATGCCACCA
TCTATCTCTTCCCGCTACTCAGCCCTTCCGTTCTCTTCACATTCAATTCGCGTCTCTGGG
TGAGCCAAGGTAGACAAACTTACTCCAAAAACTTCATGTACGGCACGAAGCAATCCAAAT
GATTTGGAACTACTCTTTCACTCTTACGGCGGACACGCTGGCCTGTCGTATCCGAATTCC
ATTTCTTCTTGCTTCTTTCTGAGTGGCTAGGGGCGTAAGAAAGAATGTCCTGAGTAGGTG
CTATTCCGAAGTGTTGGGAAGTCGTAATCGATTCGGTGGGAGGCGTGGGGGGCTCGAACA
TAGTTGTCGTTGCTACTGAGCAGACCATGATAGGCGAAGTAGAAGTTTCGTTGTTGAGGG
TTCCTTCCGACGTGATCGGGTCAGACAGAGTGCTTGGATCAGCGATTCCATCTGTGTGTG
GTCGTGTTTTAGTCGTGTCGTCCGTATTCTCTAATCCAGCATCTGCCTCGGATCCGGCCA
GCTGCCCGTCGACGCCTTCCATGATCACCGGAGGTTCAACCACTGCACATGTTACACCTT
CAGCTTGCGCGCTCGAGGGCATGACCATCTCCTCGCCCAGACCCCCGGTCGGTTGCTGTA
CAATAACACTCTCAGCACCAGCCCCAGCGCCATCGCCACCCCAAAACCCTGTTCTGCGCC
CTTCAATCAGAAGCTTCGATTCCTTCTCATTTTGAATTAACGAGCAGCAAGGGCACAACC
AGGTCTTTGCACAATCTGCAGCACAGGTCCCACCTAGATCGCCCATTCTGCGAATGCGAA
ATGTTTGCCATGCGTTTGGGATACAGACGAGGAATTGGTGGGCGATTGGGGTGCAGCAGA
AGACCGAGTAGCCGTAGGCTATGCACTGTTTGTGTTTTGTTCTATTAGTCAGAGAATGGA
GAGTGAGGTAGATTGAGCTGGATTGTTGTATAGAAGGTAGGCGTAGAAAAGAGAGAATAC
TTACCGGTACATTGACAATCTCATACCCACTCATATCGCCGTTGTAATGAAGACGATGCC
ATGTCTTTCCGCAGGTGACGCAAGGACAGAAGAAAGTGACAAGACCTACCATACTTGTTA
ATCCCATCCTCACTTCGACAAATGAGAAGAACTTACATAGTGGCAGGGGATTCAGGCAAT
CCTACAAACTGGTATTCCACGGCTTGGTACGATTTATGTCTGCTTCAAACTCTTCTCTCG
CTTCTGCAGTCCAGTCTATGAACTGTGTGCGGCAATATTTTCCCCATTTCGCGAGATTGT
CGCGTGTCTTTTGGAGTGATGGGTGGCCTACCAGGTGGTCGGGCATTGTAGTGTGACAAG
ATAGCTTTTCTGGCGAGAGATAGCTTCAGCCACACTTTTCGGGTCTGCGAAACAAGATGT
ATGCGGTGCTAATTATGCTGATATCCGATGAGTACGTGCACGAGGAATAGAGTGGTTGGC
GGGTGGTGTGGGCGAGACGATGTCGATGACCAAAGAGAGCCTTGGATACAAGCATATGCG
TGAGGAAGTGATGTTGACGGCACCTGCTTCGTAAGGCAAGAACGAGAGTGCCAGTCGTCT
TGCAAGAATGGTAATGACTGGAGAAAGAGCCACCGCCTAGTGAGGCCAAAATCGTCTCTC
GGCCCCGAGTTGCCAATATCAGGATAGATCCTGAAGCATTTTGCAACACTACGTCAAGGG
GAGAAACTAAACATCTTGTTAGAGCAGAGTACTTCTTTCTACTACAATAAATTATATTAC
AGCTATATAGATATCTATAGAGAATCTAGAAGTCTATAATGCTGTTAGTCTATATAATCT
TTATTGTTAGGAGCTAACGTAAGCTGTAAGGTAGAGCTTGTTATCTTCACCTGTTCGGTT
TTTCCCTTGTATGGGGTGCAAGGTCTTGGGCGATGGACGAAAGTTGAGATAAATGGCTGA
AAATGACTAGGCCACATCATGTGAATCGCATGATACTCGCCGGCCTAGAGCTACCATCTT
CAACATCACAGCAAATAGAGGATAGAGTTGCAAGTATGAAATCGCATGCATTGTACAGGC
TACGCATGTTGGCAGCCCGCACTAGTCTATGTAACTAATCATCTGCTGGAAACTATACTT
TTATCAGATTCCTTCCACCCAAGTCACTGGGTCAGGTCCGCACATGTGCCTGCAAACCAG
AAAGAGCTTTTAAATCCCACCGCCGAGCAGGCCTTGGAAAGACAGCCACCATGATGGTTA
CCACAAAGAACCGGGGTATCTTCCTTCGTACAAAGGTTGGGTCGTGGATAGACCTTCATG
AACGCCATCTATGCAGGAAACTTTTTCGTCGTCCAAAACAAGGTCATGCTGCTACCCTCC
GCGTGTGGAGAGACTGAGCGACGCAAGGACGACGAGAAAGGCGTTGTCGCCGAGGGGTAT
GACCGGGAAAAAGGAATCGCTTTTGTCGTAAAATAAGGAAATGCTCAGAGGTCATCCGCG
TGTGGACGACTCGGAAAGCGAGAATCTATGGCTCCCCAAGCAGCATGCTTGCAGAAGAGC
GAAGTCGTGAAATGTTCGTAATGCATGCCTTTCCGGGAAAGACGAGGGTCCTGCCATCTA
TGTTCGAGCTCGACAAATGTGCGTCGAAGGGTATCGTATGCGAGAAGAGCTCGAAAAACA
GGCAGATCCGCAAAAAAACAGTCGCTGTCTATATGCTGGTTGGGGTATGAGATTCCTGAT
TTCCGCATCGATCCGCGGTAACCGGGAAGGAGTCGCAGAAAACATTCGAGAGTAAAGAAA
ATCGAAAGCAAGCCATCGGTAGCAGCGACACGAAGGCCCAGGGTATCGTAGAGAAGAAAA
TGTGTCCCGGGCTGGCTACATCGTGAAGCGGTGCGATGCACGTTTACCACCAGGAGTTGC
CGCCAGGGCCGGATGGGTTGCCGTAGCCTCCACCAAAGCCACCACCGCCGCCAGAGTAGC
CACCAGGAGCTGGAGGAGCGTAGCCGCCGCCGGGAGCGCCGCCGTAACCACCTCCGTAGC
CGCCTTGAGGAGCACCACCCCACTGACCGCCACCACCGAAACCACCACCGCCGCCCATAC
GACGAACATCACGGGTAGCAGCGTTGCCACGACCACGGCCGCCTCCACGTCCACCACGGC
CTCCACCGAAGCCGGAGCCTTCGCGGGCAATGGACTCGAGGAATCCAGGGACTTCCTGGT
TGGCCTCCTTCAAGAGATCAAGGAGATCGCGTACGACTCCGCGGTTGCCGCGGTTGAAGA
AAGCAGTGGCAATACCAGTGTTTCCAGCACGTCCAGTACGACCGATACGGTGAACGTAAT
CGTCAATATCGGTGGGCAGGTCATAGTTGACGACGTGGGTGACTGCAGATTTGAAAACAA
GAAGTCAGTGTATGTCTCACATGCATTTCGCATAGGCAGAACTTACCATTCGGGATATCA
AGACCTCGGGCAGCTACAGCAGTAGCGACAAGGATGGGGCAACGTCCGTTTCGGAACATC
TCCAGAGCCTTCTCACGCTCGCGCTGAGTGCGGTCACCGTGAATGGAGGTGGCGGGGAAG
CCTTGGTTGATGAGGAAGTCCGACAAGGAGTCGGCCATACGCTTGGTCTCAACGAAGATC
AAGGTAAGACCAGCACCATGAGTGTGAAGGATATCCAGGAGGACAGAACGCTTGTCAACG

TCCTCGACGTACTCAATCTTCTGGGTAATGTTCTCAGAAGTAGAACCGACACGACCGACC
GAAAGGAAGATGTAGTCCTTCAAGAAGTCGCGGGCAAGCATCTGAATGTCGCGGGGGAAA
GTGGCCGAGAACATGAGTGTCTGGCGGGCAGCGGTAGGAGGCATGTCCTCGCCCTCAACA
ATGCGGCGAATTTGAGGCTCGAAACCCATGTCCAACATGCGGTCAGCCTCGTCAAGAACC
AGGTACTTGATGCTGGCGAGGGAGATACGGCCGCGCTCGATCAAGTCGACCAAACGACCA
GGAGTAGCGACGAGAAGATCACAGCCGCGCTCGATCTGGCGAAGCTGGGAACCAATGTCG
GCACCACCGTAAACGACACAAGGGCGGACCCACGAGCGGTAGGCGAACTTGCGGGCCTCG
TCGAAAATTTGGGAGACCAACTCACGGGTAGGAGCAAGGACAAGCGAGGTGGGGTAAGCC
TTGCGTTGACGTCCATAGCCACCCTGAGCCGTTGCGGGAGGAGGAGAAGGGCCGTTCTTG
AAAGCCTGGGCAAGAATGGGGAAAAGGAAACCACCAGTCTTTCCAGAACCGGTCTGGGCA
CAAGCCATGAGATCACGGCCACCCATGACGATAGGGATGGAGTACTTCTGGACTGGTGTG
GGGACCTTGTATCCGGAGAGCTCGATGTTGCTTAGCAGGTGGTCGTCGAGAGGCGGGTTT
GTGAAACGTGTGACGGGTTCGGGAACACCCTGACCAGAGGCCTCAACGGGGATGTCATCG
TACTTCTCGAAGTTGATACCGGTGTGCTGCTTGGAGGGGTCGTTGGGCATGCCGAAGAGG
TCGCGCTCAAGACGCTGGTTGGGCGGGCCGGGGACGTGCTTGCCGTCCTTCCAGGCACCG
TCACCAGATCCGCGAGCACCTCCAGAGCCGCCACCACCTGGCTTGCCGTAAGCGTTGGGG
TCAAAGTTGCCGCGAGGGGCACCGCCCCATCCACCACCTGGGGGACCGTCGCGACCGCGG
GGAGTGAAGTTGGGTGCGTTGGCCCAGCCACCGGCACCACCGCCGCCGTTCATCTGAGGG
GGAGGACCCTGACTGTCACCCGTTAGCATACCTTCCTGTTTTGTGTCTTGGGTATTGACT
GACCCTCCTGGTCCCCAAGCGCTGCCACCGAGACCGCCGCCGCCGTTCATCATCGGGGGC
GGGCCGTCCATGGGTGCAGGGCCGCCCTGGGGACGACCGCGAAGGTGGGGAGGGATGTAG
GCAGAACGCTCGCCGTTGAAGCCGTTCTGGTTGTTGTGCTGGGACTCATTTATGTTGAGA
CGACCCATGTCGAGTTGGTCAGCCATGATGGGCGTGGTTGAGTCGAGTAGGCTGAAGGTG
TGGTTGTGTATATAAGACGAGGGCAATATGCAAGTCGCAAATTACTGTTTTGCTGGCTTC
GGCTGGCTCGGCGGTGAGCGACAGACGAAAGATAGCAGGTCTAAGTGACGAAACTCGTAA
CTCGCAGGCGGGTGCCTGAGACTCGTTCTGTCAGGAAAGAAGGGAACGCCTCTGTCCTGG
AAAACGAGAAGTAAAGAAGTGAAGACCAAAAGAAAGGACTTCACAGAAAATGTGCTTGTA
GGGTTGTGTAATACACACAGAATAGTTTTGAGGGTGGGTGGTTAGGGAAGAGGGAGAACG
CAGCAGGTAAGTTAAAAAAGCGTGTCGGAGAACCCTTCCCGCACTAGACCCTGTGTGGCG
CTAGCGCTCCCTCTCAGAGTTCTCAAGCTGTGGCGAGTGGGGAGCGGTGAACGTCACATA
TGGATCCTGTCGTGTGCTGCAGCCGGCTTGCTTTTCATGCGACATGCACTGTGACATGGC
CTCGGTGGATGTAGTGGCGGCTTTGCCTGGCTCTTGTGCAGGTTCCAGACCAGTTTGTGC
AACAGTGCCATGCGTACTGATAACCCAACAGAATACTTTCGTTTTTACTAGCCACCATGT
GCCTGGACCGTAATACATCATTGTCCGTGGGTAATGCAGGGACTACAAGTACTCCGTATC
CTCCCTCTTCACCCTAGCTAGCGCCTTGACGGATTGGAGCGTTGGCACTAGGAGGAAAGA
GTCTGTGTTGCACTAATACGCTTTGTTAACATACCCTGGAGGAATTCGCAGTCTCGCACT
TTTACAGGCCAGCAAGACAGGGGTTGATGCGTGCCTCTAGTCGTGGTAGTATGGTGCAAT
GACTTCATTCATCCTTTATCCTTATGTTCATCATGTAGCGCAATCACAGTCTACTAAATG
AACGTTTCTGCATTTCATCGTTATCTAGGCCATGCTCTTCTCCTTGAGCCCACCCACAAT
GTTACTTTGCCCACCATTTCGTGACTTCAAGAAAAGCACACAGACTGCGACGATAGCCCC
AACAAAGAAAAACTTCTGACCCATTGACAGTCCATCAGCGGAACCAGTGGCAACGGCCAT
ACCAGGGAGCTTGGGCTTGGTGGTAGAGGCCTGGGTGACCTCAGCAATGTTGACGATATC
CTCCTTGGATGGTGTTGCCGCAGTGATATCGAGTTCGTCGCCAGGAATGGCAGGTTCAGC
AGCTCCGTATAGATCTTGAAGAAAGGGCACAACTATCAGCAGCTCTCCAACCTGAGGGGT
CGACCCAATAGCAAAGAATGCGTACTGATGTCTAGAGTTCCGCGTGAATACCTTCCTCTG
GCACCTCGAGCTCTCCGCTCTTGGCGATCTTGACGGTCTGGGCCGGCTTGTCTCCAGGTC
CCTTCTTCACGTTCTCAATCTTCTCCACAACATCGTAGCCCTCGAGGACCTCTCCGAAAA
CGACGTGGCGGCCATCGAGCCAGCTGGTGACGACGGTGGTGATGAAGAACTGAGAGCCGT
TGGTGTCCTAGATCATCCATGTACGGTCAGTGCATGTTTCAAGTGCAGTTCATACATTGT
ATTTCTTACCTTTCCGCTGTTGGCCATGCTGAGAAGACCCTTGCGGGTGTGCTTGAGCTT
GAAGTTCTCATCGGGGAACTTAGCCCCATAGATACTCTTTCCACCAGTGCCATCACCTAA
TCGTTGTCAGTGTGTGGATTGCGGGGCTCGGTTTATCTTGACATACCCTTGGTGAAGTCT
AAAACAGAGTTAGCATTGCAAATCCCTTAGAGATGTACTAAGAATTGTACTTACCACCAC
CCTGGATCATGAAGTTGCTGATAACGCGGTGGAAAGTAGAGCCCTCGTAACCGAAGCCCT
TCTCGCCGGTAGCCAGAGCGCTATCGCATGTGTTAGATCCCGAAGCTGTACACAAGTTTG
TACGGGGTCGTACCGGAAGTTCTCGGCGGTCTTGGGGACAGTCTTGCCGTAAAGGCCAAT
GGTGATGCGGCCTAGCTCTTCATCGCCATGGGTGATGTCGAAGTACACCTGTGGAAGTTA
GCAAGACCGTGCACATGTCAATTGTGAGCTATGCATACCTTGTGGGTGATCTTGGGTCCC
TTGGCAGCCTCAGTGCTCTGAGCAAAGAAGACAAAGGTGATCGAGAGGATCAAGAGGAGC
GAAATGACGGCTCGTTGGAAAGTAGCCATGATGCCTGATTGTGTTGGGAAACAACCAAGG
GAAGTCACAGAGTTAAATAGTTTGGAGAGCCCCCTGCTTGAGTGCAATGGTGGAGAGGTG
TTGAAACGTTGCGTTTTACCTAGGTAGAGAGCTGGACTGCCCGCACCGTCGCACTAGTAC
TTTTTGGGTTTAGTGAGAAACGGAAGTCTGGAGATTCGAGATCAGACAAGACAATTGACA
CTCCAACACGCGAACTCGCCGTCGGAACGCTGATCCGCCATGGTACGCTACTAGATCGCC
TAATCCTCCTCGCGTGCAACTCACTGACGGTTTCAGGTGTTCATCAACGGCTTCAGCTTC
ACGGAAGCGACGCTCGTCAAGCGGTCCCTCGAATCCTTCTTCGGCATCGGGCCCTCGGTC
TCGCAGCGCATCATGGCGAAATTCTACATCCACCCGTGGGCGAAAGTCGGCAGTTTGAAA
AATGCGACAGTCATGGATCTGACGGCCGAGCTGGCGAACATGAAGATTGAGAACGATTTG

CGGCGGCAGGTGCAGGACGATATTCGGAGATTGAGGGATATGGGCACATATCGTGGAAGA
AGGCATGCTATGGGTTTGCCTGTGAGGGGTCAGAGAACAAGAACACAGGTATGTTCAATC
CTAGTGGCGGGGCTACGATTGTGGTGGGCATATGGGCTAATGGTCATAGATTGCAACTGC
ACGACGGTTGAACAAGATGGAACGAGGCGGTACAGGAAGAGTGGGATTGTAAGGTGGAAG
GAAGCGTACATACGAGTGTATAATATTGTACAGTATGCGGGCATAAAATGGTGTCCACGA
TACACGTTTGAAGAGAATATACAGCACGTTAACGACTCAACATTACTCTAGTTACCATAG
GGTACGTCTTGATCTCCACACAGAGAGCGGGACCATGTTTCGACGATAAACAGCTATAAG
GTCTGGCCATGGGAAATCTCTCGCAGAACTAGGCTGTCATTCATCGTTCAGAATTTGCAA
TCTACACAGCCCCTTGCCTTGGTTCAAAATTCTTCGAAACATGTTTGGAGTAATGACAGT
AGCAAGCAGAAGACTGACAAACATGTTAATCGAAAGTGATGGCCACGAAGGAGCTGGTTT
TTGATAGGCTGTACCTACTGTTGAGGATATACCATAAGAGCTTACACAGTAATCTGCCTT
GAAGCTCGAACAGTAGAACAAGAGTGTAGAACTCTGGGGTAAGGCCTGTTGCCCTGGAAT
ACTGGCTACTCTTAGGCCACAGTATCCGTCATGGTGCTGTCAAGGCCGGTGCGGAACATC
AGGACATTGGCAGTCTCATTCATGTCACAACATAAACCCAAAATCAGATGCTTCCTCCTG
ATCTAGTCTATGGCATCTAACTAGTCATCACGATTTTTATAACCATGCAAATTGTGAGCT
TCTTGCAGACATAGTGGCCGTGGACCCGGGGCCCAATGCTGCGATAACGGCATTATATGT
CTGCTCAACATATTACCTTGTTTTGCAAGCATGGCGACTGTGCACCGTTGGTGTCGAAAC
AGCATACCTACCAAAAAGCGAGTAGTTAATCAAACCAGCTTCTGTATTCGGAAGGATATA
CTGCTAATATCTACTCAGAAACTCTAATTCAGCTTATGCACGGTGTACTCTACATCGACC
AATCACTTCGTTACCATTTAGTCAGCGTACCTTTCCTGCCCGCACATTGGAATGAATGTC
ACGAAGACCGGGTTCGTCTTGCCAGACAAAGATTCGTTGCTCATACAAAGACCGAATCGG
ATCTCGACACTTTCTTGACGACCTTGAAAGCAGTGTCTGAAAGCGGGCGGACGTGCTTCC
GCGCTGGGCGGAAGCCGAAACGTTTTGAGGGAGTTATCATGGACGTTTACCCGCCATGCA
AGGGTTAGTCATGCTAGGATACCCAAGCAGCATCTGCTCCATGGCGCAGACAATCTCTAA
GTTCCGATAGGCGTTATTGACGTCCAGCTTGGCAATGTCTCTCCATCTGGCCTATTTTCC
TCCACGTTTGACGGCGGGAACTGTAGGCCTGGGCGGTAACGAAGCGGTCGGACGGGAGCT
TGCAAGCCGAACGGAAGCTCTCACATGCATGCATATGCATTGATACCGCCAAAGGCGATT
ACTGTTTGTAGCAAAGACAGGATTCATCAACCACTTCTGTATGTGAGCATGGTAGAAAAG
TCTATGTTTGCCTCTACCCAGAATCGGTGTCAATCTACCTAAGCTTGGATGGTTTGTTTT
CCGCAAGGAAGCAAAGTGCGGAAGTACAGTGGTGAAGATCACAATACTTCGGCGTTGCCT
TTCGGAACTTTGATATGCGAAGTATAATTAGACATGGGGAGGGCTTGCAGATTGACGCAA
CCCGCGTGGAAACAGCTGTCCCGGATCATGCTCGCCACCTCTCTGGGATCGCGTCTGCCT
CAGGTTGACCCTGCATACGTTGGGGGTGTGAATGCTGTCGAAAGACGAACGGTGCTCGAG
GCGCGAAGAAGAGCTGCTTGCGCCGCGCATCGTTAGTCGTACAAACGATGATATTCGTTC
CAGATTTCGGTCACACTTCATCTTGACGGCACGTTGCGGGTACTAGTGCAGAAACAGAAA
AACAAAAGCCGTTTCTTGGCCTTTTCCACTCGATTTACCCCTGATACAGTGTCGCAAAGA
AGGATTGTTAGTCTAGCCCTTGGCTTAGTCGTGCAGCATAGGTGCAGCTTGTGATCACCA
TGCGTCGACTGTTAAGGGCTAGTCGTTGAGCTATCAGCGGCTCCCTGCAGCACACTTCGC
TTGACGGCGGATGAGTTTCAGATGTAATCGCAGGTCGGTAAGAATCGTACGATTTTGATG
AGCGTCTCAAGCGACTGTGTTTGCTGTTGAGATGCTCGAATATCCAGCCGCGGTGCAGAG
CGGATGACCTGGGCGCTTTTGCTGACCATGGCACACGGACAGCGTTCGTCTTTGAAAGTT
TATGACTTGCGGCTGATTCAGCCACGAGGGATTGGGCCAATGGCAGCTGATCGACAGGCC
TAACCTCGATTCGGCCTGGAGAATCCTTCTCGCTGCAGCGACCCAGCCCTTGAACTCGAA
CGCTATCCGTGCGCCAGAGACATGATTACGACCCGTGGACCCAATTGACGGCCAGATGTC
TGGCGGAAATGCACCTTCGAGTCTACCATGAATCGCAAATTACTGAGCCGTCGAGCCAAT
ACACCCTCAAGACTCGTATGTCAAATCATCTACTTTCCAGCCAATGGGTGGGTATTTTGC
AAAATTCGGCTCGTCAGGCTTCTGTCAGCTTGACTGCGGGCACCAGCGACAGTAGACCAC
GCGGACATGTCGTTTCTGCATAAGACCGTCAGTGGATGATGGCTCATCGATGATTACGGC
TAGCAAGCCACAGGGCTAGACCAATGGGAAGCCCAAAGCACACTTTTGGCGCCTACACCG
GCATGTAGTCGACTAGGATGCAAATGGCTTTGGGCATATCTCAAACGTGAGGGGACGCAG
CCATCAAGGCCTACGGAGGCGATCATGGAGACAAAGGGCTCCAGGGCTCGCTTCTGCTGC
AGGAACCAGGCTTGAATTTGGCCCGGCTCCTACAAGGGCGGTTATGGCGCCGAATGAGAA
TCCACCAGTCTACAAGCCCAAATCTCTTCTGTTCCGGCTGCTCCTTCTGACGGAGACTTG
TCTCAAGCTGCGCGGGACGCCCAGATGCTGACGAGACTGCTGAGCGTGGCAGCTTTGGAT
TCACCAGACACTCAGAGCGTCACCGAAACACTAATCCCCACTAACTATCTGCTATACTGT
CGACCAGATATCCCGGTCGTCGGCTAGCCCGTTTGAGACTTGAACATGGCGGCGACGAAT
ACAGACATGCATATGCTTCAGGAAAGACCAGCGGCACATCACATCCCTCAGCACCAGCCG
TCGTCGCCTTCCCACTCTCTATCCTCGCCGTCGCTCGTCGAGAGTATTCGCAGCCTTCGC
GACGATTCGACGCGCCCACACAACGTGCCGGCCACTGCGGACGAGCAACACCAAATCCGA
GCACGTCGCAAGCCCGTCCCGAGTCCGTTGTACCCAGCTGGCAATAACGGGCTCTCATAT
CAGCAGTTGTCCTATCAAGACTCACCACGCTTTGACGAACCGCGCAGTCCGCGCGAGAAG
CTTGACGCATTGCTTGCGGAGGAGCAACATCATACCTCGCCCATTCGCCCAACCAAGCCA
GCGCATCCGCCTACACCACCCAACGTTCCCACCCCAAATTTCACGCAGCCTTCGAGGCCG
TCTGCGTATGCAAAACTCCGGCAGGTGTCGTCACCCACGCTGTCCTCGGCTGGAATTTCC
CCACCAGCGTCACCCGTCACCATGCCTCCACCATCGCGGCCGAACCGACCTGAGACGAGA
CCGACGGTGCCTGTCCGCAACCCTTCAATAGATTCAGCAGCATCGTCGCTATCTTCGACC
GCCTCTCAGAACCGCCCTCCTGCCAACCATGCGACGCGACCGTCGCAAGATACGAGCACG
GCGAACCCACCAGATATGGCCGCTCTGATAGCCACGGCAGGCTCACCAGAGGCTGCGATG

CTGGCATTGTGGAAGGAGAAGCAGAACACATCCAGTCACAATGCGCAGCTCTGGCGGCTG
GTCGAGAAGCAACGGTCCATGATCATTGGGCTGCAGAAAGATCTCGAGCGCGCATTGAAG
GACAAGGACCGCTACCGCAGGAAGTTCAAGGAGTATGCTGAACAGGTACCACCAGGTCCT
GGCTCACTACAGAAGTCCGACACTTTCGACTCGGTCGTGGAACGCGAGACTAGCCAGTCG
CCAGCCCTCAGTGAGCCAGCTGGCGAGCCCGCTAGGCCCAGCGACTCCAAAGCCGGGGAG
CACAAGACATCGCCCTTGACACAAGAGCACCCCGCGCCACATCTCATACCAGACTCGCAA
TTAGCGACCTCGCCGTCTCACTCCACCGCATCGAATCTGTCGTCAGCTGTGAACTCGCCC
ACTGACTATTCCGTACAACCCCTTAGCCTTGGTAGCAAAGGTCTCGGCCTCGACGCCACA
TTGCTGCAGCCCGGTGATGCTGTTCAACCTCCAGAACAGGCCTCGAAGCCGACTACGCCT
CCCCAGAATAACTCAGATGTGACGATAGTCCCAAGTGATTCACAGCTCCAGCCTCCACAG
ATATCGCTGATCCAGGCCACGCCTGTCATTGGTGGTGACGGTTTCGAATCACCTCCCAGA
AAGACTCCACAACCTCTGCGTAAGGCCCCGCCAGCTCCGCTCAACCTCTCGAAACCCATT
ACGACTAGCGCACATCTCCACCAAGCTGTGCATGGCGACGATGTTGATTCAGACTACGAT
GATACATTGGAAGTGGACGAGATACCTGTTGTGGAGCTGCGAGGAAGGAGGAAGACTCGG
GAGGAAGATGATCGAGTCCGCGAAGCTATGTATTCGAAAGACGAGGAAGCTAGAAGCAAG
TCGAAGAAGAAGAAAAGCGAAAGCAAGAGCAAACAACAAGCGACGCCATCTGAAACACCA
GCAGGCGATCAACCTCAGGCGGTCCCGGTTCCCCTTTCGCCGCGTCAGTTCAATGCGCTG
CAATCGGGCCTTCCACTCTCTCCCCGTCACCCACCTGCTAACTCTCTCAATGCTCTTCTC
AGCCCTGCCAACTCGGATAGTTCTATGATGGCCAACCGGAGTGTTGCATCGCCACTTATG
AGTCCAGGACTTCCTTCCAGCCCCAGACCTACCGATAGGCCACTAGGGTCACCATTACCA
AGAAACCCTAAGCAGTCGATAGCATCACCGCCCATGTCGCCAACTACTACCAGTCAATCA
GCTGGACGGCCGGTACAGCAACAAGTTCCTCTCCCGCCAAACACACCTCAGTCTTACCAG
TCACCTCCAGTCAACCAGAGTCAACATTCTAATCAGCTCCGCAAAGAGTCGTCTACAGGC
CTCTTGACAGTACCAGGTGCGCAACCTAGTCCAGAATCGCCATCAAGTAGCCCTACTTTG
AACGATGTTCCGGATGCAGAGCATGTCTATCGTGGACTCGTCTCTGATCAGTACCCTGGA
CTCTTGCTCCCTCCCAACGCACTACCTTCTATTCAAGTCAAGGTCTTCTCGTCCCGCCTT
CGGCCGTCACGTATGAGCATGCTAGCTCCTAAACCACAGGAGGAGGACCCTGTCTTCATT
CTCGCCGTCTACGCTCGTTCAGACAACAAACAGCTATGGCGTGTGGAGAAAACGATTGCC
ACGCTACCCTCTCTAGACTCCCAGCTGAGGTCCATGTGCGATTTCCAGGGACAACTCCCA
GATCGTGGTCTTTTCGGGGGTCATGCTCCTGCCAAGATTGATGCTCGAAGGGTCGCGCTG
AACCAATATTTCGATACTGTTCTAGAAACCCCTATGAACGAAAAGACAGCCTTGATTGTG
TGCGAATATCTTTCCACTGACGTCATTGGCGCACAAGCTGGTGACAGACTGGCCCCCGAG
CCCACACCGGGTCCAACGGTGTCTGTTCAGAGAACGCAGCGCAAGGTCGGTTACCTTACT
AAGCGTGGCAAGAACTTCGGGGGCTGGAAGGCACGTTTCTTCGTTCTGGACGGCTCAGAG
TTTAGGTACTTCGAGGGCGAAGGTGGTGCGCATCTGGGAACGATCAAGTTGCAGAATGCA
CAAATTGGGAAACAGTCACAACAGCAGTCAAACCAATCGCCACAACGAAAAGATGACTCC
GAGGACAATCAATATCGACATGCCTTCCTCATTTTGGAACCAAAGCGGAAAGACTCGACA
AGCTTAGTTCGCCATGTGCTGTGTGCAGAGAACGATGAAGAGCGAGATGCTTGGGTTGAG
GCGCTTTTGCAGCACGTCGACATACCAGATGAAACTTCACCAATCGAGATTCGTGTCCCC
TCTGCCACACGTTTACAAAAGCCACAGGCCAGTCAAGACTCAACGCGCTCGCAGCGGAGA
GACAGCCCTGATGTGGCAGAGCAAGATCGCTTACAAGGCCTCAGCTATGATGACGCCGTT
CAAGCTCAAGCGCCTGTTCGCGGTCCCAACCACAGAGACATGATGGTGGAAAAGGCTTCA
CGAGGCTCCCCCAAGGAATCATCCTTCCACCAAGACAACTCAGGTCACTATCCTGCCATC
TCTGGACCCAGCAATGGAACCCCAATCAAGGACTCTGAAAGCTGGGGCAGCAAGCTAATG
GCGGGACCCACGGCAGTCAAGGATAAGAAACGCAGCATATTCGGCTTCAGAGGTCGCGGC
GGTTCTTCCGACCTTGCGCCAGTACAAATCAGCACCCCACTGCAGTCAACCACGGAACAT
CGTCTACCCCCGGGCCGCAGTGTTTTTGGCATCCCACTTATGGAAGCTGTAGAGTTCACA
CAGCCTGATGGAGTCAATGTGGCGATACCAGCTGTCGTTTACAGGTGCTTGGAGTACCTC
CGAGCAAAGAAGGCGATTAGCGAAGAAGGCATCTTCAGGCTTAGTGGGTCGAACATTGTC
ATTAAGGGCCTACGCGATCGATTCAACAACGAAGGCGATATCAAGCTGCTGGACGGGCAA
TACTACGATGTTCACGCTGTTGCGTCGTTACTGAAGTTGTACTTACGGGAACTACCGGCC
TCTGTTCTAACTCGGGAACTGCATCTTGATTTCCTCAAGGTTCTCGGTAAGTATTTGGCC
TTGAAATTGATGAAAATAGATAGTTCGCTAACACATCGTAGACATGGACGAGCGTAGCAA
GAAGATTCAGAGCTTCAACGTTCTTGTACACAAACTCCCTAGGCCCAACTTCGAGCTGTT
GCGACACCTCGCATCGTTCCTGATTGAGATTGTGGACAACTCGGGAGTGAACAAGATGAC
AGTGCGAAACGTCGGCATAGTGTTTGCACCAACTCTGAACATCCCAGCTCCGTTGATATC
TTTCTTCCTTACTGATTATACCGACATTTTTGGTGCTGCTCTTGACGAAGCCAGCTCTCC
GATCCACGAGATTCGGAATAACACGTCTCATTTAGGTGACGATGCTATTCGATCCCCAAG
GAGGCAGATGTTTTCTGATCTCCCAACGCCTGCGTACAACGAGACAACGTTCCAGCAGCG
TATGGATCGACCGCCTCAAGGCTACCAAGGAAACAGCGCTCCCAACTATCCACCTCCGCA
ACCTCCACAGCAATATCAGCAACAGCAACAGCAGCAATACAGTAACCAACAACAGCAGGG
TCAATATAGTGGCTACGACTCAGGCTTCATTCCGATGCGCCCCAGCTACGACACCCCAGC
CTACGATCAACCTTATAATTCTGGAGAGGGCTACGGTAGCTTGAATGGAGTGGTACAGTC
GAGTGGAGCGCGCGAACAACGGCAACGAAAACGAGAGAGTGGCATGCTCCTCATGAACAT
GGGCATGGGTGGCCAACGCAAAGGCTCGGGTGGACCGAACGCGCAACAACGCGGAGATGG
ACGATACGATCCACGAATGTACTCGCAAAACAACACGCCCAACCCCCTAATGGTACGAGA
AGAAACGGCATTCGACTGAGTTGAAGCAAGCCTTGGACTCGGACTAGGCCGGCGAACAAC
GAACAACGATACATGAAGGGATGTGTATACCAAGATTTGTGTTTAATTTTTGGATTCTTA

ATTCAGGACCACGGACTGGATCTTTGGTTTTACTTTGGGCTTGGTTTGGTTCTTCCTTTG
TTTTTCCTGCGCATGTCTTGTAACGGAGATATTTTCCCCAGCGATACCAGGCGTTTTTAT
GGACAGGGAAAGCAAACAAACGACTCGCGAGGAGTTGTGTGTCTGCTTTTTCTCTGTGTT
GCATACCCCATCGCCCTCTTCGGATTGTTTGTGCGGCAGCTTGGCTTTGGCTTTAGCGTG
GCGCTTTTTTGCGATGTGTTTTTGGTTTCTACCTTCGCTGAGATATCCTGGTTACTTTTT
TGTTACATGTTTGGCGTGGACATGCTAGATGAGGGTTCTTGTATTGGGCATCTGAGCGGC
TGGTTGGCTATGCAAGTAGAGTATCTAGCTACTACAGATGGAAAACGAATTGAATCTTGC
AAGGACGTTTGAAGTCATGGTGTTTGTGTCGTCGAGATGAAGTCTGTCTGCAAACGTGTG
AGGTTCGTGATGGGATGGCGTCGAGCGACATGCGTTGGTTCGGGGGGCTAGCGGCTGAGC
TTGGGCGTCGAGGCGCATTCGGGACATGGCCGCATCTTCCTCCTTTGCGATTGACGTATT
TGCTTGTTTGAGACACAAGTCTGGCGGCACAGGGATAGCAAGCCAGGTCGCGAGCTCAGG
CGTCATAGGGCCAATCCCATCCCACAGCGCAACCAGCACAGGCACGACTAGTGGAACCAG
ACACAGAGCACCCAGAGCTAATCCCCGGATCGCGTCACAGTCATGGACGACAAGCCTCTG
CCTCTGCGCGCCGACGAGCCCGACTCTCGAAACAGCCTACGACACATTCTGGCCGCAGAC
CCCCAAATGGACGACTCCAAGCCCGACGCATCCCAAGCAAACACGCCCGTCCCCGACGAG
AGCGAAGCGGGCGGCGATGCGCCAGATGCCTCGCGCCCAGCCAACGACAACGACCCTGCC
CGGCCCTACTACACGGCCACGACAACGACGACGCGCCGCAATGCCAACGGGAGCGTGTCG
TCCGTCTACAGCGGGAACAAGATCAAGCACCTCAAGAAGGACGATGGCATTCCCCTGTGG
CGCAAGGACATCCAGTTCGACTTCCTCAAGCTCGTCTTCGAGGACGACAAGCGCGTCTTC
ACCAAGCAGTCGGACAGCACCAGCGGACACACGTTTGCCGACATCTACCTCGATGCCATG
GCCAAGAGCAGCAAGTGCAGCAAGATCCTCAAGGACAAGCTTCTGACCGAGCGCCCGGCT
GCCATCAACATGGCCATGGTGTGTCTGCTCGTCAACGTCGGCCGCATGAACACCACCCTC
AACTGTAGGCCACATGTGCGACTCTTGACCCTTCTCCTCTAACACGTCACAGTCTTCCCC
GAGATGCGCGCCCAGCTACGGACCTACCACTCCATCCCCTCCCTCCAAGCCCACCAAGAC
CCCAACGCCTACAAACAGCTGCAGGATGCGCCGCGCTTAAAGTCCATCCTCAAGGGCGCG
ACTGAGGACCAAGAGCAGCCCAGCACCATCGAGGAGATCATGGCAGCTTCCATCCCGCGC
ACCAACCCCGTCAACCTCATATTTGTCCTGTCGCAATACGCGCCCAAGATCTCGGAGTTG
CACTTCTTCCCGCCTCGCGATTTCTTCGACCTCGTCATGCGCTCTAACCTGAGCAGCAAG
AGTAGAGCCACAGCCTTCCTATGGCTCATGTGGTGGTATCTCGAGAGCGACTTCACCAAG
GAAGCCGCTGAGAAGAATCCCTTTGGCCCTGGCCAGATGGGACCCGCCGACGACCCGACT
ACAGCCGAGTTTCCCATCAAGTGTCCGCCTTTCGAGATACTTTCGCCCGAGCAAGAGGCC
CTGGAGAACGTCGATTCGGTCGAAGAGAAGACATTTGGTGAGATTAAGCGCAAAGAGAGG
ACTGCTATATTGGCAAGCGACATGGCGCCCGTCGTCACAGGCCCCAAACGGACCAACAAA
AAGGGTGAGCACTCCAACCGGCATGCGTTTCGCCCCACGTCGGACCAATTCTAACATTTC
TCAAGGCTTCAATCAAAACCCCGTCTTCTCAATAGCCGCCGATGACGGTGCTTCGACACC
TGGGCGTGACAGACAGTCGCCATCCCATGGTAAGTTCCATAGATTTGACTCCTGAGGCGG
TAGTCTTCTAACATCAACAGGCTCTGCACGAGGACGTGGCAAGCTTGCCAAATCCATCAT
CGATCGAGATTACCCCTCAGACACCGACCGAACCCGCTCAGCATCACCTCCTAACAGCGT
CTACAATACAGCGAAGAAGGTGGCTACGCCCAACATGCGCATAAATACCCTCCTTAACGA
AGACGGCCCCGCCTCATCTCCCGCAGCCAAGGGCCCTGGCCGCGGGAACTGGTCCCGCAA
CCGCACATCAGGCATAGGCGCCGGAGGAACACCAGCAGCACGAAGCTTCAAGACCAAACT
CGACGCACCAACCTCGCAGGACGGCCAATCCCCCTCTACATCTGCGCCCACCTTCAACGG
CCCACACGGCTTCTACCTCCCACTCAACGGCTCCGATCCGTCGCACAAACGAACCCGTCC
CCTCACACAACACCAACTCGCCGTCGAGCAATACCGACGACGGCGCGTAGACGTCATCCT
CGACCGCGGAATTCGCATCGAATACGCCGCCGCCGCAAAACGCCGCCGCAAAGCCAACCC
CTTCATACGCAGCTGGATCCGCTGCAAAGGCATGGCAGATGGCTACGATACAGATGAAGA
ATCGCATGCGCAATACGCCCAACTCTCCGACTACGAACTCGGTACCAAGACCCCGCCGCC
CATGCCCTCTGGTCTCGTTCCCTTGGATTTTGGCGGCGAAGTCAACGACCACGGCGAGGA
ATCTTACTACCGCGCCAAGATGCTTAGTAGGGCGCTGCGTCGTCTAGATCGCTGGGAAGG
AGGTGGAAAGAGTGGGTCTAGAAGGAGGCTCAAGGGGGAGAGGGGCAGTGGGCTACCAGA
CGTTAATGAAGGGCGACCTGTTATCGGCAGTGAAGATGAGGATGACGAGGACGAGGATGG
CGACTTGATGGATGTGGATGAGATGGAGAGGAGGGAGGCGTTAGAGGATGAGAGTGCTGA
GGATAGCGATGACGATGTTGATATGGAGGGTGAGAGGAGGTGGGATTCTAATACCCTTCC
ACCTTTGCCTAGGATGGCGTAGATCATTATGTGGGTCTCTTAGGCTGTTCCAGTCTTGGT
TTCTTATTCTTTTTGCAGGACGAGGAGATTTTGTGTATCAATATGTTGGATTGGGAAGCA
TGGCGTTATGTGTGACATGTATGGCTGTCGGAGGATTTTTCATCAGCAAAATAGATTGTT
TTACTTGGTGTATTTTGTTTGTCATGGCATTCTTTCTGAAGCTTGTTTATGAGGGGAAAA
GAACGAACCATGGTATCTTATAGTTTCATTCGTGACTGTAGTGCTATATATACGTCGACA
ACCTCGAACAAAGAGTACTGGGCTAGTAAAACTGGAGTTGGCAACAAGTGAACACCTGAC
GCTCGATCCGTTGATTGCACTGTTTGATACCCTGTTGTCTGGTGGCAAGACATCTTTAAG
GCGAGGATAGGTAGCAGAGAGCACGAAACATGGTGTTGCTAGTATGCTTCACTTCGACCG
TTCCGTTGACTCCTAGATCACAATATATATCACGCAAGACTGGAGGTTCAACTCAGCAAG
CATGCAGCAAATCAATTTTACTACGCTAGGACTAAACCCAAACTAAACGTCCAGTGGTAT
CATCACGATGAGGATTAGCGAACAATTTAACCTATGAACTCCCCTCCTCCTTCGTCTCTT
ATGCTATCTTGTCTCTCCCACCTTTCAACACCCTACTCCCTTGCACTCCTACAACAGAAC
ACTCCAGCCGATCGTCTTCGCAGATCGCTTGAACTCGAGGACAGCGACCACGACGACACC
GACGGACGACTTGGACCCGGACGCGGATCCGGCCCTGGACCTTCCTAAGGCGCAATCGTA
TAAGCATTCCCATGCTCATTATCGCCACCAGCGTTTGCATGCCCATTAGAGGCATAGTTC

ACATGACCATTAGCCAGCCCATTCGTATGTCCGTTTGTAAGCCCGCCCGTGGCATGGCCA
TTCAGTCCATTAGCCACAACATCCTCGCTATCGTAATGTAGACGCAGACTTGTCGGAATA
GGACTCTCCTTCGAATTAGAATCGAGATAATGCCGCATCGTGATGCCCGCGAGTTTATGC
TCGGTAACGGTAAAACGTCCTTGCTTACCGGGCGCGCGACGTACATTTGGCAGTTTGAAT
ACTTCACGAAGCGTGGCAGCGAGAGAGGGACCGACAAGGCGCGCGCCGAAGCAGAAATGT
AGACCGTGGCCGAGTAGAGTGTACTCTTTAAATGATCGATGGGGATCCATGATCTCAGGG
TTGGGGAACGCAACGGGGTCCATGGCAGCCTTGGACGTGGCAATGAGGATTGTGTGACCC
TTTTTGATGGACACGGGGCCACGGACACCGTCGTTGACGGTGATGTCTCGGGTGGCAACG
CGAGGGAGACCAGGAACCACGCCCACATGGCGCATACCCTCGTAAACGAAACCTTGTAAT
TCGCGATCCGATTTTGCGGGATCCATGTGCGACAGTTCCACGATTCGCGCCTTGTACTTT
TCGTACCCGGGCGAGAGGAATAGGTCGATTAGCAGACTGGCTTGCTGGGTCAGATTTCCG
GCCACGGGTGCTCCCATGCCGATACAGTCGCCTACCAAGTCGCCAATGGGCAGCTTGGTG
TCGGCAAGGGTGTGGTAGATGCGGTCGGCGTGTGGACCTACTTCAAAGGCGGAGCCCTTG
GCCATCCAATCTACTAAGCCTTCAAGACGCCCTGTCTGTGTCTTCAGGTGGGTTTCGAAG
ATCGAGCGGAGTGGTGCTGCGGCCTGCATCGCGCCTGCTCGCAGTTTCCACTCATTGTGT
GGCATTATGTTGAAGGATTGGTACATGACTAGCAGTTAATTAGCCGGCTGTTCGTAATTG
GAAATGGCTGGTGTTGTAACTTACATAGAACAAGATATGCGAGAAACGCTTCGTGGATAG
AGAGTAACCCTCTAGGTTGCTCTTGTGTCTTCAGCGGAAGTGCAAAACGCTCTGCAAGCC
AGAGGATTGGCGTGATGTTGGTAACATCGCGAACAATGTCGATACTCATTCTGCCCTTGG
CGCCTTTAAGTGAGTTCTGCTTGATGAGTTTCCGTACGTTGGTCGTGAAGAACTCATCGA
TGTTCTTCTCAAAACCCTCCTCGAAGAAGACCTTATGCAGGATTTTGGACCGCTCGTCAT
GCTTCTTTTGCTCGTCCCATCCGATCATGAAGTCATGTCCAGCCGTGCAGTTGCGAATAG
CTGCCTGGTACATGACAACAAAGTTCTCACGGTCCTCGAACACTTTCTTGCAACCTTCTT
GCGTCTGGACACTGATGATGTCGTAATCGCTCGGAGGGCGCCTGAGATCATACTGTTCAA
CCACCTTATTGCCTGTGAGAATCTCTTTAGCTGCTTTGGGCGTGTAAAAGGGCAGCAGCG
CGTAGCTGGAAGTTCCTTTGAATCCACCTGGGAGACCCTGGAAGAGCAGCTTGGGAAATA
CGCCGCCATATGCTCCTGGTGTACTCTCTGACAGCAGAGCCGCGCCCCACTGCGTAAGAG
TGTTACTGTTGAAGTCGTAGCTCAGGAAACGGTCACCGCGGACCAATGCGACAGCATCGT
CCAAGATACCTCGACCAGTTGTCTGACCGGGACAAACGCCACTTCCTGGCATAGCAGGCT
TCGTGCACTCAGCCATTAATCCCGGGTATAGTTCCATATTCTCCATATGACCATACAAAA
GCTCGGCTGCCCGCGCCGTCTCTTTGTCAGAGCACCAATCCTCGAACGTTTCGTACGGCT
TCAGATTAAGATACCGACGGAATTCGTTGAGTGTGCAAACATTGAACATCTCACGGGCTT
GTAACTGACCCATGAGATCGACAACCTTAAGACTGGCTGGTGTACCATGAGCACCAAAAG
CGTGAGCAGGTTCTTCGATGCAGTCTTTGATCAGCTCTGAGAGTTGAGCATCGTTGAATC
TGCCATCGGCTCCCCGCTGAAGGCCTCCGAATGTCCATTCCCAGGGCTTCTTGTTCATCA
AGTCGTGACCGTACACCTTCATAACCTTGTGGAACATCTCGATTGTTACATCGTCGATGT
GACGTAAGTCGGGGAAAACAGAACGGATGATTTCTTCCATCCAATTCTCGTCGGCAGCAC
TGAGAGCAGCATGCCAGTGGTAGAGAACAGCGAACTCCACAGATACATGACTGCCGGTTC
CGCGCTCGACACGTGTACCACCCTGTTTGATCTCTTTACCGAGATCGAGAGACCATTCTG
AGTTGGCTCGTGGTGTGTTCAAGATGGCAGCGACGTAGTCTTTCAATACGACTGAAGCAA
AGAAGCCAACGTTGATATTGCGAGTAATCTGGAAGATGTCCTCGTCTTGCCTAACAACGT
GTTAGACCCATCTAGGGAGTGGAAGGTGCTTAAGACTTACCATTTTCTGCCCGCTTCGTC
TAAACTATCCCACGGCTTATATTTGCCGTCCTCGTTCACTGACAGTAATGATTCCGCAAC
GTGGTTGTGGTTCCTTGAGAACATCAAAAGTACAGCGACTACACCAGGAGGCATCATCAT
GATGCGCTCCGAGGCGATAGAGTCTGGATATATCAGGCCATTCTTGTATGTTCGCACGCG
CGGCTGCTCCTTCTCTGTGTTGCCGTACAAGGTGCTGAGGTCAACATAGCTCGAAGTCTC
GTTGATCCAAGGATCTGTCCTAGAGGTTTGGAAACATTCGTGAATGACGATAGTTGCGAA
AGAGAAGAACAAGCGATTGAGACCAGAAGGATGCTCGCGGAAAGGCCTATCGCGCTTGAG
GAGCGCCTCATACACGTCTTCAACGTCGGGCAAGTTTGGTCCTACAGGTAGTTGTCAGTC
CCAATTCGAAAGTCTGTCGCACGGGAGGATTACTTACCTTTCGGTTTTGTTGGAGGCACG
TTGCGCGCATACGGCGATCCTGCCTTGCCCATTTCGGGGTTGTGAGGATTGTTTCCCGAG
CCGTCGTGCTTCCGGTATCTTGCTGAAGGTCCAGCATGTGTAGGCGTTGGGTGGGGCAAG
TCATTCCAGAGCATGCTAATAAACCCGTCTGAGACTTTTGCGCTGAGACCGCTGTTCAGA
GGCAGTCCCTGTAGCATCTGGACTCCCTTCTCGAGAAGAAGATCTTTATCGTCCAAAGGC
TCGCCTGATGCCAGTGTTGTAATAGCGTCGAGAGCGAATTTGGCATCCTTAACACCGAGA
CCTCTAATGTCGCTGACAATGCCGGTCTTCTGGTGGTTCTTCAGCCCGCTCGCAACTTCC
GCCGTTCTGCCATCGCTTGCTTGCGTAGGCTTTCTCCTGATCTTTCCGATCAATGTTTGT
ATCTGACTAGGCATGATGAATAGTTGTGCGAATAACCATGTGGAAAGGATGGGAATGGGC
AGAATATGAATCCCAGGACGGTAGGGAAGTCAGGAAGTAAGTTCAATGCAGCTTGCTGTT
GATCTTGGAAGGCGCAATGCTCCCCACACGAGAGCTTGGCCATGGCAAGCAGCGACGAGC
CAGTCCCATGACGACGATCGCTAGCAGCTTCGGTGTGTTGATCAGCATATGCACTTGGCG
AACAGTGTCCTACGGCTTCCAGTGAGGGCGGGTGAACCCATGCATGCACCAAGGCGGAAA
GAGTAGCGTCTTGATCTTGATATCGTCAAAGCTTTGATAGCTGCAATTATGTGAGTGTTG
ATTGGTCATGAGCTACTTCGTGGAGGGTAGCACTAGACGGATGCTGCGCTACCTTCACTG
GGAACTGACAGAGGGGTGTTGAGTAAGTCCAAGAGACGATCTGTGGGCAGCGTCGATAGG
ACCCACAGCGTAGCAGCACCATTGGCCCCATTGGGGATGGAACTAGAGAGGCCCACCTGT
GATGATCCATGGATGGTTTTTGTAACATCACGAAGCATGCTCAAAAGAAATGTGTATGCC
GCACGGGTACACCTGCCACGTTTCAGGCTTCAGCACCCAGTGATTGTCTGGGGACCCGTC

GTGGTATGATTTTGGTAATCTGATGCCAGGCTGGATGTGCACTTTTGCGCAGGTAGCGGT
CGACGACGTGATAGACAGAAACGGCGACCTGATCTTGCGACCATTCCAAACAGAGACGTA
GACGAAAGCCATAGATGAACTTTCAAGCGATCGGCATCCTGATTGAGCAGCCTTCGGCTG
AGTAGTAGAAGAAACCCCTAGCGCTTGCGGGCCCGGAATTGACCGATCCTATTTCCCGGC
GGCTGGTCGCGCATTCATCTGCTAGCGAGTGAACAAACGAAATGGAGTTTCAGCTGATGC
GGTGGCGGTCAACAACTGGAGCGCGAGCTTGCAAATCTCCGAGTAGGGTGCGGTATCGAG
CTAAGTACTAGCATCCGCAGTCTGTGGCCTACGGCCTGTCCCGAAGCCGTAAGGTTTACT
GTTCGGTTCATCCAAGACGCCGGTGGTGGTTGCGATGAGTGGGAAGTGCGATCGATAGTC
GAGAAGACGGGAATCGAGACGGCTCTGCACGGACCATGACCCACAAGTGATCGCTAGCAG
GGTAGCGCCAACCACCTCTAAACGACGCGACGTGCTTTTCCAGCTCATATGTCGGCGAGC
AGACCTACACCAGCAACTATCCTCTGATCGGCACAGCTGTGTTGAACGCGCACGCTTATG
AAACCAATAGAAGTTGACACGATTGTGATTCCCTGCACCGCACTCAGCATTAGCTTGCGG
GGCTTCTCTGTCGGAACGCGTATCATTGCGTGCACCGGTTACCTCCAGCCAGGATGGTGG
CCGGAAAACGACATTGGCTCAATTGCGGTGAAAGGGTCATCCAGATTTCTTTTCTACGAT
CAACTACGGTAGAAGACGGGGCAGCATGCGGTGCATCTGTCGTGTCTCCTGTCAGCCAAC
GCTGCAACATATGTGTTGCTTCCACATCATCTACATAGATACTTGAAGTGGGGGCGTGGA
ACAGTGCATGGTAGCTAGTTCGTATCAGCCATTCCAAAATCAATGACCTCTGTAGGGCGG
ACGGCACTTCGAAAAGATCAGCGGCTCCTGATTAGCGGCGGGACTACTCCGAACCCACCA
CACGCGACATCGACATGTCGATAGGCGAGTGTCTTTGCAAGCTGCATTAGCAATGGCGAT
CAATATCTTAACATGACTTGATACGTTCGGAAGCTTTGGGAACAGGCCGGAGGGGAGCAT
GCGTCAGTTGTGTTAGGCCACTGCATCCGATCCCCGCGATGATAGAAATCACTTGGCTAC
CTAAGGCTTCGCAACTGCTTCGTTCTAACTACGAAGTTGCTACCCTCTCAGAATCCCCTC
CCTGCTCGAGTTCCACGTTGTCAGCATGGCGCGTATAAACCCAGAGCAGTCACGTCTCCC
TAGTGTTTCACCCCAGCTTCCCGCACAAACACCTAACAACAACCCTATGGATTACGGAGC
AGTATCGCGACGTCCGAATCATGTGACCAAGAAATTTGTCCTGTGCTTTGATGGTACAGG
TAACAAGTTCTCGGGTACAGATTCGGATAGCAACATCCTGAAGATTTATCGCATGCTCGA
TCGCAATGGGGACGATCAATTTCATTACTATCAGCCTGGAATCGGCACCTACGTTACGAA
AGCCAATGGATCTATGACCCGAACAGGCCGATGGGAGAGGTTTCAGTCGTGGTATGCGAA
GGCGAAAGACAGCGCGATAGGTATGTTCGATCGGACTTGGCTGCCAAGCATGAGACCTAA
TCTAGTATAGGAACTTCATTCGACCAGCACGTTATGGCAGGATATAAGGTTAGTAATTAA
CTGCCTGAAACAGAGCAGCAGCTCCGGTTGCTCGCTTGAAGGAACAACCATGGCGCATAG
CACTGACACGCTTTGGACAGTTCCTGATGAGATACTATACGCCTGGTGATGACATATTCT
TCTTTGGATTTTCACGAGGTGCCTACACAGCTCGTTTCCTTGCGGAGATGCTCGATCACG
TTGGCCTTCTCTCTGTAAGCGCTTGTTCACCATATATCAAGAAGTTTCTAACATGCAACA
GGCTGGAAATGAAGAGATGTGCCAGTTCGCATGGAAGTAAGTACAGCCTGAAGTCATTGT
AAAACCCTCACTTACACTTTTGGTCAGAACATTTCAGAAGTGGCAATGTCGACTGCCAGA
AGAGAAGGGTAGCAAAAGCCGCAAGTCCGGCGAGAAATCAGAAAAGCTAAAGCTTCTCGA
ATTCATGTGCGCGTTCAGGGAGACATTCAGCCGCCCTGTCAAACCCATACGCTTCCTTGG
TCTTTTTGATACAGTCAACAGCGTGCCTGCATTCGAGAATGCATGGATGCAACGCAGCAG
GTTCCCGTATACCGCAAGAAGCAGTGCGAACGTAATACGTCATGCGGTTTCTATCGATGA
ACGGCGTGCAAAGTTCAGACAAGATCTCATCTCCCAGGAGAAGCCAGACAGGTCAATGCT
TTACAAACACCGTCATCACAAGCATCGGCAGCAAATGAAGGATATGATCCACGGTGATCA
TGAGGATCATGATTATGACGAAAAGGATCATGAGGAACACCAAGAGAGAGGTCGGCGGGA
CACGTTAGCACCGCCTGAGCGATTCAGAGATCCACATGAGACTTCAGGCGTGCGCAGCCG
TAGCGCAGACCGCTCACAACTGGATGGTGTTCATGGCTCTGCTACTCCTTCAATGCGATC
GTACGACGCAGCAGGAACTTTCAACTCTCAAGACGAGGATGGTGAACAAGACATTCAAGA
AGTCTGGTTTCCAGGGTGTCATGCAGTGAGTGCATTTTACCTGGGATAGACCTTCAAAAC
TGACAATGCGTAGGACATTGGCGGAGGATGGCCTCTCGGTGACGATGATGCAGCGTTGAG
TCACGTAGCGCTGGTGTGGATGGTGCGCGAGGCTCAAAAAGCTGGTCTCGACTTCGACGA
AGACAAGTTGGAGGCCCTGAGTTGTTGCCATGAGGAACCTACAACCACCGTTTCGCGAGC
CCAAAACAACATACCGATGATTGCGATTGATCCTGCATCACCCTCACCAGTCATTCCACG
CAAGAATTCGGATGCGCCGTCCATGGATACAGCAGGCTACACTGACGACGACAACATACT
TTCTCATCACCGTGAACACCCGAACACACACTTCCATAAACACCTCCACAGCGCCGCAAC
TAAAGGCCGTATTCATGATGTTCTCCAGTTCAATAATGGCGCCAACCGTATGGGCGTCGT
CTCGTGGAACATAATGGAGTATCTACCCTTTCGACGTATGGATCTACAAGAAGACGGAAC
CTGGAAAGCAATCAGATGGCCTTTGCCTAAAGGCGAGACCCGTGATATACCCGCCGATGC
CGTTATCCACAGCAGCGTGATTAAGCGTATGCGCGCAGACCCAACCTACCGTCCTGGCAA
TCTGATAGTAGGTGGTGGTGGGAGAGGTGTCAGGCACGCACCCAAGGACATGGGTATGGG
TCAATGGGTTGTCGCTTGTGACGAAGGCCACCATGTAGGCGAGTGTTTCAAGCGCAGACA
CCCACCTGAGAGGACAAAGACAGACGAAATGGAGCAGCCTGCGTGTGATGGTGGTATGCA
GGTAAGCTTCCTCTGATCGTGAACACCGAGAAGGCAGAACTAATTTTCAGTAGGGAAATT
ACTTTGCTGGCCGCAAGAAGTCGACTGTCATGTAGACCAAGACACTAGTCCTATGCGCCG
CTTCTACCTAGATAGTTCCTGAACACTGCTTCCAATTTACCCCGCTTTTAATCTGGACGT
CTTGAAGCCGGTGCTCTTCGCTTTCGATGGTGTCATATAGTGAAGTGTGTTATTGAAATT
ATAGTGACGTGCATGCCGTACGGCCTCGATACATGATCATTTATATCGTCTTTTCAAATC
TTCACTCATCTACCTAACATCTTCTTCAAGGAATCTTGTGCTCAAGCCTTCTGCGCATCG
TGACCCCAGTTCTTCAAACTCTTATAGCTCTTACTATCGGTGTCTTTCTTCGCCTTCTCT
TCTTGCGCAAGATGCCTCTTGCAATATGCTACTACCTTGCGCATGTGATCGATGTCTTCC

TGGTCGTATTTACTAGCTTCTTTCTTTGGATTCTTCTGCAAGATGGCAACAATTTTACGG
CCTGAATCATGACCGATTGTTTCGCCGGAGCCGTTATCCTTGGACCTGTAGGCGCCTTAG
AGACTGTGTATGCCATGCAATTCGCAATGTCAGCATTGCATTAGAAGGAGAGTTTACCAG
CCGGCTCCCTCGGACTCTTCGCTGCCGAGCCAGTCTTGTAGCTCGTCTGCTGACATGTTG
ACAAGCTCGTTGAATTCCCTCGGGGCGCCGTAAGCACTTGGCCTCGCCTCAGTTCACACA
AGCTACTCACTCAATTACGGTTTCATTGTCCTTGACCATCTTGCTATGTATTTAGGAATC
GTGATAGGTAGTTCGAAATGAGTATTGTCCAGGGTCTTTTTTGCAGAATATGCTGTCGAC
GTTTCCCAGTTCGATATGCTCAATCCGCTCTTCAGCGTCGCGATGTCATGACATCACGAC
CACGCCCTAGCGCTACTGATGGCGCCCAGCCCTGGGGCACCAAGAAACGGTCGCACGTGA
CCTAGCGGAGCGCGTCGCGTATCACAGTTGGCACGAATGTCTCTCACGCAGCCAGACATT
GGCGCAGGGATATTGGCGCAGTAAAGGATACGAAGACTGCATCAAGCTGTATCGTCTCGC
CGCGTTCTCGATGCAGTCTATACTCCCTTCCGCACCAGAAGCTGGCGACCTCTCGGGTGC
GCTAAACTGTATGGAGCGGAAAACTGCGAGAGTCAGGTCTGAAGCAATTTTGATGTTGGA
CTGTGTCAGCTATAAATCCAGCCGGAGGTCGCTGTCGTGCGAGAAGTTGCTGCAATGTTG
GTTTCGTTGTTCCATCTCCAGCTTTCGTCTCCAGCTTTCGTCCCCAGTGCTTACTACTTA
GTGAGAAGTTTTCTCCAGTCTCCGCAGCCTCCGCAACCCCTTCTTCTCCTCACCACACGC
AAGCTCCCCTCAAAGTTTTCACACCCACTCCGCGATGTGGGAACTACCGAGATTACGGCC
TCACTTTCTCGTCCGCTGCGGGTCGGACATGCCAAGTCAATGGAATGTTCTTAGTGGCTT
CCTTGAGCCTCATGTGGGCCTCCTGCACCAATCCGAACCAATCTGTCGCCGCAACCTGGC
TTACGTTGCATCCAAAACGGGTCCCTCGCTATACCTGACCGGAGGAAGACTGCAAGCGAT
CGGAGATTGCGAATCAAAACAAGCGCTGCGACAAAGCTTATGCCGGTTCACGCGGCATTT
GTTTAAAGAGTCGGAGGGATGGTCGGAGAGAGACTGGTGTTGAGGGCTGCACAGACCTGG
ATGGGGTCGTACACATCTCCATCATCCCCACTGCCGAGAGAATCTGTCGCATCTTGAAGT
GAAGTATCTTCACCGACATGGGCCCGGCCGAGGAATACGCGTCGTTGAGTCGACATCCAC
AAGTCACGCGACTATCAGTAGGTTCCTGGGGATCGGCTGTGCGGCACAACGGTCCCTGAG
GCTCGTCGTTGTATGCCATGCATCTGAATGCGGGGTGGGTGTCAGAGGCGTTCAAATCGC
ATTAGCAGAACGTCCTGTACAACGCCTACCGTCAGATGAGCATGCAAGAACACGATCCGA
TCCATGTGAACTCGAGGCTGTGTATCTCTTTGGGGGGACTTCCCGGAACGTCGGGCGGAT
TTGGCTTGGCCGTCGAATCGCGACCAGCTTCCCCACATACACGCCCCTTGTCCCCCAGCG
GCTGCGTCGCATTGACAAGCCCACTACTGCAGTTTCAGACCCCCGGATGACTTCTGTTTG
GCTGTGGAGGAGGACAAGCCAAGCTTGTAAGGCCGCTCGCGCGCAATTTCGCGTGACGGC
GTGGCGCGTATGACGTAGAGGCCCCGGAGTCGAAAGCTCGGCGCGATGCTGGGCATTACC
GCATAACGGGACACGGGATTGGAATTGGCATTGATACTTAAGAATGGATGTGTACCGGAC
GAGTAACCCCATCTTGCCTTGAATATCAATCTTCCCGTGGCCAAGTCATCTTACAATCAT
GGGTTTGGGCAAAGTGTAGGTTTTGATCCGGTTGAAGTACGCATACAATTGTGCTAACTT
TTACAGTGCTGTCAAGATACGCGGCGCCGAGTGCGGCATTGAAGCCATCATACTTGGAGT
GATTACTTCGATAGGTGGTTTCCTGTTTGGTTATGACACGGTATGTACCATATATGTTCT
GTTTCCAACCGTCCAACGGCTTATTCAAGATAGGGTCAAATTTCTGGAATGCTCATCTTT
AAGGATTTCATTCAGCGATTCGGACAGGACCAGGGCAATGGCGAGAAGGCTTTCAACCCC
ACGATTCAATCCTTGCTCGTTTCCCTCATGTCCATCGGTACCCTCATCGGCGCACTTGCT
GGTGCCTACACTGCTGATTGGTTCGGTCGTCGACGCAATCTGACCGTTGGTGTGGCCATA
TTCGTTATTGGCAACATCATCCAGGTCACCGCGATGACCACTTGGGTACACATGACAGTT
GGTCGCATTGTCGCAGGTCTTGGTGTCGGTATCCTGTCTATTGGCGTACCAATGTACCAA
TCTGAAGTATGCCCTCGAGAGATTCGTGGTGCCGTCGTCGCATCTTACCAACTCATGATC
ACTGTCGGAATTCTCATCTCCAACATCATCAACTACGGAGTCCGCGACAACCCAGGCGAG
GATAGCGATGCTGCCTGGAGGATCGTTATCGGCTTGGGAATCGGCTTTTCCATTCCTCTT
GGTGTCGGTGTACTTTTCACACCGGAGTCTCCAAGGTGGTTGGCGGGTAAAGGACGATGG
GAAGAGGCACGCATGTCAATGGCCCGTCTCCGAGGCCTTGTGCATGACCCCAACCACGAG
CTGGTCAACTCGGACTTCAAGGAGATGGAGGATTCCATCAACGAACAACAGAGCGCTGGA
CAAGGTACCTGGATGGAATGCTTCACTGGCCAGCCATCCGGCATTCCGCTTCTTGCTTAC
CGAACCCTTCTCGGATGTGCTCTGCAATTTTTCCAGCAGTGGACCGGTGTCAACTACTTT
TTCTACTACGGAGCGACCATCTTCCAGTCGGCAGGTATTGACGACCCTCTCCAGGTTCAA
CTCATTCTTGGCGCTGTCAATGTAGTCATGACCATTCCTGGATTATGGCTCATTGAGCGA
GTTGGTCGTCGTGTGCCTCTCGTCGTTGGTGGTCTGTGGCAAGCTGTCTGGCTGCTGATT
TTTGCTATCATCGGTGTCGTGCTACCGCCACAGGACAACCCGGCCGCTGGTATTGTTATG
ATTGTCGCTGCTTGCATGTTCATCGCAAGTTTCGCCTCTACCTGGGGGCCTTTCATTTGG
GTTATCATTGGAGAGACGTTCCCACTCCGCACTCGCGCGAAGCAGGCCTCTTTGGCTACT
GCTTTCAACTGGCTCGGTAAGCTATACATCTTCAACACATCAAATCTATTCACTAACGCT
CCATGTTAGGCAATTTCTTGATCGGTTTCCTTACACCGTACGCTGACGACGGTATCGGCT
ACGCCTTCGGTTTCGTCTTCTTCGCATGCAACTTCGTTGCGGCGGGTATCGTTTACTTCT
TCGTATTCGAGACCAAATCATTGTCTTTGGAGAATGTCGATATCATGTACTCGGACCCAA
GCATATCGGCTAGGACCAGTAAGAAGTGGGTCCCAGCTGGATACATCAGCCGTAACGAAC
GTGACGACACTTATTGGGAGCGTCGTCACAGTGCTGTTGGTGCTACTGGTGCTGCTGCAT
CCGAGAAGGTCGGCGACAAAGATGTTGATACTTCGCCTGAGAGGGGCATGTCAACGCACC
ACGAGAGGGTTTAAATATACTCCCATGGTCAAATACAGGATATCTTTACCTAGGCAGTCC
AGGTTAGAGATGTTCTCGCACTGCCGCTGTCTTCTAGCGGCTCCTCCATTTTAGCACTGC
GCTACATACCGCCAAGAGGCGTACATAATTTAGACTTTATTCAATTCCAACACATTAACA
ATTCGCTGCCTCTGTGATGTGAGAAGCTCTTTTGCATTCCGGAAAGGTGCCGGCACAGCC

ACCCCTGCTAATTTTAGCGTGGCGCATGTCACAAACACAAGCGGCAACGCGTCAGCTCCA
CGTCTTCTCTCCAGCCACTCTCCGCTTTCAAACAACAAGATACAGTGTCCTCGCTCGTTT
TACACTTCTGCCGCTCATTATCTAGGATTCTTTTCTGCTCAACTACGAACACTGAAATAC
CGGAAGATACGAATACGGAGCTATGCCGCCAGCAGTACCACTTCACAACACCAGCAACCT
CGCCAAATTAGCGCGTCGGGCCCTGGTCACAGCGGGGCCGGCTGTCGCTTCGCAGGCCTC
GCATCACTTCGAGCGCCGCGGATTGAGTGTAAATCATACTCAAGGAGTTACGCTAGGTGT
TATTGCTGCATATGTTGTTGTTATTGCGTTGTTGTGGAATTTACCGTATGTGCGATGGGT
GTTGTGGCCGTTCAAGGTATGTGCACCGTAGTAGCCCTAGGAGAAGATGGTCTGGAATTG
AGATCATCAGTGTGGTTGATGACCGGGTTCCTTGAGCTTGCAAAATCAGCATAACAGGAG
ACATGGATGGCTGATTGAATCCACAGATGCTAGTCATTGCCTTCCACGAATTCTCCCATG
CAATAACGTCTTGTTGTACTGGTGGACGAGTAGAATCAATCTCTCTTGATCCTCATGAGG
GAGGTGTGACACACATGCGCGGCGGCAAGCAATTCATTACTCTCCCTGCTGGCTACTTGG
GGTCTTCATTGATCGGCGCTTTACTTACGTTCTGCGGTTTCAACATCGTGGCCTCCAAAG
TAGCGAGTATCGTGCTAGGCGTATGTTTCCTACTGACATTGTGGTGGGCGAGAAAAGACT
GGTTGACGATTGTGACCATTCTGCTCAGTGTAGGGTTGCTTGTGGCGTTCTGGTTCATCG
AACATGGCGAAGCGTTAAGGTTCATGGTCGTGAGTACCCCTTCTCGTCCCTTCGAAAACC
GTCGAACTAAAAACTTTCCAGCTCTTTATCGGCGTCATGTCTTCTCTATACAGCGTGTGG
GACATCTGTGACGACCTCATCCTCCGCAAGGTTAATTCTTCCGATGCCAGCGTCTTCGCC
AAGCGGTACGGCGGTTCATCGCAATGCTGGGGCGTCATCTGGTCACTTGTCTCGTTGATT
TTTATGGTTTGCGGAATCCTCGCGGGGTTGGCAGCCTTCAAACAGAGTTTCGAACAGCAA
GAGAAGGACAGTCAAGACTTTATTCCTACCGTGCGCATGATGATGCGGGTATGAGACTTG
ATCTGAGGATATGATATGGTATGGACGGCTCAAAATATGTATTTGGACGGCACCGGGAGA
TCTGCAAAATTTGGTTGGCGCTGATATACCCTTATATGCGCGTAGTATTGAGCTTTGTAT
TGCTCAGATCGTTCCACGACAGCGAAATGACATAGTGTTCACCTCTCAGCGGAGAAAAGA
ACAGGTCCCTATGCGGATCTAGTTGAGTTAAAGAGTCATTCCCGTAGGCATGATGACCAC
CACTGTTAGACCGAACCACAAGAAAAGCGGGATGCAACTCTAATCGTCACCACATGTCGA
ATATCCAAATCACCAGCAACTTTAATCAGCAAGGCGTACATCCGCTCGATATCCAACGCA
GGTCCTTCCAGGCGTACTTCCCGTCAACTTACTCTCTCTCAAAGAATCCGCCAAACGCGT
CCTTCAAAGCCTCCTTCACACTCTCCAACACAACCTTGTCCTCGTCACACTGTCTCTCAA
CTTGCAGTAAAAGCATGTCGTAGACCGCGCGACCCGTCTCATGGCCCTTCCCAAGCGATT
GCAACCTGCTCGTCAACACCCTCCATTCCAACACCTCGTCGTCCTTCGCTTCTTCCAGTT
GCTTCTTCGCAAGCTCGTAATCTTCGTCTCGCTTCAATATCGCCTCGCGATAGGTATCAG
CGTCCTTGCGAGACTCCTCTAGCTCTTCGTTGGCAATGTCAAGGGCACCTTTGTGGGCAC
GGAGCTCGGAGGTTTGGTCGCGATATGTGGCTTGAAGAGAAGCGTGGGAGGCGAGAGCGG
CGTGGTAACGGTCGGTCAATCTGCAGCATTGAACACAGAGCAACTTGATCTGGTTGCTGC
TGTAGGCTGATTTGGCTTTCTCGGCTGCCAGCTCTTGTTTCGTTCTTTGAAGTTCGGCCT
TTTGATGGAGAAATTCACGCTGGAGGATAGAGTGTGCATGAAGTTGGCGTTTCTAGCGGA
GGTTAATGACCACTCCAAACTTGGGTATACACGTCGCTGTCCATTTATTGTATGTACTCA
CAGAAGCAATTTCAGTGGTGTGCTTTGTCTTTTTGGATGAGGGTTCTGGGGACGATTCCT
CTGCGGGCCGCTTGCTCGTTCTTGGATCTGTGGTCGGTACCATCAGGCCACGGGACTTCA
GCAACGCGACTTGTCGTTCGAGCTCGGTCATGTTGACTCGATCGCGGCTTGGTCTCATTG
GACAGTGCTGCTAGTAGTTCGTAGAGCAAGGTTGAAGTTGGTGCGAAACAGACTAAGGCA
CAGAGATGCAAGATATACGTGCGCCAGTTCTTCATCTCTAGGTGACTAACAGTTGATCGT
GGGTCACATATCGAGTGGGTAGCTTTGAAAGTGGAAGTGAAATGTGATAGTGGCTTGCTA
GGAGATGACTAAAGCCAGGGTGAAGCGTTAATACTTGAGTTCTAGCCAAGATGAAGGTGA
AGGTGAAAAGTGCCCAATCGAGAGCGGCCTCGAGTTTCACAGCCCAGAAAAGCTGCCTGA
TAGAGATGTAGACGCTCTCCTGACTATGAGGCATCTAATGCAGCCCCACTCCCTTCACTC
CCTCAAAAAGCGCGTCCTCCCTGACTAATACACTTCGACTCAGGTCCTTCTTTTGCACAC
TCTGGATACCGCTTAAATGCAAGGTCAGCTCCAGCTCACCCACCAAACTCTTGAGTACAT
GCTCCACGCCCTTTTCTCCTCCGAGTGCCAGACCATACACGTATGGTCTACCAACTAGCA
CACAGTCAGCGCCCAGCGCCATTGCTTTCGCAATGTCAGCACCAGATTGAATCCCACTGT
CAAAGAAGATTGTCAACTTGTCCCCAACAGCATCAACGATATGTGGCAACACGCCCAACG
AGGAATTCCCGCCATCAAGCTGCCTCCCGCCGTGATTACTCACAACAACGCCCTGCACAC
CAATCTCAACCGCTTTTCTCGCATCGGCCAAGCTCTGAATGCCCTTGAGCACGATTGGCC
CATCCCAGTGCCTCTTCAAAAACTCCACATCCTCCCAACTATGGCTCTCCCCGGGGAAGA
TTGTCCTCATCCATTCTGGCGCCGCAGTGTCCATTTTACTGTCCACATCCACGTCATGCC
TCTCCTTGAACTGTTTCCGGAACACAGGATCTGTCATACCGAGCTCCACGCCTGTGCGAT
CTGCGCGCATAAAGGGGTTGTATCCATTATCCATATCTTCGGGCCGCCAGCCAAGGATAT
ATGTATCTAGCGTTACGAACAGAGCTGTGAAACCGGATTTCTTTGCGCGCTGGAGTAGAG
ATATAGTAATGTCGTCGTGTTCGCGTGAGGGCCAGTAAAGTTGGTACCAGCGTTGGCCAT
CGGAGCCGTTGGCTGCGGCGGTATCCTCTATACTCGTGCTACTCGCTGTACTTAGGATGT
ATGGGATAGCCTCTTTGGCTGCGGCTTTTGCGGCGGCGACTTCGCCTTGGGGGTTGAAGA
TCTTCAGTACGCCGACTGGCGCCATGGCTATGGGCGCCACCATTTTCTCGCCGAAGATTT
CGGTCGTCAGGTCGGGGAAACCAGTGTACTTTACCAGGCGGTTTGGCACAATAGACCATT
TCCTGAAGGCATTGCGGTTTTTGTCTGTTGTTTCTCGTACTCCAGCCGATCCGTAGACGT
AGCCTTTGGAGTCGGCTGACATGCGGCTACAAGCCAATTCTTCCCATCTATCGGCCTGGA
ATGTGAGTGGTGGGCGTTCAAAGTCTAACCCGCGTGTGTATGTTTGCATCTCATAGTCAA
CGGCATCTTGTTCTGGTTTGTGGTTTTGAAATTTGGGATGGTGTTGGGTTGCTGTGGGCT

CGGACATGGTGATGTGGTGGGATTCGGGTTGCCCTTAGGATTGAAGTGATGGAACCCGTC
AGGTGAGAATGAGTGACGGGAGTACAGACAGAGCTATTCGAGTGGTGACAGACGCTTACT
GGAGCATAATGCACGTCACATCATGACAGCTTTACCGGATATTTTCGGAAACAAGGTAGT
GCAGGGCCTAATGGCGCATCCCGCACCAGGGCAGTCTTGTGAAGCTTAGGTGTGAGCTAT
TTGTCGACTATTTAGTGTACCTTAGTGGAGACGCAGGATTGTGTTGTCTGTTGGTGCATG
TTGCGTCAATGGGTCTCCAGATGAGGGGGAGCATGACAGTGCAGTGACGTCACGCGCTGT
CATGGCAAAGTATGCCCAAGCAGAGGGACATGAGGAAGTGTGTACAAGCAAATGGAGTGG
GTGGGGACAGATGTCCGCCTGGTGAATCATTTCTATCCGTCTAATAATGTGCCTCTATAC
CTCCAATCCATGATGATAGCGTGTGCAAAGCATGCAGCCTCTGCTTCGGAAGAAAAGCGG
GCGTCCCAAACTCCATCAATGCAAATATCGATCATCGCAGTATAACAAGCAAGGCTAAAT
AAAACGTCTAAACAGCGACGCAGCCGCCGTCAATCTTCAAATGTCCACCAGTCATGAACT
TGCTGTCTTCGCTGACGAGGAATGCAACGACGCTGGCCACGTCATCTGGGGTGCTGAAGC
GGTCGAGCGCAGTCTCCTCCTTGAGCTCTGCCAGCCTCTCCTTGTTCCAGCCGTCCTTGT
AGCCCTGTGTTTGGATGATGCTCGTGTGGATGGTGTTGACGCGGATGTTGAGCGGACCAA
GCTCTTCAGCGGCGGTAAGGGCGATGCCGCGCAGGGCGAACTTGCTGGCGCTGTACGAGA
TGAGGTTGGGGAAGCCGCGAAGACCGGCGATGGAGGATCGGATGATGATGGAGCCGCCAC
CAGAGGTGGTCTGCATGGCTGTAGCAGCGTACTTGACGCCTAGGAATGCTGGGGGGTCAA
GAGTCAGCGGAGGGTGACGTTGTCGAAGAGACAGGGGAGTGACATACCAGACTTGGCGTT
GATGGTCATGATGCGGTCAAAGTCGTCTTCGGTGACGTCGAAGATGCTCTTGGACTCGCC
GCGATGGCAGCAGTTGAGCAGGGCAGCGTCGAGCCTCTCGAAGCGTTGCACCACCTTCTT
GGCGCATGCCTCGACGTCGGGCTCCTTGGTCGCGTCGGCGACAATGGTGAGCAGGCGCGA
CTCGATGGGCGAGCCTGTGGGAATGGCGGCCTTGAGGACGGGCACGGCAGCCTCGAGAGC
ACCCTGGTCGATGTCGATGAGGGCGACGTTGCAGCCTTCGATAAGCAGGCGGCCAGCAGA
CTCGACGCCCACCTTGCCGCCTCCGCCCGTGATCATGACGACCTTGCCCTCCAGGCGTTG
GATGGGCAGCGGCCGTGTGAGGTTGGTGGATGTGGGCGCGCGCTCCATGCCCGGCCGCGG
GGGCTTGTTCAGGTTGAGGGTCGCGATGCTGGCGCCAGGCGTGCGCAGGCTCTCGGTCGT
GTTTGCTCGCTGCATGATGGTGGTGGTGGTGGTCAAGTCGGCCGTGGAAGTCGTGATGGT
GGGGAGGGAATCTTGTGCCGTCCAGCGGTTGCTTCGTGAGGATGTTGCGAGGGCAGGGCT
CGCGGGCACAGGGCCATTTTGCTATTTCTACGTGCCATCATCCCCTCCTCACCGGACCCT
TCTTTTCCCTCAAGATGACGTATCGCCGGGATTCCCTAGGCGAAACTTTTTCTGCGTTGA
TCAAACACCGGATGCGCATCCGTTGAGGCTCTTGCTGGCGGCTGTACCCACTGCCCCGAA
AATTTCAGCCAATGTCGCCCCTCGCCGGCATTTGGCCGCACCACCTGCTCCAACTCTGGT
GCAATGAGCGGTGGGACGTGTCCACTCCATGTTATCACTTATCGTACCCCGTGTGCACGA
TTGTGGGTGATGTGGGCAGTACACATGCCGCCGTGTGGTTTTTGACCTGCTTAGGGCGGG
GTTGTAATCTAATCGTTTCCACCAGTCGCGCGAATCCAGTCGCGCCCAGCGTGACATCGC
CTCAGACCAGCGTCCCCAGGTGTTCGAACAAGGCGGTCAGGCACAGCGCTATTACTGCCA
AACGGGCAAGTAGTCCGGCAAGCTATCCATTTGTAACTTCCCAGCCCAGACGAACCGACT
TCCCATCTCCAATCGCGTCGTCGTGACCGGGTAACGCGGAAGATCAAGGCAGCAGACAAA
GTCTCCTGTGAAGAGCAGGATAAAGGGAACAACGAGTCGGGTGCAAAATCTGGCGCTGGC
ATAGTGGATCAATAGCCGATGCTACAAAGACACAGAGTCATGAGCCGCATTGAAAAAATG
ACAGCAAGAGACATCACCGCGGCCGGAATTAAGCATTACCAATTTCAGGCAAGACAGGTC
AGCAATGCTTGAGGTTCAGGGTTGACCATCAGCTTTTCATTCAGTCCTCATACAAGGCGT
CGCTCTCCTTCACCTCCACCCTGGACAGCACTTTGCATTCACCAGTCCAGGAAGTAGTCG
ATACCATCCGCGAGCGCTGCCGCGCCTACTGCAGCATGATCACTGAAAGGGTACTCATGT
ATGCTGATATCCCTCAACGCCGGACTATCCTCCAGCGTGCTGTATAGCTTTTGGCTCAGA
TCCGTCATCCGCTGCGGTACAAGGATGCTCTGTCTAAAGGCGAACTCCTCATCCGTTTCC
GTCCGCCTCTGCACCAGGTTCTGTTCGAGCGCCCCATAGCTTATCTGGAAAGCAGGCTTG
GTGGCATTGGAAGTGTTGTTAGCCGAGGGCGAAGTTAGCGGTGCGAGAAAATCCGTGTTG
TTGAAGACGTAATCGTTGTTGAAGAAGAGTGCCGGGGAGGCGCTGAGAAATGTATCGAAG
AGATCGGGGCGTACTGTGAGAGCGTACAGGACGAAGAGGCCGCCAAAGGAGTGACCGTAG
AGCGCATCGCGGTCGAATTCAGCCTTTGGGAAAGCTGTTTCCTGGACCCAGGGGCGGAGA
GCAGTGTCGATGAACTCGATGAACTCATTGGCATTGGACTGCACGCCAGGCACTGTTGGC
AATGGGCAGCCGTCGCAGACAGGAGGCTGGAAGTCGTAGCTTCGCTGGGTGCTGTAAGGC
GAATCTTCAATGGTTTCCGGGTAGCCTATGCTGACGACGATACAGTCGGGCATGTTGAAC
TCAACTGGACGGCGGCGACGGAAAGCTTCCGTGGCAGTCATGCCGAGTGCATTGCCATCG
AGGACATACCTAGTAGTGGTGTTAGTACTTCTTTTCTCATGTTGCTACTGTAGTCCATCA
TGGGCTCTTACATCGTCTCCACAGTCGAGCTCTCCTCCTGCGATGTCCAGTTCAACGGCC
ATGCGACTTGAATCTGATATTCCCAAGACCCGTTGGTCGCACTCCAGAACCCTAGGTTAG
GCAAAACATTGGTAGGGAATTCGGTGACGAGGGGCGCAAACTGCCAAGCACCAACTGAAC
TCATGATGATGGTGGTGATGAAGACGGACCGGTTTGTTCAGATGCAGGTACCAGGGGATC
AGGCTACCTATCGACTGGAATGCTTTTGGCTTTTGTACCTGATGGCCACCAGATTACTCG
TCCCAGAAAATACAGACCCGAGGGGCGGGGAGCAAGCCCGTATCCTGTGCAGATACCACG
CCGCAATCGCAAGGGCCCCGCAGTAACTTTGCTCTGGTAGGTTAGCATAGACGCGGCATG
GGATTCTAGTCCCGGTACTTACAGTTGGACATCCCGGCCTTATTGAACAATATATACATT
GCCAAGACGGGGGATCATCCTTGATGATTCCGGTCTCTGTTCGCCTTTGATATGTTATAG
AGAAACTGGAGTATCTTACAAGACGATGTCAACGGAAGAAATCTCTCTTGTGCTGAAGAG
TCCAGGCTGCGTAATCGCGAATTAGTGCGATGAGACTGCGAGTCAAGCAGCTATCCAAGT
GGATGAGGCGGGTCAGAAGGATTCACTATCTATGTTCTGGCTCTTGGAAACCGAGGACTG

TACATGTGCTGCACCGACGAGCCTCAATCCTCCTCGACGGAACTATCGAACGCATGCAAG
CCTTCATGCAGACTGTGCGCCACTGAAATCTCGATCGTCGTGCCTGATGCGAACGGCATA
TTCAGGAACAATTGGTCAAGATCGGTTACAGAAGAATTTGACGCTAGTTCATGCGTCTAA
TCACATCGTAGTTGTGGAAATGGCATGATTAGATTCACGATACACACTGCTGTAGTTCGG
AAGGATGGCGCCGGATGAGCTGGGATTGCTATAGCCACGTGCTCGTCTCCACCATGTCAC
ACCCGCCCACCTTCGCAATTACCTCGGTAGCCCAATCACAGATGACTGTGATATCATTTC
CAGGGAACAGCAGCTGCGATAGGATATCTTCCGTGTCATTTCTTACGGAGAGAAGTCGGT
TGGCGCCGCGCTGTGGGCTTACGACAAAAGTTTGTTAGTTGGCGTCAGCGCATCGGGCCG
TAACCATAAACGTCAACCCAGCCCGACCGCAACCAGATCCTGGGGACCCAAGTGCCGGGA
CAACAACCTCTTCGGACGCAAACTCAGTGCTGGGTTCAACGGCGAGTCGTCTGATATTTA
ATCCGTAGTATTCTGGAACACCAAGATGCAGCCATCCGAATCAAGGTACAGATGCAGACA
GTGACAGTCGAGGCGAAGCGATGGTAAACGAGATGAAAATATTCAAGGATGTGTTTCAAG
GTACTACTTATTCAGCGATGTGCGCCTAGCTCCGTCTTTCTAGAAGGCGCCTCGCCCGGG
CAGAGGGTCGTTCTTCGCGGGACACGACGCGTCATAGATTTTGGGGTTGACAAACTTGGG
CGTCGCGTCGTTGTTGTAGGCCAGCTCGACGAGTGTGGCATTGCCTGTGCGTATGTTAGC
AAAGAAGTAGTTGTACCCAGAGAACAAATGACTCTTACCTGAGTTGTACAAAGGCCATCC
ATATTCAGTCAATCCTTTTTGTGAGTCCCGGGCAAAAGCACCCCAGGCACCCTGGATATA
TTTCGTGTACTGGTTCTCGGCAGGAGAATTGGGTAGACCAGAGATGTCCTGAACAGTGCC
GAAGACCAAGCCAAGATCGGAGCCATGGTATGCAGCGCTTCCTTGGGAACCAAGACCTGC
GCTGCCGTTGTAGAGGCGAAGGTTATCCCAATCACCGTGGTATCTGTATCGCCAGGTAGG
CACATCATACTGAGCCCGGTATGCAGCGGACAGAGAGGTTGGACACGTGAAACCGCGCTG
AGTGAACAGATCCCATTGTGCATTGGTAAAGTTCAGCTTGGCCGCCCACCCAGAGATGCG
ATACCAGCCATCTTCATGGTCGGCGTTACCAACCAAGAGTGGAATCTTGGCAAAACAGCC
ATCGGAAGAGAGTTGTTGGTAATCTTCAAAGACCGTAATGTTGTCCACAGTCGGGTGGAA
AGTTGCTTGAGTCAAAGCCACACTTGGGAGACCAGGAACCTTTGCGGAGGCAGCCAGAAG
AGCAGACATGTTTGCAGAGCGCACGCAAGACACAACTGCTGCAGCGTCATCTGCAGCGCC
GCCACAGCCGATGGTCTGGGACACATTGTACCAGATGGACTGCGAGTACTCGACAGTGTT
GGGGACGAAGCTCAGGGAGGTTCCAGACATGGGGATGAGGCCAGAAACGATCGGGTCATT
CTTCCAGGCGTAGGCCCAGTAGTCGACGGCAGCACCGCCTGCGCTTTGTCCGAAGATGAC
AATACGCGATGGGTCGCCTCCGAAACCAGCGATGTTATCGCGCACCCATTCGACAGCGGT
ACGGTGATCGCGCAGCGCGGCGTTCTTCTCCACACCAGGGGCGCCAGCGAAGCCGAAGAT
ACCTAATCGGTAGCTGGGATTGTCAGTAAACGCATGGATAAAGATGGAGTGAACCCTACT
TGAATGTCACAACGACCACATCCTCAGCGTCAGCTAGGTATTGGCCGTTGTAGAAGGGAG
AGTGAGGACCAGGAATCTGGAAACCTGGAATGGTCGTTAGGGATATTCTGGCGAATCAAA
GGAACAACGTACGTCCTCCGTGAAGAAACACTAGCACTGGCTTCTTCGCGTCCGCATCAC
CAGCACTTGCCGTCCAGACATTGAGCTTCAGACAATCCTCAGATACAGAGTTGTTGTTCT
GGGCTGCAAAGTTCTTCCACACACGCAGACCGGATGGCTGTGTGAAGTTGGGGAAGGCGG
ACACTGGCGGCTTGACAGCAGGGCAGTCACTAAAGAGTCGTTAGAAGTATCCTCTATGTC
TTGTGTTCCTTACGTACGGAGACTATGATTTGTTAGCGATTGTACTCCATGTTGGCGATA
TTGCGATTACTAACCCACTCAGATGTCTCGAAGACAGTTCCTGCTGGCGCATCGTACTTC
TTCGGCGCAGCAAATCTCAACTCGCCGACTGGCGCCTCTGCATATCGGATACCCAGAAAC
TCGGTCACATGTGTCTTGTTAGACGATGGGTGACCAATCAAGGTACCACTCGATGTCTCA
ACATTGGAGCCATTCTTCGGCGCTGCAACAGCCGAACCGAATAGCGAGGCTACAGCTGCA
GCAGTAAGGAGGAGGTGCTGCATAATTTCAACTCGAAACAACAACAACCTTGCGCTTTAG
GGAATAAATTCCAATGCCAGGCGGGCGACCAGCTGACTTTAATGGAGCGAAATTCAAATC
GCGGCTCGGCCTGGCAAGCAATTGGCTCCGCGTTCCTGCGTTGCCGTCGACGCCAACCGT
GTTCCATAGGGGCAAAATACACTACAACCAGATAAAGCTCCGAGGCAATTGGAAATGTTG
CAAACAGCTCCATATTGAGCGCGCGCGGCGTTACACCGGCGCGAAAAGCTTCGACGACGT
TTAAGACAGGACGGGTGGCTTCATCTCGCACGGCTGCATCCTTTGACATCTCAAGTTACG
CTAGTCCTGATGCGCTGCCGCTCCTTCCCGGTCGCGTGGAACCTTTCGATCTGGCAAACG
CCAACATCACCACAACATGTAGCATTCGAATACCTGGGACTGTGACGTCTTCTAATCCGC
CACGGCTTTTGCGTGTTCTTACCGAACTTGAACACAGTGGACATGGACAACAAACGCGGT
CTGCTTACATCCGGCAGATGTCCGGCTACCGCTGATCTCCATTTGTGATGTCACCCACCC
ATACCTGTTCAGTACATTACACCGAGGCGATTGGAAGTTTGCCCTGCGTTCACGGCAAAC
GCCTGGACTCTAGCAAGGAAGAGCTTGCATGCGCACAGAGACCAAGAGATCGGCAGATGT
AGTCCCCGAAGATTGGTATACCAGATCCAATCGTATCGGAATGAAACGACGAGAAATTCG
CCGTCACTGCATTCCCGTAATGCCCCCACGAAGGAGTTGCCAGCCGCTCCACAGCCCTCA
CCCTGCGCTACCGTATCTCCAGGGACGGGTACCTGGAAAGCCAAATGCTAGACGAGGCCC
ATAATACTATCCGTTCCCGCTGTTCATGGATGTTCCATAGGATTTACCTTCCAGAACTCG
AGCACCCTCAAGCGACATGACTTTCAACGTCGGCCTTGGAACTGAAGGCTCAGTTGAGCG
CGGATGGGGACTTTGGCTCACCAGTGTCCTATCTGTTATTATCGCCGGTCTTTTCGTCAG
CGCACGTCTAGCGCAGCGATTCATCAAGAGTAGCGGCCTGGGAATGGACGACTACATGAT
CATCGCCGCCTTACTTTCATCAGTTTTACTCTCTGTAACAGAGTGTCAAGGTCAGTGGGT
CGGCACAAGTTTGGGAAATGGGTATTAACTTTGATCAGCTGTGGTATATGGCTACGGGAG
ACATTGGAAAGATCTACCTGCCGACTCCCGCGTTATTGCTCGCAAATGGTTCTATGGAGC
GAATAGTGAGTTGACATCCATCAAATGCACACATCATCCCAAAAGCATGCGGATCGCTCG
GTTTTTCCGGTTTCTGAGATGCTGCGGGGAGGCACTTATTGGAAATGGTGTGAATTTTGA
CTATGAATTTCACTGACTGTAGCAGTTGTTTACAAAGTCGTTCTCATGTTCAACAAGATC

TCTGTGGTTTGCCTGTACTACCGAATCTTCGCCATCACCACAAAGTCTTTCCGTATTGCC
TGTCATATCATGAGTAAGTGGCTCGTTTCGGACTACAGATCATTGACTGACTCTACTGAA
GACGCTTGGGTCATCATGACCGGTTTTGCTTTTACTATCGCAACGGTTTTCCAATGTACG
CCAATCGCCGCATTCTGGGACAAAACCATATCTGGAGCCAGATGTTTCAAGAATGAACCC
TGGTGGATTTCCTATGCCACTGTTCAAATTACAACCGACTTCATGCTCCTTGCAATGCCT
TTTCGAAGAATCCTAGGACTCTCCATGGGACGAGCCGAGAAGTTGGGTGTGGCACTTGTT
TTCGGTACGGGTGGCTTGTAGGTATCTGAGCCTCCATTTAAAGCACCTTGCTGACTTCTC
AGTGTCACTTTTGCGTCTATCTATCGTGCAACTACAATCGCCAGGTCCGCAAACGATCCC
GATCCGACCTGGGGCCCTGTTCCTGCTACAATATGGTCAGTGATAGAAGCCAACGCTGGT
ATCATATGTGCCTGTCTCCCCATGCTCCGCGCTCCATTCGTCCGCCTCTTTGGACCACTT
TTTGGTTCGGTAGCCACCAAGGCCACCTCGAAGCGGCGGTCGTACCCCATGGACTGGAAG
AGCAACCACGGGCCAGCTGGCACTGGAAATAAGAGTAAGGTATCTGGTAAAAGTGCATCT
GAGCGCGAAAGCGAAGATGATGCATTGCCACCAAGTAGACCGAGTGAGCTCGGCCGCCGG
GGCAGTGGCATCTTTGTCACGAACGAGTTCAGTATTGAGCGCAACGAGTTACAAAAGCAA
GAGACAGAGACACGGTCGTGCGAACAAGATGGCGACACTAACACTGCGCTGAGTGTGAAC
GAGGACAGGCCAGGTGGCAAGAGTCCCTTCTACCACGTCTAAGCAAAAGGACCATATTGC
TTCTTCTCGTCCCAGTGCTGTAACATTTCAGCACTAGCTCTGCATGATAAAATATGCAGA
TTGCCGTCTAGCAGACAAGCTACACCTCTCGCCGACATGCGTATCACGATCTTCAGCGTT
TCCATCGGAAGGCGCCTCTCTAGTGTTCTTTCGGTCCTATACCGCATAGCCGCTAGCGAA
CGAGACGGCCCAATTTGCAGAGGCCAAACCGCCAGCCGCTTGTGTTCTGTCTACATATCG
ACAGTACGTTCACATACAGCATTGTTCTAGTCGAACAAAACGCAGGTGCTGCGTTGAACT
CATCATCTTCCATGCCGATGCTGCGCCGTTGCGAAAAACGCTTTGAACTAGGCGACGCTA
CGCACGCATACGCAGGTACGGATGGACGCTGAGCGACGTAATCATGGATACTACCGTCCG
GGCCGCTTAGTTTGCGTGTCATGCCTTATGGACGATGCATTGCGCTTTAGAACCTATGAT
GGTCTATCGTCTGTGTCAAACTGCCGCAAGGGGCGTGAGCTTGAAATTCGACTAGAGCAG
AGTGCGCCAGGTCACAAGGTATCGTGCACGATACGTGCGAGCAGCGAACGGTTCCAGTAA
TGCGACGGTCTCTTGTTCAGGACCTTTCAACGAAGGCCGCGAGCCCTGTATTCCGGGTGC
AGTACGACGCGACGCATACTGGGGCCCAAATCATTCCTAAATCATCGAGTAATCTTTATC
GCGTCTTTTCTGTTGTGAGAAAATCTAGATAAGTACCCGAGGTGACTACACAATCTAGAT
CGCGAGCTATGCAGCGAAAGACGGTGAAAATTTTGGCAGCCAAATTTGCGGTCGCACGTT
CATTCCCAACAAAGTGACAGGCCGAGCAGTGAGGCATTTGTCTGACCTGGCGTTGGACAC
GTGTGGCGTCGAAAACAGATGGAATCTGCAGGAAAAGGCGTGGCATACATTGTTGCAGTG
CTTGGTTGCGGATACTGGCCTATTTTCACGAATGAAGATGGTGCTAGGAAAGCCAAGTGA
GGATAAACGGCTTGCCGATCCTTGCCCCGCTTCCTTTGTGCACGCGGCTGCGCCACAGCT
GGATATTGGTCTCTCCCCTCAGACGTCATGCGCACATGCAATGAATATCGACTTGACCTG
ATCCGTGATGCATCCTGATTTTCCTTCAGCTGGCGCACAAGCTTCTGCAGCGCGACACCC
TCATCCGCTCTACCATCGGTACCTTGTTAGCTGGACATCGAAACCTACCCCGCCAACATG
ACGACGAAAAGTACGACCGACTTCGTCGAATCAACTGACCCAGCCGGAGGGAAGTCCAAG
GCCCAGATCCTCACCGACGTCTTCTCTCTCGCGACCCAATTCAGCACCTGTGTTGAGGCT
TTCAACCTCATCCATCCCTCAAAAGATCAGGACCATGCGCAAAAGGTTGTGCTTGCGAAA
CTTGGCCTACAGCAGGGCAGGTTGCTGATCTTTGGCGATGCCGTGGGTATAACTGCGCCA
CCTGCGACAATTGCACGACACATGATACCCAGCCATCCTGGCATCACAAATCCAGATCCA
CATGTGCCTGTACACTTTGGCGTCAGAGATTCGAGGCTTGACGAGGAGGTCATCAATGCG
AAAGTCCGCAAGGCGCTCCATGAGATTGCGGGACGCCCAAGTAGCATGTCGCGAGACGAA
CTGATGAATGTTTACGGCTTGAAGAGTCCAAAGACTTTCTCGCGCCTCGAATATCCAGCA
CTAGACACGAACCGATTAGAAGGCTTCCGCGAGAAGTACACCCTGCTGAAGGATCTCCTA
AATCAGACAGGTGCGCGAGCCAGTCTAAAGCGCAACCTCAGCATGACGACCTCCCATTGG
ACGGTCAAGGACACCACACGCTTCAGCGAGTACGTCAAAGTTGTACGCACCGAAGTCGAT
GCTCTCATCGATCTCATGGGCGTGAAAGAGCAGGTTGACCGTGGAATTCGTTCCGATCTC
AAGAGCATGGGGTGGCACCCAGACCTGACAGGTCCAGCAGTGCGACAGGATTGGGAGAAA
CTGCGTTTGATTCGCGAAGCCTGTGTAGTCGACTATCCAGAGTACATTGAAGTCATCGAC
AAAGCCATGCAGTACATCAGCGAAGAAGTCAAAGAATCAAATCTTGCTCGAAATCGCGCT
GTGTTAGGCCTCTCAGAACCTAACATGGACGCAGCAGGTGCGCGCCGGAAGTCAGACTAC
GACATCCGCTCAGCGCCTGCGCCTGCGCCCGTGCCTACACCCACCGCCGGATCCAAACCT
TCCAAACCGGAAGCAAAATCTCATATCCAACTTGCCGCTGAACGCGCCCTAAATCCAAAT
GCAGGCAAAGAAAAGCGCCCAGGCTGGCTCTCGGCCTTCAAATTCAAGTCCTGGTCCAAG
AGCAGCAAAACTGCACATGAGAAGCAGCGCTCAAACAGTGTTCCACACACACCAACTGTA
GACCCCCAACGCTCCCTCTCCGCAGGCGAAGCACCAAACCAAACCTCAGAAGATTCCAAC
ACTCTCCAGGCCGTGCGGTCCAAGTCGCTCAGCGCAATACCCAGCGATAGCACGCCACAG
CCCCCACCATCAAATCTCGACTCTCGCGTCCGCAAGCTCAGCCTTGACCACGGAGACATG
GCGAATATTCCTCCCATCCAAGAAAACGGTGGTGAAGTAACTAGTTTCCCTGAAAGAAAT
GGACTGCCCGATTTCGATGCCGATATGGATAAGAACGCACTAGTGCAGGTTGATACAGCG
AAGAGCGAGGGAAGCAAAGATGGGTTGGAGAATATCAAGACGGCAAATAGTTATATCGAT
CGGCATGATATGTATCCTGCTGTGGGACGAATTGAGACAAAGGACATCAGGAACTTTGCG
CATGCGCCGGGATTATAAGGCTGTTTAGTGGGGGTGTTTAGATTGTCTAGCGACTTCAAA
GGATAGTTGTGAATTCGAATAGCATAGGTACGCCCACAGGAGAGGGTATTAATATAGTTG
TGTTGTAATTTTGTAGCCATTTCGAGGTCAATCTGTATATACTCATTGCGTTTGCAAAGC
ATGGAGCCTGAGGTACTTGGTTAGTTTTGTGGTTACCACAGTTTCACGATGGGTTGCTTG

ATATGTCAAAGCTCACTGAGTATCTTCAGAATGTCCAACGAATCCTAAGGTCATGAGCCA
TTTTGTTATACCTGTTCTACCAAATATGTCCCCTCCATACCCGCATGTGCGATTCGGGAC
TTGATGTGCACAAAGTTTATTTCGCTGTATTTGGCTGATCATCCTTAAGGACGACGTGAT
CCCATTGGAAATCCGGAAGCATTCTCAAAGATGCTACAATTTAGTAAACACTCTAATCTC
TACGCACTTCTATTTATGCTTTTCGCCATTGCTCAGTTTTCTCATACTCACGGTGAAGGT
GACTTCGTGCCTAAATCCTCACCTTCACCTCGAGGTTGGGCCCACCTTGCGATATCCTCT
GGCCCACGTCGTCTTTACCGTCCTCTCACACCACCGTCAACTCATTTACCAAAACTCAAG
GTAACGACTTTCAAGATTTGTTCTAACGCGATCGCTCTAATTCAGTTTAGATAATTGGGT
TTCGGTACGCACCCGCGCAGTTGCAGTTGTTTGCCTCCTACGCCCAGTCGGGTCGCGACA
GCAACAACAACAGTACCAAGCCACACCATCGAACGAAGTTTTCCCAGCCAGAGCTACGCT
TTAGATACCACTGGCGATTACGACTATGCCGCCCAAGGGACTCTACCGAATCCCAAAACA
TCATGTCGTTGGCCAAGGCACCTCAATGAAGCGTCAATCTTTCAACAGCATGGACTTCAA
AGAGGCGGAGAAGCCGGCGCCCGTTACGACGAACGACAGCACGACAGACGATCTTGTCAA
CAATGAAAGGGCTCAGCGAAAGCGCGAGAAGCGTGAGAGGAAAGAAGCCAGGAAACTGAA
GAAGGAAGCCAAGGCAGCTATGGCTGCTGCGGAAACAGGAAAGCTGAAAGAGAAGCAGAA
CACCCCGCCAATCGACGCGACACCCGCCGCCACACCCGTCAAGAATGGCAGGTACGGTCC
ACGTGGTCCTTATAAGAAGAGAGAGAAAGGCCCGGACGGAACTCCAGTTTCTGCTGCGAA
GAAGCGGAAGAGAGAGACCGAGGTGCCTGTTGACAGTCCAGCTGTCACTGGCAAAGGTCT
CGCTGACGCCGACAATTGGCTCGGCCCCAACTTTAAGAAGAACATGGAAGACAATAAGAA
GTCCCTTGCTCGCCTCGCCTCTATCTTCGACCAGCGGATCAATGAGAACGCTAAACTTAC
TGAGTCGCCCAGAAATAAGCCAGGAAGACCAGTGGGTTCGGGCAAGAAGACCGTTGCTAA
GACTATTGAGACTGAGATACCGAAGGCCAGCGATACTACGAAGAAGGCCATCAAGTCTGA
CGAGATCAAGCCCAAGGCCAAGAGGCAGAAGCTGGAGAAAACACCTGTGGCTTCCAACGA
GGAAAATGTGTCCAAGGTCAGCAAGACACCAATACCAGTTCGGTCGGTCGCATCAGCCCT
GCCTACCGAGCCGAAGAGCACACCAGTTCCACTTCCTCAGAAGTCTCTTGGTGCTTTGAC
GCGCAGTGTGAGCGAGTCACCGATAAAGAAGAACAAGATAGACCTTCGAGAGTCTGAAGT
CCTTGTCAGCGAGACCCCTCTCTCACAAATGAGCCGTACACCTGCAACCACTCCTCGCGT
ACAAGCAATCCCGTTTAGTCTCAGACCCGCAGTTACCACGTCCAAGGAAACCAGCAAAGC
TCCTGGCACCCTTGAGTCTTCTCCCGAAATTCCCCTCATGATTTACACCAAATCCCCAGA
GGCCCGAAAGCGCATTGTTGGCAGCCAAGGTTCCGTGAACCCGCTCACCAATAGTCAGGT
CGACAGTCTTACCACTGCGAACCTCATGCGGTTCAAAGAACCTCTCAGAGACACTCCGAA
GCCGCGTCCTCGAGGCCGTCGTTCCGTTAGCGAGGCACCTAGCACTTCTTCTAGCAGCTC
CTCCACCACATCAAGGACCATTCGCGACATGTTAATGCGTCCAAATAAACCATACACACG
TCCCAGCAACGACATCTCTCCCTTCAACAACAAGAAGAAGCACATTGAAAGGCATGACGA
AGCCAATCTTGCCACTTTCTCTAGCACATTCACGGCTTCCCGCCGAACCGTCAATTTTAC
CGATGAGGCAGCATACCTTGACGAGTACGACGAGTGGCTCTCCGACAGCGAAGCAGCAGG
TACCCTCCCTTGCTTGAAACAAGCCTCAGGATGCACGGCCAAATCCGAGCAACTGCTCCA
GCTCCAACGTTCGGACGACACCTCAGCATTCAAAGTGATCATCACAAATGAAACCGAAAC
TGAGAATACGGCGTCTGACATTGCGCGCGTTAAAGCCGCGTCCACCTTCCTGCGCTACAG
CATCCTGACACGCATCCCCATACCGCTGGGCTCCATCGAAGGAACGTTTAAGCTCTACTG
CCCCAAGTACACCACTACCCATGTCGACAAGTACGGGTTCGGTCAACGCACTTTGAACAT
CACCTCCATCGCCGGTCTAAATCCCATGTCGGGAGCCTATACAGCGCGTCTCTCTATTCC
ACCTCGCTCCATGCCGTACCCGATCCAAGCGTTCGAAGCCCCACCCCACGCTTCGTTCCG
CACCATCACGCTCAAGACAGTTGCTGAGCGGTATAGAATGGACGTCATGTTCTTGGGTAA
TGGTTACTTGAAGCTGAGAGTTGATTTGCATCTGATTCTCAATGGCAAGTCGGCTGGAGA
GATGAAGGCGGGAAAGGGAAAGAGCAAGGAGGGGAAGACAAAGGCCGGAGTGGGCATCTG
GGAGTTTTTGGGAGTGAATGAGAAGGCGGTTGTCTGGGAACCGACGGTTGATGAGTTGGA
AAAGGAGGGAAGGAAGTTGGTTGCCAAGTATGAAGGTCGTTAATGTGGAAGTATGGAGTC
GTGAAGTGGTTGGCGTGAGTTCATGGTTGGTCGGTGTAGGAAATGAGAAAGGTTATCTGG
AATGTGGGCTACCGGCGGGCAGAGGTAGAGTCGGCGAGATGTTTGCATTGATGGGACCTC
GGGTATGGCTTGGGCTTGCCTGGCGGAATCTATTCAAGTTTGACTAGAGCTTCGCAGATG
TTGCCTAGGTTTGTCACGTTACCATCGCATCCATGTGGATACTGAGTGTCGCCTCGGTGC
CCTCATATACTAGTCTTGTTAGTTTACGACTGGATACAGTAAATAGGCGAGATGATTTGC
CACGGAGATTGGAGAGCCGCATCCGTGTTCCGATAACGGTCTGAACATCGCCAGTTTACC
CCAGCTCTTGCACCTACAACACTCTCGAAATACATGCAGTACCCACATATACTCATTCGG
CTGTGGCGTGACTGTTGCTCTATTCATGTTGTTTACATCTACATCTACCACTTGTCTTTG
AACAAAGCAAAAACTCCTAATCTCATGCAAAAGGTATCAAAACACTCCTCTCCTCGCTGC
TTCTTTGACTTCTTGCTGTCCCACCTCTTGCTTCTATATGCAAAGTGATCATGATATGCG
TTCTTTGACTAGATCGGATCGGAGATGTGGGCGTCCGTCAGCGCGTTTCAGCGAGCGAGA
GGGAGAAGAAGAGGAAGAGAACATCTAGTCCTTCTTCGCCCTGCCGTTCTGTTGTTCAGC
GAGCTCCAACTTCTCGTTACCCTTTTGGATGAAGAATTTGCGTTCGAGGAACTTGAGGCC
CTCGTCGATGATGCTGAAAACATGTTAGCGATTGCTCATTCTGTAGCCTTTGGCACAAGG
CGTGAAATGTGACTTACATGATTGGCGCGCTGATCGCCATGACCGCTTTCCACTCGTTGC
CGTCCAGCGGGATGACGCTGAACAGCCCTTGCAAGAATGGGACGTAGAGAAGTGCAAAGT
GCAAAGCCATGCTCAAACAAATGGCATAAACAAGGATCATGTTCTCCCAAAGCGGTAATG
TAAGCAGACTCTCTGAGCTGCTCAATGCGTTCATGGCATTGAGCATCTCGATGACGACCA
AAATGCTCAGACTAACAGTAGAGGCAGCTTGGGCAGACGAGTTGCTGAACATCTCACAAC
CAATCTCAGGGAACTGGGTCGAGCAGCGGTGGAAGTGGCGGAGCTGGTAGAAGGAGATCT

GGGGCCCATCGCTATTGAACATGAACCACCACGCGTAGCCACCGACAGTCGCAGCGCCGA
CGTAGGTACCAATAACCATGTAGCGGAAGAACAACCAGCCACTGATGAGAGGCTCGTCGC
GCTTGCGGGGTTGGCGCTTCATTACATCATGGTCTGGAGGGTTGAAAGAGAGAGCGGTAG
CGGGGAGACCATCGGTGACGAGATTGACCCAGAGGAGTTGAACAGGGATCAGAGCCTCAG
GCATACCCATAGCGGCAGTCAGGAAGATAGAGACGACTTCTCCGATGTTGGAAGAGATGA
GGTAGCGGATGAACTGTTGAGTGTTGTTGTAGATGGAACGACCTTCTTCAACGGCACCTT
CGATGGTGGCAAAGTTGTCGTCTACAAGCACCATGTCCGCGGCGAGCTTGGCTACATCGG
TTCCGGACCCCATAGCAACACCAATATCAGCTTTCTTGAGAGCAGGCGCGTCGTTGACAC
CGTCACCAGTCATAGCAACAACCTCACCGGCTTGTTGGAGAAGGTCGACGAGTTTGGATT
TGTGTGTTGGCTCAGTGCGGGAGAAGAGGCTGGCGTGCTTGGCGGCTTCCATCTTCTCGG
ACTCGGAAAGGTCGTCGAATTGGCGACCTGTGAAAGACTTGCCAGTGAGATCTTCATTGG
GGCCAAAGACACCGATTTGACGGCAGATGGACTCGGCAGTGTTCTGATTGTCTCCAGTGA
TGACTACAACACGGATACCAGCGGAGCGGCACTTGGCGATTGAGTCGCGGACTTCAGGGC
GGGGAGGGTCCAACATGCCGACGAGACCGATGAGAGTCATCTTCTGCTCCAGCTGGGTGT
ATTCCTTGGTAGTCTTAGCCTTTGCCAGAAGTGGGTTCGATTCAATGTCTTCAACAGACG
CTACAGCAATGACACGAAGACCACGGTTGCCGTACTCGACAATTTCCTTGTTGATAAGGG
TAGAAAGTTGCTTGCTCATGGGCATCTTCTTTCCGTTCTTGCCGACAATGACATTGGTGC
AACGATCAAGAATCGATTCCGGGGCGCCCTTGACGAGTAGTTTCTGCGAGTTACCATTCT
TGACTAGAACAGACATGCTCTTACGGTCGCGAGAGAACTCATAGGTGGCTAGGCGGGGGT
AGTGGCTTTCGTAGTGCTTGGTAGAGAAATCGAGAAGTCCTTCTGGCGAAGTGCTGGCGC
GGGTCGCGTTATGGGCGATATCTGGAGTGCCAACCTTCTCAACTAAGACGCGGAGAGCAC
CCTCGGTAGGCTCACCGACAAGGTTGTAAGTACCATTCTTGGAGTCGTAGGCAAGGGCTG
CGTCGTTGCAAAGTGCGGTAACTTCACAAATCTGGCGAACGGTGTCGGATTGAGCAGCAA
GGTTCTCAAGGGGTTTGCCCCGGAGGGAGACCTGACCCTCAGGGGCGAAGCTGGTGCCTT
CAATATCAAATTCTTCGAGGCCACTACCTTGTTCGTTGAGGAAGACCATCTTGTTGACGC
TCATCTGGTTGGTGGTAAGAGTACCTGTCTTGTCGGAGCAAATGACGCTGCAGCTACCAA
GTGTCTCGACAGAAGGCAGGCTTCGCACAACGGCGTTTCTTGCAGCCATCTTGCGCGTTC
CCAGAGCCAAGCAAGTTGTGATGACGACGGCCAGACCTTCGGGAATAGCAGCGACACCGA
GAGAAACGGCAATCTTAAGATAGTAGATGGCGCCTTTGGTGAAGCTGCCGTGCGAAGGGT
CGTTGAAGTTGCCAATGTTGATGAGCCAGACGAGGATGCAGATAGCCGTGATGACCTTTG
CGAGCTGGTCGCCGAAGTCGTTGAGCTTCTCCTTGAGGGGGGTGGGCTGTGAGATCTGTG
CCGTGATGCTCTCGTGGATGTCTCCAATCGCCGTGTTACCACCGGTCAGGACTACCAGCG
CAGTCGCATGCCCCGTAACAACCGTAGTACCCGAGAAGAGCATATTGACCTGATCCTGCT
TGACAGCGTTCTCATCCTTGACGGCCCTGGTATCCTTGGATACACTCTCGCTCTCTCCAG
TCAAGATGGACTGGTCGATGTTGAAGCTGTTGCTAGAAATGGACAGGATCCTGCAATCAG
CGGGTATCCTGTCACCGATTGTGACCGAGATGACATCTCCGGGGACCAGCTCGTCGGCCT
TTACGCGTTTGACATGTCCGTCACGTACGACTTTCGCTTCGTTGGCCGAGTATTCCTGGA
GGGCTGCAATGGCCTTTTCGGCGCTAGTTTCTTGCGATACTCCGACGACGGCGTTTAGAA
TAAGGATGGTGAGGATCTGTAGGCATGCAAGTCAGCGCAGGTACATGTAACGTCGTCGCC
TGGTACGTACAACTGCCGGGTCCACGAATGCGGTCCAGCCTTCTTCCTCTTCGAAGAGGG
CCAGTACAAACGACACTGCTGCCGAGCCTAGCAAGATGATGACAAGCTGGTCTTTGAACT
GCTCGAGGATGAGCTCCCAGATGGGTGTTGGTGGGTCTTCTGGCAGCGCTGTTCTCTGTG
TCAGCAGTCGTCGTCGCGGTCTAGGGGAATAGTAACACACCATTCTTTCCATGCTTCTCC
CTCGCGCTTTGCACCTGCTGTGCGCTGAGACCTTTCTGCTCGTCGACCTGGAAATACTTC
AGCGCCTCAGCGGGCGTCTTGGTGTACGCATTCTCCATGCCCACTGCTCTGATCACCGGC
TTATTTTCGCTCAATACACCACTTGTTCAACGAGACGCTGTCTGGTGGCTCAATCGTTGT
GTGGTAGTGTTGTTCGCAGGGATATGTCGGTTCTAGAAATGTCGAGGCTCGCAAGTCGCA
GGTATCTTCGCCTATGACGTTGAGAGGAACTTTGACAACCTTCGCGTGATTACTTCAAGC
ACAAAGGGAGGGACTGTATTTTCCTGGCGCAAGTAAAGTCGCAGGAGAAGACGATAGAAG
ATTCTGCGATTGTCCACGGCAGAAACGGCTGTACTGGCGGCGCAACAGCACTTGTCTCGA
CTTCGGCGCGTCCCAAGAAATCTGTCCTCTAATCGACCCGCAAGCGCAAGGGGCTAGTGC
TGTGGCGCATGCTCACCAGCCACTTTTCGCCGATAACCACGTTTCGCCCAAGTCGCTTCC
AATTCGTCCATGTCTTCGAGTTTCCCTTTGATCGGTATCATTTCACTTGCAGTCAATTGT
GGCTGGTGAAAATCTGGGGTTTGCGCCGTTCGCAGCGAGTCTGAAATGCATGGGGTGCGG
GCAGATTCCGACAACGTGCTGTGCTCGGCCTGTTCGGCGGCCATGCCCCACGATTCAAGG
CCCCCACCTTCGACATCACCACTGCACCTCACCTGGGCAAGACTGCCGTGCCTGCGGGTC
TAGCTCGGCAATCCGGGTCTGAGCAGAGCCTCACCAAGCAACGCGTCGTCATCACTGCAG
AGTCACTTGTGGGTCGAGGAATGATTGAGTAAAATGTTTAACGTTTCGTTGTATTCGAGT
AGCCCGCATATGCTACTGTAACCCATAACCAAGGTCATCCCAACATGCAAAATTCATCAA
AGGGTATTATAGCCCACCATAGGTATCCCGCTCGTTGAACGCCGCAAAATAAAGGCCCTC
CAAAGGGCTGGTCAAATGCTATCGTGATCGTCGTGTACCCAGTCCGATCCAATCATGCCC
GCTTTCTAACATGATCACCTGTATGGTGTACAACTATAATGTGTATAACGTGAATAGAAC
CAGGCAGCCAGAGCGCCGTGGGAGAAGTAAAAGTGGCAAGCTTATTGGCTTGCGCAGTAT
GTCCGAATCAATCGGGCAATGTCTCGTGTGATGAAGGGCTTGGTGACAAAGCCTTTCATG
CCACTCTTGACTGCTTTGTCAAGAGCGGCGTCTGTAATGTCCGCGCTCACCGCCAGAATG
GTCGGCTTCCGCTCAAGCTCTGGCATCTTCAGAATCACCTCAGTGGCTTGGAAGCCGTCC
AACAACGGCATCCAAAGGTCCATGAGGACAACGTCAAAGGACTCAGTCGCCGGGCCGAGA
GCATTGCGACGAACAGTCTCAACGGCGTCGTTACCGTTGAATGCCGTAGTGATGTTCTTG

TAGCCCAGTCTACCCAGCATGCTTACCAGCACACGTCGGTTGATGGCGTTGTCGTCTACG
ACTAGAATGTTCAGAGGCAGTTGAACGCCCAGATCAGATGGCACAACGTCCCTCTCTGAA
GATAGAGCGCGAGTGGCGTGTTGTTGTCGGGGAGGAGACAAGGTGCGGCGGGGGGTAGCG
AGGCCGATATCTTCTGGCGATGTTGCAGAGCGGACAGTGATGACAGGTGTAATTGGCGGC
TGACGTTCGCGATCACTCTTGAATGATTCAGAACTTAAGGGAGGAGTGACGGGGCCACGG
CCGAGGTCCAGGTGGGGTACTTCCGGATCGATAGACATGCGGGATTTGATGGAAAGTGTA
GGGGATCCAAAAGGCGTTGCAGGGCGACTGCAAATCTCGCCTGGGGTAAGCGGGACTCTC
ATCTCGAATTCCGACCCTCTCCCTGGCCCAGAAACATGCGAACGGAGACAGAAGAGATCA
CCACCTAGTTTCCTTGCAATCCCCTTGGCGACCATTAGACCAAGACCCAGTCCCTCACTC
TGTCGTGTCATCGAATCGTCTTCTCTCGAGAATGGTTTGAACAGGTTAGGTAGGAAAGCT
GCGGGGATGCCAGAGCCAGTATCTTTGATATTGATGACAATGTAACGGCCTTTTGCGCTG
AGTGTTGCTTGAAGTGTGATGGATCCATCCTGTGTGAACTTGATAGCATTAAGAGCGAGG
CAGGAGACCATCTTGGCGAGATCCCGTTCATCGATGACAATCGTCTCTGGGACATCGGCA
GAGACGGTCCACTCGATCCATTTAGTATGTGCCTCTCCGTTTGAGCTACGTGTTCGGACT
TCAATGCGCTCTCCTGTGTCGGTAGCCTCAGCAATGGCGGAATCCGGCCTTCCTCCCACT
TTGAGCGCATCGTTAATGACGTATTGAAGCACTTCTCTTAGATTGGTATGTCGGAGACCG
GGAACTTTGGAATGTTCGGATGCGAAGATGGGCGAGGTGGTTGAATCGCACTTGCCTAAC
GAGGTTCCATGCGAGCAGGTGTGGTCCAGTCGGTCTAGTTCCAGAGCGCTTGCGTCTGGG
GGGCACGACTTAGTGCCGCGCTTGGGGGGCTCCTCTGAAAAGGTGTCTCGAACTCGTTGG
CGAGCATTCTTGGCAACGCGTGTCTTGTTGGCATGGTCTGCCCAAGAAACCTCGTGTCTC
CTCCTCTTGATGCCGCGTAATGGAGCACGCATGTCGTTACCAGTGATCATCAAATCGGGT
CGCATCTCACGCCAGAAAGTGTTCCACTGGTCCGGAGTCTTGTCGAGTGGCGAAAGTGGG
GTCTCTGGAACACCCATGTTCATGTCGTAGGCATGGACGACATTATCGGCTGCCTCGACT
GCACGTCTTGAGCTGTCTAGAGTAGTATCAGTATGGAGCCATCACTACAGGTTCTTCAAC
GAGTTGTTACACACCTTGGACAGCTTCAATGTTCTCCCTGAGTGTGTCGAGTATCTCACG
GGTCCGTGATTCGAGCTGCAATGATTCTGATGCTTCTTTTACGTTTGCCATCATAACATC
CAGCATACCAACAACGCCCTGCATTGGCGTCCTTAATTCATGGGATAAGCTCCGGGCGTA
GGGCTTCAACGATTGAGCCGCCGAGACGGCTCTGTGCGGCACGATCCTGGGTATCTCGGC
TTGAATTGATTCTGCTGACTTTGCAAACTCGTTGCCTTCCAATACGCGTTCTAGAATCAT
GTCTTCCAGGCTATGGAACAGCATTTCGAGGAACCCCCAGCTCAACACACGACGAGCTGC
GCCCTCTTTTCCCCACATGACACCGAAATGAGCGAAGCACTTTCCCTCGGCAAACAAAGG
GATTCCAAGGTAAGCCTCTCCGGGAATGATCAGGTCATTTGGGTTGTCGAGGATGAAATC
GTTTAATCTTTCGGGAATGATGAAGACCTTGTCGTGCTTCATGTAGGCACACGGACATTG
GTAGGCATGGTATTTGAAGTTTCTCAGATGGCCGGGTCCGTTGCCATGGTCGTCGTTGAT
GTAAAAGGCCTCGCCCATGAGGCATGCTCCAGGCTCTCCAATGGGGGGCAGTTCGACAGC
AACATTCTTATCATCAACCAGTATTCTCTTGGACACAAAAGCGTACTGAGCATCGGCAAT
TTTGGCGAGGCCTTGGGTGAGCTGAATCCAGAAGCTGTCGGTGTCGGCTTTGCGGAGGGA
GTCCTTTAGTTTGACGAGTTGCTCGGCGGCGTTGCTCTCTGCGGGGACATATAGCTGTGA
CAGTTCTTCTCTGAAGCCGTTCTCTCCTTGTTGCACGACCATGCCTGGCTCTGGGCGAGA
GAAGCAGAGCGACTGGCGCTCGATTATATCAGGTGGGATGGTAGTAAGTCCCTCCATCTT
TCAGAATCCCATGCGGGCAATCGGCACGGGCGTCCAGGATGGGCACAGGGGTGTTGGTCA
GACGAAGTGCGAAGTTGGACAACGATATGCAGAGGGCTACGAAGGAAGTCGGAAATGCAT
GCGGAAGCGGATTAGTAACGGTGTGTGGGAGGGCGAGGAATGCGTGATGTGCGGGACAGA
GAGAAGGAAGGCGAGAAATGGCAGGCACGGCGGGCAGTCAGCGATATGGTTGGTCTTTTG
CTAGAGTCGCACATAAGAGGGCTGGTGGACGATCTAGAACCTGACCCGGAGCCATGGCTT
TGCGCGTCCTTGCACCCTCCAGGCCCGCCCCCGTTGGGTGGTAGTGACAGTCGGCTGCGC
TGCTGTTTGCCTGCACGCGGTCAAAACCACCGTGGGCCCCAACTCGTGTCTACGTTTCGA
GTTGAGGCTCGTCGTGCTGCCCGTCCGCCTGCCATGCCGCTCCCCTCCCACGGTCGTCGT
GATGGATGGCGGCACATTGATGCTGAGCGTCGAGGGACCCTGGGTGGCTTCGGTCAGCAC
ACACAGTGGGTCGCGCCTGCTGGAACAGTCTAGACGCACTCGGCTCCCGGTCGCTCCTGC
ACGATTTCCAGCGCTACCCCAGTAGCCCCTTCCGCTTCGGCCCCTATGCAAACCTCGCCC
GCACACAGTCTGCAGTCACCGCCGACCTTGACGCCTGGCCCTACGCCATGACGATTACTG
TCCGCCCGCCCAGCGCTCCAATCCGGATAATGCGAACATGCCAATTACGCTTTTCGCCCT
CGTCTTGCTTTTTTGCCCATCCAGAGCATATGCTTTATTGTGGCGGCCAAAAGCTACCGC
CGACTGCCCAACAACTGCTAACCACTGCTAACTGCCTAACATGTACACAGCATCCGCGCC
TCGACACAGCCGCACTCGCAGCTCGCGGCCCTTCCTCCTGCTTGACGTCAGCGGCTCCAG
CTCCGCCTACGCATCTTACCGCGCCCGTTTGCTGCGTCCATGTAGCTTCCCCATGAAGCC
GCACTGCCGTCGCACAGTGCTGGTAGAGGGTCAACGATACACCGGGCTTAGCGCCTCGTC
TTACACGACACCAGATCGACGATCGGCCGAAACAGAACCTAGCGCTCTTTGTTCTGCTGT
CTGCTCGTGCTTCCGTCTTCCATCGCTGCCCTCGCGCTGCAAGCTTCGACACCCTCTCGA
CCAGTCGCCTGTCCTGAGAGTGCCCTCTTTTTGGACACCGTTGACGCAGCTTCCGCTTCA
CTCTGCGACGCCGTCCCTCTGCAGCCCACCTGCGCATTCGGCCCTCGAGCAAACATTAAT
GTGTCATCTTTACAAGTCCAGGCCTCAGGCTGCATGCTCGGTCTTTTGCTACTCTTATTC
CCCGCGCTAGCCATAATCCAGCCTGGTCTGACGAATCACCCGCCGTCCCTCCGCTGTCCC
GTATTCAAATTCACACGCGTAGTCTGCTGGCTTAACTTCCGCCAACGTCCAAAGGCCCTC
AAGAGGCCTGAGTCCAGAGTAACGTTACATGGTGTCTTCTTGCAGCAACAACGTCGTCGA
CTTTTCCGGCCCCGTGGGTGTGCTCCTGTTTGGGAACCTGTCGCACCAAGCATTGGCCAA
CTAATCAGAACATGATCGACAAGGCATCGTGAACGGCGTGCTCCCATGCGAGTAATGATG

TGCACCGTGTGCCGATCGACCTCTCTAGCTGTCTCGCTGCAGGGGCGCTGGCCATGTCAG
CTTGATGCACCTCTTCTTCCTTTTGTTTCCCTTTTGTCTTGACCGACATCACCTGTGCGT
GCCTATGAATACTTGCCGCTACCAAGCTGACATCTGAGGAGAGCTGTCGACATGTTCGAC
GCCTGGCGTGCGGCTGCCCAATTTTCCGGCGCTAACTGCACCGGACCACTGCAGAAGGAG
CAGCCACAAAACATGAAAGCTGCCAGTACCCGCTCCATCACGTTGCTAGGACCTTTCCAG
CACATGTCGGCGTCTTGGTTCTCACCGCAACTGCTTTGAGAGTGGAGAGGTACTCTTCGA
GCTCACGGCCGGGCAGCCGTAGCATCTAGATCGTGAGGCGAACATCGTCGAATTTTTACA
GTCACTCCTCAAGATCTTGCATACATCCACGACCCACTCATTGGGTCAAAGCAACGCGCT
TGCCAATCACGCCTCTGCCAACGCGCGTTGACACCGAATGAGCGACACTATGATATCTTG
GTTTGTCATATCTCGCGAGTCCAAAAGCACATGAACCATGGTACACATCTGACATGCCGC
GCTAGAAGCTCTACCCGCGGAGCCGTCTAGATATCTAGACCATCGCCCCAAGGTTTTTCC
GCTACACGCCTTTACTGCAAGCCTGGTATCACCACCAGGCTCTCCATGTTGAGCAACTAC
GCAAGAGGCTTCACAATACATACATAGTACAATGGAGATCCGCTCTGCTATCATGACGAC
ATGGACACCCATGTTCGATGTTAATTCATCAGGCCCATTGCTCAAAACTCTTGGCAACGG
TCTGGACCTACCCATATCGGGCGCCTGGTCTGTCTCGTCGATACCAAGGGCTTCACGACC
GTGCTCTACATGATACGCTTGTATCGACAGCTGACATTAGTTAATTGAGAACGCGCAGTC
CAGACGGTATTGCAATCTTCATGCCCACAAATAATGAATCGTTTTTGCAGTCAACGACAC
CGCATGAGCCGCAACATCTTAAACGGCTGCGGTCCGCTCCAGAGCAAGATGTCCCCTGCC
ACTCCGCCCAAGACACAAAGCAGGCACGGTAAGCTCAGGGCGACAGTGCACTTTGTTCGG
CCGACCAAAGCTAGACGGCAATGATGACACGCCTAGACTTTGACAGACTTTGGGTAGCTC
CTGCACACCCCTTGCGCCTCTCACTGTTGCACCGCGTCATGAACTTCGAATGTGGCTGTC
GTGAAGCCACGGAGAGTCCAGAACATCTCTATCCCACTATATACCATCGTGTCTACTTGG
TCTATTGATGGCTTGCACAGTCCGGGCCGCGAACGTGCCGAGTTCCGGACCGTCTCAAGG
TTAGAGCACGACGTCTTTTGCGGCACGAATCACTACTACTATAAGCACCGAGATTTGACC
GAATACCTGCTCGGCTGCTTCGTGAGAGTGTTCCTTACACCATGCACAGAGCATCGAAAA
GTCGGCGTGTCGCAAAGTTAAACATCGATAGACTCGACGAGCTTGCCTCCGCCTACTCTG
GGTGTCGAAGTATATACTAAAGCATATTGTACAGAATCGGTGGATGTCGGGATAAGGTCG
GTCTCATCAAGAAGTAGACAGTCACATTCAATCACATTGTCTGTAGGACAGATCATATCA
AATCATTCGTAGGGTGCACAGACGATCCTGTGTGACAATACCGAAGTCTTTACACTCACT
CAACAAACTGGAAATGCAATGCTACAAAATGTCTTTGACGGTAGCTTCTAATCACCCAAT
ATATGAGCATTGCAAGGCTTGATAGGGCTGTATCCTTTTGATACGTGGAACAAGGTAACA
CAAGTAAGTCGTTCCAGCGTACGTATACGTCGACACCTCGCTCAAGATGTGATATCATTT
GATCACAACATCAGCATCGGTATGAGTACGTATGACAAACACAACAGCTATCACATTCTA
CCAAGTCAAACAAGTGAACAGGTAAGTACATCTCAAACACATTCAACGCTACCATCGCCC
TACTTGATACGCGACTCGAACTCTCCATGCTCTCCTACTTCCCCCCCCAAAAAATATTAT
GCATCCATCACTCGCAGCCCCGCAATTCTCCTTCACCACCTTCATCATCATACTCCTAAT
ACCCTCCACCGCCATCGCCTCTGCCATCGCAAAGTCCGCTTGTACTATTTCAGCACTATC
AACAACAACAGCAACAACGACGATGGCCACCAACACCACCATCGAAACATCCTCTTGGGC
TACGTTCCCCTCCCCTAGAACAGCCAGCACCACAGTTGCCGCCTTCCCCGCTACTACCAC
AACAGCGCTCTGGCAAATTGACCCCATGTGCCTCCCTGGTGTAGCCCAATGCCACCATTT
CGGCGACCGCTTCCGATACTGCAATGCAACGGGTTACTGGGTCCCAAACTACTGTGGTGG
GGATTGGATCTGCTGTGCGTATAGTAGCCGGAACGGTATTGGGCCTATGTGTGAGGACAG
GGCGGAATGTGAAGTTGTTGGGCGACCGGGGATGATGGGGCTAGAAAGATGGGAGTAGCT
GAGGGCATGAGTGATAGAAGTAACATGAACAAACTGGGTAAGGTCTGAGACTCTTTGCAA
TGGCTCTGTGAGTGGTGAACTTGATCTAGATTGTCATCGAAGAATGGACCAGGCAGCAGT
AATGCAAGGACATGTTTCTACCATACCATTCTATTTGGAGATGATCGTCCAGATGAGCAC
ATTCATCCTCCAAGTTGTCAACTGCACATGTAGTAATATGCCTCCAGACCTCTACCGATC
CTGCAAGCCACGACATATCCTCATATGCTATGGAATCTACTACTAGGAGTTCAGAACTAC
AGACTGGCACAGAAGATGTATGTTTACTGCCCCAGAAGGCTTTTTCGTGTTGATGTTTGG
GAAGTGTGCAGAAGTTGGCATTTGTATACCGCCGGGCTTGCTGAGAGTAGCTTGGATTGG
TTCGACATGTGAGGCTGCGTCTATACCAGCTCTGGCAGCTTGAAGCAAAGAGGCTACTGT
GTTGGAGAATTGCGACGACTATAGCAGTTGACCTGATCTGCTGACATCTGAGTTTCTCGA
CAGTCCAACTCTGGAAGCGCAGTTACCTCGTGCGAAAATGCTCCAGGAATTGTTGCAGCA
TTGTGTTTCTTGAGGCTATGCTCAAGTCAAACTTGATGGCAAGCAGAGCAATAGTCGCTT
CAGTGTTCGATGCGAAATAAAAAAATCATGGTGTAGGATATATCGTTGCATTTTGTATAC
ATATTTCCTTTGCTCTTAACTCATTATTCGTCGCATTTCCTCACAACGCTAACACTACCG
GACCCTGCAAAAGAAGCGCTTACAAGTTAACGGCGGTCCTGAAGTTGTTACCGGCGTAGA
CGGCGTTGTCACCAAGCTCCTCCTCGATACGGAGGATCTGGTTGAGCTTAGCGAGACGCT
CAGATCGGGCAGGTGCACCAGTCTTGATCTGGCCGGATCGCAGTCCGACGACAATGTCGG
CAATGGTGACATCCTCAGTCTCGCCAGAGCGGTGAGAAACCATGACACCCCAGCCAGCGC
CGAAAGCGTCCTTGGCAGCCTGGATGGCCTCAGTGATGGTACCGATCTGGTTGACCTTGA
GGAGGAGAGCATTGCAAGACTTGAGCTCAATGGCCTTCTTGATGAACTCGGGGTTGGTGA
CGGTCAAGTCATCACCAACGATCTGGCCGTCGTAGGTCTTGAAGAAGTAAGACCAAGCCT
CCCAGTCATCCTCAGCGAAGGGGTCCTCGATGCTGACAATGGGGTACTTCTCGGCCAGGG
ACTTGTACATCTCGGCGAGTTGTTCGTATGTGAGCCACTTGCTCTTGTCGCTGTCGGGGT
TCTTGAAGTCAAGATCGTACTTCTTCTCGTCGGCCTTGTAGAATTCACTTGATGCGACAT
CCATGGCGATCTTGATCTTGCCAGTGTAGCCGGCCTCCTCAATGGCCTTAGTGATGAGGT
CAAGGGCCTCCTCGGCGGTCTGGATGTCAGGGGCAACACCACCCTCGTCACCGACGTTTC

CAGCGGACTGTCCGTAGGTCTTCTTGGCAAGGGCCTTGAGCTTCTGGTAGACTTCGGCTC
CCTGGCGCATGGCCTCGGAGAAGGTAGGGGCCTCACTGGAGGTCGTCAGTATGGGCTAGA
ACTGTATGCGGAAAGATGACCTACCAAGGAACGATCATGAACTCTTGGAAAGCAAGACGG
CCACCAGCGTGCGAGCCACCGTTGAGGACGTTTTGGACTGCATAGTCAGTAAAATGCCTC
TACTTGTCAACTTCAGTTCACCTACAGGGTACAGGGAGAACGTAGGGCTTCTTGGTGCCA
GCCAAGTCGGAGATGTGTGCGTAGAGAGGTACACCCTTCTCGGCGGCAGCGGCCTTTGCA
ATGGCCATTGAGACACCGAGGATGGCGTTGGCGCCCAGGTTGGTCTTGTTTGTGGTGCCA
TCGAGCTTGTTGAGGAACGCGTCTACGGCGGACTGGTCCTTGACGTCGAGCTTCTCCTTG
ATGAGAGCAGGGGCAATGGTGTCGTTGACGTTGGCGACAGCCTTGGTGACACCCTTACCA
CCCCACTTGGACTTGTCTCCATCGCGGAGTTCGCAAGCCTCGTGGGAGCCAGTGGAGGCA
CCGGAGGGGACGATGGCGCGGTGAAGGCCGGTCTCGGTGACAATGTCAACCTCGACAGTC
GGGTTACCCTGGAGATGTTAGCAACGAAGCTTGACAAGCACAAATGTCTGCAAACGTACC
CGAGAGTCGTAGACGGAGCGGGCGTGGATCTTGGTGATGGTCATGGTGAAGGATTGCTGT
TGAGAAAGTCAATTGGAGAGTTGGGGAGCCGCAAAGTGCAAGGCAGGAGATATAGAAGGC
GACCGGATGCGCGGGCAGCAATGTCCGGCCGCGGATAGGATGCCGAGCAGAAAATTCGAC
TTACTAGTTGTATGTGTAAGATCAAGTGTCGGTGTTGTTTTGTTTGGGTGGGGTGTTCCA
GAGCTTAAGAGTCCAGCAAGGTTTTGGAGGGGTTGCTCAGCAGAATTCAGCCCCGCTATG
ACGCCGTCGCCTCATTGGTAGCCACCCACGGCCTCTTTGTAAAAGTGTGCATTAACATTA
TCGCAAAAGCATCGAGTGGGACGACGCGCAAGCTGGTTTGGGGGTCTGTGGGATACAATT
GATACATGTCGGTGATACATGCAGTCCTTGGCCCTGTCCGTTGTGAACGGGAGATCGTCG
TCCAAGGTAGCTTCTCCTGCGGGATTCAAAACTTCAGAGCACTCCTTGAGGAAATACCAA
GGAATGTCAGACAAGTGCGATACAACGTCTTCGCAGCCAAGCCAGGCGAAACAGTAGCTC
TCATGGGCACCGGTGAAGGATTCGAGTAGATGCAGAACCAGCCCAACACAACGTTGACCT
GTTTGGTTTGTTGCATGCAGCTGTAGCCAATGTCGCAGGTTCGCAAGGTACCGTGAGTAT
CCTGTGAGCATCATCACGGCTATTCATCCATCTCTTGTATCATGCGAAGATTGCACATCT
ACCTTGGGCTTCCAAGAATTACGGCAGGTCGTCGCAACAGAAAGAAAAAAAGACTGTTCA
GGTCGGTAGAGGGCACAGCAGCATTGTGAAGTACTTTGTACATGTTGGTGCGGGCTAGCA
GTAGAGGCGACGCGCATCTCAGGCTGTTCTGGTATGAAACATCGTCGTCAATGACGAATA
GTTGATTGAACATGGTTCACGAACCGAATGGAGCCAAAGCTGTGAGGTATTGCACAGGTC
TGAGTGGACACAGCTCTTCTTGTTCACGACTCCAGGCGTGCCTGTTCACATTCAAGTCCA
GTTCTGCCAAGCCCGAGCTGGCCCAAGCTTCATGTGTACGGCGGCCGCGACGCTGGGAGC
TGCCTTCGCGTGAGGCTTCAACATCACCGTATAACCACACCAATACCGTCCTCGCCACTA
CGTCAACTCGCTCGTAGGACAAGACTCGTGTCACCTGCCTGCTCATACGCCCTCCCACCA
GACTCTCCAAGCCCGACGAAAGTCGCCCTCCAACACACTTACCGTCACCACTTCAAGTTC
ATCACAATGTAAGTCGCCTTGACGTCTCCTGCTCCAGTACTGACCACTGTACAGGGAGGT
CCTACTAGGAATCACCGGCAAGGATTTCACCCTCATCGCCGCCTCCAAAGCCGCCATGCG
TGGCGCCACCATCCTCAAGGCATCCGACGACAAGACGCGAGTACTCAACACACATACCTT
GATGGCTTTCTCTGGAGAGGCTGGTGACACTGGTATGACGCAAGAAGAAGCCACGATAAC
TTGGCGGTAGCTAACAACGATGCAGTCCAATTCGCCGAGTACATCCAGGCAAACGTACAA
TTATACTCCATGCGCAACAACATGGAGCTTTCCCCTGCCGCAACAGCCAACTTCGTCCGA
GGAGAACTGGCGTCAGCGCTACGGTCAAGAAAACCCTACACGGTCAACCTGCTGTTGGGC
GGATACGATACCATTGCCGACAAGCCGACACTGTACTGGATCGACTACTTGGCGAGTCAA
GCACCGCTGCCATATGCTGCACACGGATACGCACAGTATGTTTCCTCTCTTGCTGTCTTT
GCTGAAGCACTCCCTGCTCTTCTGCATGGTCCCAAATCTAAGCATCTTGTGCTAACACCA
CTTGCAGATACTACTGTCTCTCCCTGCTCGACAAGCACCACCATCCCGATATCGACTACG
AACAAGGCATGAAGATCATGCGCATGTGCACCGAGGAGCTCAAGCGACGTCTTCCGATCG
ATTTCAAGGGCGTGCTGGTCAAGGTCATAACGAAGGATGGCATCAAAGATGTGGAGTACG
AGGACGATGTAAAGGTTGCGATTCCATAGAGGGCTATGGATTGACGAAAGCTAGAGCATT
CCGCCGGATGATTTATGCAAAAGACATGGGTGCCATTACGATTATGACACTTGAGCATGA
TAGATAACGAGAACAAATAGTCAAATGACATTAATGACTAGACCGTGTTTCTCAAGGAAC
TACAGTGGCCGGCGTGCAGATACTTGTTACTTCCTTTTGAACATGGCTCAATTCTCTTCG
CAAGTTCGCATTGTCAAGGTCTGAATAGAGGCCTATAACTAACACCGCCCTATTCAGATC
CGAATGCAATCGATAGCGAGACTGCCGTGAGATACTCTCAAGCACTTTGCACAGGGACTA
GCCCGAAGCAACATAGCACACTTATGCGACAGGCTTGCGCGCCCCTCACTCAAGTCAAAG
TGTGCACAAGACAAATATATGTCCTCCCAATAAATCGACACCGCAGACTCATCGCCATCA
CTGAAGACGACCCAACGAGAAAGCAGCTTCCTACAGGAGTATCGCTCTCCGACCCCACGC
CACCGTAGTGACTGGCAACTAAAAGACAAAGATGTTCTGATAGTCGTGGCTGGGTTCGTT
TGTATTTTTTGATCAAAGAGCCAGAAAGGAGGACGAGGGACGCAGAGTTTTTATACCAAC
GAGTGGGGGCCGCCAAGCCAGTGCACGGGCAGAAGGGTTTTTGGCGTGGCGGGCACGGGC
ACATTCAAGCAGCGGTAGGACTGAGGGCAATGGCGAGGGGACGGAAGAACGACACCGGCA
CCCTGATAACGCAGCAACAATACTGCAGACGGCGATAGTGCGCAGCGGCGGACGCACACT
TAGCAGTTGCATGGCAGGCTTGTCCTCTCTGCTCGATGCAGTACCGAGGCATTCACCGCA
AACTTCCACACACAGCCAACCATCATCACATGATTCACGATGCAGGGAGCTATAGAGTAC
AATGTGTTGAGTAAATGTTTTTTTCATTTCGGAGAAGCTGATGAGCATAAAGCATGTCGC
AATCTATCACTCCATGACGGGAGACAGCATCGCCGCTTGAAAGAAGAACTTTTACGTTCA
AATCATCGCTAACATCTGACATGTGCTTGCCTAATCGGACTTATTCGCAGCTATGTCACT
TTCTAGTTCTTATATCCGTTCTCATACCCGTTAGCCATGACCTCCTGGAGGCCCTGGGGA
GGACCGTTGGCCTGGCCCTTGGCGGTACCGTTGACGGCGCCGTTGGTCATACCGTTCATG

GTCTTCTTTGACTCGTGCATGGAGTCCTCGATAGGCTTGTCGTTCATGGTGTATCCAGTG
TCGGATGCATCGACGAACGCGTCAAGACCGGCACCCTCGCGAGGGTACTCCTTCATCAGC
TCCTTGTGTCGTCGCAGAGCCTTGTTCATCTCCTCGGCGGAGACATCGTTCAGGAATACG
CAGGTACCAATGGGGTTAGGCACGGCAGCACGGAGCAGACCATCACGGGTCTTCAGGATA
GCCTTGGTGGCCTTGTCAAGCATGTCCTCGTCGAACAGCTCGTGGTCCATGGACAAACCA
GCCCTCGAGAACAGGTTCAACAGTCTCCTGTGCTCCTCATCACTGAGGAGACCGCGCTGG
TTCGCCAATGTTGCCGAGTATGCCATGTCGATAGAGATGGCATGGCCGTGGCGAAGTGGG
ACCTTGGGCGATAGCTATGGATGAGTTAGCAAAGTCAACATTCGCAAGGTGTGGTAACCT
TACCTCGTGGAGCGGGCTCCAGGTGTGGCCATAGGCAATGACACGGTCGAGACCGATCTC
GTGAAGGTTAGGTGTCTCGAGTTTCAACATCTCGTGGATACCAGCACGGTTGATCTCATC
CGCTGCTTGGAGGACCTCCTTGTCATCACCCTCACGACCGAATCGAGAAGTGATTAGCTT
CTCACAGTACTTGTCCAGCAAGTCGAATGTGGGCTTGTGGGCGCAGGTTGAGATCTTGAT
CAACTCTGCAAAGCCGTTTCGTACTTGACCCTCCGGTAGGGTCTTCAAGAACGAGAAATC
GAGGAATGTGTGCATTGGGGCGTGGTACGCTCCGAGACGGTTCTTGTAGTTGCCGTAGTT
GACGGCGACCTTGATGCTGACACTAGCATCAATCAGGCCAATGACAGTGGTGGGAATACG
GATGAAGTTGGTATTCCTTCGGTAGGCGGCGCAAGCAAATCTAAGGTCACGAGTTAACTC
CATTCTAACAACGCAGTCAGGCCAGAGTGCCTTAGAGCTATTTTTTACCCAGCAACATCA
GTCACCAAACCACCGCCCTGTGATATATTAGCATCCTTCAACACCATCATCAGACTGGAT
AACATACGACAACAAGTACAGGCTCCTTGCGGATGATACCAAAGTCGGTCATCGAGTCAA
CGATGCTGAGAAGAGTCTCCATGGACTTGGCCTTCTCGCCGATCATGGTCTTGTGAATCG
TCAAGGGTAGGTTGTAGTGGTCGAAGTACTTTTGCATCTCATCGCCATAGACGTTGTAGA
TGTTCAAGTCCATGACGGCCAAGCAACGGCCCCAACGCTCATAGCACTTGGCTAGGTTGT
TGTTGGCAGGGTTGAAGACGCCGTCAAGGAAGGTGAAGTCATATTCGATCTTCTCGTATC
CCTCGACATGGAAGCCGTTCTTGGTCTCGACAACGGAAGCTTTGAGGTCTGACATGGTGA
AAAGAGTTTGAAAGGTGTAAATGAGATACGTTGAGTTCTGCGGGGTCAAGTACGGGCACG
GCTGTCCTATATAAATGTCGACAGACCGATGTCGTTTGGGACTACTCATATAGCTCGCGG
TACACGCTCCGCCTCCATTGGCTCTCGCACGCCAGCAACGCTCCAGACAAACGTCAACCA
TACGCATTATTCTCGTTCATGATGCGGCCACTCGTGGATCCCTTGTTGTTTGGACTTGGT
ACCACTTCACTTCGAGCGAAACTAGGCTCCTACTGGCCAGCCATGATGAAATGACTTCAA
CAACAGCGCCCTCCCAGCGGTAAAACCCGGTTCCGGCACATGGGATATGCACTTTACTCA
TGCAACATGGGTTTTTGCGGGCTTGGACAAAGCAGAACTATCCTATTTTTCCTTCGGCCA
AGGACGCAATCGGCGTAGCACAAGCCGCGAATCCATTTAGTGCCAACAACGGAGTCTCTC
CCGTTGTGGAGAGGATGAGATACACTACATAAAACTGCGGGGCAATCATCGAAATCACCT
CATCTCCACTTCAGGATTCCCATCATTCGATTGCTGACGTTCTGTGGCATATGTTGGAGA
GTTTTCATTTGCCAGCTAGTCGAAAGATGTGCTGCGATGCGCGCAGGGCTGATAGTGCAG
TACCGGTAGCCATACAACGGCACTTTTCTTACCCCTCAGTTCAGGGACAAGCTGGAAAAA
AATGTGACGTTCGAGGGGATCTTTTCGATCCTAGTTCCCGCTTCGGGTAGATAGAGTTTG
GCGGAGCCAGGATCGTTGAGGTATATTGCCTGGTAGAGGTAAGCGTACGTTGTCATGGCA
GGTCTTTGTGGCTCCATAGTCGGCTAGCGGATGCAGAAAGCTCTAGATCGTTGACGACAG
CCACATCCAACTCAACGTCAACACTATACAGAACCGTATATGCACCAATGATCCGACCCA
CATGAGCGTCGCGTATCCACATGGTATAGTATGAACTCGCCTCAACCTGTGCCAAGGGTG
CCTTGACGCGTACACGGGGATGTGGCACCGAACAGGCAGGATATGGCGTCTGACACACAT
TGGCATCCCACCCTCAGTAAAGAGGTTTTGTAGAAAAAGCAATTTGCAGAAAGTCAATTG
CTAATGTGCTAACATAAGGAGTGACATCTAGAACGACTCCACGGAAGCGGGATCCGTGCT
AAAACGGTCGACCGAACCAAGCGCCACTCGTCGTACACGTTCCTGCATGTATTTCGTCAT
TACTGACCACAGCCCCGCACTAAACCACACGCGTTGAGGGGCACTCTCTAGCAGCTTGGA
CGCGTCGAGCTCACGGCTGCCCGCACAATTTCATACTACCATTGAACAACAGCAACAATG
GGTAGTTTCGATCAAAGCAAAGCCTATGCAGCGCAAGAGGAAGAGGGTGCCTTCTTCGAC
GACGGGCGAGAAATTGAGCTCCTGCACTTCGTCTACTCGCACCCCAACATCGAGAAGATA
CGAGGATCGCCAGAAAACGTTCTGGCTGCCATTGACGAATATGGCCGCACGAAGAAGTAT
CTCATGAACGTCGGGGAGGACAAGGGCCGTATCGTAACAGATTTGATTGCGGAAGTAAAG
CCAAATACCATGGTACGAGACTTGTCGAACTCGATTCTACGTTTCTAACACCTCGCAGGT
AGAACTCGGCGGCTATGTAGGCTACTCCTGCATTCTCTTCGCAGATGCAGTACGCAAAGC
AGGTGGTGAGCGATACTTCAGCTTTGAGCGTGACCCCGCTTTCGCGGCTGTCATCATGTC
CTTGGTCGATCTTGCAGGCCTCACCGACCTTGTCAAAGTAGTCGTAGGCTCAAGCGACGA
GGGTATCGCACGACTGGCCGCATCAGGCCAACTCAAACACGTCGATCTCATGTTCCTGGA
CCACTACAAGCCAGCCTACACCACAGATCTGAAGCTTTGCGAGGAACTTGGCCTGATCAC
CAAGGGCTCTGTGCTGGCAGCGGACAATGTCATCAAGCCCGGAAACCCGCCATACTTGAA
GTATGTCAGGTCGAGCGTTGAGGAGAAGGTCAAGGAAGCAGGAGAGGGTGGGCAGACAAA
CCTCAGCGGCATTGCCGAGACGAATGTCAAGATGTACGAGAAGCGATATGGCAAGGCCAA
GTTCAGCGAGAGCAAGGGCAACCCAAATCTCAAGTATGAGAGCAAGCTGGTAAACAGCTT
TGAGCCGACTGGTGTACCTGTGAGTTCAAACACAGACGACGCTTTGCAAGCATTTACTGA
CTAGCACAGGATGGTATCGAGATTACACGATGCGTTGGTTAGATGGAAGCATCATCAATA
GTCGGATACGCGTAATAATCTCTATGAATCGCAAGTTTCAGCGCTGGTGGGTCCTGAACG
ACTCAGACATGGGCATGGTACCCGACCACAGACCAGCAGGATAGCTACCGTCAAGGCTTC
AATGACAGCACAAATCAATGCAATAAACAATTGAATCTAACATTTGAAAGCATTTGTCGA
TCCATCTTTGCGAAACCGTATTGCACATATTGTGCGGGATGTCGAGAAAATAGCATGACA
CGTTGCATTCGAATAAACAAACATGAACCCCACGCACCCTGCATCCGCAGTACAAGCCCC

TCAACATCCATCTGCCGATCGCGGCCAGATCATTGTCCCAAAATCAGGATCTACTATATA
CAGATCGTAAACAGGATCGTGGAGTTCCTAGTGTTCCGCAATGTCGTACATGAGTGAAGT
AACGATGACGTCGAGACTAGTCGTGCAGAGCCAGCACTCCAAGGCCAACAACTTTGTCTG
GGCGAACGCAGCCGCACGCACATCAATCACCTCGCCTATGCAAGAACGGGTTGCGTGACT
ACGAGCCGTCTGTTTACTGCCCACTAAATTCTACTTACTTGCAGTTTGCATTGCAGTGCA
GCCTGCACCTTTTTTGCAGGGGCAATTAAGTCGTTCCTCGGTCTTACTTTTGATAAGGTA
GCGCCGTTGGTGGTGTGTTGGGAAACTTCTAAACGGTGAAGACTGCGCGAGAACAAGTGC
CGAGGTCACGAGCTGCTCATTTTCATCAAGCAGCAACAAGGAAAAGACAATGGCAATGGC
GGAAGGAAAGAAGGATTCGGTGGTGTTGCCATTTTACTATAGCCATGTGTGGAAGAATGT
GCTTCTACTGGCTCTGAGCGCTGTTTGCGCGCCTCTCTCGGCAGCGCTGGTGTTGGTTGG
TCTTGCAGTGTCGAAACTCCATGGACAGCGCAATGCAACGTTTTCCAAGGAGGATAAGCA
GCATGTTGCAGCGGCACGGAGACGGAAAACTATTCTTGTCACAGGAGTGTCGATGACCAA
GGGCCTTACTATTGCGCGCAATTTGTCTCAGCATACACCACATCGCATCATCGGCGCCGA
CATCTCTGCTCTATCACCAGGTCGCTTCTCCAACGCTATTGCAAAATACTACCGTCTGGA
CACACCAAGTGGCGACGATGCGGAGCCATATATTGATTCCATCCTCTCCATCATCCAGCG
CGAGAAAGTCGACTTATGGATCAGCTGCTCCAGCGTCGTCGCAGCCGTAGAAGACGGTCA
AGTCGTCCGCTTAGCAGAAAAGCAGGCCAAAGAACAAGGCCGCAAGTTTGAAGCCGTCCA
GTTCCGGGAAGATGTGGTCGAAAAGTTCCACGAGAAGGACAAATTCATCGACTATATCGA
ATCGCTCGGTCTGCCAATCCCAGAATCGCACCGCTGCACCCACCCAGGGGAAGCCCTCGA
TGTGCTCATGGGAGAGCTTCACAGAACCCCGACAAAATCTGGGAGAACAGCACCCAGGCG
ACAATTCATCATGAAACCCATCGGAGTGGACGACAAGGCGCGAAACAACATGATGACCCT
CCTCCCCTTCAAGACACCGGATGCAACAGCGCAATACATTCACTCTCTCAATATTAGCAA
GGAAAACCCATTCCAACTCCAACAATTCATCAAGGGAAACGAGTACTGCACACATGCACT
CGTCATCCGCGGCAAAGTAAAGGCCTTTACTAGCTGCCCCAGCCTAGAACTCCTCATGCA
CTACGAACCGCTACCAGCCTCCTCCCCCCTCAGCAAAAAGATGCTCGAATTCACCGAGCG
TGTGTGCAAAGACGGTGGCGAAACCTTTACAGGTCATCTGAGTTTTGACTTTCTAGTCGA
GAACGACGACAAGGGTGCGGCTGCGAAGTTCTACCCTATTGAATCTAACCCCCGTGCTCA
TACGGCTGTCGTGCTCTTTGAGCAGACGCCCGAAATGGCGGAAGCATATCTTTCCATCTT
CAACAGTCCTAACCCATTGACCTCCAAAAACAAGCCTGGCCCTGTTTTTCCTCGCACCCC
AACGTACAGTTATTACTGGATCGGACATGACCTTGTATCTTTTGTCATCCTGCCACTTCT
CGATCTCTTATTCGGTGCGACAACGCTGCAGAGTGCGTTCAATGATCTAGCGACATTTTG
GAGTCATGTTGTGGGGTGGAAGGATGGGACGTATTTGTTTGAGGATCCAGTACCTTTCTT
CGTCTTGTATCATGTTTATTGGCCGGCGAAGTTCTTGGAGGCGTTGAGAAGGGGGCAGGC
GTGGAGTCGGATTAATGTCAGTACTACAAAGATGTTCGAGGTTTGAGTATGGGGTGATGG
ATGTGAGCTGGACGGGAGGAATAGGAAGGTGCGAGGTGGGATCGGGAGTCGGTCCAATGC
ATGTCAGTATGTATAATTCTAGATGATTTTTCATGAAGTGTTGTATCATTACTGTGGCGT
CGTCACTGGACCTGATCGCAATGTCGTGCTACCTCAACGCTGCCACTCCTTACCAACCTG
AGCTTGGGCTCTTCAATTCATCATCCCCTATCTACTACCCCTCACCACCTTTAGTCCGAA
CTGGCATTACTATCAGTATCCCAAACCCTGCCCAACTTCCCGTCCCTAATGCTCAACCAC
ACCTTCTTCAACTCTGCCGAATCCCATCTAGCTCTCTTCTTCAGTTCCGCAATAGCAATC
GCCATCTGCCTCTGTACGCGAGTCTGTTGGCCACACAGCGCCCGAGCCATACTGCATCGA
GCGAAGCAGCGAAAAGCGACATGGCGTTTATTAGTAGTGCTGGTGAGACGACGATAGTAG
CCTCTGCGCGGCTGGGATAGAGCTACTATTTTGGTCTTCTTGGACGTACGGCAAGGATGG
AATGCGGTCGTGTGGGATTTCCGGGGTGTGGTACTAGAGTAGGTTTTGTAATGGTATGTT
CTTCTTGTCATGATTTTGCGCTTGATGGCAAGTGGTGAGCGAACCGTGGGTTCTGCGACG
TTGAGTTGGTTGTTACGTTGGTCGTTAGGTGAGGGTATTGCCAGAGAAGTTGAGTCTGTG
GTACTGATGATCTGTTGGGTTGGGTCGTTTGAAGGTTGGCCTTGCCTTAATTTGCCAGCA
TAGAGGGAGAGGGCGAGGGCATATTGAGAGATGGTGCCATATACAGGATCGCTGATCTGC
TCGCATAGGCTAGGAGTATAGGCTGGGCCGTTCTCGGTGTCTTCATCTGCTTTGTGCTTG
CGCTTGACGCCTTTCTTTCCGTTTTCCTTGTGTAATGAAACCCTACCGTTCTGAGTTCCG
ATGACATCTATAATTGCTGTAGTTGCCGGCTTGTTTAACATGCCTCCCAGATTGTTATTT
GAATGGTCTGTTCCTGTGAGCTGGTTGCCAGGCGTATACTGTGGATCATCTACTGAGTCT
CCATCTGCCTCAAACTTGTGCTTGACTCGATGATCGCCGTCGTCATTACGCAGAGTAGTA
CTGGAATCGACATTGTCGTCAGCAGTTTTGAGCACCACCTTCTCAACTTGAGCGACGGTG
TCGTCGACGGTAGATGTGTCCCTGCCCGCCTCTTCAGCAGCATACGAAGCCTTGAGACCC
TCCCAATCTCCCTTGACCCGCAACTTCGCGCGCTTCAACTCCACATCACCTTCACTACGA
GTTAAATCCTGGATCATCTCCGCGACACGTCGAATCTGTTTCAACGGCACGACCTTGGTA
GACAGCTGATACCCAGCACCTTCCTCAGCTTCCGCTTCCTCTCCTTTCTTAGTTTTTGGA
TCGATTTGAAGCGCGCGGAAGAGATCAGTTATCAGTTGAAAGTTAGGGGGATCTGGATCA
GCATTCATGTCTTCGGCGCGGAAGCGCTGGACTTGATCACTCATCAGCACTTCCTTACGG
ATACGCAGAACGAGGTCGTAAGCGCGGCGGTAAAAGGAAAGGAAGTCGAAATTACTGTGC
ACCTCGTTCTCTCGTAGTTCTGATTTCATTGTACCGAAGAGTTTGGCGTGGGTCTCATCT
TGCTTGTCGAAGTCGGGTCTGTGTACCCTGGATTTGCTCTTTCCTTTTCGCCTTGGCTTT
GGAGGCGCGATATTGGCCGCTAGGTTCGCGAATGTATCTCGTAGGCCCTTCCTATCTTGA
GTAGCTTCCTGACAGTCATCATCTGGTGTCTTGTCGGTATCCTCGCTTTGTCGATAGAGG
TAGTTAAAGACTGCGTGACGCCTCAGCCAACGATCGTTGTCCGCATCTGAATCGTAGTAG
TCGCAGATTTTGGCTTCCAAAGACAATTCGGGTTGCAAACCACGCTTGGCACCAAGTTCT
CTCGAGACTTGAGGTAGAAATTCGGACGTGTGACGGAAGTCTGAAGCCATAACGCGACTG

CTAGTGTTGCCCGAGAGGAGATAGCGGTTGAGGAAGTCGTTAGGGTGAGTAGGTGGATCA
CCCCGGAACATAACCTTGGCCCCATATATCATGATCAGGTAGTCCAGGTCTGACCATAGA
ATCTCCAGACCACCCATCTGGCAGGCGGCGTTGTATAGATGGGCCATACCATGAATGAAC
CATTGTATCTTAGCAATCGCAGTATGATGATAGATAGAGTTAAAGTGCCACATAGAGAGT
CCTGCGAGCGTCGAGTGGACAGTGATGAAGATGCTAGCAGTCATTGGCTTTTCTTGAGAG
TTCAAAAGCTCTTGTAGCCACTCCAACAGCCTGTCTAGAGGATTGAGAAGGATGGTGCTA
AATTTAATCTCTTCTTTGCACATGTAATCTGGCTTTGTGCCCTTGGCCCACATGCGATCC
TCGTAATCGACATGATAACGGATACATCTAGCGATATCCAAACCGTGCTCGGTAAGGTCG
CGTAACATCCGACGGTAGTCCTCACGTACAGCTTCCTGGATGTCAAGGACAATGGCCAAG
CCGAACGGCAGGTAGTCCTGTGATGTACTCTGGTGCAATAACATCTCTTCAGTAAAGTGA
TCCCACTTAGGAAGTTTGAGACCGCCCTTGCGAATGACGTCGAAGAACTTCAAGAAGAGC
ATGAGAGGATGCTCTCGTATATCTTCGTCAGCACTATCCTCTGTTGGGTATGTCTTCGTA
ATGTAGGTTTTGATCAAAGCAGCAGCATCCAGACCGAACAGGTGGCGCAATACCTTTTCA
GCAGGTAGTGTCGCAGAATTTTGCGCCCCAGTCTCAAGAGCAGCTTTGTTTTGTTGAAAA
GTTGGTGGATGAGTATGGCCAATTCTCCAGGTAGCAGATCAAGCTCTTCCACGAGTGACT
TGACATTTTGGTTCATTTGGTCCTGAGCCAGGTCTGATACCAACGCTGCTGTGATCGCAT
TGACAAGGCCCTTGTGGTAGAGCACCCAAATCTCGTAGAGGACATCTCGTATGCGGTTGA
AAGTGTAGAGAAAGCAGAGTATAAGGAATTCGCGGCGCAGCTGCTCTTCCTCTGCAGTCA
GCGGATTTGTCTCTGATATTGGTGCCTTCTTCTTCGTCCTGGATGTCGGAGTTTGTTGCT
GCTGACCATCACTCTCGATGTCGCATTGGTCCTGTTCCCGCATTTTCTTAAGCAAGTCGT
CTTGTTCATCTTGGCTTGTCTTGGGACCAGTGGGAAGCTGAATGAACACGAATGTGGGCG
TGTCATTCTTGCGATTTCGAGCTTTGTTCATTCCAGGAACGAGAACTTTCAACGACGCCA
TGAGCGTCTCTAGGCTCCCGCTGAAGTATTCGTGACCCAAATCCGCCGTGTTGTTGTGTT
TGTGGTATTGCGTCACCTCTCTCCTGGAGCGGATGGCATCTTCGAGGTCGTTGATACCGG
AGGTGTCGGCAAGTGGAACGCTTGTAGCAGTGATGGCGTTGACGAGTTGCTCCTGCTCTT
GTAGTGGTATTCTGTAGCCCTTTTTGCTCTTTTTCTTCTTAGCCTGGTCTGCGACTATAT
TTGCGAGTTCCACGCCGCGCTGAATTCCCGTCTTGAGCAGCCATGCCTGAAACTGTTCGG
TATACGTTTTGTAACGCTTGACTGTCTCGGGAAGTTCGTTCCGTCGATAGTAATCCATCT
TGAAAGAGAATTGGAGAGGTGGTTGAGAAAATGAATGTGGGTGGTAAAGACCATTGAGAA
GAGTTGAAGGCAGTGAATTTAGCTGGCGAAGTAGCTTCGCGAGTGCTCTAGAAAAGCTCC
CGAGAAAGTATCTGTGCTTTCTGATATCAGGAAGAATGAATAACGATTATAGAATAAAAC
GTTAATGGTAGTGCGCTCACGGGCCGCCAACTTACAGTCAGGTATTGCGCAAGATGACAG
TTCCGTTCGCGATAATGCAGTCAAGACCCGCCTAGATCTTGCTGTCGCATGATAATACTT
GACGCAACCGAGTGGTGGTCTGGAGATTCCGAGCTCAGTGGTTCATACCCTTGCTATGCG
CTAACGCTCGCAGGTCTCAAACCCAGATACACAAAGTGAAAGGAGGGAAAGGCCTCGTCA
CTAGAAACACCGAAATCCTTCTTATGTCCTTCAAGGCTAGCGTCGTGGCCATTAAGGGCA
TCGCTTCATCGTTAGCAGTAAAAAAAGGAGTCGGCCGCTGTGGTCCATCAGAAGCCGTCG
TAAAAGGCGCGGGATTGAACAGTATCCATTCACATGTCCGCCCAGAGAACGTCTTACTCT
ACAACAACGAGCGCCATTCCCTACTTTCCGGCCTCTTGATTCCCAAATGATCACACATCA
GCCCCATATGATCAACGCCCCAAAATCCCTCAGTCTCCCCCTTTTCATTCGTAGCAACAA
ACCAAGGCAGGCCAAAAGCCCCATCCTCAAACGCCTTGGTCGTATTCCCACCTAGCACCT
TCTTCACCTCCTCCGTCTTGGTCCTCTCTAGCACCTTGCTTGCCTCCTCCTCACTACCCA
AGGCAACTGCGAGAATAGCAAGCAGGTTCTCCGGCTTGATTGGATCATTCCATTTTGCCC
AGAAGTTTTCGTAAAACAGGGCGATGGCTTGTTCAAGGGCTTGGGGATGCGACAGAGAGA
GGGAAACTAGGGCGCGTTGGATAGGCAGTGTGTTGATGGGGAAGCCAGGTGGAGTATCTT
GCGAGATGGGGACGTTAAAGTGAGTGGATAGGCGCTGACGCTCTGTGTTTATCCATTTGT
CCTTGTCTGATTGGGTGTGTTAGATGGTAAGATAAGCAGTTGCAATGACGGTGACTCCGA
TGATGGTCCACCAGGTGAGCCGTTTGTTGTATCTTTTTCTTTCGTGTTGCGCTTCCCCCT
TACTGTGGCCAAGCTAAGCTGCTCTTTCAAGAGAAGGGGAGATCCGACATACTTTTTATC
CTCAATGGTGGTGTATTCTCGCAGACCTTCATCAACCCCCCAAGCAGAATAGGCACATAC
GTCACCTCAACCTGCTTAAAAACCTTTGAGTTCTACTCGGAATGCTCTTGTTAGTACTGT
AGTGCATGATTCTAGCACAAAAATCTGGATTTACGTAGGACACATGGTAACGCAACTTAC
TTTCAAGATGTAGAAAGCAATGTAAGCAAACGGGCTGACAATGTCAACGTAAAGGGTAAT
CTTCGGCTGAGCCATGGCTGGTTGGATTATTGCAGAAGTCAAAAGGGGATTACTGATCTG
GAGTGGAGATGAGACCGGGGGTGCCTTTGTTCCTGGCACCTTGCTCTATGTAGGTGGTTG
GTGAGGAGACGAGGCCGGTGATCTCATAGCCGATCGGATTAACCGAGGCACAATCGGCCG
GCGTCTATCCTTGACGCAGGCAGACAAGTACCACATTAGAGAAGGAAAATCCTGAAATTG
TCAAATATGGTATTCATATCGAACCTACAATAACCCAGCTACTCGCCGGAATCTTGGTGC
CAGGCTAGCTGCCTTGAACATATTACTCCTAATCAACCATGACGATATCCCTTTGAAGAC
CCAGCTGCGAAGTGCCGTTCGTAATAGCCTTGACTTCACCCGCAACCTCGTCCATTTCCT
TGAGAGTAAAGTCCAATAAGTAACTCTCATCAACCAATTCCTCTACTCGCTTGTAGTGCC
TCTCAGAGTACACCTTGATGGCATCCATCACATCTTTCAGACTGCCCTTTGCGCCAACCT
TGCCCTGCGGCCTCAGACTAGCTAGTCGAGAAGCGGGATATGACTTAACAATAGTCCACA
GAATCTTCTGAGCGATGGGTGCAGTACGCACGTTGGTATTCCAGTCGCGGAGGCGGATGA
GCAGTTTGTACAGCTGTTCGTCTGCTAAGGAACCGAGGACTTTGTCTACGGTGATGAGAC
CTGAGAGACTGTCTGTATCTGGGTTCTCGGTTTCCACCACAGATTTAAAGAGGGAGAAGA
GACGGGCGGGCTGGTCCATCTGGAGTGCAAGGACGATAGCTTCGCGATAGTTGCCGGCGT
AGGTGTAGTTTTGTAGTTTTTGATCAAGTTCGACGCGTTCTGTTTCCGCTGTTGTGGCAG

CTTCCAGCGTGGTGCTCGTCGTATCTTCCCAAAACGTGATGACACTATCTCCACCACCAG
ACACCAAGGCGCCCGTTGTGGGGTGTGCGACAAGTGCCCAGACACGATCAGTGTGGTTGT
CAAGTGTGGACATGGCCTCACCGGACACTGTATCCCAGATCTTGACCAGTCCGTCACCAG
CTGCAGAAGCTATTTGTGGGCCACGCTTGTCTCGTGCGTCGACGGGTCGATAGGGCAGCC
ACGACAGCTTCAGTACACTGTTTGAGTGGCCTTCTAAAGTTAGTAAACAGCTGTAGTCTG
CTAGACTCCAGATCTTGACCGTCTTATCTCCGCTGCCTGTTGCGATCAAGCCCTTGTTTC
CTGAGTTTGGCGCTTGCGAGTCTTTGGGTGCGAATTTGACTGACCACACACCACGTTTGT
GACCTCGGAGGACACCAATAGCCTCTCCTTCTGCTGCGGAGTAGATCTTGACCGTACGAT
CCTGCGATGCGGACGCAAAAAGACTTCCAGAGGGGTCGATGTCGATGGCATTGATGTCTT
TGTCGTGTGCTTTGCGGGTGTACTTGGCTCGCAGTTTACCCTTCATCTCTTTGGTGGTAT
CCCAACGCTTAACTGTCCTATCTTGAGAGCCGGTCACAATATACGCAGGTGGGTGTGACA
AAGGGTCTGTGAAAGCGGCTGAGGATTCCTGGGGTATGGTGTGCGGCAGTGCAATCGCTC
CAAGCGACTCGGCATGACCTGTGAGGACTGCAGCACAGGTATACGATTCGTTAGCGGGGT
CGAGACGCCATAACCGTGCTGTGTTGTCTTTGGCACCTGTGACAAGCCAGTGGCCTGACC
AATCTACATCTAGGCAGATGACAATGTCTTCGTGTCCCTTTAGCAGTCCGACATCGGCAC
CAAAGTATTTGCCTTGGGTCGCGTCTTCTGCGTCGGATTCGTTGAGTGTGATTATCCGAA
TATCCTCTGAGTTGGTGTTGAGTGCCAATAGGGACTTGTCTCGGCCAACGTAGGCGATGT
CAATGACCTCGTCGTGGGTTCCGGAAACGCGGCGGAAGATGGGCAGCGGGTCGATGGTCT
CTTCTACGACGAGTGACTCTGCTGTTTTGAGGGAGTAGAAGTTGAGCACTTGGTCAGCGT
GCACCGAGATCAAGTAGGGCAATGAAGGATAGTAGAGGATGTTGACAATCTCATCCGTCT
CGGATCCAGGCTCTTGCTCTCGGGTGAGCTCTCTTCCACTGGAGGCTGACCAGAGTCGTA
GTCGGCCGTTCTCTCCACCAGAGTACAGGATCTTGCCGTCTGCGATGAAGCCTGCGCTCT
CGATGCCCTCTAGAGTAGCAATGGTGCGTTGCGCCTTCCACTTGTGTGAGTCCCAGACAA
TCAATGTCTTGTCTCTGCTGCCAGACAGAAGGACCTTCTCTTGCGGCGAGTACTGTAACG
AGCGAACGACGGAGACGTGCGAGTCGAGGACAGCAGTGCTCTTTCTCTTGTGAAGATCCC
ATATCCGTATTTTGCCGTCTTCGGCACCAGAGGCCAACCGAAACTGTATCTGAGTCTCGC
CCTGAGCTTGATCCGACTCGGCGCCTTCCTGCCGCGACTTTCTCTTTCTCTTTTTGTTGT
TTTCCGAGGCGTCGTCACGCTCGGCTACCTCTACCTCGAAGAAGTGCAGGGCCGAGACGA
CTCCACCATGGCCGTGGAAAGTGTGTGTTGTGTAGCCACCGACAATGTCCCAGATCTTGA
CCACGCCGTCGGCGCCGCCGGTGGCTATCAGTGTGCCCGTGCGATCTGTGGCTAGCGTGA
CGACAGGAGACGTGTGTGGGCGTAGTGTTCGGAGAAGGTCGAGCTCGATGACTTGGTCGT
CGGTGTCAGAGGGCCTGAGGGCGAAGAGGCGCATGGAGAGGGAGCGCGAGCACACTACGA
GATGAGATGCGGACGGGGTCAGGGCCAGGGCCGTGATTGCCTCGCCGTCTCCCTCGACCC
TGGCCAGCTCCTGGCCGTTGGTGAGGTCGGAAAGAAGGACATCCTCGCCCAAGCTCGCGG
CCAGAATGCGCCCGTCTTCGCTGAGGGCCAAGCTGCCTCCCGAGTAGATTGGCTGCAGGG
TGCGAGCGACCTCGTACGTCGTCTTGACGGCAGCTCTTTGGGCCGACATGGTGGATTGTG
GACTTGGTAGCGTCGCGTCTCTGCCGAGAGAGGTGAGGGAAGTGTCGCAAAGTGCTCGAG
GAAAAAAGTTTATCGATAACGGCAGTCGCAAGCCACGCGCGCTGACGTTTGGCGCCGGCG
CGTCTCCCCCCGGCCGCCAACTCGGCTTCTGGAGCATGCGCCTATATTGCATTGTTCAAG
ATGCAGTCACCTTGTTCTACTGCGTGCACCTGATCAAAGTTGAATTTTGTCAGCACCACC
ATGGGCCGGCAAGCCTACCTGGACAAGATCGCTTTCGTACACACGCCGCCAGCCAGCGCA
ATGCTCGAGGACATGTCTGACACGCTTGCTAGGGACGGTCTGCCTTTGAGCCCACCCAAT
CCGCCTCGCAGTCGACCGAATACGTCCAGCTCGAATCGTCGCAGTCCGAGATTCCACGGC
GTTACCACGAGGCCACGGCCAACAACTACGTCCAGCTCTACGACGAGCGCGGCAACCCCA
TCAACCCCCGCTCCCACCAGTATGGCAAGAAACTCAGAGGCGCCCAAAACGATGTGCTCG
CGTCTGTCGGCGTCGTCGAGCGCAGACACTCTCCCGCCGACGCCTTTCCAGGGTCCAGCG
TAGAGCGTCTCGAGCTGCTCGAAGCCGAGGATACGGTTGGAAACGCCATTGCGCTGGCGA
CTACCCTTACCGAGAACCTTTGCACATGGTGGATAGGCTCAATCAGGGAGAGGATCCTGA
CATTTCGCTATCCCCATGCCCTTGCCTTCAGCCACATCGCAGCCTCGGAGCGTGCCCTCT
CTGGCACTTCCATTGTCTATGCTGGCTTCTTCTCTCGCGTCTTTGCGACCATGAACATCC
AAGCCATCGTGTACAGCACTTTTGTCTATCAGCCCGTCGAACGTGTGCTGTATGCGACAC
GTGCCAGCCCAAAGACCCGCCACTTCTTCCGACGAGCCAAGAAAGCCATCAAGTCTAGGT
AGGTCCCACGTTCGCCTTTCTACTTCTCGTTAACCCCGTTAGTCTTCGTCTGGGCCTCGA
GGTTCTGTGCTACCCCTTCTTTTACCACGCTGCTTTGCAGCGCCTTGGCCTGGTGCCCGC
TCGCCCACTATTGCCAAACTGGACATGTCTCATTCCCTTTTCAAGCTCATCGCCTCTGCT
ACCATTTTCTGTGCGATACAATGCGTCCAGTTCCATCACGGACTGTATTGGAGCAGTGCT
GACTTCACCCCTTGTCCTTTTATGTGCTGAACATGCCATTGAACGCTGGATTTATGCCTG
TGTCTACGAAGCAGTCGAGACAGCCGTCGTCCGCCCTGACAAGCCCGACATACCCAGCCG
AGACGCCAACGGAAAAGACCGTGCTTTGACTGTGCTCGGGTTGCGGCGGGAGTCACCAAC
CCTTATTCGCAATGCCATTCACAGGCTACTTGCAATGCTCGGCTGGGCTCTTCCAAGTTC
CTCTCCAAACACACAACAGAAGCGGACCATCGAGCTTGCAACCACGGCTGCTTCAAACAA
TGGCCAGACAATAGAAGTCGGTGGTACTCAAGTGATCAACGCTACCCCGCTGCATCTTCT
CGTGCTCCAGTCCCAAGATCAGCCTGTCACAGAGCCGCTCGACGCAGATGTAATCACAAT
TCCAATAGATGCGTTCCAAGATTTGATACGATCCACAACTCCACCGGGATCACCAACAGA
ATCCGAGCAAAACGAGAACGATCCTCGAATACGCATTACTTCAAGGGAAGGTATCGTAGA
GATGGAAGTCCGCCTACCACCTAGGATACTTTCCACTCATACTCGTGTTGCAGAAGCCTC
GGGTTCCTCGCGAGATGATGCAGCTGTGGAGCCGCGGGACCGAGCACGCTCAATAGACGG
CCATGTATACCACCGCGTATCCCAACTCTCGTGTGAGCCTGCGCAGATGATCAGTGCAAT

GGTGAGAGCTCAGCTTGTCGGTCTTGCCATGCTTCCGTTTAGGATGGTTACTTTGCGAAT
GATTGCTTCACACCATCTAGTCAGCCAAGGCGAATACGCGGGGTCGCATCGCATTGTGAA
TCCACTAGAGCTCCATGGCGATATGAGCTGGCGGAACATTGGCACCCAGCTCTCACGCGT
AGCGCTCTGCGGGGCACTGGAGTTGGCTATCGATCTCAGTTTGTGGGGAATGCAATATCA
GGCCATTACAAAGTTTGGACAGAGTGTCTTCGGATGGGGTACGCTATAGGCGAGTCGCTC
GCTTCGTATACAGCGTCAGCACCAGTGACATGCTCTTGCATTGCACTTGGACTTACCACT
CAGGCGGGACATTCCTGAAGTCTACATGTTCGGTAACACCCGATGCAATGGCCGTAGGGT
GGCACCTTTGTGCGTTTCACGAGCAACTAGACTCGACTGCCGGCATGGAGAATGCTCCGA
AGAAGAAGAAGCAGTAAGCAGTGCACAGCAGCGTCCCCACGATTCCAACGGGTTGGCTTT
TTATTGGTCACCGCCGCTATGGGGCATACTTGGTCTCGAGTCAAGTGGATAGACGTTTGA
GCGGATCGATCATGTTTGTTGGGGCATGCGCACAGAGGAAGATTGCCGGCAGACGTTTGC
AAGACATGATGGTGACTCGGAAGGCAAACGCGGCAGCACGTGCAATGTGGCGCTCCTCCC
GCCAGCGCCAACGCGTTCGTCTCACGAGGCTGGCGCTATGCAACGCAACTAGCACAACTG
ATTGGGGGAGCGAGATGCGACGTCGAGGTTTGGTCAACAAAGGCTTTGTGACACGGAGAT
TGCGAATGGTTCTGTAGTAGAGCAATGGCATGTCGCAGGGGCAGAGAAGCGAAGGATGGT
CGGCATGATTGCCTGTGCAGGGGCGGATCAGCAGGGATCGCCTCTGGGGCTTTACAAATA
CCGTTGACGCAAGTCGTCACTACAGAAACGTCGCTACCAGAAAAACCGTGAGATTCAGAT
AGAGCAGCAGTGTGCACGGCGCGCGGTGCAAGGCCAGATAGCGCGCAGAGGGTTAGGCAA
AGGTGGTCGGAGGACTGGTGCCATAGGACAATGGTATATAGCCGGAATGCTACGCGAACA
GAGCCGGGCAAGGGTCTGCAGATAGCAGCTGTGGGTGCGGATATGTACGCTTGGACTGAG
GCTGGCGGAGGGCTAACGTCTTTGGTGCGTAGAGGCAACATGGGGGGAACAAGTTGAACC
CACCAAGAGTTGACGACTGAACCCCTTTTCCACCCTTTCCCAGGGTCGGGAGAGGGTCTT
GTGTCTGATTTCTTCAGCCGTCCCCACAGCGCAGCCGTCGAGAGCGATTTGCCGCCTCCC
ACTCGTTCTTTGCTTTGCACGGAGTTTTCGTCGGTCGTTCCTTTGTCGGGCCCCTGCACA
TGCACCGAGTCCCAGGGGATATCCACGCTTGGGCTTTTCGGCGGCCACCATCCTACCATC
CATCCCATCACCGCTCCTTTTTCCCCACCACGCCAGCACACTGCTGCCGACCTCTTACTC
AGACACGCCGAGTGCTGTTGTATCGCATCTTCACCCTCGCTTCCGCCCTCGACGCCCTCG
ACGTTTGCCAGAGCGCGCTCCAGCCTCTTGCGTCAAACGGCAGTATCCACTGCACCTACC
CGTCTCCGCTGCATTACATTCGCGCTTGCTTCCCGCATCCAGGTCCCTGCCTGTCTGTCT
GAGACTGACGCACACCCAACCAAGCCTGCCTCTCTCCCCTCCCCGCAATACACAGCCAGC
TCAGACTGCTTCCCCGGCCTGTTCGAATTCCGGTCACGACTACTGGAGGGCCACGCCGGA
CATGTGCACTGTGGCATAGGCCACCTGGAAAACAAAGGCAATCGGGCCAAACACTGCAGC
GCCAGCACCCTTCCAGCCTGCAGTAGCACTCGAACATACGCGCCACCCCCATCACCATGT
CGGCCAACTCGCTGCCTCGCCCCTCGCGGCCGTCGATTGCTCCTCCCACCGGTCCCTTGC
CCTCGCTGCCCGTCCCCAAGCAAAGAAGCTCCAATGTCGGTCCGACGACGCGAGCCTCGT
TGCTCCCAGGCGCCGCCAATACACGCGCTGTGTCTTCGTCGTCGCTACCCTACAGGCCAA
CTTCCAAGCACCTCACATCGCCGTCCGTGCCGTCATTCCCACCCGAGGCTGGTGCCGCCG
GATCGCTGCCCGTTGGAAAATCGCTGCGCAAGACAGTCAGCATCGGTTCCTTTCCACAAC
CACCCAGACATGGTGGGCGATCGAATCCAACCAGTCCGCTGTCGACGAGTTCGACGCCTG
GAGGAGACATGGTCGATCGGAGAGTGTCGTCAATATCCAAGGGTCAAACGCCTTCCAGGA
ATAACAGCCTTAAGAAGCCGCGAAGCTCTAATATTGGAGGAGCGCGAGGTTTACTACCGA
AATCACCCCTATCACCCCCCAGTCTACTCAATGGAAGCGCAGATTCCGTCACAGTAGAGA
CAGCCCACCTCAGTCTCCCCTCACCACCGCAGAGTCGCAACTCTTCACCCCAGGGATCGT
ACGCAACCAGCGCAACCACATTCGAGGAAGGGGAAGATGGACGCGCAGATGGCAAGGTAC
ACAAGGACGGCAAAGGCAATGTCATTGTCAGCGTTCGGGTACGGCCTGATGCTGGGGCCA
AAGACAACAAACACGACTTGGAGTGGGAGGTTAACAACAAGCGCGCACTGATAGCCTACA
AAGGCAAAGAGGGCGGAGACTACATATATGGTATGGTTGCATAACGAAGTGGAGGGTGAC
TGAGCTGGAGCTAATTTGGTCTGACATAGACAACGTATTCGATACCCAAGACAACAACGC
CCGCGTATACGATGCTGCAGCCAAGCGACTTGTCCGGAGGGTCATGGAGGGCTACCACGG
CACCGTCTTCGCCTACGGAATGACTGGAACCGGCAAGACGTTTTCTATGCAAGGAACTGC
AACAAATCCTGGTGTCATACCACTTGCCATCACCGATATCTTCTCTTACATTCGTGAGAC
GCCTCAGCGAGAGTTTCTTCTGAGAGTCAGTTACATTGAAATCTACAATGAGAAGATTAT
CGATCTGCTAGCGGGACCCGTTGTAGGCATGAACGGCCAGACCGGGCCCGTTGAAGAGAT
CAAGCTACGCGAGGACAGCAAACGTGGTGTCTATGCGTCGCCACTAAAGGAGGAAATCGT
GCAGAGTCCGACGCAACTCCTGAGGGTTATTGCACGAGGTGACAACTCAAGAAAGGTGGC
GGGTACCCAGTTCAACGCGCGCAGTTCCCGAAGTCACGCCGTGGTCCAGATTGTCGTTGA
GAGTAGAGAGCGCGCTCCCGGCCCAGCAATAAATGGCGACAAACGGTCAGCCATTGTCCC
TGGTGGTGTCCGTGTCTCGACGCTCAGTTTAATCGATTTGGCTGGTTCTGAAAAGGCGGC
TGATAACAAAGAAAGGCGGACTGAGGGTTCCCATATCAACAAGAGTTTGCTTACTTTGGG
TACAGTCATTGGCCGATTGGCTTCCGATAAAGACAAGTCTGAGAAGGACAAGGGCAAGGG
CGACAAACATTTGCCATACCGAGACAGCAAACTGACCCGACTTCTTCAACCTGCCCTCTC
CGGTAACTCGCTGGTCAGCATTCTCTGTACAATCCAGATCGGAGCCAGTGGGAGTCCTGC
TGCTGTCAATAGTCACACAGGTGAGACGCTGAATACTCTCAAATTCGCCTCCAGAGCCAA
AAACAATATTGTCAGCCACGCCAAGAAGGCCGACGAATCTATGGGTGCTGGTGGGGACGC
AGGAAGTCGAGCGCTTCTAGATCGCTACCGCCTGGAAATTGAAGAACTCAAGAAGCAGCT
CGCTGAAGGCAAAAACAAAGAACCCAAGGAAGAAGAAGATGACGAGCTGAAAAGAGACAA
GGAGGAAGAAAAGGCGCGCGAACTGGAAGACAAGCAGCGGCATGAAGAGCAGATGCTTGA
GATGCAACTAGCCCGAACAGCCCTAAAGGAGCGGATCGAGCATCTTAACAGGCTGATTTT

GAGCTCCAAGTCTATCGGTGTCAACAATGGCCGATCATTCTCTTCAATGAGCTTCCAGCG
CGGCTCCATCATGAGCACCAACCACCACGACATGCGCCCAAGCTCTATTCGCTCTTCTGC
TAGCCATGCGACCCTCGAGGTTCCCGGTAAAAGACAAAGCACACCACACCTCCACATGGA
CGGCTCTGAGGAAGACGACTCGGTTGGGGAGAATGGAGATGGTAGTGCAAGTCAGACGGT
GCAGATCCAAGCACTACAGGCTGATCTTGCGGATAAGAACCGTTACATCGCTACCCTTGA
AAAGCGCCTGTTGCACGCTCGGCGATCGAGCCATTCTCGTGTCTCCATGTCATTGTCACA
CAAGCTCACAAATAGTGAGGAGGGTGGTATGATCGCAGCTCTTGCCGAGAGAGACAACGA
GATAGTCAACCTGCGCGCACAGCTTGAGGATAAGGAGCGTATGATCGGCGCCCTCACATC
AGCTCGCAAGAAGAACGACACTGCACATGAGATGGGCAGCGAGTCACCAGGCAGCCGGCG
CACCTCGGGTTATCAGCGCAGCGGCAGTGATGGTAGCGGGATTAGTTTACCGAAAGGTCC
AACGTCGCCTGCACTCAGTGTAAAGACGCCCTTCCTACCCCCTCCAGTTACCAACGGCTC
TACCAAGAATATCGAGGAGATGACGCGTATGCTAGACGAGATGATTACTGGTCGCGTTGA
AAAGACTGCCAGGCGAAGCAGTCTCAGACCAGTCACCGAAGGACCATGATCTTACCCAAC
GCAGAAGATGGTGAGAGTCAGGTACGAATTCTTGCTTGGACGAACAAACGAACCAGTTCA
GCCGGGTATGAAACGAAGTACAGTAATGAGGATGAGGCGAGAACGTCAGCAACGAGCGGC
GCGCGGGTGTGGCATCGTACTTGCACTTTTCCCAATCCCATCCAGCAAACAACATGTTCA
TTCACAAAGGGACAAGACATTAGCGACAGGCGTTTAATCGGGGAAACGGAGTAATGATTT
GAGCCACCAGGCACATGGACTGGTAGGAAAATTCGGCGCAAATAGCCGTGCATGGGATTT
TTATGTTACGCACATGGGTTATATCCAAGGGGGGCGGCTTTCTGGCTGCTGCTACTGCTG
CTGCTTGTTTAATTCACATTTGCGATATGGCGAGCCCTCCTGGTGGAAGGGGATTTTGTA
ACACTACTACTCTTTTCTTCTTGTTTTCTATTCTCTTCGTCTTCTTCCCCTGTGCCGACC
GAGGGACTTTCGATCTGATACCCAAACCCCCCACCCCATCTTTTACATAGCTTGTCGTTG
AATTGTGTTCTTGTTGCGCTAATGAATACAATGTGGGAGCTATAAATGAAGGCTTTCACA
CCTTGTTCTCGACAAGATTGTGTGTTTTTGTGTGATGTGATTTTAACAAGCCGTATTGAT
GTGTAGACAACTTGGTTGCACAACGTCTCGAGGTCTATACGCAATACGATAAGCGCTACC
TTACTAATTGTGAGCACCGTCATCCGCAGGATTTTGAGACGCCAACACGCTAGCAATTTG
CAGATATGTACTCCGAGGTTTGTTCATAGTACGTGGTGTGGGGCACAAACTTGTCGTGCC
TCGGGATCCTGAAGGAGACCATACAGCTGCTATCTAACCTAGGTACTTTTTACATAGTCG
CCTCTCGTAGGATTCCAGGGAGTCAACATGCTAGCAATTTATAGATACTCCGAAGTTGTT
TATAGTACGTGGTGTACGGCACAGCAGAGCCTACTTGCCGTGCCTCGGGATCTTAAAGTT
GATTGCCAGCTGCCGTCTTACTGCATGTCCAGCATGACATTCTCAAATAGCAAACTTCCT
TTAATACGTGTGCATATACATCTGACTACATGCCCTTTACCCTAAACTTGCAGCAGACAA
ATCAGCCTACCTTTGCAAAGATCCCAAGCCACCATTGGTGTGGTGTCACTGTCATGTGGT
TTTGGCTGCTCAACTCTAGCATCAAAGGCGTTTAGCGCCGGAGCGCGATCAGTCGACTAA
GCACCAGTGCGTCAACAACGTTGCACTAGAGGGGCATTCTGAAACAACGACGCCCTGGCC
CGCGCACATGCGGCAAAATGAGGTCCCCTCCTGCGCCTTCCGCATTCTCGCTGTAACCTT
CCTGGATCAAGCAAGTGCGATCTCTGCAATCTTACCTTTGATCCTATCTTGGTCTCCGCA
GCGCTTCTCGAGTCGTCGCTTCTATACCCTTGGGCCGCTTACTGGCTTTATCCGCTGTGC
AAGGGACTCTCGGGCGCTCCTTGATGGAGATCATTTTACGGCGGGATCCTGCTCGGACAT
CGGATTGTTTCTGGTTGTGAAACTCGTCGTGCACCAGGAGGGGCCTTCTCTTCAAGACAC
GCCTTAGGTTTGCCCGCCCTTTCGAATGGCTTCTTGAACGTCCTTCTACTCCTTCTTCCT
TTGATTCGTATCTTGAGCGAACGAGGGGATTGAGTTATACATTCTTGTACTTTATTTTTC
TTCTACTTGTTTTGCTTGTTTGATAGGCGGTGCCTACGTCCCCTCCTTTGACTACTATCA
CATCTTTACTTGCTTGTTGGAGCGTTCTCTGCAGGGTCAGAGGTGACGTTTACCTACTTG
CATATATCGGCATTACAGCTTCGTCATCACTGTAGCACTGTGCACTGCAGAAAGCCGTTC
GACTTGGCCGTACCCTACATTCTCCCTCTTTCCACGAGCGGTGACGACGCGCACGCCCAT
CACATCAGTCTACCGGGTGTCTCGCATTCGACATGCTAAACCAGGCTGCGAAGAAGCTTT
CCAAGATGCATGTTAGACGGAATCCGAACCTGTCTATACAGTCGACAGCGCACTATTCAC
AACTGAGCCCGCCACCCCAGTCTGCTACCTCTAGTGCTTTCCTCTCTCCCACGGTCCCCT
CGAGACGTGGCCTACTTGCGAGATCCCCACCACCGAGTCCGAGCCTTCCTAGTCTGCTGC
CAAAGCATGGAAAGAAGACTACACAGCCGAGTCATTCAAAGTTGGTGAAGCGAATACTGA
TAGGCTGCTGCGGTGTAGCATTCCTACTATGGATTGTGCTGAGGCAGATATACGCCAACT
CGCAAGGAGCGGCAACTTATGAGGATGGCAACGAAGAAGAATGGGAGATGGTTGGTGGCA
GTCAGTTGCCGCATGAACCTGTCGCCCTTGCGCTGCAGGACGCAAAGGGAAAGATGAGGT
GGACTGTATCCATACCATCCGACTATGAATTCCCGCTTCGTCCGGCGCAGTACCGTGATA
TCTGCCATCAATCTATGGAAGTCTCGAAAGAAATCAGACAGGAAGCGAAGGCTTCGGCTG
GCTTTGCGAAGAGAATGTTGAACTACTATCAACAAGACCAATATTACATTGATGTCCAGG
AAGCGGAACAACAAGGACTGTTGCCACCATCTAAGGCTGCTGGAAGACCCAAAAGCTTCG
TAGAGGACGAGGCTATCCGGGATGGTATCTCTACGGAAGGACTCAAGGTCTGTGACAGGA
CTTTGACATATGTCATGGAAACGGAGGATGCAGGTTTTGGCAACACGCTGATGCGTTTGT
GGATGTCGTATGGTTTGGCAAAAGCCGAGAAGCGCGCCTTTTTCGTTGATGACACTCGTT
GGTATGTATCTACATTTCTGACTACCGGATGATTGACACTGACACTACCGCCAGGCCGTA
TGGCAAGTACTCCTCTTACTTCCAGCCTCCCCCTTCCGCAAACTGTCTCCCTCCTCCCCC
ATCTCACATCGTCCCCTGTCCTCACACTGCCCGACACATCGTCGTCAGCGGAGCGACGTT
GAAATCCACCTTTGGACATGCCTTTACCGACGAGTGGGAGGATCCAACAAAAATGGGTGT
GCAACGCCAATCGAAAATCTTCAACCTCGCCCGAACAGGCTATGAGGCTCTCTTTAAACT
TCGCTCAGACGACGAAACCTACGTCCTCCAACGAGCGCTGGAAATGTACGGTGAAGTTAA
GAGCGAAGGCGGCCTCAGCATCGCCATGCACGTCCGCCACGGCGACAAGCACCCCATGGA

ATACCAGTACCAAAAGGACTACATCCCGCTAGCCCGCTACGTCGACACCGCCCGCGATCT
CTACATCGATCTTGTCGAAGGCGGACTAAAGAAGAAAATGGCCAAACGCAATCTACTCTC
TTCTCCATTCTCTTCCTTCTCTACCGACTCCCTCACCCCCCGCCATACAACCTCGAAAAT
GATACTCGCCTCTGACGACCCCCTCGTCTACGACTCCCCCGAACTAGGCCCTAACAGTGT
TCGTGCCCAAGACCGCATTGTCCTCGCCACAAAAGCCGCTCTCGAAGCCGCGCAATCCCA
GCCGAAGAAGAACACGTGGATCGACGAGATTACGGGGTGGGAAGGCGGCTTCTATCGCGA
CGTCTTCTTTTCTTTGGGACAACCTGTTGGCAACGCCGAGGACATGAAGAAGGTCAATGA
GGAAAAATCTGCTGTTCCTGAGAGTGCAATGAAGCTGAGGGAGCTTGTTGGGCGCGCATA
TCTGCTTGACTTGAGTGTGTTGAGCAAGGCGGATACGGTGGTTTGCACAGTTAGTAGTAC
GAGTTGTAGGTTGCTTGCTGTTATGATGGGGTGGGGAAGTGCTGTACAGGAGGGCAAGTG
GAGGAACATCGACGGCCAGTTCGACTGGAAGGGAATCATGTGGTGAGAGTTGTTCTTTCA
CCCCTTTCGTTTTTGTTTTTGTTTGGTTGCATGAGATGCTCGGGAACAGGTGGGGATGGC
AAGTGCGAAACGGCATATGTGCGTGTATAGAGATGAATATAAACGGCCTAAAGGTAGATT
TTGACTTCCCCTCTTTCTCCCATCTTGTTGAATTTAGAAACGTGGTATGAGAGCGGTTCT
GCTATGATAAATGATGCTTGACAACAGCACACATCTCATGAAAAAGTCAATCCGGCTAGC
CTATTGGTTCTGTCGGGTAGATTTTGGCTGGATTTTAAGCTTCAAGGCAGTCCGAAAATG
ATGTGGTCGGGTCAAATCTGGAGTAGCAATATTCTATGTGAGGAGTGCTACGAATGACTG
GGGGCTGACATCCTTCATCTGCGATACTAAATCCAGGCGCAGGGAGTCATTGTATTGATT
CCTCGACAAGACGATATTCCAACTATGCTCCCTAAAATATTCGTACAAGACAGTCACCAC
TTCCTCTGCCTACCGCCCCTTTGGTTTCTGCCCCTTTCTCCTCTCCCAAACCATGAGATA
TGCTTCCTTGGTAAACAACGTCTCAGCCCTCTCTTTCTCGACATACAGATCTTGAATGCC
GTACCACTCCTCTCTCGCTCGATCCTTGACCTGCACTCTCCAAACCTTGCTTTCCTGCTC
ACCTTCAACACTATCATCCTTTTTCTTGACCGCCTCGTGAGTGATGTTGGCTACAAGATC
ATACCAGATAGGCTCGCCGGGAGGATAGTCTTGACTCGGCTCGACGTACGGTGACATGTC
AAGAGAGTGTACGGGAAACGTGACGATGGTTGGATTCCGTTCCGAGACGAATTTGTTCTT
GGAGAAGCGCTTGATGTTGAAGAGGAGGTAAGGAGGTAAGGGGTGTAGGAGGCGGTAGCG
AACGCGGTTCTTTGACTTTTCTTGTGGAGTCACGCCGTTGTATTTTGAAAGGATATTGAC
AAGAGGGACCTGTGGGATGATGTTCTTCTCGAGGGCGTCTTGGAACAGAGGGGCTGCCGG
TAGGTCGAGGGTTAGCACGAGGAAACGTGATATCTCGGTTTGAACGGCGGCGTCTTCGAA
GCGGAGACGATCACCGGCATCAGCACGCGCAGTAATTTCTTGTTGCTCGATCTTCAGCGT
GCCTTGGAACACTTTCTGGATTATGCTGCTGTTGGGTTTTGTTCGCGAGCCGCCGACTGC
TAGGTGAAGATTGTTGAGGAACCATGAGAGGAAGTCGACGGGATCTGACTGGTCAGAGAG
AGTAAAACGTTTTGATGATCGAAGAGCTATCTCTTGGAGGAGTTCATGGGGTGAGACGTG
AGTTTTGAAGGCCCGTGGGTTCCAAATCTTACGGACGAGGGTGCTAAAGCGCTGTGCGAG
CTGCGGCCGGGTCGACAAATCTTCCAGCATGAAATAGTTCCGCAAAGGAGAAACATGAGA
TAGAGCTTGTATCACAACGTTGAAGTAATCGTTCGCTTTGATGTTGTTCATACCAACGAA
ACCTGGGATATACTCTCGATTGGAGAGGTCCCATGATACCTTGGGCTCCTTGTCTAGCTT
CGCAACCTCTTCTTTGTTCATACGCGGATCCACAACGAACTTGATGTCGTCCAACGACTT
GGACGTCACTTCGTAGCCCTCTGGGAGCACATAGACCTTCTTTGTCTCCATATTGACGTA
TACGTGATGGCCCTCCTCCAGCGCGTGGAAGTATGCCTGCGATTTGGGGCCGCGACCTTG
GTAGTATTTCCCGCATACTAGACAGGCATACACGTTGATGTTGGAGAGGGTAACGGAACA
TAGTTTCTCAAAGTCGAAGTCGAGGACTTTGCGATTTATCGTATCAAGGTATAGATCTGT
GTAGCCGGCTTCTGGGGCAGTCTGGCGTTTCGGCGCAGCGATTGCGGGCTCGTCATCGTC
GTCGTTGTCGTTTAATGCGCCGGCTTCCTCAAGCTCGGCATGCTCCTCGTCGTATGCGCC
TGTGATGTCTACTTTGTCTCGATATTGCTCGCGCGGTGACATGAGATGACCATTGCTAGT
CGCGCCATCGGGCTGAGGGCTCTCCATCTCTTCGTCTTCGACCTTGGCGCGCTTTGGTGC
TGGAGAAGGCGCGTCGTACATTTCCTCGAGCGGTTCTAGCGCCGGTCGCTTGGACATTTT
GCGCAGGGAAAAGTGTCGCGAGGATACGGCAGTCGAGTGGCAGCTGGAAGAAGCTACGAG
TCCAGGTCGAATACAGCTGCTCGCGCAATTGGAGTGGTGAAGCAGCGAAAGTTGTAGGCA
TCCAAAAGGTCACGGGCGCCGGTGGAACCATTGGCCGGGGAAGCTCCGGGCGCAAACACG
GCAAACACAGCTTCAACGCGGGCAGGTCGAGAAAAAAGTCGCGTTCAGGCACCACAAACC
AACAACCCCACACCTTCCGAGATACCCCTCTTTGCCTGTTTACGAGTGCGTTCAAGATGG
TATGTCGCACGCCTCGCTGCAAAAGCAACAAAAGCACTCACTCGCACGCAGTCCAACCCC
ACCCAGATCTTTGCGGAGGATGTCACAGAGGAGAAGGGCGAGAATGCGCGTCTCTCGGCC
TTTGTAGGAGCCATCGCCGTCGGAGACTTGGTCAAGAGCACACTGGGCCCCAAGGGCATG
GACAAGATATTACAGTCTGCGTAGGTGCCGCCTCCTGCCCCGCCATATGATGCCTGCACT
GACATGTCTCCAGTTCTACCGGCGAGATCATGGTTACAAACGACGGCGCTACCATCCTCA
AAGCGATTGCCCTCGACAACGCCGCTGCCAAAGTCTTGGTCAACATCTCAAAAGTCCAAG
ATGACGAGGTCGGCGACGGAACGACATCAGTCACTGTCCTTGCCGCCGAACTGCTGCGAG
AGGCAGAGAAGCTGGTCGACCAGAAGATCCACCCCCAGACTATCATTGAGGGCTACAGGA
TAGCGAGTTCTGCGGCTCTCAAAGCCCTGGAGAAGATTGCCGTGGACCACAGCAGCGACG
AGCAGGCTTTCAGGAAAGATCTCGAGGCCATTGCCCGAACAACTCTGAGCTCAAAAGTGC
TCTCGCAGGACCGACTACAGTTTGCGAAACTTGCCGTCGACGCCGTCCTCAAGCTGGGGG
GATCGACCGACCTCACGCACATTCAGATCATCAAAAAGGCTGGCGGAAAGCTGAAGGACT
CGTACCTGGACGAGGGATTCATCCTGGACAAGAAGTTCGGTGTGAACCAGCCAAAGCGGA
TAGAAAACGCAAAGATTCTGGTTGCCAACACAGCCATGGACACGGACAAGATCAAGATCT
TCGGTGCACGGGTCAAGGTCGACTCGACAGGCAAGCTCGCTGAGCTGGAGAAGGCTGAGC
GCGAGAAGATGAAGGCCAAGGTTGAGCGCATCAAGGCACACGGCATCAACTGTTTCGTCA

ACCGACAGCTCATCTACAACTGGCCAGAGCAACTCTTCGCGGATGCTGGCATCTGCTCCA
TCGAGCATGCCGATTTTGACGGCATTGAGCGCCTAGCCCTAGTCACTGGTGGAGAGATCA
CTTCGACCTTTGACCACCCAGAGAACGTCAAGCTCGGCCACTGCGATCTAGTCGAAGAGG
TCATCATCGGAGAGGATGTGTTGATCAGATTCTCGGGCATCAATGCCGGACGGGCATGCA
CCATCGTCCTCCGCGGTGCAACCGAGCAACTTCTCGACGAGGCCGAGCGATCGCTACACG
ACGCACTTGCCGTTCTGTCACAGACGATCAAAGAGCCAAGGACAACGCTGGGTGGTGGCT
GCGCCGAGATGAACATGGCAAAGGCCGTGGCAGAGGCGGCACAAAACGTGGCTGGCAAGA
AGGCCATCGCTGTCGAGTCCTTCTCCAAGGCGCTCCAACAACTACCCACCATCTTGGCCG
ACAACGCTGGTTTCGACTCGAGCGACCTGGTCACACGCCTCCGGAAAGCCGTCTACTCGG
GCTTGACCAGCTCAGGTCTGGATCTCCTGTCCCCTGGAGGTGGCATTGCGGACATGAGGG
AGCTTGGCGTCATTGAGAGCTACAAGCTGAAGCGCGCGGTGGTGTCGTCAGCATCAGAGG
CTGCAGAGGTAAGTCTACCCAATACGGCGTGATTTGAGCAAGGAACTAACACGACTCTAG
TTGCTACTGCGAGTAGACAACATCATCCGAAGCGCACCACGGAGACGTGAGCGCATGTAA
GGGTGGGGTGAGCAGGCATGATGTCGTCAAGGATTTCGACACTAGATAGAGTGTATACTA
TGAAAGACATCAATGCATCCAGACGAACATGATGAAGACCAAGCTTCTCCTTTGGTCGTG
TCACATATGTGGCAGTGGGGGCGGACACTGCCGAATGTGGAGTGAAGTTGCACGCAACGA
CAGGTTGGCGACTGTGAACAAACAGTTGCTTAGTAGTTGCGAGAGCTACTCAAGTGCTCA
CATCATCTGTTTCATGTTGTTGTCTCGAATAGGAATCTTAGACTTTTACATGGTACTTGC
CGCAGCATGGCAGTCGGACTTGGTAAGAAACATGGGGGGTGTTGGGGCGGGGGGGAGTGC
AAGCCGGGTGTTCCCCTTCTGACTGTGTCGTAGACCGAGCTGCAGGCAGACTCGCAGACA
GAGTTGGAGGAAGACGAGATATTTGCCAACAAGAACGATGCTTTGAAGTGATATTTGGCC
GTGTTGCCGGTACCTGCGTGGACAGCAAAGACGACGGGGCCAAGGTTGGTGCTAAAACAA
GGGAAACAGGCGGGCGTGTCGGCAAGGAGTTTAGTGGGCGGGCTGGCTGACGAGGCCCCG
GCGAGACCCCCAGTTTGCGGCGCACGCCCAGACAGTTGCAGCAGCCCCCGCAGGTTAATA
TCGAGGCCAAAATCACTGCTGCCACAGGCCTTCTTCTTCTTCCGCCCAAACCTCATCACC
TCCCACTGATGCTCCATCACCCCCGCTCTCGCCGCCTTCCCTAGGCTTCCCACTCATCGA
CGCACGACCGACCCGCCATGCCGCGTCCGCGCCGGCCGCCCGGTGCTGGCTCGACGCTCA
CCACACTCGCCCTTCTCATCATCACGCTTGTGGCAGCTCAGCAGCAGCAACCACTCGACC
ACCATGTCGGCAACACGTCTCCCCACGCCGAGGTGCACGTGCAGCATGCAAACACAATTA
AACCCCACCACGGACACCCCAGCCTCAAAGACACTGTAGGGGACGCCCACAGACGTCATG
CCTACACGCCCTTGAACGACCAGAATGTGCGCGCCGTAGCTACCAAAGTTCCTTCTGCTC
CAGCCATCAGTGCTGTCAGAGCCCATCCTGCCAGATACGCTGCCTCGGGAGGCCTCATCC
CCAGTGCGCGTTCTCTGCAGGATTGGGAAGTTGAGGACTTTGTTCTCTTGGCGACCGTCG
ATGGCCATATCCACGCACGCGACCGATACAATGGAGAGGAGATCTGGGAGCTAAGCGGAC
GGCCCATGTTGGAGACCATCTACAACGTCTCCGAAGACAAGACCAGCCCCCACCACCAGC
CCTTTGTGTGGGTCGTCGAGCCTAAAGAGGACGGAGCTCTCTATCTCCTCACTCCAGGCC
CCCACCCCCAGCTACAGCACCTGGGTGTCACAGTCAAGCAACTCGCCGAAAGTGCACCCT
ACTCTAGCGATGACCCGGAACTCCCCGTCGTCTACAACGTCGAGAAGAAGACATTCATGC
TTCTCGTCGACGCCGCCTCGGGCATTGTCAAGCAGAGCTTCACTCCGGGCGGCAACTTCC
CCTACGACGATAGCTGCGCTCCCGACTCCAAGAACTTCTTCAGCACTCGGGAACGCGATT
GCCGTGGCATCATCGACATTGGCCAGACTCAGTACACCATCACCATCCACAACAAGAAGA
CCAACGAGCATATATGCACGCTCAAATATGCAGAGTGGAACCCAAACAGCCGAGACAAAG
ATTTGCAGTCCCAGTACGATCAGACCCTGGACAAGCAGTACATTTATACCATGTACAACG
GCGAAGTCATTGCCTTTGACTACAAGCGACCGAGATCGCACCAGCGTCCCCTCTACAGAC
AACGTCTGCCTTACCCGGTAGCACGTGTCTTTGACGTTGCTCGGCCTCTGAACGATCAGT
CAAGCGAGCCGCCCCTCGTTTTGCTCCCACAACCAGCCGGCCCCATCTTCTCGGATGACA
AAGCTAACCACGTCCTGCTCAACACGACCGAATCGGGGGCTTGGTATGCTCTTTCAGAAG
TCAATTACCCCGCAGTCACCGACGGTGCACCCGACGCAGCTTGCTACAAGCAGAACCAGG
TATCATACGACTGGGACTCAGCCTACGTGTTGCCGGATAGGAGAAGCCTTATTGGTGTCC
ACAGGCTGGACTACAGGATCCCCAGCCAGCAGGCACAATTGCCAGGCATCGCCGCCACGA
CTTACTCTCCAACCTTGAACGGTCAAGTCGTGTCTAATCCGCCTGTGACATCACCTCATG
AAAACCCTCAACAGCAAACGATTGAAGGGCCGCCTCAAACGCAGACGGCAAAAGCATCCA
TCACACTCTTTGTTTCCTTTATGATTGCCGTTGTCGTTTTGGGAGCTACTGTGAAACCAA
CAGTACGACAGTCCTCCTTGAGCTACCTCAACAGACTTTTGCATCCAGCCAAGGCCACTC
TGTCACCGACTCCACTGTCTGCCTCTACCGAGCCGGAAATCGATCAATCCGTAAAACAGG
AGACTCTAACAGTGCCTGTCAGCGAGGACGTCGTCCCTGAGAAGCCAAATGTAGAAAGTG
TAGTAGAGGCTGATATCGTCGCCCCTGTTGCTGAGGAAGTCAAGGAGAAGAAAGTGACTT
TCAACGTCCCCGATGACGAAGATGAAGATCTTTCACCTCTCTCTAGAACCACGACGGTTG
AACGTGGTTCTCCTAGTGAAGACGAACCTACCCTAACTGGTTCCACACTCAACGCGGATG
CTCAACCCATGACTAGCAGTATCGACGACATTTCGCAGGACCCATCCGCCGCGCCCACGA
CTCCTAAGAAGAAGAAAGCACATCGGGGTAGACGTGGTGGACGCAAGCTCAGCAAGAATC
AACAGAAAGAAGAAGACGAGGTAAATCGCATCGTGGACGCAGCTAAGCAACTCGAGGTCG
GGCCTCGCCTGCAACCCGATGAACTTACTGTGAGTGGTGGCGATGTACAGAATGTCTCCG
AGATCAAACGGATCGGCAAGTTGACGATCGACCAAGATCGTCTTCTTGGCAACGGAAGTG
GAGGAACGTTTGTCTTTGAGGGTAAATGGAAGGTACGTTGAACAAGTCAATCTGTTACGA
TTGAGCATGTCGGCCGTCCAGCAATGACGGTTTCCACGCATTCTCGATGAGTATCTCATA
CTAATTCTCTTTGCAGGAAGTCAAGGTGGCTGTCAAACGCATGTTACCACAGTACTTCGG
ACTCGCAGAGCAAGAGGTGAAGCTATTACAGAACAGCGACCCGCACCCGAACGTTATTCG

ATACTTTGACGATGAGAGGGATGAGAACTTCTTATATATCGCCGTCGAACTCTGTCAAGC
TAGTCTGTTTGACCTTTACAAAGACGGTCGTCCAGGAGAGGAACTTTCTGAAAGCCACCA
GCAGTTGGTGAACAAGATCAGCGGGAAAGCTGCAGCTTGTCTCTACCAACTCGCTGCTGG
ATTGAATCACCTTCACCATCTTCGCATCATCCACCGCGACATCAAACCCCAGAACATACT
GATTGCACAGCCATTGATCACCTCCAAGGACGATGTACGGCTAGTGATATCTGATTTCGG
ACTCTGTAAGACGCTGCCTGACAACGTCAGTACCCTTGTCGGAACGACTGGCAATGCAGG
CACGGTTGGCTGGAAAGCGCCTGAGCTTATCTCGCAACCGAAGGAGTTGGCCAACGGCAG
CTCTCAAGGCTTCTCTCGCGATTCATCAAGCTCTACAGACCCGGTCGCGCAAGGCGTCAA
GCGAGCCGTTGACATATTTTCTCTGGGCTGCGTTTTCTACTACGTCCTCACTGGTGGTTG
CCATCCTTTCGATGACGAAGAAGGCTGGATGCAGATCCGCGAATACAACATCAAAAAAGA
GAAGTCCAATCTCGATCGCCTGCTTCTCGGTGCCGATTCCGTAGAGCCCCATCGTCTCAT
CCATTGGATGCTGCGACCCAGGCCCGAAGACCGCCCCAACGCCTTGCAAGTCATGAACCA
TCCCTTTTTCTGGGACGATCAGAAACGCCTTGATTTCCTGTGCGACTGCTCGGATCATTG
GGAACGTGAACCCAGAGACCCACCATCGGAACACCTGGCAGTGCTGGAAGAATATTCGGA
AGACGTACTGGATCATAGACGCAACTTCCTCGCCAAACTTGACCAGAGTTTCATCAACTC
GCTCGGAAAACAGCGCAAGTATACGGGCGACAAGATGCTGGATCTGTTGAGAGCGCTCAG
GAACAAGAAAAACCACTACGAGGATATGGAGGATGCAATCAAGGCCAAGGTGGGGCCATT
GCCGAGTGGCTATCTGAGATATTGGACGGTCAAGTTCCCGCAGCTGCTGATGAGCTGTTA
TGACGCGGTGTTGCGATGTGATCTGGAGCGCGAGCCGCGATTTAAGAAGTATTTCGAGAG
CATGAAGTAGTGGACGAAGAATGTTATTGCGATTGATGCACACACAGACCGAACATGATT
GTTTGTCCATTCGTTTGGATTTGCTGTAGCCCTCTGATGAAGACCATGTGCTACCTCTTC
AATCGACTGCCATCCAGCTCCGCTAAACTCGCCTTTACCATGTCCGGGTTGTTGTTCAAC
AGCTCTTGCACCCTCTTTTCGAAAGCCTTGACCATGAATTCTGCCACCTTGGGCGCGACG
CCCCCACTCAAGGCCGCGTACATGGGATTTGCAAAAGCAAACTCTACCGCCAAACTAACC
TGTGTCTGGTCGTTCTGGATAGACTCGACAGTCCACGTACTCCGTAGATGGGTAAGCAAA
CCATTTTCGCCTTGTTTCCTCTCTGTTCCCTGCTTCTCCCCATCTAAGTGATGGGCGATA
TCGTCAATCTTCAAGCTCGTTTCCGTGTTCCCGCCTACACTTTCCACATAGCGTCCCGGT
ATGCAATACACCCTACTCACGAAACTCTCGGTTATGCCACCAAAGCCGCTCGTCAAGATG
CCTTCTGATGGCCACCGCCGGCCATGAACTTTATCTGGTGCCGACCACTTCGTTATGTCG
CTGCGTTGGCAGTAGGGCAGGAAGTTTTGGTAGTTGGGTACGTCGGCTATGATGGAGTAG
ACGGGGTCCGAGGGGTAAGGGAGAGTTCGCACGGCGGTCAGGATTTGAGGTGGCGAGGAC
GAAGATGGGAGGGCGGAGTTTAGTGCTTCGAAAGGGTTGGGGAGGAAGGTTCGCCGTTGG
GGGAGGCGCTGGGGAAGACGCGTGTAGCGGTGCACCGATGGGCGAGCGGATCGCAAGGAT
GCCATTGTGGATCTAGAGCAGTGGACAGCGGAGTTTGTATTGAGAGTGTCACCTCGACAT
GATACCTGAGGTTTTCCGAAAGCCTAGAATAGATGAGCGCATCAACCTTCAGTTGAGTGT
GGATTCGCGCCGCTAGGAGATGCGGCTCTGCAATGACGCTGCCAGGGACCGCGGCCGCTA
AACTCCTCTCGACATTAGCGGCTGAAATTTCCCCTCCATGAATTATCCCCATGCCCCGCG
TACGCGACTCTAACAAAAGTCGGCCACGGCTGCGAAAATGGATGCCATGGAAAGCGCAAA
CACAGACGCCATGGACGGCCCAAGTTCTCAGGATAGTGGCGACTCCAGATTCCAGACGGA
CAACAGCATGTCAAGGAAGCCACAGCCTAAACAGCAATTATCCAAAGCAATGGAACATAT
GCGCTTCGCAGTCACAGTCGATCCTATACCGCATACTTCGACTTCCACGCCACCGCCAGA
AGCCTCCGATGCCGCATCTCCACCCACGCAACAAGGCCCCGAGAACGACGCTTACGGAGT
ACCTGCTTCTCTACAGCCTGTCCGCGCACCACCCTCTCGCTCCCACGACCCTGGCAACAA
CCAAAAGCGCAGTGACCCCTTCGCATTCGGATCGCGCTACCTCGAGGAAGGCGACAACAT
CTTCGAATTCAATGCCTGGGACCACGTAACCGTCGACTCCAACTACCTTGCCTTCTCCGA
AGAACAATATTCCAAACAACGGCAAGAGCCCGTCTCCGAGTTTGATCGCAAACGTTACAA
CGACCAGCCCGAGAAGTGGTGGAACCAATTTTACAAGAACAACAAGACAAACTTCTTCAA
GAATCGCAAATGGCTGGCGCAGGAATTTCCAATACTAGAGGAACTGGGTGCAGAAGATGG
ACCCGAGGCTACCTTGTTGGAAGTTGGCGCTGGAGCGGGCAACAGTGCGTTTCCCATCTT
GCAGAGGAGCCAAAACAAGAGGCTGAAGATACACGCATGCGATTTCTCTAAAAAGGCAGT
CGAGCTTATACGTAACCACGAACTCTACGACCCGGAACGCATACAAGCCGACGTATGGGA
CGTAGCCGCATCGCCCGACTCTGAAAACGGCGGTCTCCCTCCAGGGCTGATAGAAGGCAG
CGTGGATGTCGTACTCATGATATTCATCTTCAGTGCCCTAAATCCCAAGCAATGGGACCA
AGCCGTCCGCAATATCTGGCGGGTCCTCAAGCCGGGCGGCCAGGTCCTGTTCCGCGACTA
CGGACGCGGCGATCTAGCTCAGGTCCGCTTCAAAAAAGGCCGGTACATGGAAGAAAACTT
CTACGTCCGCGGCGACGGCACGCGAGTCTACTTCTTCGAGCAGTCTGAGCTCGAGGACAT
TTGGGGTGGAGCAGCCAGGAAACGCGATACGACGGTTGGCAATGTGGCGGATACAACAAT
ATCCCAGACAGAGGCTGAAGGCGTCATCGCGGATAAGATTGAGAGTCTGTCGCTTCATGA
TCCGGATTCGCAGACGAGAGAGCAGAGTCATGATGACGTTAATGATCCCGAGACCCCCAG
ACCGGGTTTTGAGGTTGCGCACATTGGCGTTGATAGACGTATGCTGGTGAATAGGCAGAG
GAGGTTGAAAATGTATAGGTGTTGGATGCAGGCTGTGTTTCGCAAGGCGGGCATGGAGAG
TGAGGTGCCGACAAGTACGTTGAGGCAGGATAAGGAGGAGGAAGAGGGTGGGGACGGTGT
AGCGGATGAACAAGGAGAGAGCCAGGCGAGCAAAGAGGATGCCGTGGAAGGAGGGGGCGT
CAAGGTCTGAGGACCTGTGTCTTGAAGCCTGGAATACAAGGATCTGCATGGATGGGATGA
AGATGAATGATACCATAACCTCTGAGACATAAAAAGATGCAAAAGCACAAAAGTTCGGTC
TTTAACCCATTGATGAATCTTGGGAATCACTGTCATATGAAAGTGCATCGTGTTGAAATC
GTACTGCATTTCTGGTGTACAGCTGTTATGCCCCTGAATGAAGCCGGCTATGCTACGCTA
AAAGACTATTGCTCATAACACAAGCGATGATGCAGGTGCAAAAACTTTGGCGCCACGCTT

CGCAAAACAAGTAGACAAACACAGAGCCTCAATCGAGGATGTCACAATATGATCCGTAAT
CAAGCCCCATTCCATGCGACCGGATCCAAAAGCACAACAACAGCGTCTTTTCAGTTTCCC
TCCAGGATACCCTTGAGGATGCCAGCTCCAGGCCCCACGAGTGAATCCGCCAACTCCTTC
TCTCCAACAACGCTAGCAACCCTGCGATCCTCAACAACAACCCCAGGAAAAGCTTTACCC
CTCCCCCTGCGACTAGGCGTGCCAGCGCCAACATCCAGCGACCCAGCTTTACCCTCCACT
GCAGAAACAAGCGACAGTGTCTCCAAACTGCCTACGATATCCCTGAACTCAGTGCTCGTA
AGAGGATGTAGAATGTTCTCTCGCTTACACAGCGCGGTGTAGGCTTCAAAAAGTTCTTTG
ATGGTAGGAGATGTAGTGTGGGATCTTGACGGTGTGGCTAGAATGCTGTCGGCAGCGGTG
GCACGCTTCCTTTTTTCAATGGCGGAGAGCGAGCAGAGGACGGCTTTTTGTTGGAGGTTC
AGGTTTCGCAGACGTTGACTTGTGCCGTTGCTGAATACTGCTGCTGTGATCTTGGCCATG
TGGGCAATGGTGGCGCGGGGTGCGGTTTCGACAGTGAGGGAGCCCAGGGAGGCAGCGATG
ATGCTGTTCAGGTCTTTGGTTTTGGTGGGTGAGCGCACGGCTGAGCAGGAGAGGTTGACT
TTTTCAACTAGAGGGGTTTTCGAGGGCGAGGGCGTGGGTGATGGTGTGATTTCTGTGGCT
TTTTTCAAGTGTTGGTCGCGCGTGTCGGCTTCGATGAGGTCGATTGCCCGCCGGCAGATG
TCGAAGGCTTTGCGTAGGTCGCCGGACTGGGCGGCTACTTTCTTGGAGAGGAATATGATG
GCGGTTGGGTGGATGAATGGTAGTTGGGTTGAGCCTGGTGGGAGAAGGGCCTTTAGTTTT
GAGGTGATGACAGAGGATATTTGTGTGGCGTTGTATGGGAGGAACGGCAGTAGTTGCGGC
TTGAGACCGCGAGCCTTGAGTCGCGGGAGGAATCGATCTGTGAGATCCAGCGCGTTCGCA
ATGCCAACTAGCACAAGGCCTGATTCTTTCTGTAACGACCACTCAAAGATGTTGTAGAAG
AGCTCAATGTCCAAGTCCAGCAGGTGGTCCACTTCATCGAGCGTAACGACGTAAGATGTC
TTCCGTTGCATGAAAACAGTCCTAAGCGCATCCATCTCGTCGCCCTCTGCGATCTCAGTG
ATGTCGACGAACTCCTCTAAAAGGGTTCTGTAGAGATCTGTGGCGTTCTTGACGCTCATA
CAATTGATGTATCCGGTCCTAACGGCTTCATCCGATGAGACTGTACGACAGACGTCGTTG
ACGAAAGCGCTCTTGCCGGTGCCTGGCGGACCGGAGACGTATATGCAGCCCGATGTCTTC
GTCTTAGTTCGTGTTGTGATGAACGTGTCGAGTTCCTTCCTTTCATTTTCGCGACCAAAC
AATGCAGTTGGGGCAGAGCCTCTTGCAAATACCTGACGCGCTTCATTGTAGATTGTCGGC
CCTGTGTTTCGTGGAGTGCCTGGGGTGTGTGGTGTGCGCGGTGTCAAAGGTCGACCGGCA
ATGATGAGTCGGTGCCTGGGTGTGACGGCAACTTTGCCGGCAAGCGCGTCGCGATGTCTC
GGTGTCGAAGGAGTAGGCGCAAAGTTTTCTGGGATGTCCACGAGCGCCTTCTGCGGGGAG
TTCTCCTTGGCTGCGGAAACGGGGAGTCGTGTGCATTGCGAGGCATACTTTGCGGGAGTT
GTGCCTGTCTTCCTTCCGCGTTTTATCGACGCCTTCTCCTCGGGCTCATCCACGTCCATT
GCATCCTCGTCGCGCACATTTTGCTTCTTTGGAGTGACGAAGGGATTCTCAATCTCCCCT
TCGTCGTGTATAACGAACTGAGTCCTCCGCTTTGTGCGCGTTGCGATGTTTAATTTTGAC
TCTGTAGAGCGCGTTAGGGACGTGTTGTCCAAGGAACCGCGACCAGAGCCGCCGTGGCTC
GTACCTGAAGCTTCTATACGTGCAGAGCTGCGAGTCCTCTTGCCGAGAACGGTAGAGGCC
ATCTTGGGTATGCTGTGGGAAGGTGCGAGGGGTGCGTTGCAATTGCCGACAGTGTGAGAG
CGTCAATCATGGAAGGAACTGAGCGGCACACGAAGCACGCGCGACGCGTAAAGTGGTGGT
CGGTGCGCGTCCCGCCCCAAAAGTCTTCTAACCCATCTTGTCACGCGCCTTTCTCCGCCT
CCCACATATCTTACGAACATGGCCCAGCATCACTCAGTCAGCGGTGAATATGTCACGCGA
ACCTCGGGCTTGTCGAGCTGTTTGCTGCGAAACCCCTGCGCCTCGTAACAACTCTCCAAC
GAGATCATGTCCCTCTCCAACGCCTGGTCCACATCTACTGATCCTGGACTGACGTGCAGA
GCATGACTACTGTCTCACCACTGCCACTTCGTTTGCGTGGTACAATTGGGCTGCCTTTTC
GTTCTGCCGATTCTTGTGGTGGTGCAAGAAGCAGGGCTGGTATTAAGTGTGTGACGTGAG
CAAGCACAATGACCAGCAGTATAAGGACCTTCGCACACAGTAGCCATATCATAGTCAACT
CTTCTACTTCACCGCTATCTTCGCACTGCTTTTTCATTATTTCACAGCGTGGTGTGTTGG
GCATCATCAACAAAGAGAACACGAAATGCCATATCAGACATACCCGTGGTGGTCGAATGG
CTTTGACTTCTTAGATTCACATGCGCGCTGTACCAATCCTCGATCGTCTCGAAGGCTGCG
AGCTCCATGGTGGGCGTTCTCAGAGCTCGCAGCAGGTCCATGCTGCGAGTTTTGTGTTAC
TCATGACAACATTGTACGCTACATGCTACCCGCTTAGCCTTTTCTGATTACGCCCGCCTA
ACAATGTGTAGCCGAGTCTGGAAGAGGGCCTCTTTGAGCTGAGAATGGTAGCATCACCAT
ATTTCGACCACGTCCTGGAGGCATACAAATGTATCCATCGCTACTACAAGCACGGTTTCG
ATCAAGATGGCCCGGAGTCTTATTATGTGTCGCGTGAGATAGAGAGGCTATCAAAGTTGT
TACGCAAATTGTACTTTGCAACAGGTATGCATGAGTTGGCTTCATGGTCGGACCAGTTGA
AGTACATGGGAAGGGATACACAAATGAGTTCCAGACGTTTTCGATCCAGCGCAATGTCTA
AGCATCGGAACAATCGTGGATCGTTGATGCCGCTGATTATGTTCTAGACATAGATGCTTG
GACTGCTGGTGTTGAACTCAACTTGCGCTCATATCGAATGGCTTGGATCACGCTCTAGAG
ATTTGCTGCGGTCGCTATTTGTAGACTGTCATTCGATGTACGTTAGACATGTCACTGCTG
CTATCTTTCCTGAGTATGCGATCGTTCTTTGAGAAGTCGAGCGGTGTGGCGATCATGACC
TCGAAGTGAAGAACGAAAAATGGCTACTGAACGTGAAACAAGCCGGCTTGTCGTACAAAA
GATTGCACATGACAGCTCTAGCTGTAGTTTTAGGAATGCTCTGGCCATGTATCGAATATC
TCTGGTGTGACGCCGCTTTCCAACTACCGCACCAGAACAACTCATTAACTTCTACCATGA
TTGGGTCTTTCCGCTGGAAAGCGTACGTAATTATTCTAATAGCAATATATTCCCTGTTCA
GCAAGCAGGACTTGTATACTGGGGTACTACGCACGTTGTACATATACGCAGGCGGTGGAC
CCCCAGCGAATGCGTGAGTGGCCATTTGGCAAAAGCATTGCAGGCTAGAGATTGCTCGAA
CACAAGTGCGGCTCCGAGAGATGCAATGAGAAAGTGGCAGCCAAGTAGGACAGGAAGGTC
ATCTACACTAGACGTAAACTGTATTCGCTTAGTAGGAACGTGGAATGAATGTATTGACTA
TCATGACATTCCTGCTTGCAGTGCCGGACATCGGAAGAATACAGGAAACAAGAGAAGCAG
TTTACTTGCGAGCGTCATATGTCTTAGTCCTTCTCTCATGTACAAGCAAGTAGAGCGGTG

AGTTTGTTTGCTCCCTCGCTAATACTGTCTTGCCTCTGTCAATCCTGCGATCCACTTGGA
CGCCACCCTCGTACCGACTGCCACCACGACCAATTCTCTCCGATATTTGTTTATTCAGGT
TGTCGCAAGCCAAGATCAGCACATTACCCCTTGATACACGGTAATGCCGTCTTACGACGC
TACTTGTGAGACAGTGCGCGCTCGGTTCTTCAAGGAAATGGGCGAGGCCACCTACGATGC
AGAGCGCGGCCGGGCGATCCAATCTATGGCCGAAGTAGCTCACCAAGCAGAGTGCATTCG
CTCCGTGCAGCAAGTCGTCCATAGTCTCCCCAATATCTGCCAGACCGACCTAAAGATTGC
GCTGCAGGCTACTAAGATTGAAGAACGCATCCTCATCCTATACGCGGATCCCATCACCAA
CGCTATTGAGATCCAGGTCCTGAAAAAGGCCTGGTCTAGTTGACTACAAGACTATACTTA
GCCGCCCACAGAGCACATGATATCGCTTTCGAAGCTGATGTTCGCAATCCTGCTTATACT
GTCCCTTTGGCCCTAGAAAAGTTTGTAGCAAAGGATGAGAGGGCATACATGGCCATGACA
ACGAGATGAAATTCAGAGATATTCATGGCGATGAAGTTGGAAGCTCAAGCTCCGGAAATT
GCGGTATTGATAGGAAAGGTCCTGGAAGCTCAGATCCAACCTTGAAAGAACAACGACCCT
CAACCTGCGTAGAGGATGTGTGAGCGGTACAAGGATCGCAGTAACAACAGCATCAGGAGC
AGTGACAACGACAAGACGTAGAATGGAAAATGCAAGCGAAAAGCGGGCGACTAGAGAAGG
CAATGATGGGACGTCGCGATTTGGAACTACGTACGTAGATGGCGTGGCGAACGACGAGAC
GGGGGCGATCTTCAGCTGTTGGGGAATGCGTGGAAACGCAGGCTGTTCTATTTGCAGAGT
TCCAGAAGCACGTAGGTAGCATCGGCGACCAAATCTTGGAACCGACAGGTAGCCATGAAA
AGCTTGTTTGCTGGATCACTTTCGCCTGTTATTGTTTCTTGCGGGGTGCATTGCCGTACC
AAGCTTTCGGAAGGGATGCCCCCGCCCCTGAGTCGCCAACCGTGCGTGACACTTCAATCA
TGATACAACCACACTTTCTTGCTAACCTAAGACATTCTTTTGTCGATGCAGTGCAGTCAC
TTGTACTTTTTTGCCTCGAAATCTGTGAGAGCGGCCGTATTATGTAACGAAGGCGCTTGG
ATGCACGTCGCTGGGGTGTGGAGCTGAATTCCCCTCGCACATATGCAGAAGAGAACCGTG
CCGCCGATCATGTCCTTCCTAGCGCACGGCGTGCATCAAAGCAACACCGCGATATTGTTT
TTTCAGCCTGCTCAACAGAACCGATGTCTGAGGCATAGCTCCTCATCGCTAAGGACGCGA
GCCAGCTATGGTGTGATGACTGCACAAACGCCCTTAGGGGTATTGTGCTACCGTATAGGC
ATGGGCCAACAGACGGGCATATAATCCGCAGAGACCTGCATTTCGGAATCTGCACGCTCG
TTTACTTTCGTTCCGAGTCAACATGAAGTGGACATCGTCTCTAACGTTTGGTGCTGCCGT
CTTGGCCTCTCTCGCGACGGCACAAGATACGCCGACAAACGATCGCCAACCCACAGTGAG
CGCGCCGTACGAGAACCCATGGAAGGCATTGTCCGAAGAAGAAGCTGCTAGTGTCAATGA
GCTTCTACAGGAGAGAATGAGCTTGACAGGCAACACAGGATCCAGCCGAGATAACTTTGT
GTGAGTCTGGCAATCCAAAACATCACTGTGCCTACTAACACCATCTCAGCGTACAGCTTT
CCCTTCTTCATCCCAACAAGACGGACACTCTACCCTTTCTCGACAACAATGCCACCGCAC
CAAGGCGTTATGCGCGAGCAACTATTCAAAGCGGTACCACCAACTCGACGGAGAAATACT
GGCAAGAGTATTTGGTAGGGCCGCTACCAGCAACAAACGCCACTGCGGTTGAACCGTTGA
CATTTCCTTTCCAAAACTCTCAACCGGGACGAACTCCCATGCATCCTTTGTACTCACCTA
ATGAAGCATCAAGTTTCTTCACGAGGTTCTCGACAGAGGTCGAGGATATCTCAATGCAAC
TGTTCAACACTGTAAGTTAGAAGACATACGCACTAGGTAACAGCAAAAGCTTACATGTCT
AGACTTTCTTTACTGGTAGCATTGGTCTCCGGCTCGGTAGTCCCTTCTGGGATGAAGAAG
GCCGAATAATTTCCTGGGCGGCGGCCTTTGCGGATCCAGGTACCAAACTTAGCAGTGTTA
CAGTGGAGCCGCTCGGTTTTGCTGTAAAGTTTGATTTGACTGGACAAAATTCGGACAATT
GGAAAGCTGTTGGCTGGTACTCGAAAGGAGAGTTTTATGCCAGTACTGACGACTTCCGTG
CCGCAATCAACCAGCCCGACTACCAGAAACCACCACCGAATGTACTGGGTAACTGGACGT
CCACTGACAGGCAGGGAACGCCCATGCCCTTGGACCATCTACCACCGCCAGCGTCTATCG
CCCAAGGAGACCAGCGATTCAAGATTGATGCTGAAGAGGGATATATATCTTGGATGGACT
TTACGTTTTACCATGCTGTCTCCCAGGATCTTGGCCTTTCGCTGTTCGACATCAAATACA
AAGGCCGACGTATCATTTACGAGTTGTCTTTGCAAGAAGCTCTGACGTCCTACTCCGGAA
CCGATCCTTTCCAATCGCAAGCAACATTCTTCGACACTACAAGTGGTATGGGCTCGACAC
TACAACCTCTTGTCAAGGGTTACGACTGCCCTAGTCATGCGACATATCTCCCTGCGACAT
GGACCGAAGGCGATACACTCAAGACCCAAGCGGATGCTATATGCATATTTGAGTTTGATG
CTGGCTACCCGATCCGCCGCCACTCTTTCTCACCATCCGCACCACACACCAGTGTAGCAA
AGAATATCCAATTTGTCATGCGTACCGTAGCCACAGTAGGCAACTACGACTTCATGATCG
ACTACAGCTTCTTCTACGACGGAGGCATCGAAGTATCCTCTCGATTTTCTGGATATATTG
CCGCTGCCTATTGGGATGGCCAACCGGAGTACGGCTTCCACATCCATGACTTTCTCTCAG
GTAGCTCACACGACCACACCCTCACATTCAAGGTGGACTTGGATATCAACGGAAGGAAGA
ACAGTGTGCAGAAACTGCAATTTGTGCCAACTTCCACGACATATCCCTGGAGTCAAGGTC
GAGTATACAACACTTTTAAAGCCGAGCGATCATGGGTAGCCAACGAGAGCGAATCCAAGA
TCAATTGGGCGGAGAACGATAACACATTGTACGCCATTGTGAACAGGGATACACCGAACC
CATACGGCGAATACCCGGGTTACAGAATCAAGAGAGCTGCCGGTACAATCCATCTCACAC
AAACAAACTCGACAAACACTGGCAAGACGGGTGCCTTTGTGACGCACGACTTTTACGTTA
CTCAGCAAAAGGAGACGGAGCCGAGGGCTGCGGATGCCAACAACCAGTTTAACAAGGATG
ATCCCTTGGTAGATTTTGCATCCTTCTTCGATGAGGAGACTTTGGAGCAGGAAGACTTGT
TCGTAATCCCATTCCTTATCAGTATCGCGGCTGATGATATATAACACCTTACTAACAAGA
CACAGAGTACTCTGGTTCAACCTTGGCATGCACCACCTCCCGCATACTGGCGATTTGCCA
AACACAATGTTTAGCTCTGCGCATTCTGCCATGCGATTCGAGCCACTTAACTACCTCGTC
GGCGATCCATCTGTCTCGAGTAACCAGCAAGTCAGGATCGAATACGACGACCAAGGTGCT
GTTACGAGCGTGGATGAGTTTGGCAAAATGTCTGCCAATACGACTTGCGCTTGATCTGCT
TCGAGGTGGAGAACTGCATGCTATCAGGCTTGCACTACTTTGTTGTTTCTGAACTGTCCA
TAATCATTTTCTTTTCTCAAATGCTATTACTATACTTTCTTTCTTGTCTATCCAACCTTT

TGCTCTCCAAATGATGTGCATAGTCCCGCATGGTTAGCTTGTTCGATTTTCTAGCATTGA
TCCTATATCTAGTCATGTACGCATCGCTTCGCCTAACAGGGATTGTGCCCCTCCTCAGAA
ACGCCTCTTCGTATACGCACATGCAGTAAAAACCTGTTGCGGATGAATCAAGTTGTGGCG
TAGCTGTGCTGCATCACGCAAGGTCCAGGCCCTGGCTTTACAACCTTTCGTCCTCAACAT
TGAGTAGGTCTCGTTTCCAACAGGCACTACGCCAAATGCTGGCAATGGCTTCAGGTGTAC
TAAATCACATGCGGTTCTACGCCTCTGATTGCCAAGGAGGTGAACACGTAACACGCATGC
AGCGTATGGGTCATGACGAGGTCTATCCCGCACTAACGATGTGTTCAGGTATCGTGCGCA
CTCCTACCGGGATGGTCGCCAGCTATTCCTACTTTAGATCGATGCCGAAGATATACAGAA
TAGAAGTAGAAAAATGAGACATAATTCCAACTGTCTGTATTGATGTCTTTAAACAAAAAA
GAAACTTCAGGTTTTTCATCTAGTCGCGATCTTTTTGATGCTGCATCATTTGAAACAGAC
GAAAAACCGAAACGCAATCTTTCTCCTTGCATAATGTAGCGCAAAGCGTCGTTTTGGGTA
CGATGAGCGCGCAGCGAAAAGAACTTTACGGATCCTGTCTTCTTATCAGCCACCATGGGT
GAGATCGGGTAGAGCATTGTTCCTCTATACTCAAACTCATTTTATTTCACGAGGTTGTCC
AAGTACCCCATAGACAAACAAAATAATGTGACATTTAACGGAACTGCTACAAAAGGCTTC
ATAGAAAGACTTTCACTCATTACCATCCAGCTATTGGTATCAACGTGTTTTGCGTATATT
AGCCTATATTGGCAGCCAACACCGTCGTTCTCGCCAGCCTGATCATGCGCTGTGCTTCTT
CTTCTTCTTCTTCTTCTTCTTCCTCCATAGTACAGTACACCCCGGTAATGTCTCCCT
TTCTGTGACGTGGGATCATGAAGCCGCAACCAACGGCTTCACGTGTTGCTTCCAGACATC
TAGAAATGCCCTTCTATCCTTCTTGCTTTGAAACTTGATGTCCAATTCCGAATACCCAAA
CCGATTTAAGTTGCCCGCTCTCGAAAATCCACTGCCATTTCCAAATATGCTCCTCGGCGA
CTGGAGCGAGCCGTTCAGTGACCCTGAGGCCCTACTTTCTGATCGCGCCAATTCTGGCAT
CTCCATAGAGTCGTTTCGTTTCCTTTCGAAGAGAGAAGAGTTCACAGGCTCGGACTCGGA
CCGGGTCGATGATTTGCGGCGTTTGAGCAGCTTATCGGTCGCCCAACGCGATGGGTCTTT
TGAAAAGACAAGAGTAAGCTTGTCGCTTTCTTTCTTGTAGATAGAATCTGCAAGCCACTC
GAACGCGTAATGTGGCTCCTCGACCCAGTGACCTTTCTCTTCTTCTAACGCGCTTGTGTA
GAATAGCAAAACCAGAACCTCGGATGTGATGAGCTCGCCATCTACCAGCTGCGTCTCAAC
GCGCCGCCATAATCGCAGATTCTTGTTACGACATTCAGTTGGATTTTTGTTTGACGATAT
AGCCAGGATAGGTCGATCGAATTTAAGTTCGGCAGGATCGACGCCGTTGTTGGTGTATAA
TAAGGTTTGGAACTTGTCCGCTGATTCGTGACCAACAAATGTGTATTTAATGTCAATGTA
CTGTTTGTATAGTCTTCCGAACGAACCACGTGGAAAATCAATAGACACTGCACCGTCAGC
GTATGTGGTAGTCAATGGTATCGATGGACCGGTGGCAGGGAAATGCTGTTCAGTCCAAGT
GCGTAGTTTTCCATCTTGGCTAGAGTAATATACTGCTCGCAGCGAGATGCCAGTATCTTC
TCGATATCGCCACCGAACGTCGCATTCACGGTTCTCGGGCCCGTACTTTAAAGACTTTCG
TTCAACCTGCACATTGCGACAGACGCGCTTCCAATCGAGTGCAGCGTCACCTAATGCCAT
GGTGGCCAGCGATGTGCGCGAAAGACTGCGTTGCAGCGTGGGAGATAGCGACTTTTCTGG
GGTAGTACCTGCTGAATAGCATTCGCTACTTCTTGTTGTAGACATAGAGGCAGTTCGGCC
CGAACAAAGAGACTTTGATGTTGGCGACTGTGTCCAGTTGAACGAGCCAAAATAATCTGG
GGATGATGGTCGTATGCTCAAGCTGGGACGGATGGTGGCTGTCGAGTCACTCATCAGTTC
TTGGCCAGACTCCGTAAAGTCACCAGAATGGTCTGTCTTGAGGGTATACACTCGCGGTGG
TGCTGGTGGCATATCGCGGACCTCCTGCTTCATCGTATCGCTCGGGACCAGGTGTGTTCG
TTTCTCGGCAGTAGCCCGCTTCGCGCGATTTTCTTCAATGAGTATCGCATCGTCAACCTG
TCGCCTAAGTTGATACAGTACTGCAGCGGTTTGAACATCGCCACTCGGTACAGAAGCGGG
TATGTCGCCTAGCGATAGGGGCCGTGACGATCCCGCTTCTTGAGCTATGCGTTCATCCTC
GCTTTGTAGCCATCTATCAAAAATCTTCCATTCGCTGAACAATGGGTGTTCGTCAGGAGG
CGCAAGCGCTAATGGCGTATGGTTGCTGGAAATTCCAAGACTGTGAGTGGAGTATGAGCG
GCGACCCATGTTTACTGTACGAGATGGCGCGGCATCGAGAAGGCGCTGAGTTTGCTTTGT
TGCTTCGAGATGAAGCCGTCTAGTGGCGGTCAGCGACTAAATCCTAAGCGCTGAGTGCGC
ATGACGCTTACAACTGGAGAAATGAGATGCACATGTTGAGAGCTTGATAGTGACCGCTGA
TCTGTTTTCTCAGTCCATCGATTTCTTTTTCCATCCCTATATAGCGGATAGTGAAGATGA
ACTTCTTAACAGACATCTTCCTATCGACGAGATGATCAGCGTATGGTTCCAGGGTCTTTT
CACACTTCTTCAGCGTGTCTTCGAAATCTTTGACGGGAAATGGCATTGTTTGGCCATATT
GTTTCATCAATTCGCCTAGCTGTTTGAGACAAGTATGGAAGGTGGTGAACTCTTTCACAA
GCCCACTAACTTGAGCTTCTGAGTTCTCATTCGCATCTGAATGTAGGGATTAGCAAGCTG
ATCCCTGGAAGATACTGATGCAGGGTGGTAGCTGAACATACCTTTGAAAGCAAGGTATAC
ACGAGTCGAGATCTCCAACAGCTTCAACACATCGGATGGACTACATCCAAAAGACATTTC
GGTTCGCTTGCGCCGCGCTCAAGCGCAACACAGGATGTTTAGTGACTGACCATGCGTTGT
GGAACTGCTAGTACACAGTGGAGGCAACAGTCAAGAGAAGTTCAAGCCTCTGAGAGACGC
AAACGGGGTTGTAGAAGAATCTTCCAAGCTTACATCCAGCTTCCCGACATGTGCATAACT
TGGCTAACCCAAAGGCAGACCGCTGCGACATCTGGAGTGGCTTAGCATATTATCTGACAT
GCTACTAGAGCCCAGGCACGCGCATTTCTCAAGCCTTCCAACGTCGGAAGCACTACTTGC
AGCCGTGATCTTATTCAAGAGCGGCATACAGCTCGTATTCGTGCATGTGGCGGTATCAGG
ATGGTTCACCGAAACCGGTATGGCGGCTTTTGACGTTCAATGAGGATGCGAAGATCACCA
CGTGGGGAGGCGAACGGCCATCGTCAACTACCAGATACCCAGATTAGCCAACCATCATCA
TCCAGGACCGCGCGGCTTCCACTCAAAATATTGAAGGCAATATCATGATTCCATCTTACA
GACATTCTGACAAGTCCAAAGTCCACACTGTCCACCGCAACTGTGTTCATTCTTGCGCTG
GCACCCGCCCTAGACATGACGAGTCGCAGATGACATCCTCAGTTAGCCATCAATGGTAAT
CTCAGATGACCTGTAAGGTTGACATGTCAGGGCTATGCTGCGGTTTTTCTGCAGCAACAA
ACGCCACCAAGTCTGACTTCGGCGAAGAGAACAAGATTGGACACGATGAGGAAGAACCCA

TGAGTAGCGCCAATTCCAATGCACCCCCTTTTGTTGACCGGTTTATTGTGTCGCCTCGGG
CTGTGCATGAGTTTCTAAGAGTGGCTTCGGTGATGCGCATCGTAGTGGAGGCTGAAGCTT
CGTACGCCCTCAATATGAACTGCGCTGCCCCGAGAGGATTGTGTACAACAAACGACGCAA
CACAAAGAGATTTTGCCAAAGCATACGCGTTGGGGTGCGACTACCTGTTGTAAAAGAGGT
TCATCATTAACGCGACGATGGGTCTTCGGAACTGGATCACACGACCAATCAAGGGCCACC
ATATCGGGATAGAGGACTTGACCGCAGGCGGGAGCGGCATTCCTGTGGGTTATTCCTGTT
CACACGCAATGAGTTCACTGCTTGTAGGTGTCTTGCTGATCTTAGTGACAGGAGATAAGG
CGTCGGCGATGGACGCTCGCAACAATCGATTCAGCACCCTTCCAGGTCTGGGTAGTGGTA
GTCGCTGGCATCGGCTTCCTAACAGATGCGTTCGGACTCTTCGCCTTGAATGTCGTTACT
CCTATGTTAGGTTACGTCTACTGGCCTAACCACGACGAAGGTGGTATACCCTCGGTGCCG
TCCTCGGTCAAGACGGCCATGATGTGTTCAACACTTGCGGGTACAATGGTAGGTCAGATA
GGATTCGGCTTCGCAGCAGATCTTCTGGGCCGACGCAAGATGTATGGGCTCGAGTTGGTA
ATCATTATCGTCGGTACAATGTTGCTACTCATGAGTTCGAACGGAGAAAAGAATAGCATG
GCGATTGGAGGGTGGCTAATCACCTGGCGAGCGATTATGGGTAAGAAAGAGTGACCTGGC
TCATGGATTCTTGATAGTACTGACATTACGGAGGCATTGGTATCGGGGCTGACTACCCTT
TGAGTGCTGTATGTATCGATATCGAGCGTGCTCGTCGCTTTACTGATCGTGAAATAGGTT
ATCACTGCGGAGTTCGCTCCTCGCAAGCACCGTGCGCGCATGCTGAGCTGGGTTTTCTTT
GCTCAACCTGTTGGACAACTACTCGCCAATGTCCTGTCGCTTGCTGCAGTAGAAGCGTAC
AAGCCCTGGATCAAGAATAATGTAGGATCTTGTCAACCTACCGACCTGGAGTGTTTTCGA
GCTATCGATCGGCTGTGGAGACTTGTCATCGGCATTGGCGTTGTGCCGGCTCTCATTGCT
CTCGTATTTCGATTTACAATCCCAGAGAGCCCGAGGTACACACTGGACATCTTGCAAAAC
ACGAAAGGTACTCTCGAGGACACCGCGAACTTTTTCGGCGCGCCCGAAGCGAACCCTGAA
CATGGCGAGGTCGAATTATTGAATGTGCCTGCTTCATCGGAGAGCCGAAGGCCTGCTTCG
AGGCATTCAACTACTTCTTCAGTGATTGCACCTGACGAGGAGGTTGAGAGCGACAGTGAA
TCCGAGCACCGACTCAGTAACGTGCATCTTCGTACCACTGCAGCACCGCAGGTCCAGCTT
TCTCCAGGAGATCCAGAGTTTTCCCCTCCACTCGCCTCATGGACCGATGCAAAACAGTTT
TTTATTGTCGAGAAGAATTGGCAGTACCTACTGGGAACCTCGTTGGCTTGGCTGTTTCTC
GATTTCGCATGTGAGTAGACCACTAAGCCGCTGCGACAGACTTACTGACTTTGAGGCAGT
CTATGGGCTGGGTCTATCCTCACCAGAGATTGTCAGACACATCTGGCCGGGTGGTATCAA
AAATGAGTCATCTGTGTACCAGACACTGAGCGATAACAGCAAATATACCCTGGTTATGGT
TTCCACAGGGACAGTTGTGGGTGGTCTGCTGATGATCAAGATCGTCAAGTATGTGTCACC
GAAAGTGATCCAGTTCTGGGGGTTCCTGGTTCTGTTCGTACTCTTCATCGTAACCGGGAG
CGCTTGGACGAACTTGCTCGACAGCAGTCGATCAGGACTGATGGTACTGTATGTGATCAG
TCACATCGCCTTCAACCTAGGGCCGAATGTGACGACATTCATCATTCCTGCTGAGATCTT
TCCGACAAGATATCGGTGTACCTGCCACGGGATAGCTGCTGCTAGTGGAAAACTCGGGTC
TTGGGTAGTGCAGATCTTTCTGGCGTATGCTTTCCAATCCGACAAGTCTAAAAACCAGGA
CGATTTCAGATGGGAACGACAGAACTTCGGGCACATCTTACAAGTCATGAGCGCGTTCAT
GGTAGCGGGTGCTGTGACGACATATTTCTTGGTCCCGGAGACGAGGGATCACGATAATAA
GAGTCGAACACTGGAGATTCTGGCATGCGGCAAAAAGGTCATTGATGAGCTGAACCGTCA
ACGGAAGAAGGAAGATGAGGAGGACTAAGCCTTTAGTGCGTTCGGTAACGCGAAAGTATT
TTGAATCAGTCCAGGGCCTGGTAACCTTAGTGCAAATGTGATGATGCCATGGCGGGCGTG
TTCGTGGGTTCATGTTGGGCTTTCGCAATCAGTTGTCCAGCCACCTAGATATGACGCACC
ACTCTTAGACACTAGTCCCACTCGGTACTAGACGAAACCCCTCCTCCAAGGTGCCGCCCT
CCATTTCCGAACTCCTACAGTTTCGAAGTCTTGAGAAATCCAGGGCTATGACTTGCAACT
CCCTCGACCAGTAATACGAGACAAATTGATAAAGACCGGTCAACACCCCTCAAATGTACT
CAATTATGAGAACAGGATGAGCGGAATTACCTGTAGATCAGAAAGAAATGCATAAGGTGT
GAGTAGTATGGAGTAATAAATATTTGTTGAACATCCTTGGTGATTGAGAATTGCCTACTT
TTGCTTCACAGCTTCATCAACCCTCTTTCCTTTCTACTGCCAGATCAATGTAATCTTCTT
CCACCACGGCCCTTTCACTGTTCTTGCTGGTACTTCCTCAGCGAGAACCTGATCCAAGCC
TGTCTTCATGTCCACCTCCGCTGGATCATAAGCCCAGGTATCGCTCCAGGCCCAGATCCG
GTGTCCTCCATAGAATAAAAAGAACATGGGAATACCAACGTATGCAGTGAAGAAAGAGCT
GACGTCCCACTTCTCAGGCCAGAAGACATCAAATCCATTGATCAAACACAGGAAGGTGAA
GCTAACGATAACGCACCAAGCTCCCCACTTGTTGACTGGTGAACGATATGGCAGGTCGGT
GATATTTTGCGCTTCACAAGCTTTCCGGAAACGCAAAAAGATGATGCCGCAGCAGATCCA
CGAGATGAAGCCAGACGTGTTTGTCAAGTTGACGAACCAGTTAAAGACGACGGCGCTCTC
GCTGCCTACGTTCAGGTATGCTAGGGCACAGAAGAGTGAAGACGCTGTAACAGCCCAGTA
TGGCACACCAGACTTAGTGCATGATTTGAAGATGGAGGGCGCGTTACCAGAAAGCGCAAG
CGCATATAGGGAGCGCGAGGAGAGGAAGAGGAAGGAGTTTCCTGATGACCAAGCACTTAT
GATGATACCGGCGTTGATAACGCTGTCGAGTACCCTAGATGCGTGTATACGAGGTCAGTG
AACGGCCCACAATCAGTTCGTACAGGGCCACTTACGGAATACCGGCGTTCTTGATGCCTG
CGACGAATGGTGACGAACCGGCACCAGATCCCCCAGAGGTGATAATGGGATCATTTGAGG
GACAGATAACACCGATTGCAAGCACACTGCCGACGTAGAAGAAAAGAAGACGGTAGATAT
ATCGGCGTGCAGCAGTAGGCAGGTTCCGCCGCGGTGACTGCATCTCACCACCTGTTGCTA
CAAGAAGCTCGGGGGCAAATGTAAACGGGAACTAAACAGGGATTAGTGAAGCTGAACTAG
ACCTTGTGGAGCTGTTCACTTACGGCAGAAAGTACCATGGTAGATAGCAGTGCCACAAAC
CGCCCCGCATTACCCTCTTCTAGATATGTATTTGCCGCGCCAGGGTTCTTCCAGTATCTG
AAACCGAGACGGTCGTGCTTGGGACCACCGCCCCAGAATAGGATGAAAGACAAGATAAGC
AGTCCCAAAATCATCACAACCTTTGTTCCAGCGAACCAAAACTCCGTCTCGCCGTAAAAC

TTGACTGGGAAGCAATTTAGCCCGACGATGACAATGATCATTATCGTGATCCACACTGCG
ATGTTCACGGGTGGGTTCCAATACTCAATGACCAATCCAGCCGCTGTAATCTCGTAGGGT
ACCAAGATCCCGAGAGAGTAAAAGTATAACCATCCGAGTCCAAAGCCCATTGAGCGGGAG
ACATAGCGGTATCCGAAGAGGTTCATAGAAGACCCAGGAGTCGGGAGATAGGCGGCGACT
TCGATGATACCTGCAACAGTGCAAAAGATCAAGAAGGACATGGCGATATAGGTGGATAGG
ATAAAGGCTGGACCGCCGCGAGCGAGGGTTTGGCCTGAGCCGACAAAGAGACCAGTGCCT
ATTGTGCCGCCCAAAGCAATCATTTGGGCATGTCTGCTCTATATTAGCCCCCCAACCCAC
ACCACACGGGGAACAGCCAGCAACTTACCTTGACTTCAGACCTCGATGCGTGGTCTCATA
ACGCTCATCAAAGATCTCTCCTGCAATGATGGCCGGATCAACAGCGGAACTCTTTCTACG
ACTTGCCGTGTGCGAGTTTCGCACATTGCCGATGCCATAGTCCACATTCTGTTCTCCGAC
AGTCGACTCCTCGACCTTCTTCTCAGACATGTCTGCGTTGTCAATCACTGCACTAAGGAT
CAGTTTTCGCTGTCGTGGAATGCTCAAAGCACGTCAGGGATCCAACGCGCGGCGACACAG
GGCTTAAGAACTCCGTTTATGTACATGCAGCCGAGATAGGAGCAATCCATGCGGTAGGCT
CAAGCAACCCTTGTCAGCATGCCATGGCCGGTAGTCGTGCAACCCAAGGAAGGCTTGTCC
TCCTAACGTGCGTAGTGTCAACGCGAATGCACCGAAGCCAGGCAAGATGGGCTCCAGCTG
AAACGTCGATATGGTCTTCTCCAGCCGCTCACGTCATGTTGCGAACGGTGGTTCGGCGGA
TTGAGTCGAGACCGGCAAGGGTATGAACGAGGGCTGAAGATAGGCGCCGATAAGCAGGAT
GGCAAGCGATTGCAAGAGCTGATAAGCTTCTTCATTCACACTGTATGGGGAAACTAAGCT
CTTTGGAGAGATTTTCGGGATTACATGTCTATCTGCGGTTGTCTTGCATCCAGCACTGTA
TTGACTGGGCATATGTAGATGTGCTGCGCGGTACTGGAAGACGCGACAATTACGCTTGGA
ACCATGGTGTATGTTTGACAAAGCAATGGCTAGGCGGCTAGTCCCATTTACGTGCACGTA
CGAGTCCGGGATATGAGATACAGAGAATGGTGATACCTGAAAGATGCCCACTCAGACGGC
GTGTTGTTATCGCAATTCTCCGACCAAATCAATCTAAACTCGGTCAGGATTAGCACGCGG
CCTAACTACAACAGGAGGCGGCAGCGCGGACATGCCTTCTCGCGTCAATTTCTCATAAAT
GGTGGAGTTGATAATTACTACTCAGAACGAACTTGAAAGCCTATTATCCTCTTGATCATG
ATTTTGACCGAAGGATCACCAGTCACTAGGCACCATTGGCAACCGGATCGTAGTGTACAA
AACGACATGCTCGAGTAGACCCCACTTAGACATGCCGCATCTTAGACAGCCTCGGGGATG
GGAAACCGCCCCGCCTCAGAGATCTCCGCCCCACGTTCAAAGTGATAGTTCCCTCTCTTG
CCGTCGATCAACACAACCTGTCTCTGTCATCCACCAGGCCACTCTGTTTTGATTCCAGTC
CACCAGATGAGAGTGCGAGCGCAGCGTAGACGTATCTATTCGTAGGATGTGGAGTTATAG
AGGAAAATACCAAGGACTCATGCGCCGGACGTTCTAGATTGAGTTCTTGGGATATGGATG
CCAGTTATTTGCGACGTGGTCTCGAGCTCGGGGTTCGCGTGCCAGGTCAATGAGCACACA
CGACATGACATGGACCCTGTTGAATACAGCTTGAGAGAGGGGAGAGATGATGGATTGCCC
TCTTGTGGTCACGAATACAATTTCCAGAATCCGATGCGACTTAGCGCACCTCGCCCAGCG
TCCAGAATCTTTGCTTTTGCTCTATCGAGCTTAGAAGCAAAGTGCATTAGCGCGCAAATC
TGGCTGACGAGACGGGTATGGAGGAAAGGTAGTGGAGTAGAAGGCGATGGAAGGTGGACG
GAGGGTATGGCAGATTACATCATCTTAGAATGGTCAAGATGGCAAGGTGACGAACGGGCC
GGGATCATCGAAACAGCCTAAGTGAAACCCGTCGTGCAGCCGGCTGACCCCAAACTACCA
TGTGCATCTCACTGTGCTGCTCTTCATGTCCGCTAGTTGCTTCCTGACTTCACCATGCCA
ACTCTTTCTGCGGCCTCTGCACCATGCTTACAGGTACACAGCCCCAGGAGCACACGCTGG
CTTTCAATGGAACGAATTCGCCTCCCCGACTCCAAAACTCAATCCACTCGGCGCGTGCCA
CAATGTACTCCTTGTGACAGGTATGGCACCTGCGGAACAAACCATACCCGTCAGCGGCAT
TCTCCTCTGCTTGCGAGAGGATGGCTTCCACGACGGGGAGGAAATCCGAATCGAGGAACG
CACGGATGGTACCGATGTTCGTAGATCTGAGCCCCCTGTATAAGCTAGCTGTGACGAGGG
AGGACATTTTGCTTGTAGACGGAGGGGTGAACCAAGGTGAAGAAGGAACGCCGTATGTAC
CTTGGTTGGTTTCGACAATGACGGGATATTCTTCTTCGTTGGAACAAGGAAGCCGTGGAG
ATCCTTTGAGGACGTTGCCGCCCTGGTCATAGTAAGACACTAGTGTCCTGGCAATGTACC
GTGGTGCGTGGGCTAGCACTTGGCTATCGTTCATAACATCCAAGGGCAAAGAGGGATGGT
GCGGATAGAAACCAACGTCTTGTTCAACATTGCATTCCCAGGTGTCATCTCCGCCACCGA
AAGAGTTTGTCCAAGACTCGAAATAGCGGATCCGCCAGACTGCTTGGTCGCGGTCTTTGC
AAGTCGCCAGAGTTTGGTACAAGTGCGCAAGTTGACTGCTTGCGTCTTCCCGCACCTCAT
CGAGTGGCAGCGAGTCGGTGTGATGAAGAGACGCTTGCTCTTGCTTCTGGTAGTCGGCGA
CTGAGAATCTATGAGAAGACATGGGCTGAAGTAGATCTTTTCCCATGAAAGTGAGGCGGG
TCATGTTCCCATGTGGAGAGAGAAGGGAGATGACGTCAAAGGGGAGGTACTTTAGCTTGT
TGAGAGACACGTCCAAGGTTTCGAGTTTGGTTAAACGGCTGATTTGTTGCGGAAGCTCTT
CAATCTCATTCTGACGCAGGTAGAGACCAGTGAGATCTGCAAGGTCGAACAGAGATGGAA
CCAGTCGACAGAGCTTGTTCTTACTGAGGTGGATCTGGAGTTTGGGGAGGAGAGATCGGT
ACTGCCCCGCCGTGGGGAGCTCAGTGTCGTGGACGGGCGGGTCGCTGATGACGGTTTTGA
GGTTGCCGATGTGCCTAATGTCGCTGTCCTCGAGGCCCTGGCCATCAAAGTCATAGGATT
CCTGGTTCCGCGCAATGCCATGGTCCATCTGCTGGACGAAGGCTTGCTCTGCTGTTGGAG
CACTGGTGCTGCCCATGTTCATGTCTTCATCATCAGAGGCATTTGGGTTGGGGGCGCGCT
TGAGCGGCATCTTGCTCCTCATGTTGTAAGGCGATATGTACTGGGGCGGAGGTAGTTCTT
CGGAGCTGTTGGTGGCATCGCTGAGCATGTAGATGCCAGAGTCGAAATTGCGCTCGAATT
TCGTCTTCTTCACCTCTGGGGTCGTGTGGGCAGACTCGCGACTGTCCCACCACGCGCCCT
TGCGTTTGTTCTTGTGGATACGAGGGGATTCGTAGTTGGTCACATCGACGGATTCGCGAG
AGTCATCGCTGGAAAAGACGGGGGGCGGCGAGCTCGACTTGGTGGTGAAGGCAGTATATT
TGCGCTCAAAGAAGGGGTTGGGCGGGAGGTCCATGGTGGTGCACGCGAGCGGTGGTGACG
ACGGGGGCGCCTCGTCGAAATCCATGGCAGAGAAGATTTCTGGAGAGACAATCGAGCAGA

GAAGGCAGGCGGACGGTTGATTATATGGCGTGTCGAACTTGCAGTCGCGCCAGAAAGAAA
TGAGGCGATGGCTGGGAGCTGTGGGGAGAAAGATGCGGCGACGCGTTCCTTGGGCCTCGG
ACGCGCCCCCACCCGGCGAACCAGGGTCTCACTGCCGTCATCACCCACGCACAGACAGCG
TTCCCACGTGCACAGTCGGATGCTCAGGTACCGTCGCATCAAGCATATCAAGTTCATCGT
GTCTACCACTCTATCAGCCAACATCATCTCTACAGCCCCGCCATACGTCTGAGGGCTACA
TTGGAAACCAGCCGCCCCTCCATGCCAATGTCCTTGCCCTCTAACCTTTCGCCCCGGGAC
ATGGCCAGCTCTGTCATGACGGCTCCCATCTCCTTCGTTGGCGTCATCATGGCCTTGTAG
ACTAGATTCATTGGCGCTATCATCGCCTTCTTCCACGCAGCCTGCGGCGGTATGAACGGA
TGGATCGCCGTATGCTTTGTCCAGTCCACCCCCCCTGGCCTGACGTTGTACACCCTGAAC
ATGGGCTTCGATTTGCCCAAGTCGAGAAGCTCCGACTCGACCTGTCCTTTGACTCGTCCG
TATAGCGGTGTGAAGGTGCCTGGCGCTTGCGTAGCGCCCTCGCCCGAGACATGGACAAAC
GTAAAGGGTGAGTCTGGGTGCATGGTAGAGAAGGCGCGCGCAGCAGCCATGGCATAGTCG
TGCGTTATCTCGACATATTGCCTGAGCAAGCATGTTAGCATAAGGCCTCTATAGCAGTTT
ATAGAAAACAGCTCACTCCTTGCTGACAGCATTCTGTGACTCGCCCAAGGCCCACACGCA
ACCCTGTGCATCCTTCAGATCTTCCAGTAAGACTTGGTCGTAGTTGTTGAAGTCTGTATG
AATGATGACTTTCGCCTTGGCATGTCCATCGGCCATCTTGACAGGCCGTCTGCTCAGGAT
CGAGATACGACTAATGCTCTCCTGTGCAAGCATATTGTCGAGGACCGACGTGCCGACCAG
CCCTGTCGCTCCAGTGAGTATGAGATGCATGGCAACTGCGCTTCTTCGTTTGATGTGCTG
TTTAGCTGTCTAATCGTGGTTCCAGAGTCGTCTGTTGTATATGCCTGCGTGCTCAAGCGT
AAGCGCTACCATCATGGTCAGTTGTGATTAACGGGCGTAATGTCCCCCAATAGCAACGGC
GTTAACTCCGTGCAAGATTGACATCTGCGCCACATTTTGCACGAACGCTGTCTGTATGCG
ATCAGTAGACTCGACCGGGCAGCTCTGCGGTGTTAACACAGCTCCGGCGGTCGTCCGGCC
CGTCACGCTGGAAGGCCAACGCGCTTCCAAGGTTGACTAAGCTGGCGGCTTCCAAGCTTC
ACGAAGAGGGCGCCCAAGAACTCCCTCCATTGGAACCCAAACATGCCTTCCTATCGACAT
GGGAATTATACAGTTCACAATCGCTTTTGCAGAGACGCGTAATGACAGGCTATCAGGCTT
CCGCAGCCCCCTGGCGATCAGCCGTGGCGAGCGGGCGGGATTTCGCTTTGCCCGGCTGCG
AGAAAAGCGACCAGGTCCAAAGCAGGATGACTGTCTACCCACAGCCTCTGCCGCCCTAGG
TAACTGTCCTTGCGCTCTCTCCACCCACGTTTTTCTCTGTCACTTCATTCCTTCGAGTCG
CTCTTTTGCTGCTTTTCCTTCGTCTTCGCGCAATCATGGCTGCCGCAGCCACGGCTGCCG
CGGATCCTCGTATCGTGAGACTGATTCTACATTTTCTGTCCGACATGAAGTACAAGGACC
GTAGACAGCAGGGACCCGACCAGCCGGTTGAACTTCTCGAGTTTCGGCCCACGTTGGTAC
CCTCAATCATGGTCAACAAAATCTGGGCAAACGAGGGTACGTCTATCCTGTGGAGACGCT
ACCCGCACCTTCCGGCTCTGCAGGACATGACCTTCGACCGAAGACAATGGTATGCGAACA
AAGTCGAGAGGCTGTTCGTATTGGGACCTACAGACGGTGGCGGAGATCTTGCATACCTCG
AAGGCTTATATTGGCCAAAAATCGAGATACTGGAGCTGGAAATAGACTGGGCGACGCATT
CAAAAGCAATCAACACTATGCTGCACACAGGCCTTACACAACTGGAACTCCTTGGATCGC
AATCTGGTAATTCGCATTACGTCGCTGGCACTGTTCTTTCAGCCTTTTCCGCATGTACCA
ATCTCTCTAGCATTACCTTTGGTCCAGATGTCTTCTGTCCTGAAGATCCTGTGTCTTATC
AAAACCTGGTAGATGTGATCGACTCCGTGCCCAGCATCACGAACGTGCGATTGATGAACG
CTAGCCTTTCCGGCAAGGATATGCTGTTCAGACATTTAAGTAACCGACCAGGCCTGGAAA
CTCTACACATCGACCTCGACCCTGGCCTGCAACTATTGCCATACTTATCGGGTCCCGTTG
CGCTTGTTTCCCCTTTCTCTTCGCTCAGGCAGCTCCACCTCAAGTGCTATCCTGAGTTGG
CCGTTGCACTTCTTCCTCACCTCCCACTTGTAGAACAAGTACAACTAGACATTGCTAGAA
TACCAGAGCGAGCACAGCAGGATTGGGATTTGAATGTTCTTGATCTCATACTAGCTCAGA
TGGCGCAATGCGGTGAACTTCGATCAATGCGAGTCAACGTTGGCGCACTCGCGCAGAACT
TTCCATCGGCCGTATCACATCCACTCCTTCACGGTGAGGCTTTGGTGAACCTTGCCAATG
GCTGTCCCAAATTGGAACATGTCGACCTTCTTGCCTCGGAACCTAGTGCAATAGATGGGT
CTTTGATTTCGAGCCTCCACTTCGAAGCATTTTGTAGGAAGTTGCCGCAACTTTTGAGCC
TCAGCATGAAGCTTCATCCACAAAGTGCAATCGACCTGGAATCTACCGCGCTACCGAGCC
TCGGTAAATACTGTCCCCTGCTTGAAACCTTGCGCATGAAAGTTGCACTCCATCTTCCGG
ATCTACAGACACTACGGGGTCTTCCGCATCCGAAAGCCTTCGAAACCGCGCTTGACGATT
ATTCTCAAATTGAAGATGCACTTCAAGCGCCTTCCATAACACTTGATGGTCACGAAAGAA
GCGCTTCTGTGGATCAAAAGGATCTCTCCGGTAATGGAGCTTCGAATAGTCCGCTCTTCC
AGTTCTTGACGCACGTCGCCTTCGCACGTCCTCAGTCAATCCTATCGATCGTTAGTGATG
CGTACACCGTTTCATCAAATTCCCAATGTAGCTCTGTGGTCGATCCACTCGTTGAAGAAG
AGCTCGTCCGGTTATGGGCACAACCACTTGCAGCGCACTTTCCTCGTCTGGAGATATTGG
AAGCATGGAGTGACTGGACAGGACAGGACAACGAGTCACTGAGCTATTTTCTACCACACG
AGGAGCTACTGGCGAATGTTTGGGATTTTCTGAGTGGAATTGAGCAAGACCTTTGGGAGA
CCGGAGAAGATGCAGAAGAGGAGGTAAACAACGAACCGGATTGGACTGAATACCGCAAGG
AGCGTTTCAGTATGGACAGTTATATCAGTGGCGATTGGGAGTTGGCCAGTCTCGTAAACG
AATTTCCGGTAGAAGAGGACTTCGATGACAGCGCTTATCCGACGGCATACGCCGAAGAGC
CAGAGGGAATGATTACGCCCGGAAGGAATCTAGACGATGATGAGGAAGCCTACTTTGGTC
GTACAAACACGAAGTACATTACTGTTTCTGGCCCGTGAGCATTTGTCAATACATCATATG
CCGCAAAAAATGGAGCAAATATATATTCTGGGCGCAGAACAACATGTTTTTTTACGCACA
AGAGTATGGCTGCCATTCTAGCACTTAACCAATATCGTTAGAGTACACAACTACACAGCA
AACTTACGATCCCATTCTCAAGACATGGCTTCACGCAGCATAAGGAACACGTTTTGGGGC
CAGCACACACGACTTGTAATAGGTTCGATAAAAGTTCCATTTGTCTCAAAACCTCTACCC
TTTTGCTGTTCTCCAATGTATTGCATATGCTATACCGAACGGCTTCCCTTATTACACTGC

CATTCAATGAAATAAGAAATATACATCCCATTGCTTTCCGAAGTCTGTGGCACTCATGAC
CTCCCAAACAATTACTATTTAAAGATCTGTCATTCACCTATGAAGATAGACCAATGAGAG
TATAGCCCTCATTTAGGTACATCAAAGGATCTACTTACAGCTTCAGTCCCCGGCGAAAAT
GCTACTACAGGCGGTGGGGGTGTCTTGGGTAGCTGACGGGGAGCGGAGGCTGGCTCTGGT
AACGGCCGTTGCGTGTAGCTGGGATTTAGGACCTGGAAAGGCGTACCGGGGTATAGATAT
TGATCAGGAGCACTAGGCCCGATATTTACTGGCGAGGGAAATGGTGGGGAACTTCGAGGC
GAAAGAGTGACATCAGGTGCTGCTTTATCCAAGTCAGTATGCATTAGACAGTTTAATGTG
GAATTGTTGGCCCTGACCTTGTGAACAGCCTGAGTCTGGATACTGGCCTTGACCTTGACT
TGGCTGAAAGCCCTGCTGCTGATGGCCTTGATCGCGCTGCTGCCGGCCGCGACCCTGATC
TTGTAGATAGCCTTGCTGCTGATGATCTTGACCTCGACCTGAGGGTATGTCTTGCTGCCG
CTGACCGCGATCTTCTTGCTGCTGACCGCGACCGCGACCGCGAACTTGTTGTGTTGCCTC
ACGTTCTGCTGCGCGACGAGCGATACGCTCTTCGTGGGCACGTTGGTTGGCTCTACCCGA
CTCACTGTTTTGGTGGCGTTGCCTAGGGCCAGGCATTGTAAGTCGGGTGGTCGATATAGT
AAAGATTGAGTAATTGAGCGGTCGAGCGTATAAGTGTAAGAAGTAAGCGAGTAGTAATCA
CAGCTAAGAAGGAAGAGTCTTCGATGAGCGTGGGGTAAGTGAGTGCGTGGTAGTCGTTTG
CTTTGATATGGTCTAAGCGTCTGCATGTTATTAGTACAACAGTAACTGGGGCCCACTCGG
TGACTAACCTTGCCATTGACAATGGTGCTACTGTTGTGACATGTCTACTTAGAAGTGACA
GACAAGCTCACGACACGGGTGCAGTTCGACATAGTAGGGAATGATGGTTAGTGGTTCTGC
AGACTGTTAGCTGACAGACGACTCATGACATTGCGGAAGGGTACTCAACCGACTCGAACG
TGCAAGGAAGTTTAATGACCCAACTCTAAAATCTAAAAGATCAAGTGCCATCCATTCAAG
AGCTGTCATGGCCATCAAACGAACCCCGAGTAGTTAAGAGAACTGACTACTATCGCCAAC
AGTAAGTCAGGAGATGACGGACAAGTCACCATTTCTCGGAAACGCCCTCAAACGACTCGA
CAAGCAAGAAAGTTCAATGGAGCAGCTCTAGGATCTTCCAGAGACCAATTGCCATCGTCA
TCGCTAAGTCAAGAGCCCACTCAGTCAAAGGAACAACCAACTGCCTGGATGCGAGATTCG
CGATAGGGCGGCCCATGCCAACCACCGCCCAACTCCCACCGTCACAGTCAAGTCAAGAGC
CCACTCAATCAAAAGACTGTCCAGTCAAGAGCCCACTCGATCAGAAGATCGTCAAGTCAG
TATGTCATGTAGCAGCGCGTTCGCTGCTACTGTCGTCGATGTCGACATCGATGCTCTCGG
AGCAGGGCATTGTCAAGGCAGGCAGTCGTTGTGCCATGGACGGGAAGGGGAGCCGGCCAA
ACTTTCGATCTGTCAAACGTCAGCGTCAGCGTCGAGCGCCTCTTCTCTCTTCCACTGTCA
CCACCGGTCAGACGCAACACTATCTGTAGTTGTAGAATGTCGTTCGTGTGTTCTAACGCA
GTTGCTTCGCGTCTTTGCTTTCCTTTTGTGTTGGACAACATGTCCTTCTGCTGGCGGGTC
ATGGAGGAATCCGTTTGATGGGCTGAAGCACATTGGCAGGCGAGCCGAAACGACAGAGGA
ACCGTGTGTAAGCATACAAGAGTCACTGGAAAAGACCAGCTGCTGAGAGTACCCTCCTGA
AGAAGCAAGAAGCACACGTGCTGGACAAATCCATCCTTGGACGCACTCCGGAGCTAGTTG
AGCGTCACCCAGCTACCAAGAACAGATATCACTATCCAAAGGATAAGTAGAATCCTCATT
CCTTCAGTCCGTAGAACAAAGACGTTTGTGCTTCTATGTTAGACCCTGTAACGCTACCTG
GGTAGTCGTTGGTTGTGTAATTCGCTACCGACGATACTCCGGGGTATGCCATGTGTTATG
GGTAGTCACTCGCAATATATAGGGCGAAGAAGGGTCTTGTTCGTTACTATGGAGTACGAA
AAGTGCAAGCGCCGACTCGAATGGTGCGCCAAGAGCAAACATGAACTAAACACGCTTCTG
TTAGGTTTCTTCATAATGCTTCTAGACGTCTGTGGTAGAAGAAAGCCATGTCGGCCCGTC
TGATCCCAGCTCATTGGATGATCGCCTTCGCGCTTCGCACAGAAGCTTGGAATCGATGAC
GCGACGGGAATTAGGCCTGCGAGGCGCAGCGATGCAGGGGTGTGCACGCGAGGCTTGTCA
TTTTCTTCGGCATCGCGATCTCTAGGACACCGAAGACGCATTCGATGATGACTAGGACTC
GGCGACTGGGCGTTGTCTGGGCAAATCAGGTCGTTGCCGAGGCATGTTCGCGTAGGCCTG
TAGAAGCGAAGCGGACAGCGCTTCGAGTCAGGCCAGGATCTATGTCGACGCGAAATCGTG
GTCGTGACCATGACGGACGTCGAAATAAAGGTGAGATCTGGCGCTTTCCGTGACAGGCGT
TGCCCCAGCTCTTTGGAGCAGAGTGAGGTAAGCCGGGCCGTTGGCAGGGAGTTTAGGGCT
TTTGAACGCCATGCTGTGTCATTCGTTCCCCTATGCCCCACCGGCACAACATCAATCCGC
CATGCGCCTCGCCAGCGCCCGATGTGGACCATGGCGTGAGGGAATGGACAGGGGATGCGG
TAGTCGAAGACGTCCGACAAGACATCGTCTGCTCGGCGTCGTGCCGTATACGCTGGGTAC
GGATGGAGGACATTGATGAGGTATTTGCCATCCATGGTTCGCTACCTAGGTACTAACCAA
TACCCTCTTTTTACCTGTCTACATCGCTCTTTTGTCTTTTTCTGGTTGCCTTTATCCTCC
CAAAGTAGTTACACTCAGGACATACGACTTGGACGCCACGTGAACGACTCAATCCTAGAC
TTGCACCCTCAGCGCGCCCACCGCGGGCAACGGCCGCGACCATGGCAGGCGCAATCGTGA
GCCAGACATGGATCCTCACCAAGAAGACGCTGCTCGTTGTCTTCGTTCGCCACTGGTTCT
TCACGAGCGTGCGCGCTTTCTGGGCTCCCATCATATTTGTACGTTCACCTACATGTCAAC
GGCGGGGCCATGGCTGACCAGGCGTGTGCAGATGTTCTTCATTACCTACGCAAAGAACTT
CTTCGTCCCACCCTCCGAGTACGGCATCGGCACCCCGTCCCTCATACGCTCCTTCCCCAA
CGCGCTCAGTGCTGCCACGGGCGGTCGCGACAAAGTCGTCTTCGTCGACAACGGATACAC
AGGTGGCGATATCGAACAGGTCATTGCACAACTCTCGACTCAGGTCCGTGATGCCGGCCT
ACAACCCATCACAATCCAGCAAGACGTACAACTCCTCTCCACGTGCGAGAGCTCTTTGCG
CGGTGCCAGTACGTGTTATGGTGCAGTGTCCTTCCATTCCAGTCCGAGCCAAGGCCAAGG
CCAGAGCTGGAACTACACCATCAGATCGGACGGAGCACTGGGAGAGGAGATCTACGTGGA
CCAGGACGACAACGACGTTCAGATCTATATTTTGCCCTTCCAACGCGCCATCGACCAGGC
CATCGCCGCCGTTGACGGCTCGGCGACTGTTCCCGACATTGATGAGTATCCATACACAGA
GCGTACGCAGCAGGAATATGACGATCGCATCAGGACGCTGTACATGGGTGCGCTCATCAA
CATCATGGGCGTCGCTCTGTACATTGGTGTATGCGGTGTGACTTACCAACTAACGGGCCA
AATGGCAGAAGAAAGAGAACGTGGCATATCACAGCTGGTAGAAGCAATGTCTCCCGCCAA

AAAAGCATGGCATACGCAGTTTGCCCGCCTTTTGTCAATGCACATTGCATTTGATATCAT
TTACTTTCCAGGCTGGGTCATCATGGGAGCTATTGTGTGGGCATTGGCTTTCAAAACATC
CAATGCTGCCATATTGGTAATCTTCCATATTCTCGCTGGCCTGTCCTTGACCAGTTTCTC
CATCTTCGGAGCCGCCTTTTTCCGCAAAGCCCAACTATCTGGTATCACCATTGTCATTGT
CCCCATCCTGCTGGCCATTATCGCGCAAGTCGCTGGACCCTTCAGCACGGGTGCTGTATA
TGTCCTGAGCTTGCTGTTTCCATCCATCAACTACGTCTTCTTCATTATTTGCGTTGCCCG
CTTTGAGAGACAGCTTATTGGTATGAACCTTGTAGGAGCCGCACCGGATTATGAAGATCA
TATTTGGACCACCCCCGGCATCGTGTTTTGCATCTTCGCCATCATCCAAACTAGCGTATA
CCCCTTCTTAGGAGCTCTTGTCGAGCGCTGGCTGTATGGTACCGTGTCGGCGGACAGGAA
GACTACGACTTCCTCGCCGGATCACAACATTATTCTGACAAACTTTTCAAAGCATTGGAC
TCCAAGTTGGTTCCGCAGAAATGTTCTCACCAAGTTCGGAGTAAAGGCTCCAGAGACAGT
CATCGCCGTGGATAATTTTAGCATGAAAGCGCGTAAAGGTCAGATCATGGTCCTACTGGG
CGCCAACGGTAGTGGAAAGTCTACCACCCTGGATGCCATCGCTGGTCTCAACTCGATCAC
CAGTGGAGCCATTGAGATTGATGGTACTGGAGGTCTTGGACTGTGCCCACAAAAGAATGT
CATGTGGGATGAGTTAAATGTCTACGAGCATGTCCGCATCTTCAATCAGCTCAAGTCGAC
TGGAACTTATGACACAAAAGAGACCATTGAAGACCTTATCCGCGCTTGTGATTTGGGACA
CAAAATCAAGGCGCAGTCGAGCACGCTCTCTGGTGGCCAGAAACGGAAGCTTCAGCTTGC
TATGATGTTCACTGGAGGGTCAAAGGTCTGCTGTGTTGATGAGGTTTCGTCTGGTTTGGA
TCCACTTTCACGAAGGAAGATCTGGGAAATTCTACTTGCTGAGCGTGGCGACCGCACCTT
TCTGCTTACCACGCATTTCCTTGACGAGGCAGATGTTCTCGCTGACTACGTTGCCATTCT
CTCTCGTGGTGTACTCAAAACCAAGGGTACTTCGGTCCAGCTCAAGCATGAAGTGGGTGC
CGGATATCACGTCACGTATCCTAAGGACGCTCCGATCAAACCTCCAGTAGACGCCATCAA
GAAGCCTGCACCCTCCGAGGGCATGGTTCAGTATCAGTTCGAGAACGCGCTGCCCGCTAC
CAGATTCGTCGATGTTCTTAGAGATTACGGGGTTAAGAATTACGACATCGTTGGCCCGAC
ACTAGAAGATGTCTTCCTTGCCAACGCTGAGGAGGTAAAGGAATACAACCTCATGGATGC
CGATCACGGTGAACAAACTGGAAGAACAGCATCAGACAAAGACCTAGAGGTACCTTCAGA
CCACAATTCTGATACTGACAAGAGATTGGAGATGGGCAAAGGCCGTGGTACTGGTCTGTT
CAAGCAGATGCTCATCCTCGTACAAAAGCGTATGACCATCGTGAAGCGCAACTTCTGGCC
ATACATCTTTGCTCTGCTCCTCCCAATTGTTGCCGCTGGTTTGGTCACTCTCTTCTTGAA
AGATTACGAGGCTGTGGGCTGTGACCCCGGAGCCAGCGCCAATGACCCTACCATCTTCTC
ACTTTCCAACGTGGACGACATCCCTCTCATTCCCATCGGTCCGAGGAGTACCGTTGGCCC
TGCTATTGATACCATAATCCAACGGACAGGCATTCCCGAGGACAGCTTCTACGTCGTGGA
CACACTTGACCAGTTCAATGACTTCGTCAACACACGGTTCCGCAACATTACACCGGGCGG
CTTCTTCTTGAACGAGAATGGTCCGCCAGTCATGGCGTACCTTGCAAATGGCGGTGTCGT
CGGCGGCCTCGTCACATTAAATACCCTTGACAACATCCTAACGAACACCACCATCTCAAC
GCAGTATCAGCAATTCGCTGTGCCGTTCGCTCCTAATATGGGCGACACACTCCAGCTGAT
TCTGTATTTCGGTCTGGCCATGTGCGTCTACCCTGCGCTGTTTGCCTTATACCCCACACA
GGAGCGACTGAGGAACGTGCGAGCGCTGCACTACAGCAACGGTATCCGGGCTGTACCACT
GTGGCTGGCGTATACTGCGTTCGACTTCTTGTTCGTGCTTGTGATCTCTGCTGTCACCAC
AGGTATCTTTGTAGCAGTAAGTTCTTGCTTACGTTTTGTATAAACATTCGCAGCTGACAA
TACCGTAGGCTTCCGACGCATGGTATGCACCAGGCTACCTTTTCGTGGTCTTCTTCCTCT
ATGGTCTTTGTGCAACTCTTTTCGCCTACTTGATATCCATCGTCGTTACATCGCAACTGG
CAGCCTTTGCCTTTGCTGCTGGTGGCATGGTGTCACTTTATCTCATTTACTTTATCGGTT
ACATGGCCATTCTGACTTACGCGCCCGCTTACGCCATCGACTCTTATATTGAGTACTTCC
ACTGGACCGTTTCGCTGATCTCGCCATCAGCAAGCTTGTTAAGGACGCAGTTGCTATCTC
TAAACTCCTTTAGCGTATTGTGTGATGGAAACCAAATTCCAAGTTATCCCGGTGCTTTGA
CTGTGTACGGAGGGCCTATCTTGTACCTCGTCGTGCAAATCATCCTACTCTTCATTGCCC
TCGTATGGTGGGATTCGGGATACCGACCAGCGTTCCTTAACCGCGAGAAGAGTCGTCAGC
AGCATTCGGAGGAGACGGTGGACACCGTCCCTGCTGCTGTCGCTGCTGAAATCACACGCG
CTGAGCAAAGCAAAGACAGTCTGCGCGCACTGCATCTACAGAAGACTTTCGGGTCTAACC
ATGCTGTCAACGACATCACTTTTGGTATCCCACAAGGTCAGGTCTTTGCCCTCCTTGGCC
CTAATGGTGCGGGAAAGTCTTCAACCATTTCACTCATCCGTGGCGACATACACCCTACAA
CACACATCAACGGCGGTGGTGATGTTCTGATCGAAGACATCTCCATCATCAGCAAGCGTG
CAGCGGCACGAGGTCATCTCGGTGTATGTCCGCAATTTGATGCCATGGATTCCATGACGG
TAACCGAGCATCTCTATTTTTACGCTCGCGCTCGCGGCGTGCCCGATCCCAAAGCCAGTG
TCGAGGCAATTCTCCAAGCTACCAGTCTGGGGCGCTTCCACGACCGTCTCGCATCCAAAC
TCTCAGGTGGCAACAAGAGGAAGCTCAGCTTGGGCATCGCCTTGATGGGCAACCCATCGG
TTCTACTGCTGGACGAGCCGTCCTCTGGTATGGATGCAGCTGCCAAAAGAGTCATGTGGC
GTACCTTGCTCGGAGTTGCGGCACCTGGTCGCGCCTTGTTGATAACTACTCACTCCATGG
AAGAAGCAGACAAACTCGCCACCCGCGTTGGTATCATGAAGCGCAAGATGCTTGCCCTGG
GTACTGTCAGTGATCTAGGAGAGCAGTACGGCGACGCTTGGGTCGTACAGCTTGTTCTCA
AATCTGCGCCCGAAACCACGGAAGAAGAGATGGAGACTGTTAAGCAATGGGTCCAGAGGA
AGATTCCTGGTGTTCAACTTGACAAATGGGGTTCGCGAGGTGGAGGCCACGGACAACTCC
GATTCAAAGTTCTCAAAGCCGCCTCTTCCGAATCCACTGCATTGCCCGCACATGCTGAAA
ATGCGAAAACTGGTAAGATTACCGAAGCAGAGGTTCATCAAGTCAACACCACATCTTCGG
CTGCTTCAGCATCCGACCTCGGTGGCATTCCTGGTCTTATCCAGTTGCTGGAGACCAACC
GCAATGAGTTGGGTTTGGAGTACTACTCTGTTTCGCCTACCACCCTGGACGAAGTCTTCC
TTCGCGTCGTTGGCGAAGAGGAGGAAGAGACGAGTGGGAAGAAGCCAGAGGGTACAAAGC

GAAATCAGTGGGGTCGTTTCGTGTGCTGCGGCCTGTGGGGATAGTGTATGAATGGTACAA
CGGAAAGTAAGAGGTTAGACAACAGAAAGATAATGAAGAGGGGGGTTTGACTGGTTGGAT
GATGATTTTGTTTGCACAATCTGGCGTTCCAAGATACCACACAGCACTCGGCTTTTGTGT
ATAGACTGTCTAGCATTCTTACTTTTTTTTTTAAATGAATATCCTCAATCGATTGATTTG
CTCATGATGTGATAATCGGCCTTGATGACCTTGTTCCTCGTAACCCTATCGTTTGGACTA
GACTCATCCTTGGCGTAGCCCAGGCTCTCGTACATTCTCTTTGCGCGCTTATTCGCGGTG
AAGACGGTAAGCATCGTCTTTTTGATTTGGCATGCGTGTGCCGCGTTCTCGATGAATTTG
ATAAGACGGGGTCCAAGGCCTTGTCCGCGCAGCTGCTCCTCGAGATGGATCTCGTAGATG
TAGAGGACCTGGCGGTCTTGGTGCGGGGGATCGTCGTATGTGAACATGAAGGAGGTGAAG
CCAAGAATGCCGTCGTCGCTACTGGTGCCCTCCATGCTACCCTGGCCAGCCGTGTCGATA
GGGCGGCGACGCACCAGGAGATACATCATCTCGCCGTCGAGCATTTCCTCTCTCTTCTTG
CGCGGGTTCCAGCCAACGCTTGATGCTTTGTAGTCGTGTCCCGAAGTCTTGTTGACGAGG
CTGAGGCAAGCTTCGAGCTCGTCCTTGGTGAGGTCGAAAGCCGACGGGACAAACTGGAAC
GACAGCGGACATGGCAGATGCGGCGCGCCGTATGCGCTCAGGTATACGTCTTCTCGCAGC
AGAGTCTGTACTGCCTGTACGCGTGCGACGACGTGCGCCATGTCGTGAATCTCGCGTTGT
TTGCGACGGATTAACGTGGGTATCGGGCTGACTGCGGATGCGTGGGCTTGGTGGTTGGGC
GTCGCGTCTGGTGGGGAAGACGCGACACGGGGTCCATGGCGTGAGTACACTCGACGCCCA
TTTCTGGAATCAGTGCCGGTAGTCACTCATCCCAGTTGTGTGTCCTTTCGAGCACGTCGT
TTCGGGGCGCCGATCCTGCACGCGCATCCTTGGATGACTAGCATCATCATAGCCTAGCTT
ATTCGTCTCGATACGTCAGCCTGCATCGCTGTAAAGAGCCTCATCCAGTCGACCATCCAC
TACTTTCGTGTCCACATCCGCATTGTCAGATTCAGCTGATCCGAGTGTTCCACATACAAC
CGAGGGAATGCTGCGAAGATATGCCACGGTAGCGTCCAAGCCTCCGTCCCGGCTACGAGC
ACGAGGAAAGAGTCCTGTGGGCCTGGACCACGTACGTTTGTCCAACACATGACTTACACT
ATGCAACGCCTGCTGATTGTCATATAGTTCATTCAGCGGCAACGCGTGTTGGCATTGTGG
AGAGACATAGTCCGCAGTACCTCCAACATACCCGATGTAGGAGCACGGAAGGACATGCGG
CAATTCGCAAGATCAGAATTTGAACAACATCGCTCTGTTACCGATCTCGTACGCTTACAC
TCCTTCGCCTTCGATATCCAAGTTAATCGCGATACAGGGTCACATTCGGTATCTGATTTC
GGTACGCCGCTTTCAAAGCACACACAACATGACCTAGTCGCTCACTAACACCTACATAGT
ATGGAAAGACGCAGTTCCAGACCATGAAAGGGACTCTGATCAACTCTGGAGTACTCACTG
AATAGATTTCGTTGTTTCAAAATCGCCCTTCCGCATCTGCCATCATGTCCTGCGCTGAAC
CTTTTTTCTCATTGGTTGATCCTCCGAGGGGCATCTCACTAGCGTATCACAGGCTAGCAT
CGGACTTCTCAACACCACCTCACTCTCTCTGCAGATCTGCTAATCATCATTCTCTCAAAG
CTGCCCCAAGCTCTACGCTGCCGCACTTCGTGTTTGAGTGCTTGGCACCCGCCCATATCT
CCGTTGGTCATTCCCCCGCTTCGCCGCCACGCAGCTCAGCCGGCGATGACTGCCCATAGA
GAGGAACAGTCTGTCTGCATTGTAGGAGCTGGGCCTGCAGGGATAGTTGCTGCGAGGACT
TTGAAACAGCATGGCTATGTGGTTACCGTGTATGAGGCAGCAGACCGCGTAGGTGGCATG
TGGAGAGATGGACATGGAGGACCAAGTGACAAATGCAGTCCAGAGATGCGGACCAATTTG
AGCAGATATACAGTTGCATTTTCCGATTTGCCTTGGACTTCGGTAGACTTGGATCTCTCG
AGACCCGCTGTGCATCCACTAGCTGCTCCGCCCATGTTCCCTAGAGCGTGGCAAGTGGGA
CGATATCTTGAAGCATACGCAAAAGGCTTTGGCATCACTGATAATCTGCTCCTGGGGAAG
CGGGTTGTCCAGGCATCCCTGCAAGAAGATCGTACCTGGAAAGTTATCAGCGACGACGGT
ACCGGCCAGCTAGACTCCCGTACGTTTGACCGATTGATTGTGGCTAGTGGTTTCTTCAAC
AAGCCAGCTGGTACCTTCGATCCTACTCCTTCTACAAGTCTTCCAAACATCCAGCACTCC
TCAAAATTTCGGTCTCTCTCTGAGTTGACGAGTTCTCCCGGAAAGGTGGCCGTGATCGGG
GGTGGTATTAGCGGCTCAGAAGCTGCCGCACAGGCTGCTTTCCAAATCTCGAACGCGAAA
TACGCACCCAGTGAGAAGACATCTACGCATGCCGAAAGCAGGGTCTTTCACATCATCAAC
CGTCCCTTCTACTGTCTTCCTCGTCATCTTCCTCAAGACCCTCAGGACCAAGACGGAAAC
TTCAACCCAGCACCCAGATTCCTTCCCTTGGATCTGGTTCTCTACAATCTTTCGCGCCGT
GGCAATGGAGAGATTTCAGCAGCCATCTCTACAGTGCCACCCGAAAAAGCGAATAAAGGA
CACGAATTCCTGAGAGCAAGTATAGGATACGACTTGAGCGACGTGGGACACGCCGAGCTC
GCATACACACCAAGCCAGACACAGCACCCCGGATATACTGGCATTACAGATACTTACATG
GAGTTTGTGAGAAGTGGCATTATTGTACCAGTAAGAGGATGGGTTGACAGTGTTGCACAG
GCAAGTGACGGTGTCTCCCTAGACATTGGTCTGAAGCAGTACGAGCCCTGGTATCATGGA
TCGGGGAAAGAGCCAAAGGTAACTACACTACTCCTAATTTCAGTAGTGACGAAGATACTG
ATAGCTTACAGAGCCAGAGCAAGATCTGCGACGTCGTGGGTATCATCGAAGCTACCGGCT
ACAAAGCCGACCTGGACTGGCTTGACCCTTGCGTCAGAGGCCTTCTTGCCGACGATAGCA
CCGCACCAAATTCACGTATACCATATCTCCTTTCCCGTGGGTCGGTGTTCTCTCAGCGAG
TCCCTACAATTGGGTTTGTGGGCTTCTATGAGGGTCCTTATTGGGGGGTGATGGAGATGC
AAGCTCGACTTCTTGCTCAAAGCTGGGCCAAGCGGGATTCTGAGCAGCTGCCGTCTTTAT
TGTCCGAATTACACAGATACGATGACACGAAACGCATGCAAGAAGCGATGAACCAGAAAT
CGCTACAGGTACCTCAGTTCTGGATGGCAGATTACGTTGGTTTGATTGAAGAATTTGCAC
GAGGAACAGGCGCCTCGCGCGACGACTCGCTATTTGGCGGCCAAACGGGTCCTACCTTTC
CATCGCGCTATCACCATGCAGGTACCAATGCCCAGGCGAAGGAAGTAGTCGAAGACGTTG
CCAAGGTACTCCAGGCTTCCCAAGAAGATGCTCGGTTCGTTGCTGCCGCAGTGTTTACAG
GTATGCAAGGTGTGTGGAACATGACACGCAAAATTGACTCACATACCAACACACCTGGCG
GCGTGTTTGTGGGCACAGCACACTTCCACCCACGCCAATCTACCGATCCAACCACTTACA
TATCCGAATACCTGTACGTCGAACAAGGCACATTCACCATGGATACTGGCCTGTCTTTTC
CTGCGACTCGCCGTTACATCTATCGATACAATGAGATACGCGACGAGATCACAGCATGGT

TTGCTAAAGATGACAACAAAAGTGTAGGAGCACTGTTCAACACGTGGGGGTTCTACGCGC
CAGTTGACAACAAGTCTGGATGGATGGCCAAAGGTTATCATTGGTGTGATCCGGATACGT
ACCGCAATCACTGCGAGTTCAAGTTTCGCGGTGCGAAGATTGAGCGATTCATGATCAGAT
ACGAGGTTGAGGGACCGAAGAAGGATTACTCGCATGAGAGCTGGTATGAGAGAGCAGGGG
CTAGCAGCAGTTGAATGGAGATTTAGAGGTTCGTATAGTGTCGGAGTGACTGGTACCATC
GACAAGAGTTGTGCAAAGGTAGTATAGCACCGTTTCTTTTTTCACACAAGTTTTCACGGG
AAGTACCGATGAACAAGGCAAGAGATAATTGCGCCTTCTCACTCATACCTGTCAGAATCG
GAAACAGCGTCGGCGGAAGTGTTAACGGTCACAGCTACGGTCTCAGTGAGTTGGAGATGA
TCAGATATTGGCTTATAGTAGCTCCTGGCATATCATCGATGCCATAGGTGCAAGAAGGTA
GGCCCTTAGCACTATGTACAAAATACAATGTCAGATTGGATGAAGAATGGCTCTGGAAAA
GTGCCTTTGGAGTGTTATGTATTCAAAGGGTATCATATACATGTCGTCATATCGTACAGC
AATACATCGTTATGAAATCTCTGGCATTTCATGTGTCCATCTGCTCAACACCCCCGTTAA
CAAGTGAACTAGGGTGTGTGGGTGGACCGTCTCGCCCTAGGCTCTTGAGATCTGCTAGCA
AGGTTCTGAGATGGTTCTCACGGTTCTGGTTGCTGCCCCATGTGACCGCCTGGGAGTAAT
ACAGTATATCCCAGGCCTCGTCACTGATATTTTGGAGAAAGGTAGGTAAAGATCGCGCTT
TTTGGTACGAGCGCCAGAGAATCCGGCGGATGTCGTCATTTGCGCCGATGTATGCGAATT
CAATGGCTTGATTGAAAGACTTCAGCGCGGGCGAGATGTTAAAAGGTGGGGGCAGATGAA
CGCGGAGTCGTTGGAGGGCGGCAGAGTGTTCTGGATCCTGGAGGGCGGCAGCCATACGTT
CTTTGAGCGTAGTAGTGCGGTCGTCTTCGAGTTGGTAGGGATCAGGTGCACTATCGTGCG
CAATAGTAGTAAGATCACCTTGCTGTTGCTTGTTTTCTGAGATGAGCTTTTGAATGTACA
TGAGCTTCTCCATCAACTTGGGGTCTTTCATGATTTCGTCAACTTTGGCTTGTAGCTCGG
CGGGAACATCTTCCTCGTCCTCCACAAGCTGCTGGGGCTGCGATGCCTTCGACTCGGCAA
ACTTCATGATCTCCTCCGCTAATTCTTGCGGGTCCATCTCACGTTCGAATACACCGTCTT
GATCTTGGTTCGACGACGAGTCTTCATTGAGGGCTGCATCAAGTTCAGACTCAAGGCCGC
TGTCGCCACCCAGCGACTTCATGATATCCCGCATCTGATGTAGGAGTTTATCCACATCCT
GCAGGTCCTCGGGCGTTGTCATGGTGAGATCGTCATCTGGGGCCTCAGCTTCAGCGATAG
CGTCCTCTGTGTTTCTCTGGTACTCCTCCCATTCAGTCTCTAATTTCGGGCTATCGAGAT
GTTCGCTCATAGCAGCAACCTTCTTCTGCATAGCTTCGTTGGCCCCCAGCTTGTCCATTG
CCTTGTTCAGCATGGCTTGATAATCGGGGTTGTCCATTTCCTCCACATCTGGCATCTCGT
CGATGCACTTTTGGAGGTCAGCCTTCGCATCTCCGATATCCGGATCGCTGACAATGTCTT
GTAGAGTTTGGAGTGTGGCCGTCCGTAGGCCAGTCTTGAACTCTTTGCTTTCCTTCCCTG
CTTCGATGGCTGCCTGCTCTTCTAATTGCTGGAGCTCTTTCCTCGACTTGATGCCTTCCT
TGATATCCTTGAGCTCGTCCGTCAATTCGGCGAAGTTTGGGTTAGCCAGTAAGCTGTCGA
TCAGTCGCCGGTTCAGCCTTGCGTCGTCGTAGTCCGGGTTCTTCTGTGATTCCTCTATCA
TCATGTACATCTCTTTGTCTTTCTTGCGATCTTCCGGTGTGGCTAAGCGTTCAACGAGAC
GCTGTGGCGTGCCTTTGTCCAAGTCCTGCTCATACCAGTTGATGACGGGCATATCGTCAC
GTTCGAGTTCGGCGTCGGACAGCGGGCGCATAAGCCTGTCCGTTTCCGCATCGTTCTCGA
AAACGGATTTTGTGCCTTTGAGCTTGTCCCGTATCGCAGACCTGGATCCGGTCGTCGCAT
CCTTCTCCGTCTCATCGGGTCGGCTGGCTTTTGTGCGTTTTCCACGTCGAGGGCACGCTG
GTAAAGGGTGGAGTACAGAGCATGTTGTAGCACGAGGCCGTGCGAGCGCCCTCAAAAGTA
ATCGGGGAGATACATGTGTGCGTGCGAGCATTGTGATGGTGCTAATGGTGGCAGACTCCC
TGTCGCTGTTTCCCCAAAGTTCTGGCGCGGATGCAAACGATGCAAACACCACGTCATCTT
GGCACCCCCGAGAACTCCGCAAATGCTTGCCAAGAATTACTCCTGCGAAGCAAAGCCCTC
AAGCACACCAAACATAGTTCTGACACCGTTCTCCACGCTGAGGCCCTATCCGTCATCGTC
ATCATCATCCCCGCGAGAGCCACTAACAAGGCCATTATCAAAGGCTTCGCTGCGCCTCCA
AGTATGCTCGTTGAGAACGCCTGCCAGACTTGAGTCTTTCTCCGCCCACTCGACTACTTC
TCTTCAACTGCTACCTGGGTTTGTGATGTTCTTGTTCGAAGAGTCGCATGTCAATCAAGA
TGTGTGCTTAAAGCGGAAACATGGAAGCTAGAGAGAAAGAGCAAAGGTTGCGGCAGTGCG
GCGGAGGCGGCCGTGAGTGCCTTATAAGACCTCGTGAAATCAGCAGCAAGTGAAGCTTGT
TTAAAGGTTGCACCGTGTTCGTTCCAGAAACGCGCTGTTTATCACAGTCTCCGACTGGGA
ACGCCTTTCTAGGAAGCTTACACCCTGGTCACTGATCAACCAACAACTCACCATGCATCG
CTTCACGAGAGTGAGCAAGAATCACGACATAAGTCTCTTTGACTATGATCTACTACCAGC
ATGTGCGAGGTCATGCCGTATCCTGGAGATCTCTGAAGGCAACTGTGTTCCACCAGCGGC
TCCGATATCCGATCTGTCCACATACAGAAACTGCGTGTGTCAGTCCGATTACCTGCGCAG
CCTCCATACGGGTGGAGTGGTTTGTCAACATGTATGTAATGAAGAGGACGATGAAATTAT
CCACAGCTACTACGTTAATATGTGTACATCTCCAAAGCCAGCGAAGACGAACATGTTCAT
CTCCACGTTGACCATGAGTTCAGCGGCTGTACGAACGACAGTCGCATCCAGCCTGGTCTA
TCACCCAACCGTCGCGACCCCTGCATGCACTGAGACAAGCCAGGGTATCCCAAAGAGTGA
CTACCAATGGTACGTATGGGACCTTTATCCTCCAAACCATAGGCTGATGGTTCCAAGGTC
TGATCAGAACAGTAAATACCTGGCTACAGCAGCTGGTGTAATTCTCGCAATTATTGCAGC
TTTACTTGGGATAGTCTATTACCGTCGCCGTAACAACCATAATTCCAAGCTCGCGAATCA
ACAAGTCCATGGTCGCTCAATCGCCCTACAGTCACCCACATGCCAAGCAGCACAATCACT
CCGGCTTGACGCTGAACAAGATCGGCACTTGAAGACAAGCGCTAATGCTGACTCGTTGCT
TTTGGCGATACAGAGCCCTTCCGTCCCACCTCCATTCGCGCCGCCGACTCCAAGCCATAA
ACTTGGACATACCATTCGAGTTTATGCGAAGAGAGATAATGAGGGAGATGATCTTGGGAG
AAGTGACGTCGAAGGACCTACCACCCTGGTGCGGTCACTAAGCAGAACGGAGAGGTTGAT
AAGGGAGAGGATTAGAATGACTGGTCGACCTGACATCCCAATCAGTGCGACCCCAAAGAT
TACAAGGTGACAAACGTGTAAACGTAGTATATTTTGCAAGGTCTGTTTTGGATTTTCGTG

GCCATATGCATGAATGTGGCACAGCTGGAGTGGAAAGGGTAATAGTACAATACATAGGCA
AGCCATGGGTCTGAATTAGATTCTTCTACCACAACAATGTGTTCATATAACGTGATCAAT
GGAATTGTATATTATAGTTAATCACTTGCGCGATATTGCAGGTATGATGAAAGAGCTGTG
TTGGGCGCCAGACGATTATCAAGGTGAGCTATCCTGATGGGGTTAAGGCGCTACCCGCCC
GCGTTTCCATCATCAGGAGCGCTGCATCGATCCGTCCTCGTCTTACTACATCCAGGGGGG
ACTATACAATAGAAACAATGATGATCAAATGGTTGCGCCACAAACGACCCAGCGGCAACG
TGTCAGCATCGCCCGTAAAAAATACCCAGCGCTTTGGTACAACAGACAGCTGACTCTGTG
CAGCCCCAAAAGACGGATTGTGCGTTTCTGGAACTACCAGGCGAGATACGCAATCATATA
TACGCCATGGCTATCTACCCAGAGTTGTCTTCCATTGTGATCGTAAATTGCACCAAACCG
GAGCATCTTGCCGTGTCGGTGCTGAACCTTCCTCTCTTTCGCGTCAGTCGCCAGATTCGG
GCTGAATGCCTTTCCTATATGTGCTCCAGGTTCCCTATACGGATCCTTGGCCTACAGACT
GCGATTGTCTTCTTTTCTTGCGCAGGACCAGCTACCTCCGAGATAAAGGCACTCACCCTT
GTGCAGCCAGCCATGAGCATTCTGGAGAGCAAAGAAAGTCGAGATACTGTGGAGCACTTT
TTCGCAGCACTGAACAGAATGGAAGATTTGAACGAACTTGTATTGGAGGACATAGGGAGG
AATCCAATGCTAGAACAGAGTGGAAAGGAACTGGAGTTTGTAAGGAGAGTGAAGGACTTG
AGCAAGAGAGGCTTGGATGTGAAAGTTAGGTTTGGGAAAGAACGGGTGGTGTGAGTAAGA
CATGAGATGCATCACCGGTCGACACAGTCAGAAACCTGATTGTTGCCTTCTTGGCATTGT
TCGTGCTACAAAACCCAGAAACTTCTACGAAATGGGCTCCCGAAGCATCACTGTGCTGTA
ATCTGTACCTTCTAACCCATAGTGTGTCAGATCCCACGTTACCACTGCAATGCCGAAAAC
ACAAAGTCAGTGACAGTCCCGAAGGCAGTTGATTTGTCGCGACTTACCCTCCTTGGCTTG
GAATCCCATTCTCTCATATAACGGCTTGCCCATTGGTGACGATTCCAAGAAGGCAGGTAG
TCTTGCGCGATCCGCTTGCCTGGTACCCCAATCGAGCAGCATGGCCCCTGCACCCCTACG
ATAATGGTCTGGGTGCGTTGCGAGGATGTGTAAAACTAGTGTTTGTTAGCAGATCATCTC
GACATGTTTGGCTGGGCACTGACAGTAAAAAGGCTTTGTTCCCATGTATTCTTTCCTTAC
TCGACTAAGAAAGGCCATGAAGTCCAGCAAGCCTTGTTGTCCTTTGTCTTTCTCGTCGGG
TACCGGATACATCTTCTTGGCTTCTTCTTCACTTCGCTCCTGCTCGTTGATGCGCCATTT
GGCGACTGCAATCATTTTCCCATCGAGATCGGTGTCAATGACTTTGAAGTAAATAACATC
TTTCTCTTCGCTCCACGACTTGACGTGCTTGCCGACAGACTTTTGGACATACTCCTCTGT
GATAGGATTTGGCGTGAGCAGAGATGTGATACCCCCGCCGTTGGCGAAGGCAGCAATCTG
TATGGCGACGAACTCGTCAAAGTCGGTGGGAGAGGTTATGCGATGGACTTCAAGAGGCAT
GATGTGCGTCCACTTACGATACCTGAACTCTGAAACTGTTTACTGGAAGACCTTTCTTGC
GCAGCGCTAGAGCTAGTTATACAATGAAAGATCATGGACTGGGATATTGCACAAGTCGCT
AGTACCTTCCTCTTGGGGCAAAGGCGGGGTGGTGCCAAATACCAAAGTAGCCAACGTCGC
CCTTTTCTCCTCGCGATTCCAGTGTTTCTGCATCGTAGCCCTTTTCTCTTGTTCTTTCAG
CGTCTCTGCAGCGTAGCCCTTTCGAATCATCCCGACGTGTATGCGCGATGCATCAGCTTG
AGAAGCGTTTTCCCACAGTGACGTTGGCGGCACAAATGTCAAGGCGTGCTCGTTCGCCCG
CATCTGGATAGCTACGATGCTTTCGCAGACACCATGTCGCATGGACAAGCTCACCAAGAC
TTTTGAACGAGCCATGTTGGCGACGATCCGGTATTTCCGGGAAGCTGTGCGACCGTAGGT
TTGGAACGCAGCTTGGCCTTGAGTCTGGAACGCATGACGATTCGGGATCTGAAGAGATGG
AACGGGCTGCTGAAACAGTCACAGGATGTGAACACGGTGCGACAGAACTCAGAGTCATGA
GACGTGATTTTAGCCGAACATCTTTGTCGGATGCGATTGGCTCGCCGTTTCCCCATAGTC
TGGTTACAACGTTGGACGTCCTGAGCTCAGTCTGAAGCCGCATTGACGTCAAGTCACGCG
GACAGCGAAGCATCAAATCGCAGGGATAGGAAACAACGCCAAGCATCTCACACCCAGCCC
CATCAGATGGAACTCGCCGCCTCGGTCATCTAGAGTATCCATGCTGCGCATCACCCGTGG
ACCTCGGCAGTTTTTGTCACAGTTCCTGCTAGGTATACCGGGACAGCGGCTACTAGGCTG
TAGCTCTAACCCTAATCCCGTTCCCGATGGCCTCGATTCGACATGGAAGGGCTCGTAGAA
TATGTCGCACGACACCCTTGACCGCCAGTATGCGTACTATTTGTGGTCTGGCATGACGTT
TGATGTCTTTTCGAAAAGCAAGTGAAAACATGACAGATGTGTACATCGCATGTTCAAGCT
CCTGAAAAGCGGTGGTTAATTGTTCAGCGTTGACCATGGCATTCTGCTGGGCCAGATTAT
AAGAAGACATGTCATTCGCTTCATGAGATGAACAGCAGCCCATCCATCTCTACTTCACTT
CTCAAGATACCCGTACTTGTTTTATCTACATTCACCACATACTTGTAATATCTTAATACA
AATTCCTTGACGGAATCAAGCCACACCCTCTACAGCCATGAAGTCCCTCGTCTTCCTCCT
CCCAACCACCGCATTCGCCGCCCTTACTTCGATCACTCAGAACGACGTGAAGAATGGCGG
CGGTTGCAAACCAATGACCGTCCTTTTCGCCCGTGGCACAACCGAACTTGGCAACATGGG
CAGCATTGCGGGCCCGCCATTTGTCACGGCCCTCGGCGCCATGATGGGAGGTGCTGCCAA
CGTCGCCGTACAAGGCATCCAGTACCCAGCAGATGTTCCAGGCTTCCTTGTTGGTGGTGA
CAAAGGAGGCAGTCAGCTCATGGCGCAGATGGTTGGACAGGTCAGGGCGCAATGCCCAGA
CACTACACTGGTTATGGCGGGCTACTCGTAAGTAACAAGCAATTCCAACAGGATTTGAGG
ACTACGAAGCCTAACGGAACAACCAGACAAGGTGGACAGCTCGTTCATAACGCAGCAGAT
ATGCTTAGTGCCCAGGACTCGGCCTTTGTGTCCAGCGCTGTCATCTTTGGTGACCCAAAC
AACGGCAAGCCTGTCGGTAAAGTCGCGGCCGGAAACACCAAGATCATCTGCGCAACTGGC
GATCTTATCTGTGCGGGCCAGGCTGTCATCCTGGCGCCGCACTTGTCATATGGTGCTAAT
GCGAACGAGGCTGCCAAGTTCGTCATGAGCAACATGGCAGCCGGTGGTGCGGCGGCTGGA
GCTGGAGCTGCTGCCAAGGGTGCGGCAGCTAAGGGTGCTGCTGCTCGAAGCGTGAAGGCA
AAGTATTTCATCTCTTAGTCTCCTGTGTTGCTTCACGGGCCCTATCTCACCTAACGTAAC
AATGACGCAAACGCTGTATATATATACCTTCGCTCGTTCAGCAGCTGCAGGTCAGCTCGT
ATCACCAAGTTTAAATGGAAACTTGCGAATTCAAACATTTTCCAATCTCCATTCAAGTTA
TCATGCTTGGGATCATACCTAGGTACTCCACGCATCTCCTACTGTCTTTTTCGGAGCCCA

CGGTCAAATCTTCTCCCCTCTTGTACCAAGCCTAACGCTTTGGGCAGTATGAAACATGGA
TCTCAAGCCTTGATGAATCACCTAACTGGAACGAAGATCCTGTCGATGTCTGGTCCCCAA
CCTCCATCAATACCGCTGATCTTGACTTCATTCGTACCCTGCTTCAAATCGACGTGTATC
ACCGAGCTGGCTGGATCCCCTCCTCCATGGGGCAGGAATGCTAGCTTCTGCGTTTTCCCG
TTCACACTAATATTTGCATACCTTTGACTCTTGTCACCGTTGAGATGCTTGATCCTCATC
GTCGTGCGAGTCGTTGCTGAAGACTGGATATTGGGAAATGTGGCCGAGCCGGACGTGGTG
CCGCCAATGTACCCAGCTGCCTTGGAGCCTGAGCAGGAAGAGCAGGCCTGAGATTTGGCA
CCGTTAGCAAGGTTTGCGCTTTCACCTTCGTACGAGGTTTCTTCGGGGCCGGAGGTAGTG
GCCCCAGAGTTGGGGTCGAGAATCCAGTTGACTGTGTTCTTCATGCTGGCGGTAGTCCCG
GAGATCTGAAGTGGGAGCCACACGTATGTGCTTCTCATCAAGTTCTCACTCTGCCATCGA
TCGCCCATGTATACGTATCCGTTCCCAACAGGCAATACAAAGGTTGTTTGAGAAGCGTAC
GTGTTTGATCCTGAGTCTGCAAACTTTTTCCACGAAGACCATGGTCCCGAAAGGGCCGTT
GATGTACTGTAGTAGTTGTCGTTTGGGTTCCATCCGGTGAGCTGTGAAGCGAACATGAAG
TATACACCCTCGTGTTTGATGACGGCTGGGGACTCATATTTCTCTTTCCAGACGTAGACA
TTTTTAGTAATGTTGAGATAGTCATCGGAGAGTGCGTTGATACGTAAGCCGTTGCTGCGC
TATTCTTGTCAGTAATGTGGGTGCTGATGGTTGAACAAGAGAAGCCTACGTCTTCAGTGA
GTAGATAACCCTTGCCGTCGTCATCAACGAACACGCCTGAATCTCTACTCTCGAAACCCA
ATGGTCGCTCGCTTCGCAAATACGTGTATTTTCCACAGACACTGTCTCCAACAGCGACAC
CGATCTTGGCCTCACCATAGTCGGCGCTGTCAATATGCATCCATAGAACATACTTGCCTG
TTTGCTTGTTGTGCATAACCTTTGGTCTCTCGATGACACGATTGGGTCCTGTATCGCCGG
ATGCAGTACGAGAGATCAGGGCACCCTCATAAGTCCATTCGACGAGGTTAGTGGACGAGT
AGCAGTTGATGTTTGTGAAAGCTGTTCCGTTGGTTTTGTCTTCGCCAACCCTATCGGTGT
GTCAGACTGGGAGAGCTTGAGCCTATGCGTAGACCATTCCTACCAATACCACTTTCCTCC
ATCCTTGATGATGCCGGCGCCGTGAGCCTGAATGTGCTGACCTGTGTTTGTCTGAAGCGA
TGTCGTCAGTTAGCGTACCGGATGGGACACGACGCAACGCACTGCTGTCCAGGTTGCACC
AGGGACGATCTGAAGTGTCGCACTCGCGACTGAGGCGGTCAAGCTAAGGCCTGCTAAACT
AAGAAGGCGCATGGCGAAGTTGGGATATCAGAATGCAGATGTCAGTCAAGAATGGCGGGT
CGAGGAAGCACGTCTAAGATATAGTGTCGAGCGACCAATAGGCCTAGCATCGTCATGCTA
ACATATCCAGTAGGATGTCCGCTCATCCCTCATTGACGGAAAATGGAGGCCGCGCTATGG
AGTGTCACGAGTAAACACGAAGGTTTAATAGTTGGGGCGGCGTATTAACATCGGAGCAAG
GGTAGTAGTAAACGAATTGTGGGGAAGGAGAGTTTAGGTGCGGAAACTATGCTTAATTGG
ACGTCTGTCGCGTACATTGCCATGGTGGCTGCATGGGTTGCAAATAGCCCGACGTCCGTG
ATATTGCGAGTGTGGGTGTCTGCACTCGGGAGCGCGTTGATGCGGAAGGTCATGGTCGTA
GCGCGCTAACCCCCGCGCGGATTCGCCCAAACAAACAACGCTCCGGCCAGGGCCATCACA
AGCACCACAACCCAACCCACCATGGCGCGCACGACCAAGTACAACACGGCCGTCTCGCCG
CAGAAGACACCCATCAAGGTGCCGCTCAACGACGACCGACAGGAAAAGGCCATCCGCCGC
CATGCACAGCAAGAAGCCCAGCGCAACTCGATGCGCGCCTCGACGGCTACTGCCACGCCT
GGAAGACGACGCACGTTGCATGGCGCCGACCATGACAGCCCCCAAACGCCCTCGCAAGAC
CAGGACGACATGCCAGACATCACTGGCAACGCCGTCACGCCGGGAAACCGCGGCGTCATG
CCCTTGCTGGCCAACTTCGAGGAATGGATGAAGATGGCCACGGACAACGTAGGCATACAC
AGCTGCACCCACTAGGTCGAGGCTGACGTGACGGGCAGAAAATCAACGCAAACAACTCGT
GGAACTTCGCTCTCATCGATTACTTTCACGAAATGTCTCTACTCAAGGAAGGCGACGGCG
TCAACTTTCAGAAGGCGAGCTGCACACTCGATGGCTGCGTCAAGATCTATACCAGCAGGG
TCGACAGCGTGGCCACCGACACGGGCAAGCTGCTTAGCGGACTCGCAGAGAATGCCAGCA
AGAAGCGGAGAGACGGTCATGACGCTGATGGAGGCGACGACGACGACGACGGCGAAGGCG
AAGATGGTGAGGATGGAGAGGGTGGCCAGAAGAAGCGCAAGAAGAGGGCTGCCCGGTCGG
CCGAAGCTACCCTCGCGTCTTCCTTTGCACAACTACAGAACAAGAAGATGGAGCTCGAGT
TTTCAGTAGATCCGCTCTTCAAAAAAGCCTCCGCCGACTTTGACGAGGGCGGAGCAAAAG
GTCTCCTCCTGAATCACCTGGCCATAGACGGAAGAGGCAGGATCGTCTTTGACAGCAGCG
ACGACGCAAACGATGCGACCGCCGACGACACACGTGCTACCCCAGTGCCCGAAGACGCCC
ATATGCAGCAAGACCAGTCCCAGACGCCCGATGCTATCGATGTCGATATATCTGGCCTGG
CTGCCAGGTACTTTCCCGATCTATCCCAGCTCGACCGGGAGGACGTGTGCCCCTCGATGA
AGACGTTCGACCTTGGTGATGTAAACGGTTCCATGGATCTTCCCTTTCTCAAGGCCCCCG
ATGACTCTGCCAACGAAGACGGTGCCAAAGATGAAGAAGACGAGGCGGGCAACCGGTCAG
GCCTCTTTTTGGATGACGACAATCCTATGGGCTTCGACGATGACGACGACGTGAACATGG
GCGGATTCGACCTACCTCCGGAAACGGGCTTTGGCGAAGGCGGAGAGGTCTGGGCTCGTC
AAGTAATCCAACATCCACAGGCTCGCGTTCACACTATGGGCCTTGAAGGGGATGAGGAGC
CAGACAGCGCCGAGGGTGCACTCGGCACTGGTGCTCAATATGGCGTCTCTATGATGCACG
GTCGTGATCAAGAACAGGAGAATATTCTGACCTACTTCGATCAAGCTCTTAAGAAGAGCT
GGGCAGGTCCTGAGCATTGGCGTATCTCACGAGTCAAGCATTCTGCAAAGGCAACACCAG
CAACGAAACGGAAAGAGAGGGAGCCCTTCGAGATTGACTTCGCCGCACCCATGGCTCAGA
CACTAGCTGATATGCTCTACACGCCTGCAACATCCAATTCAACTATATCTCTACCAAAAG
CGCAATGGAAGTCCAAGTCGCGTAATCTTCTCCCAGACGACAAGCATTTCAACTCGAAGC
AGCTATTGCGTCTCTTCTTGAAACCCAAAGCACGTATGGACTCCCGAAAGGGCGGACGCC
GTGCACAAGCACAGTCTGGAGACCCAGCACGCGTCGACGAAGCATACTGGGCTGATCAAG
GTCAAGAAGGCGAGGGTGACGACATACAGGGCAATTACGATGCCGACTTCTTCCAAGATG
ATGGTTTGCCAATGCCTGGTGGGCCTATCGACGATGAGGACGTTTTCGCAGACGCTCGCG
ACCACTTTTCGCCGCCGCCTGACGCACCCGAAGCTACACTACCAATAGACGGCATGCTAC

CTAGCTCGCAGACTGACGCGTTTGGTGCGCAGCTAGTAACACAAAGCCGACGATTCCGGC
CCGAATACGTGCAGTACGCAAGAGTCGCAAAGAAGGTGGACGTGAAAAGATTGAAGGACG
AGCTATGGAAAGGTATCGGATTCGAAGGCGTAAGTTATGGAACCAACTCTTACATAGCAT
CCAAGCTGACCAATATTAGATCTCTGGGCCTCCTCAACCCAACGTCGCCGACGATCCAGC
AAACAAAGCTGTCGATGGTTCATTGACTTTTACCGATGTCGTCAACAGCTTACAGGCTGT
GTATCCGAAACAAACCATGGCCGATATCTCAACGAGTTATTGCTTCATCTGCTTGCTGCA
TCTAGCCAACGAACAAGGTTTGGTTATCGAGAATCAAGAGAAGTACGAGAACCTTACCAT
ACGGAAAGACTTCACGGCGGAGTTGGATGTTGGTGGGGCATGAGGTCCTACTATCTGGGT
CACTCATTCTCACAGCTCGCCTTATAGCTGATTGAAACACGACTCTAATTTATACATTAT
TAGAACCAATGATACCTTGCTTCATGAGCTGCAAGCGTTTGAAACGCTTGTTTTTCCCAC
TTCACCAGACGATTCCTTCCTACCTCCAAACGCTCCTGTTTCCCGTCGCAAGCCTCGTGC
GCTTTGGTAATCTGTATTCATCCCCCAGGTTCGAAGCAGTAATGCCCGTAAGCAGTCGTG
ATACCAGAGCCCAGAATTGAGTGTACCTATGACTTTCAACAGTCCTCTAGCCATTTCCTT
GTTCTTTAGCTGCGGAAGTCCTTTGTTTCAAGCGCTCTGGGCAGTATTCGGGACATTGTT
CGTGTCCAAAGCAGTGTCGTCCACTCGATCCTGGTAGGTCGGCATGAACACAATGGTTGT
AATCAGCCCCCTCCTTGTCCTTACCGCAGCCACGGCATCGTGATCTCAACAGGTTCACTC
GATGTGAGTCAAGCACCAAATGGGACGGTCGATAGCAGTGAGAGTGTCCGCAGAGATGTG
ATACTTCGAACTGTTGGGGCACATCCCCGACGATGGTGGTGAACTTCAACGCGTATCTGA
ATCCCATAACATTCATGGCAGCATGCGTGTATAGCAGATTTCCCCTAAATGCTGGTTCAG
GTTCTTGCGATTGATGTTGTGTACCCGGTACATGGTCTAGGCACTTCCAAAAGGATATCG
CCAGCTCGTTGTTCCTCGAGCTACCCAACAACCGCGAGGGCCCACAACTTCAGTGTCGTT
GAGAAGCACACGCCAGCACTCTCCATCTCTGATTTGCCGCGACAGTCTGAATCTCGCTGA
CCCTAGCCGGTATCTATGAAGATCAACCAGTTGCTGGTACATAGGTGCAGGTGGAACCAT
CAGTTGCTCCTCCAACAGTCGATCGGGCAGGACGGTGATCTTCCGGGAAATGCGAACTTC
GATCATCCGCTGGACATTGCGTCTAGGAGGACTTTGGGCTATTGAGACGTTGTCCGTAGT
AGAGTCTGTGGTCTGTTGCGTATCATGTTGATTTCGAAGTCTTCGACTGGACCTAGGTGC
AGTATGAGATCTCAAGCAGGTACGACGATCGATCGGATTCAGAGTTGTTGTGGAGCCGAT
TATGCGAGCCATCTTTGGGAAGTAGAGTGTTATCTTAGAGTAGGAAAGTGTGAAGCAAAC
ACCCTCGAGACAGTGCCCGTCTTGTGTACTGGTTGTATCAACATATGTAGATGACTTGTA
GGTCGTCAATCAGATTTCAAGCAAACATAGAATCATCTACAAATACGTGATGAAGATACG
TTTACGCCTAACGGTAGACTACATGTAGGTCACAACATCATGCATGGTACTCTCGGGATG
GCATGCTGGCAGCAGGATGCATCTAGGATCGATATGACAAAGGACTTCGCGGCGCAGTAC
ATGAATGAAGGAATAGGGCGACTGCAGCGATTCAATGAAGTGATAGCCCGTTGTGTTGTG
AACAATTTACTGTCACAGTTGCCTTTTGGTTGTTTTTATTGGCCCGGCACCAACCGTCCC
GTCTTCACGTATCCGCTAGTAAGGTGTTGCATATAAAGAAACGATACATCATTTTTCGCT
ACGTCTTCACAACCATACAGCGACCATCCATCCAGTGACGAGTCCGATCCACACATACAG
TACTTTCTCGATCGCTGTGCTTGGTGCTTTTGACTCTGCATCCTGTTGCGGTGTAGACTG
CACATTCTCCTTAAACTGTCCAACCACATTTCCCCGAGGCCAGTACTCGCAGACGACAAA
CCACCCCGGAGCATCGCCCTCACCACCACTGGTACCACCATTACATTCTTTGCGGCCGCA
CCCCATTGAGGTTGTCGATTTCCACACAAGTTGAGTAAAGTGGCCAGTTTCCTCGCTTGG
TAAAGTCAGTAAGCACGTATATACATGGCGTAAACAGAGAGTTGAACAAACCTAAATTCC
CCTGCCTTGAAATCGTACTTCGTGCTCTCATTTCCCCATGCCATGACGGTAAGCTCTGCG
CTGCCATATCCTGAACCGAGATTCTCACCGTATGGTCCGCCCTACACGGTCTCTAGCATT
AGCGCAGTCGACATGTCATTGTAGTTCCCGAGCCGCTGATCCTTCTCCCATCTGTGGGTA
TTGTCGCTTTGGAAGCGAGACATCGATTCCGGGTTTCAGCAGCGCGTGCTGGCCTAGGAT
CAAGTGGTGTAACGTACGCTATGCTCAAATTTGCAACCGTCTGCCAAGTCCTGAGCGTAG
TCGGATAGCGTCGTGTTCCACTCAAGCTTTGATGCATTGTGTTGCACACGATACTCATTA
GTGACGTTCATCAAGTCGTCCTGAAAAGAGCTGTCACTCGTGTATGATGTCGTTGCTTCG
TCAGCAGCTGCGGCCAACACGGTCATGATGAGGGCGACGAGCATGCCAAGAAAAGGGCTT
GGTTTCCACATATTGGGCCACTCGAATACGAAGGGTAGTGAATGTCCTGATGAAAGATAC
AAAGCTCGTGCGTGGACTGTATTGAAACACTTTTCGACGTTATAAGAAGCAAAACATGTA
AATGTTTGATGAGATATCGACAGCAGTTTCGTAGTAAGTGAAAGCCGAAATCCGGTTTCT
GAGCTACTGCAGGAGCGGCGACTCGAAGTTAACGGTCATCGTGTTGTTCCTTGGATAGGG
CGCAAAGATTATGACGTAGGTGGATAAGGGAAGTTAGCGACATCAACCCCCTGTCCAGAT
CCTAATGCATGTCTGGGCAACGGATGGAAGCTGATCGGCATTTTAGGATATGTATCATAT
TTCTTAATCAACATACAACATGGCTTCAACAAACATTCCTTTCATTGTCCAGATTCGTTA
CTCGTATTATCATCAACTCTCATCAATCCAACCACACGATTGTCCCATAAGTCGGTAGTC
CGTGCGTTCACTGACCATCGCAGCCATATACTTAAATCAAAATCAAGCGCAACGCCGACG
CCAAACCAGAAGGGGTAGTCCAGAGGCCAAAGCGACACGCAATACGAAACGTACGACGCT
AAAACGACCATGGTATCTGAACTTTTCCTTGTAATCGAAAACAAAAAGCCTCGAATAGAA
AAGTGACAAATGACAGAAGATCAAGGCGCGTATCGCGACTCCCCAACAGTACCTGGTATA
TCTCGCGAAAAACAAAGAAGCATCGAGACGGCGCTTAAGCGGCCAACCGAAGAGCGCTGC
AGCGGGGACGGGGCATGACTGTTCAAAAACGTGAAGGAGTCTACTAGCATCACTGACGCT
CAACTCCGCAGCAGCCTCAGAGGATCCAGTCGACCATTTCTGGTTTCTCTGCGACCAAGC
CTATTTCTTCTTCCTGACTTGGGTGCCAGCAGCCCATCTGAAGAAAGGTGATGGCGCAGG
CTTCTTGCGAGAACTTCCGGAGCTGCCACTGCCACTGGGCATAACGACAACTGCAGGAGG
GGGGGAACCACCAGCAGGATGTCCAGGAGGCGGCGGTGGGGGTGGAGGACCAGGCATGAC
ACCCGGAGGAGGAGGGGGCACTTGCACGATATGTGCCTGAGGGAGGGATTGGCGTTTCTG

GCTCTTGTCCCTCTTGCCCTTTCCTTTCAACGGAAGGTGGCTGGACAGGAACACTTGCGC
ATCCGGTGGAGGGGGCGGTGGTGGAGGAAACGCTTCTTTGGGCGGTTCCGGTGGTGGTGG
CGGGGGTTCAGGCATTGGCCACATATGCATAGTAATGGCCCAGTCTGGTTGGATCATGGT
TTCCCAGACCTGGGGGAGGATGATCTCGCCGTCCGGTCCGACGAGGTCGTAGTGGCCTTC
ATGAACGTGAGGGCCAATCACATCGACGTGCAGAAAAGCTTGCTTGATGAGTTCTTCCAT
GCCCTGACCGAATGTTAGCTCCAAATTGAGACCTGTTACCCAGACAACTTACCTTCCATG
TTTTACACAGAGCCCACGGGAAGCTGAACTTGCGACCAACAGCATCCTTGAACTTGATTG
GGGCCTTTGGAGCGTCGGATGGTTTCAACTTGGCGGCCTCTTCTTCAGCAGCCTTCTTTC
CCTTTTCCAGGTCGTCCGCAGCAGCCTTGGCTTCTGCCAAAGCCTTCTCATGGGCCTTCT
TGGTCTCCTCGGCTTCTGCGGCGGCTTTCTTCTCAGCTTCTTCACGTGCCTTTTGCGCTG
CTTCGAGCATCAGCTTGGCTTTTTCGGCAGCGGCTTTCTTTTCTTCTGCAATCTTGGTTG
CCTCCGCATCTGCAGCTGCCTTGTCGGCTGCTCGAGCCGCGTCTGCAGCCGCCTCACGCT
TGAGTTGTTCGTCTTTCTGAGCAAGGATGAGGCTTTCGAGTTTGGCGAGCTTGTCTTCAT
CACCCCTCTTCTTTGCCTCGGCAGCTTCTTGAGCAGCCTTCTCGGCAGCCTCCTTCTTAG
CCTTTTCTTTCTCGATTTTAGCCTCTTGTTGGGCAATGAGCAGATTTTCGAGGCGATCGA
ACTTGGCTAATTCAGCGTCTCTTCTTGCTTTCTCGGCCGCCTTTCTCTCCTCTTCCTCCT
TGCCCAATAAGAGTTTCTCAAGCTTGGAGAGCATGCCCTCCTCCTTTGGATCAGGTTGCG
CGGGAGCGGGAGGCGGAGGGGGAGGTTGAGCCATCATAGCCATAGGGTGCATTTGTTGCA
TGAGCTGCTGTTGCATGGGTTGCTGCATGAGTTGCTGTTGCATGGGTTGCTGTTGCAACT
GCTGTTGTTGCATAAGCTGCTGCAACGTCTGCAGTTGCATCTGGTCAGCAGGGGTTTGGG
CTGGCTGAGGCTGAGGTGGGGGCGGAGGCGGAGCTGGTGCAGCGGGGACATGATGTTCTT
CTTCAGGCGGAGGCTGGGGCTTCGGTGTAGGACGCTTCGAGGGTGGATGCGAGGGTGGGT
GCGAAGGCGGGTGTTGTGGAGGTGGAGAGTGATGCTCTGGATGTCCGTACGGATACATGT
GCGGTGGCATGCCACCATAGGGCGAAGCACCGTATGGTGGGTAGTAGCCCATTGGTGAAT
AAGGCATCATGTCTGCTTGGGGCGCCGCCGGCATGGACTTACGATGACCCCTACGTGATT
GACGCGGATCTTGGTGGCGTGGGTCTTGATGGCGCGGGTCCTGGTAATCGGGAAAGTAAC
CGCCGCGTGGATCGCCAGCCGAAGGAGGACCTTGAGTAAAAGGATTCTGGCCGTTAGGGG
CAAAGGGGTTCTGAGCATAGGCCGAGTGTGCCTCTTGACCGAAGGGCACCAGCTGACCCG
GGGGCGATTGTGCGCCGCCCGGGAAGCCGCCGTAGGGGTAGCGTGGATCCGACATCAAGC
TGGGCGCATAGCCGTTGGGAGCATGTTGGGGTATGTGGCCCCAGCCAGCACTGGGATGGC
CGGGAGGATGGCCAGGGTGGGGCGGGGCTCCGTATGGGTAGTCGTCGTCCTCGACCTCGA
GAGCGTCCTGATGGACGGATTGGGGCCTTGGCCGCCTCGACCTGCGTGTGCGCTCCAGTT
TGCTGCGGCTGCGGCTACGACTTTGGCTCTCGTGGCGCGAGGGAGGATCTGGGACGGGCG
CTGCGTGACGCGAAGAGGCTCGATCTCGGTGCGAGGCCTTTGTGCGTGGTCCACGTGGAG
GGGCTATAGCAGGTGGGGGAATAACGTGGCGTGCAACAGCGTGATGCGAGACAGCGTGCC
GCTGCGCCGAGTGGTGCTTGCTGACGACTTGTGGACGCGAGGCCGAGTCGGAGGGGTTGA
TTTCGTCCTCTATGTAGTCCCACGAGCCTTCCTCGTCGTCGTCTTCGTCTTCCTCGTCGT
CGTCGTCGTCTTCCTCGCCCTCTTCGTCTTCTTCGTCGTCTTCCTCGTCGGTCGCCTCCG
AGGTGGTGTATTCGTCCTCGCTGGCGGAGACTACCTGGATGCCGGCCGAGTCCTCGTCGG
TAAAGTCGTCGTCGTCTTCGAAGGCGCCCGTGTGGTTATTGACTGTGATTCCCTTCCGGA
GTCTGATGGCCACGTTAGTGTCGCCCTTGACATGATAGCGGCGCTGGGGAGGAGAAATGG
ACACGCTCGACGGCGCGGTGCTGTGTGTTGCGCGCGACTTTACAGCGGAGCGCCGCGACG
ACGCAGCATGGGGCATGGCGCGACGTTGGGGGAGATGGGCTATGACTAACGGCATGAGTC
TGGTGGTGCTGACGGAACCGCACTCGAGCCTCCTTCTGCTAGAGAATGGCCGAGTCCAGG
GTTCCGAGGTGCGCGAGCAAGGTGCGGTGCGGTGTGGGCGAAGGGAGGATTGGAGGTGGA
GCACAGGTGCGGGCGCGAGAAGATGTTAGGAGAACGCGGGGCAGGGCAGGAGATGGGTTG
CTGTCCAAGGTTGCCTAAGCACAAAAACGGTACGCTATAACCAGTGGCGTATGGGTAAAC
AACAACAATCTCAAAATCCACGGCAGACTGTGGTCAGGCGGGACAGTCGGGCGACGTCTT
GGGGAGGGCAGGAGAGCAGAAAAAGCGTCAACCCTGGCTGCCGAAACGGTTTGGTTCTAA
CTAGGCGGCTGTGTCGTGTCGTGCTTCGGTCTTGTCTCTAACGTCAAATCGATATAGTAG
GAATTCGTGTTTCAAGGCCGGCGCCCAACCCTCCAGTCCAGACAATAGTGCGCAGAAAAC
GATTGTGCTGGCTCGGACATAGTCTGGCTGAAGCAATAGTAGATATGCTTGATGATGACG
ACAGCGATGTAATGTCTGCGATGTGATGTGGAAGCCGCTCTACTATACTCCATCTACAGT
GCCCGTTGCCATTGCTATTAAATTCACCTCATCATCCTGCAGCAGTACTGCCATCGCTGG
GAGTCATGCTACCTTTGTCTAGCCGGCTACGTGGTTCCAACTCAGCGGCCTCACTGACCG
CTTAGCAGCCCAAACGATGCGGCTCATGCAGCCCAACGAGGGCATAGTCGGGTGTCTGAC
ACGTGTAGTCATGAGGAGCGACGACTGTTTGCTTATTCGACAACAACGTCACCGTCGACA
GAGCATGTCTGTGGAACAAGCTGCCTCTAACGTGTTTCAGAGCGCTCACGTACCAAGACA
GCGTGCTGTATAAACCACGTCCAGTATACGCCCATCCATCGTTCCAATACAGAACTGGAA
CAACGAACAAAGCCAACGTATGGAGCGGGTTCTCGACATCGGCCGGTGCGTGCCGTTCGC
CTATCTTAGCTGCATACTGGACCCACGTCGTTCGAGGAAAGAACGTAAACCTTTTTCGCC
TACAACAACACGCGATATGGGTCGTGGACAGGTAGACAGATCGCCTAGAAGCCTGGAATG
CCGGCCTGACTGTTCAGTCGCTGTGTCTGTGGTACTGCAAACTACAGGAATATTATTGTC
TTCACAGCAGTTTAATATCCTCCTTGCCCTGAAGCTACACACTATTACTTTTTCGCAAAA
CTGTATCACAAAATACTATGTATACTTCCAGGACTGAATTCGCTCTCGATTCCAACACCA
AAAGACCTTAGCGTGTTCCGGGAGGTATTCGCATAATACCTCTGCCTTTGACGATAACGT
ATCATTGCATAGACATTCGCAGTTGATGTCGAACAAGCAGTAGGCCCATGTGTGTATCTG
TGGTCATCTTACCCATCTCCTTTGTATCTTCGAGCCACGCGCTATTCAAACGCAACGACA

AGATCATGGGAGCAAGGTGCCTAACAAGAAACACAAACACGATTCCAGAAGGCACTACGC
GCATACAAACCACATGTGAGCTGGGCGGGAGGAAATCATCTCGGATGAGAAGCCGACAGC
AAGGTTCGGCACCAAATGCGTGATCGAATTGGTATCTAGTATGCATCCACAAACGCCTGA
CAATGCAAGATGCTTTTCGCTTATGCTTCCTCCTCTTCATCTTCCTCGTCTTCGTCTGCC
GTACCATTGGTCAAGCCTTTTCTAGGCACCTCGAAGACATAAATGCCGTTTTTGACCTTC
CCAGACATCCATCGAGCCAGCCTGGGCTCTTTGCCTACGGCGGCTACGATGCAGAGCCCA
TCCTTGCCTCTATCTCCCCTCTCTTGTACCGCAAGGCCGTTGACGATACCTCGTATAAGG
ATAGCACCGTCCTTGGCGTCGCCATTAACCATAGACTCGTCCTCCACCGTCGGTACGCGC
CCTACTTTGCCCACTGGCTCAATGCTTTTCTTGTCCGCTGTAATCTTCCACGCGCGTATC
CAGCCGTCCCAGCTTGCTGTAAGAATGAGATCGGCAAAAGGAACAGTAGCAAGCGCAGTC
ACGTATCGCGGAAGCCGGGGACCGGGCTTTACTGATGTTGCGGCGTCGTCGTTGGCGGAC
ATTTGCTCGGGCGAGAGCGGTGGATCACGGCCGTGAGTGAGTGGGTATGTGAAGAGAGGC
TTTTTCCGGTTGACAGACCATAGCGACAGTGCACCATTGTCAGATGCTGTAACGAACAAG
CCGGCGTCGAGAAGACCAACGCAGTCGATGGAGCCCTCAGCATATGCGATGGGCGGGTCA
TCGTCATTGTCGGACGTTCCACCGTTGGCCTGTTCATCCTGTTTTTCGTCTCCATCAACA
TTTTTTCCGAATCGACCTTTGCGCAACTTGTCCAGGCCCTTTTGTCTAGCCGTACCGCCT
CCATGGAACACGAGCTGGTTTTCCTCGACGACTCTCCACAAGCGAGCGGTGCGATCTCTT
GCGCCTACACTGACACAAGTCTCCTGATTGAGCTCCAGCCCGCCTGCTACACCAATGACA
GCGTCCTGATGTCCGACAAGCGTCTCAATATATGCTGATTCCGGCGCGCTCCAGACAATG
ACAGCTCGGTCCGCACCGCCAGAGAAGAGTTGTTCGGTGCCCCTTCGGAAGGACAGAGAG
AGGACGGCGTCTCGATGGCGAGTGAAGAGGTGACGGGGTGTAAGAGTGTCGGCGTCCCAG
ATGATCAGGCGAGCATGCTTGTCGCCAGTGGCCAGGTACTTTCCCGAGTCGGAGACAGCA
ATAGATACGATCTCGCCCGTGTGGCCCAGGAAGGCGCGGTCGCCTTTTTGTTCTTGTTCC
CTTTCCGCCAGAGGAGCCTCTTTGGTGTGGTGCGCGGCGTCAAGTTGGACGGTCGGCTGG
GGTCAGGCGCATACGACTTTGGGTCAGCGATTTCCCACTTCTCGACGACAAGATCTTTGC
TGATGGTCCAGGCATACGGCAGCTTGACGGCACATCCTGTTGTAGCTTTTTGCAGCCCCG
AGTAGCCGGTGGCATGCGATGCATGCTCAAAGTCAAGCTCGGTGGCAATTGACCTGTAGA
TCTTGCCCTTTCCCTCTGCGACGTCTTCTTTTAGTCGCTCAGCGATGAGGTCTTTGTCAA
TCTGCTCGGCGTCGAAGCCCACTTCCTCCTCGACTTCGTTGCGAATGTTCTCGAGGTAGC
GCTCTGCCAACCTGAGACGCTTTTCCGCCGCAGTCTCGTTCTCATCTTCAGAGGTGGTGG
AGCCGCCGTCTGCGTCGTCTTCGTCGTCGTCGAAGGTGGGTGCGCCGTCGCCGTCGGATT
CGTCGCTGCCACTGATGGACTCTTCTCGCTGGGAGCGACGAGCATGCGCGTCCGTGTTGC
GACGTTTGGGGGCGCTGGCTGCGACTTCGCCGCGCTTCCGTTTCCGTTGCGAGGCCGGCG
TGGTGAAGAAAGACGACGACATGGTTGTGGTTGCCGTTTGACCTGCGCGGAAGAGATCTG
TGTAGTAGGAATTGTCTTGGCTAGAAACTTTTTGCGGACCCTAACGCCAAGCAAGACCTC
CGTCATGCATGGGTTCGCGTCTTCCGACTGTACCGTGTTCACATGTGAGGATCGCCAACT
CGACACGACATGCGCTGCATTCGGCGCCGCTCGACACGCCAATTTGTCTTCTCGCAGTGA
TTTCTGCATTGCACTGCATCGCATTGCACCGCACGTACAATTGGCAGAGCGGTTCGCTAA
CAGACACAGCGCAAACACCGCTGCCAACCCTCGGCCACTGTCGCCTCATATGACTTGAAT
GTGCGTGCATCCACGATAAACTCTTGACCATTGTGCCGCGCGACTTCCCTGTAGTCGTGC
AGGCACAAGCAACAGAGCAAAGGTCATGATGGCGCAAGAGACGGCACCGCCAGACTCGCC
CTTGGATGCGTTTGCGCCTGCGCCCGACGACATCGAACAACTCGACCAATTCCGCCGTTC
GCCCCACCCGTACTTGCATCATAGAGATCAGCTACGGAGACGGTCGCCAGATCCGGCGCA
CGACGTTTCTCTGCACTCGCAATCGCAATCGCAAACCCCGCCTCGGCCCCTAGACAAGAC
CATGAGGAAAACGCCGTCACAATCACCAAGTGAAAGCGGCACCGAGGCCGACGACGAGGG
CTGCAGCCTTGTCAAGGCACTGCCTGCTCCTCCCTTGCGACCGCACAAGGGCCTCCGTGA
GTCCCAGGCATTGGGCACAGAGGCGTGGGCGAGCCCCCTCCTCACCCCCACACAGATTGA
CGATGAGGGGAGGAAGCTCTCCGAGGGCTACTTCGCTCGCAACAACAAGACGAGACGCAA
GGGAGACGTATACCATAGCGACGACGAAGCGAGGGCGGCCAGGCAGAGATACCTCCAGCG
GCGGCGCAACGAGCTGGTCAGGAGAACGACCGAGACTGCATTGCTTGCGGGCATTGCCGT
CCTGGCTGTCCGTGGTTGCGACTGCTGGACCAAACTGCTGGCATGGCATAGAGGTCAGTC
CGCATCCCTTGCCTGCGCCAAAGTATGCTGACCTGTGTCTAGTAGAGCTGTTGACACACT
GTTCTGTCATGGCTGGCGTTTTGGGGCTATATCCGCTTCGGCTTCTGTACTACTCATGGA
GAAATCACTCTCAACTCCGGCTTGGCCGTCAAATACATCTACCAGCCGCCTTCGATCCGG
CCACTATCCTCTACCCCCCAATATTGCCCGTCCTGATTGCGATCTCCCTGTTTGCCTCAT
CGTCAAAGCCCCTTCTACCCAACATGTTGCTTGGACTAGCCGCTTTACCAGCCAGGCTTG
TTCCTTTCAGAAGCGCTACCTTGGGCTACTCTCCTCTGCACTGGCTGATATCCATCATGC
CCCTGATCGTTTCAGAGAACACCGATATACCCTCTCGGCTGTTTGCACAGACACCATACA
AGCTCAAGTTACCCCCGCCTAACCAAGGTGTAGACCCAGAACTTCTGGTGATGTTATTCC
CCTTGCATCAGGCGCTACTACCGCCCTTGTACTATCTCACCACGACGAGCCTTTTGCCAG
CCGAGTTGCATTTGCTTTCCATTGGGCTCATCAACCTCCTCTTATTCTCGGAAACTCCTC
AAGCAACCATACTCACTGTCTTGCTGTGGCTAGGCGGGCTGGGTGTTTTCTTGCTTTGCG
GCAGGATCTTGAAGTGGGGTGTTGCACTTGCACGCATTCCGCGATGGAGGCTTCGGCGTG
CTGGCCAAGTCATCCGAGCTCGACAGAATTTCTTGCAGGTCCTGAACCACAGCCTGGGTT
CCAGGCGCGGCGGGAGTGGTTCGGTGAGAAATGCGAGTGATAGTGATGCGGATGAAGAAG
ATCCTGCATTTGAAAATGCTCTCCACAAGACTAAGAGTCTGAAAGTCAACATTCTAGATT
CTGCGAAACACAGCAGACTTCGCATGGACGGCGATGAGCCACGATCCGCGGTTGAAGCGA
CAAATACGGGCTTTCAGCAATCGAATGGTGGCGAAAGAGCCAACCATAGCAGCGGACGCA

GGCGAAGGAACACCCTTCCAGTTCTCGTCGCTGAAGACCATACATCAAAGCATCAGTACT
CGAGTCGAAAACGATCGAGATCAATTGTGCAGTCCTACCTGTCGCTCACACCGACCGAGG
CCACCATGAGGAAGTGGTTGTACGCAGGATACTTCTATGCGATTGTAGTCGCGCTAATAC
TTGGACCAATTCGGTATACTATCGGCGAACATGCTCTCCACCACAACGAACCGTTTGGAT
GGGCCATCAGCTACCTCTTCGGCAATGTACCACGCGTGCGATGGGAGGTGTTCCAGTGGA
ATTTGGACTGGTGGGTCCCACTACCGACGAGACTGGATTCTGACGACATGCTCGAATCCG
CACAACATCTATCACCTGCGGAGTATGTGCGTTTCTTAGTGGTAGGCGAAGCAAACACAC
GTCTCTTGCTGTGCTTGTACTGTGCCGGAACTATCATTGCCGGCCTTGTTGCAGTCTTCT
CACTTTCCGCGGTTGTAGAAGTCGATACGCGCAGAAAGGTGTTCCATGGCACCATGGTCG
CGATGCTTCTTCCGACCATCTTCATCGATCCTTGTTTTGTCGCACTAGCCCTTGCGTTGG
TGCTTGCGATATTTCTCCTTCTGGATCTGATTCGTGCCTCGCAACTGCCACCACTGTCGA
AACCCATTGCTAGGTTCCTCACGCCGTACGTAGACGGTCGTGATCTCCGGGGTCCAGTAG
TAGTATCACACATCTTTCTCCTCATAGGCTGCGCAATACCGCTTTGGCTATCGCTCGCAG
GTATAGAACGGGCTGGCGATGAGCCATGGCAAGGGTGGGATGTCAAGGATAGGGATGTGA
GTATGGTGGCAGGGGTGGTTTGTGTTGGCATGGGCGACGCCGCGGCATCTCTCATCGGCC
GTCGCTACGGACGGCGGAAGTGGCCATGGGCCGGCGGCAAGTCACTCGAGGGCTCCCTAG
CATTTGCATTTGCAGTGTCGATAGGGCTCGTTGTGAGTAGAGTCTGGCTTGACGTTGGGT
GGGACAGTGGCCAGGCAGGGCAGAAGACAACGAGCGAGTGGGTACAAGACGCACTGCTCA
TGGTCGGCAAGGCAGGTCTATGTGCGGCGGGGGCGAGCCTCAACGAGGCGGTGCTCACAG
GCGGAAACGACAATGTGATAGTGCCAGTCATACTATGGGCTCTTGTGAGGGGTGTCAGGC
TGTAGGCAACGGACTCAGCCGCATCAGGCGGGATGCAGGTACGCAATAGATAGCCTGGTA
TACTAAAACACCATGCACATGGCCATTTGCGCAGGGGAGCATGACTTGCATCTACAGCCT
CGAGACAATTACGTCAGAGTTGGGCGAGACGAAGTAGTGCTGGTGGAGGTCACGTCGGCG
GGCAAATGAGGGGCTATGGGTCAGCGATATGCCCCATACTCTACGCTCTGCAACTTATCC
ATGGCAGCCACGGACCATGACAAGCAAATCCGTCGAACCCGATGAGCGTGTCCAGGAGGC
TATTGCAAGGAGATTGAACAGAGTTTGGTCGACGTTGTCCTAGTTGCAGTAGGATAGTTG
TAAGGTAGGTTCTGAGGTTCCAAGCTAGCGGCGAGCACGCGTTATCGGCACGTGCGGCCA
TAGACGTCCCGCGCGCCTCAGACTACCGCCTACTGACCACTACCTACTATCCCGCTGCAT
GCTTTCGCTCTCCTAATCTCTTAACCCTCTCCGCCGCTCTGCTTTCTTGTATCCAATCTC
ACGTATTCCTCGCTCATCTGCCCATCGCGCCCGCATACTCGTTGCCGCCACCGTCGCGTT
CACCACCACGACCATCCCTCAGCGCTATCGATAGCCCGACCACGACGATAGCTCATGTCC
AACGCCCTCACGGCCACGCTATACCCACATCTTCGCTGGTAGCTGACGACTGGCTACATA
GACACCAGCAGCCTCATCCGGGCCCCGGCTGCTCAGCCAGCGCCGCCTACCATGGCCTCA
CCCCCAAACCCGCACGCCCCACGGCGGTCGGGTGCATCGCCGTCGACGTCGTCACCCGCT
GCCACAGGCTCGGAGCAGATTATCGGCAAGTTCAAGCGCTTGCATCACATTGGCAAAGGC
AGCTTCGCCGAAGTCTATCGTGGCATCCACATTGTACGTTGCTGCCCTCACTCTCAAGCA
TGCATCGAGTGCTAACTGCGTCCTTGTACAGGAGAAACGGCAGTCGGTCGCCATCAAGTC
GGTCAACATGAACAAGCTGAACAAGAAGCTCAAAGACAACCTCGTCTCGGAAATCACCAT
CTTGCGCAGTCTGCACCACCCACACATCGTGTCGCTCATCGACTGCCACGAGACGCCATC
GCGCATGCACATTATCATGGAGTTTTGTGAACTCGGCGACCTGTCAGCCTTCATCAAGAA
GCGCTCCGATCTCGTGAACCACCCGCAAACCCAGCGCATGATAGAAAAGTACCCCAACCC
AGCCGTGGGCGGCCTCCACGAGGTCGTCGTACGCCACTTTGCCAAGCAGATGGCCAGCGC
TCTCGAGTTTCTGCGATCCAAGAACTACATCCATCGTGATCTGAAGCCCCAGAATCTGCT
TCTCAATCCATCGTCCATATTCTACTCTCAGAGTGGAACTCTGGAACGCATGCCTCTGGC
CGCCAGCGCAAACTCCTTGATACCCGCCACTGGCATTGCCTCGTTGCCCATGCTCAAGAT
TGCTGATTTCGGCTTCGCTAGGATTCTGCCAACTACCTCACTGGCCGAAACCCTCTGCGG
CTCTCCCCTCTACATGGCACCAGAGATTCTGCGATATGAAAAGTACGATGCAAAGGCTGA
TCTGTGGTCCGTGGGAACCGTTCTCTTCGAAATGATGTGTGCTCGGCCACCATTTAGGGC
CAACAACCACGTAGAATTGCTACGCAAAATCGAAGAGCGCAAGGATCAGGTCCGATTCCC
AGAAGGTCTCGTCAGCAGCAGGGCCATGAAGACTCTCATTCGCGCACTCCTGAAGCGTAA
GCCAACTGAGCGCATGTCTTATGAACATTTCTTCTCAGACCCGGTCATCCGTGATGAAAT
TCCAGACATGGTGGACGAAGACCTTCCTGGCTCCATGCAAGCTTCTGAGCGTATGCAAAC
CTCTGTACTAGAACCACCAATCGAGCCACCTAGGCGACTACAGAAAGCGCCTGTTGAAAT
GGATCCAAGGGCTGCTGATAATCCATACTCGCCATTGCCCAGAGACAGGACGATAGCCCC
TGGCACAACGCCGCCTTCACGGCCCAGCTCTAGACCCGTTTCCGGTAACTTCTCTAGCAC
TCCACCGCAACACCTTTCTGCACGAAGGGCCAACAATGCCCCGGCCGATCCTAGCGACGA
ACGTAGGTCGACTCGCGAACACCGCCGACCCACTCTTACCAACGCGGCAACCGCACCAGG
ACGTACCGCTACACTGCAGGATCAGACCGCCGCACCCACTACCATCGGCCATAGGCGCAA
ATATTCTCGCGATGAGCAAGCATCGACACCTACCGGCCTCAAGGAGCACTTTGACCGCGA
GCGGATCCCACAGAGAGCGGAAGCCAATGTACTGAAAGAAGCGGCAGAACGAGCTGCACA
AGACAACGCGCTTGACGAGGGATTTGTATTTGTAGAGAAGCGCCGTGTGGAAATCGACGC
ACTCGCAGACGAGATTGCCAATAGCCCGCAAACACAACGAGATCGTCTCGTTCACCGAGA
AGTTCCAATGAAGCGACGTTCGACAACACAAGGGTCCCCAACATCGATCACTGGCGCAGT
CCCTTCCAAGGCCATCCAGATCCAACAAAAGCCAACCATTACCCACCAACGCACGGCTTC
ATACAGTCGGAGACAGTATCGTCCAAGTTTCGAAACCGCTACTTCTGCCTTGTCCAAGGC
TATGAACATGGTCAACATTCGAGGGCTTGGTCTATCACCACCCGTCATGAAGGGCGTATC
TCCCCCACAGGGCTATTCTGCATTTCCTGCGTATCCAACTGCGCAAAGCAGTATGTTGCT
GGTCGGCGATGGAGGCAAAGTGGTGGGCAAGGACGAAGACACTAGTACGGTTAAAAGGAT

TGAAGATCTGGCGCAGCTCAGCCACGTTGTTTACGGCTTCGCAGAAGTCAAGTACAGCCA
GCTCGTCCCAGTTGCACCAAGCGACCCGGCTCTAGGTATCGGCTCCACTGGCGTTGCTCG
CAAGCCTAGTAGCGATGTAATTGACGACGAGGATGACGACGACGATGATCTGACGCCCGA
TACTGTTCTTATCATCTCTGAGGAAGCGTTGGTACTTTTGTGAAAACGTTGGCGATGCTG
AACAAGGCCATGGACTTGACCGGTAGTTACTGGAACCGAACTCGACGTAACAGCGGTCCT
GACGGTGCAAGCCGAACTAATGCAAAACTTGGCCAAGTAGTCTCTTGGATGCGCGACCGA
TTCAACGAGTGCTGCGTCAAATCTGAGATAGTTGCACGCAAACTCAAGCAGGCACAGCAG
CAGTTACCAGCAGACCATCCCAGTCATCCTCAGAATCAGTCAGCGGCATCTGGTTCTACG
ACTGCGGTTGGTTCTGCCGAGAATATTCTGCTTACAACTGGCGTCACGGCCGAAAAGCTG
CTATACGATCGATCCCTAGAAATGAGCCGCCAGGCAGCCATTGATGAGCTTACTGGACAC
AATCTGGCCGACTGTGATATTAATTACTGGACTGCTATCACAATGCTTCAAGCTGTCTTG
GAAGAAGAGGAAGATTCGCCCAACGACAAGGCAGATGCTGAGGAAATCAATGGTCTCGAT
GGTGAAGACCGACGCTCGATCCAGAAGCGTAAGTGCCGCTACAATGTCTTCCGAGGGATA
CACAGCTAACTGCTACAGTTCTCGAACAGATGAGAAGCCGCCAAAGAGCGCTGAAGAAAA
AGCTTGATGTACTCAGGGCTCAAAAGCGCACCTCCATCACCAGTGCGCCCGCACCACACT
CCGTCGGTCGCAGCTCGCCTTCTCAGGGTGTCGCAAAGTAGTTGCGCAGAGCACAGAGTG
CTACACGTTTGCACACAACTTTACATTTACTGGCGTCTAGGAACAGGATGGTCTGCACGC
CACTCTGGTTTGCTTTTATAGGTTTGATTTAGCTTTCTTTCTGTCTGGTTGGGGACAATG
GCGCCTCATGGAGGGCTTCGGCGTACTCGCATGCATTCGCATATGATACCAGGAACTTGG
GTAGCGATGATGTGCAGTTCCATTTCACTGTCGGGCGTTGTTTGAATTATATAGCGGGTC
TGGGTTCAGGGCGCACGGCTTTGGCGGCGTTTCATCGTGTCACAGAATGATGTCTTGGGT
CGTCTTGAGGAGCAGTTGTTGCGTTCATCTTAGACCGGCCCATAAGGCAAACGAACACGT
ATCGAACCCTAAGCAGTATTATCGATAGGAGAAGAATGAATATGGATTAATGTATCAAAT
CTGTCAAGCAAGTTGGTCATTTGGTTCAATCCCATTACACTTGCATTCCTTCATGTGCGA
TTAGGTATCAAAGCTAACCAGTGGGTGGGTCTGTACAATTCCCCCATTTTGAAAGCAATA
CAGCAACTGCTTCTCGTGCTCAGCCATCATGTTGATAGTCCCATCACCCGCGATTTCAAG
AGATGGAGACACTGATAATCTTGATATCCTCCTCCGGCTTCTCCTTGTACACCTTGGTGT
TCTCGATCTTGTGAATAACGTCCATACCTGCAATCGCCCTTCCAAAGATGGTGTGTTTGT
TGTCGAGCCAGGGCTACACATAATTCACAGTCAGCGTGTCGCCTCATTGTTGGGTGATTG
ATGGTGAGAGAGAGAGAGTGAGAGAGAGAGAGAGAGAGAGAGAGAAGAGAG

>ALGCTG00140|contig:Illumina.Velvet.1:ALGCTG00140|1:199364:1|Alternaria
longipes_bmp0313
TTAGGTGGGGTGCGCAGCTTACTGGGGTGCGCAGCTTACTAGTGGAACACAGTAGTCAAG
AAGCTATAGCTCCGCGCTAGTTCTCTGATAGGCTCAGGAGTTCTCGGGACATTTTTGCGG
GGCGTCTGATTCATGAGACAATACGTTGGGATCATTGATCCACCGACAGCACCTGCCACG
CCCATCATCGCACGTCATAGTTACGATCTATCATTCACCATGTCCGCTCCGGGTGCCGAG
TGGATAAGCGATAGGTCTCGCGATAACTCTCCAGAAGCTCTCAACTCCACAGAAGGTCAA
GATGGCGCGTCTCAGCGACGCACCAGCAAAAAGCGCAAAGTGTTGTCGTGCTACGCGTGT
CGCAACCGCAAGATGAAGTGTGATCGCGTGTTTCCAGTGTGTGGCCGATGCCAAAAGACT
GGCAGAGGTCACGAGTGTACATACGATCCTCGGCTGCTTGAAGAGTCCCACTCTGACGCG
GGCGCTGCATCGATTGCCCTCGCCGAGCGGCCAGCTGATAGCAACCCTTCCTCGGACTCA
CCAGATGCATTGCAATGGAAGCTCAGGACCCAAGAGAGACGGATCGCGATGTTGGAGCAC
AAGCTTGCCACAAGGGACGACACCAGAAACCCCTCGCGATTCGAGGCCGTTGTCCCTGAC
GAGCCCGAGATCAAAGAAGAAATCATGTTCAGAGGCAAAGGTTTCAAATCTCACTTCAAT
GGCGCAACAAGCATTATGAGCATGATATCTATGGTATATTTCACAAGCCCAGACCCTGAT
GCCCGTGTACCAACGGCTGACCATCATCAAGAATTACGAGCTGCAGGCATTTACACGGGA
AGCCTTGACTATTGACCACTCTATTATGCGCGTCAAAACTGACTTCAAAGACTTCCGCGA
CCAGAGGAAAAAGTCCGCAAAGGCCAAGACCGCCAGGTATTCCGACATCGACCTGGAAGT
CTTCGCTGTCCTCCCTACGAAGAGTACGGTCGATGCACAAGTCGCTCTCTATTTCCAGAC
CTGGGAAACGAGCTACAGGATTCTACACGAGCCATCTTTCTGGAAAGAGTACCGCATATT
CTGGGAATCAGATCAAGACAAAAAGAGCTCAGTCAGCTTTGCCGCCTTACTTCTCTTGCT
TGTTGCAATCTCAAAGTGTCTCACCCCAAAAGATGACGTCTTCATTGGCGACACGACTGC
AGACCGGCAAGCAGCCCTTGAACTCATCGATATATGTGATGCCTGGATCGGCGAGCAGCC
CCGCAAGCGGGTCACTTTGTCTTTCTTCCAATTACATTGCTTGTCGCTGCTTGCTAAGCG
TGTCAATTGTGTCCGACTGAAGCAAGACTGGATAGCATCGGGAGATTTACTTCGACTCTC
CATTACATCCGGTATGCATCGTGATCCGTGTCTGGTCGGGCATGGGAAAATCTCACCTTT
CGATGAGCAAATGAAGAAGCGACTGTGGGTCACTGTCATGGAATTAGAGCTTCAATCTTC
CATCGAGAGCGGGTTTCAATCTGGACTTACCGGACTGTACTTCGATACTCCTGCGCCTGC
GAATCTTGCCGATGAAGCTTTCTCACCAGACACGCAACACATGCCATTGGGTCAGCCCAC
TGAATACTTCACGTCAGCATCATACCTTGCAATGACTCTAAAATCACTTCCACTTCGTGT
TCATCTCACGCAGCTGCTGAATACACCTTCTAGTGTCCTCCGTTACAGCGACGTACTGCA
CTACGATGCGCAGATCCGTTCTGCATTGGCGATCCTCCCCGTTTGGAATGACGATAGCGC
ACTTGTGCCTTCTACGCTTCTTCGTTTGCAACTTCGTCAGTATCTTTTGTTGCTACATAA
GCCGTACGCAAAACTGGCTCACACAAACGATCGCTATCTGCATTCTTTCACGACGTGCGT
GGATACCTGCAGCTCGTTATTGGCAATACACGATTGCCTGATATCGAGAGGTATCCTGGC
ACTTCACAACTTCCGGAACGATGTGATCAGGGTCGGTCTGGCACTTTCTCAGATCGTATA
CCACAATTGTGCTCGTCGAAAGGTCAAATCGTTCACGTCCTATACCGCAGAGGCTGAAAC

TCAGGATGTAGACCATCATACACATTTTGCGGATCTTACTCTTCCAAATCGTTCAGTTGG
CCCGGACTCACGAATGGACTTGGACCTCGCGATACTGCCACAGGATCCTTTTCTTGCAAG
AACACTGTGCACATCTTCAATCGATATCCTGGAACGTACGAGGCAGATCTTCGAAGTCAA
AGTCTTTCGACTTGGTACGGGATATATGGAGTGCTGGCTGTACGTACCATCGCAGAGGAT
TCATATGAGACATTTGCTAATCCTTTTGGCCCTATCCGTATAGTATGTCTGCTGCAGTAG
GCATGCTGCCCCCTCCTCCTTCGCCTGCCACTTCCATAGCATACATCAACAACGCAAGCG
ATGACATACTCTCGAGATGCCGAAAAACTCTAGACTTATTCACCACGTTGGCTTTCAGGG
TGCTAGCTCTACAGCAAGACCCCACTAATAGTTTAGCCTCTTCTCTTCGCTCTACTATGA
GTACCACAAGAGAAGCCGGATCTACGATTGGGAATGCCGAAAGTGCGGCTCCCACCTCGC
TGGACAGGCTGGACATGAACCTTAATCTTGCCGATGGTGCTAAAGACATGAACGGGACCT
TTGATGTGCTGCAGGATATGCAGGTCGATATGAGTGGCTGGTCATTCCCTGACTTCTGGG
CGTTCGATCTCGGTGGTGACTTCTAACATAATTATACAGCGGAGACTATGTATGCACGCA
TAATCCCAATTACGTATAGTCCTGATAATGCGAGCGAGAAGGGAACAATCTGATGATATA
GAAGCCACTTTCAAGGATGACTAGCAATTGGCCAGAGCCAGAGCGCCTTGACGACGTGAT
TGCGTATGCGGTATGATTCCCTCGATTCTTAGGACTCTCGTATGGCTGACTGGACGGGAG
TGTTGCAGGAAATATATGTTTTTCGGCAAAGGTCCATCAAGGCAACTAGTATCTAAAGCA
TGCAGAGCTAACACGCAGCAACAACATGGGGAGACTACGCGTCAAGAGGACATTTTGTAT
TCCATTACACTAGGCTATCTGGAACAGATGAGAACTTTGAGTGAAGTATGAAAATTAAGT
GAGACGAGTCCTATAACAGCGGAGCTTCCGATGATTAGAATTGGTATCGAAGTTAGTGGA
AGTTTAATTCAGTCTGACTCCTTTCGAAAAGGGTAATTAGGAATTCTCAAACTTTCAATC
AAGTCATTAGTCAGTTGTACATTCCGACTATGTAGATGCTATGGTATAATCGAGACGCAT
GCTGCAGATCAACGTCCTGGTATTTAGGGTTTGCTGTGACCTTTTTCTTTCCAAGAGCTT
CTGCAACACCCTCGAATTGTTTGTTCTTTCCATGTTGCTCAGGCAGATGAACTTACCCGT
CGCCTAGGCGCGATGTACTTTGAAGCGGACGTTGGCTCATGGCCTGCGCAAGATGAAAAC
GGACCCTGAACGTTCGAATAAGATATCTTCTACTTTGGGTCCACTTCTTGGTGGTTTCGG
TGGCCAAAGGATGATATTGGGAAGTTCTGGTTCGGGGAATATCTCGAGAGGTATATACCA
GGCCGGCGGCTTTTGGATCACTCTATTCTTTTTCTTGCGCCGATCGGGTTTTGGCACCAG
ACGTGGCACAAGGTCGTCGGCTAATGCTCCTGGCATTTTCTGTCGATGATCCTTCCCTAT
CAAACCTTTCAGTAATTTCATGTTCCAACGTGATCGGTGACAACAGAATATCCAGGTTCA
GAGAGGAAAACGCCAGACGAAGCATTTTAATGCCGACCAGAGTCGCAGTATGTGGCAACA
ATGTAATTTATGGGCGAGGCACAACGTTGTATGTTCGGGCAACTTCACAATGTGGACGTA
TAATATGGAACACTTAGTCGGCCGTACTCCCTTAAAGACAACCATTCTTAGTCAAAGCAT
GTCTCGTATATCTTTGCTGAATACGTTGAATCCCTATACTGACAAGGGCAATACGGGAAC
GAGAATGAAACGTGTGAGCTGCTTGGACCCAAGTATCGATTGCATCGCATTTCTGACTGG
AAAGCATGAAAACTATCTGTCACGCACATAACACACTACAAATCACAGCCATTTGATTCA
AACTTCTATCATCGATCTCAATCATTTATGCACACCTGTTTGATTGTGTGCGTTCTTCAG
TCCGGTACAATCAGTGCAGTTGGTGCAACTATAACTGTCAGCCTTCTCTGCGCCATTCCA
ATCCCTGGTCTCACTGAGCAGGCGCATATGATGCTACGTACTTTATGCAGTCGGTACAGT
CAGTACAATTGCGACATTCCTCACAATTATCGCAGCCGGTGCAATTCTGGCAGTAACTGC
TACTTTCGCAATCCGTGCAATTCTGACAGTATGTAGAGTCTTTACAACGCGTACAATTAC
GACATCCAGTACAGTCTGTACGCAAATTAGTCCGCGGTCGTAGGAGGTGTTTGATAGCAG
GAAGTGGTCAAGGTGACCGAAGAGACAGATGATTTCCAAGAAGGTGGCATGGAAAGGCCC
ATACTTTTGCAACCGATACAATTGTGGCACGACGTGTCCTTGCTACAATCGATACAGTTC
TTACAATATGAGCAGTCTGAGTAGATAAGCCAAAATCGAATCCCAAGATGTACTGATCAT
GAGGGCAAGAGTAGGTTGATCACGCCATAACGTGCGGCGTATGGAGAGTGGGATCATAGA
ATTATGGAAACACCATTGCCGAGGGCGTACCTTTGCAATCTGTACAGTTTCGGCCTACAA
TCGTTGATTTGGAGTTAGACTTGAAGTTTTTCGAAGCATGCTACAAACTTACAGTCCTTG
CAGCCAGTGCAGTTGGTGTTATTATGATTACCGTCGCCAGAACCTGAGGAAGGTACTGCG
CGGAGTGACGATTCACCACAACCCATGTTGAACGTACTTTCTGGGCTTACAATGAGAGAA
TAAGAGTTCGATAACACTAGGAAGTAGCTTTAGGAGCAAAATACGTATGGATATGCATAA
CTTGTTCCCCAGTTTATAGGTGAGGAGACGTGACGGGAAGGGCATGCAGCCACGACGTCA
TTTCTGACATGCATAGGTATGATAAGCTTGAAAGGCCATCGGTACCGATAAGGTGCCCTT
CAACATCAACCTGATATATGATCTACAGATTGGAAACTTGTTAAGATCATTTGGGCCCTT
AGCGCCTGAACTAATTACATATTGTGGCTCGAAGGTACAACAGATATTCCTTTGGTGGCG
CATCTAGATGACGCCATTAGGCCCGCTGTCTATCGTTTTGAATCCTTCGAACAAAGATCG
CGGGAGTGCGGAGTATCTCAGGATCAGGCGTGTTTGTTACGAACTCCGATTTCGTCGACA
AGACCACTACAGTTAGAGCAACCAACACATGACCGACAACCATTGCATCTCGAGCAGTCC
ACCAAATCCGTAGAGTTAGTACAAAGACTAGAATTGACGCAATTAGTACAGTCCTCGAGC
CGACTGGAGTTGACGCAGTCTGTGGAGTTGGTGAGTCTACTTGAGTTAATGCAACCTGTT
GACCTTTCCATTCGACTGCACCCAACATTATTATCGTCCAAGCTTGGAGCTAGTCTTTCC
TGAGGCCCAGATGGAGGGGCAGACTGTTGCTGAGGTGGTATTACAGGACTTTGGTGAGGT
CGAGGCCTCCGAGGTATTTGTGCATCCTGATGGGATGATCGCGGCCAACGATTCTCAGGA
GGAGGATCTTCTGGCAGTCTCCGTGAACATGCTTCGATTGGACTCTGGTATCCATGATCT
TGGAGACCTGTAGGTGAGCCAGTAGCAGATGCTTGTGGAGGTTCATTTCGATGAAAAGGC
CGGACAAGAGGAGTCGAAGGTGCCGTAGACCGATAATCAGGCGCAGGGCTGTATGCTGGA
GGAGGTCCAAGCAATTCTGACGAGGCGTCGTTTGGAATGCTAGGACGACCTTGATGATCA
GGATAAAGCCCAGCAGGAGGTGGTGTGCCATCGACGCGAGCGCGCTTTCGGGCTGTGTGA
TATATCAGTCATGCGTCTTAGTTGCTACAATGGCCGTGAATTGAAATAACCGACACACAC

GTACAGTTTTGCTCAGCCATACCGTAAGCTGTGTCGTATAGCCTGGTTGGTCACTTGAGA
TAGCGGTAGTGGCAAGTCCGTCATAGATGAACATACAAAGGTCCTTCATTGAAGTACACA
CAAGCATAATCGGACAAACGCAAGTTATTGTGACACCAGACATCAACTTGCGCGTCAGCA
AACCCTGAGAAGATAATTCAAGCGAACCGAAGTAGATGGAATAGCTCTCGAAAGCCAGGA
ATAGGTTTTCAAGACGTCGTATGGAAACTGGTCTGTCGGTGTTGATCTTATCGTTCTCAA
ATCCTGTCCCGTGTCGAAACCTAAATTCCGATGCCCATTTATGTTTCGCTGCACCTCGAA
CAATGTACTTCTCATCGAGGGCCCATAAGGCTGTACGAGATATCATAGGCGAAGGACAGT
TGTGGCGTGGTCGCTACGGCTTCCCATTGTTGGAAAATCAAGTCACCCACTTCGTCTTTG
TACCTAGGTAGTTTAGCGGCAGTCTCGCAATTCGCTCCATGGGGCAATGATGTGATGTGG
CTGTTTCCTTATTTCCGTGACGTGCTCAACAAAATCAACCGTCACCCTTTGCAATCTCTG
CCCATCGCGACGTGCAATGCCGCTTCGAACCTGTCTCGTTCTTTATGCTTGCTTGTAATC
ACGAATAGCAAGTTACAATGACGGACCGAAGTGTCGACGCAGAAAAGCATGCAGACCGGG
AAGACCATCCCACCACAAAGACTGTAGATGATGTGCAGCGCACCCTACAGACATGGCCGA
GCGCGCACGACGTCGAGATACAAGAAGCCACATTGGACGTCGGAGCCGAAAATCAAGCAG
CGCAAAATCCGCAGGTTAAGTCACGTCAACCTGCTCTTACACGCATGCTCTCGCGCCGCT
CGGCAGCATCGCTTGATCCCGGTCCAGCTCCTGACGGTGGCCTTACAGCTTGGATCCAGG
TCCTCTGCACCCACCTGACAATTTTAACCACCTTTGGTTTCTTTACATCATTCGGCGTAT
ACCAAACGTACTACGAAAACACACTCGGAATCTCACCTTCGACGATATCATGGATTGGTT
CCCTCCAGGTCTTCCTGCTTTTCTTCCTTGGTACTTTTACAGGCCGTGCTACGGATGCTG
GGCTCTTCCGCCCAGTTTATATCGCTGGCGCATGCTTCCAGATACTTGGCATCTTCACGT
TGGCCGAGAGCAAAAGCGTGTGGCACGTCTTTCTCTCCCAGGGCGTGTGTCTAGGCATTG
CAAACGGGCTGCAGTTTTGCCCTTCGATGGCCCTGGTATCCACCTACTTTGTCAAGCGTC
GTGCCTTTGCGCTCGGCTTCACAGCGCTCGGATCCTGCACTGGCGGTGTCATCTTCCCAG
TTATTGTGCAACAATGTTTGCCTAGCTTAGGCTTCCCGTGGACTATACGTATCATTGGCT
TCATTATGCTGCTCATGAACGCTATTACCATTGCCTTGTATCGTACACGGCTCCCACCTA
GGAAGACTGGCCCGCTAGTGGATTGGGCAAGCTTCAAGGAATTACCTTATGCACTGTACT
GCGCTGGCGCCTTTTTCAGTTTCTGGGGCTTATATTTCGCTTTCTTCTACATTGGGAGTT
ACGCGCGGAATGTCCTTGGCGCCAGTTACCAGCAGAGTATCAACCTGCTTCTCGTGCAGG
TTTGCATGGGGTTTGTCTTTCGCCTACTACCTACGTATTATGCGGATAAGATTGGGGGCC
TCAACGTTCTCATACCTTTCGCTTTCATCTGTGGTGTCATGATGTTCGCATGGATTGGGA
TCAAGTCCATGGCTACCTTGTACGTATTTGCTGTCATATACGGAAGTGGAAGCGCCGTTA
TACAGGCACTTTGGCCGGCCGTGATCGGCAGTATGAGCCGTGAGAAGGACCTGAAAAAGT
CAGGTGTGAGGATGGGAATGGCTTTTACCGTCGTGAGCGTGTCAAGTTTCACAGGGCCAC
CGCTAGCTGGCGCCCTCATCCAAAGTCACAACGGTAGTTATACGTACGCAAATGTCTGGG
CAGGTATGTCGTTCATCGTTGGAGGCTGTCTACTACTGGCTACCAGGGTATCTCTGGTGG
GCTGGGACTGGAAGGCAAAAGTATAATGATAGTAGATCTAGTTAAGTTCTTTTTAGACTT
TCCGCTCTTTACTCTTTTCTTCTGTTCTTTTCCACCCAGGCTCTGAATCTGCTGCTGTCT
TTCTTCTTCCTATTTCCACAAGGTGATGTTGTTCACAGGAACGCCCCTTCCTGCCGAAAC
TAACACATGTGCTTCATACGATCTACAGGTCAGTAAGATTCTCAACCCTTGCCATCGTAG
AAAGACTTGTGTGCCACGTTCGAGAAAGTTATGCTTTGCTTATTGTTCTGGAAACCGTGC
TTGAACTATCAGCCCTTCTTGTCACCTAAAGTAGTGACCCTTGCTAGCAAACCAGGCTGT
TCTCTCTCCTTGGTCATTTTTGCATGCCAGTCCGCCTCAACCTTGGCTGAATTCTTCTTG
ACTCGCGCTGTGTTCCATCTCATATAATAGCAGCACAGTGGGAAAAGAACAGTATCTGCC
ATAACCCAAGCGAATAAAATGCCAAAGTTTAAGCTGACGCGCGGATGTAGATCGAACAAG
ATGGATCGTGTGAGCTCTACGACATTGTGCATAGGCCATCCATAGCCCCAGCGATAAAAG
CCTGGAGCTAGCTCAAGGGCGTAGAAGCCAGTTGCTACATTGCTGATAACCCAGAAAATC
AACCACAAGGCTGTCCAAGGAGTTCCCAGAAGCATAGCCATATTCTCACTGGCCAAACCA
AACGCGATCATACCGATCCAGTTGCCCATCCAATATACCAAGAAGGTGCCGCTGCCGTAT
GCGTTGGGATTATCGGCAGGTTGATCGTGGGCTGCTTTGGGCCGGTCCATAGGCATGAGA
AAGGCGAGGCTGACGAAAGAATAGACGAGTGAAAGTAGAAAGTAAGATGCGACAGTTGCA
ACGTAGCGCCATATGATGAGCTGGTAGAATTGCAGCGGTGGATGACCTCTAGGCGAGAGG
TACTTTAGATGAATGGGTAGAAAGAACGTAAAGCTGAAAAAGGAGATGATGACTAGATAT
CGTCGATTAAGTCAGCGTATGTTTCGAGTGTTGTTTTTACGAGGAAATCACTAACTTAAG
TAGATCAGGCCTATACTGACCGCGGGTGTCGCGATAGGTGGTCCAAAGGGACGCAGATCA
TAGACTGTGAACTCGATGCCCGGGGTAAGAGCTTGGGGCGAAACATCGACGTGCATGTCG
ATAACTGAAACGTTGTTCTTGAGGAGATGTGCGATCCACGCGCGACCGAAATCAGTCACG
ACACGCTTTTGGAGCGTGTTCATACTGGGTACGATATAAGTCGAGGACGTAGTCTGATCA
CGCGCAGAGTTATAAGTGATCTGGCAAGCGCCCAGCGGATCATAACTCGCGTTGCCCTGC
CTCACTGCAGCCTCAAGCATTGCTGTTGCATTGGGGTTGATCACGATGGCTGCCCAGGCG
TGGAAGTCGTAAACACTGTCTCGTACTTTGAGTGGATCGTTGTCGAAGTCCCAGGGTGGA
GCAAAAGTATAGCCCGGCACCACACCACCGTCATCAACGATGTTGCGAATGGCCTGAGTG
ACGAATGGACCGACGAAAGGTGTGATTTCTGTATAAGGCGGTTGACCGTCGAAGTCGACA
ACCCAGACGCTCAGGTTTGTAACATTCGCCTTCTGACGGAACAAAGCACCCCAAAAGAGA
CACAAGAAAATCATGATGGCGACGGCGAGGATCAGGTTGGTGCGGAGCCAGAGTTTGATC
ACGTGTAGTCTGACACCAGCCATGGACGAGTGGAAGAATCCAACAGGCTTCTGATCGAAT
TCGATTCGGCGGCTGCTCTTCGTGCGGTCACGCTGCAGTACCGTCGGCCTTACTAAAGCA
GAGTTGATAGCGTGGTTCGTCTCGCGCTCGAAGGGGGCGGCCTGCTGCTGTACGCGAGCG
GAGTCGGTTGTTGTGAGCACATGTTCTCCAATGTCTGACTCGCTGGACGAGCTGGAGTCA

TATCCGTGGTGATACTGCGGAGCAATCTGGCAACCAAGCATGGGATTAGACATTTTGAGC
GCCGTGAGGGTTTACAGACGACGCTTCAGTTGTTCTTAATATGTCCTGAGGCCGTGGCAG
TTAGTGCTGCTGAGGGTTGCTGACTGATCACTCTAAACTCACTAGTGTCTAAGTTTTGCC
CATGAACAATGCTTGGTCATCGCCAGGGCTGACTTGGCCACTGATATCTGTGCCAGATGG
TACGCTGGAATGACAAACGACTTACCAAAGGACTTGCTAAACAAAAGGGGGACTGGACTT
ATGGGAGGCGCCTCAGCTGTCGCATGAGCACCTACCTTCACCCAAGCATCCGCCTTCGCC
TAGGCATCTGCTGCTGCCTGAGCTTCTACCAAGCTGTTAGCACGAACGGCGAATTGCTAA
TGCAATGTCGCTCCTCATCTTGAGCCCCCAATGATCGCTCAGGTTGTCCCTCACGAAGCA
TTAGGATGTAAAGGTAAAAGGGTCAATAGACGTAGAGTAAATGAGAGTGGAGTAGAAATA
AAACTGAAGTGGAGTAGAAGGTAAGAGAGTCAAAGTTGTCTGCTTTTGGGTTCAAGTACG
AGGTGGGAGTGCTCAAGGATGAGAGAGATTCGCGAGGTAACGCAGACTCATGCGAGAGCG
TTTGTGAGGCGACGTACACTACATTGAGGTTACCATCCAACGATGTTCTGTCCCTGCTCA
ATTGCCTTTCAATTCATTACATTGAGCGTGTAGTAGAGATGGAAGTATTGCTCGAGTGGC
GGGTTATACGGGTTGCATTCCAAGGTTGGCTGACATAAGCCTTGTTGAACGGAGGGAAAC
AACTGGCCGCGGTTTCGCGACGCAATACGCGCCCCATGCCCACTGCGCAACGCTCGTTAT
GACGGACACCTATACATGTGGCAACCCTCGCATTTGCACAGTACCTAACCGTCGGTACTT
ACTGCTCTACGCATTTACAAAAAGGGGGTATGTTGGGTAGAGAACCCAGGGGTGGTCGCG
GCTTCCGACGCGGCAAAGGACTGGGTAGAGGCAAGACACATATAGTACGATACAGCCAAG
TCGCGGGAAACATCGCTAAGTTGTATCGCAGCGGGAGTGGGAATCATACACGCCTGGCGC
TGAAGTCTACGAACAGCTATGGCGCGTTCGCAAGGAGCCTGCAATTGTTACCGCACGGCT
TCCTGACGACTGCCCCATACCGAATGCGCAAACACGAATACTCTACCGTCGGCAGACCGA
GGATGCTATAAAGCGAGAGCGATACACTGTAGAGATAACACACATCAGCCAACCTGAAGA
CAGACATGATAGCATTGATCGCACGGAGGTTGAGGATGTGGACTTTACACGTATCATGCA
GTACGTGTCTCCGGCCGAACTGGAGCGCTATGAAACAGAGCAGTTCAGCCTCGAGGCAGA
GGCCGAGGCAGTCGCGTTACGCACAGAAGCTGAGGATCTAGCACGCCGGCAACTGCATAA
GAATACAAAGCTACCAAGCACCAACAGAGGAAGTCGTATGCTCAGTGGGCTGGAAGTTCC
TGTCAGTTTGCCCACAAGAGCTAGAGGTAGGCCCAGAAGAAGTCGTGGAAGAGGTAGCGG
AAGAACGAGAGATCTGGTATTCGATTCTCGGCAGCTTGAGGATGAGACACGCGAAGAGTT
GGTGGACAGCGAGCCCATCACGACTCATTGCCTGACCGACTACGTTAGACAGCCAATTCA
GACATCTCTCGGTGTGGCCCGTTCAGCCTTTGTTGCCAACAGCGCCCTGCCTGTATCATC
AATACCAACGAAACTTTCTACTTCTCTTCCTCAGCAGGGACATACAGGGCTTTTGGATCT
GGATAATGACGTAGGCCTAGCCCGGGCTAGCCGCGATGCAAAGCCTCTGTCCAACGCCTC
AGACGACATGCTTCTACACACACCGCTTCTCTTTGATCAGTCGTCGACTACAGCGTCCGA
CTCAGATGACACTATACCTGCACAGCCGCCGCCGCCGCATCACAAATCTAATGACGACGT
GGACAACGATACCATACACATGCACGCAGTGCCGTCGGACAACCATTCATCTGAGTATAG
CCAGAAAGACGAGGAAGATGCAGAGGGCGCGGAAGAGTACGTGGTTGAAGCCATCGTCAA
TCACTTTCAGGAGGATGGGAAGAAGTACTACCTCGTCAAATGGGATGGATATGAAGATAG
TCACGACTGGCTTCCCGAAGAAGATCTTGAGGGTGCGGCGGATTTGGTCGCTGAATACAA
CGAGCGACTTGGAGGCAAAAACAAAAAAGTAAAGTTGAGATAGTGTGAGTTGCGATTGAA
ACTCCACTTCCATCTCCACCGCGATGTCTTAGTGCGGCGACGAGATCATCGATCTTTTCA
GTTTTCATGGCAAGCATGAAGGACTCACAGTTCACTCCGCTGTAAACCCCTATCGTCGCA
AATGCTCTATGTCTATGTTCAATGCAGATGTATCAATGCTCTTCGCGGATATATGCTATC
GTTGACAGAATTGATCTTCAAATCACTTTGCATATTGCTTCTTACAACCACCCTTCTTCT
CTTCTTATCTGTTTTTCAGCTTTTGAAAGTGAACGTCATGGTGACCCAATCGTGCGTCGA
TGATCCATCTCACTGTAATCACATCCTAGCAGACATCCCCGTGGAACAATGAAACTCCTA
TGCTGTGTACGGAAGAATCTCCGAATAATTCATTTCACATGCGTGATCATTATATCTTCA
CTGGGTCTCAGTGTATATCTCATATACAAAAATAACATTGATGACAAAGCTGATAATACA
GCTGAAAGTTTTCGAGAAAGTAATGCTCGCGGACGACGCCTGCGTCTGTTATGTTCGTTG
CAAGGTCGTCTGGTTGCAATCGACACGATGACATGGCTGGAACAGAGCTTCACCCGTGCG
TCTTAAGCATCTTGCCTGCACGCTTGACTGTATGGGTCAAATCAGAAGCCATGCTCTGCT
TTCTTTTGCCAGTTGTCTTAGTGCGTGAACTTTCTTCCGGGCCTGTATTGTGCCATTCCT
GCGTCAACTGAGTGAAAATTTCCTTATCGTCTTGGATCATATACTCCAACATATCCTCCG
ATATATCCTCTCCGACTTTCGCTTTTGAGGGCTGCTGTGAGAGCTGAGTGGAAATTTCCT
CATCGTCTTGGAACATATCCTCCGGTATATCCTCTCCGACTTTCGCTTTTAAAGGCTGCT
GTGAGAGTTGAGTGGCTATCTCTTTGTCGTCTTCGAGACATGCACCAATATCGTCTAGCA
CTTGAGCCGGCATTACAGGAAAAGTAGGCTCAATTTTGACGTTGGTAGAGAGTTTTTCTG
AGCCATGGCTTGGAGACGTTGTTACAGAAGATGATACTGGAGATGGTGTAGCTTCGTCGA
ACTCCTTCGACGAAGAGCTGAACTCCGATCGTGATGGGCTCAATGGAGGGGGTTCAAGAC
TGGATTGGTAATTGCCAACGGGAGGAACCATGTGTGGGTCGTTGGAGATTTCTGGTTTGA
CGAACTTGTTCCCAGGACGAGGCGATAGAAGCAACGCTGAATCTTTCCGCGTCCTAGGTT
GTTGTCGCGAACCATTGCTCTGACGGCCTCGGTACGGTTTAGACGATAATCGTCGCAATT
CCTGCAATTCCTGCAGAAAAGGGCTTAAAAATTCGCTCTCCTTTGCGTAGTTTAGATCAA
TTCGGTTTTTCCTTGTGTAATCGTAGAACTTGAGTGGATCCGAAAAGATTCTCAATGTGC
CTCCCTTACGGAGCACATCAACGAAATCTATGATGTTGACGAACGGTGGACGTTTTAATT
CTGCTATACACTCGTCGATGTCTCTGTGTGACTTCTTCCCTAGTTGTTCACACACTCTTT
GGTATATGAGTAACTTTTGGTCGTCATCCAGGCGAATTCGGCCACTGGGATGGTTCATCT
GCAGATAATAGAGGCCTTCGGGAAGGTAATGATATATAATCTCGTCGCGAATCGCATCGA
CACGGGCTTTCTTCTCTTCTTCCCGGGTGAGCTGTTGAGAGCTTGCAAATAGGCCAATTT

CTTGCTTGAACGAATTAGACGGCTGCGGTCTGAAGCTGCCCTGCTCTATAAAGGCGCGAT
TGAATACTCGTATGTGGTCATATGGTACACGGCCGACGTGGCACATATACTTTGCGGCCA
ACTTCAGGCTATCGCATGTCTCGACCCAGGAGCCTGGAAAGTCGATGACTTGCTGTTGTG
CATCTTCAAGGGAGTTGTATAAGCCAGGCCTTTTGCCTCGAGTCACAGTGTGGTACTTTG
CAACCATGATGGCAGGCAGGAATAAGCGTCATTGCTATGTTGGGATGGAGAGTATGTATG
AAGGATGCGATATTGCGCTGCAAACGCGTCGCAAGGCGTCAAGGGTATAGATGGATAGAA
CTCATGAGAAGGCAGAAATGAAACATTGGCACAGTTTGAGGCAGATGCGGATTCGTGTCG
TCAGAGTGTAGATGCTTTTGCGGGATGAGCATGGGGGCGCCGGAAGTGATTAGGGGCGCG
CGTTGCTTTGCGCGGAACCGAGGCATTCTGAACTACCGGTAGTGAAGTGACATATGAACA
CGGCCTCTTCAGCACGCTGCAACAACATAGACATGAACATGGCCTCTCCAACACGCTACG
CCTACCCCTTCGCCGCTTCCCCAGACATCATCCGGTCACACCAGAAAGACGCCTACTTCT
CTGGTGTGCTGCTGGACCAGCTAGCGACACTCTTGCGCAAGCTCTATGGCGCGCGCATCG
CGCACACGTACGCATCCGAGACGCGAGTCCTCGGAGAGCTACTCTATCTCGGTCTCACCA
CACTGATAGGAAACCGGACACTGGGCGAGGAATACACAGATATTGTTCAGGTGGAGAGCG
AAAGTGGACGACTGCCGGCTCTGGGACGGAGAGCGGGATACATACTAAGCTGCATACTGG
GGCCATATCTGCTTGGGAGAGCATTGCCGGCCTTTAGACGAAGGGTGCGCGCAAAACTCG
AGGCGAATCTGCGATGGTACGCGCGACAGCAAGCACGAGCACAGCAAGAGGCACAGGAGA
ATGGGAGCAAAGCACGGATAGGACGGCCTCTTGGTATGCGCCTGCAGAACTACATACTCG
AAAACCTCGATACCATCACGTCGCCATCGCCCGTGTACGCCCTCTCTCTGGCGACATTCT
ACTTTTCCGGGAGTTACTACCACCTCTCGAAGCGCATATGGGGCCTAAGATACATCTTCA
CGCGACAGGTGCCCGAGGGCGATAACCGCGCTGGCTACGAAGTCCTGGGTGTGCTACTAG
TGTTACAAATGGCGGTACAGGCATATCTACATTTACACAATACTGTCACATCGTCGACGG
CGGCGGTGGGTGGCGGCCATCCGCAAGGCACGTCAGCCATTGTAGGCGGCGGTGCGGAAG
TCTCCCTGGACCCCAATGCCTACAGCGCCAACAACGCGTTGCTGTTCGACGCGGCATCTG
CCCTCCCTACAGCGGCGCCATCAGACGTACAAAAGTGGACACACACACCTGCGTTGGAAA
AAGCAAGATATGAGCTGGACAACGAGGAGACAATGGGATGGATTGGTGGTGGCAATCGGA
AATGCACGCTTTGCCTGGAAGAGATGAAGGATCCGAGTGTGACGACGTGTGGACATGTCT
TCTGTTGGACGTGTATAGGGGACTGGGCGCGGGAAAAGCCCGAATGTCCACTCTGCAGGC
AGACGTGTCTAGTGCAGCATGTGCTTCCGCTCCGAGGGTAGGTGGGCGGCATGTAGAATT
ACAATATCTTCTCGGCCTCATCAATCAGTCGCTCTACCTGAAATGCGCTGTCTCCGCGAG
TGAACATGTTGAGCAGTTCGCTGCGTCCCTTGCCCTCTTCCGTCTGCACGTAGAACTTCT
GCATGCACATGACGAGCCATCTGGCCTCGTCAACGCTCACGCCTCTGTTCTCGATGACCA
GGCCCTGGCCCAGCACCAGGTTGTGGCTCTCGGCGAGCTCCTGGTGGAAGGTGATGGTGG
TGTGCGGACTCGCGAACTCGCCCCTCAGCTTGAATTCTGCCAGCGTTGTGAACATGAGCG
TGGTGGTGTCAAGGTGCGGGTGGGAGAACTGCAGATAGTGCAGCTCAGCAGCCTGCTGCG
TCTGAGGCTGTTCCGGTGACGCAGACGAGGCATCGGCAGGTATCTCGCGGGGGACGGGGA
GCACGAAGGAGGGGTGTTGCTTTGCGCTGCGGAGGAGTTGGGCAAAGGTCGTGGCCGGGA
CAGCGAAGTGGACGCTCTGTGGGTTGGCAGCGTGTCGTAGGCGCCACAGGGCCTGAACTT
CCTTCTCGGGGAGAGTCTTGACTTTGTCGAGGTCGAGGAAGGAATTGAGCGTCTTGACGC
CTGGCGGGGGCGCGGAGGGAGAGCCCGAAGCAGAGGGCGGCGGAGGAGGCGACGGCCAAG
GGCTCTTTGGTTGTTGTTTTTGGTGTTGGGATTGTGGGGTTGTTTCTGGTGGCGGCGTCA
ATGGACCGGTTGCGCCGGGCACAATGGCCTGCTTCCTCAGCTCCTCGATCTTGTCCTTGT
ACTGTTCCTTGAGCTCGTCGAGGTCCTTGAGGCCCTTTTCGCGCGCCTTGTGCTCGAGCT
TCTCCTTGTACTTGGCGAGGATGCGCTCCTGGGAGTCGTGTGTGACGAGGAAGCGCACAT
CCTGGACGCGGGCAAAGCGGCGTTGGGTAGCGCGGGGGTTGACGAGGGGCTGGCGCAGAG
CATGGCGCAGCGTGGGGATGCGCAACGGCATGTTGGATGTACTGTGGACAAGTTTTGAGG
CGGCGGCGGTACATGCGGCTTTTGCAATGGGGACGGAATGCACTAAAGAAGCGGGGCCCA
AATGCAGGGACGGGAACGTTTACCTAGGCGGCATGGGCTGCTTTGTCTACTGCACTACGC
TTCTGTAACGTTGTATCCTACCCGACATATCTACCCCATATCCACCCCATATCGTATACC
CGTAGTCTCGTCTGCCCGCGCCCGTCATCCATGCAGAACCCGCCCTTGCTGCACACGACC
CGTTGGCCCCTCTCCTCGTCGTCGCCCGAGACCTCGTCCTCGACGGGCTGCTGCTAGCGG
GCATGGGTGCAGTTCACAGCAAGTCCAGCGATGCAGGTGACCTCTATCTGCGCGACCAGA
CTCGATGTAAGCTTCGACTTGCGCCTGTCCCTTGTTCCCCTCGACCATTGCCTCGGCCGC
GCTCTGCTAACACGACCCCCCAGTCTCGGTGGCTTCGCTCAACATCACCAATGCCCGCAA
CCGCACGCTTCTCAACATCTCGCCCAATGCCTTCCCCGCCACCCGCTATGCTGCCAGGCG
CGACTTTGGCGACGACAGCGTCATCGAGTACATCCAGGACCCCGAGCCAGCCCACCACCA
GGACGGCCCCCCAGCCTTCCTCCTGCGCCTGCCCAACGACGAGGAACTGACCTTCAACTT
CACCTTCATCCTGCGCCAGCACCTCGCAGTTCCCACCAGCTACAGCGCCAGCACCGCCTC
CCATGTCGCCCCCACCGGCCTGGTCGACACCAACATCAATGGCTTGACCTTTATCTTCGC
CCCGAGCTCAAAGGACCTGGACAACCTCGTCACGCGCGAGTTCCACGCCAACCCCAACCT
CCACAAGAACCCTCAGGTCGAGCTGGTCGGCGACTACTCCACCGGCGGCCATTCGTCGGT
TCAGTTCCAGTGGTCGTGGAAATGGACGCCGCCCCGCACTCCAGAGTCGCGTGGTGGGGG
CTGGCGCACAAGCTGCAGTGTGTGTATACCATCCCCTCTCTGTAGCCGCACCTGCTAATA
TCCTCTAGTTTGTCGAGTATGACCAGCGCGCACACCGGCTCGAGACGCTGGCGAGCTTTA
CATTCTGGGTCCAGAGTCCGTATCCTCACCCCCCCGTTCCATCCCCAACATGCCCACTGA
CCAGTCCAGACACGGCGCGCCAGCTGCAGAGCCCAAAGTCGCCTTCACCGCGCCTTGAAC
TTGGCGTCCCTTCCCGACTGCGCGTGCCCTCGGCACAATCGATAGAGTCACGAGTGAGCG
ACTCCGCGGGCGAAGACCGCGAGTGGGACAACATACCCCCGAGATCGCCAATCTGTGAGC

CCATTCCCGAGCATAGCCTGGGCCTCATACCAAGCCAGACGACCACTCTGTCAAGCGGGA
GTGCGCCGGTGAAGCTCGACGTGTCGCGTCCGGGCGAGGATCTCAGTCAGACCGACGATG
GGCCGCTATTCCGCGCCACGATGAAGTCGCTCGAACAGAAGACGGGCAACATGCGCACAA
GATGGAAGAAGGTCCTCAAACGCGCCGAGTCAGCCATGGAAGCTCAAGTGGCATGCAACA
ATGCCATGGCCGACCTCATGGACGCACTCAGAGAAGCCTCGTCGTCCAATGCAAACGCAG
TGCAGCCGGCTATTGATCACTACTTCGACAAGATTGCCAAGGAGATCCTGGGATACGAAA
AGTCAAACACCACCAACATTCAAAAACTCATTATTGATCCCATATACAAGCTTTACAACA
TAGACATCAAGCAGGCCGAGACAAAGCGGAAAGACTTTGAGGAGGAGAGCAAGGACTACT
ACCAGTATCTGGGAAGATACCTTGGGCAACGACAGGACTCGCTGAAAGAGAAGAAACGCG
CAGAGACCGATTCCAAATACCAAGCAAAGAGGCGCAACTTTGAACTGAAGCGCTTCGACT
ACTCGTCCTTTATGCAGGATCTGCATGGAGGCCGGAAAGATCAAGAAGTCCTCTCCCATC
TCACGCGATATGCCGATGCCCAGGCCAAGCGCTACCTAGAGACTGCAAAAAAGATCGAGA
CCATGTTGCCACATCTAGAGGCCTTGAGTTGCGAGGTGAAAGAAGCAGACAAGGAGTTTC
AGATTCAGAGGACCGAAAGAGAGGAGAAGAGGCGAGCACTCGAGACGATCAAGAAGACGT
TCGACGATGTGCCTGCGCCTTCGCTCACATCTCCCGCCGCATCATCGAGTAGCGTACCCC
GGACAATGTCAAGATCCGACCCAGAGCCGCCTCCTGGCCGCAAGGGTAGCCTTGTGCCCA
TGTTCCAGAGCACAGTCATGCCTCCTCAGACTATCTCATCTACGAGCATTCCCTCCTCAA
TAGCATTACCACAAAGCCCTGAGACTACCAAAGCGACTCTAGCCATGGTGGCGCCACAGC
CGGACAAGTTCAAAGGAATCAGAGACCTTGAAGAAAAGGATCCTGCTGCAATGGCCGAAG
CTGGTTCAGGCGCACATCGCAAAGAAGGTCTTTTGTGGGCACTGAGCAGGCCTGGAAGCC
ATGTGGATCCCAAGGGCTTGAACAAGCAAGCCTGGCACAAGTGAGTACATTTTGTCGAAA
CTGAATAAACGATGCTGACAATGTCCAGATTCTGGATCGTGCTTGATCAGGGCAGACTCT
CAGAGTATACCAACTGGAAGCAAAGTCTGGAGCTCCATATGGAGCCAATCGACCTTCGCA
TGGCTTCGGTAAGGGAAGCGCGTAACGCGGACCGTCGGTTTTGTTTCGAAGTCATCACCC
CACAATACACTCGAGTGTATCAGGCAACCAACGAAGAAGACATGAAGTCATGGATCAGTG
CAGTCAACAATGCTTTGCAGACAGCCGTTGAGGCAGCAGGAAAGCCCGACCGGCCATCCA
CCGACTCGCTGCCTGGACAAACACATCGCGACATCGCGTCAGTGCTTACCGGCAAGAGTC
CATCAATGTCAAGTCATCGCAACACATACGGCTCCAAGGCACCAGCGCGACATGCTACAG
TGGGCGATCGGCCTGGCGGTTACCGACGAGAAGAGACGTTTGGCGACGAAGGCAAGCTGC
TCAAGCAAGTACGAGATGCGGATGCTGGCAACAAGATGTGCGCGGATTGCGGTACTGAGA
TCAAAGTTGATTGGGTTTCCATCAATCTCGGCATCATCATCTGTATTGAGTGCAGTGGTA
TCCATCGGTCACTAGGCACGCACATCACAAAGGTCCGCTCTCTAACGTTGGATGTTACGT
CCTTTACTCCCGATATCATCGAGATACTGCTCAAGATCGGCAACCGCATCAGCAATGCTA
TCTGGGAAGCAAGGCTAGACCCAGGGCTGAAGCCAGGGCCAATGTCGACAAGAGAGCAAA
GGCTGCACTTCATCACGTCAAAGTATGCTGATCGGGCATTTGTGGCACCCATAACACCAA
ACATGTCACACTATGCAAACCCAGAGGAGACGCTGTTAGCGTCGGTTAAGAAAAACGACA
TCCAGAACGTACTCTACGCGCTGGCACTCCGAGCGAATGCCAATGCACGCGATCGGTCAC
GAGGCACACACGCAGTATTTCTCGCGCTTGCAGCCGCCGACCCAGCATCGCCTTCAGCGA
CAGCATCACCTGCAAGCTCTCCAAGCTCAGCCACTCGCCCAGGCACAGCACAGCCTACCC
GCAAAGCCTTCCCCGTCGCAGAGCTACTGTTGCAAAATGGCGCAGAATTACCAATGCTGC
CTGCACCCATCCCACTTGGGCACTCGGCACGAAGCTATCTTGACTTCAAGACAGAGCAAC
GTGCGGGCAAACGTCCAGCACCCATGGTGGGAAGTCAGCCCCCACCCAACGTAGAAAAAC
TGCCGTCCTTGCCGCCTATCATGGCAGGCAACGGCAGTTCTCCATCAGAACGGGCGCGTG
AACGGGACGCACGACTGCAAAAGCGAGTCTCGGCAAGCGGAAGGTTGGTTAAAACCCCGA
ACATGGATTTGGGTGAAGGTAAGCGCGGCTCGTAGGGCTAGCTGATGCTTATTTGTTTTC
TGTTCTTCTAGCGTATACCTTCCCTGGGCGGCGTGTGGACTTGTGCGATGGGCGTCAACG
GGATGAAGACGTTGCCATAGACGCGACGAGGAGATGAGTGCAATCAAGTCCAGGTTGGAT
GGAGGCGCAGTGCTGTTGGGGATGCGTGTATGTGTGGCCTTTGATGCATTGTACCATGTT
CGCAGTGAACGGCGATTGGCTTGTTCTTCTGAGAGTCAGAGTTGACTCAGCGACCTTGGA
GTCGTTTTTTTTTTTTTTTGGCGTGCTGTGTGTATAGTGTAATGAGTAATGGCAGAGCAT
GAGAGTCACGACGTTGTGAGATGCAAAGGCTGTGAGCCGGAATAGCGGTCCTTAACGACC
CCACTACCACTACCGTGTCTGTGCGCGAAACCAAAATTACTTTGAAAGTTATAACCGCAC
GCACCCCGCCGCCGCAACTGCGAACACACTCACTACCGCAATCATGGCGTCCGCATACTC
GAACCTGCCCATGGACGGCGACGACGAATTCGACGAGAGCCAAATCGACTTTACCGACAT
TGAAGACCAGTTCCAGGTGCGGCTCGACGAGGGGCTCGATGCCTTTGTCGTGATCGATGG
ATTGCCCATAGTTCCCGAGGACAGCAAGGCCAAGCTCGTCAAGTTTGTGCTGAGGAAGCT
GAACAGCGTGGGCAAGGTCAAGGACGACGGCGTGCACATGCCCGTCGGCGAGGCAGGCAA
GACGGAAGGGTATGTTGCACCTGGCGCCGCGGGCAATGGCAGACTGGACCTAGGCTGACG
GCATCACAGATATGCCTTTGTCGAATACAGCGCGCCCGCAGAGGCGGTTGCGGCCGTCAA
GCAGCTGAACGGAACTGCGCTCGACAAGAAACACACCATGGCCGTCAACAAGCTCACCGA
CATCGACCGCTACGGCAAGGAGGGCCGCATCGACGAGGAATACCACGCACCCGAGATCCC
GCCATTTGAACAGAAGGAGCACCTGAGGTGGTGGCTAGGCGACGCCGACAGCCGCGATCA
GATGGCCATGTACCGCCAGGAGAAGGTCGGCGTGTTCTGGAACGAAAAGGAAGACCAGCC
CGAGCAGGTTGTCGACCGCGAGAACTGGACCGAGTCTTTCATCCAGTGGTCGCCCCAGGG
AACCTACCTCACCTCCATGCACGCCCAAGGTGTCCAGTTGTGGGGTGGCAAGGCATGGAG
CAGGCAGAAGCGATTCGCCCATCCCGGCGTCAACCTCGTCGACTTCTCGCCCAGCGAAAA
GTACCTCACCACCTGGTCCCACCGCCCACTCCAGGTCGACGAGAACCACCCGGTCCCATC
GCTCTCGCTCGAGGAGGACGGCAAGAACTACATCATCTGGGACATCGCCACAGGCAAGCC

CCTGCGTTCCTTTGCGACCATCGATGTACCCGGTGGCACCGACGCCGATGGTAACCCCGT
CAAGAAGAAGCTGCAGTGGCCGACGTTCAAGTGGTCTTCCGACGACAAGTATGTCGCACG
TATGACTCAGGGCCAATCCATCTCCATCTACGAGCTGCCGCGCATGAACCTTCTCGACAA
GACCTCTGTCAAGATCGAGGGCGTCATGGACTTTGAGTGGGCTCCAGCAACACCCCGGAG
AGAAGGTATCAAGACATACGAGCAGCTCTTCTGCTACTGGACACCCGAGCTCGGTAGCAA
TCCCGCCAAGGTCGGTCTCATGTCCGTTCCCTCAAAAGAGATTGTGCGCACGCGAAATCT
GTTCAACGTCTCTGATGCGAAGCTGCACTGGCAATCCGAAGCTGCCTACGTCTGTGTCAA
GGTCGACCGCCACTCCAAGTCCAAGAAGTCCCTCGCCACCAACCTGGAGATCTTCCGTGT
CCGCGAAAAGGGAGTGCCTGTTGAAGTCGTCGATTCAATCAAGGACACTGTTATCAACTT
TGCCTGGGAACCCAAGGGCAACCGCTTCGTGCTCATCACCACTGGCGAAGTCATTCAGGG
CGCTGCTGTGGGTCCCAAGACTGCCGTCTCTTTCTTCGCCCCCGAGAAGCTCAAGGGCGG
CGCACCTGGCAACTTCCGTCACATCCGAACCATTGACAAGAAGAACAGCAACGCCATCTA
CTGGTCACCCAAGGGACGATTCGTTGTTGTCGCCGCTCTCCAGTCTCAGCAGTCTTTTGA
ACTCGAGTTCTGGGACATGAGCTTCGACAGGCCCAAGGAGGAGTCTGAGAAGGGTGACAA
GGAAGTTAACGCCAACCTGCAGCTCATGGATACAGCCGAGCACTACGGTGTAACCGACAT
TGAGTGGGACCCTACCGGCCGCTACGTCGCCACCGTTGCCAGTGCTTTCCGTCATCGCGT
ATGTATCTTTACCGTCACGTCCTTTTGCTTCTGCTAACACCCACTAGATGGAGAACGGTT
ACCATCTCTATGACTTCAAGGGTACACTCCTCCGCGAAGAAGCCATCGAAGGCTTCAAGC
AGCTCCTCTGGCGCCCACGCCCCCCGACCCTTCTCTCCAAGGAGGAGCAGGCCGAGATTC
GCAAGAACCTGCGCAACTACTCCAAGGTCTTTGATGAGCAAGACGTCGCCAAGAAGAGCT
CCGCCAACAAGGCTGTGGTGGAAGCTCGTCGCGAGATGCTGGATGAGTGGCGCAGATGGC
GCGAGGAGGTCACTGAGAGGTTGCGCGACGAAGGAGCCGACCTCGAGCTGGCAACCCTCA
AGGGAGAGACGCCTGGTCAGGCAGATGATGGGCACCAGGAAGAGATTGAGGAGATTGTAG
AGGAGATCATCGATGAGACCGAAGAGGTCGTGAACTAGGTAGTTGAATGAGTAGAGACGA
GTACGATAGTAACTCGAATGAACTTGCTGGGAAATGATCCCCCGGAACATACAATTTATG
ACGAACAATGGTATACGATGATACATCTCAACACGTTCTCCTTACAACGATCGTGAATGC
AACAGCTCTTGCATCACTCATCCCTTATCGGAGAGAGAAAGGTTCAGACGGTCGATTTCA
TATGACACAACCACGCTCACTATGGCCCGGTGTGTCTTGGATTAATTCTTCCTCCTTCCT
CCCAACTTCGCCTTGTAATGCTAGACCAAGTTAGCATTCCTTGCTCTTCACATCCGCTCG
ACCTACGCAGTTTTTGCTTCAACTTACCTCACAGCTGATTCTCAAACCCTCTTCCAAGCC
GACTCGAGGTTTGTAACCCAACAACAATCTTGCTTTTGAAATACTGACATAGCGATCGCG
ACATCCATCACTCACAATACCCCGACTAAGCACCCCTTCTGTCCCCGTCATCCAACTAAC
CCATTCAGCACAGTAACCCAAACACCACGTCAACCCTTCCGGAACTCTAACGTGGAACCT
TGGAACATGACCGAATTCCTTCCATACTGCTAGACACAAGGCCCTCGCTGTGACAGGCTC
GCCATTGGTAATGAACATGGCTTCACCAGCAGCAGTTTGCGAATTTAGCAGATTGCCGAC
GGCGAGGACATGTGCGTCTGCTACGTTTTCTATATAAACAAAATCTTGCAGGTTGGTTCC
TGTGCCTAGGATGAAGGGCGTTTGGTACGCTGAGATACACGAGTGTATTGTGGGGATGCA
CACGGTGTCATTGCGGCCAAAGATGGGGGCCGAACGCAGAGCACAAGTCGCGAAGTCGTG
CGTATTTGCGGAAAGAACAATGGATTCTGCGAGTGCCTACTACGAGTGAGTTTCTGCTTC
TTCTTTTCCATTCCTTTCCAAAGTTTGGGTAGATGATTTTGAATGAGAGATGTTACGGTG
GCTAGGAGGCAGTACTTCATGTGAGCGAAATGAATAGTTGAGAACTTCTGGTGTGAAAAC
TGGCATGAAACAAGGTGATTCAAGAGAGAACAGGCGCGTTCCAAGGAACAGTCAAGGGAA
ACACAACAAAAGAGGAAATCAGTTACCTTGCTCTGTCCGTAGCTCGTGTGCACACCACCT
GTGGGCCAACGTTCATCTACGTTCCTGAAATCGCGATCCAATTCATCCAGAACAACAGTC
ACACTACTCGTGTACACAAAAGCCTTTGCACCACACTCCCTGCTTGCTTCAATAACATTC
CTTGTTCCCTCGACGTTGATCCTGAAGATGGCGTCTTTGCCCCGCATGGAGTATCGCTTC
GTGCCTAGAGGAAAGACACCCACTGTGTGAATGACGACAGCAGGTCGAGCTTCGGATAAA
ACACTGGACAGAGAAGATGAGTCCATGATGTTGCAGCGGACATAGCGTACGCTATTGGTG
AAGGTGTCGCTGCCAAGCGAGGGCGGATTGACGTCTATGACCGTGATGGAGTATCTCTTG
CTGCGTAAGAGTGCGGAGACGATGGCAGTACCTAGGAATCCACAGCCGCCTGTCACCAAA
ACGCGGGTTGGATCCATTTCTTGACGTTTGAGGAATCCTCAGAGACGCTGTGTGTGGTGC
AGATTAGTGTTGTTGACGTCGGACGCGTTTCTTTCTTTGAGCGCATTCCAGTCGATCTGT
CTTAACAGCATGGAAGCATAGAGCTTCGTATTTGCAGTATCTGCAGCGGATCCACTCATA
CAACCGCGTACGGTTGTTGTTGGTAGGATGTGACGTCGGGTCTATGAGAGAGTAAGACAT
GACGAGGCCCGTGTCGCATCCAAGCATTGCCCAATGCTTTCCCGCTGGATGTCTCGCGCA
AAAATGCACTTCCACGAGACATTTCAAGTAAGGAACTATGCATGTTTCGCACTAGAACCA
AACAAGAATGAACTAGGTAGTGATTGTTGGACTGTATGAATTTGTGCAGGTTATCGCCTG
AACCCGGTCCCATCGTTGGTGTCCGGGCAAATGATCTTGACTGCGGCGTAAATCAGCACA
ATTGGTATCCTCCAACTACGACACATAATATTTACCACAAAATATTTGAACTCCGGACAA
ACGAAACACTTGAGCACGTATGGTTTCGGTGTGAACACCAGATTTCTTAGTCTTTCGCCT
AGATCATATCTTCATGGTGTTCCATCGCCGTCACGTTGAAGAAGGATATTGAAAATTCGA
AAAAATTACCCGACGACCACCACCACGATGAAGGTTAACGAACACCAGGGTATATATCGC
AAAAGTACCGCTCCATATTGTGATGCTGACTTTTTTCAGCTATCCTTACACCCCGCCTTC
TTCTTGTTCCGTACAGTTCTCACCACGTCCCCACATACCACGAATGGATGCAAGATGAGG
TAGACCAAGAGCCCATCAAACTTTGCGCTGTTAAAATGTTTCCCAAGACTGACTGGAACA
TAGGAATTGCAGAAGCTTACCGCATCCGAGCCACTGACGCTTCAGGAGGAGTACGCTATG
CAAGCGTCGTGGCGTCAGGATGCAGATAAATTGACCTTTGTCATCTGCACCTCACCGAAC
ACGCCAACAGCACCATCGGATCTTTCCACGATGGTCAAGGTCTCTCCCGGAACGGAAGAT

GCACCCGACCGCATGGTAGGGGACGTGAACCTGTTCTTGTATCCGTGTGAGGAAGGTGAT
GACGTAGAGCAACAAGAAGGCTGTGGGACAGAGAAGGTGGACACGATCGGCGAGTTGGAG
ATTATGATTGCTCGACCTAGCGCCCGAGGAAAGGGACTCGCGAAAGAAGCCCTGCAGGCA
TTCATCTGGTACATATCTACATCGTTGCCGACTATTCTGGAGGAGTACGCACAAGGAACA
AATGACACAGGCAAGCTGAAGTCTCTAAGCTACTTGAGGGTCAAGATTGACAAAGACAAC
ACCCGGAGTATCAAGCTATTCAAATCGTTGTGCTTTAGTCAGGTCAGCGAGCCTAACTAT
TTCGGGGAAGTGGAACTGCGGTCTATGGATATACATGGTGGGATAGCGGATGCTACTGGG
TTTGCAAGAAAACTATCCTACGGGGACTGAAAGACAAGCATGTCCAAAACAAACGACATG
AAGAGCACGGGACTGTATGTCACGAGGCAAAGAAATCTGATTGTTGGAAGTACCTGGCAA
TGTACACGATATAGAACACACGCTTCCGCTACCCGCTCTCCTGAACCGCGCAAATGCAAA
ACCACTCAATGTTTATTGGTTCGTCTTGCCAGAGTTGTTTGGCTTGGGGAGTTGGTCGAG
GATGCTCTTGTTTTGTGGTGGCTGGTAGACAATCTTCCGTGTCTTTAGCGGTGCCCACTT
GTACCTGTCGTGATTGTTAGTTTCGAGTTGTAATGCTGAGGTGCGGAGACTTGCCTCTTG
ACCCAAACACTGAGCGCGAACAGAACACTGGTGACAGCGAGAACCTTCCAGCCCATCTTC
TTGCGGTCGTCCATCTCAGGCTCAGCGGTCCAGTTGAGGAACTCAACCACGTCCTTGGCC
ATCTGCGAGGTCGAAGCCTTGGTGCCATCATCGTACTCAACCAAGTCGTCGTACAGAACA
CGGGCCATGGCAATTCCGGTACCGGGGAAGTAGGGGTTGAAGTTGAGGCCTTCTTGGACA
ACGGCACCGGCAGGTGGCTCCTCGGGGTAACCAGTCAACAAGCTGAAGATGTAGTTGCAG
CCGCCGTGGCGGGCCTTGACCATGAGCGATAGATCGGGGGGTAGAGCACCGTTGTTGGCA
GCGCGGGCGGCCTCGTCGTTCTTGTAGGGGGCAGGCATGTAGTCGGAGAGCTTTCCGGGG
CGCTTCTCAATCTCGCCCTGGTCGTTGGGCTCTGTGTCGTACTCGTTCTCCTCGGCGAGC
GCCTTGGCCTCATCGACTGTCATGAACTTTCCGACGACGGCGCGGTAAGGCACACGGGAG
ATGGAGTGGCAGGAGGCGCAGACCTCACGGTAGACCTGGAAGCCACGGCGGAGACTGTGA
CAGATTAGGGGATGCGCATGTGCGGTAGGACGGGAAGGACGTACGCTCCATGGTCGAAGG
TCTTGGACCACTTCTCGTGCTCCCACGGGTATTGAGTTGGGTGGAGACTGTAGAAGCATA
GCGTCAGTACATGACTTGCGGTCGGATCATCTTTGGCGCACTCACCCTTCTTCGGCTGGG
GTCATGGCATCAACCTGGCGTCCGTAGAGATGCCAGTACCAGGCAGTCGAACCAACGGCG
AAGATGGTGGCGCCTGCGGGGAGGGCGTTGTTCTTCCATGCCGAGGCGGCGCCGTCGGCA
GAGCTCGATGTCGAGGCAAAGCGCTGTATCACCCATTCCGTCAGCCAGATTATTCAATTG
AGGCGGGACAAGCCCTTGTATTGCAGCCCGGCGAGAGATGGTGTCGATGAAGCTCGCGCG
AGCTGTCGGGGTTTCTTGGGCCATGCGGGAGGCGTACCGGTTTGCTGGAGGCATTGCGGG
CCGTGGCAGCGGCGGAGCGTGCCGTACGCAGTGCTGAGCGAGCCAACATGGTCATGTGAA
GCTGGCTCGGAGCAGGAGGGAGACTGGATCAATGGGTTGTCGTTGTCGGCGGTGGTGATG
CTGGGAGTAGGTGCGGGAGACACTGGCTGGATCATCAATTTCCACTAGCGCCTGCCTATT
ATGGTTGCTAACATAAGGCAGCTGCGATTGGCTGCTCCTTCCACCTTCGAATGGTCGCTC
CTTCCACCTTCGGGTTTCTAGAATTTGAAACTTTAGAAGTACTCACAGCCTTATGCTTTA
TCCGTCCGGTTATTCTGGTCTCTTATTGAAACGTTGTAGCTCGTGGTTGGTGTAAATAGT
ATCGCGTAGCACTACCGCTATATACATATTTCAATTTCTTTCTTCTACATACGACCATAG
GACACTGAAAATTAGGCTTCCCGTCCGCTCAGCCATATACAAGCAGTGTACCGGCGGATT
AGTAGTTAGGTGGGTGACCACTAGCGAATCCCCGCTGTTGTATGTTTTTGTCGTTTTGTT
GTAACCCATCAGCGTGGTATTTTTTTGCTCACGTCCAACATGTCTAAGTCGTGGTAGGAG
GGAGGTTACCGCAGACCATCAGCAATTAAGCACTATCCTGGGTATTCAATGTAGAATGTC
ATGTATGCTAGTATAGCCAGGGTACGACATGGAGAACAAGAGCTTCTTCGTAGTAGGAGC
CCTTCGTACTCGGAGCCCTACATTTCTCCAAAACTCCGAAACAAACGTCTTTATACACGC
CTGTCTATCGTCATGCTGAGATATACGTCGGAACATCATTCACCTAAGAGTACGAGTTGC
GACTGCGCTACTTGCTCTGTCCAACGCCAACAGCAACACGCACAGCATTGTCATGTGACC
CTACTTCTATACCCTTTCACTCATGCAGGAATTGCGAAAGGGCTCAAACGAGGGCTAGGT
CTTCTCTAGCAAGAACTGGCTGTATTGCCAGAACACACAGCGTCTCTGCGGAGAGGGTGA
CGCTGGGAGGACTTTCTTGCGTGTTGAATAGAAAAGTCTTTGAGCAAGTCGGCAAGGTTT
ATATACCGGCTAGCGGAACGTTCCACTAGGCCATATGTGGTGCGCAACACCAACATCAAC
AAGAGGGCCCTTGGAGAAGAACTCTGCCCGTCTCACTGTGTGCGCTTCTAAAGCAGCGTG
CTGATAGAAACAAAAGGTTGCTAGTGCCTTTGGGGCTGCCATTGAGTTAGTGTGCTTGAG
CATTTTCCGTGCTTCTTTCTACCTGGGTCCTTTGGTATTGTATGCACGTCGCGCTGCAGC
AGACGAGAAGCTAGATGCACCGCTTCACCCATCATGGCCGTCTCCTGGTGTCAAGACCCG
TCACCGCTCCTTGCTGCAGTCCCAGTCGACTGAAGCCGTGTCGGAACCTCTTGCACACGC
TCACGTCAAACACTCGCCTCCCTCGTTACCCCGCTGCCTCGCCGACACCATCTCTCCGCT
CCCCTCCATCCTCCCGACACCCTGCCTTTGTCACTGTGAGGCACTGTTCCCATCGACGAA
ACATGTGCAAGCACTTTGGCGCCGAGGGCCACTCGTCCATTGACATCACCAAGGGCCGTG
AGGTGCTGCCTGTCAATGTCAAGCCTATTCACTATGACTTGACGCTGGAGCCAGACTTTG
CCAAGTTTACCTACCAAGGCACCGTCACCATCGAGTAGGCACATGCGCATCTTGCACGAC
AAGACGCCCGCTGACACCACGCCAGTCTAGACGTCGTCGACGACACTACCTCGATTTCTC
TCAACACCAACGAGCTCAAGATCCACTCGACCAAGGTCACGGCTGGCCAGCAAGTCATCA
CCGAATCGCCCAATGTCACCACCGACGACGATGCGCAGACGACCAAGGTCAGCTTCGACC
AGACCATCCCTGGCGGCAGCAAGGCGAAGCTTACCATGACCTTCTCCGGCGTCCTCAACG
ACAACATGGCCGGCTTCTACCGCTCGTCCTTCAAGGCCGCCGACGGCTCGACCACATACA
TGGCGACCAGCCAGATGGAGCCCACGGATGCCAGGCGGGCGTTCCCCTGCTTCGACGAGC
CGGCCCTCAAGGCCAAGTTCACCGTCACGCTCATCGCCGATGACAAGATGACCTGCCTCA
GCAACATGGACGTGGCGTCGGAGAAGCAAGTCGACAGCACCATCTCGGGCGGAAAGCGCA

AGGCCGTCACCTTCAATCCGACGCCCCTCATGTCAACATACCTCCTGTGCTTCATCGTCG
GCGAGCTCAACTACATCGAGACGAACAACTTCCGCGTACCTGTACGAGTCTATGCTCCAA
AGGACCGAGACATTGAGCATGGCCGGTTCTCACTCGAGCTGGCCGCAAAGACGCTGGAGT
TTTACGAGAAGACCTTTGACAGTCCCTTCCCGCTCCCTAAGATGGACATGGTTGCTATTC
CCGACTTTAGTGCAGGTGCCATGGAAAACTGGGGCCTCGTCACCTACCGCGTTGTAGATG
TGCTTATTGACGAAAAGGTCAGTGGTGCTGCTACCAAGCAGCGCGTTGCCGAGACGGTGC
AGCACGAGCTCGCGCATCAATGGTTCGGCAATCTCGTAACCATGGACTTCTGGGACGGCT
TGTGGCTTAACGAGGGATTCGCAACCTGGATGTCGTGGTACTCCTGCAATGTCTTCTACC
CCGACTGGAAGGTCTGGGAAGGTTATGTTACGGACAACCTGGCTAGCGCACTCTCGCTCG
ACTCTCTACGCAGCAGTCATCCCATTGAGGTGCCTGTGAAGCGTGCAGACGAGATCAATC
AGATTTTCGACGCCATCTCCTACTCCAAGGGCTCTAGTGTCATTCGCATGATTTCCAAAT
ATGTCGGAGAGGACACCTTCATGGGGGGTATTCGCCGCTACCTTAAGAAGCACGCCTATG
GCAACACGGAGACCGGCGACCTGTGGGCTGCCTTGGCTGATGCCAGTGGCAAAGACGTTG
GCAAGGTCATGGATATCTGGACCAAAAAGGTCGGATTCCCAGTCGTTACCGTGACCGAGG
GCGCCGACTCTATCCACCTCAAGCAAAACCGCTTCCTCCGTACAGCCGACGTCAAGCCAG
AAGAAGACCGGACCCTGTATCCAGTCTTTCTCGCGCTGCGGACTAAAGAAGGGGTTGACG
AGGACTTGACGCTTTTCGATCGCGAAGCCGACTTCAAGCTCAAGGACCTCGACTTCTTCA
AGCTCAACGCAGACCACTCTGGTCTTTACCGGACCTCATACACGCCAGAGAGATTGAGGA
AACTTGGAATCTCGGCCAAGGAGGGCCTCTTGACTGTTGAGGACAGAGCTGGTATGATTG
CTGATGCTGGCTCGCTGGCCGCGTCTGGCTATCAAAAGACGTCTGGCATTCTCTCGCTCC
TGGACAGCTTCAAACATGAGGCAGAGTTCGTCGTTTGGGGGGAGATTACTGGTCGCATTG
GTTCCCTCCGGGGCGCATGGATGTTCGAGGACCAGAAGATCAGGGATGCTCTGAAGAAGT
TCCAGTTGGAGCTCAGTGCAGAGAAGGCACATGAGCTGGGATGGACGTTTGATGAAAAAG
ACGGCCATATCGAGCAACAATTCAAGGGTCTCATGTTCGGTGCTGCCGGTATCGCCGGAG
ACGAGAAGATTACCAAGGCATCATTCGACATGTTTGAGAAGTTTAAAGCAGGCGACAAGT
CTGCCATCCACCCCAACATCCGCGGCAGCGTATATGCTATTGTGTTGGCGAATGGTGGGC
AAGAAGAAGTAAGCCGTTGAACAGCGATATGTGGAATCTGAACTAACCTTGCTCAGTACG
ACGTCATTGTCAACGAGACACGAAACGCCGCCACAAGTGACGAGCGCAACTCGGCTCTTC
GCGCGCTCGGTCGTGCCAAGTCGCCAGAGCTCATCCAGCGCACGCTCGCCATGGCCCTCA
GTGACGAAGTCAAGGGCCAAGACATCTACCTGCCCATTGCTGCCTTGAGGTCACACGCAG
AGGGCTGTCACGCGCTTTGGAAGTGGGTCAAGGACAACTGGTCGGAGCTGGAGAGAAGGC
TGCCTCCTAGCTTGAGCATGCTAAGTTCGGTTGTTGCCATTACAACATCGGGCTTCACTC
ACCGGGAACACATTGAAGATATCCAGGCGTTCTTCAGCAGCAAGAGCACCAAGGGCTTCG
ATATGGCGCTGTCTCAGAGCATCGACGCCATCAGTGCCAAAGCCGCATGGCTTGAGAGAG
ATGCGGAGGATGTCAAGACGTGGCTGCAGGAACATAAATACCTACAGTAGAAGCAGAGTG
TTGTGTGGATTGTTATGAACTATGGCTGTACAAATAGATGGAGATGAAAAGCATATACTC
CCTGCGCCATCAATCCATATTGTCCCCAACAAACACAATAAGCTTTTTTCACGTTGGCAA
GTCTAAGAATGACGTCAGTGTACATACCATAAGCGTAACTGAACAAATGCACCACGACAA
CCTCTGCGGTGCGGAAGGTCGGCTTTTACAGAGATGTGAGTTTAGTGTGACGTGAATTCA
TTCACCACTTCGTAGTGTAACTTCAGATGTGTGACCATGTCAGCCTCTTTCCTATGACGC
TATTGTACATGATGCTCATGGCTCTTTCTTGAATTATTATCAACCAAGTCTAGGCTATGG
TTCTACAGCTTCTGGTAGTCTAGCTTGCCTTCGAGCTTCTTTGACTCGGCCATCTTCCGC
ACTGCCTTGTTGAAGTCGTCCTGGTTGATCGAGTCTCGGTAGTCCTTGATGGCAAAGAGA
CCACTGTGGTAGGTTAGCCATACTGTAGTCACACGGGAAGAAGATACTTACGCTTCTGTG
ACAACGTTGCGTAAATCGGCGCCGTTCATGCCATCGCTCATCTTGACAATGCTCTCAAAG
TCAATCTCTCCGTCCGTCACTACGCTGCCAGAGTGGATTTTGAGAATCTCCAGACGTCCT
ACTTCGTTGGGCAGGGGGATTTCGAGCTTGCGGTCCAGACGACCAGCGCGCAGAAGAGCA
GGGTCGAGCGTATCTGGTCGGTTTGTTGCCATGATGATCTTGGTCTGTCCTAGGTAGTCG
AAACCATCAAGCTGATTTAGCAGCTCCATGAGAGTTCGCTGAATCTCACGATCTGCTGAA
GTTCCCTCGGAGAAGCGTCGTCCACCAATCGCATCGATCTCGTCCATGAAGATGATGCAG
GGCTCGTGCTCCTTTGCGTACCCAAACATCTCGCGGATCAGACGCGCCGACTCTCCAATG
TATTTGTCGACAATGGCCGAGCTGACAACCTTGAGGAAGTTTGTCTCGAGACTGCTCGCC
ACAGCACGTGCCAATAGTGTCTTGCCAGTGCCTGGCGGTCCGTAGAGCAGCACTCCCTTT
GGCGGCTTGATGCCTACTCGCAAGAACAGCTCTGGGTTCTTCAACGGCAGCTCAATCACC
TCACGTAGCTCTCTAATCTGCTCATTGAGACCACCGATACCGCCAAAGCTAACCTGACCC
GGGTCTTCGAGCGACATGTTGTAGACGAGCGGATCGACTTCGCGGGGGAGCATGCGCATT
ATGGTAAGAGTCGTCATATCCAGAGCCACGCGGGTGCCTTGCTTGAGCTTGGCCTTGTCG
ACCTTTGACCGGCATCCGACGACGTAACGGGGCCCTGACGATGCCTTGACAATGACTGCG
GGGAGGTTAGTGTGGCGTCTCTCTCGGTGATGCAAATGCCCACGTACATCGCTCCTCGTC
TAGCTGCTTCAGCACCTCTCCTATTATCTGGCCGACGCTCTGCAGCGCCTTGATGTTGTC
TTCTGATACGTCAAAGTCGTGCTGGAGGCCCTTGATGTCCAGTCGCAGCGCCTTGAGCTT
GGCCTCCCATTCTCTCGACTCAAGTAGCTTGGACTTGTAAGCTTCGAGGGCGTGTTCCCG
CTCTTGGTCGCCGCTTCCGCTCATGGTGAGGTTGTGCGGTGGATGTGAGTGTGGTTGTGA
ATGTAGTTGTAATGGTGCAGCAGGTGCGGGAGGCGGTAATGGCAAGGCGGCCGGGTTTGG
TGCGGGATCAAGGTGGAGGTGTAAAGCTATGTGCGGTCAGTGATGGCGAGTTCCAGCCTT
GGTCCGGGTGAAAGGTGGGAGGGCGAAGTGTCGGTGGTGATGGCGATGGTATTGGTGCTA
TCGCTGGTGTTGTTGCGGAATGCGGGAGACGGTCCGAGAAAGTGAGAGAGCGCGGCGCGT
CGTTGGAAGCTCCGACCCTGCATCATCGAGCCTGCCTGTGACAACCGATCCGTCCACGAC

AAACACACTGCACCTTTTTCATGATGCAAGCCAACGGGCCCCCGTCGCCGAGCAAGGCAA
AGCGCTCGCGTGCCGAAATGGAGGCTGACGGCGCCGTCTCTGCAAGAGAAGCTGCGGCCC
AAGTTCAAGACGGTATTGCCATTCCGCACCTCTCACGCGCGCCAACTTTCTCACACCCAC
TCTAGACGATACTTCCTCCGACGACGATGACTTCGGTCCGGCTCTCCCCTCCTCGGCGCC
CAAGAGGAAAAAGCGCAAGCTGCCGTACGAAAAGCTCTATGTCGCTGCACTGCCCGGCGC
AACCCGTTACTCCAAATCACTCATGCATCGCGAGCAACTGTGCTTTACCACTTTGACGCC
CCACACCGACTTCCTCATAACGAGCTCCGTCGACGGCGTGGTCAAGTTTTGGAAGAAGGA
CTTTGGCGGTATAGAGTTTGTCAAGGAGTTCAGGGCGCACAATGGCGAAATCAAGTCTGT
CAACGTGAGCGCCGACGGCCGTAGCTTTGCCACTGCAGGCGCCGACAAGACGATCAAAAT
CTTCGACGTCGTCACCTTCGATCTCCTGGCCATGCTGACTGTCGAGTATACCCCTCGCGC
GGTTTGCTGGCTGCATGGCCGAGGCGCAAGCTTTCCTCAACTCGCCGTCAGCTCCGAAGA
GAATGGTTGGATCCGCATATACGATGGCAGGGGGGAGAATCCGGAGCCTCTGCAAACGCT
CAAGAGTGTGCACAGGGCGCCTGTCAGCATAATGGCATACAACAATGAATTCGACTGTGT
CGTAAGCGTCGATCAAGGGGGTATGGTCGAGTACTGGAGACCCAATGGAAATTATGAAAA
GCCAGACAACGTATGGTCGCTGAAGAGCTCCACCAACTTGTTCGAGTTCAAAAAGTCAAA
ATGTGTGCCCTCGTCGCTTACCATATCCCCCTCTGGGAAGCAGTTTGTCACCTTTTCCTT
TCCTGATCGAAAGGTCCGCGTCTTCGATTTTGCAACGGGCAAACTCTATCGGACATACGA
TGAATCAGTTGAAACCATCACGAGCATGCAACAGGCCGGCACCGCTGTCCAACACCTAGA
GGACATGGAGTTTGGTCGACGGATAGCCATCGAGAGAGAGCTTGACCAGCCTACTACAAG
AGGTCGCATGAATGTCATATTTGACGAGACAAGTAATTTCATCCTATATGGCAGCATGTA
CGGAGTCAAAGTCATCAATACGCTGACCAACAAGCTCGTGAAGCTGTACGGCCAAGAAGA
ATCCATCCGACCACTATGGCTGTGTCTCTATCAAGGTCAACCAGAGAAAAAGGGTGTCGT
CACGGTCGAAATGGCAGCAAGCGAGAACCCACTGCTTCAAGAAGCCGAGGCAAGAGACGC
CATGCTGGTCTCTACAGGTTCTGGCAAGGTCCGCTTCTACATGTACACCAACGATGCCAG
CGCTACCAAGTCGACCCGTGACGTACAGAACGAGAAACCTCGTGCCGCTGGCGCCAATAA
ACAAAAGAATGATAAAACACTCGCAGCAACGGGTACGACGGCAACACTCCACACTACCTA
CGGCGACATCACCATTCGCCTCTTCCCAGACGCCGCACCCAAGGCCGTGGAGAATTTCGT
CACCCACGGGCGCAATAACTACTACAACAACGTCATCTTCCACCGCGTAATCCGCAAATT
CATGATACAAACCGGTGACCCACTTGGCGACGGCACAGGCGGAGAGAGTATATGGGGCAA
GGAATTTGCAGACGAGTTCTCCAACTTGAAACATGACAAACCCTATACGGTGAGCATGGC
GAATGCTGGGCCAAATTCGAATGGAAGTCAATTCTTCATTACAACTGAAAAGACTGTAAG
TTTCCATCTCCCCTCCTCTCTTTCTCTCTCTCTCTCTCTCTCTCTCTCCATCAATCACCT
AATGATGAGGCGACACGCTGACTGTGATTCATGTGTAGCCCTGGCTCGACAACAAACACA
CCATCTTTGGAAGGGCGATTGCGGGTATGGACGTTATTCACAAGATCGAGAACACCAAGG
TGTACAAGGAGAAGCCGGAGGAGGATATCAAGATTATCAGCGTCTCCATCTCTTGAAATC
GCAGGTGATGGGACTATGAACATGATGGCCGAGCACGAGAAGCAGTTGCTGTATCGCCTT
CAAAATGGGGCAATTGTACAGACCCACCCACTGGTTAGCTTTGATACCTAGTTGCACTTG
AAGGAATGCAAGTGTACTGGGACTGAACCAAATGACCAACTTGCAAACATTACGCCTACC
ATGAAGTTGACAGATTTGATACATTAATCCATATTTATTCTTCTCCTATCAATAATACTG
CTTAGGGTTCGATACGTGTTCGTTTGCCTTATGGGCCGGTCTAAAATGAACGCAACAACT
GCTCCTCAAGACGACCCAAGACATCATTCTGTGACACGATGAAACGCCGCCAAAGCCGTG
CGCCCTGAACCCAGACCCGCTATATGATTCAAACAACGCCCGACAGTGAAATGGAACTGC
ACATCATCGCTACCCAAGTTCCTGGTATCATATGCGAATGCATGCGAGTACGCCGAAGCC
CTCCATGAGGCGCCTTTGTCCCCAACCAGGCAGAAAGAAAGCTAAATCAAACCCATAAAA
GCAAACCAGAGTGGCGTGCAGACCATCCTGTTCCTAGACGCCAGTAAATGTAAAGTTGTA
TGCAAACGTGTAGCACTCTGTGCTCTGCGGAACTACTTTGCGACACCCTGAGAAGGCGAG
CTGCGACCGACGGAGTGTGGTGCGGGCGCACTGGTGATGGAGGTGCGCTTTTGAGCCCTG
AGTGCATCAAGCTTTTTCTTCAGCGCTCGTTGGCGGCTTCTCATCTGTTCGAGAACTGTA
GCAGTTAGCTGTGTATCCCTCGGAAGACATTGTAACGGCACTTACGCTTCTGGATCGAGC
GTCGGTCTTCACCATCGAGACCATTGATTTCCTCAGCATCTGCCTTGTCGTTGGGCGAAT
CTTCCTCTTCTTCCAAGACAGCTTGAAGCATTGTGATGGCAGTCCAGTAATTAATATCAC
AGTCGGCCAGATTGTGTCCAGTAAGCTCATCAATGGCTGCCTGGCGGCTCATTTCTAGGG
ATCGATCGTATAGCAGCTTTTCGGCCGTGACGCCAGTTGTAAGCAGAATATTCTCGGCAG
AACCAACCGCAGTCGTAGAACCAGATGCCGCTGACTGATTCTGAGGATGACTGGGATGGT
CTGCTGGTAGCTGCTGCTGTGCCTGCTTGAGCTTGCGTGCAACTATCTCAGATTTGACGC
AGCACTCGTTGAATCGGTCGCGCATCCAAGAGACTACTTGGCCAAGTTTTGCATTAGTTC
GGCTTGCACCGTCAGGACCGCTGTTACGTCGAGTTCGGTTCCAGTAACTACCGGTCAAGT
CCATGGCCTTGTTCAGCATTGCCAACGTTTTCACAAAAAGTACCAACGCTTCCTCAGAGA
TGATAAGAACAGTATCGGGCGTCAGATCATCGTCGTCGTCATCCTCGTCGTCAATTACAT
CGCTACTAGGCTTGCGAGCAACGCCAGTGGAGCCGATACCTAGAGCCGGGTCGCTTGGTG
CAACTGGGACGAGCTGGCTGTACTTGACTTCTGCGAAGCCGTAAACAACGTGGCTGAGCT
GCGCCAGATCTTCAATTCTTTTAACCGTACTAGTGTCTTCGTCCTTGCCCACCACTTTGC
CTCCATCGCCGACCAGCAACATGCTGCTTTGCGCAGTTGGATACGCAGGAAATGCAGAAT
AGCCCTGTGGGGGAGATACGCCCTTCATGACGGGTGGTGACAGACCAAGCCCTCGAATGT
TGACCATGTTCATAGCCTTGGACAAGGCAGAAGTAGCGGTTTCGAAACTTGGACGATACT
GTCTCCGACTATATGAAGCCGTGCGTTGGTGGGTAATGGTTGGCTTTTGTTGGATCTGGA
TGGCCTTGGAAGGGACTGCACCAGTGGTCGATGTTGGGGACCCTTGGGTTGTCGAACGTC
GCTTCATTGGAACTTCTCGGTGAACGAGACGATCTCGTTGTGTTTGCGGGCTATTGGCAA

TCTCGTCTGCGAGTGCGTCGATTTCCACACGGCGCTTCTCTACAAATACAAAGCCCTCGT
CAAGCGCGTTGTCTTGTGCAGCTCGTTCTGCCGCTTCTTTCAGTACGTTGGCTTCCGCTC
TCTGTGGGATCCGCTCGCGGTCAAAGTGCTCCTTGAGGCCGGTAGGTGTCGATGCTTGCT
CATCGCGAGAATGTTTGCGCCTATGGCCGATGGTAGTGGGTGCGGCGGTCTGATCCTGCA
GTGTAGCGGTACGTCCTGGTGCGGTTGCCGCGTTGGTAAGAGTGGGTCGGCGGTGTTCGC
GAGTCGACATACGTTCGTCGCTAGGATCGGCCGGGGCATTGTTGGCCCTTCGTGCAGAAA
GGTGTTGCGGTGGAGTGCCAGAGAAGTTACCGGAAACGGGTCTAGAGCTGGGCCGTGAAG
GCGGCGTTGTGCCAGGGGCTGTCGTCCTGTCTCTGGGCAATGGCGAGTATGGATTATCAG
GAGCCCTTGGATCCATTTCAACAGGCGCTTTCTGTAGTCGTCTAGGTGGCTCGATTGGTG
GTTCTAGTACAGAGGTTTGCATACGCTCAGAAGCTTGCATGGAGCCAGGAAGGTCTTCGT
CCACCATGTCTGGAATTTCATCACGGATGACCGGATCTGAGAAGAAATGTTCATAAGACA
TGCGCTCAGTTGGCTTACGCTTCAGGAGTGCGCGGATGAGAGTCTTCATGGCCCTGCTGC
TGACGAGACCTTCTGGGAATCGGACCTGATCCTTGCGCTCTTCGATTTTGCGTAGCAATT
CTACGTGGTTGTTGGCCCTAAATGGTGGCCGAGCACACATCATTTCGAAGAGAACGGTTC
CCACCGACCAGAGATCAGCTTTTGCATCGTACTTTTCATATCGCAGAATCTCTGGTGCCA
TGTAGAGGGGAGAGCCGCAGAGGGTTTCGGCCAGTGAGGTAGTTGGCAGAATCCTAGCGA
AGCCGAAATCAGCAATCTTGAGCATGGGCAACGAGGCAATGCCAGTGGCGGGTATCAAGG
AGTTTGCGCTGGCGGCCAAAGGCATGCGTTCCAGAGTTCCACTCTGTGAGTAGAATATGG
ACGATGGATTGAGAAGCAGGTTCTGGGGCTTCAGATCACGATGGATGTAATTCTTGGATC
GCAGAAACTCGAGGGCGCTGGCCATCTGCTTGGCAAAGTGGCGTACGACGACCTCGTGGA
GGCCGCCCACGGCTGGGTTGGGGTACTTTTCTATCATGCGCTGGGTTTGCGGGTGGTTCA
CGAGATCGGAGCGCTTCTTGATGAAGGCTGACAGGTCGCCGAGTTCACAAAACTCCATGA
TAATGTGCATGCGCGATGGCGTCTCGTGGCAGTCGATGAGCGACACGATGTGTGGGTGGT
GCAGACTGCGCAAGATGGTGATTTCCGAGACGAGGTTGTCTTTGAGCTTCTTGTTCAGCT
TGTTCATGTTGACCGACTTGATGGCGACCGACTGCCGTTTCTCCTGTACAAGGACGCAGT
TAGCACTCGATGCATGCTTGAGAGTGAGGGCAGCAACGTACAATGTGGATGCCACGATAG
ACTTCGGCGAAGCTGCCTTTGCCAATGTGATGCAAGCGCTTGAACTTGCCGATAATCTGC
TCCAAGCCCGTGGCAGCGGGTGACGACGTCGACGGCGATGCACCCGACCGCCGTGGGGCG
TGCGGGTTTGGGGGTGAGGCCATGGTAGGCGGCGCTGGCTGAGCAGCCGGGGCCCGGATG
AGGCTGCTGGTGTCTATGTAGCCAGTCGTCAGCTACCAGCGAAGATGTGGGTATAGCGTG
GCCGTGAGGGCGTTGGACATGAGCTATCGTCGTGGTCGGGCTATCGATAGCGCTGAGGGA
TGGTCGTGGTGGTGAACGCGACGGTGGCGGCAACAAGTATGCGGGCGCGATGGGCAGATG
AGCGAGGAATACGTGAGATTGGATACAAGAAAGCAGAGCGGCGGAGAGGGTTAAGAGATT
AGGAGAGCGAAAGCATGCAGCGGGATAGTAGGTAGTGGTCAGTAGGCGGTAGTCTGAGGC
GCGCGGGACGTCTATGGCCGCACGTGCCGATAACGCGTGCTCGCCGCTAGCTTGGAACCT
CAGAACCTACCTTACAACTATCCTACTGCAACTAGGACAACGTCGACCAAACTCTGTTCA
ATCTCCTTGCAATAGCCTCCTGGACACGCTCATCGGGTTCGACGGATTTGCTTGTCATGG
TCCGTGGCTGCCATGGATAAGTTGCAGAGTGTAGAGTATGGGGCATATCGCTGACCCATA
GCCCCTCATTTGGCCGCCGACGTGACCTCCACCAGCACTACTTCGTCTCGCCCAACTCTG
ACGTAATTGTCTCGAGGCTGTAGATGCAAGTCATGCTCCCCTGCGCAAATGGCCATGTGC
ATGGTGTTTTAGTAGTACCAGGCTATCTACTGCGTACCTGCATCCCGCCTGATGTGGCTG
AGTCCGTTGCCTACAGCCTGACACCCCTCACAAGAGCCCATAGTATGACTGGCACTATCA
CATTGTCGTTTCCGCCTGTGAGCACCGCCTCATTGAGGCTCGCCCCCGCCGCACATAGAC
CTGCCTTGCCGACCATGAGCAGTGCGTCTTGTACCCACTCGCTCGTTGTCTTCTGCCCTG
CCTGGCCACTGTCCCACCCAACGTCAAGCCAGACTCTACTCACAACGAGCCCTATCGACA
CTGCAAATGCAAATGCCAGGGAGCCCTCGAGTGACTTGCCGCCGGCCCATGGCCACTTCC
GCCGTCCGTAGCGACGGCCCATGAGAGATGCCGCGGCGTCGCCCATGCCAACACAGACCA
CCCCTGCCACCATACTCACATCCCTATCCTTGACATCCCACCCTTGCCATGGCTCATCGC
CAGCCCGTTCTATACCTGCGAGCGATAGCCAAAGCGGTATTGCGCAGCCTATGAGGAGAA
AGATGTGTGATACTACTACTGGACCCCGGAGATCACGACCGTCTACGTACGGCGTGAGGA
ACCTAGCAATGGGTTTCGACAGTGGTGGCAGTTGCGAGGCACGAATCAGATCCAGAAGGA
GAAATATCGCAAGCACCAACGCAAGGGCTAGTGCGACAAAACAAGGATCGATGAAGATGG
TCGGAAGAAGCATCGCGACCATGGTGCCATGGAACACCTTTCTGCGCGTGTCGACTTCTA
CAACCGCGGAAAGCGAAAAGACTGCAACAAGGCCAGCAATGATAGTTCCGGCGCAGTACA
AGCACAACAAGAGACGTGTGTTTGCTTCGCCCACCACTAAGAAACGCACATACTCCGCAG
GTGATAGATGCTGTGCGGATTCGAGCATGGCGTCAGAATCCAGTCTCGTCGGTAGTGGGA
CCCACCCGTCCAAATTCCATTGGAACACCTCCCATCGCACGCGCGGTACATTGCCGAAGA
GGTAGCTGATGGCCCATCCGAACGGTTCGTTGTGGTGGAGAGCATGTTCGCCGATAGTAT
ACCGAATTGGTCCAAGTATCAGCGCGACTACAATCGCATAGAAGTATCCTGCGTACAACC
ACTTCCTCATGGTGGCTTCGGTCGGCGTGAGCGACAGGTAAGACTGCACAATTGATCTCG
ATCGTTTTCGACTCGAGTACTGATGCTTTGATGTATGGTCTTCAGCGACGAGAACTGGAA
GAGTGTTCCTTCGCCTGCGTCCGCTGCTATGGTTGGCTCTTTCGCCATCATTCGATTGCT
GAAAGCCCGTGTTTGTCGCTTCAACCGCGGATCGTGGCTCATCGCCGTCCATGCGAAGTC
TGCTATGTTTCACAGAATCTAGAATGTTGACTTTCAGACTCTTAGTCTTGTAGAGAGCAT
TTTCAAATGCAGGATCTTCTTCGTCCGCATCACTATCACTCGCATTTCTCACCGAACCAC
TCCCGCCGCGCCTGGAACCCAGGCTGTGGTTCAGGACCTGCAAGAAATTCTGTCGAGCTC
GGATGACTTGGCCAGCACGCCGAAGCCTCCATCGCGGAATGCGTGCAAGTGCAACACCCC
ACTTCAAGATCCTGCCGCAAAGCAAGAAAACACCCAGCCCGCCTAGCCACAGCAAGACAG

TGAGTATGGTTGCTTGAGGAGTTTCCGAGAATAAGAGGAGGTTGATGAGCCCAATGGAAA
GCAAATGCAACTCGGCTGGCAAAAGGCTCGTCGTGGTGAGATAGTACAAGGGCGGTAGTA
GCGCCTGATGCAAGGGGAATAACATCACCAGAAGTTCTGGGTCTACACCTTGGTTAGGCG
GGGGTAACTTGAGCTTGTATGGTGTCTGTGCAAACAGCCGAGAGGGTATATCGGTGTTCT
CTGAAACGATCAGGGGCATGATGGATATCAGCCAGTGCAGAGGAGAGTAGCCCAAGGTAG
CGCTTCTGAAAGGAACAAGCCTGGCTGGTAAAGCGGCTAGTCCAAGCAACATGTTGGGTA
GAAGGGGCTTTGACGATGAAGCAAACAGGGAGATCGCAATCAGGACGGGCAATATTGGGG
GGTAGAGGATAGTGGCCGGATCGAAGGCGGCTGGTAGATGTATTTGACGGCCAAGCCGGA
GTTGAGAGTGATTTCTCCATGAGTAGTACAGAAGCCGAAGCGGATATAGCCCCAAAACGC
CAGCCATGACAGAACAGTGTGTCAACAGCTCTACTAGACACAGGTCAGCATACTTTGGCG
CAGGCAAGGGATGCGGACTGACCTCTATGCCATGCCAGCAGTTTGGTCCAGCAGTCGCAA
CCACGGACAGCCAGGACGGCAATGCCCGCAAGCAATGCAGTCTCGGTCGTTCTCCTGACC
AGCTCGTTGCGCCGCCGCTGGAGGTATCTCTGCCTGGCCGCCCTCGCTTCGTCGTCGCTA
TGGTATACGTCTCCCTTGCGTCTCGTCTTGTTGTTGCGAGCGAAGTAGCCCTCGGAGAGC
TTCCTCCCCTCATCGTCAATCTGTGTGGGGGTGAGGAGGGGGCTCGCCCACGCCTCTGTG
CCCAATGCCTGGGACTCACGGAGGCCCTTGTGCGGTCGCAAGGGAGGAGCAGGCAGTGCC
TTGACAAGGCTGCAGCCCTCGTCGTCGGCCTCGGTGCCGCTTTCACTTGGTGATTGTGAC
GGCGTTTTCCTCATGGTCTTGTCTAGGGGCCGGGGCGGGGTTTGCGATTGCGATTGCGAG
TGCAGAGAAACGTCGTGCACCGGATCTGGCGACCGTCTCCGTAGCTGATCTCTATGATGC
AAGTACGGGTGGGGCGAACGGCGGAATTGGTCGAGTTGTTCGATGTCGTCGGGCGCAGGC
GCAAACGCATCCAAGGGCGAGTCTGGCGGTGCCGTCTCTTGCGCCATCATGACCTTTGCT
CTGTTGCTTGTGCCTGCACGACTACAGGGAAGTCGCGCGGCACAATGGTCAAGGGTTTAT
CGTGGATGCACGCACATTCAAGTCATATGAGGCGACAGTGGCCGAGGGTTGGCAGCGGTA
TTTGCGCTGTGTCTGTTAGCGAACCGCTCTGCCAATTGTACGTGCGATGCAATGCGATGC
AGTGCAATGCAAAAATCACTGAGAGAAGACAAATTGGCGTGTCGAGCGGCGCCGAATGCA
GCGCATGTCGTGTCGAGTTGGCGATCCTCACATGTGAACACGGTGCAGTCGGAAGACGCG
AACCCATGCATGACGGAGGTCTTGCTTGGCGTTAGGGTCCGCAAAAAGTTTCTAGCCAAG
ACAATCCCTACTACACAGATCTCTTCCGCGCAGGTCAAACGGCAACCACAACCATGTCGT
CGTCTTTCTTCACCACGCCGGCCTCACAACGGAAACGGAAGCGCGGCGAGGTCGCGGCCA
GCGCCCCCAAACGTCGCAACACGGACGCGCATGCTCGTCACTCCCAGCGAGAAGAGTCCA
TCAGTGGCAGCGACGAATCCGACGGCGACGGCGCACCCACCTTCGACGACGACGAAGACG
ACGCAGACGGCGGCTCTACCACCTCTGAAGATGAGAACGAGACTGCGGCGGAAAAGCGTC
TCAGGTTGGCAGAGCGCTACCTCGAGAACATTCGCAACGAAGTCGAGGAGGAAGTGGGCT
TCGACGCCGAGCAGATTGACAAGGACCTCATCGCTGAGCGACTAAAAGAAGACGTCGCAG
AGGGAAAGGGCAAGATCTACCGGTCAATTGCCACCGAGCTTGACTTTGAGCATGCATCGC
ATGCCACCGGCTACTCGGGGCTGCAAAAAGCCACAACAGGATGTGCCGTCAAGCTGCCGT
ATGCCTGGACCATCAGCAAAGATCTTGTCGTTGAGAAGTGGGAAATCGCTGACCCAAAGT
CGTATGCGCCTGACCCCAGCCGACCGTCCAACTTGACGCCGCGCACTACACCAAAGAGGC
TCCTCTGGCGGAAGGGAAACAAGAACAAAAAAGGCGACCGCGCCTTCCTGGGCCACACAG
GCGAGATCGTGTCTATAGCCGTCTCCGACTCGGGAAAGTACCTGGCCACTGGCGACAAGC
ATGCTCGTCTGATCATCTGGGATGCCGACACTCTTACACCCCGTCACCTCTTCACTCGCC
ATCGAGACGCCGTCCTCTCTCTGTCCTTCCGGAGGGGCACCGAACAACTCTTCTCTGGCG
GTGCAGACCGAGCTGTCATTGTATGGAGCGCGCCGGAATCAGCATATATTGAGACGCTTG
TCGGACATCAGGACGCTGTCATTGGTGTAGCAGGCGGGCTGGAGCTCAATCAGGAGACTT
GTGTCAGTGTAGGCGCAAGAGATCGCACCGCTCGCTTGTGGAGAGTCGTCGAGGAAAACC
AGCTCGTGTTCCATGGAGGCGGTACGGCTAGACAAAAGGGCCTGGACAAGTTGCGCAAAG
GTCGATTCGGAAAAAATGTTGATGGAGACGAAAAACAGGATGAACAGGCTAACGGTGGAA
CGTCCGACAACGACGATGACCCGCCCATCGCATATGCTGAGGGCTCCATCGACTGCGTGG
GTCTTCTCGACGCCGGCTTGTTCGTTACAGCATCTGACAATGGTGCACTGTCGCTATGGT
CTGTCAACCGGAAAAAGCCTCTCTTCACATACCCACTCACTCACGGCCGTGATCCACCGC
TCTCGCCCGAGCAAATGTCCGCCAACGACGACGCGGCAACATCAGTAAAGCCCGGTCCCC
GGCTTCCACGATACGTGACTGCGCTTGCTACTGTTCCTTTTGCCGATCTCATCCTTACAG
CAAGCTGGGACGGCTGGATACGCGCGTGGAAGATTACAGCGGACAAGAAAAGCATCGAGC
CAGTGGGCAAAGTAGGGCGCGTACCGACGGTGGAAGACGAGTCTATGGTCAATGGCGACG
CCAAGGACGGTGCTATCCTTATACGAGGTATCGTCAACGGCCTTGCGGTACAAGAGAGGG
GAGATAGAGGCAAGGATGGGCTGTGCATCGTAGCCGCCGTAGGCAAAGAGCCCAGGCTGG
CTCGATGGATGTCTGGGAAGGTCAAAAACGGCATTTATGTCTTCGAGGTGCCTAGAAAAG
GCTTGACCAATGGTACGGCAGACGAAGACGAGGAAGATGAAGAGGAGGAAGCATAAGCGA
AAAGCATCTTGCATTGTCAGGCGTTTGTGGATGCATACTAGATACCAATTCGATCACGCA
TTTGGTGCCGAACCTTGCTGTCGGCCTCTCATTCGAGATGGTTTCCTCCCGCCCAGCTCA
CATGTGGTTTGTATGCGCGTAGTGCCTTCTGGAATCGTGTCTGTGTCTCTTGTTAGGCGC
CTTGTTCCCATGACCCTGTCGTTGCGTTTGAATAGCGCGTGGCTCGAAAATACAAAGGAG
ATGGGTAAGATGACCACAGATACACACATAGGCCTACTGCTTGTTCGACATCAACTGCGA
ATGTCTATGCAATGGTACGTTATCGTCAGAGGCAGGAGTATTATGCGTATACCTCCCGGA
ACACGCTAAGGTCTTTTGGTGTTGGAATCGAGAGCGAATTCAGTCCTGGAAGTATACATA
GTATTTTGTGATACAGTTTTGCGAAAAAGTAATAGTGTGTAGCTTCAGGGCAAGGAGGAT
ATTAAACTGCTGTGAAGACAATAATATTCCCGTAGTTTGCAGTACTACAGACACAGCGAC
TGGAGAGTCAGGCCGGCATTCCAGGCTTCTAGGCGATCTGTCTACCTGTCCACGACCCAT

ATCGCGTGTTGTTGTAGGCGAAAAAGGTTTACGTTCTTTCCTCGAACGACGTGGGTCCAG
TATGCAGCTAAGATAGGCGAACGGCACGCACCGGCCGATGTCGAGAACCCGCTCCATACG
TTGGCTTTGTTCGTTGTTCCAGTTCTGTATTGGAACGATGGATGGGCGTATACTGGACGT
GGTTCATACAGCACGCTGTCTTGGTACGTGAGCGCTCTGAAACACGTTAGAGGCAGCTTG
TTCCACAGACATGCTCTGTCGACGGTGACGTTGTTGTCGAATAAGCAAACAGTCGTCGCT
CCTCATGACTACACGTGTCAGACACCCGACTATGCCCTCGTTGGGCTGCATGAGCCGCAT
CGTTTGGGCTGCTAAGCGGTCAATGAGGCCGCTGAGTTGGAACCACGTAGCCGACTAGAC
AAAGGTAGCATGACTCCCAGCGATGGCAGTACTGCTGCAGGATGATGAGGTGAATTTAAT
AGCAATGGCAACGGGCACTGTAGATGGAGTATAGTAGAGCGGCTTCCACATCACATCGCA
GACATCGCATCGCTGTCGTCATCATCAAGCATATCTACTATTGCTTCAGCCAGACTATGT
CCGAGCCAGCACAATCGTTTTCTGCGCACTATTGTCTGGACTGGAGGGTTGGGCGCCGGC
CTTGAAACACGAATTCCTACTATATCGATTTGACGTTAGAGACAAGACCGAAGCACGACA
CGACACAGCCGCCTAGTTAGAACCAAACCGTTTCGGCAGCCAGGGTTGACGCTTTTTCTG
CTCTCCTGCCCTCCCCAAGACGTCGCCCGACTGTCCCGCCTGACCACAGTCTGCCGTGGA
TTCTGAGATTGTTATTGTTTACCCATACGCCACTGGTTATAGCGTACCGTTTTTGTGCTT
AGGCAACCTTGGACCGCAACCCATCTCCTGCCCTGCCCCGCGTTCTCCTAACATCTTCTC
GCGCCCGCACCTGTGCTCCACCTCCAATCCTCCCTTCGCCCACACCGCACCGCACCTTGC
TCGCGCACCTCGGAACCCTGGACTCGGCCATTCTCTAGCAGAAGGAGGCTCGAGTGCGGT
TCCGTCAGCACCACCAGACTCATGCCGTTAGTCATAGCCCATCTCCCCCAACGTCGCGCC
ATGCCCCATGCTGCGTCGTCGCGGCGCTCCGCTGTAAAGTCGCGCGCAACACACAGCACC
GCGCCGTCGAGCGTGCCCATTTCTCCTCCCCAGCGCCGCTATCATGTCAAGGGCGACACT
AACGTGGCCATCAGACTCCGGAAGGGAATCACAGTCAATAACCACACGGGCGCCTTCGAA
GACGACGACGACTTTACCGACGAGGACTCGGCCGGCATCCAGGTAGTCTCCGCTAGCGAG
GACGAATACACCACCTCGGAGGCGACCGACGAGGAAGACGACGAAGAAGACGAAGAGGGC
GAGGAAGACGACGACGACGAGGAAGACGAAGACGAAGACGACGACGAGGAAGGCTCGTGG
GACTACATAGAGGACGAAATCAACCCCTCCGACTCGGCCTCGCGTCCACAAGTCGTCAGC
AAGCACCACTCGGCGCCGCGGCACGCTGTCTCGCATCACGCTGTTGCACGCCACGTTATT
CCCCCACCTGCTATAGCCCCTCCACGTGGACCACGCACAAAGGCCTCGCACCGAGATCGA
GCCTCTTCGCGTCACGCAGCGCCCGTCCCAGATCCTCCCTCGCGCCACGAGAGCCAAAGT
CGTAGCCGCAGCCGCAGCAAACTGGAGCGCACACGCAGGTCGAGGCGGCCAAGGCCCCAA
TCCGTCCATCAGGACGCCCTCGAGGTCGAGGACGACGACTACCCATACGGAGCCCCGCCC
CACCCTGGCCATCCTCCCGGCCATCCCAGTGCTGGCTGGGGCCACATACCCCAACATGCT
CCCAACGGCTATGCGCCCAGCTTGATGTCGGATCCACGCTACCCCTACGGCGGCTTCCCG
GGCGGCGCACAATCGCCCCCGGGTCAGCTGGTGCCCTTCGGTCAAGAGGCACACTCGGCC
TATGCTCAGAACCCCTTTGCCCCTAACGGCCAGAATCCTTTTACTCAAGGTCCTCCTTCG
GCTGGCGATCCACGCGGCGGTTACTTTCCCGATTACCAGGACCCGCGCCATCAAGACCCA
CGCCATCAAGATCCGCGTCAATCACGTAGGGGTCATCGTAAGTCCATGCCGGCGGCGCCC
CAAGCAGACATGATGCCTTATTCACCAATGGGCTACTACCCACCATACGGTGCTTCGCCC
TATGGTGGCATGCCATCGCACATGTATCCGTACGGACATCCAGAGCATCACTCTCCACCT
CCACAACACCCGCCTTCGCACCCACCCTCGCATCCACCCTCGAAGCGTCCTACACCGAAG
CCCCAGCCTCCGCCTGAAGAAGAACATCATGTCCCCGCTGCACCAGCTCCGCCTCCACCT
CCACCTCAGCCTCAGCCAGCCCAAACCCCTGCTGACCAGATGCAACTGCAGACGTTGCAG
CAGCTTATGCAACAACAGCAGTTGCAACAGCAACCCATGCAACAGCAACTCATGCAGCAG
CCCATGCAACAGCAGCTCATGCAACAAATGCACCCTATGGCTATGATGGCTCAACCTCCC
CCTCCGCCTCCCGCTCCCGCGCAACCTGATCCAAAGGAGGAGGGCATGCTCTCCAAGCTC
GAGAAACTCTTATTGGGCAAGGAGGAAGAGGAGAGAAAGGCGGCCGAGAAAGCAAGAAGA
GACGCTGAATTAGCCAAGTTCGATCGCCTCGAAAATCTGCTCATAGCCCAACAAGAGGCT
AAAATCGAGAAAGAAAAGGCTAAGAAGGAGGCTGCCGAGAAGGCTGCTCAAGAAGCTGCC
GAGGCAAAGAAGAGGGGTGATGAAGACAAGCTCGCCAAACTCGAAAGCCTCATCCTTGCT
CAGAAAGACGAACAACTCAAGCGTGAGGCGGCTGCAGATGCGGCTCGAGCAGCCGACAAG
GCAGCTGCAGATGCGGAGGCAACCAAGATTGCAGAAGAAAAGAAAGCCGCTGCCGAAAAA
GCCAAGCTGATGCTCGAAGCAGCGCAAAAGGCACGTGAAGAAGCTGAGAAGAAAGCCGCC
GCAGAAGCCGAGGAGACCAAGAAGGCCCATGAGAAGGCTTTGGCAGAAGCCAAGGCTGCT
GCGGACGACCTGGAAAAGGGAAAGAAGGCTGCTGAAGAAGAGGCCGCCAAGTTGAAACCA
TCCGACGCTCCAAAGGCCCCAATCAAGTTCAAGGATGCTGTTGGTCGCAAGTTCAGCTTC
CCGTGGGCTCTGTGTAAAACATGGAAGGTAAGTTGTCTGGGTAACAGGTCTCAATTTGGA
GCTAACATTCGGTCAGGGCATGGAAGAACTAATCAAGCAAGCTTTTCTGCACGTCGATGT
GATTGGCCCTCACGTTCATGAAGGCCACTACGACCTCGTCGGACCAGACGGCGAGATCAT
CCTCCCCCAGGTCTGGGAAACCATGATCCAACCAGACTGGGCCATTACTATGCATATGTG
GCCAATGGCTGAACCCCCGCCACCACCACTGGAACCGCCCAAGGAAGCGTTTCCTCCACC
ACCGCCCCCTCCACCGGATGCGCAAGTGTTCCTGTCCAGCCACCTTCCGTTGAAAGGAAA
GGGCAAGAGGGACAAGAGCCAGAAACGCCAATCCCTCCCTCAGGCACATATCGTGCAAGT
GCCCCCTCCTCCTCCGGGTGTCATGCCTGGTCCTCCACCCCCACCGCCGCCTCCTGGACA
TCCTGCTGGTGGTTCCCCCCCTCCTGCAGTTGTCGTTATGCCCAGTGGCAGTGGCAGCTC
CGGAAGTTCTCGCAAGAAGCCTGCGCCATCACCTTTCTTCAGATGGGCTGCTGGCACCCA
AGTCAGGAAGAAGAAATAGGCTTGGTCGCAGAGAAACCAGAAATGGTCGACTGGATCCTC
TAAGGCTGCTGCGGAGTTGAGCGTCAGTGATGCTAGTAGACTCCTTCACGTTTTTGAACA
GTCATGCCCCGTCCCCGCTGCAGCGCTCTTCGGTTGGCCGCTTAAGCGCCGTCTCGATGC

TTCTTTGTTTTTCGCGAGATATACCAGGTACTGTTGAGGAGTCGCGATACGCGCCTTGAT
CTTCTGTCATTTGTCACTTTTCTATTCGAGGCTTTTTGTTTTCGATTACAAGGAAAAGTT
CAGATACCACGGTCGTTTTAGCGTCGTACATTTCGTATTGCGTGTCGCTTTGGCCTCTGG
ACTACCCTTTCTGGTTTGGCGTCGGCGTTGCGCTTGATTTTGATTGAAGTATATGGCTGC
GATGGTCAATGAACGCACGGACTACCGACTTATGGGACAATCGTGTGATTGGATCGATGA
GAGTTGATGATAATACGAGTAACGAATCTGGACAATGAAAGGAACGTTTATTGAAGCCAT
GTTGTATGTTGATCAAGACATATGATACAGATCCTAAAATGCCGATCAGCTTCCATCCGT
TGCCCAGACATGCATTAGGATCTGGACAGGGGGTTGATGTCGCTAACTTTCCTTATCCAC
CTACGTCATAATCTTTGCGCCCTATCCAAGGAACAACACGATGACCGTTAACTTCGAGTC
GCAGCTCCTGCAGTGGCTCAGAAACCGGATTTCGGCTTTCACTTGCTACGAAACTACTGT
CGATACCTCATCAAACATTTACATGTTCTGCTTGTAGCGTCGAAAAGTGTTTCAATACAG
TCCACGCACGAGCTTTGTATCTTTCATCAGGACATTCACTACCCTTCGTATTCGAGTGGC
CCAATATGTGGAAACCAAGCCCTTTTCTTGGCATGCTCGTCGCCCTCATCATGACCGTGT
TGGCCGCAGCTGCTGACGAAGCAACGACATCATACACGAGTGACAGCTCTTTTCAGGACG
ACTTGATGAACGTCACTAATGAGTATCGTGTGCAACACAATGCATCAAAGCTTGAGTGGA
ACACGACGCTATCCGACTACGCTCAGGACTTGGCAGACGGTTGCAAATTTGAGCATAGCG
TACGTTACACCACTTGATCCTAGGCCAGCACGCGCTGCTGAAACCCGGAATCGATGTCTC
GCTTCCAAAGCGACAATATCCACAGACGGGAGAAGGATCAGCGGCTCGGGGACTACAATG
ACATGTCGACTGCGCTAATGCTAGAGACCGTGTAGGGCGGACCATACGGTGAGAATCTCG
GTTCAGGATATGGCAGCGCAGAGCTTACCGTCACGGCATGGGGAAATGAGAGCACGAAGT
ATGATTTCAAGGCAGGGGAATTCAGGTTTGTTCAACTCTCTGTTCACGCCATGTATATAC
GTGCTTACTAACTTTACCAAGCGAGGAAACTGGCCACTTTACTCAACTTGTGTGGAAATC
GACAACCTCAATGGGGTGCGGCCGCAAAGAATGTAATGGTGGTACCAGTGGTGGTGAGGG
CGATGCTCCGGGGTGGTTTGTCGTCTGTGAGTACTGGCCTCGGGGAAATGTGGTTGGACA
GTTTAAGGAGAATGTGCAGTCTACACCGCAACAGGATGCAGAGTCAAAAGCCCCAAGCAC
AGCGATCGGGAAAGTACTGTATGTGTGGGTCGGACTCGTCACTGGATGGATGGTCGCTGT
ATGGTTGTGAAGACGTAGCGAAAGATGATGTATCGTTTCTTTATATGCAACACCATACTA
GCGGATACGTGAAGACGGGACGATTGGTGCCGGGCCAATAACAACAACCAAAAGGCAACT
GTGACAGTAAATTGTTCACAACATGACGGGTTATCACTTCATTGAATCGCTGCAGTCGCC
CTATTCCTCGATTCATGTACTGCGCCGCGAAGTCCTTTGTCATATCGACCCCAGATGCAT
CTTGCTGCCAACATGCCGTCCCGAGAGTACCATGCATGATGTTGTGACCTACATGTAGTC
TACCGTTAGGCGTAAACCTGTCTTCATCACGTATTTGTAGATGATTCTATGTTTGCTCGA
AATCTGATCGACGACCTACAAGTCATCTATATATGCTGATACAACCAGTACACAAGATGG
ACACTGTCTCGATGGTGTTTGCTTCACACTTTCCTACTCTAAGATAACACTCTACTTCCC
AAAGATGGCTCGCATTATCGGCTCTACAACAACTCTGAATCCGATCGATCGTCGTACCTG
CTTGAGATCTCATACTGCACCCAGGTCCAGTCGAAGACTTCGAAATCAACATGATACGCA
ACAGACCACGGACTCTACTACGGACGACGTCTCAATGTCCCAAAGTCCTCCTAGACGCAA
TGTCCAGCGAATGATCGAAGTTCGCATTTCCCGGAAGATCACCGTCCTGCCTGACCGACT
GTTGGAGGAGCAACTGATGGTTCCACCTGCACCTATGTACCAGCAACTGGTTGATCTTCA
TAGATACCGGCTAGGGTCAGCGAGATTCAGACTGTCGCGGCAAATCAGAGATGGCGAATG
CTGGCGTGTGCTTCTCAACGACACTGAAGTTGTGGGCCCCCACGGTTGTTGGGTAGCTCG
AGGAACAACGAGCTGGCGATATCCTTTTGGAAGTGCCTCGACCATGTACCGGGTACACAA
CATCAATCGCAAGAACCTGAACCAGCATTTAGGGGGGAACCTGCTCTACACGCATGCTGC
CATGAATGTTATGGGAATTAGATACGCGTTGAAGTTCACCACCATCGTCGGAGATGTGCC
CCAACAGTTTGAAATGTCACATCTCTGCGGACACTCTCACTGCTATCGACCGTCCCATTT
GGTGCTTGACTCCCATCGAGTGAACCTGTTGAGATCACGATGCCGTGGCTGCGGCAAGGA
TAAGAGGGGGGTTGATTACAACCATTGTGTTCATGCCGACCTACCAGGATCGAGTGGACG
ACACTACTTTGGACACGAACAATGTCCCGAATACTGCCCAGAGCGCTTGAAACAAAGGAC
TTCCGCGGCTAAACAAAGAAATGGCTAGAGGAATGTTGGAAGTCATGGGTGCACTCAGTT
TGGGGCTCTGGTATCACGACTGCTTACCGGCATTACTGCTTCGAACCTGGAAGACGAATA
CAGATTGCCAGAGCCCACAAAGCTTGCGGTGGGGGATAGAAACGTTTGGAGGCAGAAAGG
AATCGTCTGGTGAAGTGGAAAAAACAAGCGTTTCAAACACTTGCAGCTCATGAAGCAAGG
TATCATTGGTTCTAATAATGTATAAATTAGAGCCGTGTTTCAGTCAGCTACAGGTCGAGC
TGTGAGAATGAGTGACCCAGATAGTAGGACCTCATGCCCCACCAACATCCAACTCCGCTG
TGAAGTCTTTCCGTATGGTAAGGTTCTCGTACTTCTCTTGATTCTCGATAACCAAACCTT
GTTCGTTGGCTAGATGCAGCAAGCAGATGAAGCAATAGCTCGTTGAGATATCGGCCATGG
TTTGTTTCGGATACACAGCCTGTAAGCTGTTGACGACGTCGGTAAAAGTCAATGAACCAT
CGACAGCTTTGTTTGCTGGATCGTCGGCGACATTGGGTTGAGGAGGCCCAGAGATCTAAC
ATTGGTCAGCTTAGATGCTATGTGAGAGTTGGTTCCATAACTTACGCCTTCGAATCCGAT
ACCTTTCCATAGCTCGTCCTTTAATCTTTTCACGTCCACCTTCTTTGCGACTCTTGCGTA
CTGCACATATTCGGGCCGGAATCGTCGGCTTTGTGTTACTAGCTGCGCACCAAACGCGTC
AGTCTGCGAGCTAGGTAACATGCCGTCTATTGGTAGTGTAACTTCGGGTGCGTCAGGCGG
CGGCGAAAAGTGGTCGCGAGCGTCTGCGAAAACGTCCTCATCGTCGATAGGCCCACCAGG
CATTGGCAAACCATCATCTTGGAAGAAGTCGGCATCGTAGTTGCCCTGTATGTCGTCACC
CTCGCCTTCTTGACCTTGATCAGCCCAGTATGCTTCGTCGACGCGTGCTGGGTCTCCGGA
CTGTGCTTGTGCACGGCGTCCGCCCTTTCGGGAGTCCATACGTGCTTTGGGTTTCAAGAA
AAGACGCAGCAGCTGTTTCGAGTTGAAATGCTTGTCGTCTGGGAGAAGATTACGCGACTT
GGACTTCCATTGCGCTTTTGGTAGAGATATAGTTGAATTGGATGTTGCAGGCGTGTAGAG

CATATCAGCTAGTGTCTGAGCCATGGGTGCGGCAAAGTCAATCTCGAAGGGCTCCCTCTC
TTTCCGTTTTGTTGCTGGTGTTGCCTTTGCAGAATGCTTGACTCGTGAGATACGCCAATG
CTCAGGGCCTGCCCAGCTCTTCTTAAGAGCTTGATCGAAGTAGGTCAGAATGTTCTCCTG
TTCTTGATCACGACCGTGCATCATAGAAACGCCATATTGAGCACCAGTGCCGAGTGCACC
GTCGGCGCTGTCTGGCTCCTCATCCCCTTCAAGGCCCATAGTGTGAAGGCGAGCCTGTGG
ATGTTGGATTACTTGACGAGCCCAGACCTCTCCGCCTTCGCCAAAGCCCGTTTCCGGAGG
TAGGACGAATCCGCCCATGTTCACGTCGTCGTCATCGTCGAAGCCCATAGGGTTATCGTC
ATCCAAAAAGAGGCCTGACCGGTTGCCCGCCTCGTCTTCTTCATCTTTGGCACCGTCTTC
GTTGGCAGAGTCATCGGGAGCCTTGAGAAAGGGAAGATCCATGGAACCATTCACATCACC
AAGGTCGAACGTCTTCATCGAGGGACACACGTCTTGCCGGTCGAGCTGGGATAGATCGGG
AAAGTACCTAGCAGCCAAGCCAGATATATCAACATCGATAGCATCGGGCGTCTGGGGCTG
GTCTTGGTGCATATGGGCGTCTTCGGGCACTGGGGTAGCACGTGTGTCGTCGGCAGTCGC
ATCGTTTGCGTCGTCGCTGCTGTCAAAGACGATCCTGCCTCTTCCGTCTATGGCCAGGTG
ATTCAGAAGGAGACCTTTTGCTCCACCCTCGTCGAAGTCGGCGGAGGCTTTCTTGAAGAG
CGGATCTACTGAAAACTCGAGCTCCATCTTCTTATTCTGTAGTTGTGCAAAGGAAGACGC
GAGGGTAGCTTCGGCCGACCGGGCAGCCCTCTTCTTGCGCTTCTTCTGGCCACCCTCTCC
ATCCTCACCATCCTCGCCTTCGCCGTCATCGTCGTCGTCGCCTCCATCAGCGTCATGGCC
GTCTCTCCGCTTCTTGCTGGCATTTTCTGCGAGTCCGCTGAGCAGCTTGCCCGTGTCGGT
GGCCACGCTGTCGACTCTGCTGGTATAGATTTTGACGCAGCCGTCAAGTGTGCAGCTCGC
CTTCTGGAAGTTGACGCCGTCGCCTTCCTTGAGCAGAGACATTTCGTGAAAGTAATCGAT
GAGAGCGAAGTTCCACGAGTTGTTTGCGTTGATTTTCTGCCCGTCACGTCAGCCTCGACC
TAGTGGGTGCAGCTGTGCATGCCTACGTTGTCCGTGGCCATCTTCATCCATTCCTCGAAG
TTGGCCAGCAAGGGCATGACGCCGCGGTTTCCTGGCGTGACGGCGTTGCCAGTGATGTCT
GGCATGTCGTCCTGGTCTTGCGAGGGCGTTTGGGGGCTGTCATGGTCGGCGCCATGCAAC
GTACGTCGTCTTCCAGGCGTAGCAGTAGCCGTCGAGGCGCGCATCGAGTTGCGCTGGGCT
TCTTGCTGTGCATGGCGGCGGATGGCCTTTTCCTGTCGGTCGTCGTTGAGCGGCACCTTG
ATGGGTGTCTTCTGCGGCGAGGCGGCCGTGTTGTACTTGGTCGTGCGCGCCATGGTGGGT
TGGGTTGTGGTGCTTGTGATGGCCCTGGCCGGAGCGTTGTTTGTTTGGGCGAATCCGCGC
GGGGTTAGCGCGCTACGACCATCACCTTCCGCATCAACGCGCTCCCGAGTGCAGACACCC
ACACTCGCAATATCACGGACGTCGGGCTATTTGCAACCCATGCAGCCGCCATGGCAATGT
ACGCGACAGACGTCCAATTAAGCATAGTTTCCGCACCTAAACTCTCCTTCCCCACAATTC
GTTTACTACTACCCTTGCTCCGATGTTAATACGCCGCCCCAACTATTAAACCTTCGTGTT
TACTCGTGACACTCCATAGCGCGGCCTCCATTTTCCGTCAATGAGGGATGAGCGGACATC
CTACTGGATATGTTAGCATGACGATGCTAGGCCTGTTGGTCGCTCGACACTATATCTTAG
ACGTGCTTCCTCGACCCGCCATTCTTGATTGACATCTGCATTCTGATATTCCAACTTCGC
CATGCGCCTTCTTAGTTTAGCAGGCCTTAGCTTGACCGCCTCAGTCGCGAGTGCGACACT
TCAGATCGTCCCTGGTGCAACCTGGACAGCAGTGCGTTGCGTCGTGTCCCATCCGGAACG
CTAACTGACGACATCGCTTCAGACAAACACAGGTCAGCACATTCAGGCTCACGGCGCCGG
CATCATCAAGGATGGAGGAAAGTGGTATTGGTAGGAATGGTCTACGCATAGGCTCAAGCT
CCCCCAGTCTGACACACCGATAGGGTTGGCGAAGACAAAACCAACGGAACAGCTTTCACA
AACATCAACTGCTACTCGTCCACTAACCTCGTCGAATGGACTTATGAGGGTGCCCTGATC
TCTCGTACTGCATCCGGCGATACAGGACCCAATCGTGTCATCGAGAGACCAAAGGTTATG
CACAACAAGCAAACAGGCAAGTATGTTCTATGGATGCATATTGACAGCGCCGACTATGGT
GAGGCCAAGATCGGTGTCGCTGTTGGAGACAGTGTCTGTGGAAAATACACGTATTTGCGA
AGCGAGCGACCATTGGGTTTCGAGAGTAGAGATTCAGGCGTATTCGTTGATGACGACGGC
AAGGGCTATCTACTCACTGAAGACGTAGGCTTCTCTTGTTCAACCATCAGCACCCACATT
ACTGACAAGAATAGCGCAGCAACGGCTTACGCATCAACGCACTCTCCGATGACTATCTCA
ACATTACTAAAAATGTCTACGTCTGGAAAGAGAAATATGAGTCCCCAGCCGTCATCAAAC
ACGAGGGTGTATACTTCATGTTCGCTTCACAGCTCACCGGATGGAACCCAAACGATAACT
ACTACAGTACATCAACGGCCCTTTCGGGACCATGGTCTTCGTGGAAAAAGTTTGCAGACT
CAGGATCAAACACATACGCTTCTCAAACAACCTTTGTATTGCCTGTTGGGAACGGATACG
TATACATGGGCGATCGATGGCAGAGTGAGAATTTGATGAGAAGCACATATGTGTGGCTCC
CACTTCAAATCTCCGGGACTACCGCCAGCATGAAGAACGCAGTCAACTGGATTCTTGACC
CCAACTCTGGGGCCACTACTTCCGGCCCCGAAGAAACCTCGTACGAAGGTGAAAGCGCAA
ACCTTGCTAACGGCGCCAAATCTCAGGCCTGCTCTTCCTGCTCAGGCTCCAAGGCAGCTG
GGTACATTGGCGGCACCACGTCCGGCTCGGCCACATTTCCCAATATCCAGTCTTCAGCAA
CGACTCGCACGACGATGAGGATCAAGCATCTCAACGGTGACAAGAGTCAAAGGTATGCAA
ACATCAGCGTGAACGGGAAAACGCAGAAGCTAGCATTCCTGCCCCATGGAGGAGGGGATC
CAGCCAGCTCGGTAATACACGTCGATTTAAAGCAGGGTACGAATGAAGTCAAGATCAGCG
GTATCGATGGAGGCTGGGGACCAGACATTGACAGGATCTTCGTTCCAGTCAGGTGATTCA
TCAAGGCTTAAGATCCATGTTTCATGCTGCCCAAAGCGTTAGGCTTGGTACAAAAGGGGA
GAAGACTTGACCGTGGGCTCCGAAAAAGACAGTAGGAGATGCGTGGAGTACCTAGGTATG
ATCCCAAACATGATGACTTGAATGAAGATTGGAAAATGTTTGAATTCGCAAGTTTCCATT
TGAACTTGGTGATACGAGCTGACCTGCAGCTGCTGAACGAGCGAAGGTATATATATACAG
CGTTTGCGTCGTTACACTAGGTGAGATAGGGCCCGTGAAGCAACACAAGAGACTAAGAGA
TGAAATACTTTGCCTTTACGCTTCGAGCAGCAGCACCCTTAGCTGCCGCACCCTTGGCGG
CAGCTCCAGCTCCAGCTCCAGCTCCAGCCGCCGCACCACCGGCTGCCATGTTGCTCATGA
CGAACTTGGCGGCCTCGTTCGCATTAGCACCATATGACAAGTGCGGCGCCAGGATGACAG

CCTGGCCCGCACAGATAAGATCACCAGTTGCGCAGATGATCTTGGTGTTTCCGGCCGCGA
CTTTACCGACAGGCTTGCCGTTGTTTGGGTCACCAAAAATGACAGCGCTAGACACAAAGG
CCGAGTCCTGGGCACTAAGCATATCTGCTGCGTTATGAACGAGCTGTCCACCTTGTCTGA
TTGTTCCGTTAGGCTTCATAGTCCTCAAGTCCTATTGGAACTGCTTGTTACTTACGAGTA
GCCCGCCATAACCAGTGTAGTGTCCGGGCATTGCGTCCTGACCTGTCCAACCATCTGCGC
CATGAGCTGACTGCCTCCTTTGTCACCACCAACAAGGAAGCCTGGAACATCTGCTGGGTA
TTGGATGCCTTGTACAGCGACGTTGGCAGCACCTCCCATCATGGCGCCGAGGGCCGTGAC
AAATGGCGGGCCCGCAATGCTGCCCATGTTGCCAAGTTCGGTTGTGCCACGGGCGAAAAG
GACGGTCATTGGTTTGCAACCGCCGCCATTCTTCACGTCGTTCTGAGTGATCGAAGTAAG
GGCGGCGAATGCGGTGGTTGGGAGGAGGAAGACAAGGGACTTCATGGCTGTAGAGGGTGT
GGCTTGATTCCGTCAAGGAATTTGTATTAAGATATTACAAGTATGTGGTGAATGTAGATA
AAACAAGTACGGGTATCTTGAGAAGTGAAGTAGAGATGGATGGGCTGCTGTTCATCTCAT
GAAGCGAATGACATGTCTTCTTATAATCTGGCCCAGCAGAATGCCATGGTTAACGCTGAA
CAATTAACCACCGCTTTTCAGGAGCTTGAACATGCGATGTACACATCTGTCATGTTTTCA
CTTGCTTTTCGAAAAGACATCAAACGTCATGCCAGACCACAAATAGTACGCATACTGGCG
GTCAAGGGTGTCGTGCGACATATTCTACGAGCCCTTCCATGTCGAATCGAGGCCATCGGG
AACGGGATTAGGGCTAGAGCTACAGCCTAGTAGCCGCTGTCCCGGTATACCTAGCAGGAA
CTGTGACAAAAACTGCCGAGGTCCACGGGTGATGCGCAGCATGGATACTCTAGATGACCG
AGGCGGCGAGTTCCATCTGATGGGGCTGGGTGTGAGATGCTTGGCGTTGTTTCCCATCCC
TGCGATTTGATGCTTCGCTGTCCGCGTGACTTGACGTCAATGCGGCTTCAGACTGAGCTC
AGGACGTCCAACGTTGTAACCAGACTATGGGGAAACGGCGAGCCAATCGCATCCGACAAA
GATGTTCGGCTAAAATCACGTCTCATGACTCTGAGTTCTGTCGCACCGTGTTCACATCCT
GTGACTGTTTCAGCAACCCGTTCCATCTCTTCAGATCCCGAATCGTCATGCGTTCCAGAC
TCAAGGCCAAGCTGCGTTCCAAACCTACGGTCGCACAGCTTCCCGGAAATACCGGATCGT
CGCCAACATGGCTCGTTCAAAAGTCTTGGTGAGCTTGTCCATGCGACATGGTGTCTGCGA
AAGCATCGTAGCTATCCAGATGCGGGCGAACGAGCACGCCTTGACATTTGTGCCGCCAAC
GTCACTGTGGGAAAACGCTTCTCAAGCTGATGCATCGCGCATACACGTCGGGATGATTCG
AAAGGGCTACGCTGCAGAGACGCTGAAAGAACAAGAGAAAAGGGCTACGATGCAGAAATA
CTGGAATCGCGAGGAGAAAAGGGCGACGTTGGCTACTTTGGTATTTGGCACCACCCCGCC
TTTGCCCCAAGAGGAAGGTACTAGCGACTTGTGCAATATCCCAGTCCATGATCTTCCATT
GTATAACTAGCTCTAGCGCTGCGCAAGAAAGGTCTTCCAGTAAACAGTTTCAGAGTTCAG
GTATCGTAAGTGGACGCACATCATGCCTCTTGAAGTCCATCGCATAACCTCTCCCACCGA
CTTTGACGAGTTCGTCGCCATACAGATTGCTGCCTTCGCCAACGGCGGGGGTATCACATC
TCTGCTCACGCCAAATCCTATCACAGAGGAGTATGTCCAAAAGTCTGTCGGCAAGCACGT
CAAGTCGTGGAGCGAAGAAAAAGATGTTATTTACCTCAAAGTCATTGACACCGATCTCGA
TGGGAAAATGATTGCAGTCGCCAAATGGCGCATCAACGAGCAGGAGCGAAGTGAAGAAGA
AGCCAAGAAGATGTATCCGGTACCCGACGAGAAAGACAAAGGACAACAAGGCTTGCTGGA
CTTCATGGCCTTTCTTAGTCGAGTAAGGAAAGAATACATGGGAACAAAGCCTTTTTACTG
TCAGTGCCCAGCCAAACATGTCGAGATGATCTGCTAACAAAAACTAGTTTTACACATCCT
CGCAACGCATCCAGACCATTATCGTAGGGGTGCAGGGGCCATGCTGCTCGATTGGGGTAC
CAGACAAGCGGATCGCGCAAGACTACCTGCCTTCTTAGAATCGTCACCAATGGGCAAGCC
TTTATATGAGAGAATGGGATTCCAAGCCAAGGAGGGTAAGTCACGACAAATCAACTGCCT
TCGAGACTGTCACTGACTTTGTGTTTTCGGCATTGCAGTGGTAACGTGGGATCTGACACA
CTATGGGTTAGAAGGTACAGATTACAGCACAGTGATGCTTCGGGAGCCCATTTCGTAGAA
GTTTCTGGGTTTTGTAGCACGAACAATGCCAAGAAGGCAACAATCAGGTTTCTGACTGTG
TCGACCGGTGATGCATCTCATGTCTTACTCACACCACCCGTTCTTTCCCAAACCTAACTT
TCACATCCAAGCCTCTCTTGCTCAAGTCTTTCACTCTTCTTACAAACTCCAGTTCCTTTC
CACTCTGTTCTAGCATTGGATTCCACCCTATGTCCTCCAATACAAGTTCGTTCAAATCTT
CCATTCTGTTCAGTGCTGCGAAAAAGTGCTCCACAGCATCTCGACTTTCTTTGCTCTCCA
GAATGCTCATGGCTGGCTGCACAAGGGTGAGTGCCTTTATCTCGGAGGTAGCTGGTCCTG
CGCAAGAAAAGAAGACAATCGCAGTCTGTAGGCCAAGGATCCGTATAGGGAACCTGGAGC
ACATATAGGAAAGGCATTCAGCCCGAATCTGGCGACTGACGCGAAAGAGAGGAAGGTTCA
GCACCGACACGGCAAGATGCTCCGGTTTGGTGCAATTTACGATCACAATGGAAGACAACT
CTGGGTAGATAGCCATGGCGTATATATGATTGCGTATCTCGCCTGGTAGTTCCAGAAACG
CACAACCCGTCTTTTGGGGCTGCACAGAGTCAGCTGTCTGTTGTACCAAAGCGCTGGGTA
TTTTTTACGGGCGATGCTGACACGTTGCCGCTGGGTCGTTTGTGGCGCAACCACTTGATC
ATCATTGTTTCTATTGTATAGTCCCCCCTGGATGTAGTAAGACGAGGACGGATCGATGCA
GCGCTCCTGATGATGGAAACGCGGGCGGGTAGCGCCTTAACCCCATCAGGATAGCTCACC
TTGATAATCGTCTGGCGCCCAACACAGCTCTTTCATCATACCTGCAATATCGCGCAAGTG
ATTAACTATAATATACAATTCCATTGATCACGTTACATGAACACATTGTTGTGGTAGAAG
AATCTAATTCAGACCCATGGCTTGCCTATGTATTGTACTATTACCCTTTCCACTCCAGCT
ATGCCACATTCATGCATATGGCCACGAAAATCCAAAACAGACCTTGCAAAATATACTACG
TTTACACGTTTGTCACCTTGTAATCTTTGGGGTCGCACTGATTGGGATGTCAGGTCGACC
AGTCATTCTAATCCTCTCCCTTATCAACCTCTCCGTTCTGCTTAGTGACCGCACCAGGGT
GGTAGGTCCTTCGACGTCACTTCTCCCAAGATCATCTCCCTCATCATCTCTCTTCGCATA
AACTCGAATGGTATGTCCAAGTTTATGGCTTGGAGTCGGCGGCGCGAATGGAGGTGGGAC
GGAAGGGCTCTGTATCGCCAAAAGCAACGAGTCAGCATTAGCGTTTGTCTTCAAGTGCCG
ATCTTGTTCAGCGTCAAGCCGGAGTGATTGTGCTGCTTGGCATGTGGGTGACTGTAGGGC

GATTGAGCGACCATGGACTTGTTGATTCGCGAGCTTGGAATTATGGTTCTTACGGCGACG
GTAATAGACTATCCCAAGTAAAGCTGCAATAATTGCGAGAATTACACCAGCTGCTGTAGC
CAGGTATTTGCTGTTCTGATCAGACCTTGGACTCATCAGCCTATGGTTTGGAGGATAAAG
GTCCCATACGTACCATTGGTAGTCACTCTTTGGGATACCCTGGCTTGTCTCAGTGCATGC
AGGGGTCGGGACGGTTGGGTGATAGACCAGGCTGGATGCGACTGTCGTTCGTACAGCCGC
TGAACTCATGGTCAACGTGGAGGTGAACATGTTCGTCTTCGCTGGCTTTGGAGATGTACA
CATGTTAACGTAGTAGCTGTGGATAATTTCATCGTCCTCTTCATTACATACATGTTGACA
AACCACTCCACCCGTATGGAGGCTGCGCAGGTAATCGGACTGACACACGCAGTTTCTGTA
TGTGGACAGATCGGATATCGGAGCCGCTGGTGGAACACAGTTGCCTTCAGAGATCTCCAG
GATACGGCATGACCTCGCACATGCTGGTAGTAGATCATAGTCAAAGAGACTTATGTCGTG
ATTCTTGCTCACTCTCGTGAAGCGATGCATGGTGAGTTGTTGGTTGATCAGTGACCAGGG
TGTAAGCTTCCTAGAAAGGCGTTCCCAGTCGGAGACTGTGATAAACAGCGCGTTTCTGGA
ACGAACACGGTGCAACCTTTAAACAAGCTTCACTTGCTGCTGATTTCACGAGGTCTTATA
AGGCACTCACGGCCGCCTCCACCGCACTGCCGCAACCTTTGCTCTTTCTCTCTAGCTTCC
ATGTTTCCGCTTTAAGCACACATCTTGATTGACATGCGACTCTTCGAACAAGAACATCAC
AAACCCAGGTAGCAGTTGAAGAGAAGTAGTCGAGTGGGCGGAGAAAGACTCAAGTCTGGC
AGGCGTTCTCAACGAGCATACTTGGAGGTGCAGCGAAGCCTTTGATAATGGCCTTGTTAG
TGGCTCTCGCGGTGATGATGATGATGATGACGGATAGGGCCTCAGCGCGGAGAACGGTGT
CAGAACTATGTCTGGTGTGCTTGAGGGCTTTGCTTCGCAGGAGTAATTCTTGGCAAGCAT
TTGCGGAGTTCTCGGGGGTGCCAAGATGACGTGGTGTTTGCATCGTTTGCATCCGCGCCA
GAACTTTGGGGAAACAGCGACAGGGAGTCTGCCACCATTAGCACCATCACAATGCTCGCA
CGTACACATGTATCTCCCCGATTACTTTTGAGGGCGCTCGCACGGCCTCGTGCTACAACA
TGCTCTGTACTCCACCCTTTACCAGCGTGCCCTCGACGTGGAAAACGCACAAAAGCCAGC
CGACCCGATGAGACGGAGAAGGATGCGACGACCGGATCCAGGTCTGCGATACGGGACAAG
CTCAAAGGCGCAAAATCCGTTTTCGAGAACGATGCGGAAACGGACAGGCTTATGCGCCCG
CTGTCCGACGCCGAACTCGAACGTGACGATATGCCCGTCATCAACTGGTATGAGCAGGAC
TTGGACAAAGGCACGCCACAGCGTCTCGTTGAACGCTTAGCCACACCGGAAGATCGCAAG
AAAGACAAAGAGATGTACATGATGATAGAGGAATCACAGAAGAACCCGGACTACGACGAC
GCAAGGCTGAACCGGCGACTGATCGACAGCTTACTGGCTAACCCAAACTTCGCCGAATTG
ACGGACGAGCTCAAGGATATCAAGGAAGGCATCAAGTCGAGGGAAGAGCTCCAGCAATTA
GAAGAGCAGGCAGCCATCGAAGCAGGGAAGGAAAGCAAAGAGTTCAAGACTGGCCTACGG
ACGGCCACACTCCAAACTCTACAAGACATTGTCAGCGATCCGGATATCGGAGATGCGAAG
GCTGACCTCCAAAAGTGCATCGACGAGATGCCAGATGTGGAGGAAATGGACAACCCCGAT
TATCAAGCCATGCTGAACAAGGCAATGGACAAGCTGGGGGGCAACGAAGCTATGCAGAAG
AAGGTTGCTGCTATGAGCGAACATCTCGATAGCCCGAAATTAGAGACTGAATGGGAGGAG
TACCAGAGAAACACAGAGGACGCTATCGCTGAAGCTGAGGCCCCAGATGACGATCTCACC
ATGACAACGCCCGAGGACCTGCAGGATGTGGATAAACTCCTACATCAGATGCGGGATATC
ATGAAGTCGCTGGGTGGCGACGGCGGCCTTGAGTCTGAACTTGATGCAGCCCTCAATGAA
GACTCGTCGTCGAACCAAGATCAAGACGGTGTATTCGAACGTGAGATGGACCCGCAAGAA
TTAGCGGAGGAGATCATGAAGTTTGCCGAGTCGAAGGCATCGCAGCCCCAGCAGCTTGTG
GAGGACGAGGAAGATGTTCCCGCCGAGCTACAAGCTAAAGTTGACGAAATCATGAAAGAC
CCCAAGTTGATGGAGAAGCTCATGTACATTCAAAAGCTCATCTCAGAAAACAAGCAACAG
CAAGGTGATCTTACTACTATTGCGCACGATAGTGCACCTGATCCCTACCAACTCGAAGAC
GACCGCACTACTACGCTCAAAGAACGTATGGCTGCCGCCCTCCAGGATCCAGAACACTCT
GCCGCCCTCCAACGACTCCGCGTTCATCTGCCCCCACCTTTTAACATCTCGCCCGCGCTG
AAGTCTTTCAATCAAGCCATTGAATTCGCATACATCGGCGCAAATGACGACATCCGCCGG
ATTCTTTGGCGCTCGTACCAAAAAGCGCGATCTTTACCTACCTTTCTCCAAAATATCAGT
GACGAGGCCTGGGATATACTGTATTACTCCCAGGCGGTCACATGGGGCAGCAACCAGAAC
CGTGAGAACCATCTCAGAACCTTGCTAGCAGATCTCAAGAGCCTAGGGCGAGACGGTCCA
CCCACGCACCCTAGTTCACTTGTTAACGGGGGTGTTGAGCAGATGGACACATGAAATGCC
AGAGATTTCATAACGATGTATTGCTGTACGATATGACGACATGTATATGATACCCTTTGA
ATACATAACACTCCAAAGGCACTTTTCCAGAGCCATTCTTCATCCAATCTGACATTGTAT
TTTGTACATAGTGCTAAGGGCCTACCTTCTTGCACCTATGGCATCGATGCTATGCCAGGA
GCTACTATAAGCCAATATCTGATCATCTCCAACTCACTGAGACCGTAGCTGTGACCGTTA
ACACTTCCGCCGACGCTGTTTCCGATTTTGACAGGTATGAGTGAGAAGGCGCAATTATCT
CTTGCCTTATTCATCGGTACTTCCCGTGAAAACTTGTGTGAAAAAAGAAACGGTGCTATA
CTACCTTTGCACAACTCTTGTCGATGGTACCAGTCACTCCGACACTATACGAACCTCTAA
ATCTCCATTCAACTGCTGCTAGCCCCTGCTCTCTCATACCAGCTCTCATGCGAGTAATCC
TTCTTCGGTCCCTCAACCTCGTATCTGATCATGAATCGCTCAATCTTCGCACCGCGAAAC
TTGAACTCACAGTGATTGCGGTACGTATCCGGATCACACCAATGATAACCTTTGGCCATC
CATCCAGACTTGTTGTCAACTGGCGCGTAGAACCCCCACGTGTTGAACAGTGCTCCTACA
CTTTTGTTGTCATCTTTAGCAAACCATGCTGTGATCTCGTCGCGTGTCTCATTGTATCGA
TAGATGTAACGGCGAGTCGCAGGAAAAGACAGGCCAGTATCCATGGTGAATGTGCCTTGT
TCGACGTACAAGTATTCGGATATGTAAGTGGTTGGATCGGTAGATTGGCGTGGGTGGAAG
TGTGCTGTGCCCACAAACACGCCGCCAGGTGTGTTGGTATGTGAGTCAATTTTGCGTGTC
ATGTTCCACACACCTTGCACACCTGTAAACACTGCGGCAGCAACGAACCGAGCATCTTCT
TGGGAAGCCTGGAGTACCTTGGCAACGTCTTCGACTATTTCCTTCGCCTGGGCATTGGTA
CCTGCATGGTGATAGCGCGATGGAAAGGTAGGACCCGTTTGGCCGCCAAATAGCGAGTCG

TCGCGCGAGGCGCCTGTTCCTCGTGCAAATTCTTCAACCAAACCAACGTAATCTGCCATC
CAGAACTGAGGTACCTGTAGCGATTTCTGGTTCATCGCTTCTTGCATGCGTTTCGTGTCG
TCGTATCTGTGTAATTCGGACAATAAAGACGGCAGCTGCTCAGAATCCCGTTTGGCCCAG
CTTTGAGCAAGAAGTCGAGCTTGCATCTCCATCACCCCCCAATAAGGACCCTCATAGAAG
CCCACAAACCCAATTGTAGGGACTCGCTGAGAGAACACCGACCCACGGGAAAGGAGATAT
GGTATACGTGAATTTGGTGCGGTGCTATCGTCGGTAAGAAGGCCTCTGACGCAAGGGTCA
AGCCAGTCCAGGTCGGCTTTGTAGCCGGTAGCTTCGATGATACCCACGACGTCGCAGATC
TTGCTCTGGCTCTGTAAGCTATCAGTATCTTCGTCACTACTGGAATTAGGAGTAGTGTAG
TTACCATTGGCTCTTTCCCCGATCCATGATACCAGGGCTCGTACTGCTTCAGACCAATGT
CTAGGGAGACACCGTCACTTGCCTGTGCAACACTGTCAACCCATCCTCTTACTGGTACAA
TAATGCCACTTCTCACAAACTCCATGTAAGTATCTGTAATGCCAGTATATCCGGGGTGCT
GTGTCTGGCTTGGTGCGTATGCGAGCTCGACGTGTCCCACGTCGCTCAAGTCGTATCCTA
TACTTGCTCTCAGGAATTCGTGTCCTTTATTCGCTTTTTCGGGTGGCACTGTAGAGATGG
CTGCTGAAATCTCTCCATTGCCACGGCGCGAAAGATTGTAGAGAACCAGATCCAGGGGAA
GGAATCTGGGTGCTGGGTTGAAGTTTCCGTCTTGGTCCTGAGGGTCTTGAGGAAAATGAC
GAGGAAGACAGTAGAAGGGACGGTTGATGATGTGAAAGACCCTGCTTTCGGCATGCGTAC
ATGTCTTCTCACTGGGTGCGTATTTCGCGTTCGAGATTTGGAAAGCAGCCTGTGCGGCAG
CTTCTGAGCCGCTAATACCACCCCCGATCACGGCCACCTTCCCGGGAGAACTCGTCAACT
CAGAGAGAGACCGAAATTTCGAGGAGTGCTGGATGTTCGGAAGACTTGTAGAAGGAGTAG
GATCGAAGGTACCAGCTGGCTTGTTGAAGAAACCACTAGCCACAATCAATCGGTCAAACG
TACGGGAGTCTAGCTGGCCGGTACCGTCGTCGCTGATAACTTTCCAGGTACGATCTTCTT
GCAGGGATGCCTCGACAACCCGCTTCCCGAGGAGCAGATTGTCAGTGATGCCAAAGCCTT
TTGCGTATGCTTCAAGATATCGTCCCACTTGCCACGCTCTAGGGAACATGGGCGGAGCAG
CTAGTGGATGCACAGCGGGTCTCGAGAGATCCAAGTCTACCGAAGTCCAAGGCAAATCGG
AAAATGCAACTGTATATCTGCTCAAATTGGTCCGCATCTCTGGACTGCATTTTTCACCTG
GTCTTCCATGTCCATCTCTCCACATGCCACCTACGCGGTCTGCTGCTTCATACACGGTAA
CCACATAGCCATGCTGTTTCAAAGTCCTCGCAGCAACTATCCCTGCAGGCCCAGCTCCTA
CAATGCAGACAGACTGTTCCTCTCTATAGGCAGTCATCGCCGGCTGAGCTGCGTGACGGC
GAAGCGGGGGAATGACCAACGGAGATATGGGCGGGTGCCAAGCACTCAAACACGAAGTGC
GACAGCGTAGAGCTTGGGGCAGCTTTGAGAGAATGATGATTAGCAGATCTGCAGAGAGAG
TGAGGTGGTGTTGAGAAGTCCGATGCTAGCCTGTGATGCGCTAGTGAGATGCCCCTCGGA
GGATCAACCAATGAGAAAAAAGGTTCAGCGCAGGACATGATGGCAGATGCGGAAGGGCGA
TTTTGAAACAACGAAATCTATTCAGTGAGTACTCCAGAGTTGATCAGAGTCCCTTTCATG
GTCTGGAACTGCGTCTTTCCATACTATGTAGGTGTTAGTGAGCGACTAGGTCATGTTGTG
TGTGCTTTGAAAGCGGCGTACCGAAATCAGATACCGAATGTGACCCTGTATTGCGATTAA
CTTGGATATCGAAGGCGAAGGAGTGTAAGCGTACGAGATCGGTAACAGAGCGATGTTGTT
CAAATTCTGATCTTGCGAATTGCCGCATGTCCTTCCGTGCTCCTACATCGGGTATGTTGG
AAGTACTGCGGACTATGTCTCTCCACAATGCCAACACGCGTTGCCGCTGAATGAACTATA
TGACAGTCAGCAGGCGTTGCATAGTGTAAGTCATGTGTTGGACAAACGTACGTGGTCCAG
GCCCACAGGACTCTTTCCTCGTGCTCGCAGCCGGGACGGAGGCTTGGACGCTACCGTGGC
ATATCTTCGCAGCATTCCCTCGGTTGTATATGGAACACTCGGATTAGCTGAATCTGACAA
TGCGGATGCGGACACAAAAGTAGTGGATGGTCGACTGGATGAGGCTCTTTACAGCGATGC
AGGCTGACGTATCGAGACGAATAAGCTAGGCTATGATGATGCTAGTTATCCAAGGATGCG
CGTGCAGGATCGGCGCCACGAAACGACGTGGTCGAAAGGACACACAACTGGGATGAGTGA
CTACCGGCACTGATTCCAGAAATGGGCGTCGAGTGTACTCACGCCATGGACCCCGTGTCG
CGTCTTCCCCACCAGACGCGACGCCCAACCACCAAGCCCACGCATCCGCAGTCAGCCTGA
TACCCACGTTAATCCGTCGCAAACAACGCGAGATTCACGACATGGCGCACGTCGTCGCAC
GCGTACAGGCAGTACAGACTCTGCTGCGAGAAGACGTCTACCTGAGCGCATACGGCGCGC
CGCATCTGCCATGTCCGCTGTCGTTCCAGTTTGTCCCGTCGGCTTTCGACCTCACCAAGG
ATGAGCTCGAAGCTTGCCTCAGCCTCGTCAACAAGACTTCGGGACACGACTACAAAGCAT
CAAGCGTTGGCTGGAACCCGCGCAAGAAGCGAGAGGAAATGCTCGACGGCGAGATGATGT
ATCTCCTGGTGCGTCGCCGCCCTATCGACACGGCTGGCCAGGGTAGCATGGAGGGCACCA
GTAGCGACGACGGCATTCTTGGCTTCACCTCCTTCATGTTCACATACGACGATCCCCCGC
ACCAAGATAGCCAGGTCCTCTACATCTACGAGATCCATCTCGAGGAGCAGCTGCGCGGAC
AAGGCCTTGGACCCCGTCTTATCAAATTCATCGAGAACGCGGCACACGCATGCCAAATCA
AAAAGACGATGCTTACCGTCTTCACCGCGAATAAGCGCGCAAAGAGAATGTACGAGAGCT
TGGGCTACGCCCAGGATGAGTCTAGTCCAAACGATAGGGTTACGAGGAACAAGGTCATCA
AGGCCGATTATCACATCATGAGCAAATCAATCGATTGAGCATATTCATTTATAAAAAATA
AAAAATAAAAAAGTAAGATTGCTAGACAGTCTATACACAAAAGCCGAGTGCTGTGTGGTA
TCTTGGAACGCCAGATTGTGCAAACAAAATCATCATCCAACCAGTCAAACCCCCCTCTTC
ATTATCTTTCTGTTGTCTAACCTCTTACGTTCCGTTGTACCACTCATACACTATCCCCAC
AGGCCGCAGCACACGAAACGACCCCACTGATTTCGCTTTGTACCCTCTGGCTTCTTCCCA
CTCGTCTCTTCCTCCTCTTCGCCAACGACGCGAAGGAAGACTTCGTCCAGGGTGGTAGGC
GAAACAGAGTAGTACTCCAAACCCAACTCATTGCGGTTGGTCTCCAGCAACTGGATAAGA
CCAGGAATGCCACCGAGGTCGGATGCTGAAGCAGCCGAAGATGTGGTATTGACTTGATGA
ACCTCTGCTTCGGTAATCTTACCAGTTTTCGCATTTTCAGCATGTGCGGGCAATGCAGTG
GATTCGGAAGAGGCGGCTTTGAGAACTTTGAATCGGAGTTGTCCGTGGCCTCCACCTCGC
GAACCCCATTTGTCAAGTTGAACACCAGGAATCTTCCTCTGGACCCATTGCTTAACAGTC

TCCATCTCTTCTTCCGTGGTTTCGGGCGCAGATTTGAGAACAAGCTGTACGACCCAAGCG
TCGCCGTACTGCTCTCCTAGATCACTGACAGTACCCAGGGCAAGCATCTTGCGCTTCATG
ATACCAACGCGGGTGGCGAGTTTGTCTGCTTCTTCCATGGAGTGAGTAGTTATCAACAAG
GCGCGACCAGGTGCCGCAACCCCGAGCAAAGTACGCCACATGACTCTTTTGGCAGCTGCA
TCCATACCAGAGGACGGCTCGTCCAGCAGTAGAACCGATGGGTTGCCCATCAAGGCGATG
CCCAAGCTGAGCTTCCTCTTGTTGCCACCTGAGAGTTTGGATGCGAGACGGTCGTGGAAG
CGCCCCAGACTGGTAGCTTGGAGAATTGCCTCGACACTGGCTTTGGGATCGGGCACGCCG
CGAGCGCGAGCGTAAAAATAGAGATGCTCGGTTACCGTCATGGAATCCATGGCATCAAAT
TGCGGACATACACCAAGATGGCCTCGTGCCGCTGCACGCTTGCTGATGATGGAGATGTCT
TCGATCAGAACATCACCACCGCCGTTGATGTGTGTTGTAGGGTGTATGTCGCCACGGATG
AGTGAAATGGTTGAAGACTTTCCCGCACCATTAGGGCCAAGGAGGGCAAAGACCTGACCT
TGTGGGATACCAAAAGTGATGTCGTTGACAGCATGGTTAGACCCGAAAGTCTTCTGTAGA
TGCAGTGCGCGCAGACTGTCTTTGCTTTGCTCAGCGCGTGTGATTTCAGTAGCGACAGCA
GCAGGGACGGTGTCCACCGTCTCCTCCGAATGCTGCTGACGACTCTTCTCGCGGTTAAGG
AACGCTGGTCGGTATCCCGAATCCCACCATACGAGGGCAATGAATAGCAGGATGATTTGC
ACGACGAGGTACAAGATAGGCCCTCCGTACACAGTCAAAGCACCGGGATAACTTGGAATT
TGGTTTCCATCACACAATACGCTAAAAGAGTTTAGAGATAGCAATTGCGTCCTTAACAAG
CTTGCTGATGGCGAGATCAGCGAAACGGTCCAGTGGAAGTACTCAATATAAGAGTCGATG
GCGTAAGCGGGCGCGTAAGTCAGAATGGCCATGTAACCGATAAAGTAAATGAGATAGAGT
GACACCATGCCACCAGCAGCAAAGGCAAAGGCTGCCAGTTGCGATGTAACGACGATGGAT
ATCAAGTAGGCGAAAAGAGTTGCACAAAGACCATAGAGGAAGAAGACCACGAAAAGGTAG
CCTGGTGCATACCATGCGTCGGAAGCCTACGGTATTGTCAGCTGCGAATGTTTATACAAA
ACGTAAGCAAGAACTTACTGCTACAAAGATGCCTGTGGTGACAGCAGAGATCACAAGCAC
GAACAAGAAGTCGAACGCAGTATACGCCAGCCACAGTGGTACAGCCCGGATACCGTTGCT
GTAGTGCAGCGCTCGCACGTTCCTCAGTCGCTCCTGTGTGGGGTATAAGGCAAACAGCGC
AGGGTAGACGCACATGGCCAGACCAAAATACAGAATCAGCTGGAGCGTGTCGCCCATGTT
AGGAGCGAACGGTACAGCGAATTGCTGATACTGTGTTGAGATGGTGGTGTTCGTTAGGAT
GTTGTCAAGGGTATTTAATGTGACGAGGCCGCCGACGACACCGCCATTTGCAAGGTACGC
CATGACTGGCGGACCATTCTCGTTCAAGAAGAAGCCGCCCGGTGTAATGTTGCGGAACCG
TGTGTTGACGAAGTCATTGAACTGGTCAAGTGTGTCCACGACGTAGAAGCTGTCCTCGGG
AATGCCTGTCCGTTGGATTATGGTATCAATAGCAGGGCCAACGGTACTCCTCGGACCGAT
GGGAATGAGAGGGATGTCGTCCACGTTGGAAAGTGAGAAGATGGTAGGGTCATTGGCGCT
GGCTCCGGGGTCACAGCCCACAGCCTCGTAATCTTTCAAGAAGAGAGTGACCAAACCAGC
GGCAACAATTGGGAGGAGCAGAGCAAAGATGTATGGCCAGAAGTTGCGCTTCACGATGGT
CATACGCTTTTGTACGAGGATGAGCATCTGCTTGAACAGACCAGTACCACGGCCTTTGCC
CATCTCCAATCTCTTGTCAGTATCAGAATTGTGGTCTGAAGGTACCTCTAGGTCTTTGTC
TGATGCTGTTCTTCCAGTTTGTTCACCGTGATCGGCATCCATGAGGTTGTATTCCTTTAC
CTCCTCAGCGTTAGCAAGGAAGACATCTTCTAGTGTCGGACCAACGATGTCGTAATTCTT
AACCCCGTGATCTCTAAGAACATCGACGAATCTGGTAGCGGGCAGCGCGTTCTCGAACTG
ATACTGAACCATGCCCTCGGAGGGTGCAGGCTTCTTGATGGCGTCTACTGGAGGTTTGAT
CGGAGCGTCCTTAGGATACGTGACGTGATATCCGGCACCCACTTCATGCTTGAGCTGGAC
CGAAGTACCCTTGGTTTTGAGTACACCACGAGAGAGAATGGCAACGTAGTCAGCGAGAAC
ATCTGCCTCGTCAAGGAAATGCGTGGTAAGCAGAAAGGTGCGGTCGCCACGCTCAGCAAG
TAGAATTTCCCAGATCTTCCTTCGTGAAAGTGGATCCAAACCAGACGAAACCTCATCAAC
ACAGCAGACCTTTGACCCTCCAGTGAACATCATAGCAAGCTGAAGCTTCCGTTTCTGGCC
ACCAGAGAGCGTGCTCGACTGCGCCTTGATTTTGTGTCCCAAATCACAAGCGCGGATAAG
GTCTTCAATGGTCTCTTTTGTGTCATAAGTTCCAGTCGACTTGAGCTGATTGAAGATGCG
GACATGCTCGTAGACATTTAACTCATCCCACATGACATTCTTTTGCGGGCACAGTCCAAG
ACCTCCAGTACCATCAATCTCAATGGCTCCACTGGTGATCGAGTTGAGACCAGCGATGGC
ATCCAGGGTGGTAGACTTTCCACTACCGTTGGCGCCCAGTAGGACCATGATCTGACCTTT
ACGCGCTTTCATGCTAAAATTATCCACGGCGATGACTGTCTCTGGAGCCTTTACTCCGAA
CTTGGTGAGAACGTTTCTGCGGAACCAACTTGGAGTCCAATGCTTTGAAAAGTTTGTCAG
AATAATGTTGTGATCCGGCGAGGAAGTCGTAGTCTTCCTGTCCGCCGACACGGTACCATA
CAGCCAGCGCTCGACAAGAGCTCCTAAGAAGGGGTATACGATAGTTTGGATGATGGCGAA
GATGCAAAACACGATGCCGGGGGTGGTCCAAATATGATCTTCATAATCCGGTGCGGCTCC
TACAAGGTTCATACCAATAAGCTGTCTCTCAAAGCGGGCAACGCAAATAATGAAGAAGAC
GTAGTTGATGGATGGAAACAGCAAGCTCAGGACATATACAGCACCCGTGCTGAAGGGTCC
AGCGACTTGCGCGATAATGGCCAGCAGGATGGGGACAATGACAATGGTGATACCAGATAG
TTGGGCTTTGCGGAAAAAGGCGGCTCCGAAGATGGAGAAACTGGTCAAGGACAGGCCAGC
GAGAATATGGAAGATTACCAATATGGCAGCATTGGATGTTTTGAAAGCCAATGCCCAGAC
GATAGCTCCCATGATGACCCAGCCTGGAAAATAAATGATATCAAATGCAATGTGCATTGA
CAAAAGACGGGCAAACTGCGTATGCCATGCTTTTTTGGCGGGAGACATTGCCTCTACAAG
CTGTGATATGCCACGTTCTCTTTCTTCTGCCATTTGGCCCGTTAGTTGATAAGTCACACC
GCATACACCAATGTACAGAGCGACGCCCATGATGTTGATGAGCGCACCCATGTACAGCGT
CCTGATGCGATCGTCATATTCCTGCTGCGTACGCTCTGTGTATGGATACTCATCAATGTC
GGGAACAGTCGCCGAGCCGTCAACGGCGGCGATGGCCTGGTCGATGGCGCGTTGGAAAGG
CAAAATATAGATCTGAACGTCGTTGTCGTCCTGGTCCACGTAGATCTCCTCTCCCAGTGC
TCCGTCCGATCTGATGGTGTAGTTCCAGCTCTGGCCTTGGCCTTGGCTCGGACTGGAATG

GAAGGACACTGCACCATAACACGTACTGGCACCGCGCAAAGAGCTCTCGCACGTGGAGAG
GAGTTGTACGTCTTGCTGGATTGTGATGGGTTGTAGGCCGGCATCACGGACCTGAGTCGA
GAGTTGTGCAATGACCTGTTCGATATCGCCACCTGTGTATCCGTTGTCGACGAAGACGAC
TTTGTCGCGGCCGCCCGTGGCAGCACTGAGCGCGTTGGGGAAGGAACGTATGAGGGACGG
GGAGCCGATGCCGTACTCGGAGGGTGGGACGAAGAAGTTCTTTGCGTAGGTAATGAAGAA
CATCTGCACACGCCTGGTCAGCCATGGCCCCGCCGTTGACATGTAGGTGAACGTACAAAT
ATGATGGGAGCCCAGAAAGCGCGCACGCTCGTGAAGAACCAGTGGCGAACGAAGACAACG
AGCAGCGTCTTCTTGGTGAGGATCCATGTCTGGCTCACGATTGCGCCTGCCATGGTCGCG
GCCGTTGCCCGCGGTGGGCGCGCTGAGGGTGCAAGTCTAGGATCGAGTCGTTCACGTGGC
GTCCAAGTCGTATGTCCTGGGTGTAACTACTTTGGGAGGATAAAGGCAACCAGAAAAAGA
CAAAAGAGCGATGTAGACAGGTAAAAAGAGGGTGTTGGTTAGTAACTAGGTAGCGAACCA
TGGATGGCAAATACCTCATCAATGTCCTCCATCCGTACCCAGCGTATACGGCACGACGCC
GAGCAGACGATGTCTTGTCGGACGTCTTCGACTACCGCATCCCCTGTCCATTCCCTCACG
CCATGGTCCACATCGGGCGCTGGCGAGGCGCATGGCGGATTGATGTTGTGCCGGTGGGGC
ATAGGGGAACGAATGACACAGCATGGCGTTCAAAAGCCCTAAACTCCCTGCCAACGGCCC
GGCTTACCTCACTCTGCTCCAAAGAGCTGGGGCAACGCCTGTCACGAAAAGCGCCAGATC
TCACCTTTATTTCGACGTCAGTCATGGTCGCGACCACGATTTCGCGTCGACATAGATCCC
GGCCTGACTCGAAGCGCTGTCCGCTTCGCTTCTACAGGCCTACGCGAACATGCCTCGGCA
ACGACCTGATTTGCCCAGACAACGCCCAGTCGCCGAGTCCTAGTCATCATCGAATGCGTC
TTCGGTGTCCTAGAGATCGCGATGCCGAAGAAAATGACAAGCCTCGCGTGCACACCCCTG
CATCGCTGCGCCTCCCAGGCCTAATTCCCGTCGCGTCATCGATTCCAAGCTTCTGTGCGA
AGCGCGAAGGCGATCATCCAATGAGCTGGGATCAGACGGGCCGACATGGCTTTCTTCTAC
CACAGACGCCTAGAAGCATTATGAAGAAACCTAACAGAAGCGTGTTTAGTTCATGTTTGC
TCTTGGCGCACCATTCGAGTCGGCGCTTGCACTTTTCGTACTCCATAGTAACGAACAAGA
CCCTTCTTCGCCCTATATATTGCGAGTGACTACCCATAACACATGGCATACCCCGGAGTA
TCGTCGGTAGCGAATTACACAACCAACGACTACCCAGGTAGCGTTACAGGGTCTAACATA
GAAGCACAAACGTCTTTGTTCTACGGACTGAAGGAATGAGGATTCTACTTATCCTTCGCA
CAGTGATATCTGTTCTTGGTAGCTGGGTGACGCTCAACTAGCTCCGGAGTGCGTCCAAGG
ATGGATTTGTCCAGCACGTGTGCTTCTTGCTTCTTCAGGAGGGTACTCTCAGCAGCTGGT
CTTTTCCAGTGATTCTTGTATGCTTACACACAGTTCCTCTGTCGTTTCGGCTCGCCTGTC
AATGTGCTTAGCCCATCAAACGGATTCCTCCATGACCCGCCAGCAGAAGGACATGTTGTC
CAACACAAAAGGAAAGCAAAGAAGCGAAGCAACTGCGTTAGAACACACGAACGACATTCT
ACAACTACAGATAGTGTTGCGTCTGACCGGTGGTGACAGTGGAAGAGAGAACAGGCGCTC
GACGCTGACGCTGACGTTTGACAGATCGAAAGTTTGGCCGGCTCCCCTTCCCGTCCATGG
CACAACGACTGCCTGCCTTGACAATGCCCTGCTCCGAGAGCATCGATGTCGACATCGACG
ACAGTAGCAGCGAACGCGCTGCTACATGATATACTGACTTGACGATCTTCTGATCGAGTG
GGCTCTTGACTGGACAGTCTTTTGATTGAGTGGGCTCTTGACTTGACTGTGACGGTGGGA
GTTGGGCGGTGGTTGGCATGGGCCGCCCTATCGCGAATCTCGCATCCAGGCAGTTGGTTG
TTCCTTTGACTGAGTGGGCTCTTGACTTAGCGATGACGATGGCAATTGATCTCTGGAAGA
TCCTAGAGCTGCTCCATTGAACTTTCTTGCTTGTCGAGTCGTTTGAGGGCGTTTCCGAGA
AATGGTGACTTGTCCGTCATCTCCTGACTTACTGTTGGCGATAGTAGTCAGTTCTCTTGA
CTACTCGGGGTTCGTTTGATGGCCATGACAGCTCTTGAATGGATGGCACTTGATCTTTTA
GATTTTAGAGTTGGGTCATTAAACTTCCTTGCACGTTCGAGTCGGTTGAGTACCCTTCCG
CAATGTCCTGAGTCGTCTGCCAGCTAACAGTCTCCAGAACCACTAACCATCATTCCCTGC
TATGTCGAACTGCACCCGTGTCGTGAGCTTGTCTGTCACTTCTAAGTAGACATGTCACAA
CAGTAGCACCATTGTCAATCGCAAGGTTAGTCACCGAGTCGGCCCCAGTTACTGTTGTAC
TAATAACATGCAGACGCTTAGACCATATCAAAGCAAACGACCACCACGCACTCACTTACC
CCACACTCATCGAAGACTCTTCCTTCTTAGCTGTGATTACTACTCGCTTACTTCTTACAC
TTATACGCTCGACCGCTCAATTACTTAATCTTTACTATATCGACCACCCGACTTACAATG
CCTGGCCCTAGGCAACGCCACCAAAACAGTGAGTCGGGTAGAGCCAACCAACATGCCCAC
GAAGAGCGTATCGCTCGTCGCGCAGCAGAACGTGAGGCAACACAACAAGCTCGCGGTCGC
GGTCAGCAGCGAGGTCGCGGTCAGCAGCAAGAAGATCGCGGTCAGCGGCAGCAAGACATA
CCCTCAGGTCAAGGTCAAGGTCAAGACTATCAGCAGCAAGGCTATCTACAAGATCAGGGT
CGCGGCCGGCAGCAGCGCGATCAAGGCCATCAGTAGCAGGGCTTTCAGCCAAGTCAAGGT
CAAGGCCAGTATTCAGACTCAGGCTGTTCACAAGGTCAGGGCCAACAATTCCACATTAAA
CTGTCTAATGCATACTGACTTGGACAAAGCAGCACCTGATGTCACTCTTTCGCCTCGAAG
TTCCTCACCATTTCCCTCGCCAGTAAATACCGGACCTAGTGCTCCTGATCAATATCAATA
CCCCGGTACGCCTTTCCAGGTCCTAAATCCCAGCTACACGCAACGGCCGTTACCAGAGCC
AGCCTCCACTCCCCGTCAGCTACCCAAGACACCCCCACCGCCTGTAGTAGCATTTTCGCC
GGGGACTGAAGCTGTAAGTAGATCCTTTGATGTACCTAAGTGAGGGCTATACTCTCATTG
GTCTATCTTCATAGGTGAATGACAGATCTTTAAATAGTAGTTGTTTGGAAGGTCATGAGT
GCCACAGACTTTGGAAAGCAATGGGATGTATATTTCTTATTTCATTGAATGGCAGTGTAA
TAAGAGAAGCCGTTCGGTATAGCATATGCAATACATTGAAGAACAGCAAAAAAAATAGAG
GTTTGGAGACAAATGAAACTTTTATCGAACCTATTACAAGTCGTGTGTGCTGGCCCCAAA
ACGTGTTCCTTATGCTGCGTGAAGCCATGTCTTGAGAATGGGATCGTAATTTTGCTGTGT
AGTTGTGTACTCTAACGATATTGGTTAAGTGCTAGAATGGCAGCCATACTCTTGTGCATA
GAAAAACATGTTGTTCTGCGCCCAGAATATATATTTGCTCCATTTTTTGCGGCATATGAT
GTGTTGACAAATGCTCACGGGCCAGAAACAGTAATGTACTTCGTGTTTGTACGACCAAAG

TAAGCTTCCTCATCATCATCTAGATTCCTTCCGGGCGTAATCATTCCCTCTGGCTCTTCG
GCGTATGCCGTCGGATAAGCGCTGTCATCGAAGTCCTCTTCTACCGGAAATTCGTTTACG
AGACTGGCCAACTCCCAATCGCCACTGATATAACTGTCCATACTGAAACGCTCCTTGCGG
TATTCAGTCCAATCCGGTTCGTTGTTTACCTCCTCTTCTGCATCTTCTCCGGTCTCCCAA
AGGTCTTGCTCAATTCCACTCAGAAAATCCCAAACATTCGCCAGTAGCTCCTCGTGTGGT
AGAAAATAGCTCAGTGACTCGTTGTCCTGTCCTGTCCAGTCACTCCATGCCTCCAATATC
TCCAGACGAGGAAACTGCGCTGCAAGTGGTTGTGCCCATAACCGGACGAGCTCTTCTTCA
ACGAGTGGATCGACCACAGAGCTACATTGGGAATTTGATGAAACGGTGTACGCATCACTA
ACGATCGATAGGATTGACTGAGGACGTGCGAAGGCGACGTGCGTCAAGAACTGGAAGAGC
GGACTATTCGAAGCCCCACTACCGGAGAGATGCTCTTGATCCACAGAAGCGCTTCTTTCG
TGACCATCAAGTGTTATGGAAGGCGCTCGAAGTGCGTCTTCGATTTGAGAATAATCGTCA
AGCGCGGTTTCGAAGGCTTTCGGATGCGGAAGACCCCGTAGTGTCTGTAGATCCGGAAGA
TGGAGTGCAACTTTCATGCGCAAGGTTTCAAGCAGGGGACAGTATTTACCGAGGCTCGGT
AGCGCGGTAGATTCCAGATCGATTGCACTTCGTGGATGAAGCTTCATGCTGAGGCTCAAA
AGTTGCGGCAACTTCCTACAAAATGCTTCGAAGTGGAGGCTCGAGATCAAAGACCCATCT
ATTGCACTAGGTTCCGAGACAAGAAGGTCGACATGCTGCAATTTGGGACAGCCATTGGCA
AGGTTCACCAAAGCCTCACCGTGAAGGAGTGGATGTGATACGGCCGATGGAAAGTTCTGC
GCGAGTGCGCCAACGTTGACTCGCATTGATCGAAGTTCACCGCATTGCGCCATCTGAGCT
AGTATGTGATCAAGAACATTCAAATCCCAATCCTGCTGTGCTCGCTCTGGTATTCTAGCA
ATGTCTAGTTGTACTTGTTCTACAAGTGGGAGGTGAGGAAGAAGTGCAACGGCCAACTCA
GGATAGCACTTGAGGTGGAGCTGCCTGAGCGAAGAGAAAGGGGAAACAAGCGCAACGGGA
CCCGATAAGTATGGCAATAGTTGCAGGCCGGGGTCGAGGTCGATGTGTAGAGCTTCCAGG
CTTGGTCGGTTACTTAAATGTCTGAACATCATATCCTTGCCGGAAAAGCTAGCGTTCATC
AATCGCACGTTCGTGATGCTGGGCACGGAGTCGATCACATCTACCAGGTTTTGATAAGAC
ACAGGATCTTCAGGACAGAAGACATCTGGACCAAAGGTAATGCTAGAGAGATTGGTACAT
GCGGAAAAGGCTGGAAGAACAGTGCCAGCGACGTAATGCGAACTACCAGATTGCGATCCA
AGGAATTCCAGTTGTGTAAGGCCTGCGTGCAGCATAGTGTTGATTGCTTTTGAATGCGTC
GCCCAGTCTATTTCCAGCTCCAGTATCTCGATTTTTGGCCAATATAAGCCTTCGAGGTAT
GCAAGATCTCCGCCACCGTCTGTAGGTCCCAATACGAACAGCCTCTCGACTTTGTTCGCA
TACCATTGTCTTCGGTCGAAAGTCATGTCCTGCAGAGCCGGAAGGTGCGGGTAGCGTCTC
CACAGGATAGATGTACCCTCGTTTGCCCAAATTTTGTTGACCATGATTGAGGGTACCAAC
GTGGGCCGAAACTCGAGAAGTTCAGCCGGCTGGTCGGGTCCCTGCTGTCTGCGGTCCTTG
TATTTCATGTCGGACAGAAAATGTAGAATCAGTCTCACGATACGAGGATCCGCGGCAGCC
TTGGCTGCGGCAGCCATGATTGCGCGAAAACGAAGGAAAAGCAGCAAAAGAGCGACTCGA
AGGAATGAAGTAACAGAGAAAAATGTGGGTGGAGAGAGCGCAAGGACAGTTACCTAGGGC
GGCAGAGGCTGTGGGTAGACAGTCATCCTGCTTTGGACCTGGTCGCTTTTCTCGCAGCCG
GGCAAAGCGAAATCCCGCCCACTCGCCACGGCTGATCGCCAGGGGGCTGCGGAAGCCTGA
TAGCCTGTCATTACGCGTCTCTGCAAAGGCGATTGTGAACCGTATGATTCCCATGTCGAT
AGGAAGGCATGTTTGGGTTCCAATGGAGAGAGTTCTTGGGCGCTTTCCTCGTGAAGCTTG
GAAGCCGCCAGCTTAGTCAACCTTGGAAGCGCGTTGGCCTTCCAGCGTGACGGGCCGGAC
GACCGCCGGAGCTGTGTTAACACCGCAGAGCTGCCCGGTCGAGTCTACTGATCGCATACA
GACAGCGTTCGTGCAAAATGCGGCGCAGATGTCAATCTTACACGGAGTTAACGCCGTTGC
TATTGGGGGACATTACGCCCGTTAATCACAACTGACCATGATGGTAGCGCTTACGCTTGA
GTACGCAGGCATATATAACAGACGACCCTGGAACCACGATTAGACAGCTAAACAGCACAT
CAAACGAAGAAGCGTAGTTGCCATGCATCTCATACTTACTGGAGCGACAGGGCTGGTCGG
CACGTCCGTCCTCGACAATATGCTTGCACAGGAGAGCATTAGTCGTATCTCGATCCTGAG
CAGACGGCCTGTCAAGATGGCCGATGGACATGCCAAGGCGAAAGTCATCATCCATACAGA
CTTCAACAACTACGACCAAGTCTTACTGGAAGATCTGAAGGATGCACAGGGTTGCGTGTG
GGCCTTGGGCGAGTCACAGAATGCTGTCAGCAAGGAGTGAGCTGTTTTCTATAAACTGCT
ATAGAGGCCTTATGCTAACATGCTTGCTCAGGCAGTATGTCGAGATAACGCACGACTATG
CCATGGCTGCTGCGCGCGCCTTCTCTACCATGCACCCAGACTCGCCCTTTACGTTTGTCC
ATGTCTCGGGCGAGGGCGCTACGCAGGCGCCAGGCACCTTCACACCGCTATACGGACGAG
TCAAAGGACAGGTCGAGTCGGAGCTTCTCAACTTGGGCAAATCGAAGCCCATGTTCAGGG
TGTACAACGTCAGGCCAGGGGGTGTGGACTGGACAAAGCATACGGCGATTCATCCGTTCA
TACCGCCGCAGGCTGCGTGGAAGAAGGCGATGATAGCGCCAATGAATCTAGTCTACAAGG
CCATGATGACGCCAACGAAGGAGATGGGAGCCGTCATGACAGAGCTGGCCATGTCCCGGG
GCGAAGGGTTAGAGGGCAAGGACATTGGCATGGAGGGGCGGCTGGTTTCCAATGTAGCCC
TCAGACGTATGGCGGGGCTGTAGAGATGATGTTGGCTGATAGAGTGCTAGACACGATGAA
CTTGATATGCTTGATGCGACGGTACCTGAGCATCCGACTGTGCACGTGGGAACGCTGTCT
GTGCGAGGGCGATGACGGCAGTGAGACCCTGGTTCGCCGGGTGGGGGCGCGTCCGAGGCC
CAAGGAACGCGTCGCCGCATCTTTCTCCCCACAGCTCCCAGCCATCGCCTCATTTCTTTC
TGGCGCGACTGCAAGTTCGACACGCCATACAATCAACCGTCTGCCTGCCTTCTCTGCTCG
ATTGTCTCTCCAGAAATCTTCTCTGCCATGGATTTCGACGAGGCGCCCCCGTCGTCACCA
CCGCTCGCGTGCACCACCATGGACCTCCCGCCCAACCCCTTCTTTGAGCACAAATATACT
GCCTTCACCACCAAGTCGAGCTCGCCGCCCCCCGTCTTTTCCAGTGATGACTCTCGCGAA
TCCGTCGATGTGACCAACTACGAATCTCCTCGTATCCACAAGAACAAACGCAAGGGCGCG
TGGTGGGACAGTCGCGAATCTGCCCACTCGACCCCAGAGGTGAAGAAGACGAAATTCGAG
CGCAATTTCGACTCTGGCATCTACATGCTCAGCGATGCCACCAACAGTTCCGAAGAACTA

CCTCCGCCCCAGTACATATCGCCTTACAACATGAGGAGCAAGATGCCGCTCAAGCGCGCC
CCCAACCCAAATGCCTCTGATGATGAAGACATGAACATGGGCAGCACCAGTGCTCCAACA
GCAGAGCAAGCCTTCGTCCAGCAGATGGACCATGGCATTGCGCGGAACCAGGAATCCTAT
GACTTTGATGGCCAGGGCCTTGAGGACAGCGACATTAGGCACATCGGCAACCTCAAAACC
GTCATTAGCGACCCGCCCGTCCACGACACTGAGCTCCCCACGGCGGGGCAGTACCGATCT
CTCCTCCCCAAACTCCAGATCCACCTCAGTAAGAACAAGCTCTGTCGGCTGGTTCCATCT
CTGTTCGACCTTGCAGATCTCACTGGTCTCTACCTGCGTCAGAATGAGATTGAAGAGCTT
CCGCAACAAATCAGCCGTTTAACCAAACTCGAAACCTTGGACGTGTCTCTCAACAAGCTA
AAGTACCTCCCCTTTGACGTCATCTCCCTTCTCTCTCCACATGGGAACATGACCCGCCTC
ACTTTCATGGGAAAAGATCTACTTCAGCCCATGTCTTCTCATAGATTCTCAGTCGCCGAC
TACCAGAAGCAAGAGCAAGCGTCTCTTTATCACACCGACTCGCTGCCACTCGATGAGGTG
CGGGAAGACGCAAGCAGTCAACTTGCGCACTTGTACCAAACTCTGGCGACTTGCAAAGAC
CGCGACCAAGCAGTCTGGCGGATCCGCTATTTCGAGTCTTGGACAAACTCTTTCGGTGGC
GGAGATGACACCCGGGAATGCAATGTTGAACAAGACGTTGGTTTCTATCCGCACCATCCC
TCTTTGCCCTTGGATGCTATGAAGGATAGCCAAGTGCTAGCCCATGCACCACGGTACATT
GCCAGGACACTAGTATCGTACTATGACCAGGGCGGCAACGTCCTCAAAGGATCTCCACGG
CTTCCTTGTTCCAACGAAGAAGAATATCCCGTCATTGTCGAAACCAACCAAGGTACATAC
GGCGTTCCTTCTTCACCTTGGTTCACCCCTCCGTCTACAAGCAAAATGTCCTCCCTCGTC
ACAGCTAGCTTATACAGGGGGCTCAAATCTACGAACATCGGTACCATCCGTGCGTTCCTC
GATTCAGATTTCCTCCCCGTCGTGGAAGCCATCCTCTCGCAAGCAGAGGAGAATGCCGCT
GACGGATATGGTATGTTCCGCAGGTGCCATACCTGTCACACGGAGTACATTGTAGCACGC
GCCGAGTGGATTGAGTTTTGGAGTCGGGGAGGCGAATTCGTTCCATTGAAAGCCAGTGTG
TGCTCCTGGGGCTGTGTACCTGTAAGCATGGTGCAGAGGCCGCAGAAAGAGTTGGTATGG
TGAAGTCAGGAAGCAACTAGCGGACATGAAGAGCAGCACAGTGAGATGCACATGGTAGTT
TGGGGTCAGCCGGCTGCACGACGGGTTTCACTTAGGCTATTTCGATGATCCCGGCCCGTT
CGCCGCCTTGCCATCTTGACCGTTCTAAGATGATGTAATCTGCCATACCTTCCGTCCACC
TTCCATCGCCTTCTACTCTACTACCCTTCCTCCATACCCGTCTCGTCAGCCAGATTTGCG
CGCTAATGCACTTTGCTTCTAAGCTCGATGGAGCAAAAGCGAAGATTCTGGACGCTGGGC
GACGTGCGCTAAGTCGCATCGGAATCTGCAAATTGTATTCATGACCACAAGAGGGCAATC
CGTCATCTCTCCCCTCTCTCAAGCTGTATTCAACAGGGTCCATATCATTTCGTGTGTGCT
CATTGACCTGGCACGCGAACCCCGAGCTCGAGACCACGTCGCAAATAACTGGCCTCTATA
TCCCAAGAACTCAATCTAGAACGTCCGGCGCATGGTTTCTTGGTATCTTCCTCTATAACT
TCACATACTACGAGTAGATACGTCTACGCTGCGGTCGCACTCTCATTTGGTGGACTGGAA
TCTAAACAGAGTGGCCTAGTGGATGAAAGAGACAGGTTGTGTTGATCGACGGCAAGAGAG
GAAACTATCACTTTGAACGTGGGGCGGGGATCTCTGAGGCGGGGCGGTTTCCCATCCCCG
AGGCTGTCTAAGATGCGGCATGTCGAAGTGGGGTCTACTCGAGCATGTCGTTTTGTACAC
TACGATCCGGTTGCCAACAGTGCCTAGTGACTGGTGATCCTTCGGTCAAAATCATGATCA
AGAGGATAATAGGCTTTCAAGCTCGTCCTGAGTAGTGATTATCAACTCCACCATTTATGA
GAAATTGACGCGAGCAGGCATGTCCGCGCTGCCGCCTCCTGTTGTAGTTAGGCCGCGTGC
TAATCCTGACCGAGTTTAGATTGATTTGGTCGAAGAATTGCGATAACAACACGCCGTCTG
AGTGGGCATCTTTCAGGTATCACTATTCTCTGTATCTCATACCCCGGACTCGTACGTGCA
CGTAAATGGGACTAGCCGCCTAGCCATTGCTTTGTCAAATATACACCATGGTTCCGAACG
TAATTGTCGCACCTTCCAGTACCGCGCAGCACATCTACACATGCCCAGTCAATACAGTGC
TGGATGCAAGACAACCGCAGATAGACATGTAATCCCGAAAACCTCTCCAAAGAGCTTAGT
TTCCCCCTACAGTGTGAATGAAGAAGCTTATCAGCTCTTGCAATCGCTTGCCATCCTGCT
TATCGGCGCCTATCTTCAGCCCTCGTTCATACCCTTGCCGGTCTCGACTCAATCCGCCGA
ACCACCGTTCGCAACATGACGTGAGCGGCTGGAGAAGACCATATCGACGTTTCAGCTGGA
GCCCATCTTGCCTGGCTTCGGTGCATTCGCGTTGGCACTACGCACGTTAGGAGGACAAGC
CTTCCTTGGGTTGCACGACTACCGGCCATGGCATGCTGACAAGGGTTGCTTGAGCCTACC
GCATGGATTGCTCCTATCTCGGCTGCATGTACATGAACGGAGTTCTTAAGCCCTGCGTCG
CCGCGCGTTGGATCCCTGACGTGCTTTGAGCATTCCACGACATCGAAAACTGATCCTTAG
TACAGTGATTGACAACGCAGACATGTCTGAGAAGAAGGTCGAGGAGTCGATTGTAGGAGA
ACAGAATGTGGACTATGGCATCGGCAATGTGCGAAACTCGCACACGGCAAGTCGTAGAAA
GAGTTCCGCTGTCGATCCGGCCATCATTGCAGGAGAGATCTTTGATGAGCGTTATGAGAC
CACGCATCGAGGTCTGAAGTCAAGGTAAGTTGCTGGCTGTTCCTCGTGTGGTGTGGTGTG
GTTTGGGGGGCTAATACAGAGCAGACATGCCCAAATGATTGCTTTGGGCGGCACAATAGG
CACTGGTCTCTTTGTCGGCTCAGGCCAAACCCTCGCTCGCGGCGGTCCAGCCTTTATCCT
ATCCACCTATATCGCCATGTCCTTCTTGATCTTTTGCACTGTTGCAGGTATCATCGAAGT
CGCCGCCTATCTCCCGACTCCTGGGTCTTCTATGAACCTCTTCGGATACCGCTATGTCTC
CCGCTCAATGGGCTTTGGACTCGGATGGCTATACTTTTACTCTCTCGGGATCTTGGTACC
CTACGAGATTACAGCGGCTGGATTGGTCATTGAGTATTGGAACCCACCCGTGAACATCGC
AGTGTGGATCACGATAATGATCATTGTCATCGTCGGGCTGAATTGCTTCCCAGTCAAGTT
TTACGGCGAGACGGAGTTTTGGTTCGCTGGAACAAAGGTTGTGATGATTTTGGGACTGCT
TATCTTGTCTTTCATCCTATTCTGGGGCGGTGGTCCCAAGCACGACCGTCTCGGTTTCAG
ATACTGGAAGAACCCTGGCGCGGCAAATACATATCTAGAAGAGGGTAATGCGGGGCGGTT
TGTGGCACTGCTATCCACCATGGTACTTTCTGCCGTAAGTGAACAGCTCCACAAGGTCTA
TTTCACCTTCACTAATCCCTGTTTAGTTCCCGTTTACATTTGCCCCCGAGCTTCTTGTAG
CAACAGGTGGTGAGATGCAGTCACCGCGGCGGAACCTGCCTACTGCTGCACGCCGATATA

TCTACCGTCTTCTTTTCTTCTACGTCGGCAGTGTGCTTGCAATCGGTGTTATCTGTCCCT
CAAATGATCCCATTATCACCTCTGGGGGATCTGGTGCCGGTTCGTCACCATTCGTCGCAG
GCATCAAGAACGCCGGTATTCCGTAAGTGGCCCTGTACGAACTGATTGTGGGCCGTTCAC
TGACCTCGTATACACGCATCTAGGGTACTCGACAGCATTATCAACGCCGGTATCATCATA
AGTGCTTGGTCATCAGGAAACTCCTTCCTCTTCCTCTCCTCGCGCTCCCTATATGCGCTT
GCGCTTTCTGGTAACGCGCCCTCCATCTTCAAATCATGCACTAAGTCTGGTGTGCCATAC
TGGGCTGTTACAGCGTCTTCACTCTTCTGTGCCCTAGCATACCTGAACGTAGGCAGCGAG
AGCGCCGTCGTCTTTAACTGGTTCGTCAACTTGACAAACACGTCTGGCTTCATCTCGTGG
ATCTGCTGCGGCATCATCTTTTTGCGTTTCCGGAAAGCTTGTGAAGCGCAAAATATCACC
GACCTGCCATATCGTTCACCAGTCAACAAGTGGGGAGCTTGGTGCGTTATCATTAGCTTC
ACCTTCCTGTGTTTGATCAATGGATTTGATGTCTTCTGGCCTGAGAAGTGGGACGTCAGC
TCTTTCTTCACTGCATACGTTGGTATTCCCATGTTCTTTTTGTTCTATGGAGGACACCGG
ATCTGGGCCTGGAGCGATACCTGGGCTTATGATCCAGCGGAGGTGGACATGAAGACAGGA
CTGGATCAGGTTCTCGCTGAGGAAGTACCAGCAAGAACAGTGAAAGGGCCGTGGTGGAAG
AAGATTACATTGATCTGGCAGTAGAAAGGAAAGAGGGTTGATGAAGCTGTGAAGCAAAAG
TAGGCAATTCTCAATCACCAAGGATGTTCAACAAATATTTATTACTCCATACTACTCACA
CCTTATGCATTTCTTTCTGATCTGGAGGTAATTCCGCTCATCCTATTTTCATAATTGAGT
ACATTTGAGGGGTGTTGACCGGTCTTTATCAATTTGTCTTGTATTACTCGTCGAGAGAGT
TGCAAGTCATAGCCCTGGATTTCTCAAGACTTCGAAACTGTAGGAGTTCGGAAATGGAGG
GCGGCACCTTGGAGGAGGGGTTTCGTCTAGTACCGAGTGGGACTAGTGTCTAAGAGTGGT
GCGTCATATCTAGGTGGCTGGACAACTGATTGCGAAAGCCCAACATGAACCCACGAACAC
GCCCGCCATGGCATCATCACATTTGCACTAAGGTTACCAGGCCCTGGACTGATTCAAAAT
ACTTTCGCGTTACCGAACGCGCTAAAGGCTTAGTCCTCCTCATCTTCCTTCTTCCGTTGA
CGGTTCAGCTCATCAATGACCTTTTTGCCGCATGCCAGAATCTCCAGTGTTCGACTCTTA
TTGTCGTGATCCCTCGTCTCCGGGACCAAGAAATATGTCGTCACAGCACCCGCTACCATG
AACGCGCTCATGACTTGTAAGATGTGCCCGAAGTTCTGTCGTTCCCATCTGAAATCGTCC
TGGTTTTTAGACTTGTCGGATTGGAAAGCATACGCCAGAAAGATCTGCACTACCCAAGAC
CCGAGTTTTCCACTAGCAGCAGCTATCCCGTGGCAGGTACACCGATATCTTGTCGGAAAG
ATCTCAGCAGGAATGATGAATGTCGTCACATTCGGCCCTAGGTTGAAGGCGATGTGACTG
ATCACATACAGTACCATCAGTCCTGCTCGACTGCTGTCGAGCAAGTTCGTCCAAGCGCTC
CCGGTTACGATGAAAAGTATGAACAGAACCAGGAACCCCCAGAACTGGATCACTTTCGGT
GACACATACTTGACGATCTTGATCATCAGCAGACCACCCACAACTGTCCCTGTGGAAACC
ATAACCAGGGTATATTTGCTGTTATCGCTCAGTGTCTGGTACACAGACGACTCAGCTTTG
ATACCACCCGGCCAGATGTGTCTGACAATCTCTGGTGAGGATAGACCCAGCCCATAGACT
GCCTCAAAGTCAGTAAGTCTGTCGCAGCGGCTTAGTGGTCTACTCACATGCGAAATCGAG
AAACAGCCAAGCCAACGATGTTCCCAGTAGGTACTGCCAATTCTTCTCAGCAATGAAGAA
CTGTTTTGCATCGGTCCATGAGGCGAGTGGAGGGGAAAACTCTGGATCCCCTGGAGAAAG
CTGGACCTGCGGTACTGCAGTGGTACGAAGATGCACGTTACTGAGTCGGTGCTCGGATTC
ACTGTCGCTCTCAACATCCTCGTCAGGTGCAATCACTGAAGAAGTAGTTGAATGCCTCGA
AGCAGGCCTTCGGTTCTCCGATGAAGCAGGCACATTCAATAATTCAACCTCGCCATGTTC
AGGGTTCGCTTCGGGCGCGCCGAAAAAGTTCGCGGTGTCCTCGAGAGTACCTTTCGTGTT
TTGCAAGATGTCCAGTGTATACCTTGGGCTCTCTGGGATTGTAAATCGAAATACGAGAGC
AATGAGAGCCGGCACAACGCCAATGCCGATGACAAGTCTCCACAGCCGATCGATAGCTCG
AAAACACTCTAGGTCGGTAGGTTGACAAGATCCTACATTATTCTTGATCCAGGGCTTGTA
CGCTTCTACTGCAGCAAGCGACAGGACATTGGCGAGTAGTTGTCCAACAGGTTGAGCAAA
GAAAACCCAGCTCAGCATGCGCGCACGGTGCTTGCGAGGAGCGAACTCCGCAGTGATAAC
CTATTTCACGATCAGTAAAGCGACGATCACGCTCGATATCGATACATACAGCACTCAAAG
GGTAGTCAGCCCCGATACCAATGCCTCTGTAACGTCAGTACTATCAAGAATCCATGAGCC
AGGTCACTCTTTCTTACCCATAATCGCTCGCCAGGTTATTAGCCACCCTCCAATCGCCAT
GCTATTCTTTTCTCCGTTCGAACTCATGAGTAGCAACATCGTACCGACGATAATGATTAC
CAACTCGAGCCCATACATCTTGCGTCGGCCCAGAAGATCTGCTGCGAAGCCGAATCCTAT
CTGACCTAACATTGTACCCGCAAGTGTTGAACACATCATGGCCGTCTTGACCGAGGACGG
CACCGAGGGTATACCACCTTCGTCGTGGTTAGGCCAGTAGACGTAACCTAACATAGGAGT
AACGACATTCAAGGCGAAGAGTCCGAACGCATCTGTTAGGAAGCCGATGCCAGCGACTGC
CACTACCCAGACCTGGAAGGGTGCTGAATCGATTGTTGCGAGCGTCCATCGCCGACGCCT
TATCTCCTGTCACTAAGATCAGCAAGACAGCTACAAGCAGTGGACTCATTGCGTGTGAAC
AGGAATAACTCACAGGAATGCCGCTCCCGCCTGCGGTCAAGTCCTCTATCCCGATATGGT
GGCTCTTGATTGGTCGTGTGATCCAGTTCCGAAGACCCATCGTCGCGTCAATGACGAACC
TCTTTTACAACAGGTAGTCGCACCCCAGCGCGTATGCTTTGGCAAAATCTCTTTGTGTTG
CGTCGTTTGTTGTACACAATCCTCTCGGGGCAGCGCAGTTCATATTGAGGGCGTACGAAG
CTTCAGCCTCCACTACGATGCGCATCACCGAAGCCACTCTTAGAAACTTATGCACAGCCC
GAGGCGACACAATAAACCGGTCAACAAAAGGGGGTGCATTGGAATTGGCGCTACTCATGG
GTTCTTCCTCATCGTGTCCAATCTTGTTCTCTTCGCCGAAGTCAGACTTGGTGGCGTTTG
ATGCTGCAGAAAAACCGCAGCATAGCCCTGACATGTCAACCTTACAGGTCATCTGAGATT
GCCATTGATGGCTAATTGAGGATGTCATCTGCGACTCGTCATGTCTAGGGCGGGTGCCAG
CGCAAGAATGAACACACAGTTGCGGTGGACAGTGTGGACTTTGGACTTGTCAGAATGTCT
GTAAGATGGAATCATGATATTGCCTTCGATATTTTGAGTGGAAGCCGCGCGGTCCTGGAT
GATGATGGTTGGCTAATCTGGGTATCTGGTAGTCGACGATGGCCGTTCGCCTCCCCACGT

GGTGATCTTCGCATCCTCATTGAACGTCAAAAGCCGCCATACCGGTTTCGGTGAACCATC
CTGATACCGCCACATGCACGAATACGAGCTGTATGCCGCTCTCGAATAAGATCACGGCTG
TAAGTAGTGCTTCCGACGTTGGAAGGCTTGAGAAATGCGCGTGCCTGGGCTCTAGTAGCA
TGTCAGATAATATGCTAAGCCACTCCAGATGTCGCAGCGGTCTGCCTTTGGGTTAGCCAA
GTTATGCACATGTCGGGAAGCTGGATGTAAGCTTGGAGGATTCTTCTACAACCCCGTTTG
CGTCTCTCAGAGGCTTGAACTTCTCTTGACTGTTGCCTCCACTGTGTACTAGCAGTTCCA
CAACGCATGGTCAGTCACTAAACATCCTGTGTTGCGCTTGAGCGCGGCGCAAGAGAACCG
AAATGTCTTTTGGATGTAGTCCATCCGATGTGTTGAAGCTATTGGAGATCTCGACTCGTG
TATACCTTGCTTTCAAAGGTATGTTCAGCTACCACCCTGCATCAGTATCTTCCAGGGATC
AGCTTGCTAATCCCTACATTCAGATGCGAATGAGAACTCAGAAGCTCAAGTTAGTGGGCT
TGTGAAAGAGTTCACCACCTTCCATACTTGTCTCAAACAGCTAGGCGAATTGATGAAACA
ATATGGCCAAACAATGCCATTTCCCGTCAAAGATTTCGAAGACACGCTGAAGAAGTGTGA
AAAGACCCTGGAACCATACGCTGATCATCTCGTCGATAGGAAGATGTCTGTTAAGAAGTT
CATCTTCACTATCCGCTATATAGGGATGGAAAAAGAAATCGATGGACTTAGAAAACAGAT
CAGCGGTCACTATCAAGCTCTCAACATGTGCATCTCATTTCTCCAGTTGTAAGCGTCATG
CGCACTCAGCGCTTAGAATTTAGTCGCTGACCGCCACTAGACGGCTTCATCTCGAAGCAA
CAAAGCAAACTCAGCGCCTTCTCGATGCCGCGCCATCTCGTACAGTAAACATGGGTCGCC
GCTCATACTCCACTCACAGTCTTGGAATTTCCAGTAACCATACGCCATTAGCGCTTGCGC
CTCCTGACGAACACCCATTGTTCAGCGAATGGAAGATTTTTGATAGATGGCTACAAAGCG
AGGATGAACGCATAGCTCAAGAAGCGGGATCGTCACGGCCCCTATCGCTAGGCGACATAC
CCGCTTCTGTACCGAGTGGCGATGTTCAAACCGCTGCAGTACTGTATCAACTTAGGCGAC
AGGTTGACGATGCGATACTCATTGAAGAAAATCGCGCGAAGCGGGCTACTGCCGAGAAAC
GAACACACCTGGTCCCGAGCGATACGATGAAGCAGGAGGTCCGCGATATGCCACCAGCAC
CACTGCGAGTGTATACCCTCAAGACAGACCATTCTGGTGACTTTACGGAGTCTGGCCAAG
AACTGATGAGTGACTCGACAGCCACCATCCGTCCCAGCTTGAGCATACGACCATCATCCC
CAGATTATTTTGGCTCGTTCAACTGGACACAGTCGCCAACATCAAAGTCTCTTTGTTCGG
GCCGAACTGCCTCTATGTCTACAACAAGAAGTAGCGAATGCTATTCAGCAGGTACTACCC
CAGAAAAGTTGCTATCTCCCACGCTGCAACGCAGTCTTTCGCGCACATCGCTGGCCACCA
TGGCATTAGGTGACGCTGCACTCGATTGGAAGCGCGTCTGTCGCAATGTGCAGGTTGAAC
GAAAGTCTTTAAAGTACGGGTCCGAGAACCGTGAATGCGACGTTCGGTGGCGATATCGAG
AAGATACTGGCATCTCGCTGCGAGCAGTATATTACTCTAGCCAAGATGGAAAACTACGCA
CTTGGACTGAACAGCATTTCCCTGCCACCGGTCCATCGATACCATTGACTACCACATACG
CTGACGGTGCAGTGTCTATTGATTTTCCACGTGGTTCGTTCGGAAGACTATACAAACAGT
ACATTGACATTAAATACACATTTGTTGGTCACGAATCAGCGGACAAGTTCCAAACCTTAC
TATACACCAACAACGGCGTCGATCCTGCCGAACTTAAATTCGATCGACCTATCCTGGCTA
TATCGTCAAACGAAAATCCAACTGAATGTCGTAACAAGAATCTGCGATTATGGCGGCGCG
TTGAGACGCAGCTGGTAGATGGCGAGCTCATCACATCCGAGGTTCTGGTTTTGCTATTCT
ACACAAGCGCGTTAGAAGAAGAGAAAGGTCACTGGGTCGAGGAGCCACATTACGCGTTTG
AGTGGCTTGCAGATTCTATCTACAAGAAAGAAAGCGACAAGCTTACTCTTGTCTTTTCAA
AAGACCCATCGCGTTGGGCGACCGATAAGCTGTTCAAACGCCGCAAATCATCGACCCGGT
CCGAGTCCGAGCCTGTGAACTCTTCTCTCTTCGAAAGGAAACGAAACGACTCTATAGAGA
TGCCAGAATTGGCGCGATCAGAAAGTAGGGCCTCAGGGTCACTGAACGGCTCGCTCCAGT
CGCCGAGGAGCATATTTGGAAATGGCAGTGGGTTTTCGAGAGCGGGCAACCTAAATCGGT
TTGGGTATTCGGAATTGGACATCAAGTTTCAAAGCAAGAAGGATAGAAGGGCATTTCTAG
ATGTCTGGAAGCAACACGTGAAGCCGTTAGTTGCGGCTTCATGATCCCACGTTACAGAAA
GGGAGACATTAGCGGGGTGTACTGTACTATGGAGGAAGAAGAAGAAGAAGAAGAAGAAGA
AGAAGCACAGCGCATGATCAGGCTGGCGAGAACGACGGTGTTGGCTGCCAATATAGGCTA
ATATACGCAAAACACGTTGATACCAATAGCTGGATGGTAATGAGTGAAAGTCTTTCTATA
AAGCCTTTTGTAGCAGTTCCGTTAAACGACACATTATTTTGTTTGTCTATGGGGTACTTG
GACAACCTCGTGAAATAAAATGAGTTTGAGTATAGAGGAACAATGCTCTACCCGATCTCA
CCCATGGTGGCTGATAAGAAGACAGGATCCGTAAAGTTCTTTTCGCTGCGCGCTCATCGT
ACCCAAAATGACGCTTTGCGCTACATTATGCAAGGAGAAAGATTGCGTTTCGGCTTTTCG
TCTGTTTCAAATGATGCGGCATTAAAAAGATCGCGACTGGATGAAAAACCTGAAGTTTCT
TTTTTGTTTAAAGACATCAATACAGACAGTTGGAATTATGTCTCATCTTTCTACTTTTAT
TCTGTATATCTTCGCATCGATCTAAAGTAGCAATAGATGGCGGCCATCCCGATAGGAGTG
CGCACGATACCTGAACACATCGTTAGTGCGGGATAGACCTCGTCATGACCCATACGCTGC
ATGCGTGTTACGTATTCACCTCCTTGGCAGTCAGAGGCGTAGAATCGCGTGTGATTTAGT
ACGCCTGAAGCCATTGCCAGCGTTTGGCGTAGTGCCTGTTGGAAATAAGAGCTACTCAAC
GTTGAGGACGAAAGGTTGTAAAGCCAGGGCCTGGACCTTGCGTGATGCAGCACAGCTACG
CCACAACTTGATTCATCCGCAACAGGTTTTTACTGCATGTGCGTACACGAAGAGGCGTTG
CTGAGGAGGGGCACAATCCCTGTTAGGCGAAGCAATGCGTACATGACTGAATACAGGATC
AATGCTAGAAAATCGAACAAGCTAACCATGCGGGACTATGCACATCATTTGGAGAGCAAC
AGGTTGGATAGACAAGAAACAAAGTATAGTAACAGCATTTGAGAAAAGAAAATGATTATG
GACAGTTCAGAAACAACAAAGTAGTGCAAGCCTGATAGCATGCAGTTCTCCACCTCGAAG
CAGATCAAGCGCAAGTTGCATTGGCAGACATCTTGCCAAACTCATCCACGTTCGTAACAG
CACCTTGGTCGTCGTATTCGATCCTAACTTGCTGGTTGCTCGAGACAGATGGATCGCCGA
CGAGGTAGTTAAGTGGCTCGAATCGCATGGCAGAATGCGCAGAGCTAAACATTGTGTTTG
GCAAATCGCCAGTATGCGGGAGGTGGTGCATGCCAAGGTTGAACCAGAGTACTCTGTGTC

TTGTTAGTAAGGTGTTATATATCATCAGCCGCGATACTGATAAGGAATGGGGTTACGAAC
AAGTCCTCCTGCTCCAAAGTCTCCTCATCGAAGAAGGATGCAAAATCTACCAAGGGATCA
TCCTTGTTAAACTGGTTGTTGGCATCCGCAGCCCTCGGCTCCGTCTCCTTTTGCTGAGTA
ACGTAAAAGTCGTGCGTCACAAAGGAACCCGTCTTGCCAGTATTTGTCGAGTTTGTTTGT
GTGAGATGGATTGTACCGGCAGCTCTCTTGATTCTGTAACCCGGGTATTCGCCGTATGGG
TTCGGTGTATCCCTATTCACAATGGCGTACAATGTGTTATCGTTCTCTGCCCAATTGATC
TTGGATTCGCTCTCGTTGGATACCCATGATCGCTCGGCTTTAAAAGTGTTGTATACTCGA
CCTTGACTCCAGGGATATGTCGTGGAAGTTGGCACAAATTGCAGTTTCTGCACACTGTTC
TTCCTTCCGTTGATATCCAAGTCCACCTTGAACGTGAGGGTGTGGTCGTGTGAGCTACCT
GAGAGAAAGTCATGGATGTGGAAGCCGTACTCCGGTTGGTCCTCCCAATAGGCAGCGGCG
ATATATCCAGAAAAGCGAGAGGATACTTCGATGCCTCCGTCGTAGAAGAAGCTGTAGTCG
ATCATGAAGTCGTAGTTGCCTACTGTGGCTACGGTACGCATGGTGAATTGAATATTCTTT
GCTACACTGGTGTGTGGTGCGGATGGTGAGAAAGAGTGGCGGCGGATCGGGTAGCCAGCA
TCAAACTCAAATATGCATATAGCATCCGCTTGGGTCTTGAGTGTATCGCCTTCGGTCCAT
GTCGCAGGTAGATATGTCGCATGGCTAGGGCAGTCGTACCCCTTGACAAGAGGCTGTAGT
GTCGAGCCCATACCACTTGTAGTGTCGAAGAATGTTGCTTGCGATTGGAAAGGATCGGTT
CCGGAGTAGGACGTTAGAGCTTCTTGCAGAGACAACTCATAAATGATACGCCGGCCTTTG
TATTTAATATCGAACAGCGAAAGGCCAAGATCCTGGGAAACAGCATGGTAGAATGTAAAG
TCCATCCAAGATATGTATCCCTCTTCAGCATCAATCTTGAATCGCTGGTCTCCTTGGGCA
ATAGACGCCGGTGGTGGTAGATGGTCCAAGGGCATGGGCGTTCCCTGCCTGTCAGTGGAC
GTCCAGTTACCCAGTACATTCGGTGGTGGTTTCTGGTAATCGGGCTGGTTGATTGCGGCA
CGGAACTCTTCAGTACTGGCGTAAAATTGTCCGTACGAGTACCAGCCAACAGCTTTCCAA
CTGTCCGAATTTTGTCCAGTCAAATCAAACTTTACAGCAAAACCGAGCGGCTCCACTGTA
ACACTGCTAAGTTTGGTACCTGGATCCTGAAAGGCCGCCGCCCAGGAAATTATTCGGCCT
TCTTCGTCCCAGAAGGGACTACCGAGCCGGAGACCAATGCTACCAGTAAAGAAAGTCTAG
ACATATAAGCTTTTGCTGTTACCCAGTGCGTATGTCTTCTAACTTACAGTGTTGAACAGT
TGCATTGAGATATCCTCGACTTCTGTCGAGAACCTCGTGAAGAAACTTGATGCTTCATTA
GGTGAGTACAAAGGATGCATGGGAGTTCGTCCCGGTTGAGAGTTTTGGAAGGGAAATGTC
AACGGTTCAACCGCAGTGGCATTTGTTGCTGGTAGCGGCCCTACCATATACTCTTGCCAG
TATTTGTCCGTCGAGTTGGTGGTGCCGCTTTGAATAGTTGCTCGCGCATAACGCCTTGGT
GCGGTGGCATTGCTGTCGAGAAAGGGTAGAGTGTCCGTCTTGTTGGGATGAAGAAGGGCA
AGCTGTACGCTGAGATGGTGTTAGTAGGCACAATGATGTTCTGGATTGCCAGACTCACAC
AAAGTTATCTCGGCTGGATCCTGTGTTGCCTGTCAAGCTCATTCTCTCTTGTAGAAGCTC
ATTGATACTAGCAGCTTCTTCTTCGGACAATGCCTTCCATGGGTTCTCGTACGGCGCGCT
CACTGTGGGTTGGCGATCGTTTGTCGGCGTATCTTGTGCCGTCGCGAGAGAGGCCAAGAC
GGCAGCACCAAGCGTTAGAGACGAAGTCCACTTCATGTTGACTCGGAACGAAAGTAAACG
AGCGTGCAGATTCCGAAATGCAGGTCTCTGCAGATTATATGCTCGTCTGTTGGCCCATGC
CTATACGGTAGCACAATACCCCCAAGGGCGTTTGTGCAGTAATCACACCATAGCTGGCTC
GCGTCCTTAGCGATGAGGAGCTATGCCTCAGACATCGGTTCTGTTGAGCAGGCTGAAAAA
ACAACATCGCGGTGTTGCTTTGATGCACGCTGTGCGCTAGGAAGGACATGATCGGCGGCA
CGGTTCTCTTCTGCATATGTGCGAGGGGAATTCAGCTCCACATCCCAGCGACGTGCATCC
AAGCGCCTTCGTTACATAATACGGCCGCTCTCACAGATTTCGAGGCAAAAAAGTACAAGT
GACTGCACTGCATCGACAAAAGAACGTCTTAGGTTAGCAAGAAAGTGTGGTTGTATCATA
ATTGAAGTGTCACGCACGGTTGGCGACTCAGGGGCGGGGCATCCCTTCCGAAAGCTTGGT
ACGGCAATGCACCCCGCAAGAAACAATAACAGGCGAAAGTGATCCAGCAAACAAGCTTTT
CATGGCTACCTGTCGGTCCCAAGATTTGGTCGCCGATGCTACCTAAGTGCTTCTGGAACT
CTGCAAATAGAACAGCCTGCGTTTCCACGCATTCCCCAACAGCTGAAGATCGCCCCCGTC
TCGTCGTTCGCCACGCCATCTAGGTACGTCGTTCCAAATCGCGACATTCTATCATTGCCT
TCTCTAGTCGCCCGCTTTTCGCTTGCGTTTTCCACTCTACGTCTTGTCGTTGTCACTGCT
GCTGATGCTGATGTTGCTGCGATCCTTGTCCCGCTCACACATCCTCTACGCAGGTTGAGG
GTCATTGTTCTTCCAAGGTTGGATCTGAACTTCCAGGACCTTTCCTATCAATACCGCAAT
TTCCGGAGCCTGAGCTTCCAACTTCATCGCCATAAATATCTCTGAATTTCATCTCGTTGT
CATGGCCATGTATGCCCTCTCATCCTTCGCTACAAACTTTTCTAGGGCCAAAGGGACAGT
ATAAGCAGGATTGCGAAGACCAGCTTCGAAAGCGATATCATGTGCTCTGTGGGCGGCTAA
GTATAGTCTTGTAGTCAACTAGACCAGGCCTTCTTCAGGACCTGGACCTCAATAGCGTTG
GTGATGGGATCCACGTATAGGATGAGGATGCGTTCTTCAATCTTAGTAGCATGCAGCGCA
ATCTTTAGGTCGGTCTAGCAGATATTGGGGAGACTATGGATGACTTGCTGCACGGAGCGA
ATGCACTCTGCATCGGAGGTGGCCTCGCCCATTCCTTTGAAGAACCGAGCGCGCATTGTC
TCACGAGTAGCGTCTTAAGACGGCATTACCGTGTATCAAGGGGTAGTGTGCTGATCTTGG
CTTGTGACAACCTGAATAAACAAATATCGGAGAGAATTGGTCGTGGTGGCAGTCGGTACG
AGGGTGGCGTCCAAGTGGATCGCAGGATTGACAGAGGCAAGACGGTATTAGCGAGGGAGC
AAACAAATTCACCGCTCTACTTGCTTGTACATGAGAGAAGGACTAAGACATATGACGCTC
GCAGGTTAACAGCTTCTCTTGTTTCCTGTATTCTTCCGATGTCCGGCACTGCAAGCAGGA
ATGCTATGATAGTCAATACGTTGATTCCACGTTTCTATTAAGCGAATACAGTTCACATCT
TGTGTAGATGACCTTCCTGTCCTGTTTGGCCGCCACTTTCTCATTGCATCTCTCGGAGCC
GCGCTTGTGTTCGAGCAATCTCTAGCCTGCAATGCTTTTGCCAAATGGCCACTCACGCAT
TCGCCGGGGGTCCATCGCCTGCGTATATGTACAACGTGCATAGTACCCCAGTATACAAGT
CCTGCTTGCTGAACAGGGAATATATTGCTATTAGAACAATTACGTACGCTTTCCAGCAGA

AAGACCCAATCATGGTAGAAAGTTAATGAGTTGTTCTGGTGCGGTAGTTGGAGAGCGACG
TCACACCAGAGATATTCGATACATGGCCAGAGCATTCCTAAAACTACAGCTAGAGCTGTC
ATGTGCAATCTTTCGTACGACAAGCTGGCTTGTTTCACATTCAGTAGCCATTTTTCGTTC
TTCACTTCGAGGTCATGATCGCCACACCGCTCGACTTCTCAAAGAACGATCGCATACTCA
GGAAAGATAGCAGCAGTGACATGTCTAACATACATCGAACGACAGTCTACAAATAGCGAC
CGCAGCAAATCTCTAGAGCGTGATCCAAGCCATTCGATATGAGCGCAAGTTGAGTTCAAC
ACCAGCAGTCCAAGCATCTATGTCTAGAACATTATCAGCGGCATCAACGATCCACGATTG
TTCCGATGCTTAGACATTGCGCTGGATCGAAAACGTCTGGAACTCATTTGTGTATCCCTT
CCCGTGTACTTCAACTGGTCCGAACATGAAGCCAACTCATGCATACCTGTTGCAAAGTAC
AATTTGCGTAACAACTTTGATAGCCTCTCTATCTCACGCGACACATAATAAGACTCCGGG
CCATCTTGATCGAAACCGTGCTTGTAGTAGCGATGAATACATTCGTATGCCTCCAGGACG
TGGTCGAAACATGGTGGTGCTAACATTCTCAGCTCAAAGAGGCCCTCTTCCAGGCTCGGC
TACACATTGTTAGGCGTGCGTAATCAAAAAAGGCTAAGCGGGTAGCATGTAGCGTACAAT
GTTGTCATGAGTAACACAAAACTCGCAGCATGGACCTGCTGCGAGCTCTGAGAACGCCCA
CCATGGAGCTTGCAGCCTTCGAGACGATCGAGGATTGGTACAGCGCGCATGTGAATCTAA
GAAATCAAAGCCATTCGACCACCACGGGTATGTCTGATATGGCATTTCGTGTTCTCTCTG
TTGATAATGCCCAACACACCACGCTGTGAAATGATGAAAAGGCAGTGCGAAGACAGCGGT
GAAGTAGAAGAGTTGACTATGATATGGCTACTGTGTGCGAAGGTCCTTATACTGCTGGTC
ATTGTGCTTGCTCACGTCGCACGCTTAATACCAGCCCTGCTTCTTGCACCACCACAAGGA
TTGTCAGAACGAAAAGGCAACCCGATTGTACCACGCAAACGAAGTGGCAGTGGTGAGACA
GTAGTCATGCTCTGCACATCAGTCCAGGATCAGTAGATGTGGACCAGGCGTTGAAGAGTG
ACATGATCTCGTTGGAGAGTTGTTATGAGGCGCAGGGGTTTCGCAGCAAACAGCTCAACA
AGCCCGAAGCCCGCGTGTCATATTCACCGCTGACTGAGTGATGCTGGGCCGTTGGATTCA
AGTGCTATGTGGGAGGCGGAGAAAGGCGCGTGACAAGACGGGTTAGAAGACTTTTGGGGC
GGGACGCGCACCGACCACCACTTTACGCGTCGCGCGTGCTTCGTGTGCCGCTCAGCTCCT
TCCATGATTGACGCTCTCAACACTCTCGGCAATTGCAACGCACCCCTCGCACCTTCCTAC
AGCATGCCCAAGATGGCCTCTACCGTTCTCGGTAAGAGGACTCGCAGCTCTGCACGTATA
GAAGCTTCAGGTACGAGCCACGGCGGCTCTGGTCGCAGTTCCTCGGACAACACGTCCCTA
ACGCGCTCTACAGAGTCAAAATTAAACATCGCAACGCGCGCAAAGCGGAGGACTCAGTTC
GTTATACACGACGAAGGGGAGATTGAGAATCCCTTTATCACTCCAAAGAAGCAAAATGTG
CGCGACGAGGATGCAATGGACGAGGATGCAATGGACGAGGATGAGCCCGAGGAGAAGGCG
TCGATAAAACGCGGAAGGAAGACAGGCACAACACCCGCAAAGTATGCCTCGCAATGCACA
CGACTCCCCGTTTCCACAGCCAAGGAGAACTCCCCGCAGAAGGCGCTCGTGGACATTCCA
GAAAACTTTGCGCCTACTCCTTCGACACCGAGACATCGCGACGCGCTTGCCGGCAAAGTT
GCCGTCACACCCAGGCACCGACTCATCATTGCCGGTCGACCTTTGACACCGCGCACACCA
CACACCCCAGGCACTCCACGAAACACAGGGCCGACAATCTACAATGAAGCGCGTCAGGTA
TTTGCAAGAGGCTCTGCCCCAACTGCATTGTTTGGTCGCGAAAATGAAAGGAAGGAACTC
GACACGTTCATCACAACACGAACTAAGACGAAGACATCGGGCTGCATATACGTCTCCGGT
CCGCCAGGCACCGGCAAGAGCGCTTTCGTCAACGATGTCTGTCGTACAGTCTCATCGGAT
GAAGCCGTTAGGACCGGATACATCAATTGTATGAGCGTCAAGAACGCCACAGATCTCTAC
AGAACCCTTTTAGAGGAGTTCGTCGACATCACTGAGATCGCAGAGGGCGACGAGATGGAT
GCGCTTAGGACTGTTTTCATGCAACGGAAGACATCTTACGTCGTTACGCTCGATGAAGTG
GATCACCTGCTGGACTTGGATATTGAGCTCTTCTACAACATCTTTGAGTGGTCGTTACAG
AAAGAATCGGGCCTTGTGCTAGTTGGCATTGCGAACGCGCTGGATCTCACAGATCGATTC
CTCCCGCGGCTCAAGGCTCGCGGTCTCAAGCCGCAACTACTGCCGTTCCTCCCATACAAC
GCCACACAAATATCCTCTGTCATTACCTCAAAACTAAAGGCCCTTCTCCCACCAGGCTCA
ACCCAACTACCATTCATCCACCCAACCGCCATCATATTCCTCTCCAAGAAAGTAGCCGCC
CAGTCCGGCGACCTACGCAAAGCCTTCGACATCTGCCGGCGGGCAATCGACCTCATCGAA
GCCGACACGCGCGACCAACACTTGAAAAAAGCCACAGAAATCACACCATCACCCACGCCC
TCGCCCTCGAAAACCCCTCTAGTTGAAAAAGTCAACCTCTCCTGCTCAGCCGTGCGCTCA
CCCACCAAAACCAAAGACCTGAACAGCATCATCGCCGCCTCCCTGGGCTCCCTCACTGTC
GAAACCGCACCCCGCGCCACCATTGCCCACATGGCCAAGATCACAGCAGCAGTATTCAGC
AACGGCACAAGTCAACGTCTGCGAAACCTGAACCTCCAACAAAAAGCCGTCCTCTGCTCG
CTCTCCGCCATTGAAAAAAGGAAGCGTGCCACCGCTGCCGACAGCATTCTAGCCACACCG
TCAAGATCCCACACTACATCTCCTACCATCAAAGAACTTTTTGAAGCCTACACCGCGCTG
TGTAAGCGAGAGAATATTCTACATCCTCTTACGAGCACTGAGTTCAGGGATATCGTAGGC
AGTCTGGAGACACTGTCGCTTGTTTCTGCGGTGGAGGGTAAAGCTGGGTCGCTGGATGTT
GGCGCTGGCACGCCTAGTCGCAGGGGGAGGGGTAAAGCTTTTCCTGGGGTTGTTGTTGAG
GATCGCAGGGTTGCTAGCGTTGTTGGAGAGAAGGAGTTGGCGGATTCACTCGTGGGGCCT
GGAGCTGGCATCCTCAAGGGTATCCTGGAGGGAAACTGAAAAGACGCTGTTGTTGTGCTT
TTGGATCCGGTCGCATGGAATGGGGCTTGATTACGGATCATATTGTGACATCCTCGATTG
AGGCTCTGTGTTTGTCTACTTGTTTTGCGAAGCGTGACGCCAAAGTTCTTGCGCATGCAT
CATCGCTTGTGTTATGAGCAATAGTCTTTTAGCGTAGCATAGCCGGCTTCATTCAGGGGC
ATAACAGCTGTACACCAGAAATGCAGTACGATTTCAACACGATGCACTTTCATATGACAG
TGATTCCCAAGATTCATCAATGGGTTAAAGACCGAACTTTTGTGCTTTTGCATCTTTTCA
TGTCTCAGAGGTTATGGTATCATTCATCTTCATCCCATCCATGCAGATCCTTGTATTCCA
GTCTTCAAGACACAGGTCCTCAGACCTTGACGCCCCCTCCTTTCACGGCGTCCTCTTTGC
TCACCTGGCTCTCTCCTTGTTCATCCGCTACACCCTCCCCGCCCTCCTCCTCCTCCTTAT

CCTGCCTCAACGTACTTGTCGGCACCTCACTCTCCATGCCCGCCTTGCGAAACACAGCCT
GCATCCAACACCTATACATTTTCAACCTCCTCTGCCTATTCACCAGCATACGTCTATCAA
CGCCAATGTGCGCAACCTCAAAACCCGGTCTGGGGGTCTCGGGATCATTAACGTCATCAT
GACTCTGCTCTCTCGTCTGCGAATCCGGATCATGAAGCGACAGACTCTCAATCTTATCCG
CGATGACGCCCTCAGCCTCTGTCTGGGATATTGTTGTATCTGCCACATTGCCAACCGTCG
TATCGCGTTTCCTGGCTGCTCCACCCCAAATGTCCTCGAGCTCAGACTGCTCGAAGAAGT
AGACTCGCGTGCCGTCGCCGCGGACGTAGAAGTTTTCTTCCATGTACCGGCCTTTTTTGA
AGCGGACCTGAGCTAGATCGCCGCGTCCGTAGTCGCGGAACAGGACTTGGCCGCCCGGCT
TGAGGACCCGCCAGATATTGCGGACGGCTTGGTCCCATTGCTTGGGATTCAGGGCACTGA
AGATGAATATCATGAGTACGACATCCACGCTGCCTTCTGTGAGCCCTGGAGGGAGACCGC
CGTTTTCAGAGTCGGGCGATGCGGCTACGTCCCATACGTCGGCTTGTATGCGTTCCGGGT
CGTAGAGTTCGTGGTTACGTATAAGCTCGACTGCCTTTTTGGAGAAATCGCATGCGTGTA
TCTTCAGCCTCTTGTTTTGGCTCCTCTGCAAGATGGGAAACGCACTGTTGCCCGCTCCAG
CGCCAACTTCTAACAAGGTAGCCTCGGGTCCGTCTTCTGCACCCAGTTCCTCTAGTATTG
GAAATTCCTGCGCCAGCCATTTGCGGTTCTTGAAGAAGTTTGTCTTGTTGTTCTTGTAAA
ATTGGTTCCACCACTTCTCGGGCTGGTCATTGTAACGTTTGCGATCAAACTCGGAGACGG
GCTCTTGCCGTTGTTTGGAATATTGTTCTTCGGAGAAGGCAAGGTAGTTGGAGTCGACGG
TTACGTGGTCCCAGGCATTGAATTCGAAGATGTTGTCGCCTTCCTCGAGGTAGCGCGAGC
CGAATGCGAAAGGATCACTGCGCTTTTGGTTGTTGCCAGGGTCGTGGGAGCGAGAGGGTG
GTGCGCGGACAGGCTGTAGAGAAGCAGGTACTCCGTAAGCGTCGTTCTCGGGGCCTTGTT
GCGTGGGTGGAGATGCGGCATCGGAGGCTTCTGGCGGTGGCGTGGAAGTCGAAGTATGCG
GTATAGGATCGACTGTGACTGCGAAGCGCATATGTTCCATTGCTTTGGATAATTGCTGTT
TAGGCTGTGGCTTTCTTGACATGGTGTTGTCCGTCTGGAATCTCGAGTCGCCACTATCCT
GAGGACTTGGGCCGTTCATGGCGTCTGTGTTTGCGCTTTCCATGGCATCCATCTTCGCAG
CCGTGGCCGACTTTTGTTAGAGTCGCGTACGCGGGGCATGGGGATAATTCATGGAGGGGA
AATTTCAGCCGCTAATGTCGAGAGGAGTTTAGCGGCCGCGGTCCCTGACAGCGTCATTGC
AGAGCCGCATCTCCTAGCGGCGCGAATCCACACTCAACTGAAGGTTGATGCGCTCATCGA
TTCCAGGCTTTCGGAAAACCTTAGGTATCATGTCGAGGTGACACTCTCAATACAACCTCC
GCTGTCCACTGTTGTAGATTCACAATGGCATCCTTGCGATCCGCTCGCCCATCGGTGCAC
CGCTATACGCGTCTTCCCCAGCGCCTCCCCCAACGGCGAACTTTCCTCCCCAACCCTTTC
GAAGCACTAAACTCCGCTCTCCCATCCTCGTCCTCGCCACCTCAAATCCTGACCGCCGTA
CGGACTCTCCCTTACCCCTCGGACCCCGTCTACTCCATCATAGCCGACGTACCCAATTAC
CAAAACTTCCTGCCCTACTGCCAACGCAGCGACATAACGAAGTGGTCGGCACCAGATAAG
GTTCATGGCCGGCGGTGGCCATCAGAAGGCATCTTGACGAGCGGCTTTGGTGGCATAACC
GAGAGTTTCGTGAGTAGGGTGTATTGCATACCGGGACGCTATGTGGAAAGTGTAGGCGGG
AACACGGAAACGAGCTTGAAGATTGACGATATCGCCCACCACTCAGATGGGGAGAAGCAG
GGAACAGAGAGGAAACAAGGCGAAAATGGTTTGCTTACCCATCTACGGAGTACGTGGACT
GTCGAGTCTATCCAGAACGACCAGACACAGGTTAGTTTGGCGGTAGAGTTTGCTTTTGCA
AATCCCATGTATGCGGCCTTGAGTGGGGGCGTCGCGCCCAAGGTGGCAGAATTCATGATC
AAGGCTTTCGAAAAGAGGGTGCAAGAGCTGTTGAACAACAACCCGGACATGGTAAAGGCG
AGTTTAGCGGAGCTGGATGGCAGTCGATTGAAGAGGTAGCACATGGTCTTCATCAGAGGG
CTACAGCAAATCCAAACGAATGGACAAACAATCATGTTCGGTCTGTGTGTGCATCAATCG
CAATAACATTCTTCGTCCACTACTTCATGCTCTCGAAATACTTCTTAAATCGCGGCTCGC
GCTCCAGATCACATCGCAACACCGCGTCATAACAGCTCATCAGCAGCTGCGGGAACTTGA
CCGTCCAATATCTCAGATAGCCACTCGGCAATGGCCCCACCTTGGCCTTGATTGCATCCT
CCATATCCTCGTAGTGGTTTTTCTTGTTCCTGAGCGCTCTCAACAGATCCAGCATCTTGT
CGCCCGTATACTTGCGCTGTTTTCCGAGCGAGTTGATGAAACTCTGGTCAAGTTTGGCGA
GGAAGTTGCGTCTATGATCCAGTACGTCTTCCGAATATTCTTCCAGCACTGCCAGGTGTT
CCGATGGTGGGTCTCTGGGTTCACGTTCCCAATGATCCGAGCAGTCGCACAGGAAATCAA
GGCGTTTCTGATCGTCCCAGAAAAAGGGATGGTTCATGACTTGCAAGGCGTTGGGGCGGT
CTTCGGGCCTGGGTCGCAGCATCCAATAGATGAGACGATGGGGCTCTACGGAATCGGCAC
CGAGAAGCAGGCGATCGAGATTGGACTTCTCTTTTTTGATGTTGTATTCGCGAATCTGCA
TCCAGCCTTCTTCGTCATCGAACGGATGGCAGCCACCGGTGAGGACGTAGTAGAAAACGC
ACCCCAGAGAAAATATGTCAACGGCTCGCTTGACCCCTTGCGCGACCGGGTCTGTGGAGC
TTGATGAATCGCGAGAGAAACCTTGAGAGCTGCCGTTGGCCAACTCCTTCGGTTGCGAGA
TAAGCTCAGGCGCTTTCCAGCCAACCGTGCCTGCATTGCCAGTCGTTCCGACAAGGGTAC
TGACGTTGTCAGGCAGCGTCTTACAGAGTCCGAAATCAGATATCACTAGCCGTACATCGT
CCTTGGAGGTGATCAACGGCTGTGCAATCAGTATGTTCTGGGGTTTGATGTCGCGGTGGA
TGATGCGAAGATGGTGAAGGTGATTCAATCCAGCAGCGAGTTGGTACAGACAAGCTGCAG
CTTTCCCGCTGATCTTATTCACCAACTGCTGGTGGCTTTCAGAAAGTTCCTCTCCTGGAC
GACCGTCTTTGTAAAGGTCAAACAGACTAGCTTGGCAGAGTTCGACGGCGATATATAAGA
AGTTCTCATCCCTCTCATCATCAAAGTATCGAATAACGTTCGGGTGCGGGTCGCTGTTCT
GTAATAGCTTCACCTCTTGCTCTGCGAGTCCGAAGTACTGTGGTAACATGCGTTTGACAG
CCACCTTGACTTCCTGCAAAGAGAATTAGTATGAGATACTCATCGAGAATGCGTGGAAAC
CGTCATTGCTGGACGACCGACATGCTCAATCGTAACAGATTGACTTGTTCAACGTACCTT
CCATTTACCCTCAAAGACAAACGTTCCTCCACTTCCGTTGCCAAGAAGACGATCTTGGTC
GATCGTCAACTTGCCGATCCGTTTGATCTCGGAGACATTCTGTACATCGCCACCACTCAC
AGTAAGTTCATCGGGTTGCAGGCGAGGCCCGACCTCGAGTTGCTTAGCTGCGTCCACGAT

GCGATTTACCTCGTCTTCTTCTTTCTGTTGATTCTTGCTGAGCTTGCGTCCACCACGTCT
ACCCCGATGTGCTTTCTTCTTCTTAGGAGTCGCGGGCGCGGCGGATGGGTCCTGCGAAAT
GTCGTCGATACTGCTAGTCATGGGTTGAGCATCCGCGTTGAGTGTGGAACCAGTTAGGGT
AGGTTCGTCTTCACTAGGAGAGCCACGTTCAACCGTCGTGGTTCTAGAGAGAGGTGAAAG
ATCTTCATCTTCGTCATCGGGGACGTTGAAAGTCACTTTCTTCTCCCTGACTTCCTCAGC
AACAGGGGCGACGATATCAGCCTCTACTACACTTTCTGCATTTGGCTTCTCAGGGACGAC
GTCCTCGCTAACAGGCACTGTTAGAGTCTCCTGTTTTACGGGTTGATCGATTTCCGGCTC
GGTAGAGGCAGACAGTGGAGTCGGTGACAGAGTGGCCTTGGCTGGATGCAAAAGTCTGTT
GAGGTAGCTCAAGGAGGACTGTCGTACTGTTGGCTTCACAGTAGCTCCCAAAACGACAAC
GGCAATCATAAAGGAAACAAAGAGTGTGATGGATGCTTTTGCCGTCTGCGTTTGAGGCGG
CCCTTCAATCGTTTGCTGTTGAGGGTTTTCATGAGGTGATGTCACAGGCGGATTAGACAC
GACTTGGCCGTTCAAGGTTGGAGAGTAAGTCGTGGCGGCGATGCCTGGCAGTTGTGCCTG
CTGGCTGGGGATCCTGTAGTCCAGCCTGTGGACACCAATAAGGCTTCTCCTATCCGGCAA
CACGTAGGCTGAGTCCCAGTCGTATGATACCTGGTTCTGCTTGTAGCAAGCTGCGTCGGG
TGCGCCGTCGGTGACTGCGGGGTAATTGACTTCTGAAAGAGCATACCAAGCCCCCGATTC
GGTCGTGTTGAGCAGGACGTGGTTGGCTTTGTCATCCGAGAAGATGGGGCCGGCTGGTTG
TGGGAGCAAAACGAGGGGCGGCTCGTTTGACTGATCGTTCAGAGGCCGAGCGACATCAAA
GACACGTGCTACCGGGTAAGGCAGACGTTGTCTGTAGAGGGGACGCTGGTGCGATCTCGG
TCGCTTGTAGTCAAAGGCAATGACTTCGCCATTGTACATGGTATAAATGTACTGCTTGTC
CAGGGTCTGATCGTACTGGGACTGCAAATCCTTGTCTCTGCTGTTTGGGTTCCACTCTGC
ATATTTGAGCGTGCATATATGCTCGTTGGTCTTCTTGTTGTGGATGGTGATGGTGTACTG
GGTCTGGCCGATGTCGATGATGCCACGGCAATCGCGTTCCCGAGTGCTGAAGAAGTTCTT
GGAGTCGGGAGCGCAGCTATCGTCGTAGGGGAAGTTGCCGCCCGGAGTGAAGCTCTGCTT
GACAATGCCCGAGGCGGCGTCGACGAGAAGCATGAATGTCTTCTTCTCGACGTTGTAGAC
GACGGGGAGTTCCGGGTCATCGCTGGAGTAGGGTGCACTTTCGGCGAGTTGCTTGACCGT
GACACCCAGGTGCTGTAGCTGGGGGTGGGGGCCTGGAGTGAGGAGATAGAGAGCTCCGTC
CTCTTTAGGCTCGACGACCCACACAAAGGGCTGGTGGTGGGGGCTGGTCTTGTCTTCGGA
GACGTTGTAGATGGTCTCCAACATGGGCCGTCCGCTCAGCTCCCAGATCTCCTCTCCATT
GTATCGGTCGCGTGCGTGGATATGGCCATCGACGGTCGCCAAGAGAACAAAGTCCTCAAC
TTCCCAATCCTGCAGAGAACGCGCACTGGGGATGAGGCCTCCCGAGGCAGCGTATCTGGC
AGGATGGGCTCTGACAGCACTGATGGCTGGAGCAGAAGGAACTTTGGTAGCTACGGCGCG
CACATTCTGGTCGTTCAAGGGCGTGTAGGCATGACGTCTGTGGGCGTCCCCTACAGTGTC
TTTGAGGCTGGGGTGTCCGCGGTGGGGTTTGATTGTGTTTGCGTGCTGCACGTGCACCTC
GGCGTGGGGAGACGTGTTGCCGACATGGTGGTCGAGTGGTTGCTGCTGCTGAGCTGCCAC
AAGCGTGATGATGAGAAGGGCGAGCGTGGTGAGCGTCGAGCCAGCACCGGGCGGCCGGCG
CGGACGCGGCATGGCGGGTCGGTCGTGCGTCGATGAGTGGGAAGCCTAGGGAAGGCGGCG
AGAGCGGGGGTGATGGAGCATCAGAGGGAGGTGATGAGGTTTGGGCAGAAGAAGAAGAAG
GCCTATGGCAGCAGTGATTTTGGCCTCGATATTAACCTGCGGGGGCTGCTGCAACTGTCT
GGGCGTGCGCCGCAAACTGGGGGTCTCGCCGGGGCCTCGTCAGCCAGCCCGCCCACTAAA
CTCCTTGCCGACACGCCCGCCTGTTTCCCTTGTTTTAGCACCAACCTTGGCCCCGTCGTC
TTTGCTGTCCACGCAGGTACCGGCAACACGGCCAAGTATCACTTCAAAGCATCGTTCTTG
TTGGCAAATATCTCGTCTCTCTCCGACTCTGTCTGCTACTCTGCCTGCAGCTCGGTCTAC
GACACAGTCAGAAGGGGAACACCCATGTTTCTTACCAAGTCCGACTGCCATGCTGCGGCA
AGTACCATGTAAAAGTCTAAGATTCCTATTCGAGACAACAACATGAAACAGATGATGTGA
GCACTTGAGTAGCTCTCGCAACTACTAAGCAACTGTTTGTTCACAGTCCCCAACCTGTCG
TTGCGTGCAACTTCACTCCACATTCGGCAGTGTCCGCCCCCACTGCCACATATGTGACAC
GACCAAAGGAGAAGCTTGGTCTTCATCATGTTCGTCTGGATGCATTGGTGTCTTTCATAG
TATACACTCTATCTAGTGTCGAAATCCTTGAGGACATCATGCTTGCTCACCCCACCCTTA
CATGCGCTCACGTCTCCGTGGTGCGCTTCGGATAATGTTGTCTACTCGCAGTAGCAACTA
GAGTCGTGTTAGTTCGTTGCTCAAATCACGCGTATTGGGTAGACTTACCTCTGCAGCCTC
TGATGCTGACGACACCACCGCGCGCTTCAGCTTATAGCTCTCAATGACGCCAAGCTCCCT
CATGTCCGTAATGCCACCTCCAGGGGACAGGAGATCCAGACCTGAGCTGGTCAAGCCCGA
GTAGACGGCTTTCCGGAGGCGTGTGACCAGGTCGCTCGAGTCGAAACCAGCGTTGTCGGC
CAAGATGGTGGGTAGTTGTTGGAGCGCCTTGGAGAAGGACTCGACAGCGATGGCCTTCTT
GCCAGCCACGTTTTGTGCCGCCTCCGCCACGGCCTTTGCCATGTTCATCTCGGCGCAGCC
ACCACCCAGTGTTGTCCTTGGCTCTTTGATCGTCTGTGACAGAACGGCAAGTGCGTCGTG
TAGCGATCGCTCGGCCTCGTCGAGAAGTTGCTCGGTTGCACCGCGGAGGACGATGGTGCA
TGCCCGTCCGGCATTGATGCCCGAGAATCTGATCAACACGTCCTCTCCGATGATGACCTC
TTCGACTAGATCGCAGTGGCCAAGCTTGACGTTCTCTGGGTGGTCAAAGGTCGAAGTGAT
CTCTCCACCAGTGACTAGGGCTAGGCGCTCAATGCCGTCAAAATCGGCATGCTCGATGGA
GCAGATGCCAGCATCCGCGAAGAGTTGCTCTGGCCAGTTGTAGATGAGCTGTCGGTTGAC
GAAACAGTTGATGCCGTGTGCCTTGATGCGCTCCACCTTGGCCTTCATCTTCTCGCGCTC
AGCCTTCTCCAGCTCAGCGAGCTTGCCTGTCGAGTCGACCTTGACCCGTGCACCGAAGAT
CTTGATCTTGTCCGTGTCCATGGCTGTGTTGGCAACCAGAATCTTTGCGTTTTCTATCCG
CTTTGGCTGGTTCACACCGAACTTCTTGTCCAGGATGAATCCCTCGTCCAGGTACGAGTC
CTTCAGCTTTCCGCCAGCCTTTTTGATGATCTGAATGTGCGTGAGGTCGGTCGATCCCCC
CAGCTTGAGGACGGCGTCGACGGCAAGTTTCGCAAACTGTTGTCGGTCCTGCGAGAGCAC
TTTTGAGCTCAGAGTTGTTCGGGCAATGGCCTCGAGATCTTTCCTGAAAGCCTGCTCGTC

GCTGCTGTGGTCCACGGCAATCTTCTCCAGGGCTTTGAGAGCCGCAGAACTCGCTATCCT
GTAGCCCTCAATGATAGTCTGGGGGTGGATCTTCTGGTCGACCAGCTTCTCTGCCTCTCG
CAGCAGTTCGGCGGCAAGGACAGTGACTGATGTCGTTCCGTCGCCGACCTCATCATCTTG
GACTTTTGAGATGTTGACCAAGACTTTGGCAGCGGCGTTGTCGAGGGCAATCGCTTTGAG
GATGGTAGCGCCGTCGTTTGTAACCATGATCTCGCCGGTAGAACTGGAGACATGTCAGTG
CAGGCATCATATGGCGGGGCAGGAGGCGGCACCTACGCAGACTGTAATATCTTGTCCATG
CCCTTGGGGCCCAGTGTGCTCTTGACCAAGTCTCCGACGGCGATGGCTCCTACAAAGGCC
GAGAGACGCGCATTCTCACCCTTCTCCTCTGTGACATCCTCCGCAAAGATCTGGGTGGGG
TTGGACTAAGTGCGAGTAAGTGCTTTTGTTGCTTTTGCAGCGAGGCGTGCGACATACCAT
CTTGAACGCACTCGTAAACAGGCAAAGAGGGGTATCTCGGAAGGTGTGGGGTTGTTGGTT
TGTGGTGCCTGAACGCGACTTTTTTCTCGACCTGCCCGCGTTGAAGCTGTGTTTGCCGTG
TTTGCGCCCGGAGCTTCCCCGGCCAATGGTTCCACCGGCGCCCGTGACCTTTTGGATGCC
TACAACTTTCGCTGCTTCACCACTCCAATTGCGCGAGCAGCTGTATTCGACCTAGACTCG
TAGCTCCTTCCAGCTGCCACTCGACTGCCGTATCCTCGCAACGCTTTTCCCTGCGCAAGA
TGTCCAAACGACCGGCGCTAGAACCTCTCGAGGAAATGTACGACGCGCCTTCTCCAGCAC
CAAAACGCGCCAAGGTCGAAGATGAAGAGATGGAGAGCCCTCAGCCCGATGGCGCGACTA
GCAATGGCCATCTCATGTCACCGCGCGAGCAAGATCGAGACAAAGTAGACATCACAGGCG
CATACGACGAGGAGCATGCCGAGCTTGAGGAAACCGGCGCATTAAACGACAACGACGACG
ATGACGAGCCCGCAATCGCTGCGCCGAAACGCCAGACCGCCCCAGAAGCCGGCTACACAG
ATCTATACCTTGATACGATAAATCGCAAAGTCCTCGACTTCGACTTTGAGAAACTATGTT
CCGTTACCCTCTCCAACATCAATGTGTATGCCTGTCTAGTATGCGGGAAATACTACCAAG
GTCGCGGCCCCAAATCGCAGGCATACTTCCACGCGCTGGAGGAGGGCCATCACGTATACG
TCAATATGGAGACAAAGAAGGTCTATGTGCTCCCAGAGGGCTACGAAGTGACGTCCAAGT
CGTTGGACGACATCAAGTTCGTTGTGGATCCGCGTATGAACAAAGAAGAGGTTGCGAAGC
TAGACAAGGAGCCCAAGGTATCATGGGACCTCTCCAATCGAGAGTATATCCCAGGTTTCG
TTGGTATGAACAACATCAAAGCGAACGATTACTTCAACGTTGTGATACAAGCTCTATCTC
ATGTTTCTCCTTTGCGGAACTATTTCATGCTGGAAGATTTGTCGACCCGGCCGCAGCTCG
CACAGCGCTTTAGCACCCTCGTCCGTAAGATTTGGAACCCACGGGCCTTCAAAACTCACG
TCTCACCCCATGAACTCCTCCAAGAGATAGCTCTTCGATCGTCAAAACGTTTTACTCTCT
CTGACCAGTCAGATCCCGTCGACTTCCTCTCATGGTTCCTCAACAATCTTCACCTAGCAG
TCGGCGGCTCGCGAACAAAACCCAACAGCAGCATAATCCAGAAAGTGCTCCAAGGCACAC
TGAAGATCGAGCAACAAGAAATTACTGCGCGTGCTGATGCCGGTGATCGTCTCCGCTTCG
AAGACGCCGCCGTTCAAACCGAGATATCACGTTTCCTCGTACTAACCCTCGACCTACCGG
CAGCCCCTCTGTTCCAAGACGCCCTCGAGAAGAACATCATCCCACAGGTCCCTCTTGTCA
ATATCCTTTCAAAATACAACGGTGTGACTCCACAAGAAAAGTCAAAGAACCGCGTTCGCT
ACCGCCTCCTACACCCCTTACCTCCTTACCTCCTCTTCAACATCAAGCGCTTCTCCAAGA
ACAAATTCGTCTCGGGACGGAATCCAACCATCGTCACGTTTCCCGTACACTCTCTTGACA
TGTCACCGTACGTCGAGCCGAGTCAAGACTATCCTCCCGGCGAGCCTATCTGGTATGATC
TTGTAGCCAACATCACTCACGAGGCGGTCAAGAAAAAGGATGACAGTGTTGAAGGTGAGC
AGGAAAGCAAGGTTTGGAGAGTGCAGGTCAAGGATCGAGCGAGAGAGGAGTGGTACGGTA
TTCAAGATTTGTATGTTGAGAAAGAGAGGGCTGAGACGTTGTTTACCAAGGAAGCATATC
TCATGGTTTGGGAGAGGAGAAAGGGGCAGAAACCAAAGGGGCGGTAGGCAGAGGAAGTGG
TGACGGTCTTGTACGAATATTTTAGGGAGCATAGTTGGAATATCGTCTTGTCGAGGAATC
AATACAATGACTTCCTGCGCCTGGATTTACTATCGCAGATGAAGGATGTCAGCCCCCAGT
CATTCGTAGCACTCCTCACATAGAATATTGCTACTCCAGATTTGACCCGACCACGTCATT
TTCGGGCTGCCTTGAAGCTTAAAATCCAGCCAAAATCTACCCGACAGAACCAATAGGCTA
GCCAGATTGACTTTTTCTTGAGATGTGTGCTGTTGTCAAGCATCATTTATCATAGCAGAA
CCGCTCTCATACCACATTTCTAAATTCAACAAGATGGGAGAAAGAGGGGAAGTCAAAATC
TACCTTTAGGCCGTTTATATTCATCTCTATACACGCACATATGCCGTTTCGCACTTGCCA
TCCCCACCTGTTCCCGAGCATCTCATGCAACCAAACAAAAACAAAAACGAAAGGGGTGAA
AGAACAACTCTCACCACATGATTCCCTTCCAGTCGAACTGGCCGTCGATGTTCCTCCACT
TGCCCTCCTGTACAGCACTTCCCCACCCCATCATAACAGCCAGCAACCTACAACTCGTAC
TACTAACTGTGCAAACCACCGTGTCCGCCTTGCTCAACACACTCAAATCAAGCAGATATG
CGCGCCCAACAAGCTCCCTCAGCTTCATTGCACTCTCAGGAACAGCAGAATTTTCCTCAT
TGACCTTCTTCATGTCCTCGGCGTTTCCAACAGGTTGTCCCAAAGAAAAGAAGACGTCGC
GATAGAAGCCGCCTTCCCACCCTGTAATCTCGTCGATCCACGTGTTCTTCTTCGGCTGGG
ATTGCGCGGCTTCGAGAGCGGCTTTTGTGGCGAGGACAATGCGATCTTGGGCACGAACAC
TGTTAGGGCCTAGTTCGGGGGAGTCGTAGACGAGGGGGTCGTCAGAGGCGAGTATCATTT
TCGAGGTTGTATGGCGGGGGGTGAGGGAGTCGGTAGAGAAGGAAGAAAATGGAGAAGAGA
GTAGACTGCGTTTGGCCATTTTCTTCTTTAGTCCGCCTTCGACAAGATCGATGTAGAGAT
CGCGGGCGGTGTCGACGTAGCGGGCTAGCGGGATGTAGTCCTTTTGGTACTGGTATTCCA
TGGGGTGCTTGTCGCCGTGGCGGACGTGCATGGCGATGCTGAGGCCGCCTTCGCTCTTAA
CTTCACCGTACATTTCCAACGCTCGTTGGAGGACGTAGGTTTCATCGTCTGAGCGAAGTT
TAAAGAGAGCCTCATAGCCTGTTCGGGCGAGGTTGAAGATTTTCGATTGGCGTTGCACAC
CCATTTTTGTTGGATCCTCCCACTCGTCTGTAAAGGCATGTCCAAAGGTGGATTTCAACG
TCGCTCCGCTGACGACGATGTGTCGGGCAGTGTGAGGACAGGGAACGATGTGAGATGGAG
GAGGAGGAAGACAGTTTGCGGAAGGGGGAGGCTGGAAGTAAGAGGAGTACTTGCCATACG
GCCTGGCGGTAGCGTCAGTGTCAATCATCCGGTAGTCAGAAATGTAGATACATACCAACG

AGTGTCATCAACGAAAAAGGCGCGCTTCTCGGCTTTCGCCAAACCATACGACATCCACAA
ACGCATCAGCGTATTGCCAAAACCTGCATCCTCCGTTTCCATGACATATGTCAAAGTCCT
GTCACAGACCTTGAGTCCTTCCGTAGAGATACCATCCCGGATAGCCTCGTCCTCTACGAA
GCTTTTGGGTCTTCCAGCAGCCTTAGATGGTGGCAGCAGTCCTTGTTGTTCCGCTTCCTG
GACATCAATGTAATATTGGTCTTGTTGATAGTAGTTCAACATTCTCTTCGCAAAGCCAGC
CGAAGCCTTCGCTTCCTGTCTGATTTCTTTCGAGACTTCCATAGATTGATGGCAGATATC
ACGGTACTGCGCCGGACGAAGCGGGAATTCATAGTCGGATGGTATGGATACAGTCCACCT
CATCTTTCCCTTTGCGTCCTGCAGCGCAAGGGCGACAGGTTCATGCGGCAACTGACTGCC
ACCAACCATCTCCCATTCTTCTTCGTTGCCATCCTCATAAGTTGCCGCTCCTTGCGAGTT
GGCGTATATCTGCCTCAGCACAATCCATAGTAGGAATGCTACACCGCAGCAGCCTATCAG
TATTCGCTTCACCAACTTTGAATGATTCGGCTGTGCAGTCTTCTTTCCATGCTTTGGCAG
CAGACTAGGAAGGCTCGGACTCGGTGGTGGGGATCTCGCAAGTAGGCCACGTCTCGAGGG
GACCGTGGGAGAGAGGAAAGCACTAGAGGTAGCAGACTGGGGTGGCGGGCTCAGTTGTGA
ATAGTGCGCTGTCGACTGTATAGACAGGTTCGGATTCCGTCTAACATGCATCTTGGAAAG
CTTCTTCGCAGCCTGGTTTAGCATGTCGAATGCGAGACACCCGGTAGACTGATGTGATGG
GCGTGCGCGTCGTCACCGCTCGTGGAAAGAGGGAGAATGTAGGGTACGGCCAAGTCGAAC
GGCTTTCTGCAGTGCACAGTGCTACAGTGATGACGAAGCTGTAATGCCGATATATGCAGG
TAGGTAAACGTCACCTCTGACCCTGCAGAGAACGCTCCAACAAGCAAGTAAAGATGTAAT
AGTAGTCAAAGGAGGGGACGTAGGCACCGCCTATCAAACAAGCAAAACAAGTAGAAGAAA
AATAAAGTACAAGAATGTATAACTCAATCCCCTCGTTCGCTCAAGATACGAATCAAAGGA
AGAAGGAGTAGAAGGACGTTCAAGAAGCCATTCGAAAGGGCGGGCAAACCTAAGGCGTGT
CTTGAAGAGAAGGCCCCTCCTGGTGCACGACGAGTTTCACAACCAGAAACAATCCGATGT
CCGAGCAGGATCCCGCCGTAAAATGATCTCCATCAAGGAGCGCCCGAGAGTCCCTTGCAC
AGCGGATAAAGCCAGTAAGCGGCCCAAGGGTATAGAAGCGACGACTCGAGAAGCGCTGCG
GAGACCAAGATAGGATCAAAGGTAAGATTGCAGAGATCGCACTTGCTTGATCCAGGAAGG
TTACAGCGAGAATGCGGAAGGCGCAGGAGGGGACCTCATCTTGCCGCATGTGCGCGGGCC
AGGGCGTCGTTGTTTCAGAATGCCCCTCTAGTGCAACGTTGTTGACGCACTGGTGCTTAG
TCGACTGATCACGCTCCGGCGCTAAACGCCTTTGATGCTAGAGTTGAGCAGCCAAAACCA
CATGACAGTGACACCACACCAATGGTGGCTTGGGATCTTTGCAAAGGTAGGCTGATTTGT
CTGCTGCAAGTTTAGGGTAAAGAGCATGTAGTCAGATGTATATGCACACGTATTAAAGGA
AGTTTGCTATTTGAGAATGTCATGCTGGACATGCAGTAAGACGGCAACTGGCAATCAACT
TTAAGATTCCGAGGCACGGCAAGTAGGCTCTGCTGTGCCGTACACCACGTACTATAAACA
ACTTCGGAGTATCTATAAATTGCTAGCATGTTGACTCCCTGGAATCCTACGAGAGGCGAC
TATGTAAAAAGTACCTAGGTTAGATAGCAGCTGTACGGTCTCCTTCAGGATCCCGAGGCA
CGACAAGTTTGTGCCCCACACCACATACTATGAACAAACCTCGGAGTACATATCTGCAAA
TTGCTAGCGTGTTGGCGTCTCAAAATCCAGCGGATGACGGTGCTCACAATTAGTAAGGTA
GCGCTTATCGTATTGCGTATAGACCTCGAGACGTTGTGCAACCAAGTTGTCTACACATCA
ATACGGCGGCTTGTTAAAATCACATCACACAAAAACACACAATCTCGTCGAGAACAAGGT
GTGAAAGCCTTCATTGATAGCTCCCACATTGTATTCATTAGCGCAACAAGAACACAATTC
AACGACAAGCTATGTAAAAGATGGGGTGGGGAGTTTGGGTATCAGATCGAAAGTCCCTCG
GTCGGCACAGGGGAAGAAGATGAAGAGAATAGAAAACAAGAAGAAAAAAGTAGTAGTGTT
ACAAAATCCCCTTCCACCAGGAGGGCTCGCCATATCGCAAATGTGAATTAAACAAGCAGC
AGCAGTAGCAGCAGCCAGAAAGCCGCCCCCCTTGGATATAACCCATGTGCGTAACATAAA
AATCCCATGTACGGCTATTTGCGCCGAATTTTCCTACCAGTCCATGTGCCTGGTGGCTCA
AATCATTACTCCGTTTCCCCGATTAAACGCCTGTCGCTAATGTCTTGTCCCTTTATGAAT
GAACATGTTGTTTGCTGGATGGGATTGGGAAAAGTGCAAGTACGATGCCACACCCGCGCG
CCGCTCGTTGCTGACGTTCTCGCCTCATCCTCATTACTGTACTTCGTTTCATATCCGGTT
GAACTGGTTCGTTTGTTCGTGTAAGCAAGAATTCGTACCTGACTCTCACCATCTTATGCG
TTGGGTAAGATCATGGTCCTTCGGTGACTGGTCTGAGACTGCTTCGCCTGGCAGTCTTTT
CAACGCGACCAGTAATCATCTCGTCTAGCATACGCGTCATCTCCTCGATATTCTTGGTAG
AGCCGTTGGTAACTGGAGGGGGTAGGAAGGGCGTCTTTACACTGAGTGTAGGCGACGTTG
GACCTTTCGGTAAACTAATCCCGCTACCATCACTGCCGCTGCGCTGATAACCCGAGGTGC
GCCGGCTGCCTGGTGACTCGCTGCCCATCTCATGTGCAATGTCGTTCTTCTTGCGAGCTG
ATGTGAGGGCGCCGATCATACGCTCCTTATCCTCAAGCTGTGCGCGCAGGTTGACTATCT
CGTTGTCTCTCTCGGCAAGAGCTGCGATCATACCACCCTCCTCACTATTTGTGAGCTTGT
GTGACAATGACATGGAGACACGAGAATGGCTCGATCGCCGAGCGTGCAACAGGCGCTTTT
CAAGGGTAGCGATGTAACGGTTCTTATCCGCAAGATCAGCCTGTAGTGCTTGGATCTGCA
CCGTCTGACTTGCACTACCATCTCCATTCTCCCCAACCGAGTCGTCTTCCTCAGAGCCGT
CCATGTGGAGGTGTGGTGTGCTTTGTCTTTTACCGGGAACCTCGAGGGTCGCATGGCTAG
CAGAAGAGCGAATAGAGCTTGGGCGCATGTCGTGGTGGTTGGTGCTCATGATGGAGCCGC
GCTGGAAGCTCATTGAAGAGAATGATCGGCCATTGTTGACACCGATAGACTTGGAGCTCA
AAATCAGCCTGTTAAGATGCTCGATCCGCTCCTTTAGGGCTGTTCGGGCTAGTTGCATCT
CAAGCATCTGCTCTTCATGCCGCTGCTTGTCTTCCAGTTCGCGCGCCTTTTCTTCCTCCT
TGTCTCTTTTCAGCTCGTCATCTTCTTCTTCCTTGGGTTCTTTGTTTTTGCCTTCAGCGA
GCTGCTTCTTGAGCTCTTCAATTTCCAGGCGGTAGCGATCTAGAAGCGCTCGACTTCCTG
CGTCCCCACCAGCACCCATAGATTCGTCGGCCTTCTTGGCGTGGCTGACAATATTGTTTT
TGGCTCTGGAGGCGAATTTGAGAGTATTCAGCGTCTCACCTGTATGACTATTGACAGCAG
CAGGACTCCCACTGGCTCCGATCTGGATTGTACAGAGAATGCTGACCAGCGAGTTACCGG

AGAGGGCAGGTTGAAGAAGTCGGGTCAGTTTGCTGTCTCGGTATGGCAAATGTTTGTCGC
TCTTGCCCTTGTCCTTCTCAGACTTGTCTTTATCGGAAGCCAATCGGCCAATGACTGTAC
CCAAAGTAAGCAAACTCTTGTTGATATGGGAACCCTCAGTCCGCCTTTCTTTGTTATCAG
CCGCCTTTTCAGAACCAGCCAAATCGATTAAACTGAGCGTCGAGACACGCACACCACCAG
GGACAATGGCTGACCGTTTGTCGCCATTTATTGCTGGGCCGGGAGCGCGCTCTCTACTCT
CAACGACAATCTGGACCACGGCGTGACTTCGGGAACTACGCGCGTTGAACTGGGTACCCG
CCACCTTTCTTGAGTTGTCACCTCGTGCAATAACCCTCAGGAGTTGCGTCGGACTCTGCA
CGATTTCCTCCTTTAGTGGCGACGCATAGACACCACGTTTGCTGTCCTCGCGTAGCTTGA
TCTCTTCAACGGGCCCGGTCTGGCCGTTCATGCCTACAATGGGTCCCGCTAGCAGATCGA
TAATCTTCTCATTGTAGATTTCAATGTAACTGACTCTCAGAAGAAACTCTCGCTGAGGCG
TCTCACGAATGTAAGAGAAGATATCGGTGATGGCAAGTGGTATGACACCAGGATTTGTTG
CAGTTCCTTGCATAGAAAACGTCTTGCCGGTTCCAGTCATTCCGTAGGCGAAGACGGTGC
CGTGGTAGCCCTCCATGACCCTCCGGACAAGTCGCTTGGCTGCAGCATCGTATACGCGGG
CGTTGTTGTCTTGGGTATCGAATACGTTGTCTATGTCAGACCAAATTAGCTCCAGCTCAG
TCACCCTCCACCTCGTTATGCAACCATACCATATATGTAGTCTCCGCCCTCTTTGCCTTT
GTAGGCTATCAGTGCGCGCTTGTTGTTAACCTCCCACTCCAAGTCGTGTTTGTTGTCTTT
GGCCCCAGCATCAGGCCGTACCCGAACGCTGACAATGACATTGCCTTTGCCGTCCTTGTG
TACCTTGCCATCTGCGCGTCCATCTTCCCCTTCCTCGAATGTGGTTGCGCTGGTTGCGTA
CGATCCCTGGGGTGAAGAGTTGCGACTCTGCGGTGGTGAGGGGAGACTGAGGTGGGCTGT
CTCTACTGTGACGGAATCTGCGCTTCCATTGAGTAGACTGGGGGGTGATAGAGGCGATTT
CGGTAGTAAACCTCGCGCTCCTCCAATATTAGAGCTTCGCGGCTTTTTAAGGCTGTTATT
TCTGGAAGGCGTTTGACCCTTGGATATTGACGACACTCTCCGATCGACCATGTCTCCTCC
AGGCGTCGAACTCGTCGACAGCGGACTGGTTGGATTCGATCGCCCACCATGTCTGGGTGG
TTGTGGAAAGGAACCGATGCTGACTGTCTTGCGCAGCGATTTTCCAACGGGCAGCGATCC
GGCGGCACCGGCCTCGGGTGGGAATGACGGCACGGACGGCGATGTGAGGTGCTTGGAAGT
TGGCCTGTAGGGTAGCGACGACGAAGACACAGCGCGTGTATTGGCGGCGCCTGGGAGCAA
CGAGGCTCGCGTCGTCGGACCGACATTGGAGCTTCTTTGCTTGGGGACGGGCAGCGAGGG
CAAGGGACCGGTGGGAGGAGCAATCGACGGCCGCGAGGGGCGAGGCAGCGAGTTGGCCGA
CATGGTGATGGGGGTGGCGCGTATGTTCGAGTGCTACTGCAGGCTGGAAGGGTGCTGGCG
CTGCAGTGTTTGGCCCGATTGCCTTTGTTTTTCCAGGTGGCCTATGCCACAGTGCACATG
TCCGGCGTCGCCCTCCAGTAGTCGTGACCGGAATTCGAACAGGCCGGGGAAGCAGTCTGA
GCTGGCTGTGTATTGCGGGGAGGGGAGAGAGGCAGGCTTGGTTGGGTGTGCGTCAGTCTC
AGACAGACAGGCAGGGACCTGGATGCGGGAAGCAAGCGCGAATGTAATGCAGCGGAGACG
GGTAGGTGCAGTGGATACTGCCGTTTGACGCAAGAGGCTGGAGCGCGCTCTGGCAAACGT
CGAGGGCGTCGAGGGCGGAAGCGAGGGTGAAGATGCGATACAACAGCACTCGGCGTGTCT
GAGTAAGAGGTCGGCAGCAGTGTGCTGGCGTGGTGGGGAAAAAGGAGCGGTGATGGGATG
GATGGCAGGATGGTGGCCGCCGAAAAGCCCAAGCGTGGATATCCCCTGGGACTCGATGCA
TGTGCAGGGGCCCGACAAAGGAACGACCGACGAAAACTCCGTGCAAAGCAAAGAACGAGT
GGGAGGCGGCAAATCGCTCTCGACGGCTGCGCTGTGGGGACGGCTGAAGAAATCAGACAC
AAGACCCTCTCCCGACCCTGGGAAAGGGTGGAAAAGGGGTTCAGTCGTCAACTCTTGGTG
GGTTCAACTTGTTCCCCCCATGTTGCCTCTACGCACCAAAGACGTTAGCCCTCCGCCAGC
CTCAGTCCAAGCGTACATATCCGCACCCACAGCTGCTATCTGCAGACCCTTGCCCGGCTC
TGTTCGCGTAGCATTCCGGCTATATACCATTGTCCTATGGCACCAGTCCTCCGACCACCT
TTGCCTAACCCTCTGCGCGCTATCTGGCCTTGCACCGCGCGCCGTGCACACTGCTGCTCT
ATCTGAATCTCACGGTTTTTCTGGTAGCGACGTTTCTGTAGTGACGACTTGCGTCAACGG
TATTTGTAAAGCCCCAGAGGCGATCCCTGCTGATCCGCCCCTGCACAGGCAATCATGCCG
ACCATCCTTCGCTTCTCTGCCCCTGCGACATGCCATTGCTCTACTACAGAACCATTCGCA
ATCTCCGTGTCACAAAGCCTTTGTTGACCAAACCTCGACGTCGCATCTCGCTCCCCCAAT
CAGTTGTGCTAGTTGCGTTGCATAGCGCCAGCCTCGTGAGACGAACGCGTTGGCGCTGGC
GGGAGGAGCGCCACATTGCACGTGCTGCCGCGTTTGCCTTCCGAGTCACCATCATGTCTT
GCAAACGTCTGCCGGCAATCTTCCTCTGTGCGCATGCCCCAACAAACATGATCGATCCGC
TCAAACGTCTATCCACTTGACTCGAGACCAAGTATGCCCCATGGCGGCGGTGACCAATAA
AAAGCCAACCCGTTGGAATCGTGGGGACGCTGCTGTGCACTGCTTACTGCTTCTTCTTCT
TCGGAGCATTCTCCATGCCGGCAGTCGAGTCTAGTTGCTCGTGAAACGCACAAAGGTGCC
ACCCTACGGCCATTGCATCGGGTGTTACCGCACATGCAGACTTCAGGAACGTCCCGCCTG
AGTGGTAAGTCCAAGTGCAATGCAAGAGCATGTCACTGGTGCTGACGCTGTATACGAAGC
GAGCGACTCGCCTATAGCGTACCCCATCCGAAGACACTCTGTCCAAACTTTGTAATGGCC
TGATATTGCATTCCCCACAAACTGAGATCGATAGCCAACTCCAGTGCCCCGCAGAGCGCT
ACGCGTGAGAGCTGGGTGCCAATGTTCCGCCAGCTCATATCGCCATGGAGCTCTAGTGGA
TTCACAATGCGATGCGACCCCGCGTATTCGCCTTGGCTGACTAGATGGTGTGAAGCAACC
ATTCGCAAAGTAACCATCCTAAACGGAAGCATGGCAAGACCGACAAGCTGAGCTCTCACC
ATTGCACTGATCATCTGCGCAGGCTCACACGAGAGTTGGGATACGCGGTGGTATACATGG
CCGTCTATTGAGCGTGCTCGGTCCCGCGGCTCCACAGCTGCATCATCTCGCGAGGAACCC
GAGGCTTCTGCAACACGAGTATGAGTGGAAAGTATCCTAGGTGGTAGGCGGACTTCCATC
TCTACGATACCTTCCCTTGAAGTAATGCGTATTCGAGGATCGTTCTCGTTTTGCTCGGAT
TCTGTTGGTGATCCCGGTGGAGTTGTGGATCGTATCAAATCTTGGAACGCATCTATTGGA
ATTGTGATTACATCTGCGTCGAGCGGCTCTGTGGCAGGCTGATCTTGGGACTGGAGCACG
GGAAGATGCAGCGGGGTAGCGTTGATCACTTGAGTACCACCGACTTCTATTGTCTGGCCA

TTGTTTGAAGCAGCCGTGGTTGCAAGCTCGATGGTCCGCTTCTGTTGTGTGTTTGGAGAG
GAACTTGGAAGAGCCCAGCCGAGCATTGCAAGTAGCCTGTGAATGGCATTGCGAATAAGG
GTTGGTGACTCCCGCCGCAACCCGAGCACAGTCAAAGCACGGTCTTTTCCGTTGGCGTCT
CGGCTGGGTATGTCGGGCTTTTCAGGGCGGACGACGGCTGTCTCGACTGCTTCGTAGACA
CAGGCATAAATCCAGCGTTCAATGGCATGTTCAGCACATAAAAGGACAAGGGGTGAAGTC
AGCACTGCTCCAATACAGTCCGTGATGGAACTTGACGCATTGTATCGCACAGAAAATGGT
AGCAGAGGCGATGAGCTTGAAAAGGGAATGAGACATGTCCAGTTTGGCAATAGTGGGCGA
GCGGGCACCAGGCCAAGGCGCTGCAAAGCCGCGTGGTAAAAGAAGGGGTAGCACAGAACC
TCGAGGCCCAGACGAAGACTAACGGGGTTAACGAGAAGTAGAAAGGCGAACGTGGGACCT
ACCTAGACTTGATGGCTTTCTTGGCTCGTCGGAAGAAGTGGCGGGTCTTTGGGCTGGCAC
GTGTCGCATACAGCACACGTTCGACGGGCTGATAGACAAAAGTGCTGTACACGATGGCTT
GGATGTTCATGGTCGCAAAGACGCGAGAGAAGAAGCCAGCATAGACAATGGAGGTGCCAG
AGAGGGCACGCTCCGAGGCTGCGATGTGGCTGAAGGCAAGGGCATGGGGATAGCGAAATG
TCAGGATCCTCTCCCTGATTGAGCCTATCCACCATGTGCAAAGGTTCTCGGTAAGGGTAG
TCGCCAGCGCAATGGCGTTTCCAACCGTATCCTCGGCTTCGAGCAGCTCGAGACGCTCTG
CGCTGGACCCTGGAAAGGCGTCGGCGGGAGAGTGTCTGCGCTCGACGACGCCGACAGACG
CGAGCACATCGTTTTGGGCGCCTCTGAGTTTCTTGCCATACTGGTGGGAGCGGGGGTTGA
TGGGGTTGCCGCGCTCGTCGTAGAGCTGGACGTAGTTGTTGGCCGTGGCTTCGTGGTAAC
GCCGTGGAATCTCGGACTGCGACGATTCGAGCTGGACGTATTCGGTCGACTGCGAGGCGG
ATTGGGTGGGCTCAAAGGCAGACCGTCCCTAGCAAGCGTGTCAGACATGTCCTCGAGCAT
TGCGCTGGCTGGCGGCGTGTGTACGAAAGCGATCTTGTCCAGGTAGGCTTGCCGGCCCAT
GGTGGTGCTGACAAAATTCAACTTTGATCAGGTGCACGCAGTAGAACAAGGTGACTGCAT
CTTGAACAATGCAATATAGGCGCATGCTCCAGAAGCCGAGTTGGCGGCCGGGGGGAGACG
CGCCGGCGCCAAACGTCAGCGCGCGTGGCTTGCGACTGCCGTTATCGATAAACTTTTTTC
CTCGAGCACTTTGCGACACTTCCCTCACCTCTCTCGGCAGAGACGCGACGCTACCAAGTC
CCCAATCCACCATGTCGGCCCAAAGAGCTGCCGTCAAGACGACGTACGAGATCGCTCGCA
CCCTGCAGCCAATCTACTCGGGAGGCAGCTTGGCCCTCAGCGAAGACGGGCGCATTCTGG
CCGCGAGCTTGGGCGAGGATGTCCTTCTTTCCGACCTCACCAACGGCCAGGAGCTGGCCA
GGGTCGAGGGAGACGGCGAGGCAATCACGGCTCTGGCCCTGACCCCGTCCGCATCTCATC
TCGTAGTGTGCTCGCGCTCCCTCTCCATGCGCCTCTTCGCCCTCAGGCCCTCTGACACCG
ACGACCAAGTCATCGAGCTCGACCTTCTCCGAACACTACGCCCGCACACGTCTCCTGTCG
TCACGCTAGCCACAGACCGCACGGGCACACTGATAGCCACCGGCGGCGCCGACGGCGTGG
TCAAGATCTGGGACATTGTCGGTGGCTACACGACACACACTTTCCACGGCCATGGCGGAG
TCGTCTCGGCCCTGCACTTCTTCGAGGTAGAGGTAGCCGAGCGTGACGACGCCTCGGAAA
ACAACAAAAAGAGAAAGAGGAAGTCGCGGCAGGAAGGCGTTGAGTCGGATCAAGCTCAGG
GCGAGAGTCAGATACAGTTTCGGTTGGCCTCTGGTGCCGAAGACGGCAAAATACGGATAT
GGGATCTTCACAAGAGAAAGAGCACTGCTGTCCTCGACTCGCACGTCTCCGTCGTTCGCT
CGTTACAGTACTCGCCGCAAGAGAAGGTCCTTCTGTCTGGCAGCAGAGACAAGACGTTGA
TTGTCTGGGACTCACACAAGTGGAAGGCGCAACGCACCATTGCTGCTCTAGAGGGCATCG
AGAGCGCAGGCTTCATCGCAGACGGCAAGATCCTGTACTCTGGTGGAGAGAACGGCCGAC
TACGACTCTGGTCAGCCTCCAGTGGAAGAGAGCTCACCCGAGAGCAAGAGCCTGGATCCG
AGACGGATGAGATTGTCAACATCCTCTACTATCCTTCATTGCCCTACTTGATCTCGGTGC
ACGCTGACCAAGTGCTCAACTTCTACTCCCTCAAAACAGCAGAGTCACTCGTCGTAGAAG
AGACCATCGACCCGCTGCCCATCTTCCGCCGCGTTTCCGGAACCCACGACGAGGTCATTG
ACATCGCCTACGTTGGCCGAGACAAGTCCCTGTTGGCACTCAACACCAATTCAGAGGATA
TTCGGATAATCACACTCAACGAATCCGACGCAGAAGACGCGACCCAAGGCAAATACTTTG
GTGCCGATGTCGGATTGCTAAAGGGACACGAAGACATTGTCATCTGCCTAGATGTAGATT
GGTCAGGCCACTGGCTTGTCACAGGTGCCAAAGACAACACAGCACGGTTATGGCGTCTCG
ACCCCGCTAACGAATCGTATACCTGTGCTGCAGTCCTCACAGGTCATGCCGAGTCGCTTG
GAGCGATTGCACTGCCGCACACCATACCCCAGGAATCTTCAGCCGCTTTCACAGACCCCT
TGTCACACCCACCTGCGTATATTGTGACGGGCTCTCAAGATAGGACAGTTAAGCGTTGGG
ATACCACCAAAGAGATGAAGGGTAAACTGCGAGCCAAGTACACCCGCAAAGCACACGACA
AAGATATCAATGCCATCGACATCGACCCCTCTGGAAGTCTTTTTGCGTCCGCATCGCAGG
ATCGTACCGTCAAGATCTACTCCGCAGCAGAAGGAGAGGCTATTGGTGTCCTCCGAGGTC
ACAAACGTGGTGTGTGGTCAGTCAAATTCGCACCCAAAGACTCGCAAGCGCCAAACTCAG
GAAACAAGGGCTTGATCGCAACAGGCAGCGGAGATAAGACGGTCAAGATCTGGAGTCTGG
CAGACTACAGCTGTTTACTCACTTTAGAAGGCCACTCAAACAGTGTACTGAAGCTGTCGT
GGCTGCCCTATCGACCCGTCGACGCACGAGACAAGCGTGGTCCACAAATAGCTTCTGCAG
CTGGTGACGGACTGGTCAAGATCTGGGATACAGTGTCCGGTGAGGCCATGTCCACACTTG
ACAACCACACTGATCGTGTCTGGGCACTTGTCGCACACCCCACAACGGGCGCCTTGGTGT
CTGGTGGTGGAGATAGTGTCATCACGTTTTGGGAAGATACGACGAGCACCACGCTGGAAG
CTGCCACAACAGCGGAAACAGAACGCGTCGAACTTGACCAAAAACTACAAAACTACACCT
ACGCCGGCAACTATCGCGAAGCTATCGTCCTTGCACTCCAGATGGACCAGCCCGCCCGTC
TCTTCTCCCTCTTTAAATCTGTGGTGGAAATCGAGAACCCAGATACAGACAGTCTCTCAG
GTCTCATCACCGTAGACGAAGTCCTCGGTTCCTTAGCAGACGAACAGCTGTACAAACTGC
TCATCCGCCTCCGCGACTGGAATACCAACGTGCGTACTGCACCCATTGCTCAGAAGATTC
TGTGGACTATTGTTAAGTCATATCCCGCTTCTCGACTAGCTAGTCTGAGGCCGCAGGGCA
AGGTTGGCGCAAAGGGCAGTCTGAAAGATGTAATGGATGCCATCAAGGTGTACTCTGAGA

GGCACTACAAGCGAGTAGAGGAATTGGTTGATGAGAGTTACTTATTGGACTTTACTCTCA
AGGAAATGGACGAGGTTGCGGGTGAAGTCAAGGCTATTACGAACGGCACTTCGCAGCTGG
GTCTTCAAAGAGATATCGTCATGGTAGATTAGGAGTAATATGTTCAAGGCAGCTAGCCTG
GCACCAAGATTCCGGCGAGTAGCTGGGTTATTGTAGGCTCGATATGAATACCATATTTGA
CCATTTCAGGATTTTCCTTCTCCAATGTGGTACTTGTCTGCGTCAAGGATAGACGCCAGC
CGATTGTGCCTCGGTTAATCCGATCGGCTATGAGATCACCAGCCTCGTCTCCTCACCAAC
CACCTACATAGAGCAAGGTGCCAGGAACAAAGGCACCCCCGGTCTCATCTCCACTCCAGA
TCAGTAATCCCCTTTTGACTTCTGCAATAATCCAACCAGCCATGGCTCAGCCGAAGATTA
CCCTTTACGTTGACATTGTCAGCCCGTTTGCTTATATTGCTTTCTACATCTTGAAAGTAA
GTTGCTTTACCATGTGTCCTACGTAAATCCGGATTTTTGTGCTAGAATCATGCACTACAG
TACTAACAAGAGTATTCCGAGTAGAACTCAAAGGTTTTTAAGCAGGTTGAGGTGACGTAT
GTGCCTATTCTGCTTGGGGGGTTGATGAAGGTCTGCGAGAATACACCACCATTGAGGATA
AAAAGTATGTCGGATCTTCCCTTCTCTTGAAAGAGCAGCTTAGCTTGGCCACAGTAAGGG
GGAAGCGCAACACGAAAGAAAAAGATACAACAAACGGCTCACCTGGTGGACCATCATCGG
AGTCACCGTCATTGCAACTGCTTATCTTACCATCTAACACACCCAATCAGATAAGGACAA
ATGGATAAACACAGAGCGTCAGCGCCTATCCACTCACTTTAACGTCCCCATCTCGCAAGA
TACTCCACCTGGCTTCCCCATCAACACACTACCTATCCAACGCGCCCTAGTTTCCCTCTC
TCTGTCGTATCCCCAAGCCCTTGAACAAGCCATCGCCCTGTTTTACGAAAACTTCTGGGC
AAAATGGAATGATCCAATCAAGCCGGAGAACCTGCTTGCTATTCTCGCAGTCGCCTTGGG
TAGTGAGGAGGAGGCAAGCAAGGTGCTAGAGAGGATCAAGACGGAGGAGGTGAAGAAGGT
GCTAGGTGAGAATACGACCAAGGCGTTTGAGGATGGGGCTTTTGGCCTGCCTTGGTTTGT
TGCTACGAATGAAAGGGGGGAGACTGAGGGATTTTGGGGCGTTGATCATATGGGGCTGAT
GTGTGATCATTTGGGAATCAAGAGGCCGGAAAGTAGGGAATGGCGCTCGTTGTTGTAGAG
TGAGACGTTTTCTGGGCGGACATGTGAATGGATACTGTTCAATCCCGCGCCTTTTACGAC
GGCTTCTGATGGACCACAGCGGCCGACTCCTTTTTCTACTGCTAACGATGAAGCGATGCC
CTTAATGGCCACGACGCTAGCCTTGAAGGACATAAGAAGGATCTCGGTGTTTCTAGCGAC
GAGGCCTTTCCCTCCTTTCACTTTGTGTATCTGGGTTTGAGGCTTGCGAGCGTTAGCGCA
TAGCAAGGGTATGAACCACTGAGCTCGGAATCTCCAGACCACCACTCGGTTGCGTCAAGT
ATTATCACGCGACAGCAAGATCTAGACGGGTCTTGACTGCATTATCGCGAACGGAACTGT
CATCTTGCGCAATGCCTGACTGTAAGTTGGCGGCCCGTGAGCGCACTACCATTAACGTTT
TATTCTATAATCATTACTCATTCTTCCTGATATCAGAAAGCACAGATACTTTCTCGGGAG
CTTTTCTAGAGCACTCGCGAAGCTACTTCGCCAGCTAAATTCACTGCCTTCAACTCTTCT
CAATGGTCTTTACCACCCACATTCATTTTCTCAACCACCTCTCCAATTCTCTTTCAAGAT
GGATTACTATCGACGGAACGAACTTCCCGAGACAGTCAAGCGTTACAAAACGTATACCGA
ACAGTTTCAGGCATGGCTGCTCAAGACGGGAATTCAGCGCGGCGTGGAACTCGCAAATAT
AGTCGCAGACCAGGCTAAGAAGGAAAAGAGCAAAAAGGGCTACAGAATACCACTACAAGA
GCAAGAGCAACTCGTCAACGCCATCACTGCTACAAGCGTTCCACTTGCCGACACCTCCGG
TATCAACGACCTCGAAGATGCCATCCGCTCCAGGAGAGAGGTGACGCAATACCACAAACA
CAACAACACGGCGGATTTGGGTCACGAATACTTCAACGGGAGCCTAGAGACGCTCATGGC
GTCGTTGAAAGTTCTCGTTCCTGGAATGAACAAAGCTCGAAATCGCAAGAATGACACGCC
CACATTCGTGTTCATTCAGCTTCCCACTGGTCCCAAGACAAGCCAAGATGAACAAGACGA
CTTGCTCAAGAAAATGCGGGAACAGGACCAATGCGACATGGAGAGTGATGGTCAGCAGCA
ACAAACTCCGACATCCAGGACGAAGAAGAAGGCACCAATATCAGAGACAAATCCGCTGAC
TGCAGAGGAAGAGCAGCTGCGCCGCGAATTCCTCATACTCTGCTTTCTCTACACTTTCAA
CCGCATACGAGATGTCCTCTACGAGATTTGGGTGCTCTACCACAAGGGCCTTGTCAATAC
GATTACAGCAGCGTTGGTATCAGACCTGGCTCAGGACCAAATGAACCAAAACGTCAAGTC
ACTCGTGGAAGAGCTTGATCTTCTACCTGGAGAATTGGCCATACTCATACACCAACTTTT
CAACAAAACCAAAGCTGCTCTTGAGACTGGAGCGCAAAATTCTGCGACACTACCTGCTGA
AAAGGTATTGCGCCACCTGTTCGGTCTGGATGCTGCTGCTTTGATCAAAACCTACATTAC
GAAGACATACCCAACAGAGGACAGTGCTGACGAAGATATTCGAGAGTATCCTCTCATGCT
CTTCTTGAAGTTCTTCGACGTCATTCGCAAGGGCGATCTCAAACTTCCCAAGTGGGATCA
CTTTACTGAAGAGATGTTATTGCACCAGAGTACATCACAGGACTACCTGCCGTTCGGCTT
GGCCATTGTCCTTGACATCCAGGAAGCTGTACGTGAGGACTACCGTCGGATGTTACTCGA
CCTTACCGAGCACGGTTTGGATATCGCTAGATGTATCCGTTATCATGTCGATTACGAGGA
TCGCATGTGGGCCAAGGGCACAAAGCCAGATTACATGTGCAAAGAAGAGATTAAATTTAG
CACCATCCTTCTCAATCCTCTAGACAGGCTGTTGGAGTGGCTACAAGAGCTTTTGAACTC
TCGAGAAAAGCCAATGACTGCTAGCGTCTTCATCACTGTCCACTCGACGCTCGCAGGACT
CTCTATGTGGCACTTTAACTCTATCTATCATCATACTGCGATTGCTAAGATACAATGGTT
CATTCATGGTATGGCCCATCTATACAACGCCGCCTGCCAGATGGGTGGTCTGAAGATTCT
ATGGTCAGACCTGGACTACCTGATCATGATATATGGGGCCAAGGTTATGTTCCGGGGTGA
TCCACCTACTCACCCTAACGACTTCCTCAACCGCTATCTCCTCTCGGGCAACACTAGCAG
TCGCGTTATGGCTTCAGACTTTCGTCACACGTCCGAATTTCTACCTCAAATCTCGAGAGA
ACTTGGTGCCAAGCGTGGTTTGCAACCCGAATTGCCTTTGGAAGCCAAGATCTGCGACTA
CTACGATTCAGATGCGGACAACGATCGTTGGCTGGGGCGTCACGCAGTCTTTAACTACCT
CTATCGACAAAGCGAGGATACCGACAAGACACCAGATGATGACTGTCAGGAAGCTACTCA
AGATAGGAAGGGCCTACGAGATACATTCGCAAACCTAGCGGCCAATATCGCGCCTCCAAA
GCCAAGGCGAAAAGGAAAGAGCAAATCCAGGGTACACAGACCCGACTTCGACAAGCAAGA
TGAGACTCACGCCAAACTCTTCGGTACAATGAAATCAGAACTACGAGAGAACGAGGTGCA

CAGTAATTTTGACTTCCTTTCCTTTTACCGCCGCGCTTACGACCTCGTTCTGCGTATCCG
TAAGGAAGTGCTGATGAGTGATCAAGTCCAGCGCTTCCGCGCCGAAGACATGAATGCTGA
TCCAGATCCCCCTAACTTTCAACTGATAACTGATCTCTTCCGCGCGCTTCAAATCGATCC
AAAAACTAAGAAAGGAGAGGAAGCGGAAGCTGAGGAAGGTGCTGGGTATCAGCTGTCTAC
CAAGGTCGTGCCGTTGAAACAGATTCGACGTGTCGCGGAGATGATCCAGGATTTAACTCG
TAGTGAAGGTGATGTGGAGTTGAAGCGCGCGAAGTTGCGAGTCAAGGGAGATTGGGAGGG
TCTCAAGGCTTCGTATGCTGCTGAAGAGGCGGGCAGGGACACATCTACCGTCGACGACAC
CGTCGCTCAAGTTGAGAAGGTGGTGCTCAAAACTGCTGACGACAATGTCGATTCCAATAC
TACTCTGCGTAATGACGACGGCGATCATCGAGTCAAGCACAAGTTTGAGGCAGATGGAGA
CTCAGTAGATGATCCACAGTATACGCCTGGCAACCAGCTCACAGGAACATACCATTCAAA
TAACAATCTGAGAGGCATGTTAAACAAGCCGGCAACTACAGCAATTATAGATGTCATCGG
AACTCAGAACGGCAGGGTTTCATTACACAAGGAAAACGGAAAGAAAGGCGTCAAGCGCAA
GCGCAAGCACAAAGCAGATGAAGACACCGAGAACGGCCCAGCCTATACTCCTAGCCTATG
CGAGCAGATCAGCGATCCCGTATATGGCACCATCTCTCAATACGCCCTCGCCCTCTATGC
TGGCAAATTAAGGCAAGGCCAACCTTCAAACGACCCAACCCAACAGATCATCAGTACCAC
AGACTCAACTTCTCTCGCAATACCCTCACCTAACGACCAACGTAACAACCAACTCAACGC
CACAGAACCCACGGTTCGCTCACCACTTGCTATCAAGCGCAAAATCATGACAAGAAGAAC
ATACCATCACAAAACCTACTCTAGTACCACACCCCGGAAATCCCACACGACCGCATTCCA
TCCTTGCCGTACGTCCAAGAAGACCAAAATAGTAGCTCTATCCCAGCCGCGCAGAGGCTA
CTATCGTCGTCGCACCAGCACTACTAATAAACGCCATGTCGCTTTTCGCTGCTTCGCTCG
ATGCAGTATGGCTCGGGCGCTGTGTGGCCAACAGATTCGCGTGCAGAGGCAGATGGCGAT
TGCTATTACGGAACTGAAGAAGAGAGCTAGATGGGATTCGGCAGAGTTGAAGAAGGTGTG
GTTAAGCATTAGGGACGGGAAGTTGGGCAGGGTTTGGGATACTGATAGTAATGCCAGTTC
GGACTAAAGGTGGCGAGGGGTAGTAGATAGGCGATGATGAATTGAAGAGCCCAAGCTCAG
GCTGGTAAGGAGTGGCAGCGTTGAGGTAGCACGACATTACGATTAGGTCCAGTGACGACG
CCACGGTAATGATACAACACTTCATGAAAAATCATCTAGAACTATACATACTGACATGCA
TTGGACCGACTCCCGATCCCACCTCGCACCTTCCTAATCCTCCCGTCCAGCTCACATCCA
TCACCCCATACTCAACCCTCGAACATCTTTGTAGTACTGACATTAATCCGACTCCACGCC
TGCCCCCTTCTCAACGCCTCCAAGAACTTCGCCGGCCAATAAACATGATACAAGACGAAG
AAAGGTACTGGATCCTCAAACAAATACGTCCCATCCTTCCACCCCACAACATGACTCCAA
AATGTCGCTAGATCATTGAACGCACTCTGCAGCGTTGTCGCACCGAATAAGAGATCGAGA
AGTGGCAGGATGACAAAAGATACAAGGTCATGTCCGATCCAGTAATAACTGTACGTTGGG
GTGCGAGGAAAAACAGGGCCAGGCTTGTTTTTGGAGGTCAAGGGGTTAGGACTGTTGAAG
ATGGAAAGATATGCTTCCGCCATTTCAGGCGTCTGCTCAAAGAGCACGACAGCCGTATGA
GCACGGGGGTTAGATTCAATAGGGTAGAACTTCGCAGCCGCACCCTTGTCGTCGTTCTCG
ACTAGAAAGTCAAAACTCAGATGACCTGTAAAGGTTTCGCCACCGTCTTTGCACACACGC
TCGGTGAATTCGAGCATCTTTTTGCTGAGGGGGGAGGAGGCTGGTAGCGGTTCGTAGTGC
ATGAGGAGTTCTAGGCTGGGGCAGCTAGTGAAGGCCTTTACTTTGCCGCGGATGACGAGT
GCATGTGTGCAGTATTCGTTTCCCTTGATGAATTGTTGGAGTTGGAATGGGTTTTCCTTG
CTAATATTGAGAGAGTGAATGTATTGCGCTGTTGCATCCGGTGTCTTGAAGGGGAGGTGG
GTCATCATGTTGTTTCGCGCCTTGTCGTCCACTCCGATGGGTTTCATGATGAATTGTCGT
CTGGGTGCTGTTCTTCCAGATTTTGTCGGGGTTCTGTGAAGCTCTCCCATGAGCACATCG
AGAGCTTCCCCTGGGTGGGTGCAGCGGTGCGATTCCGGGATTGGCAGACCGAGCGATTCG
ATATAGTTGATGAATTTGTCCTTCTCGTGGAACTTTTCGACCACATCTTCCCGGAACTGG
ACGGCTTCAAACTTGCGGCCTTGTTCTTTCGCCTGCTTTTCTGCTAAGCGGACGACTTGA
CCGTCTTCTACGGCTGCGACGACGCTGGAGCAGCTGATCCATAAGTCGACCTTCTCGCGC
TGGATGATGGAGAGGATGGAATCAATATATGGCTCCGCATCGTCGCCACTTGGTGTGTCC
AGACGGTAGTATTTTGCAATAGCGTTAGAGAAGCGACCTGGTGATAAAGCAGAGATGTCG
GCGCCGATGATGCGATGTGGTGTATGCTGAGACAAATTGCGCGCAATAGTAAGGCCCTTG
GTCATCGACACTCCTGTGACAAGAACAGTTTTCCGTCTCCGTGCCGCTGCAACATGCTGC
TTATCCTCCTTGGAAAACGTTGCATTGCGTTGTCCATGGAGTTTCGACACTGCAAGACCG
ACCAACACCAGCGCTGCCGAGAGAGGCGCGCAGACAGCGCTCAGAGCCAGTAGAAGCACA
TTCTTCCACACATGGCTATAGTAAAATGGCAACACCACCGAATCCTTCTTTCCTTCCGCC
ATTGCCATTGTCTTTTCCTTGTTGCTGCTTGATGAAAATGAGCAGCTCGTGACCTCGGCA
CTTGTTCTCGCGCAGTCTTCACCGTTTAGAAGTTTCCCAACACACCACCAACGGCGCTAC
CTTATCAAAAGTAAGACCGAGGAACGACTTAATTGCCCCTGCAAAAAAGGTGCAGGCTGC
ACTGCAATGCAAACTGCAAGTAAGTAGAATTTAGTGGGCAGTAAACAGACGGCTCGTAGT
CACGCAACCCGTTCTTGCATAGGCGAGGTGATTGATGTGCGTGCGGCTGCGTTCGCCCAG
ACAAAGTTGTTGGCCTTGGAGTGCTGGCTCTGCACGACTAGTCTCGACGTCATCGTTACT
TCACTCATGTACGACATTGCGGAACACTAGGAACTCCACGATCCTGTTTACGATCTGTAT
ATAGTAGATCCTGATTTTGGGACAATGATCTGGCCGCGATCGGCAGATGGATGTTGAGGG
GCTTGTACCACGGATGCAGGGTGCGTGGGGTTCATGTTTGTTTATTCGAATGCAACGTGT
CATGCTATTTTCTCGACATCCCGCACAATATGTGCAATACGGTTTCGCAAAGATGGATCG
ACAAATGCTTTCAAATGTAGATTCAATTGTTTATTGCATTGATTTGTGCTGTCATTGAAG
CCTTGACGGTAGCTATCCTGCTGGTCTGTGGTCGGGTACCATGCCCATGTCTGAGTTGTT
CAGGACCCACCAGCGCTGAAACTTGCGATTCATAGAGATTATTACGCGTATCCGACTATT
GATGATGCTTCCATCTAACCAACGCATCGTGTAATCTCGATACCATCCTGTGCTAGTCAG
TAAATGCTTGCAAAGCGTCGTCTGTGTTTGAACTCACAGGTACACCAGTCGGCTCAAAGC

TGTTTACCAGCTTGCTCTCATACTTGAGATTTGGGTTGCCCTTGCTCTCGCTGAACTTGG
CCTTGCCATATCGCTTCTCGTACATCTTGACATTCGTCTCGGCAATGCCGCTGAGGTTTG
TCTGCCCACCCTCTCCTGCTTCCTTGACCTTCTCCTCAACGCTCGACCTGACATACTTCA
AGTATGGCGGGTTTCCGGGCTTGATGACATTGTCCGCTGCCAGCACAGAGCCCTTGGTGA
TCAGGCCAAGTTCCTCGCAAAGCTTCAGATCTGTGGTGTAGGCTGGCTTGTAGTGGTCCA
GGAACATGAGATCGACGTGTTTGAGTTGGCCTGATGCGGCCAGTCGTGCGATACCCTCGT
CGCTTGAGCCTACAACTACTTTGACAAGGTCGGTGAGGCCTGCAAGATCGACCAAGGACA
TGATGACAGCCGCGAAAGCGGGGTCACGCTCAAAGCTGAAGTATCGCTCACCACCTGCTT
TGCGTACTGCATCTGCGAAGAGAATGCAGGAGTAGCCTACATAGCCGCCGAGTTCTACCT
GCGAGGTGTTAGAAACGTAGAATTGAGTTCGACAAGTCTCGTACCATGGTATTTGGCTTT
ACTTCCGCAATCAAATCTGTTACGATACGGCCCTTGTCCTCCCCGACGTTCATGAGATAC
TTCTTCGTGCGGCCATATTCGTCAATGGCAGCCAGAACGTTTTCTGGCGATCCTCGTATC
TTCTCGATGTTGGGGTGCGAGTAGACGAAGTGCAGGAGCTCAATTTCTCGCCCATCGTCA
AAGAAGGCACCCTCTTCCTCTTGCGCTGCATAGGCTTTGCTTTGATCGAAACTACCCATT
GTTGCTGTTGTTTAATGGCAGTATGAAATTGTGCGGGCAGCCGTGAGCTCGACGCGTCCA
AGCTGCTAGAGAGTGCCCCTCAACGCGTGCGGTTTAGTGCGGGGCTGTGGTCAGTAATGA
CGAAATACATGCAGGAACGTGTACGACGAGTGGCGCTTGGTTCGGTCGACCGTTTTAGCA
CGGATCCCGCTTCCGTGGAGTCGTTCTAGATGTCACTCCTTATGTTAGCACATTAGCAAT
TGACTTTCTGCAAGTTGCTTTTTCTAAAAAACCTCTTTACTGAGGGTGGGATGCCAATGT
GTGTCAGACGCCATATCCTGCCTGTTCGGTGCCACATCCCCGTGTACGCGTCAAGGCACC
CTTGGCACAGGTTGAGGCGAGTTCATACTATACCATGTGGATACGCGACGCTCATGTGGG
TCGAATCATTGGTGCATATACGGTTCTGTATAGTGTTGACGTTGAGTTGGATGTGGCTGT
CGTCAACGATCTAGAGCTTTCTGCATCCGCTAGCTGACTATGGAGCCACAAAGACCTGCC
ATGACAACGTACGCTTACCTCTACCAGGCAATATACCTCAACGATCCTGGCTCCGCCAAA
CTCTATCTATCCGAAGCGGGAACTAGGATCGAAAAGATCCCCTCGAACGTCACATTTTTT
TCCAGCTTGTCCCTGAACTGAGGGGTAAGAAAAGTGCCGTTGTATGGCTACCGGTACTGC
ACTATCAGCCCTGCGCGCATCGCAGCACATCTTTCGACTAGCTGGCAAATGAAAACTCTC
CAACATATGCCACAGAACGTCAGCAATCGAATGATGGGAATCCTGAAGTGGAGATGAGGT
GATTTCGATGATTGCCCCGCAGTTTTATGTAGTGTATCTCATCCTCTCCACAACGGGAGA
GACTCCGTTGTTGGCACTAAATGGATTCGCGGCTTGTACTACGCCGATTGCGTCCTTGGC
CGAAGGAAAAATAGGATAGTTCTGCTTTGTCCAAGCCCGCAAAAACCCATGTTGCATGAG
TAAAGTGCATATCCCATGTGCCGGAACCGGGTTTTACCGCTGGGAGGGCGCTGTTGTTGA
AGTCATTTCATCATGGCTGGCTAGTAGGAGCCTAGTTTCGCTCGAAGTGAAGTGGTACCA
AGTCCAAACAACAAGGGATCCACGAGTGGCCGCATCATGAACGAGAATAATGCGTATGGT
TGACGTTTGTCTGGAGCGTTGCTGGCGTGCGAGAGCCAATGGAGGCGGAGCGTGTACCGC
GAGCTATATGAGTAGTCCCAAACGACATCGGTCTGTCGACATTTATATAGGACAGCCGTG
CCCGTACTTGACCCCGCAGAACTCAACGTATCTCATTTACACCTTTCAAACTCTTTTCAC
CATGTCAGACCTCAAAGCTTCCGTTGTCGAGACCAAGAACGGCTTCCATGTCGAGGGATA
CGAGAAGATCGAATATGACTTCACATTCCTTGACGGCGTCTTCAACCCTGCCAACAACAA
CCTAGCCAAGTGCTATGAGCGTTGGGGCCGTTGCTTGGCCGTCATGGACTTGAACATCTA
CAACGTCTACGGCGATGAGATGCAAAAGTATTTCGACCACTACAACCTACCCTTGACGAT
TCACAAGACCATGATCGGCGAGAAGGCCAAGTCCATGGAGACTCTTCTCAGCATCGTTGA
CTCGATGACCGACTTTGGTATCATCCGCAAGGAGCCTGTACTTGTTGTCGTATGTTATCC
AGTCTGATGATGGTGTTGAAGGATGCTAATATATCACAGGGCGGTGGTTTGGTGACTGAT
GTTGCTGGGTAAAAAATAGCTCTAAGGCACTCTGGCCTGACTGCGTTGTTAGAATGGAGT
TAACTCGTGACCTTAGATTTGCTTGCGCCGCCTACCGAAGGAATACCAACTTCATCCGTA
TTCCCACTACTGTCATTGGCCTGATTGATGCTAGTGTCAGCATCAAGGTCGCTGTCAACT
ACGGCAACTACAAGAACCGTCTCGGAGCGTACCACGCCCCAATGCACACATTCCTCGATT
TCTCGTTCTTGAAGACCCTACCGGAGGGTCAAGTACGAAACGGCTTTGCAGAGTTGATCA
AGATTTCAACTTGCGCCCACAAGCCCACATTCGACTTGCTGGACAAGTACTGTGAGAAGC
TAATCACTTCTCGATTCGGTCGTGAGGGTGATGACAAGGAGGTCCTCCAAGCAGCGGATG
AGATCAACCGTGCTGGTATCCACGAGATGTTGAAACTCGAGACACCTAACCTTCACGAGA
TCGGTCTCGACCGTGTCATTGCCTATGGCCACACCTGGAGCCCGCTCCATGAGGTAAGGT
TACCACACCTAGCGAATGTTGACTTTGCTAACTCATCCATAGCTGTCTCCCAAGGTCCCA
CTTCGCCACGGCCATGCCATCTCTATCGACATGGCATACTCGGCAACATTGGCGAACCAG
CGCGGTCTCCTCAGTGATGAGGAGCACAGGAGACTGTTGAACCTGTTCTCGAGGGCTGGT
TTGTCCATGGACCACGAGCTGTTCGACGAGGACATGCTTGACAAGGCCACCAAGGCTATC
CTGAAGACCCGTGATGGTCTGCTCCGTGCTGCCGTGCCTAACCCCATTGGTACCTGCGTA
TTCCTGAACGATGTCTCCGCCGAGGAGATGAACAAGGCTCTGCGACGACACAAGGAGCTG
ATGAAGGAGTACCCTCGCGAGGGTGCCGGTCTTGACGCGTTCGTCGATGCATCCGACACT
GGATACACCATGAACGACAAGCCTATTGAGGATTCCATGCACGAGTCAAAGAAGACCATG
AACGGTATGACCAACGGCGCCGTCAACGGTACCGCCAAGGGTCAGGCCAAGGGTCCTCCC
CAGGGCCTCCAGGAGGTCATGGCTAACGGGTATGAGAACGGATATAAGAACTAGAAAGTG
ACATAGCTGTGAATAAGTCCGACTAGGCAAGCACATGTCAGATGTTAGCGATGATTTGAA
CGTAAAAGTTCTTCTTTCAAGCGGCGATGCTGTCTCCCGTCATGGAGTGATAGATTGCGA
CATGCTTTATGCTCATCAGCTTCCCCGAAATGAAAAAAACATTTACTCAACACATTGTAC
TCTATAGCTCTCTGCATCGTGAATCATGTGATGATGGTTGGCTGCGTGTGGAAGTTTGCG
GTGAATGCGTCGGTACTGCATCGAGCAGAGAGGACAAGCCTGCCATGCAACTGCTCAGTG

TGCGTCCGCCGCTGCGCACTATCGCCGTCTGCAGTAACGTTGCTGCGTTATCAGAGTGCC
GGTGTCGTTCTTCCGTCCCCTCGCCATTGCCCTCAGTCCTACCGCTGCTTGAATGTGCCC
GTGCCCGCCACGCCAAAAACCCTTCTGCCCGTGCACTGGCTTGGCGGCCCCCACTCGTCG
GTATAAAAACTCTGCGTCCCTCGTCCTCCTTTCTGGCTCTTTGATCAAAAAATACAAACG
AACCCAGCCACGACTATCAGAACATCTTTGTCTTTTAGTTGCCAGTCACTACGGTGGCGT
GGGGTCGGAGAGCGATACTCCTGTAGGAAGCTGCTTTCTCGTTGGGTCGTCTTCAGTGAT
GGCGATGAGTCTGCGGTGTCGATTTATTGGGAGGACATACATATGTCTTGCGCACACTTT
GACTTGAGTGAGGGGCACGCAAGCCTGTCGCATAAGTGTGCTATGTTGCTTCGGGCTAGT
CCCTGTGCAAAGTGCTTGAGAGTATCTCACGGCAGTCTAGCTATCGGATGCATTCGGATC
TGAATAGGGCGGTGTTAGTTATAGGCCTCTATTCAGACCTTGACAATGCGAACTTGCGAA
GAGAATTGAGCCATGTTCAAAAGGAAGTACCAAGTATGTGCACGCCGGCCACTGTAGTTC
CACGAGAAACATGATCTAGTCATTAATGTCATTTGACTATTTGTTCTCGTTATCTATCAT
GCTCAAGTGTCATAATCGTAATGGCACCCATGTCTTTTGCATAAATCATCCGGCGGAATG
CTCTAGCTTTCGTCAATCCATAGCCTTCTATGGAATCGCAACCTTTACATCGTCCTCGTA
CTCCACATCTTTGATGCCATCCTTCGTTATGACCTTGACCAGCACGCCCTTGAAATCGAT
CGGAAGACGTCGCTTGAGCTCCTCGGTGCACATGCGCATGATCTTCATGCCTTGTTCGTA
GTCGATATCGGGATGGTGGTGCTTGTCGAGCAGGGAGAGACAGTAGTATCTGCAAGTGGT
GTTAGCACAAGATGCTTAGATTTGGGACCATGCAGAAGAGCAGGGAGTGCTTCAGCAAAG
ACAGCAAGAGAGAAAACATACTGTGCGTATCCGTGTGCAGCATATGGCAGCGGTGCTTGA
CTCGCCAAGTAGTCGATCCAGTACAGTGTCGGCTTGTCGGCAATGGTATCGTATCCGCCC
AACAGCAGGTTGACCGTGTAGGGTTTTCTTGACCGTAGCGCTGACGCCAGTTCTCCTCGG
ACGAAGTTGGCTGTTGCGGCAGGGGAAAGCTCCATGTTGTTGCGCATGGAGTATAATTGT
ACGTTTGCCTGGATGTACTCGGCGAATTGGACTGCATCGTTGTTAGTTACCGCCAAGTTC
TCGCAGCTTCTTCTTGCGTCATACCAGTGTCACCAGCCTCTCCAGAGAAAGCCATCAAGG
TATGTGTGTTGAGTACTCGCGTCTTGTCGTCGGATGCCTTGAGGATGGTGGCGCCACGCA
TGGCGGCTTTGGAGGCGGCGATGAGGGTGAAATCCTTGCCGGTGATTCCTAGTAGGACCT
CCCTGTACAGTGGTTAGTACTGGAGCAGGAGACGTCAAGGCGACTTACATTGTGATGAAC
TTGAAGTGGTGACGGTAAGTGTGTTGGAGGGCGACTTTCGTCGGGCTTGGAGAGTCTGGT
GGGAGGGCGTATGAGCAGGCAGGTGACACGAGTCTTGTCCTACGAGCGAGTTGACGTAGT
GGCGAGGACGGTATTGGTGTGGTTATACGGTGATGTTGAAGCCTCACGCGAAGGCAGCTC
CCAGCGTCGCGGCCGCCGTATACATGAAGCTTGGGCCAGCTCGGGCTTGGCAGAACTGGA
CTTGAATGTGAACAGACACGCCTGGAGTCGTGAACAAGAAGAGCTGTGTCCACTCAGACC
TGTGCAATACCTCACAGCTTTGGCTCCATTCGGTTCGTGAATCATGTTCAATTAACTATT
CGTCATTGACGACGATGTTTCATACCAGAACAGCCTGAGATGCGCGTCGCCTCTACTGCT
AGCCCGCACCAACATGTACAAAGTACTTCACAATGCTGCTATGCCCTCTATCGACCTGAA
CAGTCTTTTTCTTTTCTTTCTGTTGCGACGACCTGCCGTAATTCTTGGAAGCCCAAGGTA
GATGTGCAATCTTCGCATGATACAAGAGATGGATGAATAGCCGTGATGATGCTCACAGGA
TACTCACGGTACAGCTGCATGCAACAAACCAAACAGGTCAACGTTGTGTTGGGCTGGTTC
TGCATCTACTCGAATCCTTCACCGGTGCCCATGAGAGCTACTGTTTCGCCTGGCTTGGCT
GCGAAGACGTTGTATCGCACTTGTCTGACATTCCTTGGTATTTCCTCAAGGAGCGCTCTG
AAGTTTTGAATCCCGCAGGAGAAGCTACCTTGGACGACGATCTCCCGTTCACAACGGACA
GGGCCAAGGACTGCATGTATCACCGACATGTACCAATTGTATCCCACAGACCCCCAAACC
AGCTTGCGCGTCGTCCCACTCGATGCTTTTGCGATAATGTTAATGCACACTTTTACAAAG
AGGCCGTGGGTGGCTACCAATGAGGCGACGGCGTCATAGCGGGGCTGAATTCTGCTGAGC
AACCCCTCCAAAACCTTGCTGGACTCTTAAGCTCTGGAACACCCCACCCAAACAAAACAA
CACCGACACTTGATCTTACACATACAACTAGTAAGTCGAATTTTCTGCTCGGCATCCTAT
CCGCGGCCGGACATTGCTGCCCGCGCATCCGGTCGCCTTCTATATCTCCTGCCTTGCACT
TTGCGGCTCCCCAACTCTCCAATTGACTCTCTCAACAGCAATCCTTCACCATGACCATCA
CCAAGATCCACGCCCGCTCCGTCTACGACTCTCGGGTACGTTTACAGATATTTGTGCTTG
TCAAACTTCGTTGCTAACATCTCCAGGGTAACCCGACTGTCGAGGTTGACATTGTCACCG
AGACCGGCCTTCACCGCGCTATCGTCCCCTCCGGTGCCTCCACTGGCTCCCACGAGGCTT
GCGAACTCCGCGATGGAGACAAGTCCAAGTGGGGTGGTAAGGGTGTCACCAAGGCTGTCG
CCAACGTCAACGACACCATTGCCCCTGCTCTCATCAAGGAGAAGCTCGACGTCAAGGACC
AGTCCGCCGTAGACGCGTTCCTCAACAAGCTCGATGGCACCACAAACAAGACCAACCTGG
GCGCCAACGCCATCCTCGGTGTCTCAATGGCCATTGCAAAGGCTGCTGCCGCCGAGAAGG
GTGTACCTCTCTACGCACACATCTCCGACTTGGCTGGCACCAAGAAGCCCTACGTTCTCC
CTGTACCCTGTAGGTGAACTGAAGTTGACAAGTAGAATCATTTTACTGACTATGCAGTCC
AAAACGTCCTCAACGGTGGCTCGCACGCTGGTGGCCGTCTTGCTTTCCAAGAGTTCATGA
TCGTTCCTTGGTAGGTCATCTTTCCGCATACAGTTCTAGCCCATACTGACGACCTCCAGT
GAGGCCCCTACCTTCTCCGAGGCCATGCGCCAGGGAGCCGAAGTCTACCAGAAGCTCAAG
GCCCTTGCCAAGAAGACCTACGGACAGTCCGCTGGAAACGTCGGTGACGAGGGTGGTGTT
GCCCCTGACATCCAGACCGCCGAGGAGGCCCTTGACCTCATCACCAAGGCCATTGAGGAG
GCCGGCTACACTGGCAAGATCAAGATCGCCATGGATGTCGCATCAAGCGAATTCTACAAG
GCCGACGAGAAGAAGTACGATCTTGACTTCAAGAACCCCGACAGCGACAAGAGCAAGTGG
CTCACATACGAACAACTCGCCGAGATGTACAAGTCCCTGGCCGAGAAGTACCCCATTGTC
AGCATCGAGGACCCCTTCGCTGAGGATGACTGGGAGGCTTGGTCTTACTTCTTCAAGACC
TACGACGGCCAGATCGTTGGTGATGACTTGACCGTCACCAACCCCGAGTTCATCAAGAAG
GCCATTGAGCTCAAGTCTTGCAATGCTCTCCTCCTCAAGGTCAACCAGATCGGTACCATC

ACTGAGGCCATCCAGGCTGCCAAGGACGCTTTCGGCGCTGGCTGGGGTGTCATGGTTTCT
CACCGCTCTGGCGAGACTGAGGATGTCACCATCGCCGACATTGTCGTCGGACTGCGATCC
GGCCAGATCAAGACTGGTGCACCTGCCCGATCTGAGCGTCTCGCTAAGCTCAACCAGATC
CTCCGTATCGAGGAGGAGCTTGGTGACAACGCCGTCTACGCCGGTAACAACTTCAGGACC
GCCGTTAACTTGTAAGCGCTTCTTTTGCAGGGTCCGGTAGTGTTAGCGTTGTGAGGAAAT
GCGACGAATAATGAGTTAAGAGCAAAGGAAATATGTATACAACATGCAACGATATATCCT
ACACCATGATTTTTTTATTCCGCATCGAACACTGAAGCGACTATTGCTCTGCTTGCCATC
AAGTTTAACTTGAGCATAGCTTCAAGAAACACAATGCTGCAACAATTCCTGGAGCATTTT
CGCACGAGGTAACTGCGCTTCCAGAGTTGGACTGTCGAGAAACTCAGATGTCAGCAGATC
AGGTCAACTGCTATAGTCGTCGCAATTCTCCAACACAGTAGCCTCTTTGCTTCAAGCTGC
CAGAGCTGGTATAGACGCAGCCTCACATGTCGAACCAATTCAAGCTACTCTCAGCAAGCC
CGGCGGTATACAAATGCCAACTTCTGCACACTTCCAAAACATCAACACGAAAAAGCCCTT
TGGGGCAGTAAACATACATCTTCTGTGTCGGTCTGTAGTTCTGAACTCCTAGTAGTAGAT
TCCATAGCATATGAGGATATGTCGTGGCTTGCAGCATCGGTAGAGGTCTGGAGGCATATT
ACTACATGTGCATTTGACAACTTGGAGGATGAATGTGCTCATCTGGACGATCATCTCCAA
ATAGAATGGTATGGTAGAAACATGTCCTTGCATTACTGCTGCCTGGTCCATTCTTCGATG
ACAATCTAGATCAAGTTCACCACTCACAGAGCCATTGCAAAGAGTCTCAGACCTTACCCA
GTTTGTTCATGTTACTTCTATCACTCATGCCCTCAGCTACTCCCATCTTTCTAGCCCCAT
CATCCCCAGTCGCCTAACAACTTCACATTCCGCCCTGTCCTCACACATAGGCCCAATACC
GTTCCGGCTACTATACGCACAGCAGATCCAATCCCCACCACAGTAGTTTGGGACCCAGTG
ACCCGTTGCATTGCAGTATCGGAAGCGGTCGCCGAAATGGTGGCATTGGGCTACACCAGG
GAGGCACATGGGGTCAATTTGCCAGAGCGCTGTTGTGGTAGTAGCGGGGAAGGCGGCAAA
TGTGGTGCTGACTGTTCTAGGGGAGGGGAACGTAGCCCAAGAGGATGTTTCGATGGTGGT
GTTGGTGGCCATCGTCGTTGTTGCTGTTGTTGTTGATAGCGCTGAAATAGTACAAGCGGA
CTTTGCGATGGCAGAGGCGATGGCGGTGGAGGGTATTAGGAGTATGATGATGAAGGTGGT
GAAGGAGAATTGTGGGGCTGCGAGTGATGGATGCATAATATTTTTTTGGGGGGGAAGTAG
GAGAGCACGGAGAGTTTGAGTCGCGTATCAAGTAGGGCGATGGAAGCGTTGAATGTATTT
GAGATGTACTTACCTGTTCACTTGTTTGACTTGGTAGAATGTGATAGCTGTTGTGTTTGT
CATACGTACTCATACCGATGCTGATGTTGTGATCAAATGATATCACATCTTGAGCGAGGT
GTCGACGTATACGTACGCTGGAACGACTTACTTGTGTTACCTTGTTCCACGTATCAAAAG
GATACAGCCCTATCAAGCCTTGCAATGCTCATCCATTGGGTGATTAGAAGCTACCGTCAA
AGACATTTTGTAGCATTGCATTTCCAGTTTGTTGAGTGAGTGTAAAGACTTCGATATTGT
CACACAGGATCGTCTGTGCACCCTACGAATGATTTGATATGATCTGTCCTACAGACAATG
TGATTGAATGTGACTGTCTACTTCTTGATGAGACCGACCTTATCCCGACATCCACCGATT
CTGTACAATATGCTTTAGTATATACTTCGACACCCAGAGTAGGCAGGGGCAAGCTCGTCG
AGTCTATCGGTGTTTAACTTTGCGACACGCCGACTTTTCGATGCTCTGTGCATGGTGTAA
GGAACACTCTCACGAAGCAGCCGAACAGGTATTCGGTCAAATCTCGGTGCTTACAGTAGT
AGTGATTCGTGCCGCAAAAGACGTCGTGCTCTAACCTTGAGACGGTCCGGAACTCGGCAC
GTTCGCGGCCCGGACTGTGCAAGCCATCAATAGACCAAGTAGACACGATGGTATATAGTG
GGATAGAGATGTTCTGGACTCTCCGTGGCTTCACGACAGCCACATTCGAAGTTCATGACG
CGGTGCAACAGTGAGAGGCGCAAGGGGTGTGCAGGAGCTACCCAAAGTCTGTCAAAGTCT
AGGCGTGTCATCATTGCCGTCTAGCTTTGGTCGGCCGAACAAAGTGCACTGTCGCCCTGA
GCTTACCGTGCCTGCTTTGTGTCTTGGGCGGAGTGGCAGGGGACATCTTGCTCTGGAGCG
GACCGCAGCCGTTTAAGATGTTGCGGCTCATGCGGTGTCGTTGACTGCAAAAACGATTCA
TTATTTGTGGGCATGAAGATTGCAATACCGTCTGGACTGCGCGTTCTCAATTAACTAATG
TCAGCTGTCGATACAAGCGTATCATGTAGAGCACGGTCGTGAAGCCCTTGGTATCGACGA
GACAGACCAGGCGCCCGATATGGGTAGGTCCAGACCGTTGCCAAGAGTTTGGAGCAATGG
GCCTGATGAATTAACATCGAACATGGGTGTCCATGTCGTCATGATAGCAGAGCGGATCTC
CATTGTACTATGTATGTATTGTGAAGCCTCTTGCGTAGTTGCTCAACATGGAGAGCCTGG
TGGTGATACCAGGCTTGCAGTAAAGGCGTGTAGCGGAAAAGCCTTGGGGCGATGGTCTAG
ACATCTAGACGGCTCCGCGGGTAGAGCTTCTAGCGCGGCATGTCAGATGTGTACCATGGT
TCATGTGCTTTTGGACTCGCGAGATATGACAAACCAAGATATCATAGTGTCGCTCATTCG
GTGTCAACGCGCGTTGGCAGAGGCGTGATTGGCAAGCGCGTTGCTTTGACCCAATGAGTG
GGTCGTGGATGTATGCAAGATCTTGAGGAGTGACTGTAAAAATTCGACGATGTTCGCCTC
ACGATCTAGATGCTACGGCTGCCCGGCCGTGAGCTCGAAGAGTACCTCTCCACTCTCAAA
GCAGTTGCGGTGAGAACCAAGACTCCGACATGTGCTGGAAAGGTCCTAGCAACGTGATGG
AGCGGGTACTGGCAGCTTTCATGTTTTGTGGCTGCTCCTTCTGCAGTGGTCCGGTGCAGC
TAGCGCCGGAAAATTGGGCAGCCGCACGCCAGGCGTCGAACATGTCGACAGCTCTCCTCA
GATGTCAGCTTGGTAGCGGCAAGTATTCATAGGCACGCACAGGTGATGTCGGTCAAGACA
AAAGGGAAAACAAAAGGAAGAAGAGGTGCATCAAGCTGACATGGCCAGCGCCCCTGCAGC
GAGACATCTAAAGAGGTCGATCGGCACACGGTGCACATCATTACTCGCATGGGAGCACGC
CGTTCACGATGCCTTGTCGATCATGTTCTGATTAGTTGGCCAATGCTTGGTGCGACAGGT
TCCCAAACAGGAGCACACCCACGGGGCCGGAAAAGTCGACGACGTTGTTGCTGTAAGAAG
ACACCATGTAACGTTACTCTGGACTCAGGCCTCTTGAGGGCCTTTGGACGTTGGCGGAAG
TTAAGCCAGCAGACTACGCGTGTGAATTTGAATACGGGACAGCGGACGGACGGCGGGTGA
TTCGTCAGACCAGGCTGGATTATGGCTAGCGCGGGGAATAAGAGTAGCAAAAGACCGAGC
ATGCAGCCTGAGGCCTGGACTTGTAAAGATGACACGTTAATGTTTGCTCGAGGGCCGAAT
GCGCAGGTGGGCTGCAGAGGGACGGCGTCGCAGAGTGAAGCGGAAGCTGCGTCAACGGTG

TCCAAAAAGAGGGCACTCTCAGGATAGGCGACTGGTCGAGAGGGTGTCGAAGCTTGCAGC
GCGAGGGCAGCGATGGAAGACGGAAGCACGAGCAGACAGCAGAACAAAGAGCGCTAGGTT
CTGTTTCGGCCGATCGTCGATCTGGTGTCGTGTAAGACGAGGCGCTAAGCCCGGTGTATC
GTTGACCCTCTACCAGCACTGTGCGACGGCAGTGCGGCTTCATGGGGAAGCTACATGGAC
GCAGCAAACGGGCGCGGTAAGATGCGTGGGCGGAGCTGGAGCCGCTGACGTCAAGCAGGA
GGAAGGGCCGCGAGCTGCGAGTGCGGCTGTGTCGAGGCGCGGATGCTGTGTACATGTTAG
GAAGTTAGCAGTGGTTAGCATTGTTAGCAGTGGCTAGCATTGTTAGCAGTGGCTAGCAGT
TGTTGGGCAGTCGGCGGTAGCTTTTGGCCGCCACAATAAAGCATATGCTCTGGATGGGCA
AAAAAGCAAGACGAGGGCGAAAAGCGTAATTGGCATGTTCGCATTATCCGGATTGGAGCG
CTGGGCGGGCGGACAGTAATCGTCATGGCGTAGGGCCAGGCGTCAAGGTCGGCGGTGACT
GCAGACTGTGTGCGGGCGAGGTTTGCATAGGGGCCGAAGCGGAAGGGGCTACTGGGGTAG
CGCTGGAAATCGTGCAGGAGCGACCGGGAGCCGAGTGCGTCTAGACTGTTCCAGCAGGCG
CGACCCACTGTGTGTGCTGACCGAAGCCACCCAGGGTCCCTCGACGCTCAGCATCAATGT
GCCGCCATCCATCACGACGACCGTGGGAGGGGAGCGGCATGGCAGGCGGACGGGCAGCAC
GACGAGTCTCAACTCGAAACGTAGACACGAGTTGGGGCCCACGGTGGTTTTGACCGCGTG
CAAGCAAACAGCAGCGCAGCCGACTGTCACTACCACCCAACGGGGGCGGGCCTGGAGGGT
GCAAGGACGCGCAAAGCCATGGCTCCGGGTCAGGTTCTAGATCGTCCACCAGCCCTCTTA
TGTGCGACTCTAGCAAAAGACCAACCATATCGCTGACTGCCCGCCGTGCCTGCCAGTTCT
CGCCTTCCTTCTCTCTGTCCCGTACATCACGCATTCCTCGCCCTCCCACACACCGTTACT
AATCCGCTTCCGCATGCATTTCCGACTTCCTTCGTAGCCCTCTGCATATCGTTGTCCAAC
TTCGCACTTCGTCTGACCAACACCCCTGTGCCCATCCTGGACGCCCGTGCCGATTGCCCG
CATGGGATTCTGAAAGATGGAGGGACTTACTACCATCCCACCTGATATAATCGAGCGCCA
GTCGCTCTGCTTCTCCCGCCCAGAGCCAGGCATGGTCGTGCAACAAGGAGAGAACGGCTT
CAGAGAAGAACTGTCACAGCTATATGTCCCCGCAGAGAGCAACGCCGCCGAGCAACTCGT
CAAACTAAAGGACTCTCTCCGCAAAGCCGACACCGACAGCTTCTGGATCCAACTCACCCA
AGGCCTCGCCAAAATTGCCGATGCTCAGTACGCTTTTGTGTCCAAGAGAATCCTGGTTGA
TGATAAGAATGTTGCTGTTGAACTGCCCCCCATTGGAGAGCCTGGAGCATGCCTCATGGG
CGAGGCCTTTTACATCAACGACGACCATGGCAACGGACCCGGCCATCTGAGAAACTTCAA
ATACCATGCCTACCAATGTCCGTGTGCCTACATGAAGCACGACAAGGTCTTCATCATTCC
CGAAAGATTAAACGATTTCATCCTCGACAACCCAAATGACCTGATCATTCCAGGAGAGGC
TTACCTTGGAATCCCTTTGTTTGCCGAGGGAAAGTGCTTCGCTCATTTCGGTGTCATGTG
GGGAAAAGAGGGCGCAGCTCGTCGTGTATTGAGCTGGGGGTTCCTCGAAATGCTGTTCCA
TAGCCTGGAAGACATGATTCTAGAACGCGTATTGGAAGGCAACGAGTTTGCAAAGTCAGC
AGAATCAATTCAAGCCGAGATACCCAGGATCGTGCCGCACAGAGCCGTCTCGGCGGCTCA
ATCGTTGAAGCCCTACGCCCGGAGCTTATCCCATGAATTAAGGACGCCAATGCAGGGCGT
TGTTGGTATGCTGGATGTTATGATGGCAAACGTAAAAGAAGCATCAGAATCATTGCAGCT
CGAATCACGGACCCGTGAGATACTCGACACACTCAGGGAGAACATTGAAGCTGTCCAAGG
TGTGTAACAACTCGTTGAAGAACCTGTAGTGATGGCTCCATACTGATGCTACTCTAGACA
GCTCAAGACGTGCAGTCGAGGCAGCCGATAATGTCGTCCATGCCTACGACATGAACATGG
GTGTTCCAGAGACCCCACTTTCGCCACTCGACAAAACTCCGGACCAGTGGAACACTTTCT
GGCGTGAGATGCGACCCGATTTGATGATCACTGGTAACGACATGCGTGCTCCATTACGCG
GCATCAAGAGGAGGAGACACGAGGTTTCTTGGGCAGACCATGCCAACAAGACACGCGTTG
CCAAGAATGCTCGCCAACGAGTTCGAGACACCTTTTCAGAGGAGCCACCCAAGCGCGGCA
CTAAGTCGTGCCCCCCAGACGCAAGCGCTCTGGAACTAGACCGACTGGACCACACCTGCT
CGCATGGAACCTCGTTAGGCAAGTGCGATTCAACCACCTCGCCCATCTTCGCATCCGAAC
ATTCCAAAGTTCCCGGTCTCCGACATACCAATCTAAGAGAAGTGCTTCAATACGTCATTA
ACGATGCGCTCAAAGTGGGAGGACGGCCGGATTCCGCCATTGCTGAGGCTACCGACACAG
GAGAGCGCATTGAAGTCCGAACACGTAGCTCAAACGGAGAGGCACATACTAAATGGATCG
AGTGGACCGTCTCTGCCGATGTCCCAGAGACGATTGTCATCGATGAACGGGATCTCGCCA
AGATGGTCTCCTGCCTCGCTCTTAATGCTATCAAGTTCACACAGGATGGATCCATCACAC
TTCAAGCGACACTTAGCGCAAAAGGCCGTTACATTGTCATCAATATCAAAGATACTGGCT
CTGGCATCCCCGCAGCTTTCCTACCTAACCTGTTCAAACCATTCTCGAGAGAAGACGATT
CGATGACACGACAGAGTGAGGGACTGGGTCTTGGTCTAATGGTCGCCAAGGGGATTGCAA
GGAAACTAGGTGGTGATCTCTTCTGTCTCCGTTCGCATGTTTCTGGGCCAGGGAGAGGGT
CGGAATTCGAAATGAGAGTCCCGCTTACCCCAGGCGAGATTTGCAGTCGCCCTGCAACGC
CTTTTGGATCCCCTACACTTTCCATCAAATCCCGCATGTCTATCGATCCGGAAGTACCCC
ACCTGGAACTCGGCCGTGGCCCCGTCACTCCTCCCTTAAGTTCCGAATCATTCAAGAGTG
ACCGCGAACGTCAGCCGCCAATTACACCTGTCATCACTGTCCGCTCTGCAACATCGCCAG
AAGATATCGGCCTTGCTACCCCCCGCCGCACCTTGTCTCCTCCTCGACAACAACACGCCA
CTCGCGCTCTATCTTCAGAGAGGGACGTTGTGCCATCTGATCTGGGCGTTCAACTGCCTC
TGAACATTCTAGTCGTAGACGACAACGCCATCAACCGACGTGTGCTGGTAAGCATGCTGG
GTAGACTGGGCTACAAGAACATCACTACGGCATTCAACGGTAACGACGCCGTTGAGACTG
TTCGTCGCAATGCTCTCGGCCCGGCGACTGAGTCCTTTGACGTTGTCCTCATGGACCTTT
GGATGCCGTTGTTGGACGGCTTCCAAGCCACTGAGGTGATTCTGAAGATGCCAGAGCTTG
AGCGGAAGCCGACCATTCTGGCGGTGAGCGCGGACATTACAGACGCCGCTCTTGACAAAG
CAGTCAAGAGTGGCATGAAAGGCTTTGTCACCAAGCCCTTCATCACACGAGACATTGCCC
GATTGATTCGGACATACTGCGCAAGCCAATAAGCTTGCCACTTTTACTTCTCCCACGGCG
CTCTGGCTGCCTGGTTCTATTCACGTTATACACATTATAGTTGTGCACCATACAGGTGAT

CATGTTAGAAAGCGGGCATGATTGGATCGGACTGGGTACACGACGATCACGATAGCATTT
GACCAGCCCTTTGGAGGGCCTTTGTTTTGCGGCGTTCAACGAGCGGGATACCTATGGTGG
GCTATAATACCCTTTGATGAATTTTGCATGTTGGGATGACCTTGGTTATGGATTGCAGTA
GCATATGCGGGCTACTCGAATACAACGAAACGTTAAACATTTTACTCAATCATTCCTCGA
CCCACAAGTGACTCTGCAGTGATGACGACGCGTTGCTTGGTGAGGCTCTGCTCAGATCCG
GATTGCCGAGCTAGACCCGCAGGCACGGCAGTCTTGCCCAGGTGAGGTGCAGTGGTGATG
TCGAAGGTGGGGGGCCTTGAATCGTGGGGCATGGCCGCCGAATCGGCCGAGCACAGCACG
TTGTTGTCGGAATCTGCCCGCACCCCATGCATTTCAGACTCGCTGCGAACGGCGCAAACC
CCAGATTTTCACCAGCCACAATTGACTGCAAGTGAAATGATACCGATCAAAGGGAAACTC
GAAGACATGGACGAATTGGAAGCGACTTGGGCGAAACGTGGTTATCGGCGAAAAGTGGCT
GGTGAGCATGCGCCACAGCACTAGCCCCTTGCGCTTGCGGGTCGATTAGAGGACAGATTT
CTTGGGACGCGCCGAAGTCGAGACAAGTGCTGTTGCGCCGCCAGTACAGCCGTTTCTGCC
GTGGACAATCGCAGAATCTTCTATCGTCTTCTCCTGCGACTTTACTTGCGCCAGGAAAAT
ACAGTCCCTCCCTTTGTGCTTGAAGTAATCACGCGAAGGTTGTCAAAGTTCCTCTCAACG
TCATAGGCGAAGATACCTGCGACTTGCGAGCCTCGACATTTCTAGAACCGACATATCCCT
GCGAACAACACTACCGCACAACGATTGAGCCACCAGACAGCGTCTCGTTGAACAAGTGGT
GTATTGAGCGAAGAGAACCCGGTGATCAGAGCAGTGGGCATGGAGAATGCGTACACCAAG
ACGCCCGCTGAGGCGCTGAAGTATTTCCAGGTCGAGGAGCAGAAAGGTCTCAGCGCACAG
CAGGTGCAAAGCGCGAGGGAGAAGCATGGAAAGAATGGTGTGTTACTATTCCCCTAGACC
GCGACGACGACTGCTGACACAGAGAACAGCGCTGCCAGAAGACCCACCAACACCCATCTG
GGAGCTCATCCTCGAGCAGTTCAAAGACCAGCTTGTCATCATCTTGCTAGGCTCGGCAGC
AGTGTCATTTGTGCTGGCCCTCTTCGAAGAGGAAGAAGGCTGGACCGCATTCGTGGACCC
GGCAGTTGTACGTACCAGGCGACGACGTTACATGTACCTGCGCTGACTTGCATGCCTACA
GATCCTCACCATCCTTATTCTAAACGCCGTCGTCGGAGTATCGCAAGAAACTAGCGCCGA
AAAGGCCATTGCAGCCCTCCAGGAATACTCGGCCAACGAAGCGAAAGTCGTACGTGACGG
ACATGTCAAACGCGTAAAGGCCGACGAGCTGGTCCCCGGAGATGTCATCTCGGTCACAAT
CGGTGACAGGATACCCGCTGATTGCAGGATCCTGTCCATTTCTAGCAACAGCTTCAACAT
CGACCAGTCCATCTTGACTGGAGAGAGCGAGAGTGTATCCAAGGATACCAGGGCCGTCAA
GGATGAGAACGCTGTCAAGCAGGATCAGGTCAATATGCTCTTCTCGGGTACTACGGTTGT
TACGGGGCATGCGACTGCGCTGGTAGTCTTGACCGGTGGTAACACGGCGATTGGAGACAT
CCACGAGAGCATCACGGCACAGATCTCACAGCCCACCCCCCTCAAGGAGAAGCTCAACGA
CTTCGGCGACCAGCTCGCAAAGGTCATCACGGCTATCTGCATCCTCGTCTGGCTCATCAA
CATTGGCAACTTCAACGACCCTTCGCACGGCAGCTTCACCAAAGGCGCCATCTACTATCT
CAAGATTGCCGTTTCTCTCGGTGTCGCTGCTATTCCCGAAGGTCTGGCCGTCGTCATCAC
AACTTGCTTGGCTCTGGGAACGCGCAAGATGGCTGCAAGAAACGCCGTTGTACGAAGCCT
ACCTTCTGTCGAGACACTTGGTAGCTGCAGTGTCATTTGCTCCGACAAGACAGGTACTCT
TACCACCAACCAGATGAGCGTCAACAAGATGGTCTTCCTCAACGAACAAGGTAGTGGCCT
CGAAGAATTTGATATTGAAGGCACCAGCTTCGCCCCTGAGGGTCAGGTCTCCCTCCGTGG
CAAACCCCTTGAGAACCTTGCTGCTCAATCCGACACCGTTCGCCAGATTTGTGAAGTTAC
CGCACTTTGCAACGACGCAGCCCTTGCCTACGACTCCAAGAATGGTACTTACAACCTTGT
CGGTGAGCCTACCGAGGGTGCTCTCCGCGTCTTAGTTGAGAAGGTTGGCACTCCAGATAT
CGCCCATAACGCGACCCGCGCCAGCACTTCGCCAGAAGGACTTCTCGATTTCTCTACCAA
GCACTACGAAAGCCACTACCCCCGCCTAGCCACCTATGAGTTCTCTCGCGACCGTAAGAG
CATGTCTGTTCTAGTCAAGAATGGTAACTCGCAGAAACTACTCGTCAAGGGCGCCCCGGA
ATCGATTCTTGATCGTTGCACCAATGTCATTGTCGGCAAGAACGGAAAGAAGATGCCCAT
GAGCAAGCAACTTTCTACCCTTATCAACAAGGAAATTGTCGAGTACGGCAACCGTGGTCT
TCGTGTCATTGCTGTAGCGTCTGTTGAAGACATTGAATCGAACCCACTTCTGGCAAAGGC
TAAGACTACCAAGGAATACACCCAGCTGGAGCAGAAGATGACTCTCATCGGTCTCGTCGG
CATGTTGGACCCTCCCCGCCCTGAAGTCCGCGACTCAATCGCCAAGTGCCGCTCCGCTGG
TATCCGTGTTGTAGTCATCACTGGAGACAATCAGAACACTGCCGAGTCCATCTGCCGTCA
AATCGGTGTCTTTGGCCCCAATGAAGATCTCACTGGCAAGTCTTTCACAGGTCGCCAATT
CGACGACCTTTCCGAGTCCGAGAAGATGGAAGCCGCCAAGCACGCCAGCCTCTTCTCCCG
CACTGAGCCAACACACAAATCCAAACTCGTCGACCTTCTCCAACAAGCCGGTGAGGTTGT
TGCTATGACTGGTGACGGTGTCAACGACGCGCCTGCTCTCAAGAAAGCTGATATTGGTGT
TGCTATGGGTTCCGGAACCGATGTAGCCAAGCTCGCCGCGGACATGGTGCTTGTAGACGA
CAACTTTGCCACCATCGAAGGTGCCGTTGAAGAAGGTCGTTCCATCTACAACAACACTCA
ACAGTTCATCCGCTACCTCATCTCTTCCAACATCGGAGAAGTCGTCTCTATCTTCCTGAC
TGCCGCTATGGGTATGCCTGAGGCTCTGATCCCTGTTCAACTCCTCTGGGTCAATCTCGT
CACCGATGGTCTCCCCGCTACCGCTCTCTCTTTCAACCCTCCAGACCATGATGTAATGAA
GCGCCAACCCCGTAAGCGCGACGAGCCTCTCATCAGTGGCTGGTTGTTCTTCCGCTACAT
GGTTATTGGTACCTACGTCGGCGCTGCGACTGTCGGTGGCTACGCGTGGTGGTTCATGTT
CAATAGCGATGGGCCCCAGATCTCCTTCTACCAGCTCCGCCACTTCCACCGCTGCTCGAC
CCAGTTCCCGGAGATTGGTTGTGAGATGTTCAGCAACTCGTCTGCCCAAGCTGCCTCTAC
TGTTAGTCTGAGCATTTTGGTCGTCATCGAGATGCTCAATGCCATGAACGCGTTGAGCAG
CTCAGAGAGTCTGCTTACATTACCGCTTTGGGAGAACATGATCCTTGTTTATGCCATTTG
TTTGAGCATGGCTTTGCACTTTGCACTTCTCTACGTCCCATTCTTGCAAGGGCTGTTCAG
CGTCATCCCGCTGGACGGCAACGAGTGGAAAGCGGTCATGGCGATCAGCGCGCCAATCAT
GTAAGTCACATTTCACGCCTTGTGCCAAAGGCTACAGAATGAGCAATCGCTAACATGTTT

TCAGCATCATCGACGAGGGCCTCAAGTTCCTCGAACGCAAATTCTTCATCCAAAAGGGTA
ACGAGAAGTTGGAGCTCGCTGAACAACAGAACGGCAGGGCGAAGAAGGACTAGATGTTCT
CTTCCTCTTCTTCTCCCTCTCGCTCGCTGAAACGCGCTGACGGACGCCCACATCTCCGAT
CCGATCTAGTCAAAGAACGCATATCATGATTACTTTGCATATAGAAGCAAGAGGTGGGAC
AGCAAGTAGTCAAAGAAGCAGCGAGGAGAGGAGTGTTTTGATACCTTTTGCATGAGATTA
GGAGTTTTTGCTTTGTTCAAAGACAAGTGGTAGATGTAGATGTAAACAACATGAATAGAG
CAACAGTCACGCCACAGCCGAATGAGTATATGTAGGTACTGCATGTATTTCGAGGGTGTT
GTAGGTGCAAGAACTGGGGTAAACTGGCGATGTTCAGACCGTTATCGGAACACGAATGCG
GCTCTCCAATCTCCGTGGCAAATCATCTCGCCTATTTACTGTATACAGTCGTAAACTAAC
AAGGAAGACTAGTATATGAGGGCACCGAGGCGACACTCAGTATCCATATGGATGCGATGG
TAACGTGACAAACCTAGGCAACATCTGCGAAGCTCTAGTCAAACTTGAATAGATTCCGCC
AGGCAAGCCCAAGCCATACCCGGAGTCCCATCAATGCAAACATCTCGCCGACTCTACCTC
TGCCCACCGGTAGCCCACATTCCAGATAACCTTTCTCATTTCCTACACCGACCAACCATG
AACTCACGCCAACCACTTCACGACTCCATACTTCCACATTAACGACCTTCATACTTGGCA
ACCAACTTCCTTCCCTCCTTTTCCAACTCATCAACCGTCGGTTCCCAGACAACCGCCTTC
TCATTCACTCCCAGAAACTCCCAGATGCCCACTCCGGCCTTTGTCTTCCCCTCCTTGCCC
TTTCCCTTTCCCGCCTTCATCTCTCCAGCCGACTTGCCATTGAGAATCAGATGCAAATCA
ACTCTCAGCTTCAAGTAACCATTACCCAAGAACATGACGTGCATTCTATACCGCTCAGCA
ACTGTCTTGAGTGTGATGGTGCGGAACGAAGCGTGGGGTGGGGCTTCGAACGCTTGGATC
GGGTACGGCATGGAACGAGGTGGAATAGAGAGACGCGCTGTATAGGCTCCCGACATAGGA
TTTAGACCGGCGATGGAGGTGATGTTCAAAGTGCGTTGACCGAACCAGTACTTGTCGACA
TGGGTAGCGGTGTACTTGGGGCAGTAGAGCTTGAACGTTCCTTCGATGGAGCCCAGCGGT
ATGGGGATGCGTGTCAGGATGCTGTAGCGCAGGAAGGTGGACGCGGCTTTGACGCGCGCA
ATGTCAGACGCCGTATTCTCAGTTTCGGTTTCATTTGTGATGATCACTTTGAATGCTGAG
GTGTCGTCGGAACGTTGGAGCTGGAGCAGTTGCTCGGATTTGGCCGTGCACCCTGAGGCT
TGTTTCAAGCAAGGGAGGGTACCTGCTGCTTCTCTGTCGGAGAGCCACTCGTCGTACTCG
TCAAGGTATGCTGCCTCATCGGTAAAATTGACGGTTCGGCGGGAAGCCGTGAATGTGCTA
GAGAAAGTGGCAAGATTGGCTTCGTCATGCCTTTCAATGTGCTTCTTCTTGTTGTTGAAG
GGAGAGATCTCGTTGCTGGGACGTGTGTATGGTTTATTTGGACGCATTAACATGTCGCGA
ATGGTCCTTGATGTGGTGGAGGAGCTGCTAGAAGAAGTACTAGGTGCCTCGCTAACGGAA
CGACGGCCTCGAGGGCGCGGCTTCGGAGTGTCTCTGAGAGGTTCTTTGAACCGCATGAGG
TTTGCAGTGGTAAGACTGTCGACCTGACTATTGGTGAGCGGGTTCACGGAACCTTGGCTG
CCAACAATGCGCTTTCGGGCCTCTGGGGATTTGGTGTCAATCATGAGAGGAATTTCGGGA
GAAGACTCAAGGGTGCCAGGAGCTTTGCTGGTTTCCTTGGACGTGATAAATGCGGGTCTG
AGACTAAACGGGATTGCTTGTACGCGAGGAGTGGTTGCAGGTGTACGGCTCATTTGTGAG
AGAGGGGTCTCGCTGACAAGGACTTCAGACTCTCGAAGGTCTACCTTGTTCTTCTTTACC
GGTGACTCGCTCACACTGCGCGTCAAAGAACCAAGATACTTCTGTGGAAGTGGAATTGGT
GTGCTCTTCGGCTCGGTAGGCAGGGCTGATGCGACTGACGGAACTGGTATCGGTGTCTTG
CTGACCTTGGACACATTTTCCTCGTTGGAAGCCACAGGTGTCTTCTCCAGCTTCTGCCTC
TTGGCCTTGGGCTTGATCTCGTCAGAATTGATGGTCTTTGGTATTTCAGTCTCAATAGTC
TTAGCAACGGTCTTCTTGCCCGAACCCACTGGTCTTCCTGGCTTATTTCTGGGCGACTCA
GCAGGTTTAGCGGTCTCATTGATCCGCTGGTCGAAGATAGAGGCGAGGCGAGCAAGGGAC
TTCTTATTGTCTTCCATGTTCTTCTTGAAGTTGGGGCCGAGCCAATTGTCAGCGTCAGCG
AGACCTTTGTCAGTGACAGCTGGACTGTCAACAGGCACCTCAGTCTCTCTCTTCCGCTTC
TTCGCATCAGAAACTGGAGTTCCGTCCGGGCCTTTCTCTCTCTTCTTGTAAGGGCCACGT
GGGCCGTACCTGCCGTTTTTTACGGGCGTGGCGGCGAGTATCGCGTCGACTGGCGGAGTG
TTCTGCTTCTCTTTCGGTTTTCCTGTTTCCGCAGCAGCCATAGCTGCCTTAGCTTCCTTC
TTCAGTTTCCTGGCTTCTTTCCTCTCACGCTTCTCGCGCTTTCGCCGAGCCCTTTCATTG
TTGACAAAATCGTCTGTCGTGCCGTCGTTGGTCGTAACGGGCGCCGGCTTCTCCGCCTCT
TTGAAGTCCATGCTGTTGAAAGATTGACGCTTCATTGAGGTGCCTTGGCCAACGACATGA
TGTTTTGGGATTCGGTAGAGTCCCTTGGGCGGCATAGTCGTAATCGCCAGTGGTATCTAA
AGCTTAACTCTGGCTGGGAAAACTTCGTTCGTTGGTGTGGCTTGGTGCTGTTGTTGTTGT
TGCTGTCGCGACCCGACTGGGCGTAGGAGACAAACAACTGCAACTGCGCGGGTGCGTACC
GAAACTCAGTTATCTAAACCAAGTTAGAGTGATCGCGTTAGAACAAATCTTGGAATTCGT
TACCTTCAGTTTTGGTAAATGAGTTGACGGTGGTGTGGGAGGACGGTAAAGACTACGTGG
GCCAGAGGATATCGCAAGGTGGGCCCAAACTCGAGGTGAAGGTGAGGATGTAGGCACGAA
GTCACCTTCACCGTGAGTATGAGAAAATTGAACAATGGCAAAAAGCATAAATAGAAGTGC
GTAGAGATTAGATTGTTGACTAAATTGTAGCATCTTTGAGAGTGCTTCCGGATCTCCAAT
AGGATCACGTCGTCCTTAAGGATGATCAGCCAAATACAGCGAAATGAACTTTGTGCACAT
CAAATCCCGAGTCGCACATGCGGATATGGAGGGGACATATTTGGTAGAACAGGTATGACA
AGATGGCTCCTGACCTTAGGATTCGTTGGACATGCTGAAGATACTCAGTGAGCTTTGACA
TATCAAGCAACCCATCGTGAAACTGTGGTAACCACAAAATTAACCAAATACCTCAGGCTC
CATGCTTTGCAAACGCAATGAGTATATACAGATTGACCTTGAAATGGCTACAAAATTACC
ACACAATTATATTAATACCCTCTCCTGTGGGCGTACCTATGCTATTTGAATTCACAACTA
TCCTTTGAAGTCGCTAGACAACCTAAACACCCCCACTAAACAGCCTTATAATCCCGGCGT
ATGCGCAAAGTTCCTGATATCCTTTGTCTCAATTCGTCCCACAGCAGGATACATATCATG
CCGATCGATATAACTATTCGCCGTCTTGATATTCTCCAGCCCATCTTTGCTTCCCTCGCT
CTTTGCTGTATCAACCTGCACTAGTGCGTTCTTATCCATATCGGCATCGAAATCGGGCAG

TCCATTTCTTTCAGGGAAACTAGTTACTTCACCACCATTTTCTTGGATGGGAGGAATATT
CGCCATGTCTCCGTGGTCGAGGCTGAGCTTGCGGACGCGAGAGTCGAGATTTGATGGTGG
GGGCTGTGGCGTGCTATCGCTAGGTATTGCGCTGAGTGACTTGGAACGCACGGCCTGGAG
AGTGTTGGAATCTTCTGAGGTTTGGTTTGGTGCTTCGCCTGCGGAGAGGGAGCGCTGGGG
GTCTACGGTTGGTGTGTGTGGAACACTGTTTGAGCGCTGCTTCTCATGTGCAGTTTTGCT
GCTCTTGGACCAGGACTTGAACTTGAAGGCCGAGAGCCAGCCTGGGCGCTTTTCTTTGCC
TGCATTTGGGTTTAGAGCGCGTTCAGCGGCAAGTTGGATATGAGATTTTGCTTCCGGTTT
TGAAGGTTTGGGTCCGGCGGTGGGCGCAGGCACAGGCGCAGGTGCAGGCGCTGAGCGGAT
GTCGTAATCTGACTTCCGGCGCGCACCTGCTGCGTCCATGTTAGGTTCTGAGAGGCCTAA
CACAGCGCGATTTCGAGCAAGATTTGATTCTTTGACTTCTTCGCTGATGTACTGCATGGC
TTTGTCGATGACTTCAATGTACTCTGGATAATCGACTACACAGGCTTCGCGAATCAAACG
CAGTTTCTCCCAATCCTGTCGCACTGCTGGACCTGTCAGGTCTGGGTGCCACCCCATGCT
CTTGAGATCGGAACGAATTCCACGGTCAACCTGCTCTTTCACGCCCATGAGATCGATGAG
CGCATCGACTTCGGTGCGTACAACTTTGACGTACTCGCTGAAGCGTGTAGTGTCCTTGAC
CGTCCAATGGGAGGTCGTCATGCTGAGGTTGCGCTTTAGACTGGCTCGCGCACCTGTCTG
GTTCAGGAGATCCTTCAGCAGGGTGTACTTCTCGCGGAAGCCTTCCAATCGGTTCGTGTC
TAGTGCTGGATACTCGAGGCGCGAGAAAGTCTTGGGACTCTTCAAGCCGTAAACATTCAT
GAGTTCGTCTCGCGACATGCTACTTGGGCGTCCCGCAATCTCATGGAGCGCCCTGCGGAC
TTTCGCATTGATGACCTCCTCGTCAAGCCTCGAATCTCTGACGCCAAAGTGTACAGGCAC
ATGTGGATCTGGATTTGTGATGCCAGGATGGCTGGGTATCATGTGTCGTGCAATTGTCGC
AGGTGGCGCAGTTATACCCACGGCATCACCAAAGATCAGCAACCTGCCCTGCTGTAGGCC
AAGTTTCGCAAGCACAACCTTTTGCGCATGGTCCTGATCTTTTGAGGGATGGATGAGGTT
GAAAGCCTCAACACAGGTGCTGAATTGGGTCGCGAGAGAGAAGACGTCGGTGAGGATCTG
GGCCTTGGACTTCCCTCCGGCTGGGTCAGTTGATTCGACGAAGTCGGTCGTACTTTTCGT
CGTCATGTTGGCGGGGTAGGTTTCGATGTCCAGCTCACAAGGTACCGATGGTAGAGCGGA
TGAGGGTGTCGCGCTGCAGAAGCTTGTGCGCCAGCTGAAGGAAAATCAGGATGCATCACG
GATCAGGTCAAGTCGATATTCATTGCATGTGCGCATGACGTCTGAGGGGAGAGACCAATA
TCCAGCTGTGGCGCAGCCGCGTGCACAAAGGAAGCGGGGCAAGGATCGGCAAGCCGTTTA
TCCTCACTTGGCTTTCCTAGCACCGTCTTCATTCGTGAAAATAGGCCAGTATCCGCAACC
AAGCACTGCAACAATGTATGCCACGCCTTTTCCTGCAGATTCCATCTGTTTTCGACGCCA
CACGTGTCCAACGCCAGGTCAGACAAATGCCTCACTGCTCGGCCTGTCACTTTGTTGGGA
ATGAACGTGCGACCGCAAATTTGGCTGCCAAAATTTTCACCGTCTTTCGCTGCATAGCTC
GCGATCTAGATTGTGTAGTCACCTCGGGTACTTATCTAGATTTTCTCACAACAGAAAAGA
CGCGATAAAGATTACTCGATGATTTAGGAATGATTTGGGCCCCAGTATGCGTCGCGTCGT
ACTGCACCCGGAATACAGGGCTCGCGGCCTTCGTTGAAAGGTCCTGAACAAGACACCGTC
GCATTACTGGAACCGTTCGCTGCTCGCACGTATCGTGCGCGATACCTTGTGACCCGGCGC
ACTCTGCTCTAGTCGAATTTCAAGCTCACGCCCCTTGCGGCAGTTTGACACAGACGACAG
ACCATTATAGGTTCTAAAGCGCAATGCATCGTCCATAAGGCATGGAACGCAAACTAAGCG
GCCCGGACGGTAGTATCCATGATTACGTCGCTCAGCGTCCATCCGTACCTGCGTATGCGT
GCGTAGCGTCGCCTAATTCAAAGCGTTTTTCGCAACGGCGCAGCATCGGCATGGAAGATA
ACGAGTTCTACGCAGCACCTGCGTTTTGTTCGACTGGGACAATGCTGTATGTGAACGTAC
TGTCGATATGTAGACAGAACACAAGCGGCTGGCGGTTTGGCCTCTGCAAATTCCCCCGTC
TCGTTCGCTAGCGGCTATGCGGTGTAGGACCGAAAGAACACTAGAGAGGCGCCTTCCGAT
GGAAACGTTGGAGATCGTGATGCGCATGTCGGCGAGAGGTGTAGCTTGTCTGCCAGACGG
CAATCTGCATATTTTATCATGCAGAGCTAGTGCTGAAATGTTACAGCACTGGGACGAGAA
GAAGCAATATGGTCCTTTTGCTTAGACGTGGTAGAAGGGACTCTTGCCACCTGGCCTATC
CTCGTTCACACTCAGCGCAGTGTTAGTGTCGCCATCTTGTTCGCACGACCGTGTCTCTGT
CTCTTGCTTTTGTAACTCGTTGCGCTCAATACTGAACTCGTTCGTGACAAAGATGCCACT
GCCCCGGCGGCCGAGCTCACTCGGTCTACTTGGTGGCAATGCATCATCTTCGCTTTCGCG
CTCAGATGCACTTTTACCAGATACCTTACTCTTATTTCCAGTGCCAGCTGGCCCGTGGTT
GCTCTTCCAGTCCATGGGGTACGACCGCCGCTTCGAGGTGGCCTTGGTGGCTACCGAACC
AAAAAGTGGTCCAAAGAGGCGGACGAATGGAGCGCGGAGCATGGGGAGACAGGCACATAT
GATACCAGCGTTGGCTTCTATCACTGACCATATTGTAGCAGGAACAGGGCCCCAGGTCGG
ATCGGGGTCATTTGCGGACCTGGCTATTGTAGTTGCACGATAGATAGACGCAAAAGTGAC
ACTAAGGAGTCAGTAAGGTGCTTCAAATGGAGGCCCAGATACTTACAAGCCACCCGTGCC
GAAAACAAGTGCCACGCCCAACTTCTCGGCTTGTCCCATGGAGAGTCCTATGATTCTTCG
AAAAGGCATTGCAAGGAGCATGAAGTCGGTTGTAATTTGAACAGTGGCATAGGAAATCCA
CCAGGGTTCATTCTTGAAACATCTGGCTCCAGATATGGTTTTGTCCCAGAATGCGGCGAT
TGGCGTACATTGGAAAACCGTTGCGATAGTAAAAGCAAAACCGGTCATGATGACCCAAGC
GTCTTCAGTAGAGTCAGTCAATGATCTGTAGTCCAAAACGAGCCACTTACTCATGATGTG
ACAGGCAATACGGAAAGACTTTGTGGTGATGGCGAAGATTCGGTAGTACAGGCAAACCAC
AGAGATCTTGTTGAACATGAGAACGACTTTGTAAACAACTGCTACAGTCAGTGGAATTCA
TAGTCAAAATTCACATCATTTCCAATAAGTGCCTCCCCGCAGCATCTCAGAAACCGGAAA
AACCGAGCGATGCGCATGCTTTTGGGATGATGTGTGCATTTGATGGATGTCAACTCACTA
TTCGCTCCATAGAACCATTTGCGAGCAATAACGCGGGAGTCGGCAGGTAGATCTTTCCAA
TGTCTCCCGTAGCCATATACCACAGCTGATCAAAGTTAATACCCATTTCCCAAAGTTGTG
CCGATCCACTGACCTTGACACTCTGTTACAGAGAGTAAAACTGATGAAAGTAAGGCGGCG
ATGATCATGTAGTCGTCCATTCCCAGGCCGCTACTCTTGATGAATCGCTGCGCTAGACGT

GCGCTGACGAAAAGACCGGCGATAATAACAGATAGGACACTGGTGAGCCAAAGTCCCCAT
CCGCGCTCAACTGAGCCTTCAGTTCCAAGGCCGACGTTGAAAGTCATGTCGCTTGAGGGT
GCTCGAGTTCTGGAAGGTAAATCCTATGGAACATCCATGAACAGCGGGAACGGATAGTAT
TATGGGCCTCGTCTAGCATTTGGCTTTCCAGGTACCCGTCCCTGGAGACACGGTAGCGCA
GGGTGAGGGCTGTGGAGCGGCTGGCAACTCCTTCGTGGGGGCATTACGGGAATGCAGTGA
CGGCGAATTTCTCGTCGTTTCATTCCGATACGATTGGATCTGGTATACCAATCTTCGGGG
ACTACATCTGCCGATCTCTTGGTCTCTGTGCGCATGCAAGCTCTTCCTTGCTAGAGTCCA
GGCGTTTGCCGTGAACGCAGGGCAAACTTCCAATCGCCTCGGTGTAATGTACTGAACAGG
TATGGGTAGGTGACATCACAAATGGAGATCAGCGGTAGCCGGACATCTGCCGGATATAAG
CAGGCCGCGTTTGTTGTCCATGTCCACTGTGTTCAAGTTCGGTAAGAACAAGCAAAAGCC
GTGACGGATTAGAAGACGTCACAGTCCCAGGTATTCGAATGCTACATGTTGTGGTGATGT
TGGCGTTTGCCAGATCGAAAGGTTCCACGCGACCGGGAAGGAGCGGCAGCGCATCAAGAC
TAGCGTAACTTGAGATGTCAAAGGATGCAGCCGTGCGAGATGAAGCCACCCGTCCTGTCT
TAAACGTCGTCGAAGCTTTTCGCGCCGGTGTAACGCCGCGCGCGCTCAATATGGAGCTGT
TTGCAACATTTCCAATTGCCTCGGAGCTTTATCTGGTTGTAGTGTATTTTGCCCCTATGG
AACACGGTTGGCGTCGACGGCAACGCAGGAACGCGGAGCCAATTGCTTGCCAGGCCGAGC
CGCGATTTGAATTTCGCTCCATTAAAGTCAGCTGGTCACCCGCCTGGCATTGGAATTTAT
TCCCTAAAGCGCAAGGTTGTTGTTGTTTCGAGTTGAAATTATGCAGCACCTCCTCCTTAC
TGCTGCAGCTGTAGCCTCGCTATTCGGTTCGGCTGTTGCAGCGCCGAAGAATGGCTCCAA
TGTTGAGACATCGAGTGGTACCTTGATTGGTCACCCATCGTCTAACAAGACACATGTGAC
CGAGTTTCTGGGTATCCGATATGCAGAGGCGCCAGTCGGCGAGTTGAGATTTGCTGCGCC
GAAGAAGTACGATGCGCCAGCAGGAACTGTCTTCGAGGCATCTGAGTGGGTTAGTAATCG
CAATATCGCCAACATGGAGTACAATCGCTAACAAATCATAGTCTCCGTACGTAAGGAACA
CAAGACATAGAGGATACTTCTAACGACTCTTTAGTGACTGCCCTGCTGTCAAGCCGCCAG
TGTCCGCCTTCCCCAACTTCACACAGCCATCCGGTCTGCGTGTGTGGAAGAACTTTGCAG
CCCAGAACAACAACTCTGTATCTGAGGATTGTCTGAAGCTCAATGTCTGGACGGCAAGTG
CCGGTGATGCGGACGCGAAGAAGCCAGTGCTAGTGTTTCTTCACGGAGGACGTACGTTGT
TCCTTTGATTCGCCAGAATATCCCTAACGACCATTCCAGGTTTCCAGATTCCTGGTCCTC
ACTCTCCCTTCTACAACGGCCAATACCTAGCTGACGCTGAGGATGTGGTCGTTGTGACAT
TCAAGTAGGGTTCACTCCATCTTTATCCATGCGTTTACTGACAATCCCAGCTACCGATTA
GGTATCTTCGGCTTCGCTGGCGCCCCTGGTGTGGAGAAGAACGCCGCGCTGCGCGATCAC
CGTACCGCTGTCGAATGGGTGCGCGATAACATCGCTGGTTTTGGAGGCGACCCATCGCGT
ATTGTCATCTTCGGACAAAGCGCAGGCGGTGCTGCCGTCGACTACTGGGCCTACGCCTGG
AAGAATGACCCGATCGTTTCTGGCCTCATCCCCATGTCTGGAACCTCCCTGAGCTTCATC
CCCAACACTGTCGAGTACTCGCAGTCCATCTGGTACAATGTGTCCCAGACCATCGGCTGT
GGCGGCGCTGCAGATGACGCTGCTGCAGTAGTATCTTGCGTGCGCTCTGCAAACATGTCT
GCTCTTCTGGCTGCCTCCGCAAAGGTTCCCGGTCTCCCAAGTGTGGCTTTGACTCAAGCA
ACTTTCCACCCGACTGTGGACAACATTACGGTCTTTGAAGATTATCAACAACTCTCTTCC
GATGGCTGTTTTGCCAAGATTCCACTCTTGGTTGGTAACGCCGACCATGAAGATGGCTGG
TATCGCATCTCTGGGTGGGCGGCCAAGCTGAACTTTACCAATGCACAATGGGATCTGTTC
ACTCAGCGCGGTTTCACGTGTCCAACCTCTCTGTCCGCTGCATACCGGGCTCAGTATGAT
GTGCCTACCTGGCGATACAGATACCACGGTGATTGGGATAACCTTCGCCTCTACAACGGC
AGCGCAGGTCTTGGTTCCCAAGGAAGCGCTGCATACCATGGCTCCGATCTTGGCTTGGTC
TTCGGCACTGCTCAGGACATCTCTGGTCTACCTAATTCTCCTGCCGAGAACCAGTACACG
AAATATGTCCAGGGTGCCTGGGGTGCTTTTGCCCGGGACTCACAAAAAGGATTGACTGAA
TATGGATGGCCTTTGTACAACTCAGGTAAGAGTCATTCGTTCTCTGGGTACAACTACTTC
TTTGCTAACATACGTACAGGCAATGCCACACTCGTCGAGCTGGCCTACAACAACGACGCG
ATGCCCAAGTTTGTCAACCCCAAAATCTATGACGCGTCGTGTCCCGCGAAGAATGACCCT
CTGCCCGGGCGAGGCGCCTTCTAGAAAGACGGAGCTAGGCGCACATCGCTGAATAAGTAG
CACCTTGAAACACATCCTTGATTATTTTCATCTCGTTTACCATCGCTTCGCCTCGACTGT
CACTGTCTGCATCTGTACCTTGATTCGGATGGCTGCATCTTGGTGTTCCAGAATACCACG
AATTAAATATCAGACGACTCGCCGTTGAACCCAGCACTGAGTTTGCGTCCGAAGAGGTTG
TTGTCCCGGCACTTGGGTCCCCAGGATCTGGTTGCGGTCGGGCTGGGTTGACGTTTATGG
TTACGGCCCGATGCGCTGACGCCAACTAACAAACTTTTGTCGTAAGCCCACAGCGCGGCG
CCAACCGACTTCTCTCCGTAAGAAATGACACGGAAGATATCCTATCGTAGCTGCTGTTCC
CTGAAAATGATGTCGCAGTCATCTGTGATTGGGCTACCGAGGTAATTGCGAAGGTGGGCG
GGTGTGACATGGTGGAGACGAGCACGTGGCTATAGCAATCCCAGCTCATCCGGCGTCATC
CTTCCGAACTACAGCAGTGTGTATCGTGAACCTAATCATGCCATTTCCACAACTACGATG
TGATTAGACGCATGAACTAGCGTCAAGTTCTTCTGTAACCGATCTTGACCAATTGTTCCT
GAATATGCCGTTCGCATCAGGCACGACAATCGAGATTTCAGTGGCGCACAGTCTGCATGA
AGGCTTGCATGCGTTCGATAGTTCCGTCGAGGAGGATTGAGGCTCGTTGGTGCAGCACAT
GTACAGTCCTCGGTTTCCAAGAGCCAGAACATAGATAGTGAATCCTTCTGACCCGCCTCA
TCCACTTGGACAGCTGCTTGACTCGCAGTCTCATCGCACTAATTCGCGATTACGCAGCCT
GGACTCTTCAGCACAAGAGAGATTTCTTCCGTTAACATCGTCTTGTAAGATACTCCAGTT
TCTCTATAACATATCAGAGGCGAACAGAGACCGGAATCATCAAGGATGATCCCCCGTCTT
GGCAATGTATATATTGTTCAATAAGGCCGGGATGTCCAGCTGTAAGTACCGGGACTAGAA
TCCCATGCCGCGTCTATGCTAACCTACCAGAGCAAAGTTACTGCGGGGCCCTTGCGATTG
CGGCGTGGTATCTGCACAGGATACGGGCTTGCTCCCCGCCCCTCGGGTCTGTATTTTCTG

GGACGAGTAATCTGGTGGCCATCAGGTACAAAAGCCAAAAGCATTCCAGTCGATAGGTAG
CCTGATCCCCTGGTACCTGCATCTGAACAAACCGGTCCGTCTTCATCACCACCATCATCA
TGAGTTCAGTTGGTGCTTGGCAGTTTGCGCCCCTCGTCACCGAATTCCCTACCAATGTTT
TGCCTAACCTAGGGTTCTGGAGTGCGACCAACGGGTCTTGGGAATATCAGATTCAAGTCG
CATGGCCGTTGAACTGGACATCGCAGGAGGAGAGCTCAACTGTGGAGACGATGTAAGAGC
CCATAATGGACTACAGTAGCAACATGAGAAAAGAAGTACTAACACCACTACTAGGTATGT
CCTCGATGGCAATGCACTCGGCATGACTGCCACGGAAGCTTTCCGTCGCCGTCGTCCAGT
TGAGTTCAACATGCCCGACTGTATCGTCGTCAGCATAGGCTACCCGGAAACCATTGAAGA
TTCGCCTTACAGCACCCAGCGAAGCTACGACTTCCAGCCTCCTGTCTGCGACGGCTGCCC
ATTGCCAACAGTGCCTGGCGTGCAGTCCAATGCCAATGAGTTTATCGAGTTCATCGACAC
TGCTCTCCGCCCCTGGGTCCAGGAAACAGCTTTCCCAAAGGCTGAATTCGACCGCGATGC
GCTCTACGGTCACTCCTTTGGCGGCCTCTTCGTCCTGTACGCTCTCACCGTACGCCCCGA
TCTCTTCGATACATTTCTCAGCGCCTCCCCGGCACTCTTCTTCAACAACGATTACGTCTT
TAACAACACGGATTTTCTCGCACCGCTAACTTCGCCCTCGGCTAACAACACTTCCAATGC
CACCAAGCCTGCTTTCCAGATAAGCTATGGCGCGCTCGAACAGAACCTGGTGCAGAGGCG
GACGGAAACGGATGAGGAGTTCGCCTTTAGACAGAGCATCCTTGTACCGCAGCGGATGAC
GGATCTGAGCCAAAAGCTATACAGCACGCTGGAGGATAGTCCGGCGTTGAGGGATATCAG
CATACATGAGTACCCTTTCAGTGATCATGCTGCAGTAGGCGCGGCAGCGCTCGCGGATGG
TATCGACTACTTCCTGGACTGGTGAATGCAAAGTGCTGTCCAGGGTGGAGGTGAAGGAGA
GCGACGCCTTGTATGAGGACTGAATGAAAAGCTGATGGTCAACCCTGAACCCCAAGCATT
GCTGACCTGTCTTGCCTGAAATTGGTAATGCTTGATTCCGGCCGCGGTGATGTCTCTTGC
TGTCATTTTTTTCAATGCGGCTCATGACTCTGTGTCTTTGTAGCATCGGCTATTGATCCA
CTATGTCAGCGCCAGATTTTGCACCCGACTCGTTGTTCCCTTTATCCTGCTCTTCACAGG
AGACTCTGTCTGCTGCCTTGATCATCCGCGTTACCCGGTCACGACGACGCGATTGGAGAT
GGGAAGTCGGTTCGTCTGGGCTGGGAGGTTACAAATGGATAGCTTGCCGGACTACTTGCC
CGTTTGGCAGTAATAGCGCTGTGCCTGACCGCCTTGTTCGAACACCTGGGGACGCTGGTC
TGAGGCGATGTCACGCTGGGCGCGACTGGATTCGCGCGACTGGTGGAAACGATTAGATTA
CAACCCCGCCCTAAGCAGGTCAAAAACCACACGGCGGCATGTGTACTGCCCACATCACCC
ACAATCGTGCACACGGGGTACGATAAGTGATAACATGGAGTGGACACGTCCCACCGCTCA
TTGCACCAGAGTTGGAGCAGGTGGTGCGGCCAAATGCCGGCGAGGGGCGACATTGGCTGA
AAATTTCGGGGCAGTGGGTACAGCCGCCAGCAAGAGCCTCAACGGATGCGCATCCGGTGT
TTGATCAACGCAGAAAAAGTTTCGCCTAGGGAATCCCGGCGATACGTCATCTTGAGGGAA
AAGAAGGGTCCGGTGAGGAGGGGATGATGGCACGTAGAAATAGCAAAATGGCCCTGTGCC
CGCGAGCCCTGCCCTCGCAACATCCTCACGAAGCAACCGCTGGACGGCACAAGATTCCCT
CCCCACCATCACGACTTCCACGGCCGACTTGACCACCACCACCGCCACCATGCAGCGAGC
AAACACGACCGAAAGCCTGCGCACGCCCGGCGCCAGCATCGCGACCCTCAACCTGAACAA
GCCCCCGCGGCCGGGCATGGAGCGCGCGCCCACGTCCACCAACCTCACACGGCCGCTGCC
CATCCAGCGCCTGGAGGGTAAGGTCGTCATGATCACGGGCGGAGGCGGCAAGGTGGGCGT
CGAGTCTGCCGGCCGCCTGCTCATCGAGGGCTGCAACGTCGCCCTCATCGACATCGACCA
GGGTGCTCTCGAGGCTGCCGTGCCCGTCCTCAAGGCGGCCATACCCACGGGCTCGCCCAT
CGAGTCGCGCCTGCTCACCATTGTCGCCGACGCGACCAAGGAGCCCGACGTCGAGGCATG
CGCCAAGAAGGTGGTGCAACGCTTCGAGAGGCTCGACGCTGCCCTGCTCAACTGCTGCCA
TCGCGGCGAGTCCAAGAGCATCTTCGACGTCACCGAAGACGACTTTGACCGCATCATGAC
CATCAACGCCAAGTCTGGTATGTCACTCCCCTGTCTCTTCGACAACGTCATCCCCCGCTG
ACTCTTGACCCCCCCAGCATTCCTAGGCGTCAAGTACGCTGCTACAGCCATGCAGACCAC
CTCTGGCGGCGGCTCCATCATCATCCGATCCTCCATCGCCGGTCTTCGCGGCTTCCCCAA
CCTCATCTCGTACAGCGCCAGCAAGTTTGCCCTGCGCGGCATCGCCCTTACCGCCGCTGA
AGAGCTTGGTCCGCTCAACATCCGCGTCAACACCATCCACACAAGCATCATCCAAACACA
GGGCTACAAGGACGGCTGGAACAAGGAGAGGCTGGCAGAGCTCAAGGAGGAGACTGCGCT
CGACCGCTTCAGCACCCCAGATGATGTGGCCAGCGTCGTTGCATTCCTCGTCAGCGAAGA
CAGCAAGTTCATGACTGGTGGACATTTGAAGATTGACGGCGGCTGCGTCGCTGTTTAGAC
GTTTTATTTAGCCTTGCTTGTTATACTGCGATGATCGATATTTGCATTGATGGAGTTTGG
GACGCCCGCTTTTCTTCCGAAGCAGAGGCTGCATGCTTTGCACACGCTATCATCATGGAT
TGGAGGTATAGAGGCACATTATTAGACGGATAGAAATGATTCACCAGGCGGACATCTGTC
CCCACCTACTCCATTTGCTTGTACACACTTGCTCATGTCCCTCTGCTTGGGCATACTTTG
CCATGACAGCGCGTGACGTCACTGCACTGTCATGCTCCCCCTCATCTGGAGACCCATTGA
CGCAACATGCACCAACAGACAACACAATCCTGTGTCTCCACTAAGGTACACTAAATAGTC
GACAAATAGCTCACACCTAAGCTTCACAAGACTGCCCTGGTGCGGGATGCGCCATTAGGC
CCTGCACTACCTTGTTTCCGAAAATATCCGGTAAAGCTGTCATGATGTGACGTGCATTAT
GCTCCAGTAAGCGTCTGTCACCACTCGAATAGCTCTGTCTGTACTCCCGTCACTCATTCT
CACCTGACGGGTTCCATCACTTCAATCCTAAGGGCAACCCGAATCCTACCACATCACCAT
GTCCGAGCCCACAGCAACCCAACACCATCCCAAATTCCAAAACCACAAACCAGAACAAGA
TGCCGTTGACTATGAGATGCAAACATATACACGCGGGTTAGACTTTGAACGCCCACCACT
CACATTCCAGGCCGATAGATGGGAAGAATTGGCTTGTAGCCGCATATCAGCCGACTCCAA
AGGCTACGTCTACGGATCGGCTGGAGTACGAGAAACAACAAACAAAAACCGCAATGCCTT
CAGAAAATGGTCCATTGTGCCAAACCGCTTAGTAAAGTACACGGGTTTCCCTGACCTGAC
GACCGAAATCTTCGGCGAGAAAATGGTAGCGCCCATAGCCATGGCGCCAGTCGGCGTACT
GAAGATCTTCAACCCCCAAGGCGAAGTCGCCGCCGCAAAAGCCGCAGCCAAAGAAGCTAT

CCCATACATCCTAAGTACAGCGAGTAGCACGAGTATAGAAGATACCGCCGCAGCCAACGG
CTCCGACGGCCAACGCTGGTACCAACTTTACTGGCCCTCACGCGAACACGACGACATTAC
TATATCTCTACTCCAGCGTGCAAAGAAATCCGGTTTCACAGCTCTGTTCGTGACGCTAGA
TACATATATCCTCGGCTGGCGACCCGAAGATATGGATAATGGATACAACCCCTTTATGCG
CGCAGATCGTACGGGCGTGGAGCTCGGTATGACAGATCCTGTGTTCCGGAAACAGTTCAA
GGAGAGGCATGACGTGGATGTGGAGAGTAAGATGGAGACTGCGGCGCCAGAATGGATGAG
GACAATCTTCCCCGGGGAGAGCCATAGTTGGGAGGATGTGGAGTTCTTGAAGAAGCACTG
GGATGGGCCGGTCGTGCTCAAGGGCATTCAGAGCTTGGCCGATGCGAGAAAAGCGGTCGA
GGTTGGTGTGCAGGGCGTTGTTGTGAGTAATCATGGTGGGAGGCAGCTTGATGGTGGAAA
TTCCTCCTTGGGCGTATTGCCACATATCGTTGATGCTGTTGGGGACAAGTTGACAATCTT
CTTTGACAGTGGGATTCAATCTGGTGCTGACATTGCGAAAGCAATGGCGTTGGGTGCTGA
CTGTGTGCTAGTTGGTAGACCATACGTGTATGGTCTGGCACTCGGAGGAGAAAAGGGCGT
GGAGCATGTACTCAAGAGTTTGGTGGGTGAGCTGGAGCTGACGTTGCATTTAAGCGGTAT
CCAGAGTGTGCAAAAGAAGGACCTGAGTCGAAGCGTATTAGTCAGGGAGGACGCGCTTTT
TGAGGGAGTGAAGGGAGTGGGACTGCATTAGATTCCTCATCGTCAGGAGAGCGTCTACAT
CTCTATCAGGCAGCTTTTCTGGGTTGTGAAACTCGAGGCCGCTCTCGATTGGGCACTTTT
CACCTTCACCTTCATCTTGGCTATAACTCAAGTATTAACGCTTCACCCTGGCTTTAGTCA
TCTCCTAGCAAGCCACCATCACATCTCACTTCCCCTTTGAAAGCTACCCACTCGATATGT
GACCCATGATCAATTGTTAGCCACCTAGAGATGAAGAACTGGCGCACGTATATCTTGCAT
CTCTGTGCCTTGGTCTATTTCGCACCAACTTCAACCTTGCTCTACAAACTACTAGCAGCA
CTGCCCAGTGAGTCCAAGCCGCGATCGAGTCAACGTGACCGAGCTCGAACGACAAGTCGC
GTTGCTGAAGTCCCATGGCCTGATGGTACCGACCACAGATCCAAGAACGAGCAAGCGGCC
CGCAGAGGAATCGTCCCCAGAACCCTCATCCAAAAAGACAAAGCACACCACTGAAATTGC
TTCTGTGAGTACATACAATAAATGGACAGCGACGTGTATACCCAAGTTTGGAGTGGTCAT
TAACCTCCGCTAGAAACGCCAACTTCATGCACACTCTATCCTCCAGCGTGAATTTCTCCT
TCAAAAGGCCGAACTTCAAAGAACGAAACAAGAGCTGACAGCCGAGAAAGCCAAATCAGC
CTACAGCAGCAACCAGATCAAGTTGCTCTGTGTTCAATGCTGCAGATTGACCGACCGTTA
CCACGCTGCTCTCGCCTCCCACGCTTCTCTTCAAGCCACGTATCGCGACCAAACCTCCGA
GCTCCGTGCCCACAAAGGTGCCCTTGACATTGCCAACGAAGAGCTAGAGGAGTCTCGCAA
GGACGCTGATACCTATCGCGAGGCGATGTTGAAGCGAGACGAAGATTACGAGCTTGCGAA
GAAGCAACTGGAAGAAGCAAAAGAAGACGAGGTCTTGCAATGGACGGTGTTGACGAGCAG
GTTGCAATCACTTGGAAAGAGCCATGAGATGGGTCGCGCGGTTTATGACATGCTTTTACT
GCAAGTTGAGAGACAGTATAGCGAGGACAAGGTTGTGTTGGAGAGTGTGAAGGAGGCTTT
GAAGGACGCGTTTGGCGGATTCTTTGAGAGAGAGAGAGTAACCTGACTGGAAGTACGCCT
GGAAGGAGCTGCATTGGATATGGAGCGGATGTACGCCTTGCTGATGAAAGTGGCTGGCGG
TTTGGATATTCGACACGTGATAATGATTAGAGTTGCACCCCGCTTTTCTTGTGGTTCGGT
CTAACAGCGGTAGTCATCATCCCTACGAGAATGACTCTTTAGCTCAACTAAATCCGCATA
GGGACCTGTTCTTTTTTCCACTGAGAGGTGAATATCATGTCATTCTGCTGTCGTGAAACG
ATCTGAGCGATACAAAGCTCAATACTACGCGCATCTAAGGGTATATCATCGCCAACCAAA
TTTTTCAGATCTCCAGGTGCCGTCCAAATACATATTTTTAGCCGTCCATACCATATCATA
TCCTCAGATCAAATCTCATACCCGCATCATCATGCGTACGGTAGGAATAAAGTCTTGACT
GTCCTTCTCTTGCTGTTCGAAACTCTGTTTGAAGGCTGCCAACCCCGCGAGGATTCCGCA
AACCATAAAAATCAACGAGACAAGTGACCAGATGACGCCCCAGCATTGCGATGAACCGCC
GTACCGCTTGGCGAAGACGCTGGCATCAGAAGAATTAACCTTGCGGAGGATGAGGTCGTC
ACAGATGTCCCACACGCTGTATAGAGAAGACATGACGCCGATAAAGAGCTGGAAAGTTTT
TAGTTCGACGGTTTTCGAAGGGACGAGAAGGGGTACTCACGACCATGAACCTTAACGCTT
CGCCATGTTCGATGAACCAGAACGCCACAAGCAACCCTACACTGAGCAGAATGGTCACAA
TCGTCAACCAGTCTTTTCTCGCCCACCACAATGTCAGTAGGAAACACACGCCTAGCACGA
TACTCGCTACTTTGGAGGCCACGATGTTGAAACCGCAGAACGTAAGTAAAGCGCCGATCA
ATGAAGACCCCAAGTAGCCAGCAGGGAGAGTAATGAATTGCTTGCCGCCGCGCATGTGCG
TCACACCTCCCTCATGAGGATCAAGAGAGATTGACTCTACTCGCCCACCAGTACAACAAG
ACGTTATTGCATGAGAGAATTCGTGGAAGGCAATGACTAGCATCTGTGGATTCAATCAGC
CATCCATGTCTCCTGTTATGCTGATTTTGCAAGCTCAAGGAACCCGGTCATCAACCACAC
TGATGATCTCAATTCCAGACCATCTTCTCCTAGGGCTACTACGGTGCACATACCTTGAAC
GGCCACAACACCCATCGCACATACGGTAAATTCCACAACAACGCAATAGCAACAACATAT
GCAGCAATAACACCTAGCGTAACCCCTTGAGTATGATTTACACTCAATCCGCGGCGCTCG
AAGTGATGCGAGGCCTGCGAAGCGACAGCCGGCCCCGCTGTGACCAGGGCCCGACGCGCT
AATTTGGCGAGGTTGCTGGTGTTGTGAAGTGGTACTGCTGGCGGCATAGCTCCGTATTCG
TATCTTCCGGTATTTCAGTGTTCGTAGTTGGGCAGAAAAGAATCCTAGATAATGAGCGGC
AGAAGTGTAAAACGAGCGAGGACACTGTATCTTGTTGTTTGAAAGCGGAGAGTGGCTGGA
GAGAAGACGTGGAGCTGACGCGTTGCCGCTTGTGTTTGTGACATGCGCCACGCTAAAATT
AGCAGGGGTGGCTGTGCCGGCACCTTTCCGGAATGCAAAAGAGCTTCTCACATCACAAAG
GCAGCGAATTGTTAATGTGTTGGAATTGAATAAAGTCTAAATTATGTACGCCTCTTGGCG
GTATGTAGCGCAGTGCTAAAATGGAGGAGCCGCTAGAAGGCAGCGGCAGTGCGAGAACAT
CTCTAACCTGGACTGCCTAGGTAAAGATATCCTGTATTTGACCATGGGAGTATATTTAAA
CCCTCTCGTGGTGCGTTGACATGCCCCTCTCAGGCGAAGTATCAACATCTTTGTCGCCGA
CCTTCTCGGATGCAGCAGCACCAGTAGCACCAACAGCACTGTGACGACGCTCCCAATAAG
TGTCGTCACGTTCGTTACGGCTGATGTATCCAGCTGGGACCCACTTCTTACTGGTCCTAG

CCGATATGCTTGGGTCCGAGTACATGATATCGACATTCTCCAAAGACAATGATTTGGTCT
CGAATACGAAGAAGTAAACGATACCTGCCGCAACGAAGTTGCATGCGAAGAAGACGAAAC
CGAAGGCGTAGCCGATACCGTCATCAGCGTACGGTGTAAGGAAACCGATCAAGAAATTGC
CTAACATGGAGCGTTAGTGAATAGATTTGTTGTGTTGAAGATGTATAGCTTACCGAGCCA
GTTGAAAGCAGTAGCCAAAGAGGCCTGCTTCGCGCGAGTGCGGAGTGGGAACGTCTCTCC
AATGATAACCCAAATGAAAGGCCCCCAGGTAGAGGCGAAACTTGCGATGAACATGCAAGC
AGCGACAATCATAACAATACCGGCGGCCGGGTTGTCCTGTGGCGGTAGCACGACACCGAT
GATAGCAAAAATCAGCAGCCAGACAGCTTGCCACAGACCACCAACAACGAGAGGCACACG
ACGACCAACTCGCTCAATGAGCCATAATCCAGGAATGGTCATGACTACATTGACAGCACC
AAGAATGAGTTGAACCTGGAGAGGGTCGTCAATACCTGCCGATTGGAAGATGGTCGCTCC
GTAGTAGAAAAAGTAGTTGACGCCGGTCCACTGCTGGAAAAATTGCAGAGCACATCCGAG
AAGGGTTCGGTAAGCAAGAAGCGGAATGCCGGATGGCTGGCCAGTGAAGCATTCCATCCA
GGTACCTTGTCCAGCGCTCTGTTGTTCGTTGATGGAATCCTCCATCTCCTTGAAGTCCGA
GTTGACCAGCTCGTGGTTGGGGTCATGCACAAGGCCTCGGAGACGGGCCATTGACATGCG
TGCCTCTTCCCATCGTCCTTTACCCGCCAACCACCTTGGAGACTCCGGTGTGAAAAGTAC
ACCGACACCAAGAGGAATGGAAAAGCCGATTCCCAAGCCGATAACGATCCTCCAGGCAGC
GTCGCTATCCTCGCCTGGGTTGTCGCGGACTCCGTAGTTGATGATGTTGGAGATGAGAAT
TCCAACAGTGATCATGAGTTGGTAAGATGCGACGACGGCACCACGAATCTCTCGAGGGCA
TACTTCAGATTGGTACATTGGTACGCCAATAGACAGGATACCGACACCAAGACCTGCGAC
AATGCGACCAACTGTCATGTGTACCCAAGTGGTCATCGCGGTGACCTGGATGATGTTGCC
AATAACGAATATGGCCACACCAACGGTCAGATTGCGTCGACGACCGAACCAATCAGCAGT
GTAGGCACCAGCAAGTGCGCCGATGAGGGTACCGATGGACATGAGGGAAACAAGCAAGGA
TTGAATCGTGGGGTTGAAAGCCTTCTCGCCATTGCCCTGGTCCTGTCCGAATCGCTGAAT
GAAATCCTCAAAGATGAGCATTCCAGAAATTTGACCCTATCTTGAATAAGCCGTCGAACG
ATTGGAAACAGAGCATATATGGTACATACCGTATCATAGCCAAACAGGAAACCACCTATC
GAAGTAATCACTCCAAGTATGATGGCTTCAATGCCGCACTCGGCGCCGCGTATCTTGACA
GCACTGTAAAAGTTAGCACAACTGTATGCGTACTTCAACCGGATCCAAACCTACACTTTG
CCCAAACCCATGATTGTAAGATGACTTGACCACGGGAAGATTGATGTTCAAGGCAAGATG
GGGTTACTCGTCCGGTACACATCCATTCTTAAGTATCGATGCCAATTCCAATCCCGTGTC
CCGTTATGCGGTAATGCCCAGCATCGCGCCGAGCTTTCGACTCCGGGGCCCCTACGTCAT
ACGCGCCACGCCGTCACGCGAAATTGCGCGCGAGCGGCCTTACAGGCTTGGCTTGTCCTC
CTCCACAGCCAAACAGAAGTCATCCGGGGGGTCTGAAACTGCAGTAGTGGGCTTGTCAAT
GCGACGCAGCCGCTGGGGGACAAGGGGCGTGTATGTGGGGAAGCTGGTCGCGATTCGACG
GCCAAGCCAAATCCGCCCGACGTTCCGGGAAGTCCCCCCAAAGAGATACACAGCCTCGAG
TTCACATAGATCGGATCGTGTTCTTGCATGCTCATCTGACGGTAGGCGTTGTACAGGACG
TTCTGCTAATGCGACTTGAACGCCTCTGACACCCACCCCGCATTCAGATGCATGGCATAC
AACGACGAGCCTCAGGGACCGTTGTGCCGCACAGCCGATCCCCAGGAACCTACTGATAGT
CGCGTGACTTGTGGATGTCGACTCAACGACGCGTATTCCTCGGCCGGGCCCATGTCGGTG
AAGATACTTCACTTCAAGATGCGACAGATTCTCTCGGCAGTGGGGATGATGGAGATGTGT
ACGACCCCATCCAGGTCTGTGCAACCCTCAACACCAGTCTCTCTCCGACCATCCCTCCGA
CTCTTTAAACAAATGCCGCGTGAACCGGCATAAGCTTTGTCGCAGCGCTTGTTTTGATTC
GCAATCTCCGATCGCTTGCAGTCTTCCTCCGGTCAGGTATAGCGAGGGACCCGTTTTGGA
TGCAACGTAAGCCAGGTTGCGGCGACAGATTGGTTCGGATTGGTGCAGGAGGCCCACATG
AGGCTCAAGGAAGCCACTAAGAACATTCCATTGACTTGGCATGTCCGACCCGCAGCGGAC
GAGAAAGTGAGGCCGTAATCTCGGTAGTTCCCACATCGCGGAGTGGGTGTGAAAACTTTG
AGGGGAGCTTGCGTGTGGTGAGGAGAAGAAGGGGTTGCGGAGGCTGCGGAGACTGGAGAA
ATCTTCTCACTAAGTAGTAAGCACTGGGGACGAAAGCTGGAGACGAAAGCTGGAGATGGA
ACAACGAAACCAACATTGCAGCAACTTCTCGCACGACAGCGACCTCCGGCTGGATTTATA
GCTGACACAGTCCAACGTCAAAATTGCTTCGGACCTGACTCTCGCAGTTTTCCGCTCCAT
ACAGTTTAGCGCACCCGAGAGGTCGCCAGCTTCCGGTGCGGAAGGGAGTATAGACTGCAT
CGAGAACGCGGCGAGACGATACGGCTTGATGCAGTCTTCGTGTCTTTTACTGCGCCAATA
TCCCTGCGCCAATATCCCTGCGCCAATGTCTGGCTGCGTGAAAGACATTCATGGCAACTG
CGAGACGCGACGCGCTCCGCTAGGTCACGTGCGACCGTTTCTTGGTGCCCCAGGGCTGAG
CGCCATCAGTAGCGCTAGGGCGTGGTCGTGATGTCATGACATCGCGACGCTGAAGAGCGG
ATTGAGCATATCGAACAGGGAAACGTCGACAGCATATTCTGCAAAAAAGACCCTGGACAA
TACTCATTTCGAACTACCTATCACGATTCCTAAACACATAGCAAGATGGTCAAGGACAAT
GAAACCGTAATTGAGTGAGTAGCTTGTGTGAACTGAGGCGAAGCCAAGTGCTTACGGCGC
CCCAAGGGAATTCAACGAGCTTGTCAACATGTCAGCAGATGAGCTACAAGACTGGCTCGG
CAGCGAAGAGTCCGAGGGAGCCGGCTGGTAAACTCTCCTTCTAATGCAATGCTGACATTG
CGAATTGCATGGCATACACAGTCTCTAAGGTGCCTACAGGTCCAAGGATAACGGCTCCGG
CGAAACAATCGGTCATGATTCAGGCCGTAAAATTGTTGCCATCTTGCAGAAGAATCCAAA
GAAAGAAGCTAGTAAATACGACCAGGAAGACATCGATCACATGCGCAAGGTAGTAGCATA
TTGCAAGAGGCATCTTGCGCAAGAAGAGAAGGCGAAGAAAGACACCGATAGTAAGAGCTA
TAAGAGTTTGAAGAACTGGGGTCACGATGCGCAGAAGGCTTGAGCACAAGGTTCCTTGGA
AAAGATGTTAGGTAGATGAGTGAAGATTTGAAAAGACAATACAAATGGTCATGTATCGAG
GCCGTACGGCATGCACGTCACTATAATTTCAATAACACACTTCACTATATGACACCATCG
AAAGCGAAGAGCACCGGCTTCAAGACGTCCAGATTAAAAGCGGGGTAAATTGGAAGCAGT
GTTCAGGGACTATCTAGGTAGAAGCGGCGCATAGGACTAGTGTCTTGGTCTACATGACAG

TCGACTTCTTGCGGCCAGCAAAGTAATTTCCCTACTGAAAATTAGTTCCGCCTTCTCGGT
ATTCACGATCAGAGGAAGTTTACCTGCATACCACCATCACACGCAGGCTGCTCCATTTCG
TCTGTCTTTGTCCTCTCAGGTGGGTGTCTGCGCTTGAAACACTCGCCTACATGGTGGCCT
TCATCACAAGCGACAACCCATTGACCCATACCCATGTCCTTGGGTGCGTGCCTGACACCT
CTCCCACCACCACCTACTATCAGATTGCCAGGACGGTAGGTTGGGTCTGCGCGCATACGC
TTAATCACGCTGCTGTGGATAACGGCATTGGCGGGTATATCACGGGTCTCGCCTTTAGGC
AAAGGCCATCTGATTGCTTTCCAGGTTCCGTCTTCTTGTAGATCCATACGTCGAAAGGGT
AGATACTCCATTATGTTCCACGAGACGACGCCCGTACGGTTGGCGCCATTATTGAACTGG
AGAACATCATGGATACGGCCTTTAGTTGCGGCGCTGTGGAGGTGTTTATGGAAGTGTGTG
TTCGGGTGTTCACGGTGATGAGAAAGTATGTTGTCGTCGTCAGTGTAGCCTGCTGTATCC
ATGGACGGCGCATCCGAATTCTTGCGTGGAATGACTGGTGAGGGCGATGCAGGATCAATC
GCAATCATCGGTATGTTGTTTTGGGCTCGCAAAACGGTGGTTGTAGGTTCCTCATGGCAA
CAGCTCAGGGCCTCCAACTTGTCTTCGTCGAAGTCGAGACCAGCTTTTTGAGCCTCGCGC
ACCATCCACACCAGCGCTACGTGACTCAAGGCTGCATCATCGTCATCGAGAGGCCATCCT
CCGCCAATGTCCTACGCATTGTCAGTTTTGAAGGTCTATCCCAGGTAAAATGCACTCACT
GCATGACACCCTGGAAACCAGACTTCTTGAATGTCTTGTTCGCCATCCTCGTCTTGAGAG
TTGAAAGTTCCTGCTGCGTCGTACGATCGCATTGAAGGAGTAGCAGAGCCATGAACACCA
TCCGGTTGTGAGCGGTCTGCGCTACGGCTGCGCACGCCTGAAGTCTCATGTGGATCTCTG
AATCGCTCAGGCGGTGCTAACGTGTCCCGCCGACCTCTATCCTGGTGTTCCTCGTGATCC
TTTTCGTCGTAATCATGATCCTCATGATCACTGTGGATCATATCCTTCATTTGCTGCCGA
TGCTTGTGATGACGGTGTTTGTAAAGCATTGATCTGTCTGGCTTCTCCTGGGAGATGAGA
TCTTGTCTGAACTTTGCACGCCGTTCATCGATAGAGACCGCATGACGTATTACGTTCGCA
CTGCTTCTTGCAGTATACGGAAACCTGCTGCGTTGCATCCATGCATTCTCGAATGCAGGC
ACGCTGTTGACTGTATCAAAAAGACCAAGGAAGCGTATGGGTTTTACAGGGCGGCTGAAT
GTCTCCCTGAACGCGCACATGAATTCAAGAAGCTTTAGCTTTTCTGATTTCTCGCCGGAC
TTGCGGCTTTTGCTACCCTTCTCTTCCGGCAATCGACATTGCCACTTCTGAAATGTTCTG
ACCAAAAGTGTAAGTGAGGGTTTTACAATGACTTCAGGCTGTACTTACTTCCATGCGAAC
TGGCACATCTCTTCATTTCCAGCCTGTTGCATGTTAGAAACTTCTTGATATATGGTGAAC
AAGCGCTTACAGAGAGAAGGCCAACATGGTCGAGCATCTCCGCAAGGAAACGAGCTGTGT
AGGCACCTCGTGAAAATCCAAAGAAGAATATGTCATCGCCAGGCGTATAGTATCTCATCA
GGAACTGTCCAAAGCGTGTCAGTGCTATGCGCCATGGTTGCTCCTTCAAGCGAGCAACCG
GAGCTGCTGCTCTGTTTCATGCAGTTAATTACTAACCTTATATCCTGCCATAACGTGCTG
GTCGAATGAAGTTCCTATACTAGATTAGGTCTCATGCTTGGCAGCCAAGTCCGATCGAAC
ATACCTATCGCGCTGTCTTTTGCCTTCGCATACCACGACTGAAACCTCTCCCATCGGCCT
GTTCGGGTCATAGATCCATTGGCTTTCGTAACGTAGGTGCCGATTCCGGGCTGATAGTAA
TGAAATTGATCGTCCCCATTGCGATCGAGCATGCGATAAATCTTCAGGATGTTACTATCC
GAATCTGTACCCGAGAACTTATTACCTGTACCATCAAAGCACAGGACAAATTTCTTGGTC
ACATGATTCGGACGTCGCGATACTGCTCCGTAATCCATAGGGTTGTTGTTAGGTGTTTGT
GCGGGAAGCTGGGGTGAAACGCTAGGGAGGCGTGACTGCTCTGGGTTTATACGCGCCATA
CTGACAACGTGGAACTCGAGCAGGAAGGGGATTCTGAGATGGTAGCAACTTCGTAGTTAG
AACGAAGCAGTTGCGAAGCATTAGGTAGCCAAGTGATTTCTATCATCGCGGGGATCGGAT
GCAGTGGCCTAACACAACTGACGCATGCTCCCCTCCGGCCTGTTCCCAAAGCTTCCGAAC
GCATCAAGTCACGTTAAGATATTGATCGCCATTGCTAATGCAGCTTGCAAAGACACTCGC
CTATCGACATGTCGATGTCGCGTGTGGTGGGTTCGGAGTAGTCCCGCCGCTAATCAGGGG
CCGCTGATCTTTTCGAAGTGCCGTCCGCCCTACAGAGGTCATTGATTTTGGAATGGCTGA
TACGAACTAGCTACCATGCACTGTTCCACGCCCCCGCTTCAAGTATCTATGTAGATGATG
TGGAAGCAACACATATGTTGCAGCGTTGGCTGACAGGAGACACGACAGATGCACCGCATG
CTGCCCCGTCTTCTACCGTAGTTGATCGTGAAAAGAAATCTGGATAACCCTTTCACCGCA
ATTGAGCCAATGTCGTTTTCCGGCCACCATCCTGGCTGAAGGTAACCGATGCACGCAATG
ATACGCGTTCCGACAGAGAAGCCCCGCAAGCTAATGCTGAGTGCGGTGCAGGGAATCACA
ATCGTGTCAACTTCTATTGGTTTCATAAGCGTGCGCGTTCAACACAGCTGTGCCGATCAG
AGGATAGTTGCTGGTGTAGGTCTGCTCGCCGACATATGAGCTGGAAAAGCACGTCGCGTC
GTTTAGAGGTGGTTGGCGCTACCCTACTAGCGATCACTTGTGGGTCATGGTCCGTGCAGA
GCCGTCTCGATTCCCGTCTTCTCGACTATCGATCGCACTTCCCACTCATCGCAACCACCA
CCGGCGTCTTGGATGAACCGAACAGTAAACCTTACGGCTTCGGGACAGGCCGTAGGCCAC
AGACTGCGGATGCTAGTACTTAGCTCGATACCGCACCCTGCTCGGAGATTTGCAAGCTCG
CGCTCCAGTTGTTGACCGCCACCGCATCAGCTGAAACTCCATTTCGTTTGTTCACTCGCT
AGCAGATGAATGCGCGACCAGCCGCCGGGAAATAGGATCGGTCAATTCCGGGCCCGCAAG
CGCTAATATCCCTCCCTACACAGCGGAAAACCCGGTGGGCCGGAAACAGCCAATAGAAAT
GCAGAGATAACCGAAATCTCGAACTAATACAGTGTCTGATTGGCTTATTCCGGCCCACCG
GTTTTTCCGCTGTGTAGGGAGGGATGGTAGGGGTTTCTTCTACTACTCAGCCGAAGGCTG
CTCAATCAGGATGCCGATCGCTTGAAAGTTTATCTATGGCTTTCGTCTACGTCTCTGTTT
GGAATGGTCGCAAGATCAGGTCGCCGTTTCTGTCTATCACGTCGTCGACCGCCACCTGCG
CAAAAGTGCACATCCAGTCTGGCATCAGATTACCAAAATCATACCACAACGGGTCCCCAG
ACAATCACTGGGTGCTGAAGCCTGAAACGTGGCAGGTGTACCCGTGCGGCATACACATTT
CTTTTGAGCATGCTTCGTGATGTTACAAAAACCATCCACGGATCATCACAGGTGGGCCTC
TCTAGTTCCATTCCCAATGGGGCCAATGGTGCTGCTACGCTGTGGGTCCTATCGACGCTG
CCCACAGATCGTCTCTTGGACTTACTCAACACCCCTCTGTCAGTTCCCAGTGAAGGTAGC

CCAGCATCCGTCTAGTGCTACCCTCCACAAAGTAGCTCATGACCAATCAACACTCACATA
ATTGCAGCTATCAAAGCTTTGACAATATCAAGATCAAGACGCTACTCTTTCCGCCCTGGT
GCATGCATGGGTTCACCCGCCCTCACTAAAAGCCGTAGGACACTGTTCGCCAAGTGCATA
TGCTGATCAACACACCGAAGCTGCTAGCGATCGTCGTCATGGGACTGGCTCGTCGCTGCT
TGCCATGGCCAAGCTCTCGTGTGGGGAGCATTGCGCCTTCCAAGATCAACAGCAAGCTGC
ATTGAACTTACTTTCTGACTTCCCTACCGTCGTGGGATTCATATTCTGCCCATTCCCTTC
CTTTCCACATGGTTATTCGCACAACTATTCATCATGCCTAGTCAGATACAAACATTGATC
GGAAAGATCAGGAGAAAGCCTACGCAAGCAAGCGATGGCAGAACGGCGGAAGCCGCGAGC
GGGCTGAAGAACCACCAGAAGACTGGCATTGTCAGCGACATTAGAGGTCTCGGTGTTAAG
GATGCCAAATTCGCTCTCGACGCTATTACAACATTGGCATCAGGCGAGCCTTTGGACGAT
AAAGATCTTCTTCTCGAGAAGGGAGTCCAGATGCTACAGGGACTGCCTCTGAACAGCGGT
CTCAGCGCAAAAGTCTCAGACGGTTTTATTAGCATGCTCTGGAATGACTTGCCCCACCCA
ACGCCTACACATGCTGGACCTTCAGCAAGATACCGGAAGCACGATGGCTCGGGAAACAAT
CCTCACAACCCTGAAATGGGCAAGGCAGGATCGCCGTATGCGCGCAACGTGCCTCCGACT
AAACCGAAAGGTAAGTAATCCTCCTGTACGACAGACTTGCGAATTGGGACTGACAACTAC
TTGTAGGACCAAACTTGCCCGACGTTGAAGACGTGTATGAGGCGCTCCTCAAGCGCGATA
GGCCTTTCCGCGAGCATCCTTCTGGCCTCAATCGCCTGTTCTTCTCTTTCGCAACTATCG
TCATTCACGAATGTTTCCAAACCTCTAGGACAGACCCTTGGATCAACGAGACTTCGAGCT
ATGTTGACCTCAGCACCTTGTACGGCAACACAGAGAAAGAGCAGCCGCGCGTGCGAACAT
ACAAGAATGGCCTGATATATCCAGACTCTATCGCCTCGGAGCGCATCATGATGATGCCTC
CTGGTGTAGTCGCCGTACTTATGATGTTCTCGAGGAACCACAACCATGTTGCGGAATCAT
TACTGTCAGTGAACGAGGACGGCAAATATAAGCCGTGGGATAGTTTAGACGAAGCGGGCA
GAAAATGGTAAGTCTTAAACACCTTCCACTCCCTAAATGGGTCTGACACGTTGTTAGGCA
AGACGAGGACATCTTCCAGATTACTCGCAATATCAACGTTGGCTTCTTTGCTTCAGTCGT
ATTGAAAGACTACGTCGCTGCCATCTTGAACACCCCACGAGCCAACTCAGAATGGTCTCT
CGATCTCGGTAAAGAGATCAAACAAGGTGGTACACGTGTCGAGCGCGGAACTGGCAGTCA
TGTATCCGTGGAGTTCGCTGTTCTCTACCACTGGCATGCTGCTCTCAGTGCTGCCGACGA
GAATTGGATGGAAGAAATCATCCGTTCCGTTTTCCCCGACTTACGTCACATCGACGATGT
AACAATCGAGATGTTCCACAAGGTTATGAAGGTGTACGGTCACGACTTGATGAACAAGAA
GCCCTGGGAATGGACCTTCGGAGGCCTTCAGCGAGGAGCCGATGGCAGATTCAACGATGC
TCAACTCTCAGAGCTGATCAAAGACTGCATCGAAGAACCTGCTCACGCTTTTGGTGCTCA
TGGTACCCCAGCCAGTCTCAAGGTTGTCGATCTCATGGGTCAGTTACAAGCCCGTGAGAT
GTTCAATGTCTGCACACTCAACGAATTCCGTCGGTATCTTAATCTGAAGCCGTACGAAAC
ATTCGAGGATTGGTGCTCTGACAAAGAGACGGCGCGGGCAGCCGAGCTTTTGTATGGTCA
TATGGAGAATATGGAACTCTACCCGGGATTAATGGCTGAGTGCACGAAGCCCGCTATGCC
AGGAAGTGGCGTTTGTCCCGGTCAGACAACTGGTCGAGGTATCTTGGATGATGCTGTTGC
ATTAGTCCGCGGTGACCGTTTCCTGAGCTACGACTTCAACAGTAACACTCTTACGCAGTG
GGGCGCGGCTCTGCTGTCAGAGAGTACACCAGGAGCATATGGCGGCGTATTTCCCAAGTT
GCTCTTCCAGGGTCTTCCAGGTGGATTCAAAGGAACTTCCAGCTACGCGCTGCTGCCCTT
CTACACGCCCAAAGCAGCTAAAGAGATTCTGACAGGCAATAAGGTGGTTGAACAGTATGA
TCTCAGGCGCCCTCCGAGCGATTACGACATCATCAGTGTCCAGACGCAAGAAGGTTGCAA
GAAAGTGTTCGAGGACCGTGAGAACTTTGTTGTCATGTACCAGGCAGCTATTCGCAACTG
CACGGCTGGACATGACTTCATGATCGGATGGGACGAGCAAAAGAAGCATGACGAGCGGTC
CAAAATCCTGCATAAGGTCTTCTTCGAGGAGGGTTTTGAGAAGAACATCGATGAGTTCTT
CACGACCAACGTACGGAAACTCATCAGGCAGAACTCACTTAAAGGCGCCAAGGGCAGAAT
GAGTATCGACATTGTTCGCGATGTTACCAACATCACGCCAATCCTCTGGCTTGCAGAGCG
TTTTGCACTTCCGCTGAAGACACAAGAGCAACCTAGAGGGTTACTCTCTATCCACGAAGC
GTTTCTCGCATATCTTGTTCTATGTAAGTTACAACACCAGCCATTTCCGATGACGAACAG
CCGGCTAATTAACTGCTAGTCATGTACCAATCCTTCAACATAATGCCACACAATGAGTGG
AAACTGCGAGCAGGCGCGATGCAGGCCGCAGCACCACTTCGCTCGATCTTCGAAACCCAC
CTGAAGACACAGACAGGGCGTCTTGAAGGCTTAGTAGATTGGATGGCCAAGGGCTCCGCC
TTTGAAGTGGGTCCACACGCCGACCGCATCTACCACACCCTTGCCGACACCAAGCTGCCC
ATTGGCGACTTGGTAGGCGACTGTATCGGCATGGGAGCACCCGTGGCCGGAAATCTGACC
CAGCAAGCCAGTCTGCTAATCGACCTATTCCTCTCGCCCGGGTACGAAAAGTACAAGGCG
CGAATCGTGGAACTGTCGCACATGGATCCCGCAAAATCGGACCGCGAATTACAAGGTTTC
GTTTACGAGGGTATGCGCCATGTAGGCGTGGTTCCTGGTCTCCCTCGCGTTGCAACCCGA
GACATCACCGTCAACGACGGTGTCCGTGGCCCAGTGTCCATCAAAAAGGGTCACACGATC
CTCATTGCCACGTCCAAGGCTGCCATGGACCCCGTTGCGTTCCCCAACCCTGAGATCATG
GATCCCCACCGATCATTTAAAGAGTACACTCTACTCGGCCATGGTCTACATTTCTGCTTC
GGCGCGCGCCTTGTCGGCCCCTCTCTCGCTGCCACGCTTCGTGAAGTGTTCAAACTGCCA
AATGTACGTCGCGCACCCGGTAAGCAAGGACGTTTTACCGTTACCGAGCATAAACTCGCG
GGCATCACGATGCGGCATTATCTTGATTCTAATTCAAAGGAGAGTCCCATTCCGACAAGT
CTGCGTCTACATTACGATAGCGAGGATGTTGTTGCTAATGGACTGAATGGCCATGCCACC
ACGGGCGGGCTTACAAACGGACATACGAATGGGCTGGCTAATGGCCATGTGAACTATGCC
TCCAATGGGCATGCAAACGCTGGTGGCGATAATGAGCATGGGAATGCTTATACGATTGCG
CCTTAGGAAGGTCCAGGGCCGGATCCGCGTCCGGGTCCAAGTCGTCCGTCGGTGTCGTCG
TGGTCGCTGTCTTCGAGTTCAAGCGATCTGCGAAGACGGTCGGCTGGAGTGTTCTGTTGT
AGGAGTGCAAGGGAGTAGGGTGTTGAAAGGTGGGAGAGTCAAGATAGCATAAGAGACGAA

GGAGGAGGGGAGTTCATACGTTAAATTATTCGCTAATCCTCATCGTGATGATACCACTGG
ACGTTTAGTTTGGCTTTAGTCCTAGCGTAGTAAAATTGATTTGCTGCATGCTTGCCGAGT
TGAACCTCCAGTTTTGCGTGATACATATTGTGATCCAGGAGATAAGGGAATGATCGAAGT
GAGGCATACTATCAACACCATGCTTCGTGCTCTCTGCTCCTGATCCTCGCCTTAACAGTA
TCTTGCCACCAGTCCACAGGGTATCAAACGGTGCAATCAACGGATCAAGCATCACGTGCT
TGATTGATGCCAACTCCAATTCTACTAGCCCAGTACTCTTTGTTCGAGGTTGTCGATGTA
TATAAAATACTACAGCCACGAATGAAACCATAAGATACTATGGTCCGTTCTTTCTCTCTC
ATAAACGAGCTCCAGAAAGAATGTCATAACAAACAAAACACACCGGGTAAAACATTCTAT
TTTGCTGGTGAAAAATCCTCCGACAGCCATACATGTCACACATAACGCCATGCTTCCCAA
TCCAACATATTGATACACGAAATCTCCTCGTCCTGCAAAAAGAATAAGAAACCAAGACTG
GAACAGCCCAAGAGACCCACATAATAATCTACGCCATCCTAGGCAAAGGTGGAAGGGTAT
TAGAATCCCACCTCCTCTCACCCTCCATATCAACATCGTCATCGCTATCCTCAGCACTCT
CATCCTCTAACGCCTCCCTCCTCTCCATCTCATCCACATCCATCAAGTCGCCATCCTCGT
CCTCGTCATCCTCATCTTCACTGCCGATAACAGGTCGCCCTTCATTATCGTCTGGTAGCC
CAATGCCCCTCTCCCCTTTGAGCCTCCTTCTAGACCCACTCTTTCCACCTCCTTCCCAGC
GATCTAGACGACGCAGTGCCCTACTAAGCATCTTGGCGCGGTAGTAAGATTCCTCGCCGT
GGTCGTTGACTTCGCCGCCAAAATCCAAGGGAACGAGACCAGAGGGCATGGGCGGCGGGG
TCTTGGTACCGAGTTCGTAGTCGGAGAGTTGGGCGTATTGTGCATGCGATTCTTCGTCTG
TATCGTAGCCATCTGCCATGCCTTTGCAGCGGATCCAGCTGCGTATGAAGGGGTTGGCTT
TGCGGCGGCGTTTTGCGGCGGCGGCGTATTCGATGCGAATTCCGCGGTCGAGGATGACGT
CTACGCGCCGTCGTCGGTACTGCTCGACGGCGAGTTGGTGTTGTGTGAGGGGACGGGTTC
GTTTGTGCGACGGATCGGAGCCGTTGAGTGGGAGGTAGAAGCCGTGTGGGCCGTTGAAGG
TGGGCGCAGATGTAGAGGGGGATTGGCCGTCTTGCGAGGTTGGTGCGTCGAGTTTGGTCT
TGAAGCTTCGTGCTGCTGGTGTTCCTCCGGCGCCTATGCCTGATGTGCGGTTGCGGGACC
AGTTCCCGCGGCCAGGGCCCTTGGCTGCGGGAGATGAGGCGGGGCCGTCTTCGTTAAGGA
GGGTATTTATGCGCATGTTGGGCGTAGCCACCTTCTTCGCTGTATTGTAGACGCTGTTAG
GAGGTGATGCTGAGCGGGTTCGGTCGGTGTCTGAGGGGTAATCTCGTTCGATGATGGATT
TGGCAAGCTTGCCACGTCCTCGTGCAGAGCCTATTGATGTTAGAAGAGTACCGCCTCAGG
AGTCAAATCTATGGGACTTACCATGGGATGGCGACTGTCTGTCACGCCCAGGTGTCGAAG
CACCGTCATCGGCGGCTATTGAGAAGACGGGGTTTTGATTGAAGCCTTGAGAAATGTTAG
AATTGGTCCGACGTGGGGCGAAACGCATGCCGGTTGGAGTGCTCACCCTTTTTGTTGGTC
CGTTTGGGGCCTGTGACGACTGGCGCCATGTCGCTTGCCAATATAGCAGTCCTCTCTTTG
CGCTTAATCTCACCAAATGTCTTCTCTTCGACCGAATCGACGTTCTCCAGGGCCTCTTGC
TCGGGCGAAAGTATCTCGAAAGGCGGACACTTGATGGGAAACTCGGCTGTAGTCGGGTCG
TCGGCGGGTCCCATCTGGCCAGGGCCAAAGGGATTCTTCTCGGCGGCTTCCTTGGTGAAG
TCGCTCTCGAGATACCACCACATGAGCCATAGGAAGGCTGTGGCTCTACTCTTGCTGCTC
AGGTTAGAGCGCATGACGAGGTCGAAGAAATCGCGAGGCGGGAAGAAGTGCAACTCCGAG
ATCTTGGGCGCGTATTGCGACAGGACAAAGATGAGATTGACGGGGTTGGTGCGAGGGATG
GAAGCTGCCATGATCTCCTCGATGGTGCTGGGCTGCTCTTGGTCCTCAGTCGCGCCCTTG
AGGATGGACTTTAAGCGCGGCGCATCCTGCAGCTGTTTGTAGGCGTTGGGGTCTTGGTGG
GCTTGGAGGGAGGGGATGGAGTGGTAGGTCCGTAGCTGGGCACGCATTTCGGGGAAGACT
GTGACATGTTAGAGGAGAGGTGTCAAGAGTCGCACATGTGGCCTACAGTTGAGTGTGGTG
TTCATGCGGCCGACGTTGACGAGCAGACACACCATGGCCATGTTGATGGCAGCCGGGCGC
TCGGTCAGAAGCTTGTCCTTGAGGATCTTGCTGCACTTGCTGCTCTTGGCCATGGCATCG
AGGTAGATGTCGGCAAAGGTGTGTCCGCTGGTGCTGTCCGACTGCTTGGTGAAGACGCGC
TTGTCGTCCTCGAAGACGAGCTTGAGGAAGTCGAACTGGATGTCCTTGCGCCACAGGGGA
ATACCATCGTCCTTCTTGAGGTGCTTGATCTTGTTCCCGCTGTAGACGGACGACACGCTC
CCGTTGGCATTGCGGCGCGTCGTCGTCGTCGTGGCCGTGTAGTAGGGCCGGGCAGGGTCG
TTGTCGTTGGCTGGGCGCGAGGCATCTGGCGCATCGCCGCCCGCTTCGCTCTCGTCGGGG
ACGGGCGTGTTTGCTTGGGATGCGTCGGGCTTGGAGTCGTCCATTTGGGGGTCTGCGGCC
AGAATGTGTCGTAGGCTGTTTCGAGAGTCGGGCTCGTCGGCGCGCAGAGGCAGAGGCTTG
TCGTCCATGACTGTGACGCGATCCGGGGATTAGCTCTGGGTGCTCTGTGTCTGGTTCCAC
TAGTCGTGCCTGTGCTGGTTGCGCTGTGGGATGGGATTGGTCCTATGACGCCTGAACTCG
CGACCTGGCTTGCTATCCCTGTACCGCCAGACTTGTGTCTCAAACAAGCAAATACGTCAA
TCGCAAAGGAGGAAGATGCGGCCATGTCCCGAATGCGCCTCTGACGCCCAAGCTCAGCCG
CTAGCCCCCCGAACCAACGCATATCGCTCGACGCCATCCCATCACGAACCTCACACGTTT
GCAGACAGACTTCATCGCGACGACACAAACACCATGACTTCAAACGTCCTTGCAAGATTC
AATTCGTTTTCCATCTGTAGTAGCTAGATACTCTACTTGCATAGCCAACCAGCCGCTCAG
ATGCCCAATACAAGAATCCTCATCTAGCATGTCCACGCCAAACATGTAACAAAAAAGTAA
CCAGGATATCTCAGCGAAGGTAGAAACCAAAAACACATCGCAAAAAAGCGCCACGCTAAA
GCCAAAGCCAAGCTGCCGCACAAATAATCCGAAGAGGGCGATGGGGTATGCGACACAGAG
AAAAAGCAGACACACAACTCCTCGCGAGTCGTTTGTTTGCTTTCCCTGTCCATAAAAACG
CCTGGTATCGCTGGGGAAAATATCTCCGTTACAAGACATGCGCAGGAAAAACAAAGGAAG
AACCAAACCAAGCCCAAAGTCAAACCAAAGATCCAGTCCGTGGTCCTGAATTAAGAATCC
AAAAATTAAACACAAATCTTGGTATACACATCCCTTCATGTATCGTTGTTCGTTGTTCGC
CGGCCTAGTCCGAGTCCGAGGCTTGCTTCAACTCAGTCGAATGCCGTTTCTTCTCGTACC
ATTAGGGGGTTGGGCGTGTTGTTTTGCGAGTACATTCGTGGATCGTATCGTCCATCTCCG
CGTTGTTGCGCGTTCGGTCCACCCGAGCCTTTGCGTTGGCCACCCATGCCCATGTTCATG

AGGAGCATGCCACTCTCTCGTTTTCGTTGCCGTTGTTCGCGCGCTCCACTCGACTGTACC
ACTCCATTCAAGCTACCGTAGCCCTCGCCAGAATTATAAGGTTGATCGTAGGCTGGGGTA
TCGTAGCTGGGGCGCATCGGAATGAAGCCTGAGTCGTAGCCGCTATATTGACCCTGCTGT
TGTTGGTTACTGTATTGCTGCTGTTGCTGTTGCTGATATTGCTGTGGAGGTTGCGGAGGT
GGATAGTTGGGAGCGCTGTTTCCTTGGTAGCCTTGAGGCGGTCGATCCATACGCTGCTGG
AACGTTGTCTCGTTGTACGCAGGCGTTGGGAGATCAGAAAACATCTGCCTCCTTGGGGAT
CGAATAGCATCGTCACCTAAATGAGACGTGTTATTCCGAATCTCGTGGATCGGAGAGCTG
GCTTCGTCAAGAGCAGCACCAAAAATGTCGGTATAATCAGTAAGGAAGAAAGATATCAAC
GGAGCTGGGATGTTCAGAGTTGGTGCAAACACTATGCCGACATTTCGCACTGTCATCTTG
TTCACTCCCGAGTTGTCCACAATCTCAATCAGGAACGATGCGAGGTGTCGCAACAGCTCA
AAGTTGGGCCTAGGGAGTTTGTGTACAAGAACGTTGAAGCTCTGAATCTTCTTGCTACGC
TCGTCCATGTCTACGATGTGTTAGCGAACTATCTATTTCCATCAATTTCAAGGCCAAATA
CTTACCGAGAACCTTGAGGAAATCAAGATGCAGTTCCCGAGTTAGAACAGAGGCCGGTAG
TTCTCGCAAGTACAACTTCAGTAACGACGCAACGGCGTGAACATCGTAGTATTGCCCGTC
CAGCAGCTTGATATCGCCTTCGTTGTTGAATCGATCGCGTAGGCCCTTGATGACAATGTT
CGACCCACTAAGCCTGAAGATGCCTTCTTCGCTAATCGCCTTCTTTGCTCGAAGGTACTC
CAAGCATCTGTAAACGACAGCTGGTATCGCCACATTGACTCCATCAGGCTGTGTGAACTC
TACAGCTTCCATAAGTGGGATGCCAAAAACACTGCGGCCCGGGGGCAGACGATGTTCCGT
GGTTGACTGCAGTGGGGTGCTGATTTGTACTGGCGCAAGGTCGGAAGAACCGCCGCGACC
TCGGAAGCCGAATATGCTGCGTTTCTTATCCTTGACTGCCGTGGGTCCCGCCATTAGCTT
GCTGCCCCAGCTTTCAGAGTCCTTGATTGGGGTTCCATTGCTGGGTCCAGAGATGGCAGG
ATAGTGACCTGAGTTGTCTTGGTGGAAGGATGATTCCTTGGGGGAGCCTCGTGAAGCCTT
TTCCACCATCATGTCTCTGTGGTTGGGACCGCGAACAGGCGCTTGAGCTTGAACGGCGTC
ATCATAGCTGAGGCCTTGTAAGCGATCTTGCTCTGCCACATCAGGGCTGTCTCTCCGCTG
CGAGCGCGTTGAGTCTTGACTGGCCTGTTGCTTTTGTAGACGTGTGGCAGAGGGGACACG
AATCTCGATTGGTGAAGTTTCATCTGGTATGTCGACGTGCTGCAAAAGCGCCTCAACCCA
AGCATCTCGCTCTTCATCGTTCTCTGCACACAGCACATGGCGAACTAAGCTTGTCGAGTC
TTTCCGCTTTGGTTCCAAAATGAGGAAGGCATGTCGATATTGATTGTCCTCGGAGTCATC
CTTTCGTTGTGGCGATTGGTTTGACTGCTGTTGTGACTGTTTCCCAATTTGTGCATTCTG
CAACTTGATCGTTCCCAGATGCGCACCACCTTCGCCCTCGAAGTACCTAAACTCCGAGCC
GTCCAGAACGAAGAAACGTGCCTTCCAGCCCCCAAAGTTCTTGCCACGCTTAGTAAGGTA
ACCGACCTTGCGCTGCGTTCTCTGAACAGACACCGTTGGACCCGGTGTGGGCTCGGGGGC
CAGTCTGTCACCAGCTTGTGCACCAATGACATCAGTGGAAAGATATTCGCACACAATCAA
GGCTGTCTTTTCGTTCATAGGGGTTTCCAGAACAGTATCGAAATATTGGTTCAGCGCGAC
CCTTCGAGCATCAATCTTGGCAGGAGCATGACCCCCGAAAAGACCACGATCTGGGAGTTG
TCCCTGGAAATCGCACATGGACCTCAGCTGAGAGTCTAGAGAGGGTAGCGTAGCAATCGT
TTTCTCCACACGCCATAGCTGTTTGTTGTCTGAACGAGCGTAGACGGCGAGAATGAAGAC
AGGGTCCTCCTCCTGTGGTTTAGGAGCTAGCATGCTCATACGTGACGGCCGAAGGCGGGA
CGAGAAGACCTTGACTTGAATAGAAGGTAGTGCGTTGGGAGGGAGCAAGAGTCCAGGGTA
CTGATCAGAGACGAGTCCACGATAGACATGCTCTGCATCTGGAACATCGTTCAAGGTAGG
GCTACTTGATGGCGATTCTGGACTAGGTTGCGCACCTGGTACTGTCAAGAGGCCTGTAGA
CGACTCTTTGCGGAGCTGATTAGAATGTTGACTCTGGTTGACTGGAGGTGACTGGTAAGA
CTGAGGTGTGTTTGGCGGGAGAGGAACTTGGTGCTGTACCGGCCGTCCAGCTGATTGACT
GGTGGTAGTTGGCGACATGGGCGGTGATGCTATCGACTGCTTAGGGTTTCTTGGTAATGG
TGACCCTAGTGGCCTATCAGTAGGTCTGGGGCTGGAAGGAAGTCCTGGACTCATGAGTGG
CGATGCAACACTCCGGTTGGCCATCATAGAACTATCCGAGTTGGCAGGGCTGAGAAGAGC
ATTTAGAGAGTTGGCAGGTGGGTGACGGGGAGAGAGTGGAAGGCCCGATTGCAGCGCATT
GAACTGACGCGGCGAAAGGGGAACCGGGACCGCCTGAGGTTGATCGTCTGCTGGTGTTTC
AGATGGGGTCGCTTGTTGTTTGCTCTTGCTTTCGCTTTTCTTCTTCTTTGACTTGCTTCT
AGCTTCCTCGTCTTTCGAATACATAGCTTCGCGGACTCGATCATCTTCCTCCCGAGTCTT
CCTCCTTCCCCGCAGTTCCACAATAGGTATCTCGTCCACTTCCAATGTATCATCGTAGTC
TGAATCAACATCGTCGCCATGCACAGCTTGGTGGAGATGTGCGCTAGTCGTAATGGGTTT
CGAGAGGTTGAGCGGAGCTGGCGGGGCCTTGCGCAGAGGTTGTGGAGTCTTTCTGGGAGG
TGATTCGAAACCGTCACCACCAATGACAGGCGTGGCCTGGATCAGCGATATCTGTGGAGG
CTGGAGCTGTGAATCACTTGGGACTATCGTCACATCTGAGTTATTCTGGGGAGGCGTAGT
CGGCTTCGAGGCCTGTTCTGGAGGTTGAACAGCATCACCGGGCTGCAGCAATGTGGCGTC
GAGGCCGAGACCTTTGCTACCAAGGCTAAGGGGTTGTACGGAATAGTCGGTGGGCGAGTT
CACGGCTGACGACAGATTCGATGCGGTGGAGTGAGACGGCGAGGTCGCTAATTGCGAGTC
TGGTATGAGATGTGGCGCGGGGTGCTCTTGTGTCAAGGGCGATGTCTTGTGCTCCCCGGC
TTTGGAGTCACTGGGCCTAGCGGGCTCGCCAGCTGGCTCACTGAGGGCTGGCGACTGGCT
AGTCTCGCGTTCCACGACCGAGTCAAAAGTGTCGGACTTCTGTAGTGAGCCAGGACCTGG
TGGTACCTGTTCGGCATACTCCTTGAACTTCCTGCGGTAGCGGTCCTTGTCCTTCAATGC
GCGCTCGAGATCTTTCTGCAGCCCAATGATCATGGACCGTTGCTTCTCGACCAGCCGCCA
GAGCTGCGCATTGTGACTGGATATGTTCTGCTTCTCCTTCCACAACGCCAGCATCGCAGC
CTCTGGTGAGCCTGCTGTGGCTATCAGAGCGGCCATATCTGGTGGGTTCGCCGTGCTCGT
ATCTTGCGACGGTCGCGTCGCATGGTTGGCAGGAGGGCGGTTCTGAGAGGCAGTCGAAGA
TAGCGACGATGCTGCTGAATCTATTGAAGGGTTGCGGACAGGCACCGTCGGTCTCGTCTC
AGGTCGGTTCGGCCGCGATGGTGGAGGCATGGTGACGGGTGACGCTGGTGGGGAAATTCC

AGCCGAGGACAGCGTGGGTGACGACACCTGCCGGAGTTTTGCATACGCAGACGGCCTCGA
AGGCTGCGTGAAATTTGGGGTGGGAACGTTGGGTGGTGTAGGCGGATGCGCTGGCTTGGT
TGGGCGGATGGGCGAGGTATGATGTTGCTCCTCCGCAAGCAATGCGTCAAGCTTCTCGCG
CGGACTGCGCGGTTCGTCAAAGCGTGGTGAGTCTTGATAGGACAACTGCTGATATGAGAG
CCCGTTATTGCCAGCTGGGTACAACGGACTCGGGACGGGCTTGCGACGTGCTCGGATTTG
GTGTTGCTCGTCCGCAGTGGCCGGCACGTTGTGTGGGCGCGTCGAATCGTCGCGAAGGCT
GCGAATACTCTCGACGAGCGACGGCGAGGATAGAGAGTGGGAAGGCGACGACGGCTGGTG
CTGAGGGATGTGATGTGCCGCTGGTCTTTCCTGAAGCATATGCATGTCTGTATTCGTCGC
CGCCATGTTCAAGTCTCAAACGGGCTAGCCGACGACCGGGATATCTGGTCGACAGTATAG
CAGATAGTTAGTGGGGATTAGTGTTTCGGCGACGCTCTGAGTGTCTGGTGAATCCAAAGC
TGCCACGCTCAGCAGTCTCGTCAGCATCTGGGCGTCCCGCGCAGCTTGAGACAAGTCTCC
GTCAGAAGGAGCAGCCGGAACAGAAGAGATTTGGGCTTGTAGACTGGTGGATTCTCATTC
GGCGCCATAACCGCCCTTGTAGGAGCCGGGCCAAATTCAAGCCTGGTTCCTGCAGCAGAA
GCGAGCCCTGGAGCCCTTTGTCTCCATGATCGCCTCCGTAGGCCTTGATGGCTGCGTCCC
CTCACGTTTGAGATATGCCCAAAGCCATTTGCATCCTAGTCGACTACATGCCGGTGTAGG
CGCCAAAAAGGTGCTTTGGGCTTCCCATTGGTCTAGCCCTGTGGCTTGCTAGCCGTAATC
ATCGATGAGCCATCATCCACTGACGGTCTTATGCAGAAACGACATGTCCGCGTGGTCTGC
TGTCGCTGGTGCCCGCAGTCAAGCTGACAGAAGCCTGACGAGCCGAATTTTGCAAAATAC
CCACCCATTGGCTGGAAAGTAGATGATTTGACATACGAGTCTTGAGGGTGTATTGGCTCG
ACGGCTCAGTAATTTGCGATTCATGGTAGACTCGAAGGTGCATTTCCGCCAGACATCTGG
CCGTCAATTGGGTCCACGGGTCGTAATCATGTCTCTGGCGCACGGATAGCGTTCGAGTTC
AAGGGCTGGGTCGCTGCAGCGAGAAGGATTCTCCAGGCCGAATCGAGATTAGGCTTGTCG
ATCAGCTGCCATTGGCCCAATCCCTCGTGGCTGAATCAGCCGCAAGTCATACTGTGTTCC
ACTAGTAAGCTGCGCACCCCAGTAAGCTGCGCACCCCACCTAAC
>AT2CTG00134|contig:Illumina.Velvet.1:AT2CTG00134|2894:201898:1|Alternaria tenuissima_bmp0304
AGAAGCTATAGCTCTGCGCTAGTTCTGTGATAGGCTCAGGAGTTCTCGGGACATTTTTGC
GGGGCGTCTGATTCATGAGACAATGCGTTGGGATCATTGATCCACCGACAGCACCTGCCA
CGCCCATCATCGCACGTCATAGTTACCATCCATCATTCACCATGTCCGCTCCGGGTGCCG
AGTGGATCAGCGATAGGTCTCGCGATAATTCTCCAGAAGTTCTCAACTCCACAGAAGGTC
AGGATGGCTCGTCTCAGCGACGCACCAGCAAAAAGCGCAAAGTGTTGTCGTGCTACGCGT
GTCGCAACCGCAAAATGAAGTGTGATCGCGTGTTTCCAGTGTGTGGCCGATGCCAAAAGA
CTGGCAGAGGCCACGAGTGTACATACGATCCTCGGCTGCTTGAAGAGTCCCACTCTGACG
CGGGCGCTGCATCGATTGCCCTCGCCGAGCGGCCAGCTGATAGCAACCCTTCCTCGGACT
CGCCAGATGCATTGCAATGGAAGCTCAGAACCCAAGAGAGACGGATAGCGATGTTGGAGC
ACAAGCTTGCCACAAGGGACGACACCAGAAACCCCTCGCGATTCGAGGCCGTTGTCCCTG
ATGAGCCCGAGATCAAAGAAGAAATCATGTTCAGAGGCAAAGGTTTCAAATCTCACTTCA
ACGGCGCAACGAGTATTATGAGCATGATCTCTATGGTATATTTCACATGCCCAGACCCTG
ATGTCCGTGTACCAGCGGCTGACCATCATCAAGAATTACGAGCTGCAGGCATTTACACGG
GAAGCCTTGACTGTTGACCACTCTATTATGCGCGTCAAAACTGACTTCAAAACCTTCCGC
GACCAGAGGAAAAAGTCCGCAAAGGCCAAGATCGCCAGATATTCCGACATCGACCTGGAA
GTCTTCGCTGTCCTCCCTGCGAAGAGTACGGTCGATGCACAAGTCGCTCTCTATTTTCAG
ACCTGGGAAACGAGCTACAGGATTCTACACGAGCCATCTTTCTGGAAAGAGTACCGCATA
TTCTGGGAATCAGATCAAGACAAAAAGAGCTCAGTCAGCTTTGCCGTCTTACTTCTCTTG
CTTGTTGCCATCTCAAAGTGTCTCGCCCCAAAAGATGACGTCTTCATTGGCGACACGACT
GCAGACCGGCAAGCAGCCCTTGAACTCATCGATATATGTGATGCCTGGATCGGCGAGCAG
CCCCGCAAGCGGGTTACTTTGTCTTTCTTCCAATTACATTGCTTGTCGCTGCTTGCTAAG
CGTGTCAATTGTGTCCGACTGAAGCAAGACTGGATAGCATCGGGAGACTTACTTCGACTC
TCCATTACATCCGGTATGCATCGTGATCCGTGTCTGGTCGGGCATGGGAAAATCTCACCT
TTCGATGAGCAAATGAAGAAGCGACTGTGGGTCACTGTCATGGAAATGGAGCTCCAATCT
TCCATCGAGAGCGGGTTTCAATCTGGACTTACCGGACTGTACTTCGACACTCCTGCGCCT
GCGAATCTTGCCGATGAAGCTTTCTCACCAGACACACAACACGTGCCGTTAGGTCAGCCC
ACTGAATACTTCACGTCAGCATCATACCTTGCAATGACTCTAAAATCACTTCCACTTCGT
ATTCATCTCACGCAGCTGCTGAATACACCTTCTAGTGTCCTCCGTTACACCGACGTACTG
CACTACGATGCGCAGATCCGTTCTGCATTGGCGATCCTCCCCGTTTGGAATGACGATAGC
GCGCTTGTGCCTTCTACGCTTCTTCGTTTGCAACTGCGTCAGTATCTTTTGTTGCTACAT
AAGCCGTACGCAAAACTGGCTCACACAAACGATCGCTATCTGCATTCTTTCACGACGTGC
GTGGATACCTGCAGCTCGTTATTGGCAATGCACGATTGCCTGATATCGAGAGGTATCCTG
GCACTTCACAACTTCCGGAACGATGTGATCAGGGTCGGTCTGGCACTTTCTCAAATCGTA
TACCACAATTGTGCTCGTCGAAAGATCAAATCGTTCACGTCCTATACAGCAGAGACTGAG
ACTCAGGATGTAGACCATCATACACATTTTGCGGATCTTACTCTTCCAAATCGTTCAGTT
GGCCCAGACTCACGAATGGATTTGGACCTCGCGATATTGCCACAAGATCCCTTTCTTGCA
AGAACACTGTGCACATCTTCAATCGATATCCTGGAACGTACGAGACAGATCTTCGAAGTC
AAAGTCTTTCGACTTGGTACGGGATATATGGAGTGCTGGCTGTACGTACCATCGCAGAGC
ATTCATATGAGACATTTGCTAATCTTTTTTTGCTCTATCCGTATAGTATGTCTGCTGCAG
TAGGCATGCTGCCCCCTCCTCCTTCGCCTGCCACTTCCATAGCATACATCAACAACGCAA
GCGATGACATACTATCGAGATGCCGAAAAACTCTGGACTTATTCACAACGTTGGCTTTCA
GGGTGCTAGCTCTACAGCAAGACCCCACTAACAGTTTAGCCTCTTCTCTTCGCTCTACTA

TGAGTACCACAAGAGAAACGGGATCTACGATTGGGAATGCCGAAAGTGCGGCTCCCACCT
CGCTAGACAGGCTTGACATGAACCTTAATCTTGCCGATGGTGCTAAAGACATGAACGGGA
CCTTTGATGTGCTGCAGGATATGCAGGTCGATATGAGTGGCTGGTCATTCCCTGACTTCT
GGGCGTTCGATCTCGGTGGTGACTTCTAACATGATTATACAGCGGAGACTATGTATGCAC
GCATAATCCCAATTACGTATAGTCCTGATAATGCGAGCGAGAAGGGAACAGTCTGATGAT
ATGGAAGCAACTTTCAAGGATGATTAGCAATTGGCCAGAGCCAGAGCGGCTTGACGACGT
GATTGCGTATGCGGTATGATTCCCTTGATTCTTAGCACTCTCGTATGGCTGACTGGACGG
GATTGTTGCAGGAAATATATGCTTTTCGACGAAGGTCCATCAAGGCAACTAGTACCTAAA
GCATGCAGAGCTAACAAGCAGCAACAACATGGGGACACTACGCGTCAAGAGGAAATTTTG
TATTCCATTACACTAGGCTATCTGGAACAGATGAGATCTTTTAGTGAAATAGGAAAGCTG
AGTAAGACGAGTCCTATAACAGCGGAGCTTCCGATGATTAGAATTGATATCGAAGTTAGT
GGAAGTTTAATTCAGTCTGACGCCTCTCGAAAAGGGTAATCAGAAAGCCTCAAGCTTTCA
TTTAAGTCACTAGTCAGTTATACATTCCGACTATGTAGATGCTATGGTATAATCGAGACG
CATGCTGCAGATCAACGTCCTGGCATTTAGGGTTTGCTGTGACCTTTTTCTTTCCAAAAG
CTTCTGCAACATCCTCGAATTGTTTGCTTTTTCCATGTTGCTCGGGCAGATGAACTTACC
CGTCGCCTAGGCGCGATGTACTTTGAAGCGGACATCGGCTCATGGCCTGCGCAAGATGAA
AACGGACCCTGAACGTTCGAACAAGATATCTTCTACTTTGGGTCCACTTTCTGGTGGTTT
CGGTGGCCAAAGGATGATATTGGGAAGTTCTGGTTCAGGGAATATCTCGATAGGTATATA
CCAGGCCAGCGGCTTTGGAATCACTCTATCCTTTTTCTTGCGCAGATCGGGTTTTGGCAC
CAGACGTGGCACAAGGTCGTCGTCTAACGCTCCAGGCATTTTTTGTCGATGATCCTTCCC
TATCAAACCCTTCAGTAATTTCATGTTCCAACGTGATCGGTGACAACAGAATCTCCAGGC
TCAGAGAGGAAGACGCCAGACGAAGTATTTTAATTCCAACCAGAGTCGCAGTATGTGGGA
ACAATGTAATACACTGAGCGAGGCACAACGTTGTATGTTCGGGCAACTTCACAATGTGGA
CGTATAATATGGAACAATTAGTCGGCCGTAGTCCCTTGAAGACAACCATTCTTAGTCAGA
GCCATACCTCGTATATCTTTGCTGAATACGATGAGTCCCTATACTGACAAGGGCAACACG
GGAATGAGAATTAAACGTGTGAGCTGCTTGAACCCAAGTATCGATTGCATCGCATTTTCT
GATTGGAAAACATGAAAACTATCTGTCACGCACATAACACACTACAAATCACAGCCATTT
GTTTCAAACTTCTATCATCGATCCCAATCATTTATGCACACCTGTTTGGTTGTGTGCGTT
CTTCAGTCCGGTACAATCAGTACAGTTAGTACAACTATAACTGTCAGCCTTCTCTGCGCC
ATTCCAATCCCTGGTCTCACTGAGCAGGCGCATATGATGCTACGTACTTTATGCAGTCGG
TACAGTCAGTACAATTGCGACATCCCTCACAATTATCGCAGCCGGTGCAATTCTGGCAGT
AACTGCTACTTTCGCAATCCGTGCAATTCTGACAGTATGTAGAGTCTTTACAGCGCGTAC
AATTACGACACCCAGTACAGTCTGTACGCAAATTAGTCCGCGGTTGTAGGAGGTGTTTGA
TAGCAGGAATTGGTCAAGGTGACCGAAGAGACAGATGATTTCCAAGAAGGTGGCATGGAA
AAGCCCATACTTTTGCAACCGATACAATTGTGGCACGACGTGTCCTTGCTACAATCGATA
CAGTTCTTACAATATGAGCAGTCTGAGTAGATAAGCCGCACTCAAATCCCAAGATGTACT
GATCATGAGGGCAAGAGTAGGTTGATCACGCCATAACGTGCGGCGTATGGGGCGTGGGAT
CATGGAATTATGGAAACGCCATTGCTGAGGGCGTACCTTTGCAATCTGTACAGTTTCGGC
CTACAATCGTTGATGTGGAGTTAGACTTGAAGTTTTTCGAAGCATGCTACAAACTTACAG
TCCTTGCAGCCAGTACAGTTGGTGTTATTATGATTACCGTCGCCAGAGCCCGAGGAAGGT
ACTGCGCGGAGTGACGATTCACCACAACCCATGTTGAACGTACTTTCTGGGCTTACAATG
AGAGAATAAGAGTTCAATAAGACTACGAAGTAGCTTTAGGAGGAAAAGACGTATGGATAT
GCATAACTTGTTCCCCAGTTTATAGGTGAGGGGACGTGACGGGAAGGGCATGCAGCCACG
ACGTCATTTCTGACATGCATAGGTATGATAAGCTTGAAAGGCCATTGGTACCGATAAGGC
GCCCTTCAACATCAACCTGATATATGATTTACCGATTGGAAACTTGTTAAGATTGTTTAG
GCCCTAGCGCCTGAACTAATTACACATTGTGGCTCGAAGGTATAACAGATATTCCTTTGG
TGGCGCATCTAGATGACGCCATTAGGCCCGCTGTCTATCGTTTTGGAATTCTTCGAACAA
AGATCGCGGGAATGCGGAGTATCTCAGGATCAGGCGTGTTTGTTACGAACTCCGATTTCG
TCGACAAGACCACTACAGTTAGAGCAACCAACACATGACCGACAATCATTGCATCTTGAG
CAGTCCACCAAATCCGTAGAGTTAGTACAACGACTAGAATTGACGCAATCAGTACAGTCA
TCGAGCCGACTGGAGTTGACGCAGCCTGTGCAGTTGGTGAGTCTGCTTGAGTTGATGCAA
CCTGTTGACCTTTCCATTCGACTGCACCCAACATTATTATCGTCCAAGCTTGGAGCTGGT
CTTTCCTGAGGCCCAGATGGAGGGGCAGACTGTTGCTGAGGTGGTATTACAGGACTTTGG
TGAGGTCGAAGCCTACGAGGTATTTGTGCATCCTGATGGGATGATCGCGGCCGATGATGA
TCAGGAGGAGAATTTTCTGGCGGTCTCCGTGAATATGCTTCGATTGGATTCTGGTATCCA
TGATCTTGGAGACCTGTAGGTGAGCCAGCAGCAGATGCTTGTGAAGGTTCAGTTCGATGG
AAAGGCCGGACAAGAGGAGTCGAAGGTGCCGTAGACCGATAATCAGGCGCAGGGCTGTAT
GCTGGAGGAGGTCCAAGCAATTCTGACGAGGCGTCGTTTGGAATGCCAGGACGACCTTGA
TGATCAGGATAAAGCCCAGCAGGAGGTGGTGTGCCATCGACGCGAGCGCGCTTCCGGGCT
GTGTGATATATCAGTCATGCGTCTTAGTTGCTACAATGGCCGTGAATTGAGATAAACGAT
ACACACATACAGTTTTGCTCAGCCATACCGTGAGCTGTGTCGTATAGCCTGGTTGGTCAC
TTGAAATAGCGGTAGTGGCAAGTCCGTCATAGATGAACATACAAAGGTCCTTCATTAAAG
TACACACAAGCATAATCGGACAAACGCAAGTTGTTGTGACACCAGACATCAACTTGCGCG
TCAGCAAACCCTGAGAGGATAATTCAAGCAAACCGAAGTAGATGGAATAGCTCTCGAAAG
CCAGGAATAGGTTTTCAAGACGTCGTATGGAAACTGGTCTGTCGGTGTTGATCTTGTCGT
TCTCAAATCCTGTCCCGTGTCGAAACCTAAATTCCGATTCCCATTTATGTTTCGCTGCAC
CTCGAACAATGTACTTCTCATCAAGGGCCCATAAGGCTGTACGAGATATCATAGGCGAAG
GACTGTTGTGGCGTGGTCGCTACGGCTTCCCATTGTTGGAAAATCAAGTCAGCCACTTCG

TCTTTGTACCTAGGTAGTTTAGCGGTAGTCTCGCAATTCGCTGCATGGGGCAATGATGTG
CTGTTTCCTTATTTCCGTGACGTGCTCAACAAAATCAACCGTCACCCTTTGCAATCTCTG
CCCATCGCGACGTGCAATGCCGCTTCGAACCTGTCTCGTTCTTTATGCTTGCTTGTAATC
ACGAATAGCAAGTTACAATGACGGACCGAAGTGTCGACGCAGAAAAGCATGCAGACCGGG
AAGACCATCCCACCACAAAGACTGTAGATGATGTGCAGCGCAACCTACAGACATGGCCGA
GCGCGCACGACGTCGAGATACAAGAAGCCACATTGGACGTCGGAGCCGAAAATCAAGCAG
CGCAAAATCCGCAGGTTAAGTCACATCAACCTGCTCTTACACGCATGCTCTCGCGCCGCT
CGGCAGCATCGCTTGATCCCGGTCCAGCTCCTGACGGTGGCCTCACAGCTTGGATCCAGG
TCCTCTGCACCCACCTGACAATTTTAACCACCTTTGGTTTCTTTACATCATTCGGCGTAT
ACCAAACGTACTACGAAAACACACTCGGAATCTCGCCTTCGACGATATCATGGATTGGTT
CCCTCCAGGTCTTCCTGCTTTTCTTCCTTGGTACTTTTACAGGCCGTGCTACGGATGCTG
GTCTCTTCCGCCCAGTTTATATCGCTGGCGCATGCTTCCAGATACTTGGCATCTTCACGT
TGGCCGAGAGCAAAAGCGTGTGGCACGTCTTTCTCTCCCAGGGCGTGTGTCTAGGCATTG
CAAACGGGCTGCAGTTTTGCCCTTCGATGGCCCTGGTATCTACCTACTTTGTCAAGCGTC
GTGCCTTTGCGCTCGGCTTCACAGCGCTCGGATCCTGCACTGGCGGTGTCATCTTCCCAG
TTATTGTGCAACAATGCTTGCCTAGCTTAGGCTTCCCGTGGACTATACGTATCATTGGCT
TCATTATGCTGCTCATGAACGCCATTACCATTGCCTTGTATCGTACACGGCTCCCACCTA
GGAAGACTGGCCCGCTAGTGGATTGGGCAAGCTTCAAGGAATTACCCTATGCACTGTACT
GCGCTGGCGCCTTTTTCAGTTTCTGGGGCTTATATTTCGCTTTCTTCTACATTGGGAGTT
ACGCGCGGAATGTCCTTGGCGCCAGTTACCAGCAGAGTATCAACCTGCTTCTCGTGCAGG
TTTGCATGGGGTTTGTCTTTCGCCTATTACCTACGTATTATGCTGATAAGATTGGGGGCC
TCAACGTTCTTATACCTTTCGCTTTCATCTGTGGTGTCATGATGTTCGCATGGATTGGGA
TCAAGTCCATAGCTACCTTGTACGTATTTGCTGTCATATACGGAAGTGGAAGCGCCGTTA
TACAGGCACTTTGGCCGGCCGTGATCGGCAGTATGAGCCGTGAGAAGGACCTGAAAAAGT
CAGGTGTGAGGATGGGAATGGCTTTTACCGTCGTGAGCGTGTCAAGTTTCACAGGGCCAC
CGCTAGCTGGCGCCCTCATCCAAAGTCACAACGGTAGTTATACGTACGCAAATGTCTGGG
CGGGTATGTCGTTCATCGTTGGAGGCTGTCTACTACTGGCTACCAGGGTATCTCTGGTGG
GCTGGGACTGGAAGGCAAAAGTATAGTGATGGTAGATCTAGTTAAGTTCTTTTTAGACTT
TCCGCTCTTTACTCTTTTCTTCTGTTCCTTTCCACCTAGGCTCTGAATCTGCTGCTGTCT
TTCTTCTTCCTATTTCTACAAGGTGATGTTATTCACAGAAACGCCCCTTCCTGCCGAAAC
TAACACATGTGCTTCATACGATCTACAGATCAGTGAGATTCTCAACCTTTGTCATCGTGG
AAAGACTTGTGTGCCACGTTCGAGAAAGTTATGCCTTGCTTACTTATTGCTCTGGAAACC
GTGCTTGAACTATCAGCCCTTCTTGTCACCTAAAGTAGTGACCCTTGCTAGCAAACCAGG
CTGTTCTCTCTCCTTGGTCATTTTTGCATGCCAGTCCGCCTCAACCTTGGCTGAATTCTT
CTTGACTCGCGCTGTATTCCATCTCATATAATAGCAGCAGAGTGGGAAAAGGACAGTATC
TGCCATAACCCAAGCGAATAGAATGCCAAAATTTAAGCCGACGCGCGGATGTAGATCGAA
CAAGATGGATCGTGTGAGCTCTACGACGTTGTGCATAGGCCATCCATAACCCCAGCGATA
AAAGCCTGGAGCTAGCTCAAGGGCGTAGAAGCCAGTTGCTACATTGCTGATAACCCAGAA
AATCAACCACAAGGCTGTCCAAGGAGTTCCCAGAAGCATAGCCATATTCTCGCTGGCCAA
ACCAAACGCGATCATACCGATCCAGTTGCCCATCCAATATACCAAGAAGGTGCCGCTGCC
GTATGCGTTGGGATTATCGGCAGGTTGATCGTGGGCTGCTTTGGGCCGGTCCATAGGCAT
GAGAAAGGCGAGGCTGACGAAAGAATAGACGAGTGAAAGCAGAAAGTAAGATGCGACAGT
TGCAACGTAGCGCCACACGATGAGCTGGTAGAAGTGCAGCGGTGGATGACCTCTAGGTGT
GAGGTACTTTAGATGAATGGGTAGAAAGAACGTAAAGCTGAAAAAGGAGATGATGACTAG
ATATCGTCGATTGAGTCAGCGTATGTTTCGAGTGTTGTTTTTACGAGGAAATCACTAACT
TAAGTAGATCAGGCCTATACTGACCGCGGGTGTCGCGATAGGTGGTCCAAAGGGACGCAG
ATCATAGACTGTGAATTCGATGCCCGGGGTAAGAGCTTGGGGCGAAACGTCGACGTGCAT
GTCGATAACTGAAACGTTGTTCTCGAGGAGATGTGCGATCCACGCGCGACCGAAATCAGT
CACGACACGCTTTTGGAGCGTGTTCATACTGGGTACGATATAAGTCGAGAACGTAGTCTG
ATCACGCGCAGAGTTATAAGTGATCTGGCAAGCGCCCAACGGATCGTAACTCGTGTTGCC
CTGCCTCACTGCAGCCTCGAGCATTGCTGTTGCATTGGGGTTGATCACGACGGCTGCCCA
GGCGTGGAAGTCGTAAACACTGTCTCGTACTTTGAGTGGATCGTTGTCAAAGTCCCCGGG
TGGAGCAAAAGTATAACCCGGCACCACACCACCGTCATCAACGATGTTGCGAATGGCCTG
AGTAACGAATGGACCGACGAAAGGTGTGATTTCTGTATAAGGCGGTTGACCGTCGAAGTC
GACAACCCAGACGCTCAGGTTTGTAACATTCGCCTTCTGACGGAACAAAGCACCCCAAAA
GAGACACAAGAAAATCATGATGGCGACGGCGAGGATCAGGTTGGTGCGGAGCCAGAGTTT
GATGACGTGTAGTCTGACACCAGCCATGGACGAGTGGAAGAATCCAACAGGCTTCTGATC
GAATTCGATTCGGCGGCTGCTCTTCGTGCGGTCACGCTGTAGTACCGTCGGCCTTACTAA
AGCAGAGTTGATGGCGTGGTTCGTCTCGCGCTCGAAGGGGGCGGCCTGCTGCTGTACGCG
AGCGGAGTCGGTTGTTGTGAGCACATGCTCTCCAATGTCTGACTCGCTGGACGAGCTGGA
GTCATATCCGTGGTGATACTGCGGAGCAATCTGGCAACCAAGCATGGGATTAGACATTTT
GAGCGCCGTAAGGATTTACAGACGACGCTTCAGTTGTTCTTAATATGTCCTGAGGCCGTG
GCCGTTAGTGCTGCTGAGGGTTGCTGACTGATCACTCTAAACTCACTAGTGTCTAAGTTT
TGCCCATGAACAATGCTTGGTCATCGCCAGGGCTGACTTAGCCACTGATATCTGTGCCAG
ATGGTACGCTGGAATGACAAACGACTTACCAAAGGACTTGCTAAACGAAAGGGGGACTGG
AATCATGGGAGGCGCCTCAGCTGTCGCATGAGCACCTACCTTCACCCAAGCATCTGCCTT
CGCCTAGGCATCTGCTGCTGCCTGAGCTTCTACCAAGCTGTTAGCACGAACGGCGAATTG
CTAATGCAATGTCGCTCCTCATCTTGAGCCCCCAATGGTCGCTCAGGTTGTCCCTCACGA

AGCATTAGGATGTAAAGGTAAAAGGATCAATAGACGTAGAGCAAATGAGAGTAGAGCAGA
AATAAAACTGAAGTGGAGTAGAAGGTAAGAGAGTCAAAGTTGTCTGCTTTTGGGTTCAAG
TACGAGGTGGGAGTGCTCAAGGATGAGAGAGATTCGCGAGGTAACGCAGACTCATGCGAG
AGCGTTTGTGAGGCGACGTACACTACATTAAGGTTACCATCCAACGATGTTCCGTCCCTG
CTCAATTGCCTTTCAATTCATTACATTGAGCGTGTAGTAGAGATGGAAGTATTGCTCGAG
TGGCGGGTTATACGGGTTGCACTCCAAGTTTGGCTGACATAAGCCCCGTTGAACGGAGGG
AAACAACTGGCCGCGGTTTCGCGACGCAATACGCGCCCCATGCCCACTGCGCAACGCTCG
TTATGACGGACACCTATACATGTGGCAACCTTCGCATTTGCACAGTACCTAACCGTCGGT
ACTTACTGCTCTACGCATTTACAAAAAAGGGGGCATGTTGGATAGAGAACCCAGGGGTGG
TCGCGGCTTCCGACGCGGCAAAGGACTGGGTAGAGGCAAGACACAGATAGTACGATACAG
CCAAGTCGCGGGAAACATCGCTAAGTTGTATCGCAGTGGGAGTGGGAATCATACACACCT
GGCGCTGAAGTCTACGAACAGCTATGGCGCGTTCGCAAGGAGCCTGCAATCGTTACCGCA
CGGCTTCCTGACGACTGCCCCATACCGAATGCGCGAACACGAATACTCTACCGTCGGCAG
ACCGAGGATGCTATAAAGCGAGAGCGATACGCTGTAGAGATAACACACATCAGCCAACCT
GAAAACAGACATGATAGCATTGATCGCACGGAGGTTGAGGATGTGGACTTTACACGTATC
ATGCAGTACGTGTCTCCGGCCGAACTGGAGCGCTATGAAACAGAGCAGTTCAGACTCGAG
GCAGAGGCCGAGGCAGTCGCGATACGCACAGAAGCTGAGGATCTAGCACGTCGACAACTG
CATAAGAATACAAAGCTACCAAGCAACAACAGAGGAAGTCGTATGCTCAGTGGGCTGGAA
CTTCCTGTCATTTTGCCCACAAGAGCTAGAGGTAGGCTCAGAAGAAGTCGCGGAAGAGGT
AGGAGAAGAACGAGAGATCTGGTATTCGATTCTCGGCAGCTTGAGGATGAGACACATGAA
GAGTTGGTGGACAGCGAGACTCATTGCCTAACCGACTACACTAGACAGCCAATTCAGACA
TCTTCCGGTGTGGCCCGTTCAGCCTTTGTTGCCAACAGCGCCCTGCCTGTATCATCAATA
CCAACGAGACTTTCTACTTCTCTTCCTCAGCAGGGACATACAGGGCTTTCGGATCCGAAT
AAGGACGTGGGCCTAGCCCGGGCTAGCCGCGATGCAAAGCCTCTGTCCAACACCTCAGAC
GACATGCTTCTACACACACCGCTTCTCTTTGATCAGTCGTCGACTACAGTGTCTAACTCA
GATGACACTATACCTGCACATCCGCCGCCGCATCACGAATCCAATGACGACGTGGACAAC
GATACTATACACATGCACACAGTGTCGTCAGACAGCCATTCACTTGAGTATAGCACGAAA
GACGAGGAAGATGCAGAGGGCGCAGAAGAGTACGTGGTTGAAGCCATCGTTAATCACTTT
CAGGAGGATAGGAAGAAGTACTACCTCGTCAAATGGGATGGATATGAAGATAGTCACGAT
TGGCTTCCCGAAGAAGATCTTGAGGGTGCGGCGGATTTGGTCGCTGAATACAACGAGCGA
CTTGGAGGCAAAAACAAAAAAGTAAAGTTGAGATAGTGTGAGCTGCGATTGAAACTCCAC
TTCCATCTCCACCGCGACGTCTTAGTGCGGCGACGAGAACATCGATCTTTTCAGTTTTCA
TGGCAAGCATGAAGGACTCACAGTTCACTCCGCTGTAAACCCCTATCGTCGCAAATGCTC
TATGTCTGTGTTCAATGCAGATGTATCAATGCTCTTCGCGGACATATGCTATCGTTGACA
GAATTGATCTTCAAATCACTTTTCATATTGTCTCTTACAATCACCCGTCTTCTCTTCTTA
TTTGTTTTTTAGCTTTTGAAAGTGAACGTCATGGTGACCCAGTCGTGCGTCGATGATCCA
TGCCATTGTAATCACATCCTAGCAGACATACCCGTGGAACATGTGTACAGAAGAATCTCC
GAATGATTTATTCTACATGCGTGATCATCATATCTTCACTGGGTCTCAGTGTACATGTTG
TATACAGAAATAAAATTGATGACAAGATTAATAATACAGGTGAAAGTTCTCGAGAAAGTA
ATATTCGCGGACGACGCCTGCGTCTGTTATGTTCGTTGCAAGGTCGTTTGGTTGCGATCG
ACACGATGACATGGCTGGAACAGAGCTTCACCTGTGTGTCTTAAGCATCTTGCCTGCACG
CTTGACTGTGTGGGTCAAATCAGAAGCCAGGCTCTGCTTTCTTTTGCCAGTTGTCTTAGT
GCGTGAACTTTCTTCCGGGCCTGTAATGTGCCATTCCTGCGTCAACTGAGTGGAAATTTC
CTTATCGTCTTGGATCATATACTCCAACATATCCTCCGATATATCCTCTCCGACTTCCGC
TTTTGAGGGCTGTTGTGAGAGTTGAGTGGAAATTTCCTCATCGTCTTGGAACATATCCTC
TGGTATATCCTGTCCGACTTCCGCTTTTGAAGGCTGCTGTAAGAGTTGAGTGGCTATCTC
TTTGTCGTCTTCGAGAGATGCACCAATATCGTCTAGCACTTGAGCCGGCATTACAGAAGA
AGTAGGCTCAATTTTGACGTTGGTAGAGGGTTTTTCTGAGCCAGACTCCGATAGTGGTGG
GCTCAATGGAGGGTGATCAAGACTGGATTGGTAATTGCCGACGGGAGGAACCATGTGTGA
GTCGTTGGACATTTCTGGTTTGACGAACTTGTTCCCAGGACGAGGTGATAGAAGCAAAGC
TGAATCTTTCCGCGCCCTAGATTCTTGGCGCGAACCATTGACCTGACGGTCTCGGCGTGG
TTTAGACGGTAGTCGTCGCAATTCCTGCAAATCCTGCAGAAAAGGGCATAAGAATTCGCT
CTTCTTTGCGTATTTTAGATAAATTGGGTTTTCCCTTGTGTAGTCGCGGAAGATGAGTGG
ATCCGAGAAGGTTCTGATTGTTTCTCCCGTACGGAACACATCAACGAAATCTAGAATGTT
GACGTACGGTGGATCTTTTAGTTCGTCTATACACTCTTGGATGAGGCTGTGTGCCCTCTT
CCCTGTCTGTTCACACACTCTTTGGTATATGAGTAACTTTTGGCCATCATCCAGGCGAAT
TTGGCCCCTGGGATGGTTCACTTGCCGATAATGGAGGCCTTCGGGAAGGTAATGATATAT
AATCTCGTCGCGAATCGCATCGACACAGGCTTCATTCTTTCTTTTCCGGTTGAGCCCTTG
GGAGCTTGCAAATAGGCCAAATTATTGCTTAAACGAATTAGACGGCTGCGGTATGAAGCT
GCCCTGCTTTATAAAGGCGCGATTGAATACTCGTATGTCGTCATCTGGTACACGGCCGAC
GTCGAGCATATGCTCTACGGCGAACTTCAGGTTAGGGAACGTCTTGACCTTGGAGCCTGG
AAAGCCGATGACTTGCTGCTGTGCCTCTTCAAAGGAGTTGTACAAGCCAGGCCTTTTGCC
TCGAGTCACAGCGTGGTACTTTTTAACCATGATGACAGGCAGGAATAAGCGTCATTGCTA
TATTGGGATGGAGAGTATGTATGAAGGATGCGATATCGCGCTGCAAACGCGTCGCAAGGC
GTCAAGAGTATATATGGATAGAAGTTATGAGAAGGCAGAAATGACACGTTGGCACAGTTC
GAGTCAGATGCGGTTTCGTGTCGTCAGGGTGTAGATGCTTTTGCGGGACGAGCAAGGGGG
CGCGCATCGCTTTGCGCGGAACCGAGGCATTCTGAACTACCGGTAGTGAAGTGACACATG
AACACGGCCTCTTCAGCACGCTGCAACAACATAGACATGAACATGGCCTCTCCAACACGC

TACGCCTACCCCTTCGCCGCTTCCCCTGACATCATCCGGTCACACCAGAAAGACGCCTAC
TTCTCTGGTGTGCTGCTGGACCAGCTATCGACACTCTTGCGCAAGCTCTATGGCGCGCGC
ATCGCGCACACGTACGCATCCGAGACGCGAGTCCTCGGAGAGCTACTCTATCTCGGTCTC
ACCACACTGATAGGAAACCGGACACTAGGCGAAGAATACACAGATATTGTTCAGGTGGAG
AGCGAAAGCGGACGACTGCCGGCTCTGGGACGGAGAGCGGGATACATACTAAGCTGCATA
TTGGGGCCATATCTGCTTGGAAGAGCATTGCCAGCCTTTAGACGAAGAGTGCGCGCAAAA
CTCGAGGCGAATCTGCGATGGTACGCGCGACAGCAAGCACGAGCACAGCAAGAGGCACAG
GAGAATGGGAGCAAAGCACGGATAGGACGGCCTCTTGGTATGCGCCTGCAGAACTACATA
CTCGAAAACCTCGATACCATCACGTCGCCGTCGCCCGTCTACGCCCTCTCTCTGGCGACA
TTCTACTTTTCCGGGAGTTACTACCACCTCTCGAAGCGCATATGGGGCCTAAGATACATC
TTCACGCGACAGGTGCCCGAGGGCGATAACCGCGCTGGCTACGAAGTCCTGGGTGTGCTA
CTAGTGTTACAAATGGCGGTACAGGCATATCTACATTTACACAATACTGTCACATCGTCG
ACGGCGGCGGTGGGTGGTGGCCATCCGCAAGGCACGTCAGCCATTGTAGGTGGCGGTGCG
GAAGTCTCCCTGGACCCCAATGCCTACAGCGCCAACAACGCGTTGCTGTTCGACGCGGCA
TCTGCCCTCCCTACAGCGGCGCCATCGGACGTACAAAAGTGGACACACACACCTGCGTTG
GAAAAAGCAAGATATGAGCTGGAGAACGAGGAGACAATGGGATGGATTGGTGGTGGCAAT
CGGAAATGCACGCTTTGCCTGGAAGAGATGAAGGATCCGAGTGTGACGACGTGTGGGCAT
GTCTTCTGTTGGACGTGTATAGGGGACTGGGCGCGGGAAAAGCCCGAATGTCCACTCTGC
AGGCAGACGTGTCTAGTGCAGCATGTGCTCCCGCTCCGAGGGTAGATGGGCGGCATGTAG
AATTACAATATCTTCTCGGCCTCATCAATCAGTCGCTCTACCTGAAATGCGCTGTCTCCA
CGAGTGAACATGTTGAGCAGTTCGCTGCGTCCCTTGCCCTCTTCCGTCTGCACGTAGAAC
TTCTGCATGCACATGACGAGCCATCTGGCCTCGTCAACGCTCACGCCTCTGTTCTCGATG
ACCAGGCCCTGGCCCAGAACCAGGTTGTGGCTCTCGGCGAGCTCCTGGTGGAATGTGATG
GTGGTGTGCGGACTCGCGAACTCGCCTCTCAGCTTGAATTCTGCCAGCGTTGTGAACATC
AGCGTGGTGGTGTCAAGGTGCGGGTGGGAGAACTGTAGATAGTGTAGCTCGGCAGCCTGC
TGCGTCTGGGGCTGTTCCGGTGACGCGGACGAGGCATCGGCGGGTATCTCGCGGGGGACG
GGGAGCACGAAGGAGGGGTGTTGCTTTGCGCTGCGGAGGAGTTGGGCAAAGGTCGTGGCC
GGAACAGCGAAATGGACGCTCTGTGGATTGGCAGCGTGCCGTAGGCGCCACAGGGCCTGG
ACTTCTTTCTCGGGGAGAGTCTTGACTTTGTCGAGGTCGAGGAAGGAATTGAGCGTCTTG
ACGCCTGGCGGGGGCGCGGAGGGAGAGCCTGAAGCAGAGGGCGGCGGAGGAGGCGACGGC
CAAGGGCTCTTTGGTTGCTGTTGGTGTTGGGATTGTGGGGTTGTAGCTGTGGTTGTGGTT
GTTTCTGGTGGCGGCGTCAATGGACCGGTTGCGCCGGGCACAATGGCCTGCTTCCTCAGC
TCCTCGATCTTGTCCTTGTACTGCTCCTTGAGCTCGTCGAGGTCCTTGAGGCCCTTTTCG
CGCGCCTTGTGCTCGAGCTTCTCCTTGTACTTGGCGAGGATGCGCTCCTGGGAGTCGTGT
GTGACGAGAAAGCGCACATCCTGGACGCGGGCAAAGCGGCGTTGGGTAGCGCGGGGGTTG
ACGAGGGGCTGGCGCAGAGCATGGCGCAGCGTGGGGATGCGCAACGGCATGTTGGATGTA
CTGTGGACAAGTTTTGAGGCGGCGGTGGTACATGCGGCTTTTGCAATGGGGACGGAATGC
ACTAAAGAAGCGGGGCCCAAATGCAGGGACGGGAACGTTTACCTAGGCGGCATGGGCTGC
TTTGTCTACTGCACTACGCTTCTGTAACGTTGTATCCTACCCGACATATCTACCCCATAT
CCACCCCATATCGTATACCCGTAGTCTCGTCTGCCCGCGCCCGTCATCCATGCAGAACCC
GCCCTCGCTGCACACGACCCGTCGGCCCCTCTCCTCGTCGTCGCCCGAGACCTCGTCCTC
GACGGGCTGCTGCTAGCGGGCATGGGTGCAGTTCACAGCAAGTCCAGCGATGCAGGCGAC
CTCTATCTGCGCGACCAGACTCGATGTAAGCTTCGACTTGCGCCTGTCCCTTGTCCCCCT
CGACCATTGCCTCGGCCGCGCTCTGCTAACACGACCCCCCAGTCTCGGTGGCCTCGCTCA
ACATCACCAATGCCCGCAACCGCACGCTTCTCAACATCTCGCCCAATGCCTTCCCCGCCA
CCCGCTATGCTGCCAGGCGCGACTTTGGCGACGACAGCGTCGTCGAGTACATCCAGGACC
CCGAGCCAGCCCACCACCAGGACGGCCCCCCAGCCTTCCTCCTGCGCCTGCCCAACGACG
AGGAACTGACCTTCAACTTCACCTTCATCCTGCGCCAGCACCTCGCAGTTCCCACCAGCT
ACAGCGCCAGCACCGCCTCCCACGTCGCCCCCACCGGCCTGGTCGACACCAACATCAATG
GCTTGACCTTTATCTTCGCCCCGAGCTCAAAGGACCTGGACAACCTCGTCACGCGCGAGT
TCCACGCCAACCCCAACCTCCACAAGAACCCTCAGGTCGAGCTGGTCGGCGACTACTCCA
CCGGCGGCCATTCGTCGGTTCAGTTCCAGTGGTCGTGGAAATGGACGCCGCCCCGCACCC
CAGAGTCGCGTGGTGGGGGCTGGCGCACAAGCTGCAGTGTGTGTATACCATCCCCTCTCT
GTAGCCGCGCCTGCTGATATCCTCTAGTTTGTCGAGTATGACCAGCGCGCACACCGGCTC
GAGACGCTGGCGAGCTTTACATTCTGGGTCCAGAGTCCGTATCCTCACCCCCGTTCCATC
CCCAACATGCCCGCTGACCACTCCAGACACGGCGCGCCAGCTGCAGAGCCCAAAGTCGCC
TTCACCGCGCCTTGAACTTGGCGTCCCTCCCCGACTGCGCGTGCCCTCGGCACAATCGAT
AGAGTCACGAGTGAGCGACTCCGCGGGCGAAGACCGCGAGTGGGACAACATACCCCCGAG
ATCGCCAATCTGTGAGCCCATTCCCGAGCATAGCCTGGGCCTCATACCAAGCCAGACGAC
CACTCTGTCAAGCGGGAGTGCGCCGGTGAAGCTCGACGTGTCGCGTCCGGGCGAGGATCT
CAGTCAGACCGACGATGGGCCGCTATTCCGCGCCACGATGAAGTCGCTCGAACAGAAGAC
GGGCAACATGCGCACAAGATGGAAGAAGGTTCTCAAACGCGCCGAGTCAGCCATGGAAGC
TCAAGTGGCATGCAACAATGCCATGGCCGACCTCATGGACGCACTCAGAGAAGCCTCGTC
GTCCAATGCAAACGCAGTGCAGCCGGCTATTGATCACTACTTCGACAAGATTGCCAAGGA
GATCCTGGGATACGAAAAGTCAAACACCACCAACATTCAAAAACTCATTATTGATCCCAT
ATACAAGCTTTACAACATCGACATCAAGCAGGCCGAGACAAAGCGGAAAGACTTTGAGGA
GGAGAGCAAGGACTACTACCAGTATCTGGGAAGATACCTTGGGCAACGACAGGACTCACT
GAAAGAGAAGAAACGCGCAGAGACCGATTCCAAATACCAAGCAAAGAGGCGGAACTTCGA

ACTGAAGCGCTTCGACTACTCGTCCTTTATGCAGGATCTGCACGGGGGCCGGAAAGATCA
AGAAGTCCTCTCCCATCTCACGCGATATGCCGATGCCCAGGCCAAGCGCTACCTAGAGAC
TGCAAAGAAGATCGAGACCATGTTGCCACATCTAGAGGCCCTGAGTTGCGAGGTGAAAGA
AGCAGACAAGGAGTTTCAGATTCAGAGGACCGAAAGAGAGGAGAAGAGGCGAGCACTCGA
GACGATCAAGAAGACTTTCGACGATGTGCCTGCGCCTTCGCTCACTTCTCCCGCGGCATC
ATCGAGTAGCGTACCCCGGACAATGTCAAGATCCGACCCAGAGCCGCCTCCTGGCCGCAA
GGGTAGCCTTGTGCCCATGTTCCAGAGTACAGTCATGCCTCCTCAGACTATCTCATCTAC
AAGCATTCCCTCCTCAATAGCATTACCACAAAGCCCTGAGGCTACCAAAGCGACTCTAGC
CATGGTGGCGTCACAGCCGGACAAGTTCAAAGGAATCAGAGACCTTGAAGAAAAGGATCC
TGCTGCAATGGCCGAAGCTGGTTCAGGCGCACATCGCAAAGAAGGTCTTTTGTGGGCACT
GAGCAGGCCTGGAAGCCATGTGGATCCCAAGGGCTTGAACAAGCAAGCCTGGCACAAGTG
AGTACATTTTGTCGAAACTGAATGAACGATGCTGACAATGTCCAGATTCTGGATCGTGCT
TGATCAGGGCAGACTCTCAGAGTATACCAACTGGAAGCAAAGTCTGGAGCTCCATATGGA
GCCAATCGACCTTCGCATGGCTTCGGTAAGGGAAGCGCGTAACGCGGACCGTCGGTTTTG
TTTCGAAGTCATCACCCCACAATACACTCGAGTGTATCAGGCAACCAACGAAGAAGACAT
GAAGTCATGGATCAGTGCAGTCAACAATGCTTTGCAGACAGCCGTTGAGGCAGCAGGAAA
GCCCGACCGGCCATCAACCGACTCGCTGCCTGGACAAACACATCGCGACATCGCGTCAGT
GCTTACCGGCAAGAGTCCATCAATGTCAAGCCATCGCAACACATACGGCTCCAAGGCACC
CGCGCGACATGCTACAGTGGGCGATCGGCCTGGCGGTTACCGACGAGAAGAGACGTTTGG
CGACGAAGGCAAGCTGCTCAAGCAAGTACGAGATGCGGATGCTGGCAACAAGATGTGCGC
GGATTGCGGTACTGAGATCAAAGTTGATTGGGTTTCCATCAATCTCGGCATCATCATCTG
TATTGAGTGCAGTGGTATCCATCGGTCACTAGGCACGCACATCACAAAGGTCCGCTCTTT
AACGTTGGACGTTACGTCCTTTACTCCCGATATCATCGAGATACTGCTCAAGGTCGGCAA
CCGCATCAGCAATGCTATCTGGGAAGCAAGGCTAGACCCAGGGCTGAAGCCAGGGCCAAT
GTCGACAAGAGAGCAAAGGCTGCACTTCATCACGTCAAAGTATGCTGATCGGGCATTCGT
GGCACCCATAACACCAAACATGTCACACTATGCAAATCCAGAGGAGACGCTGTTAGCGTC
GGTTAAGAAAAACGACATCCAGAACGTACTCTACGCGCTGGCACTCCGAGCGAATGCCAA
TGCGCGCGATCGGTCACGAGGCACACACGCAGTATTTCTCGCGCTTGCAGCCGCCGACCC
AGCATCGCCTTCAGCGACAGCATCACCTGCAAGCTCTCCAGGCTCAGCCACTCGCCCAGG
CACAGCACAGCCTACCCGCAAAGCCTTCCCCGTCGCTGAGCTACTGTTGCAAAACGGCGC
AGAATTACCGATGCTGCCTGCACCCATCCCGCTTGGGCACTCGGCACGAAGCTATCTTGA
CTTCAAGACAGAGCAACGTGCGGGCAAACGTCCAGCACCTATGGTGGGAAGTCAGCCCCC
ACCCAACGTAGAAAAACTGCCGTCCTTGCCGCCTATCATGGCAGGCAACGGCAGCTCTCC
ATCAGAACGGGCGCGTGAACGGGACGCACGACTGCAAAAGCGAGTCTCGGCAAGCGGAAG
GTTGGTCAAAACCCCGAACATGGATTTGGGTGAAGGTAAGCGCGGCTCGTAGGGCTAGCT
GATGCTTATTTGTTTTCTGTTCTTCTAGCGTATACCTTCCCTAGGCGGCGTGTGGACTTG
TGCGATGGGCGTCAACGGGTTGAAGACGTTGCCATCGACGCGACGAGGAGATGAGTGCAA
TCTAGTCCAGGTTGGATGGAGGCGCAGTGCTGTTGGGAATGCGTGTATGTGTGGCCTTTG
ATGCATTGTACCATGTTCGCAGTGAACGGCGATTGGCTTGTTCTTCTGAGAGTCAGAGTT
GACTCAGCGACCTTGGAGTCATATTTTTTGGCGTGCTGTGTGTATAGTGTAATGAGTAAT
GGCAGAGCATGAGAGTCACGACGTTGTGAGATGCAAAGGCTGTGAGCCGGAATAGCGGTC
CTTAACGACCCCACTACCACTACCGTGTCTGTGCGCGAAACCAAAATTACTTTGAAAGTT
ATAACCGCACGCACCCCGCCGCCACAACTGCGAACGCACTCACTACCGCAATCATGGCGT
CCGCATACTCGAACCTGCCCATGGACGGCGACGACGAATTCGACGAGAGCCAAATCGACT
TTACCGACATCGAAGACCAGTTCCAGGTGCGGCTCGACGAGGGGCTCGATGCCTTTGTCG
TGATCGATGGATTGCCCATAGTCCCCGAGGACAGCAAGGCCAAGCTCGTCAAGTTTGTGC
TGAGGAAGCTGAACAGCGTGGGCAAGGTCAAGGACGACGGCGTGCACATGCCCGTCGGCG
AGGCAGGCAAGACGGAAGGGTATGTTGCATCTGGCGCCGCGGGCAATGGCAGACTGGACC
TAGGCTGACGGCATCACAGATATGCCTTTGTCGAATACAGCGCACCCGCAGAGGCGGTCG
CGGCCGTCAAGCAGCTGAACGGAACTGCGCTCGACAAGAAACACACTATGGCTGTCAACA
AGCTCACCGACATCGACCGCTACGGCAAGGAGGGCCGCATCGACGAGGAATACCACGCAC
CCGAGATCCCGCCATTTGAGCAGAAGGAGCACCTGAGGTGGTGGCTAGGCGACGCCGACA
GCCGCGATCAGATGGCCATGTACCGCCAGGAGAAGGTTGGCGTGTTCTGGAACGAAAAGG
AAGACCAGCCCGAGCAGGTTGTCGACCGCGAGAACTGGACCGAGTCCTTCATCCAGTGGT
CGCCCCAGGGAACCTACCTCACCTCCATGCACGCCCAAGGTGTCCAGCTGTGGGGTGGCA
AGGCATGGAGCAGGCAGAAGCGATTCGCCCATCCCGGCGTCAATCTCGTCGACTTCTCGC
CCAGCGAAAAGTACCTCACCACCTGGTCCCACCGCCCACTCCAGGTCGACGAGAACCACC
CGGTCCCATCGCTCTCGCTCGAGGAGGACGGCAAGAACTACATTATCTGGGACATCGCCA
CAGGCAAGCCCCTGCGCTCCTTTGCGACCATCGATGTACCCGGTGGCACCGACGCCGATG
GTAACCCCGTCAAGAAGAAGCTGCAGTGGCCGACATTCAAGTGGTCTTCCGACGACAAGT
ATGTCGCACGTATGACCCAGGGCCAATCCATCTCCATCTACGAGCTGCCGCGCATGAACC
TTCTCGACAAGACCTCGGTCAAGATCGAGGGCGTCATGGACTTTGAATGGGCTCCAGCAA
CACCCCGGAGAGAAGGTATCAAGACATACGAGCAGCTCTTCTGCTACTGGACACCCGAGC
TCGGTAGCAATCCCGCCAAGGTCGGTCTCATGTCCGTTCCCTCAAAAGAGATTGTGCGCA
CGCGAAATCTGTTCAACGTCTCTGATGCGAAGCTGCACTGGCAATCCGAAGCTGCCTACG
TCTGTGTCAAGGTCGACCGCCACTCCAAGTCCAAGAAGTCCCTCGCCACCAACCTGGAGA
TCTTCCGTGTCCGCGAAAAGGGTGTGCCTGTTGAAGTCGTCGATTCGATCAAGGACACTG
TTATCAACTTTGCCTGGGAACCCAAGGGCAACCGCTTCGTGCTCATCACCACTGGCGAAG

TCATTCAGGGCGCTGCTGTGGGTCCCAAGACTGCCGTCTCTTTCTTCGCCCCCGAGAAGC
TCAAGGGCGGCGCACCTGGCAACTTCCGTCACATCCGAACCATTGACAAGAAGAACAGCA
ACGCCATCTACTGGTCACCCAAGGGACGATTCGTTGTTGTCGCCGCTCTCCAGTCTCAGC
AGTCTTTTGAACTCGAGTTCTGGGACATGAGCTTCGACAGGCCCAAGGAGGAGTCTGAGA
AGGGTGACAAGGAAGTTAACGCCAACCTGCAGCTCATGGATACAGCCGAGCACTACGGTG
TAACCGACATTGAGTGGGACCCTACCGGCCGCTACGTCGCCACCGTTGCCAGTGCTTTCC
GTCATCGCGTATGTATCTTTACCGTCACGTCCTTTTGCTTCTGCTAACACCCACTAGATG
GAGAACGGTTATCACCTCTATGACTTCAAGGGTACACTCCTCCGCGAAGAAGCCATCGAA
GGCTTCAAGCAGCTCCTCTGGCGCCCACGCCCCCCGACCCTTCTCTCTAAGGAGGAGCAG
GCCGAAATTCGCAAGAACCTGCGCAACTACTCCAAGGTCTTTGATGAGCAAGACGTCGCC
AAGAAGAGCTCCGCCAACAAGGCTGTGGTGGAAGCTCGTCGCGAGATGCTAGATGAGTGG
CGCAGATGGCGCGAGGAGGTCACTGAGAGGTTGCGCGACGAAGGAGCCGACCTCGAGCTG
GCAACCCTCAAGGGAGAGACGCCTGGTCAGGCGGATGATGGGCACCAGGAAGAGATTGAG
GAGATTGTAGAGGAGATCATCGATGAGACCGAAGAGGTCGTGAATTAGGTAGTTGAATGA
GTAGAGACGAGTATGATAGTAACTCGAATGAACTTGCTGGGAAATGATTTCCCGAACCAT
ACAACCTATGACGAACAATGGCATACGATGATTCATCTCAACACGTTCTTTTTACAACAA
TCGTGAATGCAACAGCTCTTGCATCACTCATCCCTTATCGGAGAGAGAAAGGTTCAGACG
GTCGATTTCATATGACACAACCACGCTCACTATGGCCCGGTGTGTCTTGGATTAATTCTT
CCTCCTTCCTCCCAACTTCGCCTTGTAATGCTAGACCAAGTTAGCATTCCTTGCTCTTCA
CATCCGCTCGACCTACGCAGTTTTTGCTTCAACTTACCTCACAGCTGATTCTCAAACCCT
CTTCCAAGCCGACTCGAGGTTTGTAACCCAACAACAATCTTGCTTTTGAAATACTGACAT
AGCGATCGCGACATCCGTCACTCACAATACCCCGACTAAGCACTCCTTCTGTCCCCGTCA
TCCAACTAACCCATTCAGCACAGTAACCCAAACACCACGTCAACCCTTCCGGAACTCTAA
CGTGGAACCTTGGAACATGACCGAATTCCTTCCATACTGCTAGACACAAGGCCCTCGCTG
TGACAGGCTCGCCATTGGTAATGAACATGGCTTCACCAGCAGCAGTTTGCGAATTTAGCA
GATTGCCGACGGCGAGGACATGTGCGTCTGCTACGTTTTCTATATAAACAAAATCTTGCA
GGTTGGTTCCTGTGCCTAGGATGAAGGGCGTTTGGTACGCTGAGATACACGAGTGTATTG
TGGGGATGCACACGGTGTCATTGCGGCCAAAGATGGGGGCCGAACGCAGAGCACAAGTCG
CGAAGTCGTGCGTATTTGCGGAAAGAACAATGGATTCTGCGAGTGCCTACTACGAGTGAG
TTTCTGCTTCTTCTTTTCCATTCCTTTCCAAAGTTTGGGTAGATGATTTTGAATGAGAGA
TGTTACGGTGGCTAGGAGGCAGTACTTCATGTGAGCGAAATGAATAGTTGAGAACTTCTG
GTGTGAAAACTGGCATGAAACAAGGTGATTCAAGAGAGAACAGGCGCTTTCCAAGGAACA
GTCAAGGGAAACACAACAAAAGAGGAAATCAGTTACCTTGCTCTGTCCGTAGCTCGTGTG
CACACCACCTGTGGGCCAACGTTCATCTACGTTCCTGAAATCGCGATCCAATTCATCCAG
AACAACAGTCACACTACTCGTGTACACAAAAGCCTTTGCACCACACTCCCTGCTTGCTTC
AACAACATTCCTTGTTCCCTCGACGTTGATCTTGAAGATGGCGTCTTTGCCCCGCATGGA
GTATCGCTTCGTGCCTAGAGGGAAGACACCCACTGTGTGAATGACGACAGCAGGTCGAGC
TTCGGAAAAAACACTGGACAGAGAAGATGAGTCCATGATGTTGCAGCGGACATAGCGTAC
GCTATTGGTGAAGGTGTCGCTGCCAAGCGAGGGCGGATTGACGTCTATGACCGTGATGGA
GTATCTCTTGCTGCGTAAGAGTGCGGAGACGATGGCAGTACCTAGGAATCCACAGCCGCC
TGTCACCAGAACGCGGGTTGGATCCATTTCTTGACGTTTGAGGAATCCTCAGAGACGCTG
TGTGTGGTGCAGATTAGTGTTGTTGACGTCGGACGCGTTTCTTTCTTTGAGCGCATTCCA
GTCGATCTGTCTTAACAGCATGGAAGCATAGAGCTTCGTATTTGCAGTATCTGCAGCAGA
TCCACTCATACGACCGCGTACGGTTGTTGTTGGTAGGATGTGACGTCGGGTCTATGAGAG
AGTAAGACATGACGAGGCGCGTGTCGCATCCAAGCATTGCCCAATGCTTTCCCGCTGGAT
GTCTCGCGCAAAAATGCACTTCCACGAGACATTTCAAGTAAGGAACTATGCATGTTCCGC
ACTAGAACCAAACAAGAATGAACTAGGTAGTGATTGTTGGACTGTATGAATTTGTGCAGG
TTATCGCCTGAACCCGGTCCCATCGTTGGTGTCCGGGCAAATGATCTTGACTGCGGCGTA
AATCAGCACAATTGGTATCCTCCAACTACGACACATAATATTTACCACAAAATATTTGAA
CTCCGGACAAACGAAACACTTGAGCACGTATGGTTTCGGTGTGAACACCAGATTTCTTAG
TCTTTCGCCTAGATCATATCTTCATGGTGTTCCATCGCCGTCACGTTGAAGAAGGATATT
GAAAATTCGAAAAAATTACCCGACGACCACCACCACGATGAAGGTTAACGAACACCAGGG
TATATATCGCAAAAGTACCGCTCCATATTGTGATGCTGACTTTTTTCAGCTATCCTTACA
CCCCGCCTTCTTCTTGTTCCGTACAGTTCTCACCACGTCCCCACATACCACGAATGGATG
CAAGATGAGGTATACCAAGAGCCCACCATACTTCGCACTGTTGGGATATTTCCCAGGACT
GACTGGGACGCAGGAGTTGCAGAAGCTTACCGCATCCGAGCCACTGACGCTCCAGGAGGA
GTACGCCATGCAAGCGTCGTGGCGTCAGGATGCAGATAAATTGACCTTTATTATCTGCAC
CTCACCGAACACGCCAACAGCACCATCGGATCTTTCCACTATGGTCAAGGTCTCTCCCGA
AACGGAAGATGCACCCGACCGCATGGTAGGGGACGTGAACCTGTTCCTCTATCCGTGTGA
GGAAGGTGATGACGTAGAGCAACAGGAAGGCTGTGGGACAGAGAAGGTGGACATGGTCGG
CGAGTTGGAGATTATGATTGCTCGACCTAGCGCCCGAGGCAAGGGACTTGCGAAAGAAGC
CCTGCAGGCATTCATCTGGTACATATCCACATCGTTACCGGCTATTCTGGAGGAGTACGC
AAAAGGAACAAATGACATGGGCAAGCTGAAGTCTCTAAGCTACTTGAGGGTCAAGATTGA
CAAAGACAACACCCGGAGTATCAAGCTATTCAAATCGTTGTGCTTCAGTCAGGTCAGCGA
GCCTAACTATTTCGGGGAAGTGGAACTGCGGTCTATGGATATACATGGTGGGATAGCGGA
TGCTACTGGGTTTGCAAGAAAACTATCCTACGGGGACTGAAAGACAAGCATGTCCAAAAC
AAGCGACATGAAGAGCACGGGACTGTATGTCACGAGGCAAAGAAATCTGATTGTTGGAAG
TACCTGGCAATGTACACGATATAGAACACACGCTTCCGCTACCCGCTCTCCTGAACCGCG

CAAATGCAAAACCACCCAATGTTTATTGGTTCGTCTTGCCAGAGTTGTTTGGCTTGGGGA
GTTGGTCGAGGATGCTCTTGTTTTGTGGTGGCTGGTAGACAATCTTCCGTGTCTTTAGCG
GTGCCCACTTGTACCTGTCGTGATTGTTAGTTTCGAGTTGTAATGGTGAGGTGCGGAGAC
TTGCCTCTTGACCCAAACACTGAGCGCGAACAGAACACTGGTGACAGCGAGAACCTTCCA
GCCCATCTTCTTGCGGTCGTCCATCTCAGGCTCAGCGGTCCAGTTGAGGAACTCAACCAC
GTCCTTGGCCATCTGCGAGGTCGAAGCCTTGGTGCCATCATCGTACTCAACCAAGTCGTC
GTACAGAACACGGGCCATGGCAATTCCGGTACCGGGGAAGTAGGGGTTGAAGTTGAGGCC
TTCTTGGACAACGGCACCGGCAGGTGGCTCCTCGGGGTAACCAGTCAACAAGCTGAAGAT
GTAGTTGCAGCCGCCGTGGCGGGCCTTGACCATGAGCGATAGATCGGGGGGTAGAGCACC
GTTGTTGGCAGCGCGGGCGGCCTCGTCGTTCTTGTAGGGGGCAGGCATGTAGTCGGAGAG
CTTTCCGGGGCGCTTCTCAATCTCGCCCTGGTCGTTGGGCTCTGTGTCGTACTCGTTCTC
CTCGGCGAGCGCCTTGGCCTCATCGACTGTCATGAACTTTCCGACGACGGCGCGGTAAGG
CACACGGGAGATGGAGTGGCAGGAGGCGCAGACCTCACGGTAGACCTGGAAGCCACGGCG
GAGACTGTGACAGATTAGGGGATGCGCATGTGCGGTAGGACGGGAAGGACGTACGCTCCA
TGGTCGAAGGTCTTGGACCACTTCTCGTGCTCCCACGGGTATTGAGTTGGGTGGAGACTG
TAGAAGCATAGCGTCAGTACATGACTTGCGGTCGGATCATCTTTGGCGCACTCACCCTTC
TTCGGCTGGGGTCATGGCATCAACCTGGCGTCCGTAGAGATGCCAGTACCAGGCAGTCGA
ACCAACGGCGAAGATGGTGGCGCCTGCGGGGAGGGCGTTGTTCTTCCATGCCGAGGCGGC
GCCGTCGGCAGAGCTCGATGTCGAGGCAAAGCGCTGTATCACCCATTCCGTCAGCCAGAT
TATTCAATTGAGGCGGGACAAGCCCTTGTATTGCAGCCCGGCGAGAGATGGTGTCGATGA
AGCTCGCGCGAGCTGTCGGGGTTTCTTGGGCCATGCGGGAGGCGTACCGGTTTGCTGGAG
GCATTGCGGGCCGTGGCAGCGGCGGAGCGTGCCGTACGCAGTGCTGAGCGAGCCAACATG
GTCATGTGAAGCTGGCTCGGAGCAGGAGGGAGACTGGATCAATGGGTTGTCGTTGTCGGC
GGTGGTGATGCTGGGAGTAGGTGCGGGAGACACTGGCCGGATCATCAATTTCCACTAGCG
CCTGCCTATTATGGTTGCTAACATAAGGCAGCTGCGATTGGCTGCTCCTTCCACCTTCGA
ATGGTCGCTCCTTCCACCTTCGGGTTTCTAGAATTTGAAACTTTAGAAGTACTCACAGCC
TTATGCTTTATCCGTCCGGTTATTCTGGTCTCTTATTGAAACGTTAAAGCTCGTGGTTGG
GGCAGATAGTATCGCGTGGCATCACCTTTATATACATATTTTAACTTCTTTCTTCTACAT
ACGACCATAGGACACTGAAAATTAGGCTTCCCGTCCGCTCAGCCATATACAAGCAGTGTA
CCGGCGGATTAGTAGTTAGGTGGGTGACCACTAGCGAATCCCCGCTGTTGTATGTTTTTG
TCGTTTTGTTGTAACCCATCAGCATGGTATTTTTTTGCTCACGTCCAACATGTCTAAGTC
GTGGTAGGAGGGAGGTTACCGCAGACCATCAGCAATTAAGCACTATCCTGGGCATTCAAT
GTAGAATGTCATGTATGCTAGTATAGCCAGGGTACGACATGGAGAACAAGAGCTTTTTCG
TAGTAGGAGCCCTTCGTACTCGGAGCCCTACATTTCTCCAAAACTCCGAAACAAACGTCT
TTATACACGCCTGTCTATCGTCATGCTGAGATATACGTCGGAACATCATTCACCTAAGAG
TACGAGTTGCGACTGCGCTACTTGCTCTGTCCAACGCCGACAGCAACACGCACAGCATTG
TCATGTGACCCTACTTCTATACCCTTTCACTCATGCAGGAATTGCGAAAGGGCTCAAACG
AGGGCTAGGTCTTCTCTAGCAAGAACTGGCTGTATTGCCAGAACACACAGCGTCTCTGCG
GAGAGGGTGACGCTGGGAGGACTTTCTTGCGTGTTGAATAGAAAAGTCTTTGAGCAAGTC
GGCAAGGTTTATATACCGGCTAGCGGAACGTTCCACTAGGCCATATGTGGTGCGCAACAT
CAACATCAACAAGAGGGCCCTTGGAGAAGAACTCTGCCCGTCTCACTGTGTGCGCTTCTA
AAGCAGCGTGCTGATAGAAACAAAAGGTTGCTAGTGCCTTTGGGGCTGCCATTGAGTTAG
TGTGCTTGAGCATTTTCCGTGCTTCTTTCTACCTGGGTCCCTTGGTATTGTATGCACGTC
GCGCTGCAGCAGACGAGAAGCTAGATGCACCGCTTCACCCATCATGGCCGTCTCCTGGTG
TCAAGACCCGTCACCGCTCCTTGCTGCAGTCCCAGTCGACTGAAGCCGCGTCGGAACCTC
TTGCACACGCTCACGTCAAACACTCGCCTCCCTCGTTACCCCGCTGCCTCGCCGACACCA
TCTCTCCGCTCCCCTCCATCCTCCCGACACCCTGCCTTTGTCACTGTGAGGCACTGTTCC
CATCGACGAAACATGTGCAAGCACTTTGGCGCCGAGGGCCACTCGTCCATTGACATCACC
AAGGGCCGTGAGGTGCTGCCTGTCAATGTCAAGCCTATTCACTATGACTTGACGCTGGAG
CCAGACTTTGCCAAGTTTACCTACCAAGGCACCGTCACCATCGAGTAGGCACATGCGCAT
CTTGCACGACAAGACGCCCGCTGACACCACGCCAGTCTAGACGTCGTCGACGACACTACC
TCGATTTCCCTCAACACCAACGAGCTCAAGATCCACTCGACCAAGGTCACGGCTGGCCAG
CAAGTCATCACCGAATCGCCCAATGTCACCACCGACGACGATGCGCAGACGACCAAAGTC
AGCTTCGACCAGACCATCCCTGGCGGCAGCAAGGCGAAGCTTACCATGACCTTCTCCGGC
GTCCTCAACGACAACATGGCCGGCTTCTACCGCTCGTCCTTCAAGGCCGCCGACGGCTCG
ACCACATACATGGCGACCAGCCAGATGGAGCCCACGGATGCCAGGCGGGCGTTCCCCTGC
TTCGACGAGCCGGCCCTCAAGGCCAAGTTCACCGTCACGCTCATCGCCGATGACAAGATG
ACCTGTCTCAGCAACATGGACGTGGCGTCGGAGAAGCAAGTCGACAGCACCATCTCGGGC
GGAAAGCGCAAGGCCGTCACCTTCAATCCGACGCCCCTCATGTCAACATACCTCCTGTGC
TTCATCGTCGGCGAGCTCAACTACATCGAGACGAACAACTTCCGCGTCCCTGTACGAGTC
TATGCTCCAAAGGACCGAGACATTGAGCATGGCCGGTTCTCGCTCGAGCTGGCCGCAAAG
ACGCTGGAGTTTTACGAGAAGACCTTTGACAGTCCCTTCCCGCTCCCTAAGATGGACATG
GTTGCTATTCCCGACTTTAGTGCAGGTGCCATGGAAAACTGGGGCCTCGTCACCTACCGC
GTTGTAGATGTGCTTATTGACGAAAAGGTCAGTGGTGCTGCTACCAAGCAGCGCGTTGCC
GAGACGGTGCAGCACGAGCTCGCGCATCAATGGTTCGGCAATCTCGTAACCATGGACTTC
TGGGACGGCTTGTGGCTTAACGAGGGATTCGCAACCTGGATGTCGTGGTACTCCTGCAAT
GTCTTCTACCCCGACTGGAAGGTCTGGGAAGGTTATGTTACGGACAACCTGGCTAGCGCA
CTCTCGCTCGACTCTCTACGCAGCAGTCATCCCATTGAGGTGCCTGTGAAGCGTGCAGAC

GAGATCAATCAGATTTTCGACGCCATCTCCTACTCCAAGGGCTCTAGTGTCATTCGCATG
ATTTCCAAATATGTCGGAGAGGACACCTTCATGGAGGGTATTCGCCGCTACCTTAAGAAG
CACGCCTATGGCAACACGGAGACCGGCGACCTGTGGGCTGCCTTGGCTGATGCCAGTGGC
AAAGACGTTGGCAAGGTCATGGATATCTGGACCAAAAAGGTCGGATTCCCAGTCGTTACC
GTGACCGAGGGCGCCGACTCTATCCACCTCAAGCAAAACCGCTTCCTCCGTACAGCCGAC
GTCAAGCCAGAAGAAGACCAGACCCTGTATCCAGTCTTTCTCGCGCTGCGGACTAAAGAA
GGGGTTGACGAGGACTTGACGCTTTTCGATCGCGAAGCCGACTTCAAGCTCAAGGACCTC
GACTTCTTCAAGCTCAACGCAGACCACTCTGGTCTTTACCGGACCTCATACACGCCAGAG
AGATTGAGGAAACTTGGAATCTCGGCCAAGGAGGGCCTCTTGACTGTTGAGGACAGAGCT
GGTATGATTGCTGATGCTGGCTCGCTGGCCGCGTCTGGCTATCAAAAGACGTCTGGCATT
CTCTCGCTCCTGGACAGCTTCAAACATGAGGCAGAGTTCGTCGTTTGGGGGGAGATTACT
GGTCGCATTGGTTCCCTCCGGGGCGCATGGATGTTCGAGGACCAGAAGATCAGGGATGCT
CTGAAGAAGTTCCAGTTAGAGCTCAGTGCCGAGAAGGCACATGAGCTGGGATGGACGTTT
GATGAAAAAGACGGCCATATCGAGCAACAATTCAAGGGTCTCATGTTCGGTGCTGCCGGT
ATCGCCGGAGACGAGAAGATTACCAAGGCATCATTCGACATGTTTGAGAAGTTCAAAGCA
GGCGACAAGTCTGCCATCCACCCCAACATCCGCGGCAGCGTATATGCTATTGTGTTGGCG
AATGGTGGGCAAGAAGAAGTAAGTCGTTGAACTGCGATATGTGAAATCTGAACTAACCTT
GCTCAGTACGACGTCATTGTCAACGAGACACGAAACGCTGCCACAAGTGACGAACGCAAC
TCGGCTCTTCGCGCGCTCGGTCGTGCCAAGTCGCCAGAGCTCATCCAGCGCACGCTCGCC
ATGGCCCTCAGTGACGAAGTCAAGGGCCAAGACATCTACCTGCCCATTGCTGCCTTAAGG
TCACACGCAGAGGGCTGTCACGCGCTTTGGAAGTGGGTCAAGGACAACTGGTCGGAGCTG
GAGAGAAGGCTGCCTCCTAGCTTGAGCATGCTAAGTTCGGTTGTTGCCATTACAACATCG
GGCTTCACTCACCGGGAACACATTGAAGATATCCAGGCGTTCTTCAGCAGCAAGAGCACC
AAGGGCTTCGATATGGCGCTGTCTCAGAGCATCGACGCCATCAGTGCCAAAGCCGCATGG
CTTGAGAGAGATGCGGAGGATGTCAAGATGTGGCTGCAGGAACATAGATACCTGCAGTAG
AAGCAGAGTGTTGTGTGGATTGTTATGAACTATGGCTGTACAAATAGATGGAGATGAAAA
GCATTTACTCCCTGCGCCATCAATCCATATTGTCCCCAACAAACACAATAAGCTTTTTTC
ACGTTGGCAAGTCTAAGAATGACGTCAGTGTACATACCATAAGCGTAACTGAACAAATGC
ACCACGACAACCTCTGCGGTGCGGCAGGTCGGCTTTTACAGAGATGTGAGTTTAGTGTGA
CGTGAATTCATTCACCACTTCGTAGTGTAACTTCAGATGTGTGACCATGTCAGCCTCTTT
CCTATGACGCTATTGTACATGATGCTCATGGCTCTTTCTTGAATTATTATCAACCAAGTC
TAGGCTATGGTTCTACAGCTTCTGGTAGTCTAGCTTGCCCTCGAGCTTCTTTGACTCGGC
CATCTTCCGCACTGCCTTGTTGAAGTCGTCCTGGTTGATCGAGTCTCGGTAGTCCTTGAT
GGCAAAGAGACCACTGTGGTAGGTTAGCCATACTGTAGTCACACGGGAAGAAGATACTTA
CGCTTCTGTGACAACGTTGCGTAAATCGGCGCCGTTCATGCCATCGCTCATCTTGACAAT
GCTCTCAAAGTCAATCTCTCCGTCCGTCACTACGCTGCCAGAGTGGATTTTGAGAATCTC
CAGACGTCCTACTTCGTTGGGCAGGGGGATTTCGAGCTTGCGGTCCAGACGACCAGCGCG
CAGAAGAGCAGGGTCGAGCGTGTCTGGTCGGTTTGTTGCCATGATGATCTTGGTCTGTCC
TAGGTAGTCGAAACCATCAAGCTGATTTAGCAGCTCCATGAGAGTTCGCTGAATCTCACG
ATCTGCTGAAGTTCCCTCGGAGAAGCGTCGTCCACCAATCGCATCGATCTCGTCCATGAA
GATGATGCAGGGCTCGTGCTCCTTTGCGTAACCAAACATCTCGCGGATCAGACGCGCCGA
CTCTCCAATGTATTTGTCGACAATGGCCGAGCTGACAACCTTGAGGAAGTTTGTCTCGAG
ACTGCTCGCCACAGCACGTGCCAGTAGTGTCTTGCCAGTGCCTGGCGGACCGTAGAGCAG
CACTCCCTTTGGCGGCTTGATGCCTACTCGCAGGAACAGCTCTGGGTTCTTCAACGGCAG
CTCAATCACCTCACGTAGCTCTCTAATCTGCTCATTGAGACCACCGATACCGCCAAAGCT
AACCTGACCCGGGTCTTCGAGCGACATGTTGTAGACGAGCGGATCGACTTCGCGGGGGAG
CATGCGCATTATGGTAAGAGTCGTCATATCCAGAGCCACGCGGGTGCCTTGCTTGAGCTT
GGCCTTGTCGACCTTTGACCGGCATCCGACGACGTAACGGGGCCCTGACGATGCCTTGAC
AATGACTGCGGGGAGGTTAGTGTGGCGTCTCTCTCGGTGATGCAAATGCCCACGTACATC
GCTCCTCGTCTAGCTGCTTCAGCACCTCTCCTATTATCTGGCCGACGCTCTGCAGCGCCT
TGATGTTGTCTTCTGATACGTCAAAGTCGTGCTGGAGGCCCTTGATGTCCAGTCGCAGCG
CCTTGAGCTTGGCCTCCCATTCTCTCGACTCAAGTAGCTTGGACTTGTAAGCTTCGAGGG
CGTGTTCCCGCTCTTGGTCGCCGCTTCCGCTCATGGTGAGGTTGTGCGGTGGATGTGAGT
GTGGTTGTGAATGTAGTTGTAATGGTGCAGCAGGTGCGGGAGGCGGTAATGGCAAGGCGG
CCGGGTTTGGTGCGGGATCAAGGTGGAGGTGTAAAGCTATGTGCGGTCAGTGATGGCGAG
TTCCAGCCTTGGTCCGGGTGAAAGGTGGGAGGGCGAAGTGTCGGTGGTGATGGCGATGGT
ATTGGTGCTATCGCTGGTGTTGTTGCGGAATGCGGGAGACGGTCCGAGAAAGTGAGAGAG
CGCGGCGCGTCGTTGGAAGCTCCGACCCTGCATCATCGAGCCTGCCTATGACAACCGATC
CGTCCACGACAAACACACTGCACCTTTTTCATGATGCAAGCCAACGGGCCCCCGTCGCCG
AGCAAGGCAAAGCGCTCGCGTGCCGAAATGGAGGCTGACGGCGCCGTCTCTGCAAGAGAA
GCTGCGGCCCAAGTTCAAGACGGTATTGCCATTCCGCACCTCTCACGCGCGCCAACTTTC
TCACACCCACTGTAGACGATACTTCCTCCGACGACGATGACTTCGGTCCGGCTCTCCCCT
CCTCGGCGCCCAAGAGGAAAAAGCGCAAGCTGCCGTACGAAAAGCTCTATGTCGCTGCAC
TGCCCGGCGCAACCCGTTACTCCAAATCACTCATGCATCGCGAGCAACTGTGCTTTACCA
CTTTGACGCCCCACACCGACTTCCTCATAACGAGCTCCGTCGACGGCGTGGTCAAGTTTT
GGAAGAAGGACTTTGGCGGTATAGAGTTTGTCAAGGAGTTCAGGGCGCACAATGGCGAAA
TCAAGTCTGTCAACGTGAGCGCCGACGGCCGTAGCTTTGCCACTGCAGGCGCCGACAAGA
CGATCAAAATCTTTGACGTCGTCACCTTCGATCTCCTGGCCATGCTGACCGTCGAGTATA

CCCCTCGCGCGGTTTGCTGGCTGCATGGCCGAGGCGCAAGCTTTCCTCAACTCGCCGTCA
GCTCCGAAGAGAATGGTTGGATCCGCATATACGATGGCAGGGGGGAGAATCCGGAGCCTC
TGCAAACGCTCAAGAGTGTGCACAGGGCGTCGGTCAGCATAATGGCATACAACAATGAAT
TCGACTGTGTCGTAAGCGTCGATCAAGGGGGTATGGTCGAGTACTGGAGACCCAATGGAA
ATTATGAAAAGCCAGACAACGTATGGTCGCTGAAGAGCTCCACCAACTTGTTCGAGTTCA
AAAAGTCAAAATGTGTGCCCTCGTCGCTTACCATATCCCCCTCTGGGAAGCAGTTTGCCA
CCTTTTCCTTTCCTGATCAAAAGGTCCGCGTCTTCGATTTTGCAACGGGCAAACTCTATC
GCACATACGATGAATCAGTTGAAACCATCACGAGCATGCAACAGGCCGGCACCGCTGTCC
AACACCTAGAGGACATGGAGTTTGGTCGACGGATAGCCATCGAGAGAGAGCTTGACCAGC
CTACTACAAGAGGTCGCATGAATGTCATATTTGACGAGACAAGTAATTTCATCCTATATG
GCAGCATGTACGGAGTCAAAGTCATCAACACGCTGACTAACAAGCTCGTGAAGCTGTACG
GCCAAGAAGAATCCATCCGACCGCTATGGCTGTGTCTCTATCAAGGTCAACCAGAGAAAA
AGGGTGTCGTCACGGTCGAAATGGCAGCGAGCGAGAACCCACTGCTTCAAGAAGCCGAGG
CGAGAGACGCCATGCTGGTCTCTACAGGTTCTGGCAAGGTCCGCTTCTACATGTACACCA
ACGATGCCAGCGCTACCAAGTCGACCCGTGACGTACAGAACGAGAAACCTCGTGCCGCTG
GCGCCAATAAACAAAAGAATGATAAAACACTCGCTGCGACGGGTACGACGGCAACACTTC
ACACTACCTATGGTGACATCACCATTCGCCTCTTCCCAGACGCTGCGCCCAAGGCCGTGG
AGAATTTCGTCACCCACGGGCGCAATAACTACTACAACAACGTCATCTTCCACCGCGTAA
TCCGCAAATTCATGATACAAACCGGTGACCCACTTGGCGACGGTACAGGCGGGGAGAGTA
TCTGGGGCAAGGAATTTGCAGACGAGTTCTCCAACTTGAAACATGACAAACCCTATACGG
TGAGCATGGCGAATGCTGGGCCAAATTCGAATGGAAGTCAATTCTTCATTACAACTGAAA
AGACTGTAAGTCTCCATCCCCCCTCCTTTCTTTCTCTCTTTCTCTCTCTCTCTCTCTCTC
TCTCACTCTCTCTCTCTCACCATCAATCACCCAACAATGAGGCGACACGCTGACTGTGAA
TTATGTGTAGCCCTGGCTCGACAACAAACACACCATCTTTGGAAGGGCGATTGCAGGTAT
GGACGTTATTCACAAGATCGAGAACACCAAGGTGTACAAGGAGAAGCCGGAGGAGGATAT
CAAGATTATCAGTGTCTCCATCTCTTGAAATCGCGGGTGATGGGACTATCAACATGATGG
CTGAGCACGAGAAGCAGTTGCTGTATTGCTTTCAAAATGGGGGAATTGTACAGACCCACC
CACTGGTTAGCTTTGATACCTAATCGCACATGAAGGAATGCAAGTGTAATGGGATTGAAC
CAAATGACCAACTTGCTTGACAGATTTGATACATTAATCCATATTCATTCTTCTCCTATC
GATAATACTGCTTAGGGTTCGATACGTGTTCGTTTGCCTTATGGGCCGGTCTAAGATGAA
CGCAACAACTGCTCCTCAAGACGACCCAAGACATCATTCTGTGACACGATGAAACGCCGC
CAAAGCCGTGCGCACTGAACCCAGACCCGCTATATAATTCAAACAACGCCCGACAGTGAA
ATGGAACTGCACATCATCGCTACCCAAGTTCCTGGTATCATATGCGAATGCATGCGAGTA
CGCCGAAGCCCTCCATGAGGCGCCATTGTCCCCAACCAGACAGAAAGAAAGCTAAATCAA
ACCTATAAAAGCAAACCAGAGTGGCGTGCAGACCATCCTGTTCCTAGACGCCAGTAAATG
TAAAGTTGTGTGCAAACGTGTAGCACTCTGTGCTCTGCGCAACTACTTTGCGACACCCTG
AGAAGGCGAGCTGCGACCGACGGAGTGTGGTGCGGGCGCACTGGTGATGGAGGTGCGCTT
TTGAGCCCTGAGTACATCAAGCTTTTTCTTCAGCGCTCTTTGGCGGCTTCTCATCTGTTC
GAGAACTGTAGCAGTTAGCTGTGTATCCCTCGGAAGACATTGTAGCGGCACTTACGCTTC
TGGATCGAGCGTCGGTCTTCACCATCGAGACCATTGATTTCCTCAGCATCTGCCTTGTCG
TTGGGCGAATCTTCCTCTTCTTCCAAGACAGCTTGAAGCATTGTGATAGCAGTCCAGTAA
TTAATATCACAGTCGGCCAGATTGTGTCCAGTAAGCTCATCAATGGCTGCCTGGCGGCTC
ATTTCTAGGGATCGATCGTATAGCAGCTTTTCGGCCGTGACGCCAGTTGTAAGCAGAATA
TTCTCGGCAGAACCAACCGCAGTCGTAGAACCAGATGCCGCTGACTGATTCTGAGGATGA
CTGGGATGGTCTGCTGGTAACTGCTGCTGTGCCTGCTTGAGTTTGCGTGCAACTATCTCA
GATTTGACGCAGCACTCGTTGAATCGGTCGCGCATCCAAGAGACTACTTGGCCAAGTTTT
GCATTAGTTCGGCTTGCACCGTCAGGACCGCTGTTACGTCGAGTTCGGTTCCAGTAACTA
CCGGTCAAGTCCATGGCCTTGTTCAGCATCGCCAACGTTTTCACAAAAAGTACCAACGCT
TCCTCAGAGATGATAAGAACAGTATCGGGCGTCAGATCATCGTCGTCGTCATCCTCGTCG
TCAATTACATCGCTACTAGGCTTGCGAGCAACGCCAGTGGAGCCGATACCTAGAGCCGGG
TCGCTTGGTGCAACTGGGACGAGCTGGCTGTACTTGACTTCTGCGAAGCCGTAAACAACG
TGGCTGAGCTGCGCCAGATCTTCAATCCTTTTAACCGTACTAGTGTCTTCGTCCTTGCCC
ACCACTTTGCCTCCATCGCCGACCAGCAACATACTGCTTTGCGCAGTTGGATACGCAGGA
AATGCAGAATAGCCCTGTGGGGGAGATACGCCCTTCATGACGGGTGGTGATAGACCAAGC
CCTCGAATGTTGACCATGTTCATAGCCTTGGACAAGGCAGAAGTAGCGGTTTCGAAACTT
GGACGATACTGTCTCCGACTGTATGAAGCCGTGCGTTGGTGGGTAATGGTTGGCTTTTGT
TGGATCTGGATGGCCTTGGAAGGGACTGCGCCAGTGATCGATGTTGGGGACCCTTGTGTT
GTCGAACGTCGCTTCATTGGAACTTCTCGGTGAACGAGACGATCTCGTTGTGTTTGCGGG
CTATTGGCAATCTCGTCTGCGAGTGCGTCGATTTCCACACGGCGCTTCTCTACAAATACA
AATCCCTCGTCAAGCGCGTTGTCTTGTGCAGCTCGTTCTGCCGCTTCTTTCAGTACATTG
GCTTCCGCTCTCTGTGGGATCCGCTCGCGGTCAAAGTGCTCCTTGAGGCCGGTAGGTGTC
GATGCTTGCTCATCGCGAGAATATTTGCGCCTATGGCCGATGGTAGTGGGTGCGGCGGTC
TGATCCTGCAGTGTAGCGGTACGTCCTGGTGCGGTTGCCGCGTTGGTAAGAGTGGGTCGG
CGGTGTTCGCGAGTCGACGTACGTTCGTCGCTAGGATCGGCCGGGGCATTGTTGGCCCTT
CGTGCAGAAAGGTGTTGCGGTGGAGTGCTAGAGAAGTTACCGGAAACGGGTCTAGAGCTG
GGCCGTGAAGGCGGCGTTGTGCCAGGGGCTATCGTCCTGTCTCTGGGCAATGGCGAGTAT
GGATTATCAGCAGCCCTTGGATCCATTTCAACAGGCGCTTTCTGTAGTCGCCTAGGTGGC
TCGATTGGTGGTTCTAGTACAGAGGTTTGCATACGCTCAGAAGCTTGCATGGAGCCAGGA

AGGTCTTCGTCCACCATGTCTGGAATTTCATCACGGATGACCGGGTCTGAGAAGAAATGT
TCATAAGACATGCGCTCAGTTGGCTTACGCTTCAGGAGTGCGCGAATGAGAGTCTTCATG
GCCCTGCTGCTGACGAGACCTTCTGGGAATCGGACCTGATCCTTGCGCTCTTCGATTTTG
CGTAGCAATTCTACGTGGTTGTTGGCCCTAAATGGTGGCCGAGCACACATCATTTCGAAG
AGAACGGTTCCCACGGACCACAGATCAGCCTTTGCATCGTACTTTTCATATCGCAGAATC
TCTGGTGCCATGTAGAGGGGAGAGCCGCAGAGGGTTTCGGCCAGTGAGGTAGTTGGCAGA
ATCCTAGCGAAGCCGAAATCAGCAATCTTGAGCATGGGCAACGAGGCAATGCCAGTGGCG
GGTATCAAGGAGTTTGCGCTGGCGGCCAGAGGCATGCGTTCCAGAGTTCCACTCTGAGAG
TAGAATATGGACGATGGATTGAGAAGCAGATTCTGGGGCTTCAGATCACGATGGATGTAG
TTCTTGGATCGCAGAAACTCGAGAGCGCTGGCCATCTGCTTGGCAAAGTGGCGTACGACG
ACCTCGTGGAGGCCGCCCACGGCTGGGTTGGGGTACTTTTCTATCATGCGCTGGGTTTGC
GGGTGGTTCACGAGATCGGAGCGCTTCTTGATGAAGGCTGACAGGTCGCCGAGTTCACAA
AACTCCATGATAATGTGCATGCGCGATGGCGTCTCGTGGCAGTCGATGAGCGACACGATG
TGTGGGTGGTGCAGACTGCGCAAGATGGTGATTTCCGAGACGAGGTTGTCTTTGAGCTTC
TTGTTCAGCTTGTTCATGTTGACCGACTTGATGGCGACCGACTGCCGTTTCTCCTGTACA
AGGACGCAGTTAGCACTCGATGCATGCTTGAGAGTGAGGGCAGCAACGTACAATGTGGAT
GCCACGATAGACTTCGGCGAAGCTGCCTTTGCCAATGTGATGCAAGCGCTTGAACTTGCC
GATAATCTGCTCCGAGCCTGTGGCAGCGGGTGACGACGTCGACGGCGATGCACCCGACCG
CCGTGGGGCGTGCGGGTTTGGGGGTGAGGCCATGGTAGGCGGCGCTGGCTGAGCAGCCGG
GGCCCGGATGAGGCTGCTGGTGTCTATGTAGCCAGTCGTCAGCTACCAGCGAAGATGTGG
GTATAGCGTGGCCGTGAGGGCGTTGGACATGAGCTATCGTCGTGGTCGGGCTATCGATAG
CGCTGAGGGATGGTCGTGGTGGTGAACGCGACGGTGGCGGCAACGAGTATGCGGGCGCGA
TGGGCAGATGAGCGAGGAATACGTGAGATTGGATACAAGAAAGCAGAGCGGCGGAGAGGG
TTAAGAGATTAGGAGAGCGAAAGCATGCAGCGGGATAGTAGGTAGTGGTCAGTAGGCGGT
AGTCTGAGGCGCGCGGGACGTCTATGGCCGCACGTGCCGATAACGCGTGCTCGCCGCTAG
CTTGGAACCTCAGAACCTACCTTACAACTATCCTACTGCAACTAGGACAACGTCGACCAA
ACTCTGTTCAATCTCCTTGCAATAGCCTCCTGGACACGCTCATCGGGTTCGACGGATTTG
CTTGTCATGGTCCGTGGCTGCCATGGATAAGTTGCAGAGCGTAGAGTATGGGGCATATCG
CTGACCCATAGCCCCTCATTTGGCCGCCGACGTGACCTCCACCAGCACTACTTCGTCTCG
CCCAACTCTGACGTAATTGTCTCGAGGCTGTAGATGCAAGTCATGCTCCCCTGCGCAAAT
GGCCATGTGCATGGTGTTTTAGTATACCAGGCTATCTATTGCGTACCTGCATCCCGCCTG
ATGCGGCTGAGTCCGTTGCCTACAGCCTGACACCCCTCACAAGAGCCCATAGTATGACTG
GCACTATCACATTGTCGTTTCCGCCTGTGAGCACCGCCTCGTTGAGGCTCGCCCCCGCTG
CACATAGACCTGCCTTGCCGACCATGAGCAGTGCGTCTTGTACCCACTCGCTCGTTGTCT
TCTGCCCTGCCTGGCCACTGTCCCACCCAACGTCAAGCCAGACTCTACTCACAACGAGCC
CTATCGACACTGCAAATGCAAATGCTAGGGAGCCCTCGAGTGACTTGCCGCCGGCCCATG
GCCACTTCCGCCGTCCGTAGCGACGGCCGATGAGAGATGCCGCGGCGTCGCCCATGCCAA
CACAAACCACCCCTGCCACCATACTCACATCCCTATCCTTGACATCCCACCCTTGCCATG
GCTCATCGCCAGCCCGTTCTATACCTGCGAGCGATAGCCAAAGCGGTATTGCGCAGCCTA
TGAGGAGAAAGATGTGTGATACTACTACTGGACCCCGGAGATCACGACCGTCTACGTACG
GCGTGAGGAACCTAGCAATGGGTTTCGACAGTGGTGGCAGTTGCGAGGCACGAATCAGAT
CCAGAAGGAGAAATATCGCAAGCACCAACGCAAGGGCTAGTGCGACAAAACAAGGATCGA
TGAAGATGGTCGGAAGAAGCATCGCGACCATGGTGCCATGGAACACCTTTCTGCGCGTAT
CGACTTCTACAACCGCGGAAAGTGAGAAGACTGCAACAAGGCCGGCAATGATAGTTCCGG
CACAGTACAAGCACAGCAAGAGACGTGTGTTTGCTTCGCCTACCACTAAGAAACGCACAT
ACTCCGCAGGTGATAGATGTTGTGCGGATTCGAGCATGTCGTCAGAATCCAGTCTCGTCG
GTAGTGGGACCCACCAGTCCAAATTCCACTGGAACACCTCCCATCGCACGCGTGGTACAT
TGCCGAAGAGGTAGCTGATGGCCCATCCAAACGGTTCGTTGTGGTGGAGAGCATGTTCGC
CGATAGTATACCGAATTGGTCCAAGTATTAGCGCGACTACAATCGCATAGAAGTATCCTG
CGTACAACCACTTCCTCATGGTGGCCTCGGTCGGTGTGAGCGACAGGTAGGACTGCACAA
TTGATCTCGATCGTTTTCGACTCGAGTACTGATGCTTTGATGTATGGTCTTCAGCGACGA
GAACTGGAAGGGTGTTCCTTCGCCTGCGTCCGCTGCTATGGTTGGCTCTTTCGCCACCAT
TCGATTGCTGAAAGCCCGTATTTGTCGCTTCAACCGCGGATCGTGGCTCATCGCCGTCCA
TGCGAAGTCTGCTGTGTTTCGCAGAATCTAGAATGTTGACTTTCAGACTCTTAGTCTTGT
GGAGAGCATTTTCAAATGCAGGATCTTCTTCATCCGCATCACTATCACTCGCATTTCTCA
CCGAACCACTCCCGCCGCGCCTGGAACCCAGGCTGTGGTTCAGGACCTGCAAGAAATTCT
GTCGAGCTCGGATGACTTGGCCAGCACGCCGAAGCCTCCATCGCGGAATGCGTGCAAGTG
CAACACCCCACTTCAAGATCCTGCCGCAAAGCAAGAAAACACCCAGCCCGCCTAGCCACA
GCAAGACAGTGAGTATGGTTGCTTGAGGAGTTTCCGAGAATAAGAGGAGGTTGATGAGCC
CAATGGAAAGCAAATGCAACTCGGCTGGCAAAAGGCTCGTCGTGGTGAGATAGTACAAGG
GCGGTAGTAGCGCCTGATGCAAGGGAAATAACATCACCAGAAGTTCTGGGTCTACACCTT
GGTTAGGCGGGGGTAACTTGAGCTTGTATGGTGTCTGTGCAAACAGCCGAGAGGGTATAT
CGGTGTTCTCTGAAACGATCAGGGGCATGATGGATATCAGCCAGTGCAGAGGAGAGTAGC
CCAAGGTAGCGCTTCTGAAAGGAACAAGCCTGGCTGGTAAAGCGGCTAGTCCAAGCAACA
TGTTGGGTAGAAGGGGCTTTGACGATGAGGCAAACAGGGAGATCGCAATCAGGACGGGCA
ATATTGGGGGGTAGAGGATAGTGGCCGGATCGAAGGCGGCTGGTAGATGTATTTGACGGC
CAAGCCGGAGTTGAGAGTGATTTCTCCATGAGTAGTACAGAAGCCGAAGCGGATATAGCC
CCAAAACGCCAGCCATGACAGAACAGTGTGTCAACAGCTCTACTAGACACAGGTCAGCAT

ACTTTGGCGCAGGCAAGGGATGCGGACTGACCTCTATGCCATGCCAGCAGTTTGGTCCAG
CAGTCGCAACCACGGACAGCCAGGACGGCAATGCCCGCAAGCAATGCAGTCTCGGTCGTT
CTCCTGACCAGCTCGTTGCGCCGCCGCTGGAGGTATCTCTGCCTGGCCGCCCTCGCTTCG
TCGTCGCTATGGTATACGTCTCCCTTGCGTCTCGTCTTGTTGTTGCGAGCGAAGTAGCCC
TCGGAGAGCTTCCTCCCCTCATCGTCAATCTGTGTGGGGGTGAGGAGGGGGCTCGCCCAC
GCCTCTGTGCCCAATGCCTGGGACTCACGGAGGCCCTTGTGCGGTCGCAAGGGAGGAGCA
GGCAGTGCCTTGACAAGGCTGCAGCCCTCGTCGTCGGCCTCGGTGCCGCTTTCACTTGGT
GATTGTGACGGCGTTTTCCTCATGGTCTTGTCTAGGGGCCGAGGCGGGGTTTGCGATTGC
GATTGCGAGTGCAGAGAAACGTCGTGCGCCGGATCTGGCGACCGTCTCCGTAGCTGATCT
CTATGATGCAAGTACGGGTGGGGCGAACGGCGGAATTGGTCGAGTTGTTCGATGTCGTCG
GGCGCAGGCGCAAACGCATCCAAGGGCGAGTCTGGCGGTGCCGTCTCTTGCGCCATCATG
ACCTTTGCTCTGTTGCTTGTGCCTGCACGACTACAGGGAAGTCGCGCGGCACAATGGTCA
AGAGTTTATCGTGGATGCACGCACATTCAAGTCATATGAGGCGACAGTGGCCGAGGGTTG
GCAGCGGTGTTTGCGCTGTGTCTGTTAGCGAACCGCTCTGCCAATTGTACGTGCGGTGCA
ATGCGATGCAGTGCAATGCAGAAATCACTGCGAGAAGACAAATTGGCGTGTCGAGCGGCG
CCGAATGCAGCGCATGTCGTGTCGAGTTGGCGATCCTCACATGTGAACACGGTACAGTCG
GAAGACGCGAACCCATGCATGACGGAGGTCTTGCTTGGCGTTAGGGTCCGCAAAAAGTTT
CTAGCCAAGACAATTCCTACTACACAGATCTCTTCCGCGCAGGTCAAACGGCAACCACAA
CCATGTCGTCGTCTTTCTTCACCACGCCGGCCTCGCAACGGAAACGGAAGCGCGGCGAAG
TCGCAGCCAGCGCCCCCAAACGTCGCAACACGGACGCGCATGCTCGTCGCTCCCAGCGAG
AAGAGTCCATCAGTGGCAGCGACGAATCCGACGGCGACGGCGCACCCACCTTCGACGACG
ACGAAGACGACGCAGACGGCGGCTCCACCACCTCTGAAGATGAGAACGAGACTGCGGCGG
AAAAGCGTCTCAGGTTGGCAGAGCGCTACCTCGAGAACATTCGCAACGAAGTCGAGGAGG
AAGTGGGCTTCGACGCCGAGCAGATTGACAAAGACCTCATCGCTGAGCGACTAAAAGAAG
ACGTCGCAGAGGGAAAGGGCAAGATCTACAGGTCAATTGCCACCGAGCTTGACTTTGAGC
ATGCATCGCATGCCACCGGCTACTCGGGGCTGCAAAAAGCTACAACAGGATGTGCCGTCA
AGCTGCCGTATGCCTGGACCATCAGCAAAGATCTTGTCGTCGAGAAGTGGGAAATCGCTG
ACCCAAAGTCGTATGCGCCTGACCCCAGCCGACCGTCCAACTTGACGCCGCGCACCACAC
CAAAGAGGCTCCTCTGGCGGAAAGGGAACAAGAACAAAAAAGGCGACCGCGCCTTCCTGG
GCCACACGGGCGAGATCGTATCTATTGCTGTCTCCGACTCGGGAAAGTACCTGGCCACTG
GCGACAAGCATGCTCGCCTGATCATCTGGGACGCCGACACTCTTACACCCCGTCACCTCT
TCACTCGCCATCGAGACGCCGTCCTCTCTCTGTCCTTCCGAAGGGGCACCGAACAACTCT
TCTCTGGCGGTGCGGACCGAGCTGTCATTGTCTGGAGCGCGCCGGAATCAGCATATATTG
AGACGCTTGTCGGACATCAGGACGCTGTCATTGGTGTAGCAGGCGGGCTGGAGCTCAATC
AGGAGACTTGTGTCAGTGTAGGCGCAAGAGATCGCACCGCTCGCTTGTGGAGAGTCGTCG
AGGAAAACCAGCTCGTGTTCCATGGAGGCGGTACGGCTAGACAAAAGGGCCTGGACAAGT
TGCGCAAAGGTCGATTCGGAAAAAATGTTGATGGAGACGAAAAACAGGATGAACAGGCCA
ACGGTGGAACGTCCGACAATGACGATGACCCGCCCATCGCATATGCTGAGGGCTCCATCG
ACTGCGTTGGTCTTCTCGACGCCGGCTTGTTCGTTACAGCATCTGACAATGGTGCACTGT
CGCTATGGTCTGTCAACCGGAAAAAGCCTCTCTTCACATACCCACTCACTCACGGCCGTG
ATCCACCGCTCTCGCCCGAGCAAATGTCCGCCAACGACGACGCCGCAACATCAGTAAAGC
CCGGTCCCCGGCTTCCGCGATACGTGACTGCGCTTGCTACTGTTCCTTTTGCCGATCTCA
TTCTTACAGCAAGCTGGGACGGCTGGATACGCGCGTGGAAGATTACAGCGGACAAGAAAA
GCATTGAGCCAGTGGGCAAAGTAGGGCGCGTACCGACGGTGGAGGACGAGTCTATGGTTA
ATGGCGACGCCAAGGACGGTGCTATCCTTATACGAGGTATCGTCAACGGCCTTGCGGTAC
AAGAGAGGGGAGATAGAGGCAAGGATGGGCTCTGCATCGTAGCCGCCGTAGGCAAAGAGC
CCAGGCTGGCTCGATGGATGTCTGGGAAGGTCAAAAACGGCATTTATGTCTTCGAGGTGC
CTAGAAAAGGCTTGACCAATGGTACGGCAGACGAAGACGAGGAAGATGAAGAGGAGGAAG
CATAAGCGAAAAGCATCTTGCATTGTCAGGCGTTTGTGGATGCATACTAGATACCAATTC
GATCACGCATTTGGTGCCGAACCTTGCTGTCGGCTTCTCATCCGAGATGATTTCCTCCCG
CCCAGCTCACATGTGGTTTGTATGCGCGTAGTGCCTTCTGGAATCGTGTTTGTGTTTCTT
GTTAGGCACCTTGCTCCCATGATCTTGTCGTTGCGTTTGAATAGCGCGTGGCTCGAAGAT
ACAAAGGAGATGGGTAAGATGACCACAGATACACACATGGGCCTACTGCTTGTTCGACAT
CAACTGCGAATGTCTATGCAATGATACGTTATCGTCAAAGGCAGAGGTATTATGCGAATA
CCTCCCGGAACACGCTAAGGTCTTTTGGTGTTGGAATCGAGAGCGAATTCAGTCCTGGAA
GTATACATAGTATTTTGTGATACAGTTTTGCGAAAAAGTAATAGTGTGTAGCTTCAGGGC
AAGGAGGATATTAAACTGCTGTGAAGACAATAATATTCCTGTAGTTTGCAGTACCATAGA
CACAGCGACTGAACAGTCAGGCCGGCATTCCAGGCTTCTAGGCGATCTGTCTACCTGTCC
ACGACCCATATCGCGTGTTGTTGTAGGCGAAAAAGGTTTACGTTCTTTCCTCGAACGACG
TGGGTCCAGTATGCAGCTAAGATAGGCGAACGGCACGCACCGGCCGATGTCGAGAACCCG
CTCCATACGTTGGCTTTGTTCGTTGTTCCAGTTCTGTATTGGAACGATGGATGGGCGTAT
ACTGGACGTGGTTTATACAGCACGCTGTCTTGGTACGTGAGCGCTCTGAAACACGTTAGA
GGCAGCTTGTTCCACAGACATGCTCTGTCGACGGTGACGTTGTTGTCGAATAAGCAAACA
GTCGTCGCTCCTCATGACTACACGTGTCAGACACCCGACTATGCCCTCGTTGGGCTGCAT
GAGCCGCATCGTTTGGGCTGCTAAGCGGTCAGTGAGGCCGCTGAGTTGGAACCACGTAGC
CGGCTAGACAAAGGTAGCATGACTCCCAGCGATGGCAGTACTGCTGCAGGATGATGAGGT
GAATTTAATAGCAATGGCAACGGGCACTGTAGATGGAGTATAGTAGAGCGGCTTCCACAT
CACATCGCAGACATTACATCGCTGTCGTCATCATCAAGCATATCTACTATTGCTTCAGCC

AGACTATGTCCGAGCCAGCACAATCGTTTTCTGCGCACTATTGTCTGGACTGGAGGGTTG
GGCGCCGGCCTTGAAACACGAATTCCTACTATATCGATTTGACGTTAGAGACAAGACCGA
AGCACGACACGACACAGCCGCCTAGTTAGAACCAAACCGTTTCGGCAGCCAGGGTTGACG
CTTTTTCTGCTCTCCTGCCCTCCCCAAGACGTCGCCCGACTGTCCCGCCTGACCACAGTC
TGCCGTGGATTTTGAGATTGTTGTTGTTTACCCATACGCCACTGGTTATAGCGTACCGTT
TTTGTGCTTAGGCAACCTTGGACAGCAACCCATCTCCTGCCCTGCCCCGCGTTCTCCTAA
CATCTTCTCGCGCCCGCACCTGTGCTCCACCTCCAATCCTCCCTTCGCCCACACCGCACC
GCACCTTGCTCGCGCACCTCGGAACCCTGGACTCGGCCATTCTCTAGCAGAAGGAGGCTC
GAGTGCGGTTCCGTCAGCACCACCAGACTCATGCCGTTAGTCATAGCCCATCTCCCCCAA
CGTCGCGCCATGCCCCATGCTGCGTCGTCGCGGCGCTCCGCTGTAAAGTCGCGCGCAACA
CACAGCACCGCGCCGTCGAGCGTGTCCATTTCTCCTCCCCAGCGCCGCTATCATGTCAAG
GGCGACACTAACGTGGCCATCAGACTCCGGAAGGGAATCACAGTCAATAACCACACGGGC
GCCTTCGAAGACGACGACGACTTTACCGACGAGGACTCGGCCGGCATCCAGGTAGTCTCC
GCCAGCGAGGACGAATACACCACCTCGGAGGCGACCGACGAGGAAGACGACGAAGAAGAC
GAAGAGGGCGAGGAAGACGACGACGACGACGAGGAAGACGAAGACGACGACGAGGAAGGC
TCGTGGGACTACATAGAGGACGAAATCAACCCCTCCGACTCGGCCTCGCGTCCACAAGTC
GTCAGCAAGCACCACTCGGCGCAGCGGCACGCTGTCTCGCATCACGCTGTTGCACGCCAC
GTTATTCCCCCACCTGCTATAGCCCCTCCACGTGGACCACGCACAAAGGCCTCGCACCGA
GATCGAGCCTCTTCGCGTCACGCAGCGCCCGTCCCAGATCCTCCCTCGCGCCACGAGAGC
CAAAGTCGTAGCCGCAGCCGCAGCAAACTGGAGCGCACACGCAGGTCGAGGCGGCCAAGG
CCCCAATCCGTCCATCAGGACGCTCTCGAGGTCGAGGACGACGACTACCCATACGGAGCC
CCGCCCCACCCTGGCCATCCTCCCGGCCATCCCAGTGCTGGCTGGGGCCACATACCCCAA
CATGCTCCCAACGGCTATGCGCCCAGCTTGATGTCGGATCCACGCTACCCCTACGGCGGC
TTCCCGGGCGGCGCACAATCGCCCCCGGGTCAGCTGGTGCCCTTCGGTCAAGAGGCACAC
TCGGCCTATGCTCAGAACCCCTTTGCCCCTAACGGCCAGAATCCTTTTACTCAAGGTCCT
CCTTCGGCTGGCGATCCACGCGGCGGTTACTTTCCCGATTACCAGGACCCGCGCCATCAA
GACCCACGCCACCAAGATCCGCGTCAATCACGTAGGGGTCATCGTAAGTCCATGCCGGCG
GCGCCCCAAGCAGACATGATGCCTTATTCACCAATGGGCTACTACCCACCATACGGTGCT
TCGCCCTATGGTGGCATGCCACCGCACATGTATCCGTACGGACATCCAGAGCATCACTCT
CCACCTCCACAACACCCGCCTTCGCACCCACCCTCGCATCCACCCTCGAAGCGTCCTACA
CCGAAGCCCCAGCCTCCGCCTGAAGAAGAACATCATGTCCCCGCTGCACCAGCTCCGCCT
CCGCCCCCACCTCAGCCTCAGCCAGCCCAAACCCCTGCTGACCAGATGCAACTGCAGACG
TTGCAGCAGCTTATGCAACAACAGCAGTTGCAACAGCAACCCATGCAACAGCAACTCATG
CAGCAACCCATGCAACAGCAGCTCATGCAACAAATGCACCCTATGGCTATGATGGCTCAA
CCTCCCCCTCCGCCTCCCGCTCCCGCGCAACCTGATCCAAAGGAGGAGGGCATGCTCTCC
AAGCTTGAGAAACTCTTATTGGGCAAGGAGGAAGAGGAGAGAAAGGCGGCCGAGAAAGCA
AGAAGAGACGCTGAATTAGCCAAGTTCGATCGCCTCGAAAATCTGCTCATTGCCCAACAA
GAGGCTAAAATCGAGAAAGAAAAGGCTAAGAAGGAGGCTGCCGAGAAGGCTGCTCAAGAA
GCTGCCGAGGCAAAGAAGAGGGGTGATGAAGACAAGCTCGCCAAACTCGAAAGCCTCATC
CTTGCTCAGAAAGACGAACAACTCAAGCGTGAGGCGGCTGCAGACGCGGCTCGAGCAGCC
GACAAGGCAGCTGCAGATGCGGAGGCAACCAAGATTGCAGAAGAAAAGAAAGCCGCTGCC
GAAAAAGCCAAGCTGATGCTCGAAGCAGCGCAAAAGGCACGTGAAGAAGCTGAGAAGAAA
GCCGCCGCAGAAGCCGAGGAGACCAAGAAGGCCCATGAGAAGGCTTTGGCAGAAGCCAAG
GCTGCTGCGGACGACCTGGAAAAGGGAAAGAAGGCTGCTGAAGAAGAGGCCGCCAAGTTG
AAACCATCCGACGCTCCAAAGGCCCCAATCAAGTTCAAGGATGCTGTTGGTCGCAAGTTC
AGCTTCCCGTGGGCTCTGTGTAAAACATGGAAGGTAAGTTGTCTGGGTAACAGGTCTCAA
TTTGGAGCTAACATTCGGTCAGGGCATGGAAGAACTCATCAAGCAAGCTTTTCTGCACGT
CGATGTGATTGGCCCTCACGTTCATGAAGGCCACTACGACCTCGTCGGACCGGACGGCGA
GATCATCCTCCCCCAGGTCTGGGAAACCATGATCCAACCAGACTGGGCCATTACTATGCA
TATGTGGCCAATGCCTGAACCCCCGCCACCACCACCGGAACCGCCCAAAGAAGCGTTTCC
TCCACCACCGCCCCCTCCACCGGATGCGCAAGTGTTCCTGTCCAGCCACCTTCCGTTGAA
AGGAAAGGGCAAGAGGGACAAGAGCCAGAAACGCCAATCCCTCCCTCAGGCACATATCGT
GCAAGTGCCCCCTCCTCCTCCGGGTGTCATGCCTGGTCCTCCACCCCCACCGCCGCCTCC
TGGACATCCTGCTGGTGGTTCCCCCCCTCCTGCAGTTGTCGTTATGCCCAGTGGCAGTGG
CAGCTCCGGAAGTTCTCGCAAGAAGCCTGCGCCATCACCTTTCTTCAGATGGGCTGCTGG
CACCCAAGTCAGGAAGAAGAAATAGGCTTGGTCGCAGAGAAACCAGAAATGGTCGACTGG
ATCCTCTGAGGCTGCTGCGGAGTTGAGCGTCAGTGATGCTAGTAGACTCCTTCACGTTTT
TGAACAGTCATGCCCCGTCCCCGCTGCAGCGCTCTTCGGTTGGCCGCTTAAGCGCCGTCT
CGATGCTTCTTTGTTTTTCGCGAGATATACCAGGTACTGTTGGGGAGTCGCGATACGCGC
CTTGATCTTCTGTCATTTGTCACTTTTCTATTCGAGGCTTTTTGTTTTCGATTACAAGGA
AAAGTTCAGATACCATGGTCGTTTTAGCGTCGTACGTTTCGTATTGCGTGTCGCTTTGGC
CTCTGGACTACCCCTTCTGGTTTGGCGTCGGCGTTGCGCTTGATTTTGATTTAAGTATAT
GGCTGCGAGGGTCAGTGAACGCACGGACTACCGACTTATGGGACAATCGTGTGGTTGGAT
TGATGAGAGTTGATGATAATACGAGTAACGAATCTGGACAATGAAAGGAATGTTTGTTGA
AGCCATGTTGTATGTTGATTAAGAAATATGATACATATCCTAAAATGCCGATCAGCTTCC
ATCCGTTGCCCAGACATGCATTAGGATCTGGACAGGGGGTTGATGTCGCTAACTTCCCTT
ATCCACCTACGTCATAATCTTTGCGCCCTATCCAAGGAACAACACGATGACCGTTAACTT
CGAGTCGCCGCTCCTGCAGTAGCTCAGAAACCGGATTTCGGCTTTCACTTACTACGAAAC

TGCTGTCGATATCTCATCAAACATTTACATGTTTTGCTTCTTATAACGTCGAAAAGTGTT
TCAATACAGTCCACGCACGAGCTTTGTATCTTTCATCAGGACATTCACTACCCTTCGTAT
TCGAGTGGCCCAATATGTGGAAACCAAGCCCTTTTCTTGGCATGCTCGTCGCCCTCATCA
TGACCGTGTTGGCCGCAGCTGCTGACGAAGCAACGACATCATACACGAGTGACAGCTCTT
TTCAGGACGACTTGATGAACGTCACTAATGAGTATCGTGTGCAACACAATGCATCAAAGC
TTGAGTGGAACACGACGCTATCCGACTACGCTCAGGACTTGGCAGACGGTTGCAAATTTG
AGCATAGCGTACGTTACACCACTTGATCCTAGGCCAGCACGCGCTGCTGAAACCCGGAAT
CGATGTCTCGCTTCCAAAGCGACAATACCCACAGATGGGAGAAGGATCAGCGGCTCGGGA
ACTACAATGACATGTCGACTGCGCTAATGCTAGAGACCGTGTAGGGCGGACCATACGGTG
AGAATCTCGGTTCAGGATATGGCAGCGCAGAGCTTACCGTCATGGCATGGGGAAATGAGA
GCACGAAGTACGATTTCAAGGCAGGGGAATTTAGGTTTGTTCAACTCTCTGTTTACGCCA
TGTATATACGTGCTTACTGACTTTACCAAGCGAGGAAACTGGCCACTTTACTCAACTTGT
GTGGAAATCGACAACCTCAATGGGGTGCGGCCGCAAAGAATGTAATGGTGGTACCAGTGG
TGGTGAGGGCGATGCTCCGGGGTGGTTTGTCGTCTGCGAGTACTGGCCTCGGGGAAATGT
GGTTGGACAGTTTAAGGAGAATGTGCAGTCTACACCGCAACAGGATGCAGAGTCAAAAGC
ACCAAGCACAGCGATCGAGAAAGTACTGTATGTGTGGATCGGACTCGTCACTGGATGGAT
GGTCGCTGTATGGTTGTGAAGACGTAGCGAAAAATGATGTATCGTTTCTTTATATGCAAC
ACCTTACTAGCGGATACGTGAAGACGGGACGGTTGGTGCCGGGCCAATAAAAACAACCAA
AAGGCAACTGTGACAGTAAATTGTTCACAACACAACGGGCTATCACTTCATTGAATCGCT
GCAGTCGCCCTATTCCTTCATTCATGTACTGCGCCGCGAAGTCCTTTGTCATATCGATCC
TAGATGCATCCTGCTGCCAGCATGCCATCCCGAGAGTACCATGCATGATGTTGTGACCTA
CATGTAGTCTACCGTTAGGCGTAAACGTATCTTCATCACGTATTTGTAGATGATTCTATG
TTTGCTTGAAATCTGATTGACGACCTACAAGTCATCTACATATGTTGATACAACCAGTAC
ACAAGACGGGCACTGTCTCGAGGGTGTTTGCTTCACACTTTCCTACTCTAAGATAACACT
CTACTTCCCAAAGATGGCTCGCATAATCGGCTCCACAACAACTCTGAATCCGATCGATCG
TCGTACCTGCTTGAGATCTCATACTGCACCTAGGTCCAGTCGAAGACTTCGAAATCAACA
TGATACGCAACAGACCACAGACTCTACTACGGACAACGTCTCAATAGCCCAAAGTCCTCC
TAGACGCAATGTCCAGCGGATGATCGAAGTTCGCATTTCCCGGAAGATCACCGTCCTGCC
CGATCGACTGTTGGAGGAGCAACTGATGGTTCCACCTGCACCTATGTACCAGCAACTGGT
TGATCTTCATAGATACCGGCTAGGGTCAGCGAGATTCAGACTGTCGCGGCAAATCAGAGA
TGGAGAGTGCTGGCGTGTGCTTCTCAACGACACTGAAGTTGTGGGCCCTCGCGGTTGTTG
GGTAGCTCGAGGAACAACGAGCTGGCGATATCCTTTTGGAAGTGCCTAGACCATGTACCG
GGTACACAACATCAATCGCAAGAACCTGAACCAGCATTTAGGGGAAATCTGCTATACACG
CATGCTGCCATGAATGTTATGGGATTCAGATACGCGTTGAAGTTCACCACCATCGTCGGG
GATGTGCCCCAACAGTTCGAAGTATCACATCTCTGCGGACACTCTCACTGCTATCGACCG
TCCCATTTGGTGCTTGACTCACATCGAGTGAACCTGTTGAGATCACGATGCCGTGGCTGC
GGTAAGGACAAGGAGGGGGCTGATTACAACCATTGTGTTCATGCCGACCTACCAGGATCG
AGTGGACGACACTGCTTTGGACACGAACAATGTCCCGAATACTGCCCAGAGCGCTTGAAA
CAAAGGACTTCCGCAGCTAAAGAACAAGGAAATGGCTAGAGGACTGTTGAAAGTCATAGG
TACACTCAATTCTGGGCTCTGGTATCACGACTGCTTACGGGCATTACTGCTTCGAACCTG
GGGGATGAATACAGATTACCAAAGCGCACGAGGCTTGCGACGGGAAACAGGAGCGTTTGG
AGGTAGGAAGGAATCGTCTGGTGAAGTGGGAAAAACAAGCGTTTCAAACGCTTGCAGCTC
ATGAAGCAAGGTATCATTGGTTCTAATAATGTATAAATTAGAGTCGTGTTTCAATCAGCT
ATAAGGCGAGCTGTGAGAATGAGTGACCCAGATAGTAGGACCTCATGCCCCACCAACATC
CAACTCCGCCGTGAAGTCTTTCCGTATGGTAAGGTTCTCGTACTTCTCTTGATTCTCGAT
AACCAAACCTTGTTCGTTGGCTAGATGCAGCAAGCAGATGAAGCAATAACTCGTTGAGAT
ATCGGCCATGGTTTGTTTCGGATACACAGCCTGTAAGCTGTTGACGACATCGGTAAAAGT
CAATGAACCATCGACAGCTTTGTTTGCTGGATCGTCGGCGACGTTGGGTTGAGGAGGCCC
AGAGATCTAATATTGGTCAGCTTGGATGCTATGTAAGAGTTGGTTCCATAACTTACGCCT
TCGAATCCGATACCTTTCCATAGCTCGTCCTTCAATCTTTTCACGTCCACCTTCTTTGCG
ACTCTTGCGTACTGCACGTATTCGGGCCGGAATCGTCGGCTTTGTGTTACTAGCTGCGCA
CCAAACGCGTCAGTCTGCGAGCTAGGTAGCATGCCGTCTATTGGTAGTGTAGCTTCGGGT
GCGTCAGGCGGCGGCGAAAAGTGGTCGCGAGCGTCTGCGAAAACGTCCTCATCGTCGATA
GGCCCACCAGGCATTGGCAAACCATCATCTTGGAAGAAGTCGGCATCGTAATTGCCCTGT
ATGTCGTCACCCTCGCCTTCTTGACCTTGATCAGCCCAGTATGCTTCGTCGACGCGTGCT
GGGTCTCCAGACTGTGCTTGTGCACGGCGTCCGCCCTTTCGGGAGTCCATACGTGCTTTG
GGTTTCAAGAAGAGACGCAATAGCTGCTTCGAGTTGAAATGCTTGTCGTCTGGGAGAAGA
TTACGCGACTTGGACTTCCATTGCGCTTTTGGTAGAGATATAGTTGAATTGGATGTTGCA
GGCGTGTAGAGCATATCAGCTAGTGTCTGAGCCATGGGTGCGGCGAAGTCAATCTCGAAG
GGCTCCCTCTCTTTCCGTTTCGTTGCTGGTGTTGCCTTTGCAGAATGCTTGACTCGTGAG
ATACGCCAATGCTCAGGACCTGCCCAGCTCTTCTTAAGAGCTTGATCGAAGTAGGTCAGA
ATATTCTCCTGTTCTTGATCACGACCGTGCATCATAGAGACGCCATATTGAGCACCAGTG
CCGAGTGCACCCTCGGCGCTGTCTGGCTCCTCATCCCCTTCAAGGCCCATAGTGTGAACG
CGAGCCTGTGGATGTTGGATTACTTGACGAGCCCAGACCTCTCCGCCTTCGCCAAAGCCC
GTTTCCGGAGGTAGGTCGAATCCGCCCATGTTCACGTCGTCGTCATCGTCGAAGCCCATA
GGATTGTCGTCATCCAAAAAGAGGCCTGACCGGTTGCCCGCCTCGTCTTCTTCATCTTTG
GCACCGTCTTCGTTGGCAGAGTCATCGGGGGCCTTGAGAAAGGGAAGATCCATGGAACCG
TTTACATCACCAAGGTCGAACGTCTTCATCGAGGGGCACACGTCCTCCCGGTCGAGCTGG

GATAGATCGGGAAAGTACCTGGCAGCCAGGCCAGATATATCGACATCGATAGCATCGGGC
GTCTGGGACTGGTCTTGCTGCATATGGGCGTCTTCGGGCACTGGGGTAGCACGTGTGTCG
TCGGCGGTCGCATCGTTTGCGTCGTCGCTGCTGTCAAAGACGATCCTGCCTCTTCCGTCT
ATGGCCAGGTGATTCAGGAGGAGACCTTTTGCTCCGCCCTCGTCAAAGTCGGCGGAGGCT
TTTTTGAAGAGCGGATCTACTGAAAACTCGAGCTCCATCTTCTTGTTCTGTAGTTGTGCA
AAGGAAGACGCGAGGGTAGCTTCGGCCGACCGGGCAGCCCTCTTCTTGCGCTTCTTCTGG
CCACCCTCTCCATCCTCACCATCTTCGCCTTCGCCGTCGTCGTCGTCGTCGCCTCCATCA
GCGTCATGACCGTCTCTCCGCTTCTTGCTGGCATTCTCTGCGAGTCCGCTAAGCAGCTTG
CCCGTGTCGGTGGCCACGCTGTCGACCCTGCTGGTATAGATCTTGACGCAGCCATCGAGT
GTGCAGCTCGCCTTCTGAAAGTTGACGCCGTCGCCTTCCTTGAGTAGAGACATTTCGTGA
AAGTAATCGATGAGAGCGAAGTTCCACGAGTTGTTTGCGTTGATTTTCTGCCCGTCACGT
CAGCCTCGACCTAGTGGGTGCAGCTGTGTATGCCTACGTTGTCCGTGGCCATCTTCATCC
ATTCCTCGAAGTTGGCCAGCAAGGGCATGACGCCGCGGTTTCCCGGCGTGACGGCGTTGC
CAGTGATGTCTGGCATGTCGTCCTGGTCTTGCGAGGGCGTTTGGGGGCTGTCATGGTCGG
CGCCATGCAACGTGCGTCGTCTTCCAGGCGTGGCAGTAGCCGTCGAGGCGCGCATCGAGT
TGCGCTGGGCTTCTTGCTGTGCATGGCGGCGGATGGCCTTTTCCTGTCGGTCGTCGTTGA
GCGGCACCTTGATGGGTGTCTTCTGCGGCGAGACGGCCGTGTTGTACTTGGTCGTGCGCG
CCATGGTGGGTTGGGTTGTGGTGCTTGTGATGGCCCTGGCCGGAGCGTTGTTTGTTTGGG
CGAATCCGCGCGGGGGTTAGCGCGCTACGACCATGACCTTCCGCATCAACGCGCTCCCGA
GTGCAGACACCCACACTCGCAATATCACGGACGTCGGGCTATTTGCGACCCATGCAGCCA
CCATGGCAATGTACGCGACAGACGTCCAATTAAGCATAGTTTCCGCACCTAAACTCTCCT
TCCCCACAATTCGTTTACTACTACCCTTGCTCCGATGTTAATACGCCGCCCCAACTATTA
AACCTTCGTGTTTACTCGTGACACTCCATAGCGCGGCCTCCATTTTCCGTCAATGAGGGA
TGAGCGGACATCCTACTGGATATGTTAGCATGACGATGCTAGGCCTATTGGTCGCTCGAC
ACTATATCTTAGACGTGCTTCCTCGACCCGCCATTCTTGACTGACATCTGCATTCTGATA
TCCCAACTTCGCCATGCGCCTTCTTAGTTTAGCAGGCCTTAGCTTGACCGCCTCAGTCGC
GAGTGCGACACTTCAGATCGTCCCTGGTGCAACCTGGACAGCAGTGCGTTGCGTCGTGTC
CCATCCGGTACGCTAACTGACGACATCGCTTCAGACAAACACAGGTCAGCACATTCAGGC
TCACGGCGCCGGCATCATCAAGGATGGAGGAAAGTGGTATTGGTAGGAATGGTCTACGCA
TAGGCTCAAGCTCTCCCAGTCTGACACACCGATAGGGTTGGCGAAGACAAAACCAACGGA
ACAGCTTTCACAAACATCAACTGCTACTCGTCCACTAACCTCGTCGAATGGACTTATGAG
GGTGCCCTGATCTCTCGTACTGCATCCGGCGATACAGGACCCAATCGTGTCATCGAGAGA
CCAAAGGTTATGCACAACAAGCAAACAGGCAAGTATGTTCTATGGATGCATATTGACAGC
GCCGACTATGGTGAGGCCAAGATCGGTGTCGCTGTTGGAGACAGTGTCTGTGGAAAATAC
ACGTATTTGCGAAGCGAGCGACCATTGGGTTTCGAGAGTAGAGATTCAGGCGTGTTCGTT
GATGACGACGGCAAGGGTTATCTACTCACTGAAGACGTAGGCTTCTCTTGTTCAACCATC
AGCACCCACATTACTGACAAGAATAGCGCAGCAACGGCTTACGTATCAACGCACTCTCCG
ATGACTATCTCAACATTACTAAAAATGTCTACGTCTGGAAAGAGAAATATGAGTCCCCAG
CCGTCATCAAACACGAGGGTGTATACTTCATGTTCGCTTCACAGCTCACCGGATGGAACC
CAAACGACAACTACTACAGTACATCAACGGCCCTTTCGGGACCATGGTCTTCGTGGAAAA
AGTTTGCAGACTCAGGATCAAACACGTACGCTTCTCAAACAACCTTTGTATTGCCTGTTG
GGAACGGATACGTATACATGGGCGATCGATGGCAGAGTGAGAACTTGATGAGAAGCACAT
ACGTGTGGCTCCCACTTCAGATCTCCGGGACTACCGCCAGCATGAAGAACACAGTCAACT
GGATTCTCGACCCCAACTCTGGGGCCACTACCTCCGGCCCCGAAGAAACCTCGTACGAAG
GTGAAAGCGCAAACCTTGCTAACGGTGCCAAATCTCAGGCCTGCTCTTCCTGCTCAGGCT
CCAAGGCAGCTGGGTACATTGGCGGCACCACGTCCGGCTCGGCCACATTTCCCAATATCC
AGTCTTCAGCAACGACTCGCACGACGATGAGGATCAAGCATCTCAACGGTGACAAGAGTC
AAAGGTATGCAAATATTAGTGTGAACGGGAAAACGCAGAAGCTAGCATTCCTGCCCCATG
GAGGAGGGGATCCAGCCAGCTCGGTGATACACGTCGATTTGAAGCAGGGTACGAATGAAG
TCAAGATCAGCGGTATTGATGGAGGTTGGGGACCAGACATCGACAGGATCTTCGTTCCAG
TTAGGTGATTCATCAAGGCTTGAGATCCATGTTTCATACTGCCCAAAGCGTTAGGCTTGG
TACAAGAGGGGAGAAGATTTGACCGTGGGCTCCGAAAAAGACAGTAGGAGATGCGTGGAG
TACCTAGGTATGATCCCAAGCATGATAACTTGAATGGAGATTGGAAAATGTTTGAATTCG
CAAGTTTCCATTTAAACTTGGTGATACGAGCTGACCTGCAGCTGCTGAACGAGCGAAGGT
ATATATATACAGCGTTTGCGTCATTGTTACGTTAGGTGAGATAGGGCCCGTGAAGCAACA
CAGGAGACTAAGAGATGAAATACTTTGCCTTCACGCTTCGAGCAGCAGCACCCTTAGCTG
CCGCACCCTTGGCAGCAGCTCCAGCTCCAGCCGCCGCACCACCGGCTGCCATGTTGCTCA
TGACGAACTTGGCAGCCTCGTTCGCATTAGCACCATATGACAAGTGCGGCGCCAGGATGA
CAGCCTGGCCCGCACAGATAAGATCGCCAGTTGCGCAGATGATCTTGGTGTTTCCGGCCG
CGACTTTACCGACAGGCTTGCCGTTGTTTGGGTCACCAAAGATGACAGCGCTGGACACAA
AGGCCGAGTCCTGGGCACTAAGCATATCTGCTGCGTTATGAACGAGCTGTCCACCTTGTC
TGGTTGTTCCGTTAGGCTTCATAGTCCTCAAATCCTGTTGGAATTGCTTGTTACTTACGA
GTAGCCCGCCATAACCAGTGTAGTGTCTGGGCATTGCGCCCTGACCTGTCCAACCATCTG
CGCCATGAGCTGACTGCCTCCTTTGTCACCACCAACAAGGAAGCCTGGAACATCTGCTGG
GTACTGGATGCCTTGTACGGCGACGTTGGCAGCACCTCCCATCATGGCGCCGAGGGCCGT
GACAAATGGCGGGCCCGCAATGCTGCCCATGTTGCCAAGTTCGGTTGTGCCACGGGCGAA
AAGGACGGTCATTGGTTTGCAACCGCCGCCATTCTTCACGTCGTTCTGAGTGATCGAAGT
AAGGGCGGCGAATGCGGTGGTTGGGAGGAGGAAGACGAGGGACTTCATGGCTGTAGAGGG

TGTGGCTTGATTCCGTCAAGGAATTTGTATTAAGATATTACAAGTATGTGGTGAATGTAG
ATAAAACAAGTACGGGTATCTTGAGAAGTGAAGTAGAGATGGATGGGCTGCTGTTCATCT
CATGAAGCGAATGACATGTCTTCTTATAATCTGGCCCAGCAGAATGCCATGGTCAACGCT
GAACAATTAACCACCGCTTTTCAGGAGCTTGAACATGCGATGTACACATCTGTCATGTTT
TCACTTGCTTTTCGAAAAGACATCAAACGTCATGCCAGACCACAAATAGTACGCATACTG
GCGGTCAAGGGTGTCGTGCGACATATTCTACGAGCCCTTCCATGTCGAATCGAGGCCATC
GGGAACGGGATTAGGGTTAGAGCTACAGCCTAGTAGCCGCTGTCCCGGTATACCTAGCAG
GAACTGTGACAAAAACTGCCGAGGTCCACGGGTGATGCGCAGCATGGATACTCTAGATGA
CCGAGGCGGCGAGTTCCATCTGATGGGGCTGGGTGTGAGATGCTTGGCGTTGTTTCCTAT
CCCTGCGATTTGATGCTTCGCTGTCCGCGTGACTTGACGTCAATGCGGCTTCAGACTGAG
CTCAGGACGTCCAACGTTGTAACCAGACTATGGGGAAACGGCGAGCCAATCGCATCCGAC
AAAGATGTTCGGCTAAAATCACGTCTCATGACTCTGAGTTCTGTCGCACCGTGTTCACAT
CCTGTGACTGTTTCAGCAGCCCGTTCCATCTCTTCAGATCCCGAATCGTCATGCGTTCCA
GACTCAAGGCCAAGCTGCGTTCCAAACCTACGGTCGCACAGCTTCCCGGAAATACCGGAT
CGTCGCCAACATGGCTCGTTCAAAAGTCTTGGTGAGCTTGTCCATGCGACATGGTGTCTG
CGAAAGCATCGTAGCTATCCAGATGCGGGCGAACGAGCACGCCTTGACATTTGTGCCGCC
AACGTCACTGTGGGAAAACGCTTCTCAAGCTGATGCATCGCGCATACACGTCGGGATGAT
TCGAAAGGGCTACGCTGCAGAGACGCTGAAAGAACAAGAGAAAAGGGCTACGATGCAGAA
ACACTGGAATCGCGAGGAGAAAAGGGCGACGTTGGCTACTTTGGTATTTGGCACCACCCC
GCCTTTGCCCCAAGAGGAAGGTACTAGCGACTTGTGCAATATCCCAGTCCATGATCTTTC
ATTGTATAACTAGCTCTAGCGCTGCGCAAGAAAGGTCTTCCAGTAAACAGTTTCAGAGTT
CAGGTATCGTAAGTGGACGCACATCATGCCTCTTGAAGTCCATCGCATAACCTCTCCCAC
CGACTTTGACGAGTTCGTCGCCATACAGATTGCTGCCTTCGCCAACGGCGGGGGTATCAC
ATCTCTGCTCACGCCAAATCCTATCACAGAGGAGTATGTCCAAAAGTCTGTCGGCAAGCA
CGTCAAGTCGTGGAGCGAAGAGAAAGATGTTATTTACTTCAAAGTCATTGACACCGATCT
CGATGGGAAAATGATTGCAGTCGCCAAATGGCGCATCAACGAGCAGGAGCGAAGTGAAGA
AGAAGCCAAGAAGATGTATCCGGTACCCGACGAGAAAGACAAAGGACAACAAGGCTTGCT
GGACTTCATGGCCTTTCTTAGTCGAGTAAGGAAAGAATACATGGGAACAAAGCCTTTTTA
CTGTCAGTGCCCAGCCAAACATGTCGAGATGATCTGCTAACAAACACTAGTTTTACACAT
CCTCGCAACGCACCCAGACCATTATCGTAGGGGTGCAGGGGCCATGCTGCTCGATTGGGG
TACCAGGCAAGCGGATCGCGCAAGACTACCTGCCTTCTTGGAATCGTCACCAATGGGCAA
GCCGTTATATGAGAGAATGGGATTCCAAGCCAAGGAGGGTAAGTCGCGACAAATCAACTG
CCTTCGGGACTGTCACTGACTTTGTGTTTTCGGCATTGCAGTGGTAACGTGGGATCTGAC
ACACTATGGGTTAGAAGGTACAGATTACAGCACAGTGATGCTTCGGGAGCCCATTTCGTA
GAAGTTTCTGGGTTTTGTAGCACGAACAATGCCAAGAAGGCAACAATCAGGTTTCTGACT
GTGTCGACCGGTGATGCATCTCATGTCTTACTCACACCACCCGTTCTTTCCCAAACCTAA
CTTTCACATCCAAGCCTCTCTTGCTCAAGTCCTTCACTCTCCTTACAAACTCCAGTTCCT
TTCCACTCTGTTCTAGCATTGGATTCCTCCCTATGTCCTCCAATACAAGTTCGTTCAAAT
CTTCCATTCTGTTCAGTGCTGCGAAAAAGTGCTCCACAGTATCTCGACTTTCTTTGCTCT
CCAGAATGCTCATGGCTGGCTGCACAAGGGTGAGTGCCTTTATCTCGGAGGTAGCTGGTC
CTGCGCAAGAAAAGAAGACAATCGCAGTCTGTAGGCCAAGGATCCGTATAGGGAACCTGG
AGCACATATAGGAAAGGCATTCAGCCCGAATCTGGCGACTGACGCGAAAGAGAGGAAGGT
TCAGCACCGACACGGCAAGATGCTCCGGTTTGGTGCAATTTACGATCACAATGGAAGACA
ACTCTGGGTAGATAGCCATGGCGTATATATGATTGCGTATCTCGCCTGGTAGTTCCAGAA
ACGCACAATCCGTCTTTTGGGGCTGCACAGAGTCAGCTGTCTGTTGTACCAAAGCGCTGG
GTATTTTTTACGGGCGATGCTGACACGTTGCCGCTGGGTCGTTTGTGGCGCAACCATTTG
ATCATCATTGTTTCTATTGTATAGTCCCCCCTGGATGTAGTAAGACGAGGACGGATCGAT
GCAGCGCTCCTGATGATGGAAACGCGGGCGGGTAGCGCCTTAACCCCATCAGGATAGCTC
ACCTTGATAATCGTCTGGCGCCCAACACAGCTCTTTCATCATACCTGCAATATCGCGCAA
GTGATTAACTATAATATACAATTCCATTGATCACGTTATATGAACACATTGTTGTGGTAG
AAGAATCTAATTCAGACCCATGGCTTGCCTATGTATTGTACTATTACCCTTTCCACTCCA
GCTGTGCCACATTCATGCATATGGCCACGAAAATCCAAAACAGACCTTGCAAAATATACT
ACGTTTACACGTTTGTCACCTTGTAATCTTTGGGGTCGCACTGATTGGGATGTCAGGTCG
ACCAGTCATTCTAATCCTCTCCCTTATCAACCTCTCCGTTCTGCTTAGTGACCGCACCAG
GGTGGTAGGTCCTTCGACGTCACTTCTCCCAAGATCATCTCCCTCATTATCTCTCTTCGC
ATAAACTCGAATGGTATGTCCAAGTTTATGGCTTGGAGTCGGCGGCGCGAATGGAGGTGG
GACGGAAGGGCTCTGTATCGCCAAAAGCAACGAGTCAGCATTAGCGCTTGTCTTCAAGTG
CCGATCTTGTTCAGCGTCAAGCCGGAGTGATTGTGCTGCTTGGCATGTGGGTGACTGTAG
GGCGATTGAGCGACCATGGACTTGTTGATTCGCGAGCTTGGAATTATGGTTGTTACGGCG
ACGGTAATAGACTATCCCAAGTAAAGCTGCAATAATTGCGAGAATTACACCAGCTGCTGT
AGCCAGGTATTTGCTGTTCTGATCAGACCTTGGAACCATCAGCCTATGGTTTGGAGGATA
AAGGTCCCATACGTACCATTGGTAGTCACTCTTTGGGATACCCTGGCTTGTCTCAGTGCA
TGCAGGGGTCGCGACGGTTGGGTGATAGACCAGGCTGGATGCGACTGTCGTTCGTACAGC
CGCTGAACTCATGGTCAACGTGGAGATGAACATGTTCGTCTTCGCTGGCTTTGGAGATGT
ACACATATTAACGTAGTAGCTGTGGATAATTTCATCGTCCTCTTCATTACATACATGTTG
ACAAACCACTCCACCCGTATGGAGGCTGCGCAGGTAATCGGACTGACACACGCAGTTTCT
GTATGTGGACAGATCGGATATCGGAGCCGCTGGTGGAACACAGTTGCCTTCAGAGATCTC
CAGGATACGGCATGACCTCGCACATGCTGGTAGTAGATCATAGTCAAAGAGACTTATGTC

GTGATTCTTGCTCACTCTCGTGAAGCGATGCATGGTGAGTTGTTGGTTGATCAGTGACCA
GGGTGTAAGCTTCCTAGAAAGGCGTTCCCAGTCGGAGACTGTGATAAACAGCGCGTTTCT
GGAACGAACACGGTGCAACCTTTAAACAAGCTTCACTTGCTGCTGATTTCACGAGGTCTT
ATAAGGCACTCACGGCCGCCTCCGCCGCACTGCCGCAACCTTTGCTCTTTCTCTCTAGCT
TCCATGTTTCCGCTTTAAGCACACATCTTGATTGACATGCGACTCTTCGAACAAGAACAT
CACAAACCCAGGTAGCAGTTGAAGAGAAGTAGTCGAGTGGGCGGAGAAAGACTCAAGTCT
GGCAGGCGTTCTCAACGAGCATACTTGGAGGCGCAGCGAAGCCTTTGATAATGGCCTTGT
TAGTGGCTCTCGCGGGGATGATGATGACGATGACGGATAGGGCCTCAGCGTGGAGAACGG
TGTCAGAACTATGTTTGGTGTGCTTGAGGGCTTTGCTTCGCAGGAGTAATTCTTGGCAAG
CATTTGCGGAGTTCTCGGGGGTGCCAAGATGACGTGGTGTTTGCATCGTTTGCATCCGCG
CCAGAACTTTGGGGAAACAGCGACAGGGAGTCTGCCACCATTAGCACCATCACAATGCTC
GCACGCACACATGTATCTCCCCGATTACTTTTGAGGGCGCTCGCACGGCCTCGTGCTACA
ACATGCTCTGTACTCCACCCTTTACCAGCGTGCCCTCGACGTGGAAAACGCACAAAAGCC
AGCCGACCCGATGAGACGGAGAAGGATGCGACGACCGGATCCAGGTCTGCGATACGGGAC
AAGCTCAAAGGCACAAAATCCGTTTTCGAGAACGATGCGGAAACGGACAGGCTTATGCGC
CCGCTGTCCGACGCCGAACTCGAACGTGACGATATGCCCGTCATCAACTGGTATGAGCAG
GACTTGGACAAAGGCACGCCACAGCGTCTCGTTGAACGCTTAGCCACACCGGAAGATCGC
AAGAAAGACAAAGAGATGTACATGATGATAGAGGAATCACAGAAGAACCCGGACTACGAC
GACGCAAGGCTGAACCGGCGACTGATCGACAGCTTACTGGCTAACCCAAACTTCGCCGAA
TTGACGGACGAGCTCAAGGATATCAAGGAAGGCATCAAGTCGAGGAAAGAGCTCCAGCAA
TTAGAAGAGCAGGCAGCCATCGAAGCAGGGAAGGAAAGCAAAGAGTTCAAGACTGGCCTA
CGGACGGCCACACTCCAAACTCTACAAGACATTGTCAGCGATCCGGATATCGGAGATGCG
AAGGCTGACCTCCAAAAGTGCATCGACGAGATGCCAGATGTGGAGGAAATGGACAACCCC
GATTATCAAGCCATGCTGAACAAGGCAATGGACAAGCTGGGGGCCAACGAAGCTATGCAG
AAGAAGGTTGCTGCTATGAGCGAACATCTCGATAGCCCGAAATTAGAGACTGAATGGGAG
GAGTACCAGAGAAACACAGAGGACGCTATCGCTGAAGCTGAGGCCCCAGATGACGATCTC
ACCATGACAACGCCCGAGGACCTGCAGGATGTGGATAAACTCCTACATCAGATGCGGGAT
ATCATGAAGTCGCTGGGTGGCGACAGCGGCCTTGAGTCTGAACTTGATGCAGCCCTCAAT
GAAGACTCGTCGTCGAACCAAGATCAAGACGGTGTATTCGAACGTGAGATGGACCCGCAA
GAATTAGCGGAGGAGATCATGAAGTTTGCCGAGTCGAAGGCATCGCAGCCCCAGCAGCTT
GTGGAGGACGAGGAAGATGTTCCCGCCGAGCTACAAGCCAAAGTTGACGAAATCATGAAA
GACCCCAAGTTGATGGAGAAGCTCATGTACATTCAAAAGCTCATCTCAGAAAACAAGCAA
CAGCAAGGTGATCTTACTACTATTGCGCACGATAGTGCACCTGATCCCTACCAACTCGAA
GACGACCGCACTACTACGCTCAAAGAACGTATGGCTGCCGCCCTCCAGGATCCAGAACAC
TCTGCCGCCCTCCAACGACTCCGCGTTCATCTGCCCCCACCTTTTAACATCTCGCCCGCG
CTGAAGTCTTTCAATCAAGCCATTGAATTCGCATACATCGGCGCAAATGACGACATCCGC
CGGATTCTCTGGCGCTCGTACCAAAAAGCGCGATCTTTACCTACCTTTCTCCAAAATATC
AGTGACGAGGCCTGGGATATACTGTATTACTCCCAGGCGGTCACATGGGGCAGCAACCAG
AACCGTGAGAACCATCTCAGAACCTTGCTAGCAGATCTCAAGAGCCTAGGGCGAGACGGT
CCACCCACACACCCTAGTTCACTTGTTAACGGGGGTGTTGAGCAGATGGACACATGAAAT
GCCAGAGATTTCATAACGATGTATTGCTGTACGATATGACGACATGTATATGATACCCTT
TGAATACATAACACTCCAAAGGCACTCTTCCAGAGCCATTCTTCATCCAATCTGACATTG
TATTTTGTACATAGTGCTAAGGGCCTACCTTCTTGCACCTATGGCATCGATGATATGCCA
GGAGCTACTATAAGCCAATATCTGATCATCTCCAACTCACTGAGACCGTAGCTGTGACCG
TTAACACTTCCGCCGACGCTGTTTCCGATTCTGACAGGTATGAGTGAGAAGGCGCAATTA
TCTCTTGCCTTGTTCATCGGTACTTCCCGTGAAAACTTGTGTGAAAAAAGAAACGGTGCT
ATACTACCTTTGCACAACTCTTGTCGATGGTACCAGTCACTCCGACACTATACGAACCTC
TAAATCTCCATTCAACTGCTGCTAGCCCCTGCTCTCTCATACCAGCTCTCATGCGAGTAA
TCCTTCTTCGGTCCCTCAACCTCGTATCTGATCATGAATCGCTCAATCTTCGCACCGCGA
AACTTGAACTCGCAGTGATTGCGGTACGTATCCGGATCACACCAATGATAACCTTTGGCC
ATCCATCCAGACTTGTTGTCAACTGGCGCGTAGAACCCCCACGTGTTGAACAGTGCTCCT
ACACTTTTGTTGTCATCTTTAGCAAACCATGCTGTGATCTCGTCGCGTATCTCATTGTAT
CGATAGATGTAACGGCGAGTCGCAGGAAAAGACAGGCCAGTATCCATGGTGAATGTGCCT
TGTTCGACGTACAGGTATTCGGATATGTAAGTGGTTGGATCGGTAGATTGGCGTGGGTGG
AAGTGTGCTGTGCCCACAAACACGCCGCCAGGTGTGTTGGTATGTGAGTCAATTTTGCGT
GTCATGTTCCACACACCTTGCATACCTGTAAACACTGCGGCAGCAACGAACCGAGCATCT
TCTTGGGAAGCCTGGAGTACCTTGGCAACGTCTTCGACTACTTCCTTCGCCTGGGCATTG
GTACCTGCATGGTGATAGCGCGATGGAAAGGTAGGACCCGTTTGGCCGCCAAATAGCGAG
TCGTCGCGCGAGGCGCCTGTTCCTCGTGCAAATTCTTCAATCAAACCAACGTAATCTGCC
ATCCAGAACTGAGGTACCTGTAGCGATTTCTGGTTCATCGCTTCTTGCATGCGTTTCGTG
TCATCGTATCTGTGTAATTCGGACAATAAAGACGGCAGCTGCTCAGAATCCCGCTTGGCC
CAGCTTTGAGCAAGAAGTCGAGCTTGCATCTCCATCACCCCCCAATAAGGACCCTCATAG
AAGCCCACAAACCCAATTGTAGGGACTCGCTGAGAGAACACCGACCCACGGGAAAGGAGA
TATGGTATACGTGAATTTGGTGCGGTGCTATCGTCGGCAAGAAGGCCTCTGACGCAAGGG
TCAAGCCAGTCCAGGTCGGCTTTGTAGCCGGTAGCTTCGATGATACCCACGACGTCGCAG
ATCTTGCTCTGGCTCTGTAAGCTATCAGTATCTTCGTCACTACTGAAATTAGGAGTAGTG
TAGTTACCTTTGGCTCTTTCCCCGATCCATGATACCAGGGCTCGTACTGCTTCAGACCAA
TGTCTAGGGAGACACCGTCACTTGCCTGTGCAACACTGTCAACCCATCCTCTTACTGGTA

CAATAATGCCACTTCTCACAAACTCCATGTAAGTATCTGTAATGCCAGTATATCCGGGGT
GCTGTGTCTGGCTTGGTGCGTATGCGAGCTCGGCGTGTCCCACGTCGCTCAAGTCGTATC
CTATACTTGCTCTCAGGAATTCGTGTCCTTTATTCGCTTTTTCGGGTGGCACTGTAGAGA
TGGCTGCTGAAATCTCTCCATTGCCACGGCGCGAAAGATTGTAGAGAACCAGATCCAAGG
GAAGGAATCTGGGTGCTGGGTTGAAGTTTCCGTCTTGGTCCTGAGGGTCTTGAGGAAGAT
GACGAGGAAGACAGTAGAAGGGACGGTTGATGATGTGAAAGACCCTGCTTTCGGCATGCG
TAGATGTCTTCTCACTGGGTGCGTATTTCGCGTTCGAGATTTGGAAAGCAGCCTGTGCGG
CAGCTTCTGAGCCGCTAATACCACCCCCGATCACGGCCACCTTTCCGGGAGAACTCGTCA
ACTCAGAGAGAGACCGAAATTTTGAGGAGTGCTGGATGTTTGGAAGACTTGTAGAAGGAG
TAGGATCGAAGGTACCAGCTGGCTTGTTGAAGAAACCACTAGCCACAATCAATCGGTCAA
ACGTACGGGAGTCTAGCTGGCCGGTACCGTCGTCGCTGATAACTTTCCAGGTACGATCTT
CTTGCAGGGATGCCTGGACAACCCGCTTCCCCAGGAGCAGATTATCAGTGATGCCAAAGC
CTTTTGCGTATGCTTCAAGATATCGTCCCACTTGCCACGCTCTAGGGAACATGGGCGGAG
CAGCTAGTGGATGCACAGCGGGTCTCGAGAGATCCAAGTCTACCGAAGTCCAAGGCAAAT
CGGAAAATGCAACTGTATATCTGCTCAAATTGGTCCGCATCTCTGGACTGCATTTGTCAC
TTGGTCCTCCATGTCCATCTCTCCACATGCCACCTACGCGGTCTGCTGCCTCATACACGG
TAACCACATAGCCATGCTGTTTCAAAGTCCTCGCAGCAACTATCCCTGCAGGCCCAGCTC
CTACAATGCAGACAGACTGTTCCTCTCTATGGGCAGTCATCGCCGGCTGAGCTGCGTGGC
GGCGAAGCGGGGGAATGACCAACGGAGATATGGGCGGGTGCCAAGCACTCAAACACGAAG
TGCGGCAGCGTAGAGCTTGGGGCAGCTTTGAGAGAATGATGATTAGCAGATCTGCAGAGA
GAGTGAGGTGGTGTTGAGAAGTCCGATGCTAGCCTGTGATACGCTAGTGAGATGCCCCTC
GGAGGATCAACCAATGAGAAAAAAGGTTCAGCGCAGGACATGATGGCAGATGCGGAAGGG
CGATTTTGAAACAACGAAATCTATTCAGTGAGTACTCCAGAGTTGATCAGAGTCCCTTTC
ATGGTCTGGAACTGCGTCTTTCCATACTATGTAGGTGTTAGTGAGCGACTAGGTCATGTT
GTGTGTGCTTTGAAAGCGGCGTACCGAAATCAGATACCGAATGTGACCCTGTATCGCGAT
TAACTTGGATATCGAAGGCGAAGGAGTGTAAGCGTACGAGATCGGTAACAGAGCGATGTT
GTTCAAATTCTGATCTTGCGAATTGCCGCATGTCCTTCCGTGCTCCTACATCGGGTATGT
TGGAGGTACTGCGGACTATGTCTCTCCACAATGCCAACACGCGTTGCCGCTGAATGAACT
ATATGACAATCAGCAGGCGTTGCATAGTGTAAGTCATGTGTTGGACAAACGTACGTGGTC
CAGGCCCACAGGACTCTTTCCTCGTGCTCGTAGCCGGGACGGAGGCTTGGACGCTACCGT
GGCATATCTTCGCAGCATTCCCTCGGTTGTATGTGGAACACTCGGATCAGCTGAATCTGA
CAATGCGGATGTGGACACGAAAGTAGTGGATGGTCGACTGGATGAGGCTCTTTACAGCGA
TGCAGGCTGACGTATCGAGACGAATAAGCTAGGCTATGATGATGCTAGTCATCCAAGGAT
GCGCGTGCAGGATCGGCGCCCCGAAACGACGTGCTCGAAAGGACACACAACTGGGATGAG
TGACTACCGGCACTGATTCCAGAAATGGGCGTCGAGTGTACTCACGCCATGGACCCCGTG
TCGCGTCTTCCCCACCAGACGCGACGCCCAACCACCAAGCCCACGCATCCGCAGTCAGCC
CGATACCCACGTTAATCCGTCGCAAACAACGCGAGATTCACGACATGGCGCACGTCGTCG
CACGCGTACAGGCAGTACAGACTCTGCTGCGAGAAGACGTATACCTGAGCGCATACGGCG
CGCCGCATCTGCCATGTCCGCTGTCGTTCCAGTTTGTCCCGTCGGCTTTCGACCTCACCA
AGGACGAGCTCGAAGCTTGCCTCAGCCTCGTCAACAAGACTTCGGGACACGACTACAAAG
CATCAAGCGTTGGCTGGAACCCGCGCAAGAAGAGAGAGGAAATGCTCGACGGCGAGATGA
TGTATCTCCTGGTGCGTCGCCGCCCTATCGACACGGCTGGCCAGGGTAGCATGGAGGGCA
CCAGTAGCGACGACGGCATTCTTGGCTTCACCTCCTTCATGTTCACATACGACGATCCCC
CGCACCAAGACCGCCAGGTCCTCTACATCTACGAGATCCATCTCGAGGAGCAGCTGCGCG
GACAAGGCCTTGGACCCCGTCTTATCAAATTCATCGAGAACGCGGCACACGCATGCCAAA
TCAAAAAGACGATGCTTACCGTCTTCACCGCGAATAAGCGCGCAAAGAGAATGTACGAGA
GCCTGGGCTACGCCAAGGATGAGTCTAGTCCAAACGATAGGGTTACGAGGAACAAGGTCA
TCAAGGCCGATTATCACATCATGAGCAAATCAATCGATTGAGGATATTCATTTAAAAAAA
AAAAGTAAGAATGCTAGACAGTCTATACACAAAAGCCGAGTGCTGTGTGGTATCTTGGAA
CGCCAGATTGTGCAAACAAAATCATCATCCAACCAGTCAAACCCCCCTCTTCATTATCTT
TCTGTTGTCTAACCTCTTACTTTCCGTTGTACCATTCATACACTATCCCCACAGGCCGCA
GCACACGAAACGACCCCACTGATTTCGCTTTGTACCCTCTGGCTTCTTCCCACTCGTCTC
TTCCTCCTCTTCGCCAACGACGCGAAGGAAGACTTCGTCCAGGGTGGTAGGCGAAACAGA
GTAGTACTCCAAACCCAACTCATTGCGGTTGGTCTCCAGCAACTGGATAAGACCAGGAAT
GCCACCGAGGTCGGATGCTGAAGCAGCCGAAGATGTGGTGTTGACTTGATGAACCTCTGC
TTCGGTAATCTTACCAGTTTTCGCATTTTCAGCATGTGCGGGCAATGCAGTGGATTCGGA
AGAGGCGGCTTTGAGAACTTTGAATCGGAGTTGTCCGTGGCCTCCACCTCGCGAACCCCA
TTTGTCAAGTTGAACACCAGGAATCTTCCTCTGGACCCATTGCTTAACAGTCTCCATCTC
TTCTTCCGTGGTTTCGGGCGCAGATTTGAGAACAAGCTGTACGACCCAAGCGTCGCCGTA
CTGCTCTCCTAGATCACTGACAGTACCCAGGGCAAGCATCTTGCGCTTCATGATACCAAC
GCGGGTGGCGAGTTTGTCTGCTTCTTCCATGGAGTGAGTAGTTATCAACAAGGCGCGACC
AGGTGCCGCAACTCCGAGCAAGGTACGCCACATGACTCTTTTGGCAGCTGCATCCATACC
AGAGGACGGCTCGTCCAGCAGTAGAACCGATGGGTTGCCCATCAAGGCGATGCCCAAGCT
GAGCTTCCTCTTGTTGCCACCTGAGAGTTTGGATGCGAGACGGTCGTGGAAGCGCCCCAG
ACTGGTAGCTTGGAGAATTGCCTCGACACTGGCTTTGGGATCGGGCACGCCGCGAGCGCG
AGCGTAAAAATAGAGATGCTCGGTTACCGTCATGGAATCCATGGCATCAAATTGCGGACA
TACACCGAGATGACCTCGTGCCGCTGCACGCTTGCTGATGATGGAGATGTCTTCGATCAG
AACATCACCACCGCCGTTGATGTGTGTTGTAGGGTGTATGTCGCCACGGATGAGTGAAAT

GGTTGAAGACTTTCCCGCACCATTAGGGCCAAGGAGGGCAAAGACCTGACCTTGTGGGAT
ACCAAAAGTGATGTCGTTGACAGCATGGTTAGACCCGAAAGTCTTCTGTAGATGCAGTGC
GCGCAGACTGTCTTTGCTTTGCTCAGCGCGTGTGATTTCAGCAGCGACAGCAGCAGGGAC
GGTGTCCACCGTCTCCTCCGAATGCTGCTGACGACTCTTCTCGCGGTTAAGGAACGCTGG
TCGGTATCCCGAATCCCACCATACGAGGGCAATGAAGATTAGGATGATTTGCACGACGAG
GTACAAGATAGGCCCTCCGTACACAGTCAAAGCACCGGGATAACTTGGAATTTGGTTTCC
ATCACACAATACGCTAAAGGAGTTTAGAGATAGCAACTGCGTCCTTAACAAGCTTGCTGA
TGGCGAGATCAGCGAAACGGTCCAGTGGAAGTACTCAATATAAGAGTCGATGGCGTAAGC
GGGCGCGTAAGTCAGAATGGCCATGTAACCGATAAAGTAAATGAGATAAAGTGACACCAT
GCCACCAGCAGCAAAGGCAAAGGCTGCCAGTTGCGATGTAACGACGATGGATATCAAGTA
GGCGAAAAGAGTTGCACAAAGACCATAGAGGAAGAAGACCACGAAAAGGTAGCCTGGTGC
ATACCATGCGTCGGAAGCCTACGGTATTGTCAGCTGCGAATGTTTATACAAAACGTAAGC
AAGAACTTACTGCTACAAAGATACCTGTGGTGACAGCAGAGATCACAAGCACGAACAAGA
AGTCGAACGCAGTATACGCCAGCCACAGTGGTACAGCCCGGATACCGTTGCTGTAGTGCA
GCGCTCGCACGTTCCTCAGTCGCTCCTGTGTGGGGTATAAGGCAAACAGCGCAGGGTAGA
CGCACATGGCCAGACCGAAATACAGAATCAGCTGGAGTGTGTCGCCCATATTAGGAGCGA
ACGGCACAGCGAATTGCTGATACTGCGTTGAGATGGTGGTGTTCGTTAGGATGTTGTCAA
GGGTATTTAATGTGACGAGGCCGCCGACGACACCGCCATTTGCAAGGTACGCCATGACTG
GCGGACCATTCTCGTTCAAGAAGAAGCCGCCCGGTGTAATGTTGCGGAACCGTGTGTTGA
CGAAGTCATTGAACTGGTCAAGTGTGTCCACGACGTAGAAGCTGTCCTCGGGAATGCCTG
TCCGTTGGATTATGGTATCAATAGCAGGGCCAACGGTACTCCTCGGACCGATGGGAATGA
GAGGGATGTCGTCCACGTTGGAAAGTGAGAAGATGGTAGGGTCATTGGCGCTGGCTCCGG
GGTCACAGCCCACAGCCTCGTAATCTTTCAAGAAGAGAGTGACCAAACCAGCGGCAACAA
TTGGGAGGAGCAGAGCAAAGATGTATGGCCAGAAGTTGCGCTTCACGATGGTCATACGCT
TTTGTACGAGGATGAGCATCTGCTTGAACAGACCAGTACCACGGCCTTTGCCCATCTCCA
ATCTCTTGTCAGTATCAGAATTGTGGTCTGAAGGTACCTCTAGGTCTTTGTCTGATGCTG
TTCTTCCAGTTTGTTCACCGTGATCGGCATCCATGAGGTTGTATTCCTTTACCTCCTCAG
CGTTGGCAAGGAAGACATCTTCTAGTGTCGGGCCAACGATGTCGTAATTCTTAACCCCGT
AATCTCTAAGAACATCGACGAATCTGGTAGCGGGCAGCGCGTTCTCGAACTGATACTGAA
CCATGCCCTCGGAGGGTGCAGGCTTCTTGATGGCGTCTACTGGAGGTTTGATCGGAGCGT
CCTTAGGATACGTGACGTGATATCCGGCACCCACTTCATGCTTGAGCTGGACCGAAGTAC
CCTTGGTTTTGAGTACACCACGAGAGAGAATGGCAACGTAGTCAGCGAGAACATCTGCCT
CGTCAAGGAAATGCGTGGTAAGCAGAAAGGTGCGGTCGCCACGCTCAGCAAGTAGAATTT
CCCAGATCTTCCTTCGTGAAAGTGGATCCAAACCAGACGAAACCTCATCAACACAGCAGA
CCTTTGACCCTCCAGTGAACATCATAGCAAGCTGAAGCTTCCGTTTCTGGCCACCAGAGA
GCGTGCTCGACTGCGCCTTGATTTTGTGTCCCAAATCACAAGCGCGGATAAGGTCTTCAA
TGGTCTCTTTTGTGTCATAAGTTCCAGTCGACTTGAGCTGATTGAAGATGCGGACATGCT
CGTAGACATTTAACTCATCCCACATGACATTCTTTTGCGGGCACAGTCCAAGACCTCCAG
TACCATCAATCTCAATGGCTCCACTGGTGATCGAGTTGAGACCAGCGATGGCATCCAGGG
TGGTAGACTTTCCACTACCGTTGGCGCCCAGTAGGACCATGATCTGACCTTTACGCGCTT
TCATGCTAAAATTATCCACGGCGATGACTGTCTCTGGAGCCTTTACTCCGAACTTGGTGA
GAACATTTCTGCGGAACCAACTTGGAGTCCAATGCTTTGAAAAGTTTGTCAGAATAATGT
TGTGATCCGGCGAGGAAGTCGTAGTCTTCCTGTCCGCCGACACGGTACCATACAGCCAGC
GCTCGACAAGAGCTCCTAAGAAGGGGTATACGCTAGTTTGGATGATGGCGAAGATGCAAA
ACACGATGCCGGGGGTGGTCCAAATATGATCTTCATAATCCGGTGCGGCTCCTACAAGGT
TCATACCAATAAGCTGTCTCTCAAAGCGGGCAACGCAAATAATGAAGAAGACGTAGTTGA
TGGATGGAAACAGCAAGCTCAGGACATATACAGCACCCGTGCTGAAGGGTCCAGCGACTT
GCGCGATAATGGCCAGCAGGATGGGGACAATGACAATGGTGATACCAGATAGTTGGGCTT
TGCGGAAAAAGGCGGCTCCGAAGATGGAGAAACTGGTCAAGGACAGGCCAGCGAGAATAT
GGAAGATTACCAATATGGCAGCATTGGATGTTTTGAAAGCCAATGCCCACACAATAGCTC
CCATGATGACCCAGCCTGGAAAGTAAATGATATCAAATGCAATGTGCATTGACAAAAGGC
GGGCAAACTGCGTATGCCATGCTTTTTTGGCGGGAGACATTGCTTCTACCAGCTGTGATA
TGCCACGTTCTCTTTCTTCTGCCATTTGGCCCGTTAGTTGGTAAGTCACACCGCATACAC
CAATGTACAGAGCGACGCCCATGATGTTGATGAGCGCACCCATGTACAGCGTCCTGATGC
GATCGTCATATTCCTGCTGCGTACGCTCTGTGTATGGATACTCATCAATGTCGGGAACAG
TCGCCGAGCCGTCAACGGCGGCGATGGCCTGGTCGATGGCGCGTTGGAAGGGCAAAATAT
AGATCTGAACGTCGTTGTCGTCCTGGTCCACGTAGATCTCCTCTCCCAGTGCTCCGTCCG
ATCTGATGGTGTAGTTCCAGCTCTGGCCTTGGCCTTGGCTCGGACTGGAATGGAAGGACA
CTGCACCATAACACGTACTGGCACCGCGCAAAGAGCTCTCGCACGTGGAGAGGAGTTGTA
CGTCTTGCTGGATTGTGATGGGTTGTAGGCCGGCATCACGGACCTGAGTCGAGAGTTGTG
CAATGACCTGTTCGATATCGCCACCTGTGTATCCGTTGTCGACGAAGACGACTTTGTCGC
GACCGCCCGTGGCAGCACTGAGCGCGTTGGGGAAGGAGCGTATGAGGGACGGGGTGCCGA
TGCCGTACTCGGAGGGTGGGACGAAGAAGTTCTTTGCGTAGGTAATGAAGAACATCTGCA
CACGCCTGGTCAGCCATGGCCCCGCCGTTGACATGTAGGTGAACGTACAAATATGATGGG
AGCCCAGAAAGCGCGCACGCTCGTGAAGAACCAGTGGCGAACGAAGACAACGAGCAGCGT
CTTCTTGGTGAGGATCCATGTCTGGCTCACGATTGCGCCTGCCATGGTCGCGGCCGTTGC
CCGCGGTGGGCGCGCTGAGGGTGCAAGTCTAGGATCGAGTCGTTCACGTGGCGTCCAAGT
CGTATGTCCTGAGTGTAACTACTTTGGGAGGATAAAGGCAACCAGAAAAAGACAAAAGAG

CGATGTAGACAGGTAAAAAGAGGGTATTGGTTAGTACCTAGGTAGCGAACCATGGATGGC
AAATACCTCATCAATGTCCTCCATCCGTACCCAGCGTATACGGCACGACGCCGAGCAGAC
GATGTCTTGTCGGACGTCTTCGACTACCGCATCCCCTGTCCATTCCCTCACGCCATGGTC
CACATCGGGCGCTGGCGAGGCGCATGGCGGATTGATGTTGTGCCGGTGGGGCATAGGGGA
ACGAATGACACAGCATGGCGTTCAAAAGCCCTAAACTCCCTGCCAACGGCCCGGCTTACC
TCACTCTGCTCCAAAGAGCTGGGGCAACGCCTGTCACGGAAAGCGCCAGATCTCACCTTT
ATTTCGACGTCCGTCATGGTCACGACCACGATTTCGCGTCGACATAGATCCTGGCCTGAC
TCGAAGCGCTGTCCGCTTCGCTTCTACAGGCCTACGCGAACATGCCTCGGCAACGACCTG
ATTTGCCCAGACAACGCCCAGTCGCCGAGTCCTAGTCATCATCGAATGCGTCTTCGGTGT
CCTAGAGATCGCGATGCCGAAGAAAATGACAAGCCTCGCGTGCACACCCCTGCATCGCTG
CGCCTCGCAGGCCTAATTCCCGTCGCGTCATCGATTCCAAGCTTCTGTGCGAAGCGCGAA
GGCGATCATCCAATGAGCTGGGATCAGACGGGCCGACATGGCTTTCTTCTACCACAGACG
TCTAGAAGCATTATGAAGAAACCTAACAGAAGCGTGTTTAGTTCATGTTTGCTCTTGGCG
CACCATTCGAGTCGGCGCTTGCACTTTTCGTACTCCATAGTAACGAACAAGACCCTTCTT
CGCCCTATATATTGCGAGTGACTACCCATAACACATGGCATACCCCGGAGTATCGTCGGT
AGCGAATTACACAACCAACGACTACCCAGGTAGCGTTACAGGGTCTAACATAGAAGCACA
AACGTCTTTGTTCTACGGACTGAAGGAATGAGGATTCTACTTATCCTTTGGATAGTGATA
TCTGTTCTTGGTAGCTGGGTGACGCTCAACTAGCTCCGGAGTGCGTCCAAGGATGGATTT
GTCCAGCACGTGTGCTTCTTGCTTCTTCAGGAGGGTACTCTCAGCAGCTGGTCTTTTCCA
GTGACTCTTGTATGCTTACACACGGTTCCTCTGTCGTTTCGGCTCGCCTGCCAATGTGCT
TCAGCCCATCAAACGGATTCCTCCATGACCCGCCAGCAGAAGGACATGTTGTCCAACACA
AAAGGAAAGCAAAGACGCGAAGCAACTGCGTTAGAACACACGAACGACATTCTACAACTA
CAGATAGTGTTGCGTCTGACCGGTGGTGACAGTGGAAGAGAGAAGAGGCGCTCGACGCTG
ACGCTGACGTTTGACAGATCGAAAGTTTGGCCGGCTCCCCTTCCCGTCCATGGCACAACG
ACTGCCTGCCTTGACAATGCCCTGCTCCGAGAGCATCGATGTCGACATCGACGACAGTAG
CAGCGAACGCGCTGCTACATGACATACTGACTTGACGATCTTCTGATCGAGTGGGCTCTT
GACTGGACAGTCTTTTGATTGAGTGGGCTCTTGACTTGACTGTGACGGTGGGAGTTGGGC
GGTGGTTGGCATGGGCCGCCCTATCGCGAATCTCGCATCCAGGCAGTTGGTTGTTCCTTT
GACTGAGTGGGCTCTTGACTTAGCGATGACGATGGCAATTGGTCTCTGGAAGATCCTAGA
GCTGCTCCATTGAACTTTCTTGCTTGTCGAGTCGTTTGAGGGCGTTTCCGAGAAATGGTG
ACTTGTCCGTCATCTCCTGACTTACTGTTGGCGATAGTAGTCAGTTCTCTTAACTACTCG
GGGTTCGTTTGATGGCCATGACAGCTCTTGAATGGATGGCACTTGATCTTTTAGATTTTA
GAGTTGGGTCATTAAACTTCCTTGCACGTTCGAGTCGGTTGAGTACCCTTCCGCAATGTC
ATGAGTCGTCTGTCAGCTAACAGTCTGCAGAACCACTAACCATCATTCCCTACTATGTCG
AACTGCACCCGTGTCGTGAGCTTGTCTGTCACTTCTAAGTAGACATGTCACAACAGTAGC
ACCATTGTCAATGGCAAGGTTAGTCACCGAGTGGGCCCCAGTTACTGTTGTACTAATAAC
ATGCAGACGCTTAGACCATATCAAAGCAAACGACTACCACGCACTCACTTACCCCACGCT
CATCGAAGACTCTTCCTTCTTAGCTGTGATTACTACTCGCTTACTTCTTACACTTATACG
CTCGACCGCTCAATTACTCAATCTTTACTATATCGACCACCCGACTTACAATGCCTGGCC
CTAGGCAACGCCACCAAAACAGTGAGTCGGGTAGAGCCAACCAACGTGCCCACGAAGAGC
GTATCGCTCGTCGCGCAGCAGAACGTGAGGCAACACAACAAGTTCGCGGTCGCGGTCGCG
GTCAGCAGCAAGAAGATCGCGGTCAGCGGCAGCAAGACATACCCTCAGGTCGAGGTCAAG
ATCATCAGCAGCAAGGCTATCTACAAGATCAGGGTCGCGGCCGGCAGCAGCGCGATCAAG
GCCATCAGCAGCAGGGCTTTCAGCCAAGTCAAGGTCAAGGCCAGTATCCAGACTCAGGCT
GTTCACAAGGTCAGGGCCAACAATTCCACATTAAACTGTCTAATGCATACTGACTTGGAT
AAAGCAGCACCTGATGTCACTCTTTCGCCTCGAAGTTCCCCACCATTTCCCTCGCCAGTA
AATATCGGGCCTAGTGCTCCTGATCAATATCTATACCCCGGTACGCCTTTCCAGGTCCTA
AATCCCAGCTACACGCAACGGCCGTTACCAGAGCCAGCCTCCGCTCCCCGTCAGCTACCC
AAGACACCCCCACCGCCTGTAGTAGCATTTTCGCCGGGGACTGAAGCTGTAAGTAGATCC
TTTGATGTACCTAAATGAGGGCTATACTCTCATTGGTCTATCTTCATAGGTGAATGACAG
ATCTTTAAATAGTAATTGTTTGGGAGGTCATGAGTGCCACAGACTTCGGAAAGCAATGGG
ATGTATATTTCTTATTTCATTGAATGGCAGTGTAATAAGGGAAGCCGTTCGGTATAGCAT
ATGCAATACATTGGAGAACAGCAAAAGGGTAGAGGTTTTGAGACAAATGGAACTTTTATC
GAACCTATTACAAGTCGTGTGTGCTGGCCCCAAAACGTGTTCCTTATGCTGCGTGAAGCC
ATGTCTTGAGAATGGGATCGTAAGTTTGCTGTGTAGTTGTGTACTCTAACGATATTGGTT
AAGTGCTAGAATGGCAGCCATACTCTTGTGCGTAAAAAAACATGTTGTTCTGCGCCCAGA
ATATATATTTGCTCCATTTTTTGCGGCATATGATGTATTGACAAATGCTCACGGGCCAGA
AACAGTAATGTACTTCGTGTTTGTACGACCAAAGTAGGCTTCCTCATCATCGTCTAGATT
CCTTCCGGGCGTAATCATTCCCTCTGGCTCTTCGGCGTATGCCGTCGGATAAGCGCTGTC
ATCGAAGTCCTCTTCTACCGGAAATTCGTTTACGAGACTGGCCAACTCCCAATCGCCACT
GATATAACTGTCCATACTGAAACGCTCCTTGCGGTATTCAGTCCAATCCGGTTCGTTGTT
TACCTCCTCTTCTGCATCTTCTCCGGTCTCCCAAAGGTCTTGCTCAATTCCACTCAGAAA
ATCCCAAACATTCGCCAGTAGCTCCTCGTGTGGTAGAAAATAGCTCAGTGACTCGTTGTC
CTGTCCTGTCCAGTCACTCCATGCTTCCAATATCTCCAGACGAGGAAAGTGCGCTGCAAG
TGGTTGTGCCCATAACCGGACGAGCTCTTCTTCAACGAGTGGATCGACCACAGAGCTACA
TTGGGAATTTGATGAAACGGTGTACGCATCACTAACGATCGATAGGATTGACTGAGGACG
TGCGAAGGCGACGTGCGTCAAGAACTGGAAGAGCGGACTATTCGAAGCTCCATTACCGGA
GAGATCCTTTTGATCCACAGAAGCGCTTCTTTCGTGACCATCAAGTGTTATGGAAGGCGC

TTGAAGTGCATCTTCAATTTGAGAATAATCGTCAAGCGCGGTTTCGAAGGCTTTCGGATG
CGGAAGACCCCGTAGTGTCTGTAGATCCGGAAGATGGAGTGCAACTTTCATGCGCAAGGT
TTCAAGCAGGGGACAGTATTTACCGAGGCTCGGTAGCGCGGTAGATTCCAGATCGATTGC
ACTTTGTGGATGAAGCTTCATGCTGAGGCTCAAAAGTTGCGGCAACTTCCTACAAAATGC
TTCGAAGTGGAGGCTCGAAATCAAAGACCCATCTATTGCACTAGGTTCCGAGGCAAGAAG
GTCGACATGTTCCAATTTGGGACAGCCATTGGCAAGGTTCACCAAAGCCTCACCGTGAAG
GAGTGGATGTGATACGGCCGATGGAAAGTTCTGCGCGAGTGCGCCAACGTTGACTCGCAT
TGATCGAAGTTCACCGCATTGCGCCATCTGAGCTAGTATGAGATCAAGAACATTCAAATC
CCAATCCTGCTGTGCTCGCTCTGGTATTCTAGCAATGTCTAGTTGTACTTGTTCTACAAG
TGGGAGGTGAGGAAGAAGTGCAACGGCCAACTCAGGATAGCACTTGAGGTGGAGCTGCCT
GAGCGAAGAGAAAGGGGAAACAAGCGCAACGGGACCCGATAAGTATGGCAATAGTTGCAG
GCCAGGGTCGAGGTCGATGTGTAGAGTTTCCAGGCCTGGTCGGTTACTTAAATGTCTGAA
CAGCATATCCTTGCCGGAAAGGCTAGCGTTCATCAATCGCACGTTCGTGATGCTGGGCAC
GGAGTCGATCACATCTACCAGGTTTTGATAAGACACAGGATCTTCAGGACAGAAGACATC
TGGACCAAAGGTAATGCTAGAGAGATTGGTACATGCGGAAAAGGCTGAAAGAACAGTGCC
AGCGACGTAATGCGAATTACCAGATTGCGATCCAAGGAATTCCAGTTGTGTAAGGCCTGT
GTGCAGCATAGTGTTGATTGCTTTTGAATGCGTCGCCCAGTCTATTTCCAGCTCCAGTAT
CTCGATTTTTGGCCAATATAAGCCTTCGAGGTATGCAAGATCTCCGCCACCGTCTGTAGG
TCCCAATACGAACAGCCTCTCGACTTTGTTCGCATACCATTGTCTTCGGTCGAAGGTCAT
GTCCTGCAGAGCCGGAAGGTGCGGGTAGCGTCTCCACAGGATAGACGTACCCTCGTTTGC
CCAGATTTTGTTGACCATGATTGAGGGTACCAACGTGGGCCGAAACTCGAGAAGTTCAAC
CGGCTGGTCGGGTCCCTGCTGTCTACGGTCCTTGTACTTCATGTCGGACAGAAAATGTAG
AATCAGTCTCACGATACGAGGATCCGCGGCAGCCGTGGCTGCGGCAGCCATGATTGCGCG
AAGACGAAGGAAAAGCAGCAAAAGAGCGACTCGAAGGAATGAAGTGACAGAGAAAAACGT
GGGTGGAGAGAGCGCAAGGACAGTTACCTAGGGCGGCAGAGGCTGTGGGTAGACAGTCAT
CCTGCTTTGGACCTGGTCGCTTTTCTCGCAGCCGGGCAAAGCGAAATCCCGCCCGCTCGC
CACGGCTGATCGCCAGGGGGCTGCGGAAGCCTGATAGCCTGTCATTACGCGTCTCTGCAA
AAGCGATTGTGAACTGTATAATTCCCATGTCGATAGGAAGGCATGTTTGGGTTCCAATGG
AGGGAGTTCTTGGGCGCCCTCTTCGTGAAGCTTGGAAGCCGCCAGCTTAGTCAACCTTGG
AAGCGCGTTGGCCTTCCAGCGTGACGGGCCGGACGACCGCCGGAGCTGTGTTAACACCGC
AGAGCTGCCCGGTCGAGTCTACTGATCGCATACAGACAGCGTTCGTGCAAAATGTGGCGC
AGATGTCAATCTTGCACGGAGTTAACGCCGTTGCTATTGGGGGACATTACGCCCGTTAAT
CACAACTGACCATGATGGTAGCGCTTACGCTTGAGCACGCAGGCATATACAACAGACGAC
TCTGGAACCACGATTAGACAGCTAAACAGCACATCAAACGAAGAAGCGCAGTTGCCATGC
ATCTCATACTCACTGGAGCGACAGGGCTGGTCGGCACGTCGGTCCTCGACAATATGCTTG
CACAGGAGAGCATTAGTCGTATCTCGATCCTGAGCAGACGGCCTGTCAAGATGGCCGATG
GACATGCCAAGGCGAAAGTCATCATTCATACAGACTTCAACAACTACGACCAAGTCTTAC
TGGAAGATCTGAAGGATGCACAGGGTTGCGTGTGGGCCTTGGGCGAGTCACAGAATGCTG
TCAGCAAGGAGTGAGCTGTTTTCTATAAACTGCTATAGAGGCCTTATGCTAACATGCTTG
CTCAGGCAATATGTCGAGATAACGCACGACTATGCCATGGCTGCTGCGCGCGCCTTCTCT
ACCATGCACCCAGACTCACCCTTTACGTTTGTCCATGTCTCGGGCGAGGGCGCTACGCAA
GCGCCAGGCACCTTCACACCGCTATACGGACGAGTCAAAGGACAGGTCGAGTCGGAGCTT
CTCGACTTGGGCAAATCGAAGCCCATGTTCAGGGTGTACAACGTCAGGCCAGGGGGGGTG
GACTGGACAAAGCATACGGCGATCCATCCGTTCATACCGCCGCAGGCTGCGTGGAAGAAG
GCGATGATAGCGCCAATGAATCTAGTCTACAAGGCCATGATGACGCCAACGAAGGAGATG
GGAGCCGTCATGACAGAGCTGGCCATGTCCCGGGGCGAAAGGTTAGAGGGCAAGGACATT
GGCATGGAGGGGCGGCTGGTTTCCAATGTAGCCCTCAGACGTATGGCGGGGCTGTAGAGA
TGATGTTGGCTGATAGAGTGGTAGACACGATGAACTTGATATGCTTGATGCGACGGTACC
TGAGCATCCGACTGTGCACGTGGGAACGCTGTCTGTGCGTGGGTGATGACGGCAGTGAGA
CCCTGGTTCGCCGGGTGGGGGCGCGTCCGAGGCCCAAGGAACGCGTCGCCGCATCTTTCT
CCCCACAGCTCCCAGCCATCGCCTCATTTCTTTCTGGCGCGACTGCAAGTTCGACACGCC
ATATAATCAACCGTCCGCCTGCCTTCTCTGCTCGATTGTCTCTCCAGAAATCTTCTCTGC
CATGGATTTCGACGAGGCGCCCCCGTCGTCACCACCGCTCGCGTGCACCACCATGGACCT
CCCGCCCAACCCCTTCTTTGAGCGCAAATATACTGCCTTCACCACCAAGTCGAGCTCGCC
GCCCCCCGTCTTTTCCAGCGATGACTCTCGCGAATCCGTCGATGTGACCAACTACGAATC
CCCTCGTATCCACAAGAACAAACGCAAGGGCGCGTGGTGGGACAGTCGCGAGTCTGCCCA
CACGACCCCAGAGGTGAAGAAGACGAAATTCGAGCGCAATTTCGACTCTGGCATCTACAT
GCTCAGCGATGCCACCAACAGCTCCGAAGAACTACCTCCGCCCCAGTACATATCGCCTTA
CAACATGAGGAGCAAGATGCCGCTCAAGCGCGCCCCCAACCCAAATGCCTCTGATGATGA
AGACATGAACATGGGCAGCACCAGTGCTCCAACAGCAGAGCAAGCCTTCGTCCAGCAGAT
GGACCATGGCATTGCGCGGAACCAGGAATCCTATGACTTTGATGGCCAGGGCCTCGAGGA
CAGCGACATTAGGCACATCGGCAACCTCAAAACCGTCATCAGCGACCCGCCCGTCCACGA
CACTGAGCTCCCCACGGCGGGGCAGTACCGATCTCTCCTCCCCAAACTCCAGATCCACCT
CAGTAAGAACAAGCTCTGTCGACTGGTTCCATCTCTGTTCGACCTTGCAGATCTCACTGG
TCTCTACCTGCGTCAGAATGAGATTGAAGAGCTTCCGCAACAAATCAGCCGTTTAACCAA
ACTCGAAACCTTGGACGTGTCTCTCAACAAGCTAAAGTACCTCCCCTTTGACGTCATCTC
CCTTCTCTCTCCACATGGGAACATGACCCGCCTCACTTTCATGGGAAAAGATCTACTTCA
GCCCATGTCTTCTCATAGATTCTCAGTCGCCGACTACCAGAAGCAAGAGCAAGCGTCTCT

TCATCACACCGACTCGCTGCCACTCGATGAGGTGCGGGAAGACGCAAGCAGTCAACTTGC
GCACTTGTACCAAACTCTGGCGACTTGCAAAGACCGCGACCAAGCAGTCTGGCGGATCCG
CTATTTCGAGTCTTGGACAAACTCTTTCGGTGGCGGAGATGACACCTGGGAATGCAATGT
TGAACAAGACGTTGGTTTCTATCCGCACCATCCCTCTTTGCCCTTGGATGTTATGAACGA
TAGCCAAGTGCTAGCCCACGCACCACGGTACATTGCCAGGACACTAGTGTCTTACTATGA
CCAGGGCGGCAACGTCCTCAAAGGATCTCCACGGCTTCCTTGTTCCAACGAAGAAGAATA
TCCCGTCATTGTCGAAACCAACCAAGGTACATACGGCGTTCCTTCTTCACCTTGGTTCAC
CCCTCCGTCTACAAGCAAAATGTCCTCCCTCGTCACAGCTAGCTTATACAGGGGGCTCAG
ATCTACGAACATCGGTACCATCCGTGCGTTCCTCGATTCGGATTTCCTCCCCGTCGTGGA
AGCCATCCTCTCGCAAGCAGAGGAGAATGCCGCTGACGGGTATGGTTTGTTCCGCAGGTG
CCATACCTGTCACAAGGAGTACATTGTGGCACGCGCCGAGTGGATTGAGTTTTGGAGTCG
GGGAGGCGAATTCGTTCCATTGAAAGCCAGCGTGTGCTCCTGGGGCTGTGTACCTGTAAG
CATGGTGCAGAGGCCGCAGAAAGAGTTGGCATGGTGAAGTCAGGAAGCAACTAGCGGACA
TGAAGAGCAGCACAGTGAGATGCACATGGTAGTTTGGGGTCAGCCGGCTGCACGACGGGT
TTCACTTAGGCTGTTTCGATGATCCCGGCCCGTTCGTCACCTTGCCATCTTGACCATTCT
AAGATGATGTAATCTGCCATACCCTCCGTCCACCTTCCATCGCCTTCTACTCCACTACCT
TTCCTCCATACCCGTCTCGTCAGCCAGATTTGCGCGCTAATGCACTTTGCTTCTAAGCTC
GATAGAGCAAAAGCAAAGATTCTGGACGCTGGGCGAGGTGCGCTAAGTCGCATCGGATTC
TGGAAATTGTATTCGTGACCACAAGAGGGCAATCCATCATCTCTCCCCTCTCTCAAGCTG
TATTCAACAGGGTCCATGTCATGTCGTGTGTGCTCATTGACCTGGCACGCGAACCCCGAG
CTCGAGACCACGTCGCAAATAACTGGCATCCATATCCCAAGAACTCAATCTAGAACGTCC
GGCGCATGAGTCCTTGGTATTTTCCTCTATAACTCCACATCCTACGAATAGATACGTCTA
CGCTGCGCTCGCACTCTCATCTGGTGGACTGGAATCAAAACAGAGTGGCCTGGTTGATGA
CAGAGACAGGTTGTGTTGATCGACGGCAAGAGAGGGAACTATCACTTTGAACGTGGGGCG
GAGATCTCTGAGGCGGGGCGGTTTCCCATCCCCGAGGCTGTCTAAGATGCGGCATGTCTA
AGTGGGGTCTACTCGAGCATGTCGTTTTGTACACTACGATCCGGTTGCCAATGGTGCCTA
GTGACTGGTGATCCTTCGGTCAAAATCATGATCAAGAGGATAATAGGCTTTCAAGTTCGT
TCTGAGTAGTAATTATCAACTCCACCATTTATGAGAAATTGACGCGAGAAGGCATGTCCG
CGCTGCCGCCTCCTGTTGTAGTTAGGCCGCGTGCTAATCCTGACCGAGTTTAGATTGATT
TGGTCGGAGAATTGCGATAACAACACGCCGTCTGAGTGGGCATCTTTCAGGTATCACCAT
TCTCTGTATCTCATATCCCGGACTCGTACGTGCACGTAAATGGGACTAGCCGCCTAGCCA
TTGCTTTGTCAAACATACACCATGGTTCCAAGCGTAATTGTCGCGTCTTCCAGTACCGCG
CAGCACATCTACATATGCCCAGTCAATACAGTGCTGGATGCAAGACAACCGCAGATAGAC
ATGTAATCCCGAAAATCTCTCCAAAGAGCTTAGTTTCCCCATACAGTGTGAATGAAGAAG
CTTATCAGCTCTTGCAATCGCTTGCCATCCTGCTTATCGGCGCCTATCTTCAGCCCTCGT
TCATACCCTTGCCGGTCTCGACTCAATCCGCCGAACCACCGTTCGCAACATGACGTGAGC
GGCTGGAGAAGACCATATCGACGTTTCAGCTGGAGCCCATCTTGCCTGGCTTCGGTGCAT
TCGCGTTGACACTACGCACGTTAGGAGGACAAGCCTTCCTTGGGTTGCACGACTACCGGC
CATGGCATGCTGACAAGGGTTGCTTGAGCCTACCGCATGGATTGCTCCTATCTCGGCTGC
ATGTACATAAACGGAGTTCTTAAGCCCTGTGTCGCCGCGCGTTGGATCCCTGACGTGCTT
TGAGCATTCCACGACAGCGAAAACTGATCCTTAGTGCAGTGATTGACAACGCAGACATGT
CTGAGAAGAAGGTCGAGGAGTCGACTGTCGGAGAACAGAATGTGGACTATGGCATCGGCA
ATGTGCGAAACTCGCACACGGCAAGTCGTAGAAAGAGTTCCGCTGTTGATCCGGCCATCA
TTGCAGGAGAGATCTTTGATGAGCGTTATGAGACCACGCATCGAGGTCTGAAGTCAAGGT
AAGTTGCTGGCTGTTCCCCGTGTGGTGTGGGTTGGGGGGCTAATATAGAGCAGACATGCC
CAAATGATTGCTTTGGGCGGCACAATAGGCACTGGTCTCTTTGTCGGCTCAGGCCAAACC
CTTGCTCGCGGCGGTCCAGCCTTTATCCTATCCACCTATATCGCCATGTCCTTCTTGATC
TTTTGCACTGTTGCAGGTATCATCGAAGTCGCCGCCTATCTCCCGACTCCTGGGTCTTCT
ATGAACCTCTTCGGATACCGCTATGTCTCCCGCTCAATGGGCTTTGGACTCGGATGGTTA
TACTTTTACTCTCTCGGGATCTTGGTACCCTACGAGATTACAGCGGCTGGATTGGTCATT
GAGTATTGGAACCCACCCGTGAACATCGCAGTGTGGATCACGATAATGATCATTGTCATC
GTCGGGCTAAATTGCTTCCCAGTCAAGTTTTACGGCGAGACGGAGTTTTGGTTCGCTGGA
ACAAAGGTTGTGATGATTTTGGGACTGCTTATCTTGTCTTTCATCCTATTCTGGGGCGGT
GGTCCCAAGCACGACCGTCTCGGTTTCAGATACTGGAAGAACCCTGGCGCGGCAAATACA
TATCTAGAAGAGGGTAATGCGGGGCGGTTTGTGGCACTGCTATCTACCATGGTACTTTCT
GCCGTAAGTGAACAGCTCCACAAGGTCTAGTTCAGCTTCACTAATCCCTGTTTAGTTCCC
GTTTACATTTGCCCCCGAGCTTCTTGTAGCAACAGGTGGTGAGATGCAGTCACCGCGGCG
GAACCTGCCTACTGCTGCACGCCGATATATCTACCGTCTTCTTTTCTTCTACGTCGGCAG
TGTGCTTGCAATCGGTGTTATCTGTCCCTCAAATGATCCCATTATCACCTCTGGGGGATC
TGGTGCCGGTTCGTCACCATTCGTCGCAGGCATCAAGAACGCCGGTATTCCGTAAGTGGC
CCTGTACGAACTGATTGTGGGCCGTTCACTGACCTCGTATACACGCATCTAGGGTACTCG
ACAGCGTTATCAACGCCGGTATCATCATAAGTGCTTGGTCATCAGGAAACTCCTTCCTCT
TCCTCTCCTCGCGCTCCCTATATGCGCTTGCGCTTTCTGGTAACGCGCCCTCCATCTTCA
AATCATGCACTAAGTCTGGTGTGCCATACTGGGCTGTTACAGCGTCTTCACTCTTCTGTG
CCCTAGCATACCTGAACGTAGGCAGCGAGAGCGCCGTCGTCTTTAACTGGTTCGTCAACT
TGACAAACACGTCTGGCTTCATCTCGTGGATCTGCTGCGGCATCATCTTTTTGCGTTTCC
GGAAAGCTTGTGAAGCGCAAAATATCACCGACCTGCCATATCGTTCACCAGTCAACAAGT
GGGGAGCTTGGTGCGTTATCGTTAGCTTCACCTTCCTGTGTTTGATCAATGGATTTGATG

TCTTCTGGCCTGAGAAGTGGGACGTCAGCTCTTTCTTCACTGCATACGTTGGTATTCCCA
TGTTCTTTTTATTCTATGGAGGACACCGGATCTGGGCCTGGAGCGATACCTGGGCTTATG
ATCCAGCGGAGGTGGACATGAAGACAGGCTTGGATCAGGTTCTCGCTGAGGAAGTACCAG
CAAGAACAGTGAAAGGGCCGTGGTGGAAGAAGATTACATTGATCTGGCAGTAGAAAGGAA
AGAGGGTTGATGAAGCTGTGAAGCAAAAGTAGGCAATTCTCAATCACCAAGGATGTTCAA
CAAATATTTATTACTCCATACTACTCACACCTTATGCATTTCTTTCTGATCTACAGGTAA
TTCCGCTCATCCTGTTCTCATAATTGAGTACATTTGAGGGGTGTTGACCGGTCTTTATCA
ATTTGTCTCGTATTACTGGTCGAGGGAGTTGCAAGTCATAGCCCTGGATTTCTCAAGACT
TCGAAACTGTAGGAGTTCGGAAATGGAGGGCGGCACCTTGGAGGAGGGGTTTCGTCTAGT
ACCGAGTGGGACTAGTGTCTAAGAGTGGTGCGTCATATCTAGGTGGCTGGACAACTGATT
GCGAAAGCCCAACATGAACCCACGAACACGCCCGCCATGGCATCATCACATTTGCACTAA
GGTTACCAGGCCCTGGACTGATTCAAAATACTTTCGCGTTACCGAACGCACTAAAGGCTT
AGTCCTCCTCATCTTCCTTCTTCCGTTGACGGTTCAGCTCATCAATGACCTTTTTGCCGC
ATGCCAGAATCTCCAGTGTTCGACTCTTATTATCGTGATCCCTCGTCTCCGGGACCAAGA
AATATGTCGTCACAGCACCCGCTACCATGAACGCGCTCATGACTTGTAAGATGTGCCCGA
AGTTCTGTCGTTCCCATCTGAAATCGTCCTGGTTTTTAGACTTGTCGGATTGGAAAGCAT
ACGCCAGAAAGATCTGCACTACCCAAGACCCGAGTTTTCCACTAGCAGCAGCTATCCCGT
GGCAGGTACACCGATATCTTGTCGGAAAGATCTCAGCAGGAATGATGAATGTCGTCACAT
TCGGCCCTAGGTTGAAGGCGATGTGACTGATCACATACAGTACCATCAGTCCTGATCGAC
TGCTGTCGAGCAAGTTCGTCCAAGCGCTCCCGGTTACGATGAAGAGTACGAACAGAACCA
GGAACCCCCAGAACTGGATCACTTTCGGTGACACATACTTGACGATCTTGATCATCAGCA
GACCACCCACAACTGTCCCTGTGGAAACCATAACCAGGGTATATTTGCTGTTATCGCTCA
GTGTCTGGTACACAGATGACTCATTTTTGATACCACCCGGCCAGATGTGTCTGACAATCT
CTGGTGAGGATAGACCCAGCCCATAGACTGCCTCAAAGTCAGTAAGTCTGTCGCAGCGGC
TTAGTGGTCTACTCACATGCGAAATCGAGAAACAGCCAAGCCAACGAGGTTCCCAGTAGG
TACTGCCAATTCTTCTCGGCAATAAAAAACTGTTTTGCATCGGTCCATGAGGCGAGTGGA
GGGGAAAACTCTGGATCTCCTGGAGAAAGCTGGACCTGCGGTGCTGCAGTGGTACGAAGA
TGCACGTTACTGAGTCGGTGCTCGGATTCACTGTCGCTCTCAACCTCCTCGTCAGGTGCA
ATCACTGAAGAAGTAGTTGAATGCCTCGAAGCAGGCCTTCGGCTCTCCGATGAAGCAGGC
ACATTCAATAATTCGACCTCGCCATGTTCAGGGTTCGCTTCGGGCGCGCCGAAAAAGTTC
GCGGTGTCCTCGAGAGTACCTTTCGTGTTTTGCAAGATGTCCAGTGTGTACCTCGGGCTC
TCTGGGATTGTAAATCGAAATACGAGAGCAATGAGAGCCGGCACAACGCCAATGCCGATG
ACAAGTCTCCACAGCCGATCGATAGCTCGAAAACACTCCAGGTCGGTAGGTTGACAAGAT
CCTACATTATTCTTGATCCAGGGCTTGTACGCTTCTACTGCAGCAAGCGACAGGACATTG
GCGAGTAGTTGTCCAACAGGTTGAGCAAAGAAAACCCAGCTCAGCATGCGCGCACGGTGC
TTGCGAGGAGCGAACTCCGCAGTGATAACCTATTTCACGATCAGTAAAGCGACGAGCACG
CTCGATATCGATACATACAGCACTCAAAGGGTAGTCAGCCCCGATACCAATGCCTCCGTA
ATGTCAGTACTATCAAGAATCCATGAGCCAGGTCACTCTTTCTTACCCATAATCGCTCGC
CAGGTGATTAGCCACCCTCCAATCGCCATGCTATTCTTTTCTCCGTTCGAACTCATGAGT
AGCAACATTGTACCGACGATAATGATTACCAACTCGAGCCCATACATCTTGCGTCGGCCC
AGAAGATCTGCTGCGAAGCCGAATCCTATCTGACCTACCATTGTACCCGCAAGTGTTGAA
CACATCATGGCCGTCTTGACCGAGGACGGCACCGAGGGTATACCACCTTCGTCGTGGTTA
GGCCAGTAGACGTAACCTAACATAGGAGTAACGACATTCAAGGCGAAGAGTCCGAACGCA
TCTGTTAGGAAGCCGATGCCAGCGACTACCACTACCCAGACCTGGAAGGGTGCTGAATCG
ATTGTTGCGAGCGTCCATCGCCGACGCCTTATCTCCTGTCACTAAGATCAGCAAGACACC
TACAAGCAGTGAACTCATTGCGTGTGAACAGGAATAACCCACAGGAATGCCGCTCCCGCC
TGCGGTCAAGTCCTCTATCCCGATATGGTGGCCCTTGATTGGTCGTGTGATCCAGTTCCG
AAGACCCATCGTCGCGTTAATGATGAACCTCTTTTACAACAGGTAGTCGCACCCCAACGC
GTATGCTTTGGCAAAATCTCTTTGTGTTGCGTCGTTTGTTGTACACAATCCTCTCGGGGC
AGCGCAGTTCATATTGAGGGCGTACGAAGCTTCAGCCTCCACTACGATGCGCATCACCGA
AGCCACTCTTAGAAACTCATGCACAGCCCGAGGCGACACAATAAACCGGTCAACAAAAGG
GGGTGCATTGGAATTGGCGCTACTCATGGGTTCTTCCTCATCGTGTCCAATCTTGTTCTC
TTCGCCGAAGTCAGACTTGGTGGCGTTTGTTGCTGCAGAAAAACCGCAGCATAGCCCTGA
CATGTCAACCTTACAGGTCATCTGAGATTACCATTGATGGCTAACTGAGGATGTCATCTG
CGACTCGTCATGTCTAGGGCGGGTGCCAGCGCAAGAATGAACACAGTTGCGGTGGACAGT
GTGGACTTTGGACTTGTCAGAATGTCTGTAAGATGGAATCATGATATTGCCTTCAATATT
TTGAGTGGAAGCCGCGCGGTCCTGGATGATGATGGTTGGCTAATCTGGGTATCTGGTAGT
TGACGATGGCCGTTCGCCTCCCCACGTGGTGATCTTCGCATCCTCATTGAACGTCAAAAG
CCGCCATACCGGTTTCGGTGAACCATCCTGATACCGCCACATGCACGAATACGAGCTGTA
TGCCGCTCTTGAATAAGATCACGGCTGCAAGTAGTGCTTCCGACGTTGGAAGGCTTGAGA
AATGCGCGTGCCTGGGCTCTAGTAGCATGTCAGATAATATGCTAAGCCACTCCAGATGTC
GCAGCGGTCTGCCTTTGGGTTAGCCAAGTTATGCACATGTCGGGAAGCTGGATGTAAGCT
TGGAAGATTCTTCTACAACCCCGTTTGCGTCTCTCAGAGGCTTGAACTTCTCTTGACTGT
TGCCTCCACTGTGTACTAGCAGTTCCACAACGCATGGTCAGTCACTAAACATCCTGTGTT
GCGCTTGAGCGCGGCGCAAGCGAACCGAAATGTCTTTTGGATGTAGTCCATCCGATGTGT
TGAAGCTGTTGGAGATCTCGACTCGTGTATACCTTGCTTTCAAAGGTATGTTCAGCTACC
ACCCTGCATCAGTATCTTCCAGGGATCAGCTTGCTAATCCCTACATTCAGATGCGAATGA
GAACTCAGAAGCTCAAGTTAGTGGGCTTGTGAAAGAGTTCACCACCTTCCATACTTGTCT

CAAACAGCTAGGCGAATTGATGAAACAATATGGCCAAACAATGCCATTTCCCGTCAAAGA
TTTCGAAGACACGCTGAAGAAGTGTGAAAAGACCCTGGAACCATACGCTGATCATCTCGT
CGATAGGAAGATGTCTGTTAAGAAGTTCATCTTCACTATCCGCTATATAGGGATGGAAAA
AGAAATCGATGGACTGAGAAAACAGATCAGCGGTCACTATCAAGCTCTCAACATGTGCAT
CTCATTTCTCCAGTTGTAAGCGTCATGCGCACTCAGCGCTTAGGATTTAGTCGCTGACCG
CCACTAGACGGCTTCATCTCGAAGCAACAAAGCAAACTCAGCGCCTTCTCGATGCCGCGC
CATCTCGTACAGTAAACATGGGTCGCCGCTCATACTCCACTCACAGTCTTGGAATTTCCA
GCAACCATACGCCATTAGCGCTTGCGCCTCCTGACGAACACCCATTGTTCAGCGAATGGA
AGATTTTTGATAGATGGCTACAAAGCGAGGATGAACGCATAGCTCAAGAAGCGGGATCGT
CACGGCCCCTATCGCTAGGCGACATACCCGCTTCTGTACCGAGTGGCGATGTTCAAACCG
CTGCAGTACTGTATCAACTTAGGCGACAGGTTGACGATGCGATACTCATTGAAGAAAATC
GCGCGAAGCGGGCTACTGCCGAGAAACGAACACACCTGGTCCCGAGCGATACGATGAAGC
AGGAGGTCCGCGATATGCCACCAGCACCACCGCGAGTGTATACCCTCAAGACAGACCATT
CTGGTGACTTTACGGAGTCTGGCCAAGAACTGATGAGTGACTCGACAGCCACCATCCGTC
CCAGCTTGAGCATACGACCATCATCCCCAGATTATTTTGGCTCGTTCAACTGGACACAGT
CGCCAACATCAAAGTCTCTTTGTTCGGGCCGAACTGCCTCTATGTCTACAACAAGAAGTA
GCGAATGCTATTCAGCAGGTACTACCCCAGAAAAGTCGCTATCTCCCACGCTGCAACGCA
GTCTTTCGCGCACATCGCTGGCCACCATGGCATTAGGTGACGCTGCACTCGATTGGAAGC
GCGTCTGTCGCAATGTGCAGGTTGAACGAAAGTCTTTAAAGTACGGGCCCGAGAACCGTG
AATGCGACGTTCGGTGGCGATATCGAGAAGATACTGGCATCTCGCTGCGAGCAGTATATT
ACTCTAGCCAAGATGGAAAACTACGCACTTGGACTGAACAGCATTTCCCTGCCACCGGTC
CATCGATACCATTGACTACCACATACGCTGACGGTGCAGTGTCTATTGATTTTCCACGTG
GTTCGTTCGGAAGACTATACAAACAGTACATTGACATTAAATACACATTTGTTGGTCACG
AATCAGCGGACAAGTTCCAAACCTTATTATACACCAACAACGGCGTCGATCCTGCCGAAC
TTAAATTCGATCGACCTATCCTGGCTATATCGTCAAACAAAAATCCAACTGAATGTCGTA
ACAAGAATCTGCGATTATGGCGGCGCGTTGAGACGCAGCTGGTAGATGGCGAGCTCATCA
CATCCGAGGTTCTGGTTTTGCTATTCTACACAAGCGCGTTAGAAGAAGAGAAAGGTCACT
GGGTCGAGGAGCCACATTACGCGTTCGAGTGGCTTGCAGATTCTATCTACAAGAAAGAAA
GCGACAAGCTTACTCTTGTCTTTTCAAAAGACCCATCGCGTTGGGCGACCGATAAGCTGC
TCAAACGCCGCAAATCATCGACCCGGTCCGAGTCCGAGCCTGTGAACTCTTCTCTCTTCG
AAAGGAAACGAAACGACTCTATGGAGATGCCAGAATTGGCGCGATCAGAAAGTAGGGCCT
CAGGGTCACTGAACGGCTCGCTCCAGTCGCCGAGGAGCATATTTGGAAATGGCAGTGGAT
TTTCGAGAGCGGGCAACTTAAATCGGTTTGGGTATTCGGAATTGGACATCAAGTTTCAAA
GCAAGAAGGATAGAAGGGCATTTCTAGATGTCTGGAAGCAACACGTGAAGCCGTTGGTTG
CGGCTTCATGATCCCACGTCACAGAAAGGGAGACATTACCGGGGTGTACTGTACTATGGA
GGAAGAAGAAGAAGAAGAAGAAGCACAGCGCATGATCAGGCTGGCGAGAACGACGGTGTT
GGCTGCCAATATAGGCTAATATACGCAAAACACGTTGATACCAATAGCTGGATGGTAATG
AGTGAAAGTCTTTCTATGAAGCCTTTTGTAGCAGTTCCGTTAAATGTCACATTATTTTGT
TTGTCTATGGGGTACTTGGACAACCTCGTGAAATAAAATGAGTTTGAGTATAGAGGAACA
ATGCTCTACCCGATCTCACCCATGGTGGCTGATAAGAAGACAGGATCCGTAAAGTTCTTT
TCGCTGCGCGCTCATCGTACCCAAAACGACGCTTTGCGCTACATTATGCAAGGAGAAAGA
TTGCGTTTCGGTTTTTCGTCTGTTTCAAATGATGCAGCATTAAAAAGATCGCGACTAGAT
GAAAAACCTGAAGTTTCTTTTTTGTTTAAAGACATCAATACAGACAGTTGGAATTATGTC
TCATTTTTCTACTTCTATTCTGTATATCTTCGGCATCGATCTAAAGTAGGAATAGCTGGC
GACCATCCCGGTAGGAGTGCGCACGATACCTGAACACATCGTTAGTGCGGGATAGACCTC
GTCATGACCCATACGCTGCATGCGTGTTACGTGTTCACCTCCTTGGCAATCAGAGGCGTA
GAATCGCATGTGATTTAGTACACCTGAAGCCATTGCCAGCATTTGGCGTAGTGCCTGTTG
GAAACGAGACCTACTCAATGTTGAGGACGAAAGGTTGTAAAGCCAGGGCCTGGACCTTGC
GTGATGCAGCACAGCTACGCCACAACTTGATTCATCCGCAACAGGTTTTTACTGCATGTG
CGTATACGAAGAGGCGTTTCTGAGGAGGGGCACAATCCCTGTTAGGCGAAGCGATGCGTA
CATGACTAGATATAGGATCAATGCTAGAAAATCGAACAAGCTAACCATGCGGGACTATGC
ACATCATTTGGAGAGCAAAAGGTTGGATAGACAAGAAAGAAAGTATAGTAATAGCATTTG
AGAAAAGAAAATGATTATGGACAGTTCAGAAACAACAAAGTAGTGCAAGCCTGATAGCAT
GCAGTTCTCCACCTCGAAGCAGATCAAGCGCAAGTCGTATTGGCAGACATTTTGCCAAAC
TCATCCACGCTCGTAACAGCACCTTGGTCGTCGTATTCGATCCTGACTTGCTGGTTACTC
GAGACAGATGGATCGCCGACGAGGTAGTTAAGTGGCTCGAATCGCATGGCAGAATGCGCA
GAGCTAAACATTGTGTTTGGCAAATCGCCAGTATGCGGGAGGTGGTGCATGCCAAGGTTG
AACCAGAGTACTCTGTGTCTTGTTAGTAAGGTGTTATATATCATCAGCCGCGATACTGAT
AAGGAATGGGATTACGAACAAGTCTTCCTGCTCCAAAGTCTCCTCATCGAAGAAGGATGC
AAAATCTACCAAGGGATCATCCTTGTTAAACTGGTTGTTGGCATCCGCAGCCCTCGGCTC
CGTCTCCTTTTGCTGAGTAACGTAAAAGTCGTGCGTCACAAAGGCACCCGTCTTGCCAGT
GTTTGTCGAGTTTGTTTGTGTGAGATGGATTGTACCGGCAGCTCTCTTGATTCTGTAACC
CGGGTATTCGCCGTATGGGTTCGGTGTATCCCTGTTCACAATGGCGTACAATGTGTTATC
GTTCTCCGCCCAATTGATCTTGGATTCGCTCTCGTTGGCTACCCATGATCGCTCGGCTTT
AAAAGTGTTGTATACTCGACCTTGACTCCAGGGATATGTCGTGGAAGTTGGCACAAATTG
CAGTTTCTGCACACTGTTCTTCCTTCCGTTGATATCCAAGTCCACCTTGAATGTGAGGGT
GTGGTCGTGTGAGCTACCTGAGAGAAAGTCATGGATGTGGAAGCCGTACTCCGGTTGGCC
ATCCCAATAGGCAGCGGCAATATATCCAGAAAATCGAGAGGATACTTCGATGCCTCCGTC

GTAGAAGAAGCTGTAGTCGATCATGAAGTCGTAGTTGCCTACTGTGGCTACGGTACGCAT
GACAAATTGGATATTCTTTGCTACACTGGTGTGTGGTGCGGATGGTGAGAAAGAGTGGCG
GCGGATCGGGTAGCCAGCATCAAACTCAAATATGCATATAGCATCCGCTTGGGTCTTGAG
TGTATCGCCTTCGGTCCATGTCGCAGGGAGATATGTCGCATGACTAGGGCAGTCGTAACC
CTTGACAAGAGGTTGTAGTGTCGAGCCCATACCACTTGTAGTGTCGAAGAATGTTGCTTG
CGATTGGAAAGGATCGGTTCCGGAGTAGGACGTCAGAGCTTCTTGCAAAGACAACTCGTA
AATGATACGTCGGCCTTTGTATTTGATGTCGAACAGCGAAAGGCCAAGATCCTGGGAGAC
AGCATGGTAAAACGTAAAGTCCATCCAAGATATATATCCCTCTTCAGCATCAATCTTGAA
TCGCTGGTCTCCTTGGGCGATAGACGCTGGCGGTGGTAGATGGTCCAAGGGCATGGGCGT
TCCCTGCCTGTCAGTGGACGTCCAGTTACCCAGTACATTCGGTGGTGGTTTCTGGTAGTC
GGGCTGGTTGATTGCGGCACGGAAGTCGTCAGTACTGGCATAAAACTCTCCTTTCGAGTA
CCAGCCAACAGCTTTCCAATTGTCCGAATTTTGTCCAGTCAAATCAAACTTTACAGCAAA
ACCGAGCGGCTCCACTGTAACACTGCTAAGTTTGGTACCTGGATCCGCAAAGGCCGCCGC
CCAGGAAATTATTCGGCCTTCTTCATCCCAGAAGGGACTACCGAGCCGGAGACCAATGCT
ACCAGTAAAGAAAGTCTAGACATGTAAGCTTTTGCTGTTACCTAGTGCGTATGTCTTCTA
ACTTACAGTGTTGAACAGTTGCATTGAGATATCCTCGACCTCTGTCGAGAACCTCGTGAA
GAAACTTGATGCTTCATTAGGTGAGTACAAAGGATGCATGGGAGTTCGTCCCGGTTGAGA
GTTTTGGAAAGGAAATGTCAACGGTTCAACCGCAGTGGCGTTTGTTGCTGGTAGCGGCCC
TACCAAATACTCTTGCCAGTATTTCTCCGTCGAGTTGGTGGTACCGCTTTGAATAGTTGC
TCGCGCATAACGCCTTGGTGCGGTGGCATTGTTGTCGAGAAAGGGTAGAGTGTCCGTCTT
GTTGGGATGAAGAAGGGAAAGCTGTACGCTGAGATGGTGTTAGTAGGCACAGTGATGTTT
TGGATTGCCAGACTCACACAAAGTTATCTCGGCTGGATCCTGTGTTGCCTGTCAAGCTCA
TTCTCTCCTGTAGAAGCTCATTGACACTAGCAGCTTCTTCTTCGGACAATGCCTTCCATG
GGTTCTCGTACGGCGCGCTCACTGTGGGTTGGCGATCGTTTGTCGGCGTATCTTGTGCCG
TCGCGAGAGAGGCCAAGACGGCAGCACCAAACGTTAGAGACGATGTCCACTTCATGTTGA
CTCGGAACGAAAGTAAACGAGCGTGCAGATTCCGAAATGCAGGTCTCTGCGGATTATATG
CCCGTCTGTTGGCCCATGCCTATACGGTAGCACAATACCCCTAAGGGCGTTTGTGCAGTC
ATCACACCATAGCTGGCTCGCGTCCTTAGCGATGAGGAGCTATGCCTCAGACATCGGTTC
TGTTGAGCAGGCTGAAAAAACAATATCGCGGTGTTGCTTTGATGCACGCCGTGCGCTAGG
AAGGACATGATCGGCGGCACGGTTCTCTTCTGCATATGTGCGAGGGGAATTCAGCTCCAC
ACCCCAGCGACGTGCATCCAAGCGCCTTCGTTACATAATACGGCCGCTCTCACAGATTTC
GAGGCAAAAAAGTACAAGTGACTGCACTGCATCGACAAAAGAATGTCTTAGGTTAGCAAG
AAAGTGTGGTTGTATCATGATTGAAGTGTCACGCACGGTTGGCGACTCAGGGGCGGGGGC
ATCCCTTCCGAAAGCTTGGTACGGCAATGCACCCCGCAAGAAACAATAACAGGCGAAAGT
GATCCAGCAAACAAGCTTTTCATGGCTACCTGTCGGTTCCAAGATTTGGTCGCCGATGCT
ACCTACGTGCTTCTGGAACTCTGCAAATAGAACAGCCTGCGTTTCCACGCATTCCCCAAC
AGCTGAAGATCGCCCCCGTCTCGTCGTTCGCCACGCCATCTACGTACGTAGTTCCAAATC
GCGACGTCCCATCATTGCCTTCTCTAGTCGCCCGCTTTTCGCTTGCATTTTCCATTCTAC
GTCTTGTCGTTGTCACTGCTCCTGATGCTGTTGTTACTGCGATCCTTGTACCGCTCACAC
ATCCTCTACGCAGGTTGAGGGTCGTTGTTCTTTCAAGGTTGGATCTGAGCTTCCAGGACC
TTTCCTATCAATACCGCAATTTCCGGAGCTTGAGCTTCCAACTTCATCGCCATGAATATC
TCTGAATTTCATCTCGTTGTCATGGCCATGTATGCCCTCTCATCCTTTGCTACAAACTTT
TCTAGGGCCAAAGGGACAGTATAAGCAGGATTGCGAACATCAGCTTCGAAAGCGATATCA
TGTGCTCTGTGGGCGGCTAAGTATAGTCTTGTAGTCAACTAGACCAGGCCTTTTTCAGGA
CCTGGATCTCAATAGCGTTGGTGATGGGATCCGCGTATAGGATGAGGATGCGTTCTTCAA
TCTTAGTAGCCTGCAGCGCAATCTTTAGGTCGGTCTGGCAGATATTGGGGAGACTATGGA
CGACTTGCTGCACGGAGCGAATGCACTCTGCTTGGTGAGCTACTTCGGCCATAGATTGGA
TCGCCCGGCCGCGCTCTGCATCGTAGGTGGCCTCGCCCATTTCCTTGAAGAACCGAGCGC
GCACTGTCTCACAAGTAGCGTCGTAAGACGGCATTACCGTGTATCAAGGGGTAATGTGCT
GATCTTGGCTTGCGACAACCTGAATAAACAAATATCGGAGAGAATTGGTCGTGGTGGCAG
TCGGTACGAGGGTGGCGTCCAAGTGGATCGCAGGATTGACAGAGGCAAGACAGTATTAGC
GAGGGAGCAAACAAACTCACCGCTCTACTTGCTTGTACATGAGAGAAGGACTAAGACATA
TGACGCTCGCAAGTAAACTGCTTCTCTTGTTTCCTGTATTCTTCCGATGTCCGGCACTGC
AAGCAGGAATGTCATGATAGTCAATACATTCATTCCACGTTCCTACTAAGCGAATACAGT
TTACGTCTAGTGTAGATGACCTTCCTGTCCTACTTGGCTGCCACTTTCTCATTGCATCTC
TCGGAGCCGCACTTGTGTTCGAGCAATCTCTAGCCTGCAATGCTTTTGCCAAATGGCCAC
TCACGCATTCGCTGGGGGTCCACCGCCTGCGTATATGTACAACGTGCGTAGTACCCCAGT
ATACAAGTCCTGCTTGCTGAACAGGGAATATATTGCTATTAGAATAATTACGTACGCTTT
CCAGCGGAAAGACCCAATCATGGTAGAAGTTAATGAGTTGTTCTGGTGCGGTAGTTGGAA
AGCGGCGTCACACCAGAGATATTCGATACATGGCCAGAGCATTCCTAAAACTACAGCTAG
AGCTGTCATGTGCAATCTTTTGTACGACAAGCCGGCTTGTTTCACGTTCAGTAGCCATTT
TTCGTTCTTCACTTCGAGGTCATGATCGCCACACCGCTCGACTTCTCAAAGAACGATCGC
ATACTCAGGAAAGATAGCAGCAGTGACATGTCTAACGTACATCGAATGACAGTCTACAAA
TAGCGACCGCAGCAAATCTCTAGAGCGTGATCCAAGCCATTCGATATGAGCGCAAGTTGA
GTTCAACACCAGCAGTCCAAGCATCTATGTCTAGAACATAATCAGCGGCATCAACGATCC
ACGATTGTTCCGATGCTTAGACATTGCGCTGGATCGAAAACGTCTGGAACTCATTTGTGT
ATCCCTTCCCATGTACTTCAACTGGTCCGACCATGAAGCCAACTCATGCATACCTGTTGC
AAAGTACAATTTGCGTAACAACTTTGATAGCCTCTCTATCTCACGCGACACATAATAAGA

CTCCGGGCCATCTTGATCGAAACCGTGCTTGTAGTAGCGATGGATACATTTGTATGCCTC
CAGGACGTGGTCGAAATATGGTGATGCTACCATTCTCAGCTCAAAGAGGCCCTCTTCCAG
ACTCGGCTACACATTGTTAGGCGGGCGTAATCAGAAAAGGCTAAGCGGGTAGCATGTAGC
GTACAATGTTGTCATGAGTAACACAAAACTCGCAGCATGGACCTGCTGCGAGCTCTGAGA
ACGTCCACCATGGAGCTCGCAGCCTTCGAGACGATCGAGGATTGGTACAGCGCGCATGTG
AATCTAAGAAGTCAAAGCCATTCGACCACCACGGGTATGTCTGATATGGCATTTCGTGTT
CTCTTTGTTGATGATGCCCAACACACCACGCTGTGAAATAATGAAAAAGCAGTGCGAAGA
TAGCGGTGAAGTAGAAGAGTTGACTATGATATGGCTACTGTGTGCGAAGGTCCTTATACT
GCTGGTCATTGTGCTTGCTCACGTCACACACTTAATACCAGCCCTGCTTCTTGCACCACC
ACAAGAATCGGCAGAACGAAAAGGCAGCCCAATTGTACCACGCAAACGAAGTGGCAGTGG
TGAGACAGTAGTCATGCTCTGCACGTCAGTCCAGGATCAGTAGATGTGGACCAGGCGTTG
GAGAGGGACATGATCTCGTTGGAGAGTTGTTACGAGGCGCAGGGGTTTCGCAGCAAACAG
CTCGACAAGCCCGAGGTTCGCGTGACATATTCACCGCTGACTGAGTGATGCTGGGCCATG
TTCGTAAGATATGTGGGAGGCGGAGAAAGGCGCGTGACAAGATGGGTTAGAAGACTTTTG
GGGCGGGACGCGCACCGACCACCACTTTACGCGTCGCGCGTGCTTCGTGTGCCGCTCAGT
TCCTTCCATGATTGACGCTCTCACACTGTCGGCAATTGCAACGCACCCCTCGCACCTTCC
CACAGCATACCCAAGATGGCCTCTACCGTTCTCGGCAAGAGGACTCGCAGCTCTGCACGT
ATAGAAGCTTCAGGTACGAGCCACGGCGGCTCTGGTCGCGGTTCCTTGGACAACACGTCC
CTAACGCGCTCTACAGAGTCAAAATTAAACATCGCAACGCGCACAAAGCGGAGGACTCAG
TTCGTTATACACGACGAAGGGGAGATTGAGAATCCCTTCGTCACTCCAAAGAAGCAAAAT
GTGCGCGACGAGGATGCAATGGACGTGGATGAGCCCGAGGAGAAGGCGTCGATAAAACGC
GGAAGGAAGACAGGCACAACTCCCGCAAAGTATGCCTCGCAATGCACACGACTCCCCGTT
TCCGCAGCCAAGGAGAACTCCCCGCAGAAGGCGCTCGTGGACATCCCAGAAAACTTTGCG
CCTACTCCTTCGACACCGAGACATCGCGACGCGCTTGCCGGCAAAGTTGCCGTCACACCC
AGGCACCGACTCATCATTGCCGGTCGACCTTTGACACCGCGCACACCACACACCCCAGGC
ACTCCACGAAACACAGGGCCGACAATCTACAATGAAGCGCGTCAGGTATTTGCAAGAGGC
TCTGCCCCAACTGCATTGTTTGGTCGCGAAAATGAAAGGAAGGAACTCGACACGTTCATC
ACAACACGAACTAAGACGAAGACATCGGGCTGCATATACGTCTCCGGTCCGCCAGGCACC
GGCAAGAGCGCTTTCGTCAACGACGTCTGTCGTACAGTCTCATCGGATGAAGCCGTTAGG
ACCGGATACATCAATTGTATGAGCGTCAAGAACGCCACAGATCTCTACAGAACCCTTTTA
GAGGAGTTCGTCGACATCACTGAGATCGCAGAGGGCGACGAGATGGATGCGCTTAGGACT
GTTTTCATGCAACGGAAGACATCTTACGTCGTTACGCTCGATGAAGTGGACCACCTGCTG
GACTTGGACATTGAGCTCTTCTACAACATCTTTGAGTGGTCGTTACAGAAAGAATCAGGC
CTTGTGCTAGTTGGCATTGCGAACGCGCTGGATCTCACAGATCGATTCCTCCCGCGACTC
AAGGTTCGCGGTCTCAAGCCGCAACTACTGCCGTTCCTCCCATACAACGCCACACAAATA
TCCTCTGTCATCACCTCAAAACTAAAGGCCCTTCTCCCACCAGGCTCAACCCAACTACCA
TTCATCCACCCAACCGCCATCATATTCCTCTCCAAGAAAGTAGCCGCCCAGTCCGGCGAC
CTACGCAAAGCCTTCGACATCTGCCGGCGGGCAATCGACCTCATCGAAGCCGACACGCGC
GACCAACACTTGAAAAAAGCCACAGAAATCACACCATCACCCACGCCCTCGCCCTCGAAA
ACCCCTCTAGTTGAAAAAGTCAACCTCTCCTGCTCAGCCGTGCGCTCACCCACCAAAACC
AAAGACCTGAACAGCATCATCGCTGCCTCCCTGGGCTCCCTCACTGTCGAAACCGCACCC
CGCGCCACCATTGCCCACATGGCCAAGATCACAGCAGCAGTATTCAGCAACGGCACAAGT
CAACGTCTGCGAAACCTGAACCTCCAACAAAAAGCCGTCCTCTGCTCGCTCTCCGCCATT
GAAAAAAGGAAGCGTGCCACCGCTGCCGACAGCATTCTAGCCACACCGTCAAGATCCCAC
ACTACATCTCCTACCATCAAAGAACTTTTTGAAGCCTACACCGCGCTGTGTAAGCGAGAG
AACATTCTACATCCTCTTACGAGCACTGAGTTCAGGGATATCGTAGGCAGTTTGGAGACA
CTGTCGCTTGTTTCTGCAGTGGAGGGTAAAGCTGGGTCGCTGGATGTTGGCGCTGGCACG
CCTAGTCGCAGGGGGAGGGGTAAAGCTTTTCCTGGGGTTGTTGTTGAGGATCGCAGGGTT
GCTAGCGTTGTTGGAGAGAAGGAGTTGGCGGATTCACTCGTGGGGCCTGGAGCTGGCATC
CTCAAGGGTATCCTGGAGGGAAACTGAAAAGACGCTGTTGTTGTGCTTTTGGATCCGGTC
GCATGGAATGGGGCTTGATTACGGATCATATTGTGACATCCTCGATTGAGGCTCTGTGTT
TGTCTACTTGTTTTGCGAAGCGTGGCGCCAAAGTTTTTGCACCTGCATCATCGCTTGTGT
TATGAGCAATAGTCTTTTAGCGTAGCATAGCCGGCTTCATTCAGGGGCATAACAGCTGTA
CACCAGAAATGCAGTACGATTTCAACACGATGTACTTTCATATGACAGTGATTCCCAAGA
TTCATCAATGGGTTAAAGACCGAACTTTTGTGCTTTTGCATCTTTTTATGTCTCAGAGGT
TATGGTATCATTCATCTTCATCCCATCCATGCAGATCCTTGTATTCCAGGCTTCAAGACA
CAGGTCCTCAGACCTTGACGCCCCCTCCTTCCACGGCATCCTCTTTGCTCGCCTGGCTCT
CTCCTTGTTCATCCGCTACACCGTCCCCACCCTCTTCCTCCTCCTTATCCTGCCTCAACG
TACTTGTCGGCACCTCACTCTCCATGCCCGCCTTGCGAAACACAGCCTGCATCCAACACC
TATACATTTTCAACCTCCTCTGCCTATTCACCAGCATACGTCTATCAACGCCAATGTGCG
CAACCTCAAAACCCGGTCTGGGGGTCTCGGGATCATTAACGTCATCATGACTCTGCTCTC
TCGTCTGCGAATCCGGATCATGAAGCGACAGACTCTCAATCTTATCCGCGATGACGCCTT
CAGCCTCTGTCTGGGATATTGTTGTATCCGCCACATTGCCAACCGTCGTATCGCGTTTCC
TGGCTGCTCCACCCCAAATGTCCTCGAGCTCAGACTGCTCGAAGAAGTAGACTCGCGTGC
CGTCGCCGCGGACGTAGAAGTTTTCTTCCATGTACCGGCCTTTTTTGAAGCGGACCTGAG
CTAGATCGCCGCGTCCGTAGTCGCGGAACAGGACCTGGCCGCCCGGCTTGAGGACCCGCC
AGATATTGCGGACGGCTTGGTCCCATTGCTTGGGATTTAGGGCACTGAAGATGAATATCA
TGAGTACGACATCCACGCTGCCTTCTATCAGCCCTGGAGGGAGACCGCCGTTTTCAGAGT

CGGGCGATGCGGTTACGTCCCATACGTCGGCTTGTATGCGTTCCGAGTCGTAGAGTTCGT
GGTTACGTATAAGCTCGACTGCCTTTTTAGAGAAATCGCATGCGTGTATCTTCAGCCTCT
TGTTTTGGCTCCTCTGCAAGATGGGAAACGCACTGTTGCCCGCTCCAGCGCCAACTTCCA
ACAAGGTAGCCTCGGGTCCATCTTCTGCACCCAGTTCCTCTAGTATTGGAAATTCCTGCG
CCAGCCATTTGCGATTCTTGAAGAAGTTTGTCTTGTTGTTCTTGTAAAATTGGTTCCACC
ACTTCTCGGGCTGGTCGTTGTAACGTTTGCGATCAAACTCGGAGACGGGCTCTTGCCGTT
GTTTGGAATATTGTTCTTCGGAGAAGGCAAGGTAGTTGGAGTCGACGGTTACGTGGTCCC
AGGCATTGAATTCGAAGATGTTGTCGCCTTCCTCGAGGTAGCGCGATCCGAATGCGAAGG
GGTCACTGCGCTTTTGGTTGTTGCCAGGGTCGTGGGAGCGAGAGGGTGGTGCGCGGACAG
GCTGTAGAGAAGCAGGTACTCCGTAAGCGTCGTTCTCGGGGCCTTGTTGCGTGGGTGGAG
ATGCGGCATCGGAGGCTTCTGGCGGTGGCGTGGAAGTCGAAGTATGCGGTATAGGATCGA
CTGTGACTGCGAAGCGCATATGTTCCATTGCTTTGGATAATTGCTGTTTAGGCTGTGGCT
TCCTTGACATGCTGTTGTCCGTCTGGAATCTGGAGTCGCCACTATCCTGAGAACTTGGGC
CGTCCATGGCGTCTGTGTTTGCGCTTTCCATGGCATCCATTTTCGCAGCCGTGGCCGACT
TTTGTTAGAGTCGCGTACGCGGGGCATGGGGATAATTCATGGAGGGGAAATTTCAGCCGC
TAATGTCGAGAGGAGTTTAGCGGCCGCGGTCCCTGGCAGCGTCATTGCAGAGCCGCATCT
CCTAGCGGCGCGAATCCACACTCAACTGAAGGTTGATGCGCTCATCGATTCTAGGCTTTC
GGAAAACCTCAGGTATCATGTCGAGGTGACACTCTCAATACAAACTCCGCTGTCCACTGC
TCTAGATCCACAATGGCATCCTTGCGATCCGCTCGCCCATCGGTGCACCGCTACACGCGT
CTTCCCCAGCGCCTCCCCCAACGGCGAACCTTCCTCCCCAACCCTTTCGAAGCACTAAAC
TCCGCCCTCCCATCTTCGTCCTCGCCACCTCAAATCCTGACCGCCGTGCGAACTCTCCCT
TACCCCTCGGACCCCGTCTACTCCATCATAGCCGACGTACCCAACTACCAAAACTTCCTG
CCCTACTGCCAACGCAGCGACATAACGAAGTGGTCGGCACCAGATAAAGTTCATGGCCGG
CGGTGGCCATCAGAAGGCATCTTGACGAGCGGCTTTGGTGGCATAACCGAGAGTTTCGTG
AGTAGGGTGTATTGCATACCGGGACGCTATGTGGAAAGTGTAGGCGGGAACACGGAAACG
AGCTTGAAGATTGACGATATCGCCCATCACTTAGATGGGGAGAAGCAGGGAACAGAGAGG
AAACAAGGCGAAAATGGTTTGCTTACCCATCTACGGAGTACGTGGACTGTCGAGTCTATC
CAGAACGACCAGACACAGGTTAGTTTGGCGGTAGAGTTTGCTTTTGCAAATCCCATGTAC
GCGGCCTTGAGTGGGGGCGTCGCGCCCAAGGTGGCAGAATTCATGGTCAAGGCTTTCGAA
AAGAGGGTGCAAGAGCTGTTGAACAACAACCCGGACATGGTAAAGGCGAGTTTAGCGGAG
CTGGATGGCAGTCGATTGAAGAGGTAGCACATGGTCTTCATCAGAGGGCTACAGCAAATC
CAAACGAATGGACAAACAATCATGTTCGGTCTGTGTGTGCATCAATCGCAATAACATTCT
TCGTCCACTACTTCATGCTCTCGAAATACTTCTTAAATCGCGGCTCGCGCTCCAGATCAC
ATCGCAACACCGCGTCATAACAGCTCATCAGCAGCTGCGGGAACTTGACCGTCCAATATC
TCAGATAGCCACTCGGCAATGGCCCCACCTTGGCCTTGATTGCATCCTCCATATCCTCGT
AGTGGTTTTTCTTGTTCCTGAGCGCTCTCAACAGATCCAGCATCTTGTCGCCCGTATACT
TGCGCTGTTTTCCGAGCGAGTTGATGAAACTCTGGTCAAGTTTGGCGAGGAAGTTGCGTC
TATGATCCAGTACGTCTTCCGAATATTCTTCCAGCACTGCCAGGTGTTCCGATGGTGGGT
CTCTGGGTTCACGTTCCCAATGATCCGAGCAGTCGCACAGGAAATCAAGGCGTTTCTGAT
CGTCCCAGAAAAAGGGATGGTTCATGACTTGCAAGGCGTTGGGGCGGTCTTCGGGCCTGG
GTCGCAGCATCCAATGGATGAGACGATGGGGCTCTACGGAATCGGCACCGAGAAGCAGGC
GATCGAGATTGGACTTCTCTTTTTTGATGTTGTATTCGCGGATCTGCATCCAGCCTTCTT
CGTCATCGAAAGGATGGCAACCACCAGTGAGGACGTAGTAGAAAACGCAGCCCAGAGAAA
ATATGTCAACGGCTCGCTTGACGCCTTGCGCGACCGGGTCTGTAGAGCTTGATGAATCGC
GAGAGAAGCCTTGAGAGCTGCCGTTGGCCAACTCCTTCGGTTGCGAGATAAGCTCAGGCG
CTTTCCAGCCAACCGTGCCTGCATTGCCAGTCGTTCCGACAAGGGTACTGACGTTGTCAG
GCAGCGTCTTACAGAGTCCGAAATCAGATATCACTAGCCGTACATCGTCCTTGGAGGTGA
TCAATGGCTGTGCAATCAGTATGTTCTGGGGTTTGATGTCGCGGTGGATGATGCGAAGAT
GGTGAAGGTGATTCAATCCAGCAGCGAGTTGGTAGAGACAAGCTGCAGCTTTCCCGCTGA
TCTTGTTCACCAACTGCTGGTGGCTTTCAGAAAGTTCCTCTCCTGGACGACCGTCTTTGT
AAAGGTCAAACAGACTAGCTTGACAGAGTTCGACGGCGATATATAAGAAGTTCTCATCCC
TCTCATCGTCAAAGTATCGAATAACGTTCGGGTGCGGGTCGCTGTTCTGTAATAGCTTCA
CCTCTTGCTCTGCGAGTCCGAAGTACTGTGGTAACATGCGTTTGACAGCCACCTTGACTT
CCTGCAAAGAGAATTAGTATGAGATACTCATCGAGAATGCGTGGAAACCGTCATTGCTGG
ACGGCCGACATGCTCAATCGTAACAGATTGACTTGTTCAACGTACCTTCCATTTACCCTC
AAAGACAAACGTTCCTCCACTTCCGTTGCCAAGAAGACGATCTTGGTCGATCGTCAACTT
GCCGATCCGTTTGATCTCGGAGACATTCTGTACATCGCCACCACTCACAGTAAGTTCATC
GGGTTGCAGGCGAGGCCCGACCTCGAGTTGCTTAGCTGCGTCCACGATGCGATTTACCTC
GTCTTCTTCTTTCTGTTGATTCTTGCTGAGCTTGCGTCCACCACGTCTACCCCGATGTGC
TTTCTTCTTCTTAGGAGTCGTGGGCGCGGCGGATGGGTCCTGCGAAATGTCGTCGATACT
GCTAGTCATGGGTTGAGCATCCGCGTTGAGTGTGGAACCAGTTAGGGTAGGTTCGTCTTC
ACTAGGAGAACCACGTTCAACCGTCGTGGTTCTAGAGAGAGGTGAAAGATCTTCATCTTC
GTCATCGGGGACGTTGAAAGTCACTTTCTTCTCCTTGACTTCCTCAGCAACAGGGGCGAC
GATATCAGCCTCTACTACACTTTCTACATTTGGCTTCTCAGGGACGACGTCCTCGCTGAC
AGGCACTGTTAGAGTCTCCTGTTTTACGGATTGATCGATTTCCGGCTCGGTAGAGGCAGA
CAGTGGAGTCGGTGACAGAGTGGCCTTGGCTGGATGCAAAAGTCTGTTGAGGTAGCTCAA
GGAGGACTGTCGTACTGTTGGTTTCACAGTAGCTCCCAAAACGACAACGGCAATCATAAA
GGAAACAAAGAGTGTGATGGATGCTTTTGCCGTCTGCGTTTGAGGCGGCCCTTCAATCGT

TTGCTGTTGAGGGTTTTCATGAGGTGATGTCACAGGCGGATTAGACACGACTTGACCGTT
CAAGGTTGGAGAGTAAGTCGTGGCGGCGATGCCTGGCAATTGTGCCTGCTGGCTGGGGAT
CCTGTAGTCCAGCCTGTGGACACCAATAAGGCTTCTCCTATCCGGCAACACGTAGGCTGA
GTCCCAGTCGTATGATACCTGGTTCTGCTTGTAGCAAGCTGCGTCGGGTGCACCGTCGGT
GACTGCGGGGTAATTGACTTCTGAAAGAGCATACCAAGCCCCCGATTCGGTCGTGTTGAG
CAGGACGTGGTTAGCTTTGTCATCCGAGAAGATGGGGCCGGCTGGTTGTGGGAGCAAAAC
GAGGGGCGGCTCGCTTGACTGATCGTTCAGAGGCCGAGCAACGTCAAAGACACGTGCTAC
CGGGTAAGGCAGACGTTGTCTGTAGAGGGGACGCTGGTGCGATCTCGGTCGCTTGTAGTC
AAAGGCAATGACTTCGCCGTTGTACATGGTATAAATGTACTGCTTGTCCAGGGTCTGATC
GTACTGGGACTGCAAATCTTTGTCTCGGCTGTTTGGGTTCCACTCTGCATATTTGAGCGT
GCATATATGCTCGTTGGTCTTCTTGTTGTGGATGGTGATGGTGTACTGAGTCTGGCCAAT
GTCGATGATGCCACGGCAATCGCGTTCCCGAGTGCTGAAGAAGTTCTTGGAGTCGGGAGC
GCAGCTATCGTCGTAGGGGAAGTTGCCGCCCGGAGTGAAGCTCTGCTTGACAATGCCCGA
GGCGGCGTCGACGAGAAGCATGAATGTCTTCTTCTCGACGTTGTAGACGACGGGGAGTTC
CGGGTCATCGCTAGAGTAGGGTGCACTTTCGGCGAGTTGCTTGACTGTGACACCCAGGTG
CTGTAGCTGGGGGTGGGGGCCTGGAGTGAGGAGATAGAGAGCTCCGTCCTCTTTAGGCTC
GACGACCCACACAAAGGGCTGGTGGTGGGGGCTGGTCTTGTCTTCGGAGACGTTGTAGAT
GGTCTCCAACATGGGCCGTCCGCTTAGCTCCCAGATCTCCTCTCCATTGTATCGGTCGCG
TGCGTGGATATGGCCATCGACGGTCGCCAAGAGAACAAAGTCCTCAACTTCCCAATCCTG
CAGAGAACGCGCACTGGGGATGAGGCCTCCCGAGGCAGCGTATCTGGCAGGATGGGCTCT
GACAGCACTGATGGCTGGAGCAGAAGGAACTTTGGTAGCTACGGCGCGCACATTCTGGTC
GTTCAAGGGCGTGTAGGCATGACGTCTATGGGCGTCCCCTACAGTGTCTTTGAGGCTGGG
GTGTCCGTGGTGGGGTTTAATTGTGTTTGCATGCTGCACGTGCACCTCGGCGTGGGGAGA
CGTGTTGCCGACATGGTGGTCGAGTGGTTGCTGCTGCTGAGCTGCCACAAGCGTGATGAT
GAGAAGGGCGAGTGTGGTGAGCGTCGAGCCAGCACCGGGCGGCCGGCGCGGACGCGGCAT
GGCGGGTCGGTCGTGCGTCGATGAGTGGGAAGCCTAGGGAAGGCGGCGAGAGCGGGGGTG
ATGGAGCATCAGTGGGAGGTGATGAGGTTTGGGCGGAAGAAGAAGAAGGCCTGTGGCAGC
AGTGATTTTGGCCTCGATATTAACCTGCGGGGGCTGCTGCAACTGTCTGGGCGTGCGCCG
CAAACTGGGGGTCTCGCCGGGGCCTCGTCAGCCAGCCCGCCCACTAAACTCCTTGCCGAC
ACGCCCGCCTGTTTCCCTTGTTTTAGCACCAACCTTGGCCCCGTCGTCTTTGCTGTCCAC
GCAGGTACCGGCAACACGGCCAAATATCACTTCAAAGCATCGTTCTTGTTGGCAAATATC
TCGTCTTCCTCCAACTCTGTCTGCGAGCCTGCCTGCAGCTCGGTCTACGACACAGTCAGA
AGGGGAACACCCGGCTTGCACTCCCCCCCGCCCCAACACCCCCCATGTTTCTTACCAAGT
CCGACTGCCATGCTGCGGCAAGTACCATGTAAAAGTCTAAGATTCCTATTCGAGACAACA
ACATGAAACAGATGATGTGAGCACTTGAGTAGCTCTCGCAACTACTAAGCAACTGTTTGT
TCACAGTCGCCAACCTGTCGTTGCGTGCAACTTCACTCCACATTCGGCAGTGTCCGCCCC
CACTGCCACATATGTGACACGACCAAAGGAGAAGCTTGGTCTTCATCATGTTCGTCTGGA
TGCATTGATGTCTTTCATAGTATACACTCTATCTAGTGTCGAAATCCTTGACGACATCAT
GCCTGCTCACCCCACCCTTACATGCGCTCACGTCTCCGTGGTGCGCTTCGGATGATGTTG
TCTACTCGCAGTAGCAACTAGAGTCATGTTAGTTCCTTGCTCAAATCACGCCGTATTGGG
TAGACTTACCTCTGCAGCCTCTGATGCTGACGACACCACCGCGCGCTTCAGCTTGTAGCT
CTCAATGACGCCAAGCTCCCTCATGTCCGCAATGCCACCTCCAGGGGACAGGAGATCCAG
ACCTGAGCTGGTCAAGCCCGAGTAGACGGCTTTCCGGAGGCGTGTGACCAGGTCGCTCGA
GTCGAAACCAGCGTTGTCGGCCAAGATGGTGGGTAGTTGTTGGAGCGCCTTGGAGAAGGA
CTCGACAGCGATGGCCTTCTTGCCAGCCACGTTTTGTGCCGCCTCCGCCACGGCCTTTGC
CATGTTCATCTCGGCGCAGCCACCACCCAGCGTTGTCCTTGGCTCTTTGATCGTCTGTGA
CAGAACGGCAAGTGCGTCGTGTAGCGATCGCTCGGCCTCGTCGAGAAGTTGCTCGGTTGC
ACCGCGGAGGACGATGGTGCATGCCCGTCCGGCATTGATGCCCGAGAATCTGATCAACAC
ATCCTCTCCGATGATGACCTCTTCGACTAGATCGCAGTGGCCGAGCTTGACGTTCTCTGG
GTGGTCAAAGGTCGAAGTGATCTCTCCACCAGTGACTAGGGCTAGGCGCTCAATGCCGTC
AAAATCGGCATGCTCGATGGAGCAGATGCCAGCATCCGCGAAGAGTTGCTCTGGCCAGTT
GTAGATGAGCTGTCGGTTGACGAAACAGTTGATGCCGTGTGCCTTGATGCGCTCAACCTT
GGCCTTCATCTTCTCGCGCTCAGCCTTCTCCAGCTCAGCGAGCTTGCCTGTCGAGTCGAC
CTTGACCCGTGCACCGAAGATCTTGATCTTGTCCGTGTCCATGGCTGTGTTGGCAACCAG
AATCTTTGCGTTTTCTATCCGCTTTGGCTGGTTCACACCGAACTTCTTGTCCAGGATGAA
TCCCTCGTCCAGGTACGAGTCCTTCAGCTTTCCGCCAGCCTTTTTGATGATCTGAATGTG
CGTGAGGTCGGTCGATCCCCCCAGCTTGAGGACGGCGTCGACGGCAAGTTTCGCAAACTG
TAGTCGGTCCTGCGAGAGCACTTTTGAGCTCAGAGTTGTTCGGGCAATGGCCTCGAGATC
TTTCCTGAAAGCCTGCTCGTCGCTGCTGTGGTCCACGGCAATCTTCTCCAGGGCTTTGAG
AGCCGCAGAACTCGCTATCCTGTAGCCCTCAATGATAGTCTGGGGGTGGATCTTCTGGTC
GACCAGCTTCTCTGCCTCTCGCAGCAGTTCGGCGGCAAGGACAGTGACTGATGTCGTTCC
GTCGCCGACCTCGTCATCTTGGACTTTTGAGATGTTGACCAAGACTTTGGCAGCGGCGTT
GTCGAGGGCAATCGCTTTGAGGATGGTAGCGCCGTCGTTTGTAACCATGATCTCGCCGGT
AGAACTGGAGACATGTCAGTGCAGGCATCATATGGCGGGGCAGGAGGCGGCACCTACGCA
GACTGTAATATCTTGTCCATGCCCTTGGGGCCCAGTGTGCTCTTGACCAAGTCTCCGACG
GCGATGGCTCCTACAAAGGCCGAGAGACGCGCATTCTCGCCCTTCTCCTCTGTGACATCC
TCCGCAAAGATCTGGGTGGGGTTGGACTGCGTGCGAGTGAGTGCTTTTGTTGCTTTTGCA
GCGAGGCGTGCGACATACCATCTTGAACGCACTCGTAAACAGGCAAAGAGGGGTATCTCG

GAAGGTGTGGGGTTGTTGGTTTGTGGTGCCTGAACGCGACTTTTTTCTCGACCTGCCCGC
GTTGAAGCTGTGTTTGCCGTGTTTGCGCCCGGAGCTTCCCCGGCCAATGGTTCCACCGGC
GCCCGTGACCTTTTGGATGCCTACAACTTTCGCTGCTTCACCACTCCAATTGCGCGAGCA
GCTGTATTCGACCTGGACTCGTAGCTTCTTCCAGCTGCCACTCGACTGCCGTATCCTCGC
GACACTTTTCCCTGCGCAAAATGTCCAAGCGACCGGCGCTAGAACCGCTCGAGGAAATGT
ACGACGCGCCTTCTCCAGCACCAAAGCGCGCCAAGGTCGAAGACGAAGAGATGGAGAGCC
CTCAGCCCGATGGCGCGACTAGCAATGGTCATCTCATGTCACCGCGCGAGCAATATCGAG
ACAAAGTAGACATCACAGGCGCATACGACGAGGAGCATGCCGAGCTTGAGGAAGCCGGCG
CATTAAACGACAACGACGACGATGACGAGCCCGCAATCGCTGCGCCGAAACGCCAGACTG
CCCCAGAAGCCGGCTACACAGATCTATACCTTGATACGATAAATCGCAAAGTCCTCGACT
TCGACTTTGAGAAACTATGTTCCGTTACCCTCTCCAACATCAACGTGTATGCCTGTCTAG
TATGCGGGAAATACTACCAAGGTCGCGGCCCCAAATCGCAGGCATACTTCCACGCGCTGG
AGGAGGGCCATCACGTATACGTCAATATGGAGACAAAGAAGGTCTATGTGCTCCCAGAGG
GCTACGAAGTGACGTCCAAGTCGTTGGACGACATCAAGTTCGTTGTGGATCCGCGTATGA
ACAAAGAAGAGGTTGCGAAGCTAGACAAGGAGCCCAAGGTATCATGGGACCTCTCCAATC
GAGAGTATATCCCAGGTTTCGTTGGTATGAACAACATCAAAGCGAACGATTACTTCAACG
TTGTGATACAAGCTCTATCTCATGTTTCTCCTTTGCGGAACTATTTCATGCTGGAAGATT
TGTCGACCCGGCCGCAGCTCGCACAGCGCTTTAGCACCCTCGTCCGTAAGATTTGGAACC
CACGGGCCTTCAAAACTCACGTCTCACCCCATGAACTCCTCCAAGAGATAGCTCTTCGAT
CATCAAAACGTTTTACTCTCTCTGACCAGTCAGATCCCGTCGACTTCCTCTCATGGTTCC
TCAACAATCTTCACCTAGCAGTCGGCGGCTCGCGAACAAAACCCAACAGCAGCATAATCC
AGAAAGTGTTCCAAGGCACGCTGAAGATCGAGCAACAAGAAATTACTGCGCGTGCTGATG
CCGGTGATCGTCTCCGCTTCGAAGACGCCGCCGTTCAAACCGAGATATCACGTTTCCTCG
TGCTAACCCTCGACCTACCGGCAGCCCCTCTGTTCCAAGACGCCCTCGAGAAGAACATCA
TCCCACAGGTCCCTCTTGTCAATATCCTTTCAAAATACAACGGCGTGACTCCACAAGAAA
AGTCAAAGAACCGCGTTCGCTACCGCCTCCTACACCCCTTACCTCCTTACCTCCTCTTCA
ACATCAAGCGCTTCTCCAAGAACAAATTCGTCTCGGAACGGAATCCAACCATCGTCACGT
TTCCCGTACACTCTCTTGACATGTCACCGTACGTCGAGCCGAGTCAAGACTATCCTCCCG
GCGAGCCTATCTGGTATGATCTTGTAGCCAACATCACTCACGAGGCGGTCAAGAAAAAGG
ATGATAGTGTTGAAGGTGAGCAGGAAAGCAAGGTTTGGAGAGTGCAGGTCAAGGATCGAG
CGAGAGAGGAGTGGTACGGCATTCAAGATCTGTATGTCGAGAAAGAGAGGGCTGAGACGT
TGTTTACCAAGGAAGCATATCTCATGGTTTGGGAGAGGAGAAAGGGGCAGAAATCAAAGG
GGCGGTAGGCAGAGGAAGTGGTGACTGTCTTGTACGAATATTTTAGGGAGCATAGTTGGA
ATATCGTCTTGTCGAGGAATCAATACAATGACTCCCTGCGCCTGGATTTAGTATCGCAGA
TGAAGGATGTCAGCCCCCAGTCATTCGTAGCACTCCTCACATAGAATATTGCTACTCCAG
ATTTGACCCGACCACATCATTTTCGGACTGCCTTGAAGCTTAAAATCCAGCCAAAATCTA
CCCGACAGAACCAATAGGCTAGCCGGATTGACTTTTTCATGAGATGTGTGCTGTTGTCAA
GCATCATTTATCATAGCAGAACCGCTCTCATACCACGTTTCTAAATTCAACAAGATGGGA
GAAAGAGGGGAAGTCAAAATCTACCTTTAGGCCGTTTATATTCATCTCTATATACGCACA
TATGCCGTTTCGCACTTGCCATCCCCACCTGTTCCCGAGTATCTCATGCAACCAAACAAA
AACAAAAACGAAAGGGGTGAAAGAACAACTCTCACCACATGATTCCCTTCCAGTCGAACT
GGCCGTCGATGTTCCTCCACTTGCCCTCCTGTACAGCACTTCCCCACCCCATCATAACAG
CCAGCAACCTACAACTCGTACTACTAACTGTGCAAACCACCGTATCCGCCTTGCTCAACA
CACTCAAGTCAAGCAGATATGCGCGCCCAACAAGCTCCCTCAGCTTCATTGCACTCTCAG
GAACAGCAGAATTTTCCTCATTGACCTTCTTCATGTCCTCGGCGTTGCCAACAGGTTGTC
CCAAAGAAAAGAAGACGTCGCGATAGAAGCCGCCTTCCCACCCCGTAATCTCGTCGATCC
ACGTGTTCTTCTTCGGCTGGGATTGCGCGGCTTCGAGAGCGGCTTTTGTGGCGAGGACAA
TGCGGTCTTGGGCACGAACACTGTTAGGGCCTAGTTCGGGGGAGTCGTAGACGAGGGGGT
CGTCAGAGGCGAGTATCATTTTCGAGGTTGTATGGCGGGGGGTGAGGGAGTCGGTAGAGA
AGGAAGAGAATGGAGAAGAGAGTAGATTGCGTTTGGCCATTTTCTTCTTTAGTCCGCCTT
CGACAAGATCGATGTAGAGATCGCGGGCGGTGTCGACGTAGCGGGCTAGCGGGATGTAGT
CCTTTTGGTACTGGTATTCCATGGGGTGCTTGTCGCCGTGGCGGACGTGCATGGCGATGC
TGAGGCCGCCTTCGCTCTTAACTTCACCGTACATTTCCAGCGCTCGTTGGAGGACGTAGC
TTTCGTCGTCTGAGCGAAGTTTAAAGAGAGCCTCATAGCCTGTTCGGGCGAGGTTGAAGA
TTTTCGATTGGCGTTGCACACCCATTTTTGTTGGATCCTCCCACTCGTCGGTAAAGGCAT
GTCCAAAGGTGGATTTCAACGTCGCTCCGCTGACGACGATGTGTCGGGCAGTGTGAGGAC
AGGGGACGATGTGAGATGGGGGAGGAGGGAGACAGTTTGCGGAAGGGGGAGGCTGGAAGT
AAGAGGAGTACTTGCCATACGGCCTGGCGGTAGTGTCAGTGTCAATCATCCGGTAGTCAG
AAATGTAGATACATACCAACGAGTGTCATCAACGAAAAAGGCGCGCTTCTCGGCTTTTGC
CAAACCATACGACATCCACAAACGCATCAGCGTGTTGCCAAAACCTGCATCCTCCGTTTC
CATGACATATGTCAAAGTCCTGTCACAGACCTTGAGTCCTTCCGTAGAGATACCATCCCG
GATAGCCTCGTCCTCTACGAAGCTTTTGGGTCTTCCAGCAGCCTTAGATGGTGGCAACAG
TCCTTGTTGTTCCGCTTCCTGGACATCAATGTAATATTGGTCTTGTTGATAGTAGTTCAA
CATTCTCTTCGCAAAGCCAGCCGAAGCCTTCGCTTCCTGTCTGATTTCTTTCGAGACTTC
CATAGATTGATGGCAGATATCACGGTACTGCGCCGGACGAAGCGGGAATTCATAGTCGGA
TGGTATGGATACAGTCCACCTCATCTTTCCCTTTGCGTCCTGCAGCGCAAGGGCGACAGG
TTCATGCGGCAACTGACTGCCACCAACCATCTCCCATTCTTCTTCGTTGCCATCCTCATA
AGTTGCCGCTCCTTGCGAGTTGGCGTATATCTGCCTCAGCACAATCCATAGTAGGAATGC

TACACCGCAGCAGCCTATCAGTATTCGCTTCACCAACTTTGAATGACTCGGCTGTGTAGT
CTTCTTTCCATGCTTTGGCAGCAGACTAGGAAGGCTCGGACTCGGTGGTGGGGATCTCGC
AAGTAGGCCACGTCTCGAGGGGACCGTGGGAGAGAGGAAAGCACTAGAGGTAGCAGACTG
GGGTGGCGGGCTCAGTTGTGAATAGTGCGCTGTCGACTGTATAGACAGGTTCGGATTCCG
TCTAACATGCATCTTGGAAAGCTTCTTCGCAGCCTGGTTTAGCATGTCGAATGCGAGACA
CCCGGTAGACTGATGTGATGGGCGTGCGCGTCGTCACCGCTCGTGGAAAGAGGGAGAATG
TAGGGTACGGCCAAGTCGAACGGCTTTCTGCAGTGCACAGTGCTACAGTGATGACGAAGC
TGTAATGCCGATATATGCAAGTAGGTAAACGTCACCTCTGACCCTGCAGAGAACGCTCCA
ACAAGCAAGTAAAGATGTGATAGTAGTCAAAGGAGGGGACGTAGGCACCGCCTATCAAAC
AAGCAAAACAAGTAGAAGAAAAATAAAGTACAAGAATGTATAACTCAATCCCCTCGTTCG
CTCAAGATACGAATCAAAGGAAGAAGGAGTAGAAGGACGTTCAAGAAGCCATTCGAAAGG
GCGGGCAAACCTAAGGCGTGTCTTGAAGAGAAGGCCCCTCCTGGTGCACGACGAGTTTCA
CAACCAGAAACAATCCGATGTCCGAGCAGGATCCCGCCGTAAAATGATCTCCATCAAGGA
GCGCCCGAGAGTCCCTTGCACAGCGGATAAAGCCAGTAAGCGGCCCAAGGGTATAGAAGC
GACGACTCGAGAAGCGCTGCGGAGACCAAGATAGGATCAAAGGTAAGATTGCAGAGATCG
CACTTGCTTGATCCAGGAAGGTTACAGCGAGAATGCGGAAGGCGCAGGAGGGGACCTCAT
TTTGCCGCATGTGCGCGGGCCAGGGCGTCGTTGTTTCAGAATGCCCCTCTAGTGCAACGT
TGTTGACGCACTGGTGCTTAGTCGACTGATCGCGCTCCGGCGCTAAACGCCTTTGATGCT
AGAGTTGAGCAGCCAAAACCACATGACAGTGACACCACACCAATGGTGGCTTGGGATCTT
TGCAAAGGTAGGCTGATTTGTCTGCTGCAAGTTTAGGGTAAAGGGCATGTAGTCAGATGT
ATATGCACACGTATTAAAGGAAGTTTGCTATTTGAGAATGTCATGCTGGACATGCAGTAA
GACGGCAGCTGGCAATCAACTTTAAGATCCCGAGGCACGGCAAGTAGGCTCTGCTGTGCC
GTACACCACGTACTATAAACAACTTCGGAGTATCTATAAATTGCTAGCATGTTGACTCCC
TGGAATCCTACGAGAGGCGACTATGTAAAAAGTACCTAGGTTAGATAGCAGCTGTATGGT
CTCCTTCAGGATCCCGAGGCACGACAAGTTTGTGCCCCACACCACGTACTATGAACAAAC
CTCGGAGTACATATCTGCAAATTGCTAGCGTGTTGGCGTCTCAAAATCCTGCGGATGACG
GTGCTCACAATTAGTAAGGTAGCGCTTATCGTATTGCGTATAGACCTCGAGACGTTGTGC
AACTAAGTTGTCTACACATCAATACGGCTTGTTAAAATCACATCACACAAAAACACACAA
TCTCGTCGAGAACAAGGTGTGAAAGCCTTCATTTATAGCTCCCACATTGTATTCATTAGC
GCAACAAGAACACAATTCAACGACAAGCTATGTAAAAGATGGGGTGGGGGGTTTGGGTAT
CAGATCGAAAGTCCCTCGGTCGGCACAGGGGAAGAAGACGAAGAGAATAGAAAACAAGAA
GAAAAAAGTAGTAGTGTTACAAAATCCCCTTCCACCAGGAGGGCTCGCCATATCGCAAAT
GTGAATTAAACAAGCAGCAGCAGTAGCAGCAGCCAGAAAGCCGCCCCCCTTGGATATAAC
CCATGTGCGTAACATAAAAATCCCATGCACGGCTATTTGCGCCGAATTTTCCTACCAGTC
CATGTGCCTGGTGGCTCAAATCATTACTCCGTTTCCCCGATTAAACGCCTGTCGCTAATG
TCTTGTCCCTTTGTGAATGAACATGTTGTTTGCTGGATGGGATTGGGAAAAGTGCAAGTA
CGATGCCACACCCGCGCGCCGCTCGTTGCTGACGTTCTCGCCTCATCCTCATTACTGTAC
TTCGTTTCATACCCGGCTGAACTGGTTCGTTTGTTCGTCCAAGCAAGAATTCGTACCTGA
CTCTCACCATCTTCTGCGTTGGGTAAGATCATGGTCCTTCGGTGACTGGTCTGAGACTGC
TTCGCCTGGCAGTCTTTTCAACGCGACCAGTAATCATCTCGTCTAGCATACGCGTCATCT
CCTCGATATTCTTGGTAGAGCCGTTGGTAACTGGAGGGGGTAGGAAGGGCGTCTTTACAC
TGAGTGCAGGCGACGTTGGACCTTTCGGTAAACTAATCCCGCTACCATCACTGCCGCTGC
GCTGATAACCCGAGGTGCGCCGGCTGCCTGGTGACTCGCTGCCCATCTCATGTGCAGTGT
CGTTCTTCTTGCGAGCTGATGTGAGGGCGCCGATCATACGCTCCTTATCCTCAAGCTGTG
CGCGCAGGTTGACTATCTCGTTGTCTCTCTCGGCAAGAGCTGCGATCATACCACCCTCCT
CACTATTTGTGAGCTTGTGTGACAATGACATGGAGACACGAGAATGGCTCGATCGCCGAG
CGTGCAACAGGCGCTTTTCAAGGGTAGCGATGTAACGGTTCTTATCCGCAAGATCAGCCT
GTAGTGCTTGGATCTGCACCGTCTGACTTGCACTACCATCTCCATTCTCCCCAACCGAGT
CGTCTTCCTCAGAGCCGTCCATGTGGAGGTGTGGTGTGCTTTGTCTTTTACCGGGAACCT
CGAGGGTCGCATGGCTAGCAGAAGAGCGAATAGAGCTTGGGCGCATGTCGTGGTGGTTGG
TGCTCATGATGGAGCCGCGCTGGAAGCTCATTGAAGAGAATGATCGGCCATTGTTGACAC
CGATAGACTTGGAGCTCAAAATCAGCCTGTTAAGATGCTCGATCCGCTCCTTTAGGGCTG
TTCGGGCTAGTTGCATCTCAAGCATCTGCTCTTCATGCCGCTGCTTGTCTTCCAGTTCGC
GCGCCTTTTCTTCCTCCTTGTCTCTTTTCAGCTCGTCATCTTCTTCTTCCTTGGGTTCTT
TGTTTTTGCCTTCAGCGAGCTGCTTCTTGAGTTCTTCAATTTCCAGGCGGTAGCGATCTA
GAAGCGCTCGACTTCCTGCGTCCCCACCAGCACCCATAGATTCGTCGGCCTTCTTGGCGT
GGCTGACAATATTGTTTTTGGCTCTGGAGGCGAATTTGAGAGTATTCAGCGTCTCACCTG
TGTGACTATTGACAGCAGCAGGACTCCCACTGGCTCCGATCTGGATTGTACAGAGAATGC
TGACCAGCGAGTTACCGGAGAGGGCAGGTTGAAGAAGTCGGGTCAGTTTGCTGTCTCGGT
ATGGCAAATGTTTGTCGCCCTTGCCCTTGTCCTTCTCAGACTTGTCTTTATCGGAAGCCA
ATCGGCCAATGACTGTACCCAAAGTAAGCAAACTCTTGTTGATATGGGAACCCTCAGTCC
GCCTTTCTTTGTTATCAGCCGCCTTTTCAGAACCAGCCAAATCGATTAAACTGAGCGTCG
AGACACGGACACCACCAGGGACAATGGCTGACCGTTTGTCGCCATTTATTGCTGGGCCGG
GAGCGCGCTCTCTACTCTCAACGACAATCTGGACCACGGCGTGACTTCGGGAACTGCGCG
CGTTGAACTGGGTACCCGCCACCTTTCTTGAGTTGTCACCTCGTGCAATAACCCTCAGGA
GTTGCGTCGGACTCTGCACGATTTCCTCCTTTAGTGGCGACGCATAGACACCACGTTTGC
TGTCCTCGCGTAGCTTGATCTCTTCAACGGGCCCGGTCTGGCCGTTCATGCCTACAACGG
GTCCCGCTAGCAGATCGATAATCTTCTCATTGTAGATTTCAATGTAACTGACTCTCAGAA

GAAACTCTCGCTGAGGCGTCTCACGAATGTAAGAGAAGATATCGGTGATGGCAAGTGGTA
TGACACCAGGATTTGTTGCAGTTCCTTGCATAGAAAACGTCTTGCCGGTTCCAGTCATTC
CGTAGGCGAAGACGGTGCCGTGGTAGCCCTCCATGACCCTCCGGACAAGTCGCTTGGCTG
CAGCATCGTATACGCGGGCGTTGTTGTCTTGGGTATCGAATACGTTGTCTATGTCAGACC
AAATTAGCTCCAGCTCAGTCACCCTCCACTTCGTTATGCAACCATACCATATATGTAGTC
TCCGCCCTCTTTGCCTTTGTAGGCTATCAGTGCGCGCTTGTTGTTAACCTCCCACTCCAA
GTCGTGTTTGTTGTCTTTGGCCCCAGCATCAGGCCGTACCCGAACGCTGACAATGACATT
GCCTTTGCCGTCCTTGTGTACCTTGCCATCTGCGCGTCCATCTTCCCCTTCCTCGAATGT
GGTTGCGCTGGTTGCGTACGATCCCTGGGGTGAAGAGTTGCGACTCTGCGGTGGTGAGGG
GAGACTGAGGTGGGCTGTCTCTACTGTGACGGAATCTGCGCTTCCATTGAGTAGACTGGG
GGGTGATAGGGGTGATTTCGGTAGTAAACCTCGCGCTCCTCCAATATTAGAGCTTCGCGG
CTTCTTAAGGCTGTTATTCCTGGAAGGCGTTTGACCCTTGGATATTGACGACACTCTCCG
ATCGACCATGTCTCCTCCAGGCGTCGAACTCGTCGACAGCGGACTGGTTGGATTCGATCG
CCCACCATGTCTGGGTGGTTGTGGAAAGGAACCGATGCTGACTGTCTTGCGCAGCGATTT
TCCAACGGGCAGCGATCCGGCGGCACCAGCCTCGGGTGGGAATGACGGCACGGACGGCGA
TGTGAGGTGCTTGGAAGTTGGCCTGTAGGGTAGCGACGACGAAGACACAGCGCGTGTATT
GGCGGCGCCTGGGAGCAACGAGGCTCGCGTCGTCGGACCGACATTGGAGCTTCTTTGCTT
GGGGACGGGCAGCGAGGGCAAGGGACCGGTGGGAGGAGCAATCGACGGCCGCGAGGGGCG
AGGCAGCGAGTTGGCCGACATGGTGATGGGGGTGGCGCGTATGTTCGAGTGCTACTGCAG
GCTGGAAGGGTGCTGGCGCTGCAGTGTTTGGCCCGATTGCCTTTGTTTTTCCAGGTGGCC
TATGCCACAGTGCACATGTCCGGCGTGGCCCTCCAGTAGTCGTGACCGGAATTCGAACAG
GCCGGGGAAGCAGTCTGAGCTGGCTGTGTATTGCGGGGAGGGGAGAGAGGCAGGCTTGGT
TGGGTGTGCGTCAGTCTCAGACAGACAGGCAGGGACCTGGATGCGGGAAGCAAGCGCGAA
TGTAATGCAGCGGAGACGGGTAGGTGCAGTGGATACTGCCGTTTGACGCAAGAGGCTGGA
GCGCGCTCTGGCAAACGTCGAGGGCGTCGAGGGCGGAAGCGAGGGTGAAGATGCGATACA
ACAGCACTCGGCGTGTCTGAGTAAGAGGTCGGCAGCAATGTGCTGGCGTGGTGGGGAAAA
AGGAGCGGTGATGGGATGGATGGTAGGATGGTGGCCGCCGAAAAGCCCAAGCGTGGATAT
CCCCTGGGACTCGGTGCATGTGCAGGGGCCCGACAAAGGAACGACCGACGAAAACTCCGT
GCAAAGCAAAGAACGAGTGGGAGGCGGCAAATCGCTCTCGACGGCTGCGCTGTGGGGACG
GCTGAAGAAATCAGACACAAGACCCTCTCCCGACCCTGGGAAAGGGTGGAAAAGGGGTTC
AGTCGTCAACTCTTGGTGGGTTCAACTTGTTCCCCCCATGTTGCCTCTACGCACCAAAGA
CGTTAGCCCTCCGCCAGCCTCAGTCCAAGCGTACATATCCGCACCCACAGCTGCTATCTG
CAGACCCTTGCCCGGCTCTGTTCGCGTAGCATTCCGGCTATATACCATTGTCCTATGGCA
CCAGTCCTCCGACCACCTTTGCCTAACCCTCTGCGCGCTATCTGGCCTTGCACCGCGCGC
CGTGCACACTGCTGCTCTATCTGAATCTCACGGTTTTTCTGGTAGCGACGTTTCTGTAGT
GACGACTTGCGTCAACGGTATTTGTAAAGCCCCAGAGGCGATCCCTGCTGATCCGCCCCT
GCACAGGCAATCATGCCGACCATCCTTCGCTTCTCTGCCCCTGCGACATGCCATTGCTCT
ACTACAGAACCATTCGCAATCTCCGTGTCACAAAGCCTTTGTTGACCAAACCTCGACGTC
GCATCTCGCTCCCCCAATCAGTTGTGCTAGTTGCGTTGCATAGCGCCAGCCTCGTGAGAC
GAACGCGTTGGCGCTGGCGGGAGGAGCGCCACATTGCACGTGCTGCCGCGTTTGCCTTCC
GAGTCACCATCATGTCTTGCAAACGTCTGCCGGCAATCTTCCTCTGTGCGCATGCCCCAA
CAAACATGATCGATCCGCTCAAACGTCTATCCACTTGACTCGAGACCAAGTATGCCCCAT
AGCGGCGGTGACCAATAAAAAGCCAACCCGTTGGAATCGTGGGGACGCTGCTGTGCACTG
CTTACTGCTTCTTCTTCTTCGGAGCATTCTCCATGCCGGCAGTCGAGTCTAGTTGCTCGT
GAAACGCACAAAGGTGCCACCCTACGGCCATTGCATCGGGTGTTACCGAACATGTAGACT
TCAGGAATGTCCCGCCTGAGTGGTAAGTCCAAGTGCAATGCAAGAGCATGTCACTGGTGC
TGACGCTGTATACGAAGCGAGCGACTCGCCTATAGCGTACCCCATCCGAAGACACTCTGT
CCAAACTTTGTAATGGCCTGATATTGCATTCCCCACAAACTGAGATCGATAGCCAACTCC
AGTGCCCCGCAGAGCGCTACGCGTGAGAGCTGGGTGCCAATGTTCCGCCAGCTCATATCG
CCATGGAGCTCTAGTGGATTCACAATGCGATGCGACCCCGCGTATTCGCCTTGGCTGACT
AGATGGTGTGAAGCAATCATTCGCAAAGTAACCATCCTAAACGGAAGCATGGCAAGACCG
ACAAGCTGAGCTCTCACCATTGCACTGATCATCTGCGCAGGCTCACACGAGAGTTGGGAT
ACGCGGTGGTATACATGGCCGTCTATTGAGCGTGCTCGGTCCCGCGGCTCCACAGCTGCA
TCATCTCGCGAGGAACCCGAGGCTTCTGCAACACGAGTATGAGTGGAAAGTATCCTAGGT
GGTAGGCGGACTTCCATCTCTACGATACCTTCCCTTGAAGTAATGCGTATTCGAGGATCG
TTCTCGTTTTGCTCGGATTCTGTTGGTGATCCCGGTGGAGTTGTGGATCGTATCAAATCT
TGGAACGCATCTATTGGAATTGTGATTACATCTGCGTCGAGCGGCTCTGTGACAGGCTGA
TCTTGGGACTGGAGCACGGGAAGATGCAGCGGGGTAGCGTTGATCACTTGAGTACCACCG
ACTTCTATTGTCTGGCCATTGTTTGAAGCAGCCGTGGTTGCAAGCTCGATGGTCCGCTTC
TGTTGTGTGTTTGGAGAGGAACTTGGAAGAGCCCAGCCGAGCATTGCAAGTAGCCTGTGA
ATGGCATTGCGAATAAGGGTTGGTGACTCCCGCCGCAACCCGAGCACAGTCAAAGCACGG
TCTTTTCCGTTGGCGTCTCGGCTGGGTATGTCGGGCTTGTCAGGGCGGACGACGGCTGTC
TCGACTGCTTCGTAGACACAGGCATAAATCCAGCGTTCAATGGCATGTTCAGCACATAAA
AGGACAAGGGGTGAAGTCAGCACTGCTCCAATACAGTCCGTGATGGAACTGGACGCATTG
TATCGCACAGAAAATGGTAGCAGAGGCGATGAGCTTGAAAAGGGAATGAGACATGTCCAG
TTTGGCAATAGTGGGCGAGCGGGCACCAGGCCAAGGCGCTGCAAAGCAGCGTGGTAAAAG
AAGGGGTAGCACAGAACCTCGAGGCCCAGACGAAGACTAACGGGGTTAACGAGAAGTAGA
AAGGCGAACGTGGGACCTACCTAGACTTGATGGCTTTCTTGGCTCGTCGGAAGAAGTGGC

GGGTCTTTGGGCTGGCACGTGTCGCATACAGCACACGTTCGACGGGCTGATAGACAAAAG
TGCTGTACACGATGGCTTGGATGTTCATGGTCGCAAAGACGCGAGAGAAGAAGCCAGCAT
AGACAATGGAAGTGCCAGAGAGGGCACGCTCCGAGGCTGCGATGTGGCTGAAGGCAAGGG
CATGGGGATAGCGAAATGTCAGGATCCTCTCCCTGATTGAGCCTATCCACCATGTGCAAA
GGTTCTCGGTAAGGGTAGTCGCCAGCGCAATGGCGTTTCCAACCGTATCCTCGGCTTCGA
GCAGCTCGAGACGCTCTACGCTGGACCCTGGAAAGGCGTCGGCGGGAGAGTGTCTGCGCT
CGACGACGCCGACAGACGCGAGCACATCGTTTTGGGCGCCTCTGAGTTTCTTGCCATACT
GGTGGGAGCGGGGGTTGATGGGGTTGCCGCGCTCGTCGTAGAGCTGGACGTAGTTGTTGG
CCGTGGCCTCGTGGTAACGCCGTGGAATCTCGGACTGCGACGATTCGAGCTGGACGTATT
CGGTCGACTGCGAGGCGGATTGGGTGGGCTCAAAGGCAGACCGTCCCTAGCAAGCGTGTC
AGACATGTCCTCGAGCATTGCGCTGGCTGGCGGCGTGTGTACGAAAGCGATCTTGTCCAG
GTAGGCTTGCCGGCCCATGGTGGTGCTGACAAAATTCAACTTTGATCAGGTGCACGCAGT
AGAACAAGGTGACTGCATCTTGAACAATGCAATATAGGCGCATGCTCCAGAAGCCGAGTT
GGCGGCCGGGGGGAGACGCGCCGGCGCCAAACGTCAGCGCGCGTGGCTTGCGACTGCCGT
TATCGATAAACTTTTTTCCTCGAGCACTTTGCGACACTTCCCTCACCTCTCTCGGCAGAG
ACGCGACGCTACCAAGTCCACAATCCACCATGTCGGCCCAAAGAGCTGCCGTCAAGACGA
CGTACGAGGTCGCTCGCACCCTGCAGCCAATCTACTCGGGAGGCAGCTTGGCCCTCAGCG
AAGACGGGCGCATTCTGGCCGCGAGCTTGGGCGAGGATGTCCTTCTTTCCGACCTCACCA
ACGGCCAGGAGCTGGCCAGGGTCGAGGGAGACGGCGAGGCAATCACGGCCCTGGCCCTGA
CCCCGTCCGCATCTCATCTCGTAGTGTGCTCGCGCTCCCTCTCCATGCGCCTCTTCGCCC
TCAGGCCCTCTGACACCGACGACCAAGTCATCGAGCTCGACCTTCTCCGAACACTACGCC
CACACACGTCTCCTGTCGTCACGCTAGCCACAGATCGCACGGGCACACTGATAGCCACCG
GCGGCGCCGACGGCGTGGTCAAGATCTGGGACATTGTCGGTGGCTACACAACACACACTT
TCCACGGCCATGGTGGAGTCGTCTCGGCCCTGCACTTCTTCGAGGTAGAGGTAGCCGAGC
GTGACGACGCCTCGGAAAACAACAAAAAGAGAAAGAGAAAGTCGCGGCAGGAAGGCGCCG
AGTCGGATCAAGCTCAGGGCGAGACTCAGATACAGTTTCGGTTGGCCTCTGGTGCCGAAG
ACGGCAAAATACGGATATGGGATCTTCACAAGAGAAAGAGCACTGCTGTCCTCGACTCGC
ACGTCTCCGTCGTTCGCTCGTTACAGTACTCGCCGCAAGAGAAGGTCCTTCTGTCTGGCA
GCAGAGACAAGACATTGATTGTCTGGGACTCACACAAGTGGAAGGCGCAACGCACCATTG
CTACTCTAGAGGGCATCGAGAGCGCAGGCTTCATCGCAGACGGCAAGATCCTGTACTCTG
GTGGAGAGAACGGCCGACTACGACTCTGGTCAGCCTCCAGTGGAAGAGAGCTCACCCGAG
AGCAAGAGCCTGGATCCGAGACGGATGAGATTGTCAACATCCTCTACTATCCTTCATTGC
CCTACTTGATCTCGGTGCACGCTGACCAAGTGCTCAACTTCTACTCCCTCAAAACAGCAG
AGTCACTCGTCGTAGAAGAGACCATCGACCCGCTGCCCATCTTCCGCCGCGTTTCCGGAA
CCCACGACGAGGTCATTGACATCGCCTACGTTGGCCGAGACAAGTCCCTATTGGCACTCA
ACACCAACTCAGAGGATATTCGGATAATCACACTCAACGAATCCGACGCAGAAGACGCGA
CCCAAGGCAAATACTTTGGTGCCGATGTCGGACTGCTAAAGGGACACGAAGACATTGTCA
TCTGCCTAGATGTAGATTGGTCAGGCCACTGGCTTGTCACAGGTGCCAAAGACAACACAG
CACGGTTATGGCGTCTCGACCCCGCTAACGAATCGTATACCTGTGCTGCAGTCCTCACAG
GTCATGCCGAGTCGCTTGGAGCGATTGCACTGCCGCACACCATACCCCAGGAATCCTCAG
CCGCTTTCACAGACCCTTTGTCACACCCACCTGCGTATATTGTGACCGGCTCTCAAGATA
GGACAGTTAAGCGTTGGGATACCACCAAAGAGATGAAGGGTAAACTGCGAGCCAAGTACA
CCCGCAAAGCACACGACAAAGACATCAATGCCATCGACATCGACCCCTCTGGAAGTCTTT
TTGCGTCCGCATCGCAGGATCGTACGGTCAAGATCTACTCCGCAGCAGAAGGAGAGGCTA
TTGGTGTCCTCCGAGGTCACAAACGTGGTGTGTGGTCAGTCAAATTCGCACCCAAAGACT
CGCAAGCGCCAAACTCAGGAAACAAGGGCTTGATCGCAACAGGCAGCGGAGATAAGACGG
TCAAGATCTGGAGTCTAGCAGACTACAGCTGTTTACTAACTTTAGAAGGCCACTCAAACA
GTGTACTGAAGCTGTCGTGGCTGCCCTATCGACCCGTCGACGCACGAGACAAGCGTGGCC
CACAAATAGCTTCTGCAGCTGGTGACGGACTGGTCAAGATCTGGGATACAGTGTCCGGTG
AGGCCATGTCCACACTTGACAACCACACTGATCGTGTCTGGGCACTTGTCGCACACCCCA
CAACGGGCGCCTTGGTGTCTGGTGGTGGAGATAGTGTCATCACGTTTTGGGAAGATACGA
CGAGCACCACGCTGGAAGCTGCCACAACAGCGGAAACAGAACGCGTCGAACTTGATCAAA
AACTACAAAACTACACCTACGCCGGCAACTATCGCGAAGCTATCGTCCTTGCACTCCAGA
TGGACCAGCCCGCCCGTCTCTTCTCCCTCTTTAAATCTGTGGTGGAAACCGAGAACCCAG
ATACAGACAGTCTCTCAGGTCTCATCACCGTAGACGAAGTCCTCGGTTCCTTAGCAGACG
AACAGCTGTACAAACTGCTCATCCGCCTCCGCGACTGGAATACCAACGTGCGTACTGCAC
CCATCGCTCAGAAGATTCTGTGGACTATTGTTAAGTCATATCCCGCTTCTCGACTAGCTA
GTCTGAGGCCGCAGGGCAAGGTTGGCGCAAAGGGCAGTCTGAAAGATGTGATGGATGCCA
TCAAGGTGTACTCTGAGAGGCACTACAAGCGAGTAGAGGAATTGGTTGATGAGAGTTACT
TATTGGACTTTACTCTCAAGGAAATGGACGAGGTTGCGGGTGAAGTCAAGGCTATTACGA
ACGGCACTTCGCAGCTGGGTCTTCAAAGGGATATCGTCATGGTTGATTAGGAGTAATATG
TTCAAGGCAGCTAGCCTGGCACCAAGATTCCGGCGAGTAGCTGGGTTATTGTAGGTTCGA
TATGAATACCATATTTGACAATTTCAGGATTTTCCTTCTCTAATGTGGTACTTGTCTGCC
TGCGTCAAGGATAGACGCCGGCCGATTGTGCCTCGGTTAATCCGATCGGCTATGAGATCA
CCGGCCTCGTCTCCTCACCAACCACCTACATAGAGCAAGGTGCCAGGAACAAAGGCACCC
CCGGTCTCATCTCCACTCCAGATCAGTAATCCCCTTTTGACTTCTGCAATAATCCAACCA
GCCATGGCTCAGCCGAAGATTACCCTTTACGTTGACATTGTCAGCCCGTTTGCTTACATT
GCTTTCTACATCTTGAAAGTAAGTTGCTTTACCATGTGTCCTACGTAAATCCAGATTTTT

GTGCTAGAATCATGCACTACAGTACTAACAAGAGCATTCCGAGTAGAACTCAAAGGTTTT
TAAGCAGGTTGAGGTGACGTATGTGCCTATTCTGCTTGGGGGGTTGATGAAGGTCTGCGA
GAATACACCACCATTGAGGATAAAAAGTATGTCGGATCTCCCCTTCTCTTGAAAGAGCAG
CTTAGCTTGGCCACAGTAAGGGGGAAGCGCAACACGAAAGAAAAAGATACAACAAACGGC
TCACCTGGTGGACCATCATCGGAGTCACCGTCATTGCAACTGCTTATCTTACCATCTAAC
ACACCCAATCAGACAAGGACAAATGGATAAACACAGAGCGTCAGCGCCTATCCACTCACT
TTAACGTCCCCATCTCGCAAGATACTCCACCTGGCTTCCCCATCAACACACTGCCTATCC
AACGCGCCCTAGTTTCCCTCTCTCTGTCGCATCCCCAAGCCCTTGAACAAGCCATCGCCC
TGTTTTACGAAAACTTCTGGGCAAAATGGAATGATCCAATCAAGCCGGAGAACCTGCTTG
CTATTCTCGCAGTTGCCTTGGGTAGTGAGGAGGAGGCAAGCAAGGTGCTAGAGAGGACCA
AGACGGAGGAGGTGAAGAAGGTGCTAGGTGGGAATACGACCAAGGCGTTTGAGGATGGGG
CTTTTGGCCTGCCTTGGTTTGTTGCTACGAATGAAAAGGGGGAGACTGAGGGATTTTGGG
GCGTTGATCATATGGGGCTGATGTGTGATCATTTGGGAATCAAGAGGCCGGAAAGTAGGG
AATGGCGCTCGTTGTTGTAGAGTAAGACGTTCTCTGGGCGGACATGTGAATGGATACTGT
TCAATCCCGCGCCTTTTACGACGGCTTCTGATGGACCACAGCGGCCGACTCCTTTTTTTA
CTGCTAACGATGAAGCGATGCCCTTAATGGCCACGACGCTAGCCTTGAAGGACATAAGAA
GGATTTCGGTGTTTCTAGTGACGAGGCCTTTCCCTCCTTTCACTTTGTGTATCTGGGTTT
GAGACCTGCGAGCGTTAGCGCATAGCAAGGGTATGAACCACTGAGCTCGGAATCTCCAGA
CCACCACTCGGTTGCGTCAAGTATTATCATGCGACAGCAAGATCTAGGCGGGTCTTGACT
GCATTATCGCGAACGGAACTGTCATCTTGCGCAATACCTGACTGTAAGTTGGCGGCCCGT
GAGCGCACTACCATTAACGTTTTATTCTATAATCGTTATTCATTCTTCCTGATATCAGAA
AGCACAGATACTTTCTCGGGAGCTTTTCTAGAGCACTCGCGAAGCTACTTCGCCAGCTAA
ATTCACTGCCTTCAACTCTTCTCAATGGTCTTTACCACCCACATTCATTTTCTCAACCAC
CTCTCCAATTCTCTTTCAAGATGGATTACTATCGACGGAACGAACTTCCCGAGACAGTCA
AGCGTTACAAAACGTATACCGAACAGTTTCAGGCATGGCTGCTCAAGACGGGAATTCAGC
GCGGCGTGGAACTCGCAAATATAGTCGCAGACCAGGCTAAGAAGAAAAAGAGCAAAAAGG
GCTACAGAATACCACTACAAGAGCAGGAGCAACTCGTCAACGCCATCACTGCTACAAGCG
TTCCACTTGCCGACACCTCCGGTATCAACGACCTCGAAGATGCCATCCGCTCCAGGAGAG
AGGTGACGCAATACCACAAACACAACAACACGGCGGATTTGGGTCACGAATACTTCAGCG
GGAGCCTAGAGACGCTCATGGCGTCGTTGAAAGTTCTCGTTCCTGGAATGAACAAAGCTC
GAAATCGCAAGAATGACACGCCCACATTCGTGTTCATTCAGCTTCCCACTGGTCCCAAGA
CAAGCCAAGATGAACAAGACGACTTGCTTAAGAAAATGCGGGAACAGGACCAATGCGACA
TCGAGAGTGATGGTCAGCAGCAACAAACTCCGACATCCAGGACGAAGAAGAAGGCACCAA
TATCAGAGACAAATCCGCTGACTGCAGAGGAAGAGCAGCTGCGCCGCGAATTCCTTATAC
TCTGCTTTCTCTACACTTTCAACCGCATACGAGATGTCCTCTACGAGATTTGGGTGCTCT
ACCACAAGGGCCTTGTCAATGCGATCACAGCAGCGTTGGTATCAGACCTGGCTCAGGACC
AAATGAACCAAAATGTCAAGTCACTCGTGGAAGAGCTTGATCTGCTACCTGGAGAATTGG
CCATACTCATCCACCAACTTTTCAACAAAACCAAAGCTGCTCTTGAGACTGGGGCGCAAA
ATTCTGCGACACTACCTGCTGAAAAGGTATTGCGCCACCTGTTCGGTCTGGATGCTGCTG
CTTTGATCAAAACCTACATTACGAAGACATACCCAACAGAGGATAGTGCTGACGAAGATA
TACGAGAGCATCCTCTCATGCTCTTCTTGAAGTTCTTCGACGTCATTCGCAAGGGCGGTC
TCAAACTTCCTAAGTGGGATCACTTTACTGAAGAGATGTTATTGCACCAGAGTACATCAC
AGGACTACCTGCCGTTCGGCTTGGCCATTGTCCTTGACATCCAGGAAGCTGTACGTGAGG
ACTACCGTCGGATGTTACGCGACCTTACCGAGCACGGTTTGGATATCGCTAGATGTATCC
GTTATCATGTCGATTACGAGGATCGCATGTGGGCCAAGGGCACAAAGCCAGATTACATGT
GCAAAGAAGAGATTAAATTTAGCACCATCCTTCTCAATCCTCTAGACAGGCTGTTGGAGT
GGCTACAAGAGCTTTTGAACTCTCAAGAAAAGCCAATGACTGCTAGCATCTTCATCACTG
TCCACTCGACGCTCGCAGGACTCTCTATGTGGCACTTTAACTCTATCTATCATCATACTG
CGATTGCTAAGATACAATGGTTCATTCATGGTATGGCCCATCTATACAACGCCGCCTGCC
AGATGGGTGGTCTGGAGATTCTATGGTCAGACCTGGACTACCTGATCATGATATATGGGG
CCAAGGTTATGTTCCGGGGTGATCCACCTACTCACCCTAACGACTTCCTCAACCGCTATC
TCCTCTCGGGCAACACTAGCAGTCGCGTTATGGCTTCAGACTTCCGTCACACGTCCGAAT
TTCTACCTCAAGTCTCGAGAGAACTTGGTGCCAAGCGTGGTTTGCAACCCGAATTGTCTT
TGGAAGCCAAAATCTGCGACTACTACGATTCAGATGCGGACAACGATCGTTGGCTGAGGC
GTCACGCAGTCTTTAACTACCTCTATCGACAAAGCGAGGATACCGACAAGACACCAGATG
ATGACTGTCAGGAAGCTACTCAAGATAGGAAGGGCCTACGAGATACATTCGCGAACCTAG
CGGCCAATATCGCGCCTCCAAAGCCAAGGCGAAAAGGAAAGAGCAAATCCAGGGTACACA
GACCCGACTTCGACAAGCAAGATGAGACCCACGCCAAACTCTTCGGTACAATGAAATCAG
AACTACGAGAGAACGAGGTGCACAGTAATTTCGACTTCCTTTCCTTTTACCGCCGCGCTT
ACGACCTCGTTCTGCGTATCCGTAAGGAAGTGCTGATGAGTGATCAAGTCCAGCGCTTCC
GCGCCGAAGACATGAATGCTGATCCAGATCCCCCTAACTTTCAACTGATAACTGATCTCT
TCCGCGCGCTTCAAATCGATCCAAAAACTAAGAAAGGAGAGGAAGCGGAAGCTGAGGAAG
GTGCTGGGTATCAGCTGTCTACCAAGGTCGTGCCGTTGAAACAGATTCGACGTGTCGCGG
AGATGATCCAGGATTTAACTCGTAGTGAAGGTGATGTGGAGTTGAAGCGCGCGAAGTTGC
GGGTCAAGGGAGATTGGGAGGGTCTCAAGGCTTCGTATGCTGCTGAAGAGGCGGGCAGGG
ACACATCTACCGTCGACGACACCGTCGCTCAAGTTGAGAAGGTGGTGCTCAAAACTGCTG
ACGACAATGTCGATTCCAGTACTACTCTGCGTAATGACGACGGCGATCATCGAGTCAAGC
ACAAGTTTGAGGCAGATGGAGACTCAGTAGATGATCCACAGTATACGCCTGGCAACCAGC

TCACAGGAACAGACCATTCAAATAACAATCTGGGAGGCATGTTAAACAAGCCGGCAACTA
CAGCAATTATAGATGTCATCGGAACTCAGAACGGTAGGGTTTCATTACACAAGGAAAACG
GAAAGAAAGGCGTCAAGCGCAAGCACAAAGCAGATGAAGACACCGAGAACGGCCCAGCCT
ATACTCCTAGCCTATGCGAGCAGATCAGCGATCCTGTATATGGCACCATCTCTCAATACG
CCCTCGCCCTCTCCCTCTATGCTGGCAAATTAAGGCAAGGCCAACCTTCAAACGACCCAA
CCCAACAGATCATCAGTACCACAGACTCAACTTCTCTGGCAATACCCTCACCTAACGACC
AACGTAACAACCAACTCAACGTCGCAGAACCCACGGTTCGCTCACCACTTGCCATCAAGC
GCAAAATCATGACAAGAAGAACATACCATTACAAAACCTACTCTAGTACCACACCCCGGA
AATCCCACACGACCGCATTCCATCCTTGCCGTACGTCCAAGAAGACCAAAATAGTAGCTC
TATCCCAGCCGCGCAGAGGCTACTATCGTCGTCTCACCAGCACTACTAATAAACGCCATG
TCGCTTTTCGCTGCTTCGCTCGATGCAGTATGGCTCGGGCGCTGTGTGGCCAACAGACTC
GCGTACAGAGGCAGATGGCGATTGCTATTGCGGAACTGAAGAAGAGAGCTAGATGGGATT
CGGCAGAGTTGAAGAAGGTGTGGTTGAGCATTAGGGACGGGAAGTTGGGCAGGGTTTGGG
ATACTGATAGTAATGCCAGTTCGGACTAAAGGTGGTGAGGGGTAGTAGATAGGGGATGAT
GAATTGAAGAGCCCAAGCTCAGGTTGGTAAGGAGTGGCAGCGTTGAGGTAGCACGACATT
GCGATCAGGTCCAGTGACGACGCCACAGTAATGATACAACACTTCATGAAAAATCATCTA
GAATTATACATACTGACATGCATTGGACCGACTCCCGATCCCACCTCGCACCTTCCTATT
CCTCCCGTCCAGCTCACATCCATCACCCCATACTCAAACCTCGAACATCTTTGTAGTACT
GACATTAATCCGACTCCACGCCTGCCCCCTTCTCAACGCCTCCAAGAACTTCGCCGGCCA
ATAAACATGATACAAGACGAAGAAAGGTACTGGATCCTCAAACAAATACGTCCCATCCTT
CCACCCCACAACATGACTCCAAAATGTCGCTAGATCATTGAACGCACTCTGCAGCGTTGT
CGCACCGAATAAGAGATCGAGAAGTGGCAGGATGACAAAAGATACAAGGTCATGTCCGAT
CCAGTAATAACTGTACGTTGGGGTGCGAGGAAAAACAGGGCCAGGCTTGTTTTTGGAGGT
CAAGGGGTTAGGACTGTTGAAGATGGAAAGATATGCTTCCGCCATTTCAGGCGTCTGCTC
AAAGAGCACGACAGCCGTATGAGCACGGGGGTTAGATTCAATAGGGTAGAACTTCGCAGC
CGCACCTTTGTCGTCGTTCTCGACTAGAAAGTCAAAACTCAGATGACCTGTAAAGGTTTC
GCCACCGTCTTTGCACACACGCTCGGTGAATTCGAGCATCTTTTTGCTGAGGGGGGAGGA
GGCTGATAGCGGTTCGTAGTGCATGAGGAGTTCTAGGCTGGGGCAGCTAGTGAAGGCCTT
TACTTTGCCGCGGATGACGAGTGCATGTGTGCAGTATTCGTTTCCCTTGATGAATTGTTG
GAGTTGGAATGGGTTTTCCTTGCTAATATTGAGAGAGTGAATGTATTGCGCTGTTGCATC
CGGTGTCTTGAAGGGGAGGAGGGTCATCATGTTGTTTCGCGCCTTGTCGTCCACTCCGAT
GGGTTTCATGATGAATTGTCGCCTGGGTGCTGTTCTTCCAGATTTTGTCGGGGTTCTGTG
AAGCTCTCCCATGAGCACATCGAGAGCTTCCCCTGGGTGGGTGCAGCGGTGCGATTCCGG
GATTGGCAGACCGAGCGATTCGATATAGTCGATGAATTTGTCCTTCTCGTGGAACTTTTC
GACCACATCTTCCCGGAACTGGACGGCTTCAAACTTGCGGCCTTGTTCTTTCGCCTGCTT
TTCTGCTAAGCGGACGACTTGACCGTCTTCTACGGCTGCGACGACGCTGGAGCAGCTGAT
CCATAAGTCGACCTTCTCGCGCTGGATGATGGAGAGGATGGAATCAATATATGGCTCCGC
ATCGTCGCCACTTGGTGTGTCCAGACGGTAGTATTTTGCAATAGCGTTAGAGAAGCGACC
TGGTGATAAAGCAGAGATGTCGGCGCCGATGATGCGATGTGGTGTATGCTGAGACAAATT
GCGCGCAATAGTAAGGCCCTTGGTCATCGACACTCCTGTGACAAGAATAGTTTTCCGTCT
CCGTGCCGCTGCAACATGCTGCTTATCCTCCTTGGAAAACGTTGCATTGCGCTGTCCATG
GAGTTTCGACACTGCAAGACCGACCAACATCAGCGCTGCCGAGAGAGGCGCGCAGACAGC
GCTCAGAGCCAGTAGAAGCACATTCTTCCACACATGGCTATAGTAAAATGGCAACACCAC
CGAATCCTTCTTTCCTTCCGCCATTGCCATTGTCTTTTCCTTGTTGCTGCTTGATGAAAA
TGAGCAGCTCGTGACCTCGGCACTTGTTCTCGCGCAGTCTTCACCGTTTAGAAGTTTCCC
AACACACCACCAACGGCGCTACCTTATCAAAAGTAAGACCGAGGAACGACTTAATTGCCC
CTGCAAAAAAGGTGCAGGCTGCACTGCAATGCAAACTGCAAGTAAGTAGAATTTAGCGGG
CAGTAAACAGACGGCTCGTAGTCACGCAACCCGTTCTTGCATAGGCGAGGTGATTGATGT
GCGTGCGGCTGCGTTCGCCCAGACAAAGTTGTTGGCCTTGGAGTGCTGGCTCTGCACGAC
TAGTCTCGACGTCATCGTTACTTCACTCATGTACGACATTGCGGAACACTAGGAACTCCA
CGATCCTGTTTACGATCTGTATATAGTAGATCCTGATTTTGGGACAATGATCTGGCCGCG
ATCGGCAGATGGATGTTGAGGGGCTTGTACCGCGGATGCAGGGTGCGTGGGGTTCATGTT
TGTTTATTCGAATGCAACGTGTCATGCTATTTTCTCGACATCCCGCACAATATGTGCAAT
ACGGTTTCGCAAAGATGGATCGACAATTGCTTTCAAATGTAGATTCAATTGTTTATTGCA
TTGATTTGTGCTGTCATTGAAGCCTTGACGGTAGCTATCCTGCTGGTCTGTGGTCGGGTA
CCATGCCCATGTCTGAGTCGTTCAGGACCCACCAGCGCTGAAACTTGCGATTCATAGAGA
TTATTACGCGTATCCGACTATTGATGATGCTTCCATCTAACCAACGCATCGTGTAATCTC
GATACCATCCTGTGCTAGTCAGTAAATGCTTGCAAAGCGTCGTCTGTGTTTGAACTCACA
GGTACACCAGTCGGCTCAAAGCTGTTTACCAGCTTGCTCTCATACTTGAGATTTGGGTTG
CCCTTGCTCTCGCTGAACTTGGCCTTGCCATATCGCTTCTCGTACATCTTGACATTCGTC
TCGGCAATGCCGCTGAGGTTTGTCTGCCCACCCTCTCCTGCTTCCTTGACCTTCTCCTCA
ACGCTCGACCTGACATACTTCAAGTATGGCGGGTTTCCGGGCTTGATGACATTGTCCGCT
GCCAGCACGGAGCCCTTGGTGATCAGGCCAAGTTCCTCGCAAAGCTTCAGATCTGTGGTG
TAGGCTGGCTTGTAGTGGTCCAGGAACATGAGATCGACGTGTTTGAGTTGGCCTGATGCG
GCCAGTCGTGCGATACCCTCGTCGCTTGAGCCTATGACTACTTTGACAAGGTCGGTGAGG
CCTGCAAGATCGACCAAGGACATGATGACAGCCGCGAAAGCGGGGTCACGCTCAAAGCTG
AAGTATCGCTCACCACCTGCTTTGCGTACTGCATCTGCGAAGAGAATGCAGGAGTAGCCT
ACATAGCCGCCGAGTTCTACCTGTGGGGTGTTAGAAACGTAGAATCGAGTTCGACAAGTC

TCGTACCATGGTATTTGGCTTTACTTCCGCAATTAAATCTGTTACGATACGGCCCTTGTC
CTCTCCGACGTTCATGAGATACTTCTTCGTGCGGCCATATTCGTCAATGGCAGCCAGAAC
GTTTTCTGGCGATCCTCGTATCTTCTCGATGTTGGGGTGCGAGTAGACAAAGTGCAGGAG
CTCAATTTCTCGCCCATCGTCGAAGAAGGCACCCTCTTCCTCTTGCGCTGCATAGGCTTT
GCTTTGATCGAAACTACCCATTGTTGCTGTTGTTCAATGGCAGTATGAAATTGTGCGGGC
AGCCGTGAGCTCGACGCGTCCAAGCTGCTAGAGAGTGCCCCTCAACGCGTGTGGTTTAGT
GCGGGGCTGTGGTCAGTAATGACGAAATACATGCAGGAACGTGTACGACGAGTAGCGCTT
GGTTCGGTCGACCGTTTTAGCACGGATCCCGCTTCCGTGGAGTCGTTCTAGATGTCACTC
CTTATGTTAGCACATTAGCAATTGACTTTCTGCAAATTGCTTTTTCTACAAAACCTCTTT
ACTGAGGGTGGGATGCCAATGTGTGTCAGACGCCATATCCTGCCTGTTCGGTGCCACATC
CCCGTGTACGCGTCAAGGCATCCTTGGCACAGGTTGAGGCGAGTTCATACTATACCATGT
GGATACGCGACGCTCATGTGGGTCGGATCATTGGTGCATATACGGTTCTGTATAGTGTTG
ACGTTGAGTTGGATGTGGCTGTCGTCAACGATCTAGAGCTTTCTGCATCCGCTAGCCGAC
TATGGAGCCACAAAGACCTGCCATGACAACGTACGCTTACCTCTACCAGGCAATATACCT
CAACGATCCTGGCTCCGCCAAACTCTATCTACCCGAAGCGGGAACTAGGATCGAAAAGAT
CCCCTCGAACGTCACATTTTTTTTCCAGCTTGTCCCTGAACTGAGGGGTAAGAAAAGTGCC
GTTGTATGGCTACCGGTACTGCACTATCAGCCCTGCGCGCATCGCAGCACATCTTTCGAC
TAGCTGGCAAATGAAAACTCTCCAACATATGCCACAGAACGTCAGCAATCGAATGATGGG
AATCCTGAAGTGGAGATGAGGTGATTTCGATGATTGCCCCGCAGTTTTATGTAGTGTATC
TCATCCTCTCCACAACGGGAGAGACTCCGTTGTTGGCACTAAATGGATTCGCGGCTTGTG
CTACGCCGATTGCGTCCTTGGCCGAAGGAAAAATAGGATAGTTCTGCTTTGTCCAAGCCC
GCAAAAACCCATGTTGCATGAGTAAAGTGCATATCCCATGTGCCGGAACCGGGTTTTACC
GCTGGGAGGGCGCTGTTGTTGAAGTCATTTCATCATGGCTGGCCAGTAGGAGCCTAGTTT
CGCTCGAAGTGAAGTGGTACCAAGTCCAAACAACAAGGGATCCACGAGTGGCCGCATCAT
GAACGAGAATAATGCGTATGGTTGACGTTTGTCTGGAGCGTTGCTGGCGTGCGAGAGCCA
ATGGAGGCGGAGCGTGTACCGCGAGCTATATGAGTAGTCCCAAACGACATCGGTCTGTCG
ACATTTATATAGGACGGTCGTGCCCGTACTTGACCCCGCAGAACTCAACGTATCTCATTT
ACACCTTTCAAACTCTTTTCACCATGTCAGACCTCAAAGCTTCCGTTGTCGAGACCAAGA
ACGGCTTCCATGTCGAGGGATACGAGAAGATCGAATATGACTTCACCTTCCTTGACGGCG
TCTTCAACCCTGCCAACAACAACCTAGCCAAGTGCTATGAGCGTTGGGGCCGTTGCTTGG
CCGTCATGGACTTGAACATCTACAACGTCTATGGCGATGAGATGCAAAAGTACTTCGACC
ACTACAACCTACCCTTGACGATTCACAAGACCATGATCGGCGAGAAGGCCAAGTCCATGG
AGACTCTTCTCAGCATCGTTGACTCGATGACCGACTTTGGTATCATCCGCAAGGAGCCTG
TACTTGTTGTCGTATGTTATCCAGTCTGATGATGGTGTTGAAGGATGCTAATATATCACA
GGGCGGTGGTTTGGTGACTGATGTTGCTGGGTAAAAAATAGCTCTAAGGCACTCTGGCCT
GACTGCGTTGTTAGAATGGAGTTAACTCGTGACCTTAGATTTGCTTGCGCCGCCTACCGA
AGGAATACCAACTTCATCCGTATTCCCACCACTGTCATTGGCCTGATTGATGCTAGTGTC
AGCATCAAGGTCGCCGTCAACTACGGCAACTACAAGAACCGTCTCGGAGCGTACCACGCC
CCAATGCACACATTCCTCGATTTCTCGTTCTTGAAGACCCTACCGGAGGGTCAAGTACGA
AACGGCTTTGCAGAGTTGATCAAGATCTCAACCTGCGCCCACAAGCCCACATTCGACTTG
CTGGACAAGTACTGTGAGAAGCTAATCACTTCTCGATTCGGTCGTGAGGGTGATGACAAG
GAGGTCCTCCAAGCAGCGGATGAGATCAACCGTGCTGGTATCCACGAGATGTTGAAACTC
GAGACACCTAACCTTCACGAGATCGGTCTCGACCGTGTCATTGCCTATGGCCACACCTGG
AGTCCGCTCCACGAGGTAAGGTTACCACACCTTGCGAATGTTGACTTTGCTAACTCATCC
ATAGCTATCGCCCAAGGTCCCACTTCGCCACGGCCATGCCATCTCTATCGACATGGCATA
CTCGGCAACATTGGCGAACCAGCGCGGTCTCCTCAGTGATGAGGAGCACAGGAGACTGTT
GAACCTGTTCTCGAGGGCTGGTTTGTCCATGGACCACGAGCTGTTCGACGAGGACATGCT
TGACAAGGCCACCAAGGCTATCCTGAAGACCCGTGATGGTCTGCTCCGTGCTGCCGTGCC
TAACCCCATTGGTACCTGCGTATTCCTGAACGATGTCTCCGCCGAGGAGATGAACAAGGC
TCTGCGACGACACAAGGAGCTGATGAAGGAGTACCCTCGCGAGGGTGCCGGTCTTGACGC
GTTCGTCGATGCATCCGACACTGGATACACCATGAACGACAAGCCTATCGAGGACTCCAT
GCACGAGTCAAAGAAGACCATGAACGGTATGACCAACGGCGCTGTCAACGGTACCGCCAA
GGGTCAGGCCAACGGTCCTCCCCAGGGCCTCCAGGAGGTCATGGCTAACGGGTATGAGAA
CGGATATAAGAACTAGAAAGTGACATAGCTGCGAATAAGTCCGACTAGGCAAGCACATGT
CAGATGTTAGCGATGATTTGAACGTAAAAGTTCTTCTTTCAAGCGGCGATGCTGTCTCCC
GTCATGGAGTGATAGATTGCGACATGCTTTATGCTCATCAGCTTCTCCGAAATGAAAAAA
ACATTTACTCAACACATTGTACTCTATAGCTCCCTGCATCGTGAATCATGTGATGATGGT
TGGCTGTGTGTGGAAGTTTGCGGTGAATGCCTCGGTACTGCATCGAGCAGAGAGGACAAG
CCTGCCATGCAACTGCTCAGTGTGCGTCCGCCGCTGCGCACTATCGCCGTCTGCAGTATT
GTTGCTGCGTTATCAGGGTGCCGGTGTCGTTCTTCCGTCCCCTCGCCGTTGCCCTCAGTC
CTACCGCTGCTTGAATGTGCCCGTGCCCGCCACGCCAAAAACCCTTCTGCCCGTGCACTG
GCTTGGCGGCCCCCACTTGTTGGTATAAAAACTCTGCGTCCCTCGTCCTCCTTTCTGGCT
CTTTGATCAAAAAATACAAACGAACCCAGCCACGACTATCAGAACATCTTTGTCTTTTAG
TTGCCAGTCACTACGGTGGCGTGGGGTCGGAGAGCGATACTCCTGTAGGAAGCTGCTTTC
TCGTTGGGTCGTCTTCAGTGATGGCGATGAGTCTGCGGTGTCGATTTATTGGGAGGACAT
ATATTTGTCTTGTGCACACTTTGACTTGAGTGAGGGGCGCGCAAGCCTGTCGCATAAGTG
TGCTATGTTGCTTCGGGCTAGTCCCTGTGCAAAGTGCTTGAGAGTATCTCACGGCAGTCT
CGCTATCGATTGCATTCGGATCTGAATAGGGCGGTGTTAGTTATAGGCCTCTATTCAGAC

CTTGACAATGCGAACTTGCGAAGAGAATTGAGCCATGTTCAAAAGGAAGTAACAAGTATC
TGCACGCCGGCCACTGTAGTTCCACGAGAAACATGATCTAGTCATTAATGTCATTTGACT
ATTTGTTCTCGTTATCTATCATGCTCAAGTGTCATAATCGTAATGGCACCCATGTCTTTT
GCATAAATCATCCGGCGGAATGCTCTAGCTTTCGTCAATCCATAGCCTTCTATGGAATCG
CAACCTTTACATCGTCCTCGTACTCCACATCTTTGATGCCATCCTTCGTTATGACCTTGA
CCAGCACGCCCTTGAAATCGATCGGAAGACGTCGCTTGAGCTCCTCGGTGCACATGCGCA
TGATCTTCATGCCTTGTTCGTAGTCGATATCGGGATGGTGGTGCTTGTCGAGCAGGGAGA
GACAGTAGTATCTGTAAGTGGTGTTAGCATAAGATGCTTAGAATTGGGACCATGCAGAGG
AGCAGGGAGTGCTTCAGCAAAGACAGCAAGAGAGGAAACATACTGTGCGTATCCGTGTGC
AGCATATGGCAGCGGTGCTTGACTCGCCAAGTAGTCGATCCAGTACAGTGTCGGCTTGTC
GGCAATGGTATCGTATCCGCCCAACAGCAGATTGACCGTGTAGGGTTTTCTTGACCGTAG
CGCTGACGCCAGTTCTCCTCGGACGAAGTTGGCTGTTGCGGCAGGGGAAAGCTCCATGTT
GTTGCGCATGGAGTATAATTGTACGTTTGCCTGGATGTACTCGGCGAATTGGACTGCATC
GTTGTTAGCTACCGCCAAGTTATCGTAGCTTCTTCTTGCGCCATACCAGTGTCACCAGCC
TCTCCAGAAAAAGCCATCAAGGTATGTGTGTTGAGTACTCGCGTCTTGTCGTCGGATGCC
TTGAGGATGGTGGCGCCACGCATGGCGGCTTTGGAGGCGGCGATGAGGGTGAAATCCTTG
CCGGTGATTCCTAGTAGGACCTCCCTGTACAGTGGTTAGTACTGGAGCAGGAGACGTCAA
GGCGACTTACATTGTGATGAACTTGAAGTGGTGACGGTAAGTGTGTTGGAGGGCGACTTT
CGTCGGGCTTGGAGAGTCTGGTGGGAGGGCGTATGAGCAGGCAGGTGACACGAGTCTTGT
CCTACGAGCGAGTTGACGTAGTGGCGAGGACGGTATTGGTGTGGTTATACGGTGATGTTG
AAGCCTCACGCGAAGGCAGCTCCCAGCGTCGCGGCCGCCGTATACATGAAGCTTGGGCCA
GCTCGGGCTTGGCAGAACTGGACTTGAATGTGAACAGACACGCCTGGAGTCGTGAACAAG
AAGAGCTGTGTCCACTCAGACCTGTGCAATACCTCACAGCTTTGGCTCCATTCGGTTCGT
GAACCATGTTCAATCAACTATTCGTCATTGACGACGATGTTTCATACCAGAACAGCCTGA
GATGCGCGTCGCCTCTACTGCTAGCCCGCACCAACATGTACAAAGTACTTCACAATGCTG
CTGTGCCCTCTACCGACCTGAACAGTCTTTTTTTTCTTTCTGTTGCGACGACCTGCCGTA
ATTCTTGGAAGCCCAAGGCAGATGTGCAATCTTCGCATGATACAAGAGATGGATGAATAG
CCGTGATGATGCTCACAGGATACTCACGGTACCTTGCGAACCTGCAACATTGGCTACAGC
TGCATGCAACAAACCAAACAGGTCAACGTTGTGTTGGGCTGGTTCTGCATCTACTCGAAT
CCTTCACCGGTGCCCATGAGAGCTACTGTTTCGCCTGGCTTGGCTGCGAAGACGTTGTAT
CGCACTTGTCTGACATTCCTTGGTATTTCCTCAAGGAGCGCTCTGAAGTTTTGAATCCCG
CAGGAGAAGCTACCTTGGACGACGATCTCCCGTTCACAACGGACAGGGCCAAGGACTGCA
TGTATCACCGACATGTATCAATTGTATCCCACAGACCCCCAAACCAGCTTGCGCGTCGTC
CCACTCGATGCTTTTGCGATAATGTTAATGCACACTTTTACAAAGAGGCCGTGGGTGGCT
ACCAATGAGGCGACGGCGTCATAGCGGGGCTGAATTCTGCTGAGCAACCCCTCCAAAACC
TTGCTGGACTCTTAAGCTCTGGAACACCCCACCCAAACAAAACAACACCGACACTTGATC
TTACACATACAACTAGTAAGTCGAATTTTCTGCTCGGCATCCTATCCGCGGCCGGACATT
GCTGCCCGCGCATCCGGTCGCCTTCTATATCTCCCGCCTTACACTTTGCGGCTCCCCAAC
TCTCCAATTGACTCTCTCAACAGCAATCCTTCACCATGACCATCACCAAGATCCACGCCC
GCTCCGTCTACGACTCTCGGGTACGTTTGCAGACATGTGTGCTTGTCAAGCTTCGTTGCT
AACATCTCCAGGGTAACCCGACTGTCGAGGTTGACATTGTCACCGAGACCGGCCTTCACC
GCGCCATCGTCCCCTCCGGTGCCTCCACTGGCTCCCACGAGGCTTGCGAACTCCGCGATG
GAGACAAGTCCAAGTGGGGTGGTAAGGGTGTCACCAAGGCTGTCGCCAACGTCAACGACA
CCATTGCCCCTGCTCTCATCAAGGAGAAGCTCGACGTCAAGGACCAGTCCGCCGTAGACG
CGTTCCTCAACAAGCTCGATGGCACCACAAACAAGACCAACCTGGGCGCCAACGCCATCC
TCGGTGTCTCAATGGCCATTGCAAAGGCTGCTGCCGCCGAGAAGGGTGTACCTCTCTACG
CACACATCTCCGACTTGGCTGGCACCAAGAAGCCCTACGTTCTCCCTGTACCTTGTAGGT
GAACCGAAGTTGACAAGTAGAGGAATTTTACTGACTATGCAGTCCAAAATGTCCTCAACG
GTGGCTCGCACGCTGGTGGCCGTCTTGCTTTCCAAGAGTTCATGATCGTTCCTTGGTAGG
TCATCTTTCCGCATACAGTTTTAGCCCATACTGACGACCTCCAGTGAGGCCCCTACCTTC
TCCGAGGCCATGCGCCAGGGAGCCGAAGTCTACCAGAAGCTCAAGGCCCTTGCCAAGAAG
ACCTACGGACAGTCCGCTGGAAACGTCGGTGACGAGGGTGGTGTTGCCCCTGACATCCAG
ACCGCCGAGGAGGCCCTTGACCTCATCACCAAGGCCATTGAGGAGGCCGGCTACACTGGC
AAGATCAAGATCGCCATGGATGTCGCATCAAGCGAATTCTACAAGGCCGACGAGAAGAAG
TACGATCTTGACTTCAAGAACCCCGACAGCGACAAGAGCAAGTGGCTCACATACGAACAA
CTCGCCGAGATGTACAAGTCCCTGGCCGAGAAGTACCCCATTGTCAGCATCGAGGACCCC
TTCGCTGAGGATGACTGGGAGGCTTGGTCTTACTTCTTCAAGACCTACGACGGCCAGATC
GTTGGTGATGACTTGACCGTCACCAACCCCGAGTTCATCAAGAAGGCCATTGAGCTCAAG
TCTTGCAATGCTCTCCTCCTCAAGGTCAACCAGATCGGTACCATCACTGAGGCCATCCAG
GCTGCCAAGGACGCTTTCGGCGCTGGCTGGGGTGTCATGGTTTCTCACCGCTCTGGCGAG
ACTGAGGATGTCACCATTGCCGACATTGTCGTCGGACTGCGATCCGGCCAGATCAAGACT
GGTGCACCTGCCCGATCTGAGCGTCTCGCTAAGCTCAACCAGATCCTCCGTATCGAGGAG
GAGCTTGGTGACAACGCCGTCTACGCCGGTAACAACTTCAGGACCGCCGTTAACTTGTAA
GCGTTTCTTTTGCAGGGTCCGGTAGTGTTAGCGTTGTGAGGAAATGCGACGAATAATGAG
TTAAGAGCAAAGGAAATATGTATACAAAATGCAACGATATATCCTACACCATGATTTTTT
ATTTCGCATCGAACACTGAAGCGACTATTGCTCTGCTTGCCATCAAGTTTAACTTGAGCA
TAGCCTCAAGAAACACAATGCTGCAACAATCCCTGGAGCATTTTCGCACGAGGTAACTGC
GCTTCCAGCGTTGGACTGTCGAGAAACTCAGATGTCAGCAGATCAGGTCAACTGCTATAG

TCGTCGCAATTCTCCAACACAGTAGCCTCTTTGCTTCAAGCTGCCAGAGCTGGTATAGAC
GCAGCCTCACATGTCGAACCAATCCAAGCTACTCTCAGCAAGCCCGGCGGTATAAAAATG
CCAACTTCTGCACACTTCCCAAACATCAACACGAAAAAGCCTTCTGGGGCAGTAAACATA
GATCTTCTGTGCCAGTCTGTAGTTCTGAACTCCTAGTAGTAGATTCCATAGCATATGAGG
ATATGTCGTGGCTTGCAGCATCGGTAGAGGTCTGGAGGCATATTACTACATGTGCAGTCG
ACAACTTGGAGGATGAATGTGCTCATCTGGACGATCATCTCCAAATAGAATGGTATGGTA
GAAACATGTCCTTGCATTACTGCTGCCTGGTCCATTCTTCGATGACAATCTAGATCAAGT
TCACCACTCACAGAGCCATTGCAAAGAGTCTCAGACCTTACCCAGTTTGTTCATGTTACT
TCTATCACTCATGCCCTCAGCTACTCCCATCTTTCTAGCCCCATCATCCCCGGTCGCCCA
ACAACTTCACATTCCGCCCTGTCCTCACACATAGGCCCAATACCGTTCCGGCTACTATAC
GCACAGCAGATCCAATCCCCACCACAGTAGTTTGGGACCCAGTAACCCGTTGCATTGCAG
TATCGGAAGCGGTCGCCGAAATGGTGGCATTGGGCTACACCAGGGAGGCACATGGGGTCA
ATTTGCCAGAGCGCTGTTGTGGTAGTAGCGGGGAAGGCGGCAACTGTGGTGCTGGCTGTT
CTAGGGGAGGGGAACGTAGCCCAAGAGGATGTTTCGATGGTGGTGTTGGTGGCCATCGTC
GTTGTTGCTGTTGTTGTTGATAGTGCTGAAATAGTACAAGCGGACTTTGCGATGGCAGAG
GCGATGGCGGTGGAGGGTATTAGGAGTATGATGATGAAGGTGGTGAAGGAGAATTGCGGG
GCTGCGAGTGATGGATGCATAATATTTTTTGGGGGGGAAGTAGGAGAGCATGGAGAGTTC
GAGTCGCGTATCAAGTAGGGCGATGGTAGCGTTGAATGTGTTTGAGATGTACTTACCTGT
TCACTTGTTTGACTTGGTAGAATGTGATAGCTGTTGTGTTTGTCATACGTACTCATACCG
ATGCTGATGTTGTGATCAAATGATATCACATCTTGAGCGAGATGTCGACGTATACGTACG
CTGGAACGACTTACTTGTGTTACCTTGTTCCACGTATCAAAAGGATACAGCCCTATCAAG
CCTTGCAATGCTCATATATTGGGTGATTAGAAGCTACCGTCAAAGACATTTTGTAGCATT
GCATTTCCAGTTTGTTGAGTGAGTGTAAAGACTTCGGTATTGTCACACAGGATCGTCTGT
GCACCCTACGAATGATTTGATATGATCTGTCCTACAGACAATGTGATTGAATGTGACTGT
CTACTTCTTGATGAGACCGACCTTATCCCGACATCCACCGATTCTGTACAATATGCTTTA
GTATGTACTTCGACACCCAGAGTAGGCGGAGGCAAGCTCGTCGAGTCTATCGATGTTTAA
CTTTGCGACACGCCGACTTTTCGATGCTCTGTGCATGGTGTAAGGAACACTCTCACGAAG
CAGCCGAGCAGGTATTCGGTCAAATCTCGGTGCTTATAGTAGTAGTGATTCGTGCCGCAA
AAGACGTCGTGCTCTAACCTTGAGACGGTCCGGAACTCGGCACGTTCGCGGCCCGGACTG
TGCAAGCCATCAATAGACCAAGTAGACACGATGGTATATAGTGGGATAGAGATGTTCTGG
ACTCTCCGTGGCTTCACGACAGCCACATTCGAAGTTCATGACGCGGTGCAACAGTGAGAG
GCGCAAGGGGTGTGCAGGAGCTACCCAAAGTCTGTCAAAGTCTAGGCGTGTCATCATTGC
CGTCTAGCTTTGGTCGGCCGAATAAAGTGCACTGTCGCCCTGAGCTTACCGTGCCTGCTT
TGTGTCTTGGGCGGAGTGGCAGGGGACATCTTGCTCTGGAGCGGACCGCAGCCGTTTAAG
ATGTTGCGGCTCATGCGGTGTCGTTGACTGCAAAAACGATTCATTATTTGTGGGCATGAA
GATTGCAATACCGTCTGGACTGCGCGTTCTCAATTAACTAATGTCAGCTGTCGATACAAG
CGTATCATGTAGAGCACGGTCGTGAAGCCCTTGGTATCGACGAGACAGACCAGGCGCCCG
ATATGGGTAGGTCCAGACCGTTGCCAAGAGTTTTGAGCAATGGGCCTGATGAATTAACAT
CGAACATGGGTGTCCATGTCGTCATGATAGCAGAGCGGATCTCCATTGTACTATGTATGT
ATTGTGAAGCCTCTTGCGTAGTTGCTCAACATGGAGAGCCTGGTGGTGATACCAGGCTTG
CAGTAAAGGCGTGTAGCGGAAAAACCTTGGGGCGATGGTCTAGACATCTAGACGGCTCCG
CGGGTAGAGCTTCTAGCGCGGCATGTCAGATGTGTACCATGGTTCATGTGCTTTTGGACT
CGCGAGATATGACAAACCAAGATATCATAGTGTCGCTCATTCGGTGTCAACGCGCGTTGG
CAGAGGCGTGATTGGCAAGCGCGTTGCTTTGACCCAATGAGTGGGTCGTGGATGTATGCA
AGATCTTGAGGAGTGACTGTAAAAATTCGACGATGTTCGCCTCACGATCTAGATGCTACG
GCTGCCCGGCCGTGAGCTCGAAGAGTACCTCTCCACTCTCAAAGCAGTTGCGGTGAGAAC
CAAGACGCCGACATGTGCTGGAAAGGTCCTAGCAACGTGATGGAGCGGGTACTGGCAGCT
TTCATGTTTTGTGGCTGCTCCTTCTGCAGTGGTCCGGTGCAGCTAGCGCCGGAAAATTGG
GCAGCCGCACGCCAGGCGTCGAACATGTCGACAGCTCTCCTCAGATGTCAGCTTGGTAGC
GGCAAGTATTCATAGGCACGCACAGGTGATGTCGGTCAAGACAAAAGGGAAAACAAAAGG
AAGAAGAGGTGCATCAAGCTGACATGGCCAGCGCCCCTGCAGCGAGACAGCTAGAGAGGT
CGATCGGCACACGGTGCACATCATTACTCGCATGGGAGCACGCCGTTCACGATGCCTTGT
CGATCATGTTCTGATTAGTTGGCCAATGCTTGGTGCGACAGGTTCCCAAACAGGAGCACA
CCCACGGGGCCGGAAAAGTCGACGACGTTGTTGCTGTAAGAAGACACCATGTAACGTTAC
TCTGGACTCAGGCCTCTTGAGGGCCTTTGGACGTTGGCGGAAGTTAAGCCAGCAGACTAC
GCGTGTGAATTTGAATACGGGACAGCGGAGGGACGGCGGGTGATTCGTCAGACCAGGCTG
GATTATGGCTAGCGCGGGGAATAAGAGTAGCAAAAGACCGAGCATGCAGCCTGAGGCCTG
GACTTGTAAAGATGACACATTAATGTTTGCTCGAGGGCCGAATGCGCAGGTGGGCTGCAG
AGGGACGGCGTCGCAGAGTGAAGCGGAAGCTGCGTCAACGGTGTCCAAAAAGAGGGCACT
CTCAGGACAGGCGACTGGTCGAGAGGGTGTCGAAGCTTGCAGCGCGAGGGCAGCGATGGA
AGACGGAAGCACGAGCAGACAGCAGAACAAAGAGCGCTAGGTTCTGTTTCGGCCGATCGT
CGATCTGGTGTCGTGTAAGACGAGGCGCTAAGCCCGGTGTATCGTTGACCCTCTACCAGC
ACTGTGCGACGGCAGTGCGGCTTCATGGGGAAGCTACATGGACGCAGCAAACGGGCGCGG
TAAGATGCGTAGGCGGAGCTGGAGCCGCTGACGTCAAGCAGGAGGAAGGGCCGCGAGCTG
CGAGTGCGGCTGTGTCGAGGCGCGGATGCTGTGTACATGTTAGGCAGTTAGCAGTGGTTA
GCAGTTGTTGGGCAGTCGGCGGTAGCTTTTGGCCGCCACAATAAAGCATATGCTCTGGAT
GGGCAAAAAAGCAAGACGAGGGCGAAAAGCGTAATTGGCATGTTCGCATTATCCGGATTG
GAGCGCTGGGCGGGCGGACAGTAATCGTCATGGCGTAGGGCCAGGCGTCAAGGTCGGCGG

TGACTGCAGACTGTGTGCGGGCGAGGTTTGCATAGGGGCCGAAGCGGAAGGGGCTACTGG
GGTAGCGCTGGAAATCGTGCAGGAGCGACCGGGAGCCGAGTGCGTCTAGACTGTTCCAGC
AGGCGCGACCCACTGTGTGTGCTGACCGAAGCCACCCAGGGTCCCTCGACGCTCAGCATC
AATGTGCCGCCATCCATCACGACGACCGTGGGAGGGGAGCGGCATGGCAGGCGGACGGGC
AGCACGACGAGCCTCAACTCGAAACGTAGACACGAGTTGGGGCCCACGGTGGTTTTGACC
GCGTGCAGGCAAACAGCAGCGCAGCCGACTGTCACTACCACCCAACGGGGGCGGGCCTGG
AGGGTGCAAGGACGCGCAAAGCCATGGCTCCGGGTCAGGTTCTAGATCGTCCACCAGCCC
TCTTATGTGCGACTCTAGCAAAAGACCAACCATATCGCTGACTGCCCGCCGTGCCTGCCA
TTTCTCGCCTTCCTTCTCTCTGTCCCGCACATCACGCATTCCTCGCCCTCCCACACACCG
TTACTAATCCGCTTCCGCATGCATTTCCGACTTCCTTCGTAGCCCTCTGCATATCGTTGT
CCAACTTCGCACTTCGTCTGACCAACACCCCTGTGCCCATCCTGGACGCCCGTGCCGATT
GCCCGCATGGGATTCTGAAAGATGGAGGGACTTACTACCATCCCACCTGATATAATCGAG
CGCCAGTCGCTCTGCTTCTCTCGCCCAGAGCCAGGCATGGTCGTGCAACAAGGAGAGAAC
GGCTTCAGAGAAGAACTGTCACAGCTATATGTCCCCGCAGAGAGCAACGCCGCCGAGCAA
CTCGTCAAACTAAAGGACTCCCTCCGCAAAGCCGACACCGACAGCTTCTGGATTCAGCTC
ACCCAAGGCCTCGCCAAAATTGCCGATGCTCAGTACGCTTTTGTGTCCAAGAGAATACTG
GTTGATGATAAGAATGTTGCTGTCGAACTGCCCCCCATTGGAGAGCCTGGAGCATGCCTC
ATGGGCGAGGCCTTTTACATCAACGACGACCATGGCAACGGACCCGGCCATCTGAGAAAC
TTCAAATACCATGCCTACCAATGTCCGTGTGCCTACATGAAGCACGACAAGGTCTTCATC
ATTCCCGAAAGATTAAACGATTTCATCCTCGACAACCCAAATGACCTGATCATTCCCGGA
GAGGCTTACCTTGGAATCCCTTTATTTGCCGAGGGAAAGTGCTTCGCTCATTTCGGTGTC
ATGTGGGGAAAAGAGGGCGCAGCTCGTCGTGTGTTGAGCTGGGGGTTCCTCGAAATGCTG
TTCCATAGCCTGGAAGACATGATTCTAGAACGCGTATTGGAAGGCAACGAGTTTGCAAAG
TCAGCAGAATCAATTCAAGCCGAGATACCCAGGATCGTGCCGCACAGAGCCGTCTCGGCG
GCTCAATCGTTGAAGCCCTACGCCCGGAGCTTATCCCATGAATTAAGGACGCCAATGCAG
GGCGTTGTTGGTATGCTGGATGTTATGATGGCAAACGTAAAAGAAGCATCAGAATCATTG
CAGCTCGAATCACGGACCCGTGAGATACTCGACACACTCAGGGAGAACATTGAAGCTGTC
CAAGGTGTGTAACAACTCGTTGAAGAACCTGTAGTGATGGCTCCATACTGATACTACTCT
AGACAGCTCAAGACGTGCAGTCGAGGCAGCCGATAATGTCGTCCATGCCTACGACATGAA
CATGGGTGTTCCAGAGACCCCACTTTCGCCACTCGACAAGACTCCGGACCAGTGGAACAC
TTTCTGGCGTGAGATGCGACCCGATTTGATGATCACTGGTAACGACATGCGTGCTCCATT
ACGCGGCATCAAGAGGAGGAGACACGAGGTTTCTTGGGCAGACCATGCCAACAAGACACG
CGTTGCCAAGAATGCTCGCCAACGAGTTCGAGACACCTTTTCAGAGGAGCCCCCCAAGCG
CGGCACTAAGTCGTGCCCCCCAGACGCAAGCGCTCTGGAACTAGACCGACTGGACCACAC
CTGCTCGCATGGAACCTCGTTAGGCAAGTGCGATTCAACCACCTCGCCCATCTTCGCATC
CGAACATTCCAAAGTTCCCGGTCTCCGACATACCAATCTAAGAGAAGTGCTTCAATACGT
CATTAACGATGCGCTCAAAGTGGGAGGAAGGCCGGATTCCGCCATTGCTGAGGCTACCGA
CACAGGAGAGCGCATTGAAGTCCGAACACGTAGCTCAAACGGAGAGGCACATACTAAATG
GATCGAGTGGACCGTCTCTGCCGATGTCCCAGAGACGATTGTCATCGATGAACGGGATCT
CGCCAAGATGGTCTCCTGCCTCGCTCTTAATGCTATCAAGTTCACACAGGATGGATCCAT
CACACTTCAAGCAACACTCAGCGCAAAAGGCCGTTACATTGTCATCAATATCAAAGATAC
TGGCTCTGGCATCCCCGCAGCTTTCCTACCTAACCTGTTCAAACCATTCTCGAGAGAAGA
CGATTCGATGACACGACAGAGTGAGGGACTGGGTCTTGGTCTAATGGTCGCCAAGGGGAT
TGCAAGGAAACTAGGTGGTGATCTCTTTTGTCTCCGTTCGCATGTTTCTGGGCCAGGGAG
AGGGTCGGAATTCGAGATGAGAGTCCCGCTTACCCCAGGCGAGATTTGCAGTCGCCCTGC
AACGCCTTTTGGATCCCCTACACTTTCCATCAAATCCCGCATGTCTATCGATCCGGAAGT
ACCCCACCTGGACCTCGGCCGTGGCCCCGTCACTCCTCCCTTAAGTTCTGAATCATTCAA
GAGTGATCGCGAACGTCAGCCGCCAATTACACCTGTCATCACTGTCCGCTCTGCAACATC
GCCAGAAGATATCGGCCTCGCTACCCCCCGCCGCACCTTGTCTCCTCCCCGACAACAACA
CGCCACTCGCGCTCTATCTTCAGAGAGGGACGTTGTGCCATCTGATCTGGGCGTTCAACT
GCCTCTGAACATTCTAGTCGTAGACGACAACGCCATCAACCGACGTGTGCTGGTAAGCAT
GCTGGGTAGACTGGGCTACAAGAACATCACTACGGCATTCAACGGTAACGACGCCGTTGA
GACTGTTCGTCGCAATGCTCTCGGCCCGGCGACTGAGTCCTTTGACGTTGTCCTCATGGA
CCTTTGGATGCCGTTGTTGGACGGCTTCCAAGCCACTGAGGTGATTCTGAAGATGCCAGA
GCTTGAGCGGAAGCCGACCATTCTGGCGGTGAGCGCGGACATTACAGACGCCGCTCTTGA
CAAAGCAGTCAAGAGTGGCATGAAAGGCTTTGTCACCAAGCCCTTCATCACACGAGACAT
TGCCCGATTGATTCGGACATACTGCGCAAGCCAATAAGCTTGCCACTTTTACTTCTCCCA
CGGCGCTCTGGCTGCCTGGTTCTATTCACGTTATACACATTATAGTTGTACACCATACAG
GTGATCATGTTAGAAAGCGGGCATGATTGGATCGGACTGGGTACACGACGATCACGATAG
CATTTGACCAGCCCTTTGGAGGGCCTTTATTTTGCGGCGTTCAACGAGCGGGATACCTAT
GGTGGGCTATAATACCCTTTGATGAATTTTGCATGTTGGGATGACCTTGGTTATGGGTTA
CAGTAGCATATGCGGGCTACTCGAATACAACGAAACGTTAAACATTTTACTCAATCATTC
CTCGACCCACAAGTGACTCTGCAGTGATGACGACGCGTTGCTTGGTGAGGCTCTGCTCAG
ACCCGGATTGCCGAGCTAGACCCGCAGGCACGGCAGTCTTGCCCAGGTGAGGTGCAGTGG
TGATGTCGAAGGTGGGGGCCTTGAATCGTGGGGCATGGCCGCCGAACAGGCCGAGCACAG
CACGTTGTCGGAATCTGCCCGCACCCCATGCATTTCAGACTCGCTGCGAACGGCGCAAAC
CCCAGATTTTCACCAGCCACAATTGACTGCAAGTGAAATGATACCGATCAAAGGGAAACT
CGAAGACATGGACGAATTGGAAGCGACTTGGGCGAAACGTGGTTATCGGCGAAAAGTGGC

TGGTGAGCATGCGCCACAGCACTAGCCCCTTGCGCTTGCGGGTCGATTAGAGGACAGATT
TCTTGGGACGCGCCGAAGTCGAGACAAGTGCTGTTGCGCCGCCAGTACAGCCGTTTCTGC
CGTGGACAATCGCAGAATCTTCTATCGTCTTCTCCTGCGACTTTACTTGCGCCAGGAAAA
TACAGTCCCTCCCTTTGTGCTTGAAGTAATCACGCGAAGGTTGTCAAAGTTCCTCTCAAC
GTCATAGGCGAAGATACCTGCGACTTGCGAGCCTCGACATTTCTAGAACCGACATATCCC
TGCGAACAACACTACCACACAACGATTGAGCCACCAGACAGCGTCTCGTTGAACAAGTGG
TGTATTGAGCGAAAATAAGCCGGTGATCAGAGCAGTGGGCATGGAGAATGCGTACACCAA
GACGCCCGCTGAGGCGCTGAAGTATTTCCAGGTCGACGAGCAGAAAGGTCTCAGCGCACA
GCAGGTGCAAAGCGCGAGGGAGAAGCATGGAAAGAATGGTGTGTTACTATTCCCCTAGAC
CGCGACGACGACTGCTGACACAGAGAACAGCGCTGCCAGAAGACCCACCAACACCCATCT
GGGAGCTCATCCTCGAGCAGTTCAAAGACCAGCTTGTCATCATCTTGCTAGGCTCGGCAG
CAGTGTCGTTTGTACTGGCCCTCTTCGAAGAGGAAGAAGGCTGGACCGCATTCGTGGACC
CGGCAGTTGTACGTACCAGGCGACGACGTTACATGTACCTGCGCTGACTTGCATGCCTAC
AGATCCTCACCATCCTTATTCTAAACGCCGTCGTCGGAGTATCGCAAGAAACTAGCGCCG
AAAAGGCCATTGCAGCCCTCCAGGAATACTCGGCCAACGAAGCGAAAGTCGTACGTGACG
GACATGTCAAACGCGTAAAGGCCGACGAGCTGGTCCCCGGAGATGTCATCTCGGTCACAA
TCGGTGACAGGATACCCGCTGATTGCAGGATCCTGTCCATTTCTAGCAACAGCTTCAACA
TCGACCAGTCCATCTTGACTGGAGAGAGCGAGAGTGTATCCAAGGATACCAGGGCCGTCA
AGGATGAGAACGCTGTCAAGCAGGATCAGGTCAATATGCTCTTCTCGGGTACTACGGTTG
TTACGGGGCATGCGACTGCGCTGGTAGTCCTGACCGGTGGTAACACGGCGATTGGAGACA
TCCACGAGAGCATCACGGCACAGATCTCACAGCCCACCCCCCTCAAGGAGAAGCTCAACG
ACTTCGGCGACCAGCTCGCAAAGGTCATCACGGCTATCTGCATCCTCGTCTGGCTCATCA
ACATTGGCAACTTCAACGACCCTTCGCATGGCAGCTTCACCAAAGGCGCCATCTACTATC
TTAAGATTGCCGTTTCTCTCGGTGTCGCTGCTATTCCCGAAGGTCTGGCCGTCGTCATCA
CAACTTGCTTGGCTCTGGGAACGCGCAAGATGGCTGCAAGAAACGCCGTTGTGCGAAGCC
TGCCTTCTGTCGAGACACTTGGTAGCTGCAGCGTCATTTGCTCCGACAAGACAGGTACTC
TTACCACCAACCAGATGAGCGTCAACAAGATGGTCTTCCTCAACGAACAAGGTAGTGGCC
TCGAAGAATTTGATATTGAAGGCACCAGCTTCGCCCCTGAGGGTCAGGTCTCCCTCCGTG
GCAAACCCCTTGAGAACCTTGCTGCTCAATCCGACACCGTTCGCCAGATTTGTGAAGTTA
CCGCACTTTGCAACGACGCAGCCCTTGCCTACGACTCCAAGAATGGTACTTACAACCTTG
TCGGTGAGCCTACCGAGGGTGCTCTCCGCGTCTTAGTTGAGAAGGTTGGCACTCCAGATA
TCGCCCATAACGCGACCCGCGCCAGCACTTCGCCAGAAGGACTTCTCGATTTCTCTACCA
AGCACTACGAAAGCCACTACCCCCGCCTAGCCACCTATGAGTTCTCTCGCGACCGTAAGA
GCATGTCTGTTCTAGTCAAGAATGGTAACTCGCAGAAACTACTCGTCAAGGGCGCCCCGG
AATCGATTCTTGATCGTTGCACCAATGTCATTGTCGGCAAGAACGGAAAGAAGATGCCCA
TGAGCAAGCAACTTTCTACCCTTATCAACAAGGAAATTGTCGAGTACGGCAACCGTGGTC
TTCGTGTCATTGCTGTAGCGTCTGTTGAAGACATTGAATCGAACCCACTTCTGGCAAAGG
CTAAGACTACCAAGGAATACACCCAGCTGGAGCAGAAGATGACTCTCATCGGTCTCGTCG
GCATGTTGGACCCTCCCCGCCCTGAAGTCCGCGACTCAATCGCCAAGTGCCGCTCCGCTG
GTATCCGTGTTGTAGTCATCACTGGAGACAATCAGAACACTGCCGAGTCCATCTGCCGTC
AAATCGGTGTCTTTGGCCCCAATGAAGATCTCACTGGCAAGTCTTTCACAGGTCGCCAAT
TCGACGACCTTTCCGAGTCCGAGAAGATGGAAGCCGCCAAGCACGCCAGCCTCTTCTCCC
GCACTGAGCCAACACACAAATCCAAACTCGTCGACCTTCTCCAACAAGCCGGTGAGGTTG
TTGCTATGACTGGTGACGGTGTCAACGACGCGCCTGCTCTCAAGAAAGCTGATATTGGTG
TTGCTATGGGGTCCGGAACCGATGTAGCCAAGCTCGCCGCGGACATGGTGCTTGTAGACG
ACAACTTTGCCACCATCGAAGGTGCCGTTGAAGAAGGTCGTTCCATCTACAACAACACTC
AACAGTTCATCCGCTACCTCATCTCTTCCAACATCGGAGAAGTCGTCTCTATCTTCCTGA
CTGCCGCTATGGGTATGCCTGAGGCTCTGATCCCTGTTCAACTCCTCTGGGTCAATCTCG
TCACCGATGGTCTCCCCGCTACCGCTCTCTCTTTCAACCCTCCAGACCATGATGTAATGA
AGCGCCAACCCCGCAAGCGCGACGAGCCTCTCATCAGTGGCTGGTTGTTCTTCCGCTACA
TGGTTATTGGTACCTACGTCGGCGCTGCGACTGTCGGTGGCTACGCGTGGTGGTTCATGT
TCAATAGCGATGGGCCCCAGATCTCCTTCTACCAGCTCCGCCACTTCCACCGCTGCTCGA
CCCAGTTCCCTGAGATTGGTTGTGAGATGTTCAGCAACTCGTCTGCCCAAGCTGCCTCTA
CTGTTAGTCTGAGCATTTTGGTCGTCATCGAGATGCTCAATGCCATGAACGCATTGAGCA
GCTCAGAGAGTCTGCTTACATTACCGCTTTGGGAGAACATGATCCTTGTTTATGCCATTT
GTTTGAGCATGGCTTTGCACTTTGCACTTCTCTACGTCCCATTCTTGCAAGGGCTGTTCA
GCGTCATCCCGCTGGACGGCAACGAGTGGAAAGCGGTCATGGCGATCAGCGCGCCAATCA
TGTAAGTCACATTTCACGCCTTGTGCCAAAGGCTACAGAATGAGCAATCGCTAACATGTT
TTCAGCATCATCGACGAGGGCCTCAAGTTCCTCGAACGCAAATTCTTCATCCAAAAGGGT
AACGAGAAGTTGGAGCTCGCTGAACAACAGAACGGCAGGGCGAAGAAGGACTAGATGTTC
TCTTCCTCTTCTTCTCCCTCTCGCTCGCTGAAACGCGCTGACGGACGCCCACATCTCCGA
TCCGATCTAGTCAAAGAACGCATATCATGATCACTTTGCATATAGAAGCAAGAGGTGGGA
CAGCAAGAAGTCAAAGAAGCAGCGAGGAGAGGAGTGTTTTGATACCTTTTGCATGAGATT
AGGAGTTTTTGCTTTGTTCAAAGACAAGTGGTAGATGTAGATGTAAACAACATGAATAGA
GCAACAGTCACGCCACAGCCGAATGAGTATATGTGGGTACTGCATGTATTTCGAGAGTGT
TGTAGGTGCAAGAGCTGGGGTAAACTGGCGATGTTCAGACCGTTATCGGAACACGGATGC
GGCTCTCCAATCTCCGTGGCAAATCATCTCGCCTATTTACTGTATCCAGTCGTAAACTAA
CAAGACTAGTATATGAGGGCATCGAGGCGACACTCAGTATCCACATGGATGCGATGGTAA

CGTGACAAACCTAGGCAACATCTGCGAAGCTCTAGTCAAACTTGAATAGATTCCGCCAGG
CAAGCCCAAGCCATACCCGAGGTCCCATCAATGCAAACATCTCGCCGACTCTACCTCTGC
CCGCCGGTAGCCCACATTCCAGATAACCTTTCTCATTTCCTACACCGACCAACCATGAAC
TCACGCCAACCACTTCACGACTCCATACTTCCACATTAACGACCTTCATACTTGGCAACC
AACTTCCTTCCCTCCTTTTCCAACTCATCAACCGTCGGTTCCCAGACAACCGCCTTCTCA
TTCACTCCCAAAAACTCCCAGATGCCCACTCCGGCCTTTGTCTTCCCCTCCTTGCTCTTT
CCCTTTCCCGCCTTCATCTCTCCAGCCGACTTGCCATTGAGAATCAGATGCAAATCAACT
CTCAGCTTCAAGTAACCATTACCCAAGAACATGACGTCCATTCTATACCGCTCAGCAACT
GTCTTGAGCGTGATGGTGCGGAACGAAGCGTGGGGTGGGGCTTCGAACGCTTGGATCGGG
TACGGCATGGAGCGAGGTGGAATAGAGAGACGCGCTGTATAGGCTCCCGACATGGGATTT
AGACCGGCGATGGAGGTGATGTTCAAAGTGCGTTGACCGAACCCGTACTTGTCGACATGG
GTAGTGGTGTACTTGGGGCAGTAGAGCTTAAACGTTCCTTCGATGGAGCCCAGCGGTATG
GGGATGCGTGTCAGGATGCTGTAGCGCAGGAAGGTGGACGCGGCTTTAACGCGCGCAATG
TCAGACGCCGTATTCTCAGTTTCGGTTTCATTTGTGATGATCACTTTGAATGCTGAGGTG
TCGTCCGAACGTTGGAGCTGGAGCAGTTGCTCGGATTTGGCCGTGCATCCTGAGGCTTGT
TTCAAGCAAGGGAGGGTACCTGCTGCTTCGCTGTCGGAGAGCCACTCGTCGTACTCGTCA
AGGTATGCTGCCTCATCGGTAAAATTGACGGTTCGGCGGGAAGCCGTGAATGTGCTAGAG
AAAGTGGCAAGATTGGCTTCGTCATGCCTTTCAATGTGCTTCTTCTTGTTGTTGAAGGGA
GAGATCTCGTTGCTGGGACGTGTGTATGGTTTATTTGGACGCATTAACATGTCGCGAATG
GTCCTTGATGTGGTGGAGGAGCTGCTAGAAGAAGTGCTAGGTGCCTCGCTAACGGAACGA
CGGCCTCGAGGACGCGGCTTCGGAGTGTCTCTGAGAGGTTCTTTGAACCGCATGAGGTTC
GCAGTGGTAAGACTGTCGACCTGACTATTGGTGAGCGGGTTCACGGAACCTTGGCTGCCA
ACAATGCGCTTTCGGGCCTCTGGGGATTTGGTGTAAATCATGAGGGGAATTTCGGGAGAA
GACTCAAGGGTGCCAGGAGCTTTGCTGGTTTCCTTGGACGTGGTAACTGCGGGTCTGAGA
CTAAACGGGATTGCTTGTACGCGAGGAGTGGTTGCAGGTGTACGGCTCATTTGTGAGAGA
GGGGTCTCGCTGACAAGGACTTCAGACTCTCGAAGGTCTATCTTGTTCTTCTTTATCGGT
GACTCGCTCACACTGCGCGTCAAAGCACCAAGAGACTTCTGAGGAAGTGGAACTGGTGTG
CTCTTCGGCTCGGTAGGCAGGGCTGATGCGACCGACGGAACTGGTATTGGTGTCTTGCTG
ACCTTGGACACATTTTCCTCGTTGGAAGCCACAGGTGTTTTCTCCAGCTTCTGCCTCTTG
GCCTTGGGCTTGATCTCGTCAGACTTGATGGCCTTCTTCGTAGTATCGCTGGCCTTCGGT
ATCTCAGTCTCAATAGTCTTAGCAACGGTCTTCTTGCCCGAACCCACTGGTCTTCCTGGC
TTATTTCTGGGCGACTCAGTAAGTTTAGCGTTCTCATTGATCCGCTGGTCGAAGATAGAG
GCGAGGCGAGCAAGGGACTTCTTATTGTCTTCCATGTTCTTCTTAAAGTTGGGGCCGAGC
CAATTGTCGGCGTCAGCGAGACCTTTGCCAGTGACAGCTGGACTGTCAACAGGCACCTCG
GTCTCTCTCTTCCGCTTCTTCGCAGCAGAAACTGGAGTTCCGTCCGGGCCTTTCTCTCTC
TTCTTATAAGGACCACGTGGACCGTACCTGCCATTCTTGACGGGTGTGGCGGCGGGTGTC
GCGTCGATTGGCGGGGTGTTCTGCTTCTCTTTCAGCTTTCCTGTTTCCGCAGCAGCCATA
GCTGCCTTGGCTTCCTTCTTCAGTTTCCTGGCTTCTTTCCTCTCACGCTTCTCGCGCTTT
CGCTGAGCCCTTTCATTGTTGACAAGATCGTCTGTCGTGCTGTCGTTCGTCGTAACGGGC
GCCGGCTTCTCCGCCTCTTTGAAGTCCATGCTGTTGAAAGATTGACGCTTCATTGAGGTG
CCTTGGCCAACGACATGATGTTTTGGGATTCGGTAGAGTCCCTTGGGCGGCATAGTCGTA
ATCGCCAGTGGTATCTAAAGCGTAGCTCTGGCTGGGAAAACTTCGTTCGATGGTGTGGCT
TGGTACTGTTGTTGTTGCTGTCGCGACCCGACTGGGCGTAGGAGGCAAACAACTGCAACT
GCGCGGGTGCGTACCGAAACCCAATTATCTAAACTGAATTAGAGCGATCGCGTTAGAACA
AATCTTGAAAGTCGTTACCTTGAGTTTTGGTAAATGAGTTGACGGTGGTGTGAGAGGACG
GTAAAGACGACGTGGGCCAGAGGATATCGCAAGGTGGGCCCAACCTCGAGGTGAAGGTGA
GGATTTAGGCACGAAGTCACCTTCACCGTGAGTATGAGAAAACTGAGCAATGGCGAAAAG
CATAAATAGAAGTGCGTAGAGATTAGAGTGTTTACTAAATTGTAGCATCTTTGAGAATGC
TTCCGGATTTCCAATGGGATCACGTCGTCCTTAAGGATGATCAGCCAAATACAGCGAAAT
AAACTTTGTGCACATCAAGTCCCGAATCGCACATGCGGGTATGGAGGGGACATATTTGGT
AGAACAGGTATAACAAAATGGCTCATGACCTTAGGATTCGTTGGACATTCTGAAGATACT
CAGTGAGCTTTGACATATCAAGCAACCCATCGTGAAACTGTGGTAACCACAAAACTAACC
AAGTACCTCAGGCTCCATGCTTTGCAAACGCAATGAGTATATACAGATTGACCTCGAAAT
GGCTACAAAATTACAACACAACTATATTAATACCCTCTCCTGTGGGCGTACCTATGCTAT
TCGAATTCACAACTATCCTTTGAAGTCGCTAGACAATCTAAACACCCCCACTAAACAGCC
TTATAATCCCGGCGCATGCGCAAAGTTCCTGATGTCCTTTGTCTCAATTCGTCCCACAGC
AGGATACATATCATGCCGATCGATATAACTATTTGCCGTCTTGATATTCTCCAACCCATC
TTTGCTTCCCTCGCTCTTCGCTGTATCAACCTGCACTAGTGCGTTCTTATCCATATCGGC
ATCGAAATCGGGCAGTCCATTTCTTTCAGGGAAACTAGTTACTTCACCACCGTTTTCTTG
GATGGGAGGAATATTCGCCATGTCTCCGTGGTCAAGGCTGAGCTTGCGGACGCGAGAGTC
GAGATTTGATGGTGGGGGCTGTGGCGTGCTATCGCTGGGTATTGCGCTGAGCGACTTGGA
CCGCACGGCCTGGAGAGTGTTGGAATCTTCTGAGGTTTGGTTTGGTGCTTCGCCTGCGGA
GAGGGAGCGTTGGGGGTCTACAGTTGGTGTGTGTGGAACACTGTTTGAGCGCTGCTTCTC
ATGTGCAGTTTTGCTGCTCTTGGACCAGGACTTGAATTTGAAGGCCGAGAGCCAGCCTGG
GCGCTTTTCTTTGCCTGCATTTGGATTTAGGGCGCGTTCAGCGGCAAGTTGGATATGAGA
TTTTGCTTCCGGTTTGGAAGGTTTGGATCCGGCGGTGGGTGTAGGCACGGGCGCAGGCGC
AGGCGCTGAGCGGATGTCGTAGTCTGACTTCCGGCGCGCACCTGCTGCGTCCATGTTAGG
TTCTGAGAGGCCTAACACAGCGCGATTTCGAGCAAGATTTGATTCTTTGACTTCTTCGCT

GATGTACTGCATGGCTTTGTCGATGACTTCAATGTACTCTGGATAGTCGACTACACAGGC
TTCGCGAATCAAACGCAGTTTCTCCCAATCCTGTCGCACTGCTGGACCTGTCAGGTCTGG
GTGCCACCCCATGCTCTTGAGATCGGAACGAATTCCACGGTCAACCTGCTCTTTCACGCC
CATGAGATCGATGAGAGCATCGACTTCGGTGCGTACAACTTTGACGTACTCGCTGAAGCG
TGTGGTGTCCTTGACCGTCCAATGGGAGGTCGTCATGCTGAGGTTGCGCTTTAGACTGGC
TCGCGCACCTGTCTGATTTAGGAGATCCTTCAGCAGGGTGTACTTCTCGCGGAAGCCTTC
TAATCGGTTCGTGTCTAGTGCTGGATATTCGAGGCGCGAGAAAGTCTTTGGACTCTTCAA
GCCGTAAACATTCATCAGTTCGTCTCGCGACATGCTACTTGGGCGTCCCGCAATCTCATG
GAGCGCCCTGCGGACTTTCGCATTGATGACCTCCTCGTCAAGCCTCGAATCTCTGACGCC
AAAGTGTACAGGCACATGTGGATCTGGATTTGTGATGCCAGGATGGCTGGGTATCATGTG
TCGTGCAATTGTCGCAGGTGGCGCAGTTATACCCACGGCATCGCCAAAGATCAGCAACCT
GCCCTGCTGTAGGCCAAGTTTCGCAAGCACAACCTTTTGCGCATGGTCCTGATCTTTTGA
GGGATGGATGAGGTTGAAAGCCTCAACACAGGTGCTGAATTGGGTCGCGAGAGAGAAGAC
GTCGGTGAGGATCTGGGCCTTGGACTTCCCTCCGGCTGGGTCAGTTGATTCGACGAAGTC
GGTCGTACTTTTCGTCGTCATGTTGGCGGGGTAGGTTTCGATGTCCAGCTAACAAGGTAC
CGATGGTAGAGCGGATGAGGGTGTCGCGCTGCAGAAGCTTGTGCGCCAGCTGAAGGAAAA
TCAGGATGCATCACGGATCAGGTCAAGTCGATATTCATTGCATGTGCGCATGACGTCTGA
GGGGAGAGACCAATATCCAGCTGTGGCGCAGCCGCGTGCACAAAGGAAGCGGGGCAAGGA
TCGGCAAGCCGTTTATCCTCACTTGGCTTTCCTAGCACCATCTTCATTCGTGAAAATAGG
CCAGTATCCGCAACCAAGCACTGCAACAATGTATGCCACGCCTTTTCCTGCAGATTCCAT
CTGTTTTCGACGCCACACGTGTCCAACGCCAGGTCAGACAAATGCCTCACTGCTCGGCCT
GTCACTTTGTTGGGAATGAACGTGCGACCGCAAATTTGGCTGCCAAAATTTTCACCGTCT
TTCGCTGCATAGCTCGCGATCTAGATTGTGTAGTCACCTCGGGTACTTATCTAGATTTTC
TCACAACAGAAAAGACGCGATAAAGATTACTCGATGATTTAGGAATGATTTGGGCCCCAG
TATGCGTCGCGTCGTACTGCACCCGGAATACAGGGCTCGCGGCCTTCGTTGAAAGGTCCT
GAACAAGAGACCGTCGCATTACTGGAACCGTTCGCTGCTCGCACGTATCGTGCACGATAC
CTTGTGACCTGGCGCACTCTGCTCTAGTCGAATTTCAAGCTCACGCCCCTTGCGGCAGTT
TGACACAGACGATAGACCATCATAGGTTCTAAAGCGCAATGCATCGTCCATAAGGCATGA
CACGCAAACTAAGCGGCCCGGACGGTAGTATCCATGATTACGTCGCTCAGCGTCCATCCG
TACCTGCGTATGCGTGCGTAGCGTCGCCTAGTTCAAAGCGTTTTTCGCAACGGCGCAGCA
TCGGCATGGAAGATGATGAGTTCAACGCAGCACCTGCGTTTTGTTCGACTAGAACAATGC
TGTATGTGAACGTACTGTCGATATGTAGACAGAACACAAGCGGCTGGCGGTTTGGCCTCT
GCAAATTGGGCCGTCTCGTTCGCTAGCGGCTATGCGGTATAGGACCGAAAGAACACTAGA
GAGGCGCCTTCCGATGGAAACGCTGAAGATCGTGATACGCATGTCGGCGAGAGGTGTAGC
TTGTCTGCTAGACGGCAATCTGCATATTTTATCATGCAGAGCTAGTGCTGAAATGTTACA
GCACTGGGACGAGAAGAAGCAATATGGTCCTTTTGCTTAGACGTGGTAGAAGGGACTCTT
GCCACCTGGCCTGTCCTCGTTCACACTCAGCGCAGTGTTAGTGTCGCCATCTTGTTCGCA
CGACCGTGTCTCTGTCTCTTGCTTTTGTAACTCGTTGCGCTCAATACTGAACTCGTTCGT
GACAAAGATGCCACTGCCCCGGCGGCCGAGCTCACTCGGTCTACTTGGTGGCAATGCATC
ATCTTCGCTTTCGCGCTCAGATGCACTTTTACCAGATACCTTACTCTTATTTCCAGTGCC
AGCTGGCCCGTGGTTGCTCTTCCAGTCCATGGGGTACGACCGCCGCTTCGAGGTGGCCTT
GGTGGCTACCGAACCAAAAAGTGGTCCAAAGAGGCGGACGAATGGAGCGCGGAGCATGGG
GAGACAGGCACATATGATACCAGCGTTGGCTTCTATCACTGACCATATTGTAGCAGGAAC
AGGGCCCCAGGTCGGATCGGGATCGTTTGCGGACCTGGCGATTGTAGTTGCACGATAGAT
AGACGCAAAAGTGACACTGAGAAGTCAGCAAGGTGCTTTAAATGGAGGCTCAGATACCTA
CAAGCCACCCGTACCGAAAACAAGTGCCACACCCAACTTCTCGGCTCGTCCCATGGAGAG
TCCTAGGATTCTTCGAAAAGGCATTGCAAGGAGCATGAAGTCGGTTGTAATTTGAACAGT
GGCATAGGAAATCCACCAGGGTTCATTCTTGAAACATCTGGCTCCAGATATGGTTTTGTC
CCAGAATGCGGCGATTGGCGTACATTGGAAAACCGTTGCGATAGTAAAAGCAAAACCGGT
CATGATGACCCAAGCGTCTTCAGTAGAGTCAGTCAATGATCTGTAGTCCGAAACGAGCCA
CTTACTCATGATATGACAGGCAATACGGAAAGACTTTGTGGTGATGGCGAAGATTCGGTA
GTACAGGCAAACCACAGAGATCTTGTTGAACATGAGAACGACTTTGTAAACAACTGCTAC
AGTCAGTGAAATTCATAGTCAAAATTCACACCATTTCCAATAAGTGCCTCCCCGCAGCAT
CTCAGAAACCGGAAAAACCGAGCGATCCGCATGCTTTTGGGATGATGTGTGCATTTGATG
GATGTCAACTCACTATTCGCTCCATAGAACCATTTGCGAGCAATAACGCGGGAGTCGGCA
GGTAGATCTTTCCAATGTCTCCCGTAGCCATATACCACAGCTGATCAAAGTTAATACCCA
TTTCCCAAACTTGTGCCGACCCACTGACCTTGACACTCTGTTACAGAGAGTAAAACTGAT
GAAAGTAAGGCGGCGATGATCATGTAGTCGTCCATTCCCAGGCCGCTACTCTTGATGAAT
CGCTGCGCTAGACGTGCGCTGACGAAAAGACCGGCGATAATAACAGATAGGACACTGGTG
AGCCAAAGTCCCCATCCGCGCTCAACTGAGCCTTCAGTTCCAAGGCCGACGTTGAAAGTC
ATGTCGCTTGAGGGTGCTCGAGTTCTGGAAGGTAAATCCTATGGAACATCCATGAACAGC
GGGAACGGATAGTATTATGGGCCTCGTCTAGCATTTGGCTTTCCAGGTACCCGTCCCTGG
AGATACGGTAGCGCAGGGTGAGGGCTGTGGAGCGGCTGGCAACTCCTTCGTGGGGGCATT
ACGGGAATGCAGTGACGGCGAATTTCTCGTCGTTTCATTCCGATACGATTGGATCTGGTA
TACCAATCTTCGGGGACTACATCTGCCGATCTCTTGGTCTCTGTGCGCATGCAAGCTCTT
CCTTGCTAGAGTCCAGGCGTTTGCCGTGAACGCAGGGCAAACTTCCAATCGCCTCGGTGT
AATGTACTGAACAGGTATGGGTGGGTGACATCACAAATGGAGATCAGCGGTAGCCGGACA
TCTGCCGGATGTAAGCAGACCGCGTTTGTTGTCCATGTCCACTGTGTTCAAGTTCGGTAA

GAACACGCAAAAGCCGTGGCGGATTAGAAGACGTCACAGTCCCAGGTATTCGAATGCTAC
ATGTTGTGGTGATGTTGGCGTTTGCCAGATCGAAAGGTTCCACGCGACCGGGAAGGAGCG
GCAGCGCATCAGGACTAGCGTAACTTGAGATGTCAAAGGATGCAGCCGTGCGAGATGAAG
CCACCCGTCCTGTCTTAAACGTCGTCGAAGCTTTTCGCGCCGGTGTAACGCCGCGCGCGC
TCAATATGGAGCTGTTTGCAACATTTCCAATTGCCTCGGAGCTTTATCTGGTTGTAGTGT
ATTTTGCCCCTATGGAACACGGTTGGCGTCGACGGCAACGCAGGAACGCGGAGCCAATTG
CTTGCCAGGCCGAGCCGCGATTTGAATTTCGCTCCATTAAAGTCAGCTGGTCGCCCGCCT
GGCATTGGAATTTATTCCCTAAAGCGCAAGGTTGTTGTTGTTTCGAGTTGAAATTATGCA
GCACCTCCTCCTTACTGCTGCAGCTGTAGCCTCGCTATTCGGTTCGGCTGTTGCAGCGCC
GAAGAATGGCTCCAATGTTGAGACATCGAGTGGTACCTTGATTGGTCACCCATCGTCTAA
CAAGACACATGTGACCGAATTTCTGGGTATCCGATATGCAGAGGCGCCAGTCGGCGAGTT
GAGATTTGCTGCGCCGAAGAAGTACGATGCGCCAGCAGGAACTGTCTTCGAGGCATCTGA
GTGGGTTAGTAATCGCAATATCGCCAACATGGAGTACAATCGCTAACAAATCATAGTCTC
CGTACGTAAGGAACACAAGACATAGAGGATACTTCTAACGACTCTTTAGTGACTGCCCTG
CTGTCAAGCCGCCAGTGTCCGCCTTCCCCAACTTCACACAGCCATCCGGTCTGCGTGTGT
GGAAGAACTTTGCAGCCCAGAACAACAACTCTGTATCTGAGGATTGTCTGAAGCTCAATG
TCTGGACGGCAAGTGCTGGTGATGCGGACGCGAAGAAGCCAGTGCTAGTGTTTCTTCACG
GAGGACGTACGTTGTTCCTTTGATTCGCCAGAATATCCCTAACGACCATTCCAGGTTTCC
AGATTCCTGGTCCTCACTCTCCCTTCTACAACGGCCAATACCTAGCTGACGCTGAGGATG
TGGTCGTTGTGACATTCAAGTAGGGTTCACTCCATCTTTATCCATGCGTTTACTGACAAT
CCCAGCTACCGATTAGGTATCTTCGGCTTCGCTGGCGCCCCTGGTGTGGAGAAGAACGCC
GCGCTGCGCGATCACCGTACCGCTGTCGAATGGGTGCGCGATAACATCGCTGGTTTCGGA
GGCGACCCATCGCGTATTGTCATCTTCGGACAAAGCGCAGGCGGTGCTGCCGTCGACTAC
TGGGCCTACGCCTGGAAGAATGACCCGATCGTTTCTGGCCTCATCCCCATGTCTGGAACC
TCCCTGAGCTTCGTCCCCAACACTGTCGAGTACTCGCAGTCCATCTGGTACAATGTGTCC
CAGACCATCGGCTGTGGCGGCGCTGCAGATGACGCTGCAGCAGTTGTGTCTTGCGTGCGC
TCTGCAAACATGTCTGCTCTTCTGGCTGCCTCCGCAAAGGTTCCTGGTCTCCCAAGTGTG
GCTTTGACTCAAGCAACTTTCCACCCGACTGTGGACAACATTACGGTCTTTGAAGATTAC
CAACAACTCTCTTCCGATGGCTGTTTTGCCAAGATTCCACTCTTGGTTGGTAACGCCGAC
CATGAAGATGGCTGGTATCGCATCTCTGGGTGGGCGGCCAAGCTGAACTTTACCAATGCA
CAATGGGATCTGTTCACTCAGCGCGGTTTCACGTGTCCAACCTCTCTGTCCGCTGCATAC
CGGGCTCAGTATGATGTGCCTACCTGGCGATACAGATACCACGGTGATTGGGATAACCTT
CGCCTCTACAACGGCAGCGCAGGTCTTGGTTCCCAAGGAAGCGCTGCATACCATGGCTCC
GATCTTGGCTTGGTCTTCGGCACTGTTCAGGACATCTCTGGTCTACCCAATTCTCCTGCC
GAGAACCAGTACACGAAATATATCCAGGGTGCCTGGGGTGCTTTTGCCCGGGACTCACAA
AAAGGATTGACTGAATATGGATGGCCTTTGTACAACTCAGGTAAGAGTCATTTGTTCTCT
GGGTACAACTACTTCTTTGCTAACATACGCACAGGCAATGCCACACTCGTCGAGCTGGCC
TACAACAACGACGCGACGCCCAAGTTTGTCAACCCCAAAATCTATGACGCGTCGTGTCCC
GCGAAGAACGACCCTCTGCCCGGGCGAGGCGCCTTCTAGAAAGACGGAGCTAGGCGCACA
TCGCTGAATAAGTAGTACCTTGAAACACATCTTTGAATATTTTCATCTCGTTTACCATCG
CTTCGCCTCGACTGTCACTGTCTGCATCTGTACCTTGATTCGGATGGCTGCATCTTGGTG
TTCCAGAATACTACGGATTAAATATCAGACGACTCGCCGTTGAACCCAGCACTGAGTTTG
CGTCCGAAGAGGTTGTTGTCCCGGCACTTGGGTCCCCAGGATCTGGTTGCGGTCGGGCTG
GGTTGACGTTTATGGTTACGGCCCGATGCGCTGACGCCAACTAACAAACTTTTGTCGTAA
GCCCACAGCGCGGCGCCAACCGACTTCTCTCCGTAAGAAATGACACGGAAGATATCCTAT
CGCAGCTGCTGTTCCCTGGAAATGATATCGCAGTCATCTGTGATTGGGCTACCGAGGTAA
TTGCGAAGGTGGGCGGGTGTGACATGGTGGAGACGAGCACGTGGCTATAGCAATCCCAGC
TCATCCGGCGCCATCCTTCCGAACTACAGCAGTGTGTATCGTGAATCTAATCATGCCATT
TCCACAACTACGATGTGATTAGACGCATGAACTAGCGTCAAATTCTTCTGTAACCGATCT
TGACCAATTGTTCCTGAATATGCCGTTCGCATCAGGCACGACGATCGAGATTTCAGTGGC
GCACAGTCTGCATGAAGGCTTGCATGCGTTCGATAGTTCCGTCGAGGAGGATTGAGGCTC
GTCGGTGCAGCACATGTACAGTCCTCGGTTTCCAAGAGCCAGAACATAGATAGTGAATCC
TTCTGACCCGCCTCATCCACTTGGATAGCTGCTTGACTCGCAGTCTCATCGCACTAATTC
GCGATTACGCAGCCTGGACTCTTCAGCACAAGAGAGATTTCTTCCGTTGACATCGTCTTG
TAAGATACTCCAGTTTCTCTATAACATATCAGAGGCGAACAGAGACCGGAATCATCAAGG
ATGATCCCCCGTCTTGGCAATGTATATATTGTTCAATAAGGCCGGGATGTCCAACTGTAA
GTACCGGGACTAGAATCCCATGCCGCGTCTATGCTAACCTACCAGAGCAAAGTTACTGCG
GGGCCCTTGCGATTGCGGCGTGGTATCTGCACAGGATACGGGCTTGCTCCCCGCCCCTCG
GGTCTGTATTTTCTGGGACGAGTAATCTGGTGGCCATCAGGTACAAAAGCCAAAAGCATT
CCAGTCGATAGGTAGCCTGATCCCCTGGTACCTGCATCTGAACAAACCGGTCCGTCTTCA
TCACCACCATCATCATGAGTTCAGTTGGTGCTTGGCAGTTTGCGCCCCTCGTCACCGAAT
TCCCTACCAATGTTTTGCCTAACCTAGGGTTCTGGAGTGCGACCAACGGGTCTTGGGAAT
ATCAGATTCAAGTCGCATGGCCGTTGAACTGGACATCGCAGGAGGAGAGCTCGACTGTGG
AGACGATGTAAGAGCCCATGATGGACTACAGTAGCAACATGAGAAAAGAAGTACTAACAC
CACTACTAGGTATGTCCTCGATGGCAATGCACTCGGCATGACTGCCACGGAAGCTTTCCG
TCGCCGCCGTCCAGTTGAGTTCAACATGCCCGACTGTATCGTCGTCAGCATAGGCTACCC
GGAAACCATTGAAGATTCGCCTTACAGCACCCAGCGAAGCTACGACTTCCAGCCTCCTGT
CTGCGACGGCTGCCCATTGCCAACAGTGCCTGGCGTGCAGTCCAATGCCAATGAGTTCAT

CGAGTTCATCGACACTGCTCTCCGCCCCTGGGTCCAGGAAACAGCTTTCCCAAAGGCTGA
ATTCGACCGCGATGCGCTCTACGGTCACTCCTTTGGCGGCCTCTTCGTCCTGTACGCTCT
CACAGTACGCCCCGATCTCTTCGATACATTTCTCAGCGCCTCCCCGGCACTCTTCTTCAA
CAACGATTACGTCTTCAACAACACGGATTTTCTCGCACCGCTAACTTCGCCCTCGGCTAA
CAACACTTCCAATGCCACCAAGCCTGCTTTCCAGATAAGCTATGGGGCGCTCGAACAGAA
CCTGGTGCAGAGGCGGACGGAAACGGATGAGGAGTTCGCCTTTAGACAGAGCATCCTTGT
ACCGCAGCGGATGACGGATCTGAGCCAAAAGCTATACAGCACGCTGGAGGATAGTCCGGC
GTTGAGGGATATCAGCATACATGAGTACCCTTTCAGTGATCATGCTGCAGTAGGCGCGGC
AGCGCTCGCGGATGGTATCGACTACTTCCTGGACTGGTGAATGCAAAGTGCTGTCCAGGG
TGGAGGTGAAGGAGAGCGACGCCTTGTATGAGGACTGAATGAAAAGCTGATGGTCAACCC
TGAACCTCAAGCATTGCTGACCTGTCTTGCCTGAAATTGGTAATGCTTAATTCCGGCCGC
GGTGATGTCTCTTGCTGTCATTTTTTCAATGCGGCTCATGACTCTGTGTCTTTGTAGCAT
CGGCTATTGATCCACTATGCCAGCGCCAGATTTTGCACCCGACTCGTTGTTCCCTTTATC
CTGCTCTTCACAGGAGACTTTGTCTGCTGCCTTGATCTTCCGCGTTACCCGGTCACGACG
ACGCGATTGGAGATGGGAAGTCGGTTCGTCTGGGCTGGGAAGTTACAAATGGATAGCTTG
CCGGACTACTTGCCCGTTTGGCAGTAATAGCGCTGTGCCTGACCGCCTTGTTCGAACACC
TGGGGACGCTGGTCTGAGGCGATGTCACGCTGGGCGCGACTGGATTCGCGCGACTGGTGG
AAACGATTAGATTACAACCCCGCCCTAAGCAGGTCAAAAACCACACGGCGGCATGTGTAC
TGCCCACATCACCCACAATCGTGCACACGGGGTACGATAAGTGATAACATGGAGTGGACA
CGTCCCACCGCTCATTGCACCAGAGTTGGAGCAGGTGGTGCGGCCAAATGCCGGCGAGGG
GCGACATTGGCTGAAATTTTCGGGGCAGTGGGTACAGCCGCCAGCAAGAGCCTCAACGGA
TGCGCATCCGGTGTTTGATCAACGCAGAAAAAGTTTCGCCTAGGGAATCCCGGCGATACG
TCATCTTGAGGGAAAAGAAGGGTCCGGTGAGGAGGGGATGATGGCACGTAGAAATAGCAA
AATGGCCCTGTGCCCGCGAGCCCTGCCCTCGCAACATCCTCACGAAGCAACCGCTGGACG
GCACAAGATTCCCTCCCCACCATCACGACTTCCACGGCCGACTTGACCACCACCACCACC
ATCATGCAGCGAGCAAACACGACCGAGAGCCTGCGCACGCCTGGCGCCAGCATCGCGACC
CTCAACCTGAACAAGCCCCCGCGGCCGGGCATGGAGCGCGCGCCCACATCCACCAACCTC
ACACGGCCGCTGCCCATCCAACGCCTGGAGGGCAAGGTCGTCATGATCACGGGCGGAGGC
GGCAAGGTGGGCGTCGAGTCTGCTGGCCGCCTGCTTATCGAAGGCTGCAACGTCGCCCTC
ATCGACATCGACCAGGGTGCTCTCGAGGCTGCCGTGCCCGTCCTCAAGGCCGCCATTCCC
ACAGGCTCGCCCATCGAGTCGCGCCTGCTCACCATTGTCGCCGACGCGACCAAGGAGCCC
GACGTCGAGGCATGCGCCAAGAAGGTGGTGCAACGCTTCGAGAGGCTCGACGCTGCCCTG
CTCAACTGCTGCCATCGCGGCGAGTCCAAGAGCATCTTCGACGTCACCGAAGACGACTTT
GACCGCATCATGACCATCAACGCCAAGTCTGGTATGTCACTCCCCTGTCTCTTCGACAAC
GTCACCCTCCGCTGACTCTTGACCCCCCAGCATTCCTAGGCGTCAAGTACGCTGCTACAG
CCATGCAGACCACCTCTGGTGGCGGCTCCATCATCATCCGATCCTCCATCGCCGGTCTTC
GCGGCTTCCCCAACCTCATCTCGTACAGCGCCAGCAAGTTCGCCCTGCGCGGCATCGCCC
TTACCGCCGCTGAAGAGCTTGGTCCGCTCAACATCCGCGTCAACACCATCCACACGAGCA
TCATCCAAACACAGGGCTACAAGGACGGCTGGAACAAGGAGAGGCTGGCAGAGCTCAAGG
AGGAGACTGCGCTCGACCGCTTCAGCACCCCAGATGACGTGGCCAGCGTCGTTGCATTCC
TCGTCAGCGAAGACAGCAAGTTCATGACTGGTGGACATTTGAAGATTGACGGCGGCTGCG
TCGCTGTTTAGACGTTTTATTTAGCCTTGCTTGTTATACTGCGATGATCGATATTTGCAT
TGATGGAGTTTGGGACGCCCGCTTTTCTTCCGAAGCAGAGGCTGCATGCTTTGCACACGC
TATCATCATGGATTGGAGGTATAGAGGCACATTATTAGACGGATAGAAATGATTCACCAG
GCGGACATCTGTCCCCACCCACTCCATTTGCTTGTACACACTTCCTCATGTCCCTCTGCT
TGGGCATACTTTGCCATGACAGCGCGTGACGTCACTGCACTGTCATGCTCCCCCTCATCT
GGAGACCCATTGACGCAACATGCACCAACAGACAACACAATCCTGCGTCTCCACTAAGGT
ACACTAAATAGTCGACAAATAGCTCACACCTAAGCTTCACAAGACTGCCCTGGTGCAGGA
TGCGCCATTAGGCCCTGCACTACCTTGTTTCCGAAAATATCCGGTAAAGCTGTCATGATG
TGACGTGCATTATGCTCCAGTAAGCGTCTGTCACCACTCGAATAGCTCTGTCTGTACTCC
CGTCACTCATTCTCACCTGACGGGTTCCATCACTTCAATCCTAAGGGCAACCCGAATCCC
ACCACATCACCATGTCCGAGCCCACAGCAACCCAACACCATCCCAAATTTCAAAACCACA
AACCAGAACAAGATGCCGTTGACTATGAGATGCAAACATACACACGCGGGTTAGACTTTG
AACGCCCACCACTCACATTCCAGGCCGATAGATGGGAAGAATTGGCTTGTAGCCGCATGT
CAGCCGACTCCAAAGGCTACGTCTACGGATCGGCTGGAGTACGAGAAACAACAGACAAAA
ACCGCAATGCCTTCAGGAAATGGTCTATTGTGCCAAACCGCCTGGTAAAGTACACTGGTT
TCCCCGACCTGACGACCGAAATCTTCGGCGAGAAAATGGTGGCGCCCATAGCCATGGCGC
CAGTCGGCGTACTGAAGATCTTCAACCCCCAAGGCGAAGTCGCCGCCGCAAAAGCCGCAG
CCAAAGAGGCTATCCCATACATCCTAAGTACAGCGAGTAGCACGAGTATAGAGGATACCG
CCGCAGCCAACGGCTCCGATGGCCAACGCTGGTACCAACTTTACTGGCCCTCACGCGAAC
ACGACGACATTACTATATCTCTACTCCAGCGCGCAAAGAAATCCGGTTTCACAGCTCTGT
TCGTAACGCTAGATACATATATCCTTGGCTGGCGGCCCGAAGATATGGATAATGGATACA
ACCCCTTTATGCGCGCAGATCGCACAGGCGTGGAGCTCGGTATGACAGATCCTGTGTTCC
GGAAACAGTTCAAGGAGAGGCATGACGTGGATGTGGACAGTAAAATGGACACTGCGGCGC
CAGAATGGATGAGGACAATCTTCCCCGGGGAGAGCCATAGTTGGGAGGATGTGGAGTTTT
TGAAGAGGCACTGGGATGGGCCAATCGTGCTCAAGGGCATTCAGAGCTTGGCCGATGCGA
GAAAAGCGGTTGAGATTGGTGTGCAGGGCATTGTTGTGAGTAATCACGGCGGGAGGCAGC
TTGATGGCGGGAATTCCTCGTTGGGCGTGTTGCCACATATCGTTGATGCTGTTGGGGACA

AGTTGACAATCTTCTTTGACAGTGGGATTCAATCTGGTGCTGACATTGCGAAAGCAATGG
CGCTGGGCGCTGACTGTGTGCTAGTTGGTAGACCATACGTGTATGGTCTGGCACTCGGAG
GAGAAAAGGGCGTGGAGCATGTACTCAAGAGTTTGGTGGGTGAGCTGGAGCTGACCTTGC
ATTTAAGCGGTATCCAGAGTGTGCAAAAGAAGGACCTGAGTCGAAGTGTATTAGTCAGGG
AGGACGCGCTTTTTGAGGGAGTGAAGGGAGTGGGGCTGCATTAGATGCCTCATAGTCAGG
AGAGCGTCTACATCTCTATCAGGCAGCTTTTCTGGGCTGTGAAACTCGAGGCCGCTCTCG
ATTGGGCACTTTTCACCTTCACCTTCATCTTGGCTAGAACTCAAGTATTAACGCTTCACC
CTGGCTTTAGTCATCTCCTAGCAAGCCACTATCACATTTCACTTCCACTTTCAAAGCTAC
CCACTTGATATGTGACCCACGATCAACTGTTAGTCACCTAGAGATGAAGAACTGGCGCAC
GTATATCTTGCATCTCTGTGCCTTAGTCTGTTTCGCACCAACTTCAACCTTGCTCTACGA
ACTACTAGCAGCACTGTCCAATGAGACCAAGCCGCGATCGAGTCAACATGACCGAGCTCG
AACGACAAGTCGCGTTGCTGAAGTCCCGTGGCCTGATGGTACCGACCACAGATCCAAGAA
CGAGCAAGCGGCCCGCAGAGGAATCGTCCCCAGAACCCTCATCCAAAAAGACAAAGCACA
CCACTGAAATTGCTTCTGTGAGTACATACAATAAATGGACAGCGACGTGTATACCCAAGT
TTGGAGTGGTCATTAACCTCCGCTAGAAACGCCAACTTCATGCACACTCTATCCTCCAGC
GTGAATTTCTCCATCAAAAGGCCGAACTTCAAAGAACGAAACAAGAGCTGGCAGCCGAGA
AAGCCAAATCAGCCTACAGCAGCAACCAGATCAAGTTGCTCTGTGTTCAATGCTGCAGAT
TGACCGACCGTTACCACGCCGCTCTCGCCTCCCACGCTTCTCTTCAAGCCACATATCGCG
ACCAAACCTCCGAGCTCCGTGCCCACAAAGGTGCCCTTGACATTGCCAACGAAGAGCTAG
AGGAGTCTCGCAAGGACGCTGATACCTATCGCGAGGCGATATTGAAGCGAGACGAAGATT
ACGAGCTTGCGAAGAAGCAACTGGAAGAAGCGAAGGACGACGAGGTGTTGGAATGGAGGG
TGTTGACGAGCAGGTTGCAATCGCTTGGGAAGGGCCATGAGACGGGTCGCGCGGTCTACG
ACATGCTTTTACTGCAAGTTGAGAGACAGTGTGACGAGGACAAGGTTGTGTTGGAGAGTG
TGAAGGAGGCTTTGAAGGACGCGTTTGGCGGATTCTTTGAGAGAGAGTAAGTTGACGGGA
AGTACGCCTGGAAGGACCTGCGTTGGATATCGAGCGGATGTACGCCTTGCTGATTAAAGT
TGCTGGTGATTTGGATATTCGACATGTGGTGACGATTAGAGTTGCATCCCGCTTTTCTTG
TGGTTCGGTCTAACAGTGGTGGTCATCATGCCTACGGGAATGACTCTTTAACTCAACTAG
ATCCGCATAGGGACCTGTTCTTTTCTCCGCTGAGAGGTGAACACTATGTCATTTCGCTGT
CGTGGAACGATCTGAGCAATACAAAGCTCAATACTACGCGCATATAAGGGTATATCAGCG
CCAACCAAATTTTGCAGATCTCCCGGTGCCGTCCAAATACATATTTTGAGCCGTCCATAC
CATATCATATCCTCAGATCAAGTCTCATACCCGCATCATCATGCGCACGGTAGGAATAAA
GTCTTGACTGTCCTTCTCTTGCTGTTCGAAACTCTGTTTGAAGGCTGCCAACCCCGCGAG
GATTCCGCAAACCATAAAAATCAACGAGACAAGTGACCAGATGACGCCCCAGCATTGCGA
TGAACCGCCGTACCGCTTGGCGAAGACGCTGGCATCGGAAGAATTAACCTTGCGGAGGAT
GAGGTCGTCACAGATGTCCCACACGCTGTATAGAGAAGACATGACGCCGATAAAGAGCTG
GAAAGTTTTTAGTTCGACGGTTTTCGAAGGGACGAGAAGGGGTACTCACGACCATGAACC
TTAACGCTTCGCCATGTTCGATGAACCAGAACGCCACAAGCAACCCTACACTGAGCAGAA
TGGTCACAATCGTCAACCAGTCTTTTCTCGCCCACCACAATGTCAGTAGGAAACATACGC
CTAGCACGATACTCGCTACTTTGGAGGCCACGATGTTGAAACCGCAGAACGTAAGTAAAG
CGCCGATCAATGAAGACCCCAAGTAGCCAGCAGGGAGAGTAATGAATTGCTTGCCGCCGC
GCATGTGTGTCACACCTCCCTCATGAGGATCAAGAGAGATTGATTCTACTCGCCCACCAG
TACAACAAGACGTTATTGCATGGGAGAATTCGTGGAAGGCAATGACTAGCATCTGTGGAT
TCAATCAGCCATCCATGTCTCCTGTTATGCTGATTTTGCAAGCTCAAGGAACCCGGTCAT
CAACCACACTGATGATCTCAATTCCAGACCATCTTCTCCTAGGGCTACTACGGTGCACAT
ACCTTGAACGGCCACAACACCCATCGCACATACGGTAAATTCCACAACAACGCAATAACA
ACAACATATGCAGCAATAACACCTAGCGTAACTCCTTGAGTATGATTTACACTCAATCCG
CGGCGCTCGAAGTGATGCGAGGCCTGCGAAGCGACAGCCGGCCCCGCTGTGACCAGGGCC
CGACGCGCTAATTTGGCGAGGTTGCTGGTGTTGTGAAGTGGTACTGCTGGCGGCATAGCT
CCGTATTCGTATCTTCCGGTATTTCAGTGTTCGTAGTTGAGCAGAAAAGAATCCTAGATA
ATGAGCGGCAGAAGTGTAAAACGAGCGAGGACACTGTATCTTGTTGTTTGAAAGCGGAGA
GTGGCTGGAGAGAAGACGTGGAGCTGACGCGTTGCCGCTTGTGTTTGTGACATGCGCCAC
GCTAAAATTAGCAGGGGTGGCTGTGCCGGCACCTTTCCGGAATGCAAAAGAGCTTCTCAC
ATCACAGAGGCAGCGAATTGTTAATGTGTTGGAATTGAATAAAGTCTAAATTATGTACGC
CTCTTGGCGGTATGTAGCGCAGTGCTAAAATGGAGGAGCCGCTAGAAGACAGCGGCAGTG
CGAGAACATCTCTAACCTGGACTGCCTAGGTAAAGATATCCTGTATTTGACCATGGGAGT
ATATTTAAACCCTCTCGTGGTGCGTTGACATGCCCCTCTCAGGCGAAGTATCAACATCTT
TGTCGCCGACCTTCTCGGATGCAGCAGCACCAGTAGCACCAACAGCACTGTGACGACGCT
CCCAATAAGTGTCGTCACGTTCGTTACGGCTGATGTATCCAGCTGGGACCCACTTCTTAC
TGGTCCTAGCCGATATGCTTGGGTCCGAGTACATGATATCGACATTCTCCAAAGACAATG
ATTTGGTCTCGAATACGAAGAAGTAAACGATACCCGCCGCAACGAAGTTGCATGCGAAGA
AGACGAAACCGAAGGCGTAGCCGATACCGTCGTCAGCGTACGGTGTAAGGAAACCGATCA
AGAAATTGCCTAACATGGAGCGTTAGTGAATAGATTTGATGTGTTGAAGATGTATAGCTT
ACCGAGCCAGTTGAAAGCAGTAGCCAAAGAGGCCTGCTTCGCGCGAGTGCGGAGTGGGAA
CGTCTCTCCAATGATAACCCAAATGAAAGGCCCCCAGGTAGAGGCGAAACTTGCGATGAA
CATGCAAGCAGCGACAATCATAACAATACCAGCGGCCGGGTTGTCCTGTGGCGGTAGCAC
GACACCGATGATAGCAAAAATCAGCAGCCAGACAGCTTGCCACAGACCACCAACGACGAG
AGGCACACGACGACCAACTCGCTCAATGAGCCATAATCCAGGAATGGTCATGACTACATT
GACAGCGCCAAGAATGAGTTGAACCTGGAGAGGGTCGTCAATACCTGCCGACTGGAAGAT

GGTCGCTCCGTAGTAGAAAAAGTAGTTGACACCGGTCCACTGCTGGAAAAATTGCAGAGC
ACATCCGAGAAGGGTTCGGTAAGCAAGAAGCGGAATGCCGGATGGCTGGCCAGTGAAGCA
TTCCATCCAGGTACCTTGTCCAGCGCTCTGTTGTTCGTTGATGGAATCCTCCATCTCCTT
GAAGTCCGAGTTGACCAGCTCGTGGTTGGGGTCATGCACAAGGCCTCGGAGACGGGCCAT
TGACATGCGTGCCTCTTCCCATCGTCCTTTACCCGCCAACCACCTTGGAGACTCCGGTGT
GAAAAGTACACCGACACCAAGAGGAATGGAAAAGCCGATTCCCAAGCCGATAACGATCCT
CCAGGCAGCATCGCTATCCTCGCCTGGGTTGTCGCGGACTCCGTAGTTGATGATGTTGGA
GATGAGAATTCCGACAGTGATCATGAGTTGGTAAGATGCGACGACGGCACCACGAATCTC
TCGAGGGCATACTTCAGATTGGTACATTGGTACGCCAATAGACAGGATACCGACACCAAG
ACCTGCGACAATGCGACCAACTGTCATGTGTACCCAAGTGGTCATCGCGGTGACCTGGAT
GATGTTGCCAATAACGAATATGGCCACACCAACGGTCAGATTGCGTCGACGACCGAACCA
ATCAGCAGTGTAGGCACCAGCAAGTGCGCCGATGAGGGTACCGATGGACATGAGGGAAAC
GAGCAAGGATTGAATCGTGGGGTTGAAAGCCTTCTCGCCATTGCCCTGGTCCTGTCCGAA
TCGCTGAATGAAATCCTTAAAGATGAGCATTCCAGAAATTTGACCCTATCTTGAATAAGC
CGTTGGACGGTTGGAAACAGAACATATATGGTACATACCGTGTCATAACCAAACAGGAAA
CCACCTATCGAAGTAATCACTCCAAGTATGATGGCTTCAATGCCGCACTCGGCGCCGCGT
ATCTTGACAGCACTGTAAAAGTTAGCACAATTGTATGCGTACTTCAACCGGATCAAAACC
TACACTTTGCCCAAACCCATGATTGTAAGATGACTTGGCCACGGGAAGATTGATATTCAA
GGCAAGATGGGGTTACTCGTCCGGTACACATCCATTCTTAAGTATCAATGCCAATTCCAA
TCCCGTGTCCCGTTATGCGGTAATGCCCAGCATCGCGCCGAGCTTTCGACTCCGGGGCCT
CTACGTCATACGCGCCACGCCGTCACGCGAAATTGCGCGCGAGCGGCCTTACAAGCTTGG
CTTGTCCTCCTCCACAGCCAAACAGAAGTCATCCGGGGGTCTGAAACTGCAGTAGTGGGC
TTGTCAATGCGACGCAGCCGCTGGGGGACAAGGGGCGTGTATGTGGGGAAGCTGGTCGCG
ATTCGACGGCCAAGCCAAATCCGCCCGACGTTCCGGGAAGTCCCCCCAAAGAGATACACA
GCCTCGAGTTCACATGGATCGGATCGTGTTCTTGCATGCTCATCTGACGGTAGGCGTTGT
ACAGGACGTTCTGCTAATGCGATTTGAACGCCTCTGACACCCACCCCGCATTCAGATGCA
TGGCATACAACGACGAGCCTCAGGGACCGTTGTGCCGCACAGCCGATCCCCAGGAACCTA
CTGATAGTCGCGTGACTTGTGGATGTCGACTCAACGACGCGTATTCCTCGGCCGGGCCCA
TGTCGGTGAAGATACTTCACTTCAAGATGCGACAGATTCTCTCGGCAGTGGGGATGATGG
AGATGTGTACGACCCCATCCAGGTCTGTGCAGCCCTCAACACCAGTCTCTCTCCGACCAT
CCCTCCGACTCTTTAAACAAATGCCGCGTGAACCGGCATAAGCTTTGTCGCAGCGCTTGT
TTTGATTCGCAATCTCCGATCGCTTGCAGTCTTCCTCCGGTCAGGTATAGCGAGGGACCC
GTTTTGGATGCAACGTAAGCCAGGTTGCGGCGACAGATTGGTTCGGATTGGTGCAGGAGG
CCCACATGAGGCTCAAGGAAGCCACTAAGAACATTCCATTGACTTGGCATGTCCGACCCG
CAGCGGACGAGAAAGTGAGGCCGTAATCTCGGTAGTTCCCACATCGCGGAGTGGGTGTGA
AAACTTTGAGGGGAGCTTGCGTGTGGTGAGGAGAAGAAGGGGTTGCGGAGGCTGCGGAGA
CTGGAGAAAACTTCTCACTAAGTAGTAAGCACTGGGGACGAAAGCTGGAGACGAAAGCTG
GAGATGGAACAACGAAACCAACATTGCAGCAACTTCTCGCACGACAGCGACCTCCGGCTG
GATTTATAGCTGACACAGTCCAACATCAAAATTGCTTCAGACCTGACTCTCGCAGTTTTC
CGCTCCATACAGTTTAGCGCACCCGAGAGGTCGCCAGCTTCTGGTGCGGAAGGGAGTATA
GACTGCATCGAGAACGCGGCGAGACGATACAGCTTGATGCAGTCTTCGTATCCTTTACTG
CGCCAATATCCCTGCGCCAATGTCTGGCTGCGTGAGAGACATTCGTGCCAACTGTGATAC
GCGACGCGCTCCGCTAGGTCACGTGCGACCGTTTCTTGGTGCCCCAGGGCTGGGCGCCAT
CAGTAGCGCTAGGGCGTGGTCGTGATGTCATGACATCGCGACGCTGAAGAGCGGATTGAG
CATATCGAACTGGGAAACGTCGACAGCATATTCTGCAAAAAAGACCCTGGACAATACTCA
TTTCGAACTACCTATCACGATTCCTAAATACATAGCAAGATGGTCAAGGACAATGAAACC
GTAATTGAGTGAGTAGCTTGTGTGAACTGAGGCGAGGCCAAGTGCTTACGGCGCCCCGAG
GGAATTCAACGAGCTTGTCAACATGTCAGCAGACGAGCTACAAGACTGGCTCGGCAGCGA
AGAGTCCGAGGGAGCCGGCTGGTAAACTCTCCTTCTAATGCAATGCTGACATTGCGAATT
GCATGGCATACACAGTCTCTAAGGCGCCTACAGGTCCAAGGATAACGGCTCCGGCGAAAC
AATCGGTCATGATTCAGGCCGTAAAATTGTTGCCATCTTGCAGAAGAATCCAAAGAAAGA
AGCTAGTAAATACGACCAGGAAGACATCGATCACATGCGCAAGGTAGTAGCATATTGCAA
GAGGCATCTTGCGCAAGAAGAGAAGGCGAAGAAAGACACCGATAGTAAGAGCTATAAGAG
TTTGAAGAACTGGGGTCACGATGCGCAGAAGGCTTGAGCACAAGATTCCTTGAAGAAGAT
GTTAGGTAGATGAGTGAAGATTTGAAAAGACGATATAAATGATCATGTATCGAGGCCGTA
CGGCATGCACGTCACTATAATTTCAATAACACACTTCACTATATGACACCATCGAAAGCG
AAGAGCACCGGCTTCAAGACGTCCAGATTAAAAGCGGGGTAAATTGGAAGCAGTGTTCAG
GAACTATCTAGGTAGAAGCGGCGCATAGGACTAGTGTCTTGGTCTACATGACAGTCGACT
TCTTGCGGCCAGCAAAGTAATTTCCCTACTGAAAATTAGTTCTGCCTTCTCGGTGTTCAC
GATCAGAGGAAGCTTACCTGCATACCACCATCACACGCAGGCTGCTCCATTTCGTCTGTC
TTTGTCCTCTCAGGTGGGTGTCTGCGCTTGAAACACTCGCCTACATGGTGGCCTTCGTCA
CAAGCGACAACCCATTGACCCATACCCATGTCCTTGGGTGCGTGCCTGACACCTCTCCCA
CCACCACCTACTATCAGATTGCCAGGACGGTAGGTTGGGTCTGCGCGCATACGCTTAATC
ACGCTGCTGTGGATAACGGCATCGGCGGGTATATCACGGGTCTCGCCTTTAGGCAAAGGC
CATCTGATTGCTTTCCAGGTTCCGTCTTCTTGTAGATCCATACGTCGAAAGGGTAGATAC
TCCATTATGTTCCACGAGACGACGCCCATACGGTTGGCGCCATTATTGAACTGGAGAACA
TCATGGATACGGCCTTTAGTTGCGGCGCTGTGGAGGTGTTTATGGAAGTGTGTGTTCGGA
TGTTCACGGTGATGAGAAAGTATGTTGTCGTCGTCAGTGTAGCCTGCTGTATCCATGGAC

GGCGCATCCGAATTCTTGCGTGGAATGACTGGTGAGGGTGATGCAGGATCAATCGCAATC
ATCGGTATGTTGTTTTGGGCTTGCAAAACGGTGGTTGTAGGCTCCTCATGGCAACAGCTC
AGGGCCTCCAACTTGTCTTCGTCGAAGTCGAGACCAGCTTTTTGAGCCTCGCGCACCATC
CACACCAGCGCTACGTGACTCAAGGCTGCATCATCGTCACCGAGAGGCCATCCTCCGCCA
ATGTCCTACGCATTGTCAGTTTTGAAGGTCTATCCCAGGTAAAATGCACTCACTGCATGA
CACCCTGGAAACCAGACTTCTTGAATGTCTTGTTCGCCATCCTCGTCTTGAGAGTTGAAA
GTCCCTGCTGCGTCGTACGATCGCATTGAAGGAGTAGCAGAGCCATGAACACCATCCAGT
TGTGAGCGGTCTGCGCTACGGCTGCGCACGCCTGAAGTCTCATGTGGATCTCTGAATCGC
TCAGGCGGTGCTAACGTGTCCCGCCGACCTCTATCCTGGTGTTCCTCGTGATCCTTTTCG
TCGTAATCATGATCCTCATGATCACTGTGGATCATATCCTTCATTTGCTGCCGATGCTTG
TGATGACGGTGTTTGTAAAGCATTGATCTGTCTGGCTTCTCCTGGGAGATGAGATCTTGT
CTGAACTTTGCACGCCGTTCATCGATAGAGACCGCATGACGTATTACGTTCGCACTGCTT
CTTGCAGTATACGGGAACCTGCTGCGTTGCATCCATGCATTCTCGAATGCAGGCACGCTG
TTGACTGTATCAAAAAGACCAAGGAAGCGTATGGGTTTTACAGGGCGGCTGAATGTCTCC
CTGAACGCGCACATGAATTCGAGAAGCTTTAGCTTTTCTGATTTCTCGCCGGACTTGCGG
CTTTTGCTACCCTTCTCTTCCGGCAATCGACATTGCCACTTCTGAAATGTTCTGACCAAA
AGTGTAAGTGAGGGTTTTACAATGACTTCAGGCTGTACTTACTTCCATGCGAACTGGCAC
ATCTCTTCATTTCCAGCCTGTTGCATGTTAGAAACTTCTTGATATATGGTGAACAAGCGC
TTACAGAGAGAAGGCCAACATGATCGAGCATCTCCGCAAGGAAACGAGCTGTGTAGGCAC
CTCGTGAAAATCCAAAGAAGAATATGTCATCGCCAGGCGTATAGTATCTCATCAGGAACT
GTCCAAAGCGTGTCAGTGCTATGCGCCATGGTTGCTCCTTCAAGCGAGCAACCGGAGCTG
CTGCTCTGTTTCATGCAGTTAATTACTAACCTTATATCCTGCCATAACGTGCTGGTCGAA
TGAAGTTCCTATACTAGATTAGGTCTCATGCTTGGCAGCCAAGTCCGATCGAACATACCT
ATCGCGCTGTCTTTTGCTTTCGCATACCACGACTGAAACCTCTCCCATCGGCCTGTTCGG
GTCATAGATCCATTGGCTTTCGTAACGTAGGTGCCGATTCCGGGCTGATAGTAATGAAAT
TGATCGTCCCCATTGCGATCGAGCATGCGATAAATCTTCAGGATGTTGCTATCCGAATCT
GTACCCGAGAACTTATTACCTGTACCATCAAAGCACAGGACAAATTTCTTGGTCACATGA
TTCGGACGTCGCGATACTGCTCCGTAATCCATAGGGTTGTTGTTAGGTGTTTGTGCGGGA
AGCTGGGGTGAAACGCTAGGGAGGCGTGACTGCTCTGGGTTTATACGCGCCATACTGACA
ACGTGGAACTCGAGCAGGAAGGAGATTCTGAGAGGGTAGCAACTTCGTAGTTAGAACGAA
GCAGTTGCGAAGCATTAGGTAGCCAAGTGATTTCTATCATCGCGGGGATCGGATGCAGTG
GCCTAACACAACTGACGCATGCTCCCCTCCGGCCTGTTCCCAAAGCTTCCGAACGTATCA
AGTCACGTTAAGATATTGATCGCCATTGCTAATGCAGCTTGCAAAGACACTCGCCTATCG
ACATGTCGATGTCGCGTGTGGTGGGTTCGGAGTAGTCCCGCCGCTAATCAGGAGCCGCTG
ATCTTTTCGAAGTGCCGTCCGCCCTACAGAGGTCATTGATTTTGGAATGGCTGATACGAA
CTAGCTACCATGCACTGTTCCACGCCCCCACTTCAAGTATCTATGTAGATGATGTGGAAG
CAACACATATGTTGCAGCGTTGGCTGACAGGAGACACGACAGATGCACCGCACGCTGCCC
CGTCTTCTACCGTAGTTGATCGTGAAAAGAAATCTGGATAACCCTTTCACCACAATTGAG
CCAATGTCGTTTTCCGGCCACCATCCTGGCTGAAGGTAACCGATGCACGCAATGATACGC
GTTCCGACAGAGAAGCCCCGCAAGCTAATGCTGAGTGCGGTGCAGGGAATCACAATCGTG
TCAACTTCTATTGGTTTCATAAGCGTGCGCGTTCAACACAGCTGTGCCGATCAGAGGATA
GTTGCTGGTGTAGGTCTGCTCGCCGACATATGAGCTGGAAAAGCACGTCGCGTCGTTTAG
AGGTGGTTGGCGCTACCCTGCTAGCGATCACTTGTGGGTCATGGTCCGTGCAGAGCCGTC
TCGATTCCCGTCTTCTCGACTATCGATCGCACTTCCCACTCATCGCAACCACCACCGGCG
TCTTGGATGAACCGAACAGTAAACCTTACGGCTTCGGGACAGGCCGTAGGCCACAGACTG
CGGATGCTAGTACTTAGCTCGATACCGCACCCTACTCGGAGATTTGCAAGCTCGCGCTCC
AGTTGTTGACCGCCACCGCATCAGCTGAAACTCCATTTCGTTTGTTCACTCGCTAGCAGA
TGAATGCGCGACCAGCCGCCGGGAAATAGGATCGGTCAATTCCGGGCCCGCAAGCGCTAG
GGGTTTCTTCTACTACTCAGCCGAAGGCTGCTCAATCAGGATGCCGATCGCTTGAAAGTT
CATCTATGGCTTTCGTCTACGTCTCTGTTTGGAATGGTCGCAAGATCAGGTCGCCGTTTC
TGTCTATCACGTCGTCGACCGCCACCTGCGCAAAAGTGCACATCCAGTCTGGCATCAGAT
TACCAAAATCATACCACAACGGGTCCCCAGAGAATCACTGGGTGCTGAAGCCTGAAACGT
GGCAGGTGTACCCGTGCGGCATACACATTTCTTTTGAGCATGCTTCGTGATGTTACAAAA
ACCATCCATGGATCATCACAGGTGGGCCTCTCTAGTTCCATCCCCAATGGGGCCAATGGT
GCTGCTACGCTGTGGGTCCTATCGACGCTGCCCACAGATCGTCTCTTGGACTTACTCAAC
ACCCCTCTGTCAGTTCCCAGTGAAGGTAGCGCAGCATCCGTCTAGTGCTACCCTCCACGA
AGTAGCTCATGACCAATCAACACTCACATAATTGCAGCTATCAAAGCTTTGACAATATCA
AGATCAAGACGCTACTCTTTCCGCCCTGGTGCATGCATGGGTTCACCCGCCCTCACTGGA
AGCCGTAGGACACTGTTCGCCAAGTGCATATGCTGATCAACACACCGAAGCTGCTAGCGA
TCGTCGTCATGGGACTGGCTCGTCGCTGCTTGCCATGGCCAAGCTCTCGTGTGGGGAGCA
TTGCGCCTTCCAAGATCAACAGCAAGCTGCATTGAACTTACTTTCTGACTTCCCTACCGT
CGTGGGATTCATATTCTGCCCATTCCCTTCCTTTCCACATGGTTATTCGCACAACTATTC
ATCATGCCTAGTCAGATACAAACATTGATCGGAAAGATCAGGAGAAAGCCTACGCAAGCA
AGCGATGGCAGAACGGCGGAAGCCGCGAGCGGGCTGAAGAACCACCAGAAGACTGGCATT
GTCAGCGACATTAGAGGTCTCGGTGTTAAGGATGCCAAATTCGCTCTCGACGCTATTACA
ACATTGGCATCAGGCGAGCCTTTGGACGATAAAGATCTTCTTCTCGAGAAGGGAGTCCAG
ATGCTACAGGGACTGCCTCTGAACAGCGGTCTCAGCGCAAAAGTCTCAGACGGTTTTATT
AGCATGCTCTGGAATGACTTGCCCCACCCAACGCCTACACATGCTGGACCTTCAGCAAGA

TACCGGAAGCACGACGGCTCGGGAAACAATCCTCACAACCCTGAAATGGGCAAGGCAGGA
TCGCCGTATGCGCGCAACGTGCCTCCGACTAAACCGAAAGGTAAGTAATCCTCCCGTACG
ACAGACTTGCGAATTGGGACTGACAACTACTTGTAGGACCAAACTTGCCCGACGTTGAAG
ACGTGTATGAGGCGCTTCTCAAGCGCGATAGGCCTTTCCGCGAGCATCCTTCTGGCCTCA
ATCGCCTGTTCTTCTCTTTCGCAACTATCGTCATTCACGAATGTTTCCAAACCTCTAGGA
CAGACCCTTGGATCAACGAGACTTCGAGCTATGTTGACCTCAGCACCTTGTACGGCAACA
CAGAGAAAGAGCAGCCGCGCGTGCGAACGTACAAGAATGGCCTGATATATCCAGACTCTA
TCGCCTCGGAGCGCATCATGATGATGCCTCCTGGTGTAGTCGCTGTACTTTTGATGTTCT
CGAGGAACCACAACCATGTTGCGGAATCATTACTGTCAGTGAACGAGGACGGCAAATATA
AGCCGTGGGATAGTTTAGACGAAGCGGACAGAAAATGGTAAGTCTTAAACACCTTCCACT
CCCTAAATGGGTCTAACACGTTGTTAGGCAAGACGAGGACATCTTCCAGATTACTCGCAA
TATCAACGTTGGCTTCTTTGCTTCAGTCGTATTGAAAGACTACGTCGCTGCCATCTTGAA
CACCCCACGAGCCAACTCAGAATGGTCTCTCGATCTCGGTAAAGAGATCAAACAAGGTGG
TACACGTGTCGAGCGCGGAACTGGCAGTCATGTATCCGTGGAGTTCGCTGTTCTCTACCA
CTGGCATGCTGCTCTCAGTGCTGCCGACGAGAATTGGATGGAAGAAATCATCCGTTCCGT
TTTCCCCGACTTACGTCACATCGACGATGTAACAATCGAGATGTTCCACAAGGTTATGAA
GGTGTACGGTCACGACTTGATGAACAAGAAGCCCTGGGAATGGACCTTCGGAGGCCTTCA
GCGAGGAGCCGATGGCAGATTCAACGATGCTCAACTCTCAGAGCTGATCAAAGACTGTAT
CGAAGAACCTGCTCACGCTTTTGGTGCTCATGGTACACCAGCCAGTCTCAAGGTTGTCGA
TCTCATGGGTCAGTTACAAGCCCGTGAGATGTTCAATGTCTGCACACTCAACGAATTCCG
TCGGTATCTTAATCTGAAGCCGTACGAAACATTCGAGGATTGGTGCTCTGACAAAGAGAC
GGCGCGGGCAGCCGAGCTTTTGTATGGTCATATGGAGAATATGGAACTATACCCGGGATT
AATGGCTGAGTGCACGAAGCCCGCTATGCCAGGAAGTGGCGTTTGTCCCGGTCAAACAAC
TGGTCGAGGTATCTTGGACGATGCTGTTGCATTAGTTCGTGGTGACCGTTTCCTGAGCTA
CGACTTCAACAGTAACACTCTTACGCAGTGGGGTGCGGCTCTGCTGTCAGAGAGTACACC
AGGAGCATATGGCGGCGTATTTCCCAAGCTGCTCTTCCAGGGTCTCCCAGGTGGATTTAA
AGGAACTTCAAGCTACGCGCTGCTGCCCTTCTACACACCCAAAGCAGCCAAAGAGATTCT
CACAGGCAATAAGGTGGTTGAACAGTATGACCTCAGACGCCCTCCGAGCGATTACGACAT
CATCAGTGTCCAGACGCAAGAAGGTTGCAAGAAAGTGTTCAATGATCGTGAAAGCTTTGT
TGTCATGTACCAGGCAGCTATTCGCAACTGCACGGCTGGACATGACTTCATGATCGGATG
GGACGAGCAAAAGAAGCATGACGAGCGGTCCAAAATCCTGCATAAGGTCTTCTTCGAGGA
GGGTTTTGAGAAGAACATCGATGAGTTCTTCACGACCAACGTACGGAAACTCATCAAGCA
GAACTCACTTAAAGGCGCCAAGGGTAGAATGAGTATCGACATTGTTCGCGATGTTACCAA
CATCACGCCAATCCTCTGGCTTGCAGAGCGTTTTGCACTTCCGCTGAAGACACAAGAGCA
ACCTAGAGGGTTACTCTCTATCCACGAAGCGTTTCTCGCATATCTTGTTCTATGTAAGTT
ACAACACCAGCCATTTCCGATTACGAACAGCCTGCTAATCAACTGATAGTCATGTACCAA
TCCTTCAACATCATGCCACACAATGAGTGGAAACTGCGAGCAGGCGCGATGCAAGCCGCA
GCACCACTTCGCTCGATCTTCGAAACCCACCTGAAGACACAGACAGGGCGTCTTGAAGGC
TTGGTAGATTGGATGGCCAAGGGCTCCGCCTTTGAAGTAGGTCCACACGCCGACCGCATC
TACCACGCCCTTGCCGACACCAAGCTGCCCATTGGCGACTTGGTAGGCGACTGTATCGGC
ATGGGAGCACCCGTGGCCGGAAACCTGACCCAGCAAGCTAGTTTGCTAATCGACCTGTTC
CTCTCGCCCGGGTACGAAAAGTACAAGGCGCGAATCGTGGAACTGTCGCACATGGATCAT
GCAGAATCGGACCGCGAATTACAAGGTTTCGTTTACGAGGGAATGCGCCATGTGGGCGTG
GTTCCTGGTCTCCCTCGCGTCGCAACCAGAGATATCACTGTCAACGACGGTGCCCGTGGC
CCCGTGTCCATCAAAAAGGGTCACACGATCCTCATTGCCACGTCCAAGTCTGCCATGGAC
CCGGTTGCGTTCCCCAACCCTGAGATCATGAATCCCCACCGCCCATTTGAAGAGTACATT
CTACTCGGCCACGGTCTACATTTCTGCTTTGGCGCGCGTCTTGTCGGCCCCTCTCTCGCT
GCCACGCTTCGTGAAGTGTTCAAACTGCCAAATGTACGTCGCGCGCCCGGTAAGCAAGGC
CGTTTTACCGTTACCGAGCATAAACTCGCGGGCATCACGATGCGGCATTATCTCGATTCT
AATTCAAAGGAGAGTCCTATTCCGACAAGTCTGCGTCTACATTACGATAGCGAGGATGTT
GTTGCTAATGGACTGAATGGCCATGCCACCACGGGCGGGCTTACAAACGGACATACGAAT
GGGCTGGCTAATGGCCATGTGAACTATGCCTCTAATGGGCATGCAAACGCTGGTGGCGAT
AATGAGCATGGGAATGCTTATACGATTGCGCCTTAGGAAGGTCCAGGACCGGATCCGCGT
CCGGGTCCAAGTCGTCCGTCGGTGTTGTCGTGGTCGCTGTCCTCGAGTTCAAGCGATCTG
CGAAGACGATCGGCTGGAGTGTTCTGTTGTAGGAGTGCAAGAGAGTAGGGTGTTGAAAAG
TGGGAGAGACAAGATAGCATAAGAGACGAAGGAGGAGGGGAGTTCATACGTTAAATTGTT
CGCTAATCCTCATCGTGATGATACCACTGGACGTTTAGTTTGGCTTTAGTCCTAGCGTAG
TAAAATTGATTTGCTGCATGCTTACCTAGCTGAACCTCCAGTCTTGCGTGATATATATTG
TGATCTAGGAGATAAGGGAATGATCGAAGTGAAGCATACTAGCAACACCATGTTTCGTGC
TCTCTGCTCCCGATCCTCGCCTTAACAGTATCTTGCCACCAGTCAACAGGGTATCAAACA
GCGCAATCAACGGATCAAGCATCACGTGCTTGATTGATGCCAACTCCAATTCTACTAGCC
CAGTACTCTTTGTTCGAGGTTGTCGATGTATATAAAACACTACAGCCACGAATGAAACCA
TAAGATACTATGGTCCGTTCTTTCTCTCTCATAAACGAGCTCCAGAAAGAATGTCATAAC
AAACAAAACACACCGGGTAAAACATTCTATTTTGCTGGTGAAAAATCCTCCGACAGCCAT
ACATGTCACACATAACGCCATGCTTCCCAATCCAACATATTGATACACAAAATCTCCTCG
TCCTGCAAAAAGAACAAGAAACCAAGACTGGAACAGCCTAAGAGACCCACATAATGATCT
ACGCCATCCTAGGCAAAGGTGGAAGGGTATTAGAATCCCACCTCCTCTCACCCTCCATAT
CAACATCGTCATCGCTATCCTCAGCACTCTCATCCTCTAACGCCTCCCTCCTCTCCATCT

CATCCACATCCATCAAGTCGCCATCCTCGTCCTCGTCATCCTCATCTTCACTGCCGATAA
CAGGTCGCCCTTCATTAACGTCTGGTAGCCCACTGCCCCTCTCCCCCTTGAGCCTCCTTC
TAGACCCACTCTTTCCACCTCCTTCCCAGCGATCTAGACGACGCAGCGCCCTACTAAGCA
TCTTGGCGCGGTAGTAAGATTCCTCGCCGTGGTCGTTGACTTCGCCGCCAAAATCCAAGG
GAACGAGACCAGAGGGCATGGGCGGCGGGGTCTTGGTACCGAGTTCGTAGTCGGAGAGTT
GGGCGTATTGCGCATGCGATTCTTCATCTGTATCGTAGCCATCTGCCATGCCTTTGCAGC
GGATCCAGCTGCGTATGAAGGGGTTGGCTTTGCGGCGGCGTTTTGCGGCGGCGGCGTATT
CGATGCGAATTCCGCGGTCGAGGATGACGTCTACGCGCCGTCGTCGGTATTGCTCGACGG
CGAGTTGGTGTTGTGTGAGGGGACGGGTTCGTTTGTGCGACGGATCGGAGCCGTTGAGTG
GGAGGTAGAAGCCGTGTGGGCCGTTGAAGGTGGGCGCAGATGTAGAGGGGGATTGGCCGT
CCTGCGAGGTTGGTGCGTCGAGTTTGGTCTTGAAGCTTCGTGCTGCTGGTGTTCCTCCGG
CGCCTATGCCTGATGTGCGGTTGCGGGACCAGTTCCCGCGGCCAGGGCCCTTGGCTGCGG
GAGATGAGGCGGGGCCGTCTTCGTTAAGGAGGGTATTTATGCGCATGTTGGGCGTAGCCA
CCTTCTTCGCTGTATTGTAGACGCTGTTAGGAGGTGATGCTGAGCGGGTTCGGTCGGTGT
CTGAGGGGTAATCTCGATCGATGATGGATTTGGCAAGCTTGCCACGTCCTCGTGCAGAGC
CTGTTGATGTTAGAAGACTACCGCCTCAGGAGTCAAATCTATGGAACTTACCATGGGATG
GCGACTGTCTGTCACGCCCAGGTGTCGAAGCACCGTCATCGGCGGCTATTGAGAAGACGG
GGTTTTGATTGAAGCCTTGAGAAATGTTAGAATTGGTCCGACGTGGGGCGAAACGCATGC
CGGTTGGAGTGCTCACCCTTTTTGTTGGTCCGTTTGGGGCCTGTGACGACGGGCGCCATG
TCGCTTGCCAATATAGCAGTCCTCTCTTTGCGCTTAATCTCACCAAATGTCTTCTCTTCG
ACCGAATCGACGTTCTCCAGGGCCTCTTGCTCGGGCGAAAGTATCTCGAAAGGCGGACAC
TTGATGGGAAACTCGGCTGTAGTCGGGTCGTCGGCGGGTCCCATCTGGCCAGGGCCAAAG
GGATTCTTCTCAGCGGCTTCCTTGGTGAAGTCGCTCTCGAGATACCACCACATGAGCCAT
AGGAAGGCTGTGGCTCTACTCTTGCTGCTCAGGTTAGAGCGCATGACGAGGTCGAAGAAA
TCGCGAGGCGGGAAGAAGTGCAACTCCGAGATCTTGGGCGCGTATTGCGACAGGACAAAG
ATGAGGTTGACGGGGTTGGTGCGCGGGATGGAAGCTGCCATGATCTCCTCGATGGTGCTG
GGCTGCTCTTGGTCCTCAGTCGCGCCCTTGAGGATGGACTTTAAGCGCGGCGCATCCTGC
AGCTGTTTGTAGGCGTTGGGGTCTTGGTGGGCTTGGAGGGAGGGGATGGAGTGGTAGGTC
CGTAGCTGGGCGCGCATCTCGGGGAAGACTGTGACGTGTTAGAGGAGAGGGGTCAAGAGT
CGCACATGTGGCCTACAGTTGAGGGTGGTGTTCATGCGGCCGACGTTGACGAGCAGACAC
ACCATGGCCATGTTGATGGCAGCCGGGCGCTCGGTCAGAAGCTTGTCCTTGAGGATCTTG
CTGCACTTGCTGCTCTTGGCCATGGCATCGAGGTAGATGTCGGCAAACGTGTGTCCGCTG
GTGCTGTCCGACTGCTTGGTGAAGACGCGCTTGTCGTCCTCGAAGACGAGCTTGAGGAAG
TCGAACTGGATGTCCTTGCGCCACAGGGGAATGCCATCGTCCTTCTTGAGGTGCTTGATC
TTGTTCCCGCTGTAGACGGACGACACGCTCCCGTTGGCATTGCGGCGCGTCGTCGTTGTC
GTGGCCGTGTAGTAGGGCCGGGCAGGGTCGTTGTCGTTGGCTGGGCGCGAGGCATCTGGC
GCATCGCCGCCCGCTTCGCTCTCGTCGGGGACGGGCGTGTTTGCTTGGGATGCGTCGGGC
TTGGAGTCGTCCATTTGGGGGTCTGCGGCCAGAATGTGTCGTAGGCTGTTTCGAGAGTCG
GGCTCGTCGGCGCGCAGAGGCAGAGGCTTGTCGTCCATGACTGTGACGCGATCCGGGGAT
TAGCTCTGGGTGCTCTGTGTCTGGTTCCACTAGTCGTGCCTGTGCTGGTTGCGCTGTGGG
ATGGGATTGGCCCTATGACGCCTGAGCTCGCGACCTGGCTTGCTATCCCTGTGCCGCCAG
ACTTGTGTCTCAAACAAGCAAATACGTCAATCGCAAAGGAGGAAGATGCGGCCATGTCCC
GAATGCGCCTCGACGCCCAAGCTCAGCCGCTAGCCCCCCGAACCAACGCATGTCGCTCGA
CGCCATCCCATCACGAACCTCACACGTTTGCAGACAGACTTCATCTCGACGACACAAACA
CCATGACTTCAAACGTCCTTGCAAGATTCAATTCGTTTTCCATCTGTAGTAGCTAGATAC
TCTACTTGCATAGCCAACCAGCCGCTCAGATGCCCAATACAAGAACCCTCATCTAGCATG
TCCACGCCAAACATGTAACAAAAAAGTAACCAGGATATCTCAGCGAAGGTAGAAACCAAA
AACACATCGCAAAAAAGCGCCACGCTAAAGCCAAAGCCAAGCTGCCGCACAAACAATCCG
AAGAGGGCGATGGGGTATGCAACACAGAGAAAAAGCAGACACACAACTCCTCGCGAGTCG
TTTGTTTGCTTTCCCTGTCCATAAAAACGCCTGGTATCGCTGGGGAAAATATCTCCGTTA
CAAGACATGCGCAGGAAAAACAAAGGAAGAACCAAACCAAGCCCAAAGTAAAACCAAAGA
TCCAGTCCGTGGTCCTGAATTAAGAATCCAAAAATTAAACACAAATCTTGGTATACACAT
CCCTTCATGTATCGTTGTTCGTTGTTCGCCGGCCTAGTCCGAGTCCAAGGCTTGCTTCAA
CTCAGTCGAATGCCGTTTCTTCTCGTACCATTAGGGGGTTGGGCGTGTTGTTTTGCGAGT
ACATTCGTGGATCGTATCGTCCATCTCCGCGTTGTTGCGCGTTCGGTCCACCCGAGCCTT
TGCGTTGGCCACCCATGCCCATGTTCATGAGGAGCATGCCACTCTCTCGTTTTCGTTGCC
GTTGTTCGCGCGCTCCACTCGACTGTACCACTCCATTCAAGCTACCGTAGCCCTCTCCAG
AATTATAAGGTTGATCGTAGGCTGGGGTGTCGTAGCTGGGGCGCATCGGAATGAAGCCTG
AGTCGTAGCCACTATATTGACCCTGCTGTTGTTGGTTACTGTATTGCTGCTGTTGCTGTT
GCTGATATTGCTGTGGAGGTTGCGGAGGTGGATAGTTGGGAGCGCTGTTTCCTTGGTAGC
CTTGAGGCGGTCGATCCATACGCTGCTGGAACGTTGTCTCGTTGTACGCAGGCGTTGGGA
GATCAGAAAACATCTGCCTCCTTGGGGATCGAATAGCATCGTCACCTAAATGAGACGTGT
TATTCCGAATCTCGTGGATCGGAGAGCTGGCTTCGTCAAGAGCAGCACCAAAAATGTCGG
TATAATCAGTAAGGAAGAAAGATATCAACGGAGCTGGGATGTTCAGAGTTGGTGCAAACA
CTATGCCGACGTTTCGCACTGTCATCTTGTTCACTCCCGAGTTGTCCACAATCTCAATCA
GGAACGATGCGAGGTGTCGCAACAGCTCGAAGTTGGGCCTAGGGAGTTTGTGTACAAGAA
CGTTGAAGCTCTGAATCTTCTTGCTACGCTCGTCCATGTCTACGATGTGTTAGCGAACTA
TCTATTTTCATCAATTTCAAGGCCAAATACTTACCGAGAACCTTGAGGAAATCAAGATGC

AGTTCCCGAGTTAGAACAGAGGCCGGTAGTTCCCGTAAGTACAACTTCAGTAACGACGCA
ACAGCGTGAACATCGTAGTATTGCCCGTCCAGCAGCTTGATATCGCCTTCGTTGTTGAAT
CGATCGCGTAGGCCCTTAATGACAATGTTCGACCCACTAAGCCTGAAGATGCCTTCTTCG
CTAATCGCCTTCTTTGCTCGGAGGTACTCCAAGCACCTGTAAACGACAGCTGGTATCGCC
ACATTGACTCCATCAGGCTGTGTGAACTCTACAGCTTCCATAAGTGGGATGCCAAAAACA
CTGCGGCCCGGGGGTAGACGATGTTCCGTGGTTGACTGCAGTGGGGTGCTGATTTGTACT
GGCGCAAGGTCGGAAGAACCGCCGCGACCTCTGAAGCCGAATATGCTGCGTTTCTTATCC
TTGACTGCCGTGGGTCCCGCCATTAGCTTGCTGCCCCAGCTTTCAGAGTCCTTGATTGGG
GTTCCATTGCTGGGTCCAGAGATGGCAGGATAGTGACCTGAGTTGTCTTGGTGGAAGGAT
GATTCCTTGGGGGAGCCTCGTGAAGCCTTTTCCACCATCATGTCTCTGTGGTTGGGACCG
CGAACAGGCGCTTGAGCTTGAACGGCGTCATCATAGCTGAGGCCTTGTAAGCGATCTTGC
TCTGCCACATCAGGGCTGTCTCTCCGCTGCGAGCGCGTTGAGTCTTGACTGGCCTGTGGC
TTTTGTAAACGTGTGGCAGAGGGGACACGAATCTCGATTGGTGAAGTTTCATCTGGTATG
TCGACGTGCTGCAAAAGCGCCTCAACCCAAGCATCTCGCTCTTCATCGTTCTCTGCACAC
AGCACATGGCGAACTAAGCTTGTCGAGTCTTTCCGCTTTGGTTCCAAAATGAGGAAGGCA
TGTCGATATTGATTGTCCTCGGAGTCATCCTTTCGTTGTGGCGATTGGTTTGACTGCTGT
TGTGACTGTTTCCCAATTTGTGCATTCTGCAACTTGATCGTTCCCAGATGCGCACCACCT
TCGCCCTCGAAGTACCTAAACTCTGAGCCGTCCAGAACGAAGAAACGTGCCTTCCAGCCC
CCGAAGTTCTTGCCACGCTTAGTAAGGTAACCGACCTTGCGCTGCGTTCTCTGAACAGAC
ACCGTTGGACCCGGTGTGGGCTCGGGGGCCAGTCTGTCACCAGCTTGTGCGCCAATGACG
TCAGTGGAAAGATATTCGCACACAATCAAGGCTGTCTTTTCGTTCATAGGGGTTTCTAGA
ACAGTATCGAAATATTGGTTCAGCGCGACCCTTCGAGCATCAATCTTGGCAGGAGCATGA
CCCCCGAAAAGACCACGATCTGGGAGTTGTCCCTGGAAATCGCACATGGACCTCAGCTGG
GAGTCTAGAGAGGGTAGCGTGGCAATCGTTTTCTCCACACGCCATAGCTGTTTGTTGTCT
GAACGAGCGTAGACGGCGAGAATGAAGACAGGGTCCTCCTCCTGTGGTTTAGGAGCTAGC
ATGCTCATACGTGACGGCCGAAGGCGGGACGAGAAGACCTTGACTTGAATAGAAGGTAGT
GCGTTGGGAGGGAGCAAGAGTCCAGGGTACTGATCAGAGACGAGTCCACGATAGACATGC
TCTGCATCCGGAACATCGTTCAAAGTAGGGCTACTTGATGGCGATTCTGGACTAGGTTGC
GCACCTGGTACTGTCAAGAGGCCTGTAGACGACTCTTTGCGGAGCTGATTAGAATGTTGA
CTCTGGTTGACTGGAGGTGACTGGTAAGACTGAGGTGTGTTTGGCGGGAGAGGAACTTGT
TGCTGTACCGGCCGTCCAGCTGATTGACTGGTAGTAGTTGGCGACATGGGCGGTGATGCT
ATCGACTGCTTAGGGTTTCTTGGTAATGGTGACCCTAGTGGCCTATCGGTAGGTCTGGGG
CTGGAAGGAAGTCCTGGACTCATAAGTGGCGATGCAACACTCCGGTTGGCCATCATAGAA
CTATCCGAGTTGGCAGGGCTGAGAAGAGCATTGAGAGAGTTAGCAGGTGGGTGACGGGGA
GAGAGTGGAAGGCCCGATTGCAGCGCATTGAACTGACGCGGCGAAAGGGGAACCGGGACC
GCCTGAGGTTGATCGCCTGCTGGTGTTTCAGATGGCGTCGCTTGTTGTTTGCTCTTGCTT
TCGCTTTTCTTCTTCTTCGACTTGCTTCTAGCTTCCTCGTCTTTCGAATACATAGCTTCG
CGGACTCGATCATCTTCCTCCCGAGTCTTCCTCCTTCCTCGCAGCTCCACAACAGGTATC
TCGTCCACTTCCAATGTATCATCGTAGTCTGAATCAACATCGTCGCCATGCACAGCTTGG
TGGAGATGTGCGCTAGTCGTAATGGGTTTCGAGAGGTTGAGCGGAGCTGGCGGGGCCTTA
CGCAGAGGTTGTGGAGTCTTTCTGGGAGGTGATTCGAAACCGTCACCACCAATGACAGGC
GTGGCCTGGATCAGCGATATCTGTGGAGGCTGGAGCTGTGAATCACTTGGGACTATCGTC
ACATCTGAGTTATTCTGGGGAGGCGTAGTCGGCTTCGAGGCCTGTTCTGGAGGTTGAACA
GCATCACCGGGCTGCAGCAATGTGGCGTCGAGGCCGAGACCTTTGCTACCAAGGCTAAGG
GGTTGTACGGAATAGTCAGTGGGCGAGTTCACAGCTGACGACAGATTCGATGCGGTGGAG
TGAGACGGCGAGGTCGCTAATTGCGAGTCTGGTATGAGATGTGGCGCGGGGTGCTCTTGT
GTCAAGGGCGATGTCTTGTGCTCCCCGGCTTTGGAGTCGCTGGGCCTAGCGGGCTCGCCA
GCTGGCTCACTGAGGGCTGGCGACTGGCTAGTCTCGCGTTCCACGACCGAGTCGAAAGTG
TCGGACTTCTGTAGTGAGCCAGGACCTGGTGGTACCTGTTCAGCATACTCCTTGAACTTC
CTGCGGTAGCGGTCCTTGTCCTTCAATGCGCGCTCGAGATCTTTCTGCAGCCCAATGATC
ATGGACCGTTGCTTCTCGACCAGCCGCCAGAGCTGCGCATTGTGACTGGATGTGTTCTGC
TTCTCCTTCCACAATGCCAGCATCGCAGCCTCTGGTGAGCCTGCCGTGGCTATCAGAGCG
GCCATATCTGGTGGGTTCGCCGTGCTCGTATCTTGCGACGGTCGCGTCGCATGGTTGGCA
GGAGGGCGGTTCTGAGAGGCGGTCGAAGATAGCGACGATGCTGCTGAATCTATTGAAGGG
TTGCGGACAGGCACCGTCGGTCTCGTCTCAGGTCGGTTCGGCCGCGATGGTGGAGGCATG
GTGACGGGTGACGCTGGTGGGGAAATTCCAGCCGAGGACAGCGTGGGTGACGACACCTGC
CGGAGTTTTGCATACGCAGACGGCCTCGAAGGCTGCGTGAAATTTGGGGTGGGAACGTTG
GGTGGTGTAGGCGGATGCGCTGGCTTGGTTGGGCGAATGGGCGAGGTATGATGTTGCTCC
TCCGCAAGCAATGCGTCAAGCTTCTCGCGCGGACTGCGCGGTTCGTCAAAGCGTGGTGAG
TCTTGATAGGACGACTGCTGATATGAGAGCCCGTTATTGCCAGCTGGGTACAACGGACTC
GGGACGGGCTTGCGACGTGCTCGGATTTGGTGTTGCTCGTCCGCAGTGGCCGGCACGTTG
TGTGGGCGCGTCGAATCGTCGCGAAGGCTGCGAATACTCTCGACGAGCGACGGCGAGGAT
AGAGAGTGGGAAGGCGACGACGGCTGGTGCTGAGGGATGTGATGTGCCGCTGGTCTTTCC
TGAAGCATATGCATGTCTGTATTCGTCGCCGCCATGTTCAAGTCTCAAACGGGCTAGCCG
ACGACCGGGATATCTGGTCGACAGTATAGCAGATAGTTAGTGGGGATTAGTGTTTCGGTG
ACGCTCTGAGTGTCTGGTGAATCCAAAGCTGCCACGCTCAGCAGTCTCGTCAGCATCTGG
GCGTCCCGCGCAGCTTGAGACAAGTCTCCGTCAGAAGGAGCAGCCGGAACAGAAGAGATT
TGGGCTTGTAGACTGGTGGATTCTCATTCGGCGCCATAACCGCCCTTGTAGGAGCCGGGC

CAAATTCAAGCCTGGTTCCTGCAGCAGAAGCGAGCCCTGGAGCCCTTTGTCTCCATGATC
GCCTCCGTAGGCCTTGATGGCTGCGTCCCCTCACGTTTGAGATATGCCCAAAGCCATTTG
CATCCTAGTCGACTACATGCCGGTGTAGGCGCCAAAAGTGTGCTTTGGGCTTCCCATTGG
TCTAGCCCTGTGGCTTGCTAGCCGTAATCATCGATGAGCCATCATCCACTGACGGTCTTA
TGCAGAAACGACATGTCCGCGTGGTCTACTGTCGCTGGTGCCCGCAGTCAAGCTGACAGA
AGCCTGACGAGCCGAATTTTGCAAAATACCCACCCATTGGCTGGAAAGTAGATGATTTGA
CATACGAGTCTTGAGGGTGTATTGGCTCGACGGCTCAGTAATTTGCGATTCATGGTAGAC
TCGAAGGTGCATTTCCGCCAGACATCTGGCCGTCAATTGGGTCCACGGGTCGTAATCATG
TCTCTGGCGCACGGATAGCGTTCGAGTTCAAGGGCTGGGTCGCTGCAGCGAGAAGGATTC
TCCAGGCCGAATCGAGGTTAGGCCTGTCGATCAGCTGCCATTGGCCCAATCCCTCGTGGC
TGAATCAGCCGCAAGTCATAAACTTTCAAAGACGAACGCTGTCCG

>TAS1Magnaportheoryzae[translate_table:standard]
MSVRPLPFLTGPAPSPDTAAGFKPSPPTGNLVSVSPLSKAQMALWFDYLQ
HPTSTHYFLTLKVELDKQPLSLDKIIQVIRGLGKQHAMLRTTFHVDTDTD
DMSKSYMAVHDDSWDQEIHVLMNDAQLYEALRKPFQLSSESPVRWVVQMK
LQPGSARSTYTVYAAGHHIGVDGASMSVLSNQLLEAVASEVEDQPDHSGP
HYGDYIQRQARYLRSSAGAAAGRFWLSQLRHTQPFRWRMEPPEEINTPNY
RQLDTWNFFPTAEIQEWGNLYKTSWFRVATSIVGLVTAAMAEPQAHHDHA
LMVAFGARPRGFENNVSHMANTMPVKFPLSSLLRDDATFSDAVKAMGRNV
STAKKHENFPFMSLMEQANRHMDPTLLDFKVAITYSPKLANKSCELFPVE
GIWDLFFCFLEQEDGVALGVISNPRVFGAEALGQLQSLFNEVFALSKARP
SFKLSDLAFLQNRTPARFISGPALDDVESISKSRVYRLIKARAASQPDLV
ALMSAEKGVQMTYRELAAQSSQVAHFLQKQRLCKGDAVLVHLERGFAQIV
WILGVMEAGACYVALDKTWPAARKEAILRTANGKLLVTDDEQMDFEKQDT
TVVFLAPSAAEIASMPQSTCECEVADDDLAYVVFTSGSTGQPKGVMVEHS
NLSHYVSATRSLVKTGPHSRMLQLASFAFDAIVLEYAVTLAHGGTLCFAN
HPEVLVGEYLADVIDSNQVNFFHCTPSVLSTLPAGRRLPSLRIVSVGGEA
SPPGLLDHWRKRVELLHAYGPTECTVICTLESLTQDESTQTAIDATVIGK
ALPNLDIRICEEGKLEPLAPNQVGEICVVGPQVSRGYMGQEELTASKFHN
ITLADGHPSRLYRTGDKGFIDDDGKLHIQGRIGNREIKVRGYRLDLYEVE
KNVMAFDPEVTQVSIQQVGESLVALVVPASIDCDRIRSKLLKDMPRYAVP
TRFIRVASLPLNTNGKIDHTQASSLAAELVMHDTVLPTVDATPTPTAAVR
AVGVTEENLRLKTKENGMERQEMLRRHLTAEVTALWAKLLGSSRQFDPEV
GFFDAGGHSLLLTQLHKLIKERFGTGSRPSLLDIFSMSSIRKQVDCLMGI
VDQDAMLGSEPTGGSSSRSQSRRSAETSSSSTSAPSSVPVDAERNLYAIV
GISCRFPGANTAEQLWNVLMEQRDAITTFCPAENLGFALEENSVFVPRYG
MIDALKDFEPSAYSMSDAEAQTIDPQKRVFLDVAADALADAGTSASPGNP
LDPVGVFVGAATNTFLSSRDNPGSKPPGDEEPQSFANHYQQLLDCPIGTF
ASFKLNLTGPVVTLNTACSSALAALHLACASLSHGDCNAAVVGGVSMAYP
QEGGYVTARPGGDSSAVFSPSGVCHPLDSRADGCVPADGAAALVIKRLAD
ARADGCRVYAVIEGVAVSADGSDDKAGLGVPSSSGQSRTVEAALRRAGPQ
ALSRLRYVEMHGSGTPWGDALEVQGLKMAFDRLSKTGAAEQSGTGRAQPE
ADRIYLGSNKGNCGNTEAASGLLSLIKASMALNLGVVPPLPNLAEPNPKC
EFEETKFEPLGKQLALAPGDRVGVTSLGYGGSNAHVVLASAQLFGVEQKA
FF>AL_scaffold88_6305 locus=scaffold88:63244:68269:+ [translate_table:
standard]
MSLEPMPFLSGPVASNAGPHEHRDPPSDIVSVIPLSKVQQALWLDYLVRP
HVSHYHLRLEIDVSYLNPSLEKILQVIQTLGNNHQMLRTTFHLDGDNQVN
RPFMAVHSQDTSVQRFEIINDEARLSSSLRRGFNLSAEFPVRWVIHHSVI
FEAGNLQTKCKLFAIGHHIAVDGFSLSILSKEILQRLDVQTQHPVAEQSS
LSYGEYVQRQDAYLRSVSGRTAKEFWLSQVMHTSPFSWRVAPPVRTTADY
RRMHTWAFFSNEQLQKWSELYKTSWFRVASTVVSLVTDGNAEPAPHHDRA
LFVAFGARPKEFQNCVSHMANTMPVKVPLARLLQDNATFLEAVKAFGKNL
STAKKHEMYPFLSLIEEARKKMDERQLNFKVAVTFSPKLASKACSIYPVE
GVWDLFFCFLEHDDGVSLGVIANPDVFGNEAMARLQAEFITTAKLSQQDN
SFRLRDLPFFRDRGVASITNGPAVEDVETISSSRVHLWIKQRAAEQPNTI
ALSTAERNETMTYRELAERSSQVAHYLVANGVSSGEGVLLHIARGFNTVV
WLLGILEAGAYYVMLDRKLPDKRKAAIAATSEARFLVTDDFKIQQVLSDL
AITVVSLDVVDREIQTQPMTTLDSTTKDNDLAYIVFTSGSTGQPKGVMVE
QSNLSHYVSATSSVVKIGTGSRVLQFATFAFDASVLEWAVTLSYGATLCF
VDHPELLVGDYLATVIDKNEVNFFHTTPSVLATIPTDRYLASLRMISVGG
EPSSAGLLGKWRQRSQLLHAFGPTETTVIVTVEVIGEDQRSDAPLPSPSK
IGKPFPNSRILICADDNNDELPTGDHGEICIAGPQVSRGYIGQTELTQKH
FHTIQLDGHNTRMYRTGDRGFLDADGKLCIGGRMKNREIKLRGYRMDLYE
IEKSILDNSPEVQVASVQVHADSLVAFVVPETAPCDVIRGRLALEVPSYS
LPARFFAVRSLPLNSNGKIDHAQISEQLESLLASSPKTSPAQKKIPSTNS
KSIESGAFSSRRKSVSKVLRDLWTQTLRLTSPPSSDISFFEAGGHSITLI
ELHKRIISRFPGCEISLLDIFQAPTIEKQAACLAGKMEVSEHRPPFSESY
YGSSSDSESDSEAPTAATSLSNSLDLDDNKFAIVGLAGYFPGAVDVDSFW
QMIINGKTAVKSHDEVVAPSDMAEDEIFVPRYGSMPDLPPVTAGAWNMTP
EEAGLTDPQKLLFLSIASEALADARIPITKGVPNPTGVFIGSAHNTHKDA
PNTPLPADSFQARHRTLLDPPISTFTAYKLNLTGPNATLNTACSSALVAL
QHALSALRAGECPAALVGGVTVAFPQLGGYVTAPGQVFSPTGHCRPLDAA
ADGSVPADAVAAVVVKTLSAARRDNDAVYAVIEGCATGSDGSVDKVGFTV
PSSTGQARTVAKAIRTAGVAPEAFRYVELHGSGTSMGDALEVSGLEQALD
QVQQPGEVNGCVVHVGSNKGAFGNTEAASGMLSLIKMALAISNGFIPPMP
KLNALNPMCNFEGRLRPLVGQLKLAQDDRVGVTSLGYGGTNAHTVLCAAE
AHGVQKRLRSA
>AA_scaffold3_8872 locus=scaffold3:2239018:2244043:- [translate_table:

standard]
MSLEPMPFLSGPIASNAGPHEHRDPPSDIVSVIPLSKVQQALWLDYLVRP
HVSHYHLRLEIDVSYLNPSLEKILQVIQTLGNNHQMLRTTFHLDGDNQVN
RPFMAVHSQDTSVQRFEIINDEARLSSSLRCGFNLSAEFPDAYLRSVSGR
TAKEFWLSQVMHTSPFSWRVAPPVRTTADYRRMHTWAFFPNEQLQKWSEL
YKTSRFRVASTVVSLVTDGNAEPAPHHDRVLFVAFGARPKEFQNCVSHMA
NTDNATFLEAVKAFGKNLSTAKKHEMYPFLSLIEEARKKMDGRQLNFKVI
ANPDVFGDEAMAKLQAEFITTAKLSQQDNSFRLRDLPFFRDRGVASITNG
PAVEDVETISSSRVHFWIKQRAAEQPNTIALSSAERNETMTYRELAERSS
QVAHYLVANGVSSGEGVLLHIARGFNTVVWLLGILEAGAYYVMLDRKLPD
KRKSAIATTSEARFLVTDDFKIQQVLSDLAITVVSLDVVDREIQTQPMTT
LDIVFTSGSTGQPKGVMVEQSNLSHYVSATSSVVKIGPGSRVLQFATFAF
DASVLEWAVTLSYGATLCFVDHPELLVGDYLATVIDKNEVNFFHTTPSVL
ATIPTDRYLASLRMISVGGEPSSAGLLRKWRQRSQLLHAFGPTETTVIVT
VEVIGEDQRSDAPLPSPSKIGKPFPNSRILICADDNNDELPTGEHGEICI
AGPQVSRGYIGQTELTQKHFHTIQLDGHNTRMYRTGDRGFLDADGKLCIG
GRMKNREIKLRGYRMDLYEIEKSILDNSPEVQVASVQVHADSLVAFVVPE
TAPCDVIRGRLALEVPSYSLPARFFAVRSLPLSSNGKIDHAQVSEQLESL
LASSPKTSPAQKEISSTNSKPVESGASSSRRKSVSKVLRDLWTQTLRLTS
PPSTDISFFEAGGHSITLIELHKRIISRFSGCEISLLDIFQAPTIEKQAA
CLAGKMEVSEQRPPFSESNYGSSSDSDSGSKAPTAATSLSNSLDLDDNKF
AIMIINGKTAVKSHDEVVAPSDMAEDEIFVPRYGSMPDLPPVTAGAWNMT
PEEAGLTDPQKLLFLSIASEALADARIPITKGVPNPTGVFIGSAHNTHKD
APNTPLPADSFQARHRTLLDPPISTFTAYKLNLTGPNATLNTACSSALVA
LQHALSALRAGECPAALVGGVTVAFPQLGGYVTAPGQVFSPTGHCRPLDA
ASDGSVPADAVAAVVVKTLSAARRDNDAVYAVIEGCATGSDGSVDKVGFT
VPSSTGQARTVAKAIRSAGVAPEAFRYVELHGSGTSMGDALEVTGLEQAL
DQVQQPGEVEGCVVHVGSNKGAFGNTEAASGMLSLIKMALAISNGFIPPM
PKLNALNPMCDFDGRLRPLVGQLKLAQDDRVGVTSLGYEGTNAHTVLCAA
EAHGVQKRLRSA
>gi|395617379|gb|AFN68299.1|polyketidesynthasePksH[Alternariaalternata]
MLYQSTNGTNGINGFHDRNGDNNVHGTNGHRSGDVQSTNSDDMSNSIAIVGISCKFGGAASNLDGLWHTL
ANGESCWSPIPKSRFDVSNTYHPDPLRTDSLHVKGGFFIDEDLTKFDAPFFNLTADAAKAMDPQLRLLLE
GVYQATEDAGIPTEKLSGSNTSVFSASFGRDYTEMLMKDAEALPTSLVTGNGPAMFANRVSHFYNLRGPS
VTVDTGCSGGLVALHMGVNSIRNRESDVSIVGASNAILNQDFFITISNLGLLHEDGQCYSMDHRWGGYGR
GEGMAVLVLKKFSAAVKDGDHIHAVIRESAVNQDGRTGTITSPSMDAQRSLIQQCYSRAGIDLASTGYVE
AHLTGTGGDAIEAEALARTFGKSREACDPVWVGSVKSNIGHTEPVSGLAAVIKAALILRHKQIPANVTFE
KANPNIPLQDWKLRVPTSLTPWPRDKPLRISVNNFGYGGTNAHLILDAPPGPDIPHKHASSNGNGESVNG
NAGNGVDHRPHRSTEAPSLVYILSTRDEAGTVKRSKDLAKYMRNALHSGEAPSPDDLAYTLSERRSRLPW
IIAVKARSLEQLAEILEDPRRQPIRASSSPVRIGYVFNGQGAQWYAMGRELMSTSEVFSSSIDQAETHLR
AFGALWSLREELLRDARSTKVHEVELSQPLSVVVQLCLVDLLRSWNITPSAVVSHSSGEIAAAYAAGVLS
FQEAVGVVYHRGRLAKKYQKLAALSGGMMAVGLGVEEVQEYLSDVSSKGRVVVACINSPSSVTISGDLDA
LEEVATRLEADDVFARKLKVPLAYHSHHMEFMAEEYQSCLEEVLGPIQEGRLDVTFASPVTGGIITSRSA
FSAAHWVRNLTSPVLFSSALESMVFGSAEVHSEPRTLPASSRQVSVFLEIGAHDTLSGPVRQTLRETRIP
YLSCLKRPLNAVDTMQDVACALVARGYPVHLVAVNKRRSTLSHQPKYVSNLPEYPWNHQTAYKLEPRASE
EHRLKRFKPHELLGRLIPGTNPISPTWRNFLRTTDIPWLVDHQLESSVVLPGAGYVSMAIEAMRLFKGNH
SQDAAGLQYHLRDVDIVNALMIPHTSSSSSRGIEIHFSLRPCSDKDLDSTDWYEFELWSVSAKHSWIQHC
KGGISAKAANSSRLLETSKIMSGLEPSRLEHTKNIEPETLYQRLRDSGFQHGPTFQNIISSRVAGERSET
EFSVAPAAFEREQQYVIHPTTLDSIFQCCYATLPVDLTKDAMFIPRSIRRVTVPSQLGTHASQRLFANLN
CLSSSPKGSLFEGLVYAAGDDESVVAGEPQTATFEIEQFRLQRVTQAATTAQDAKASHPPIHSKSRWELD
INYTVPDGIRESMKIFLTQPELAFARNVREVAYHHIARALEQLGAKADDKWTWYHKRFFEWMGAVIQVAD
NGTLMSGSDSWSRRSETFIQSLCLEVASANASGEMVHRIGKHLCDIIQGKLTPLELMMEDGLLNRYYEEL
PQLCNGSYKHLRKVVELYSVVEPGAKVIEIGGGTGGATSVALDAFAARSEEGQGATLLGHYDFTDISSGF
FGAAKTKFAAWEDKMSYSKLDIEQDPLEQGFAAQSYDLVVASHVLHATTSLKRTLSHVRKLLRPGGQLVL
LEGNQDSLDVQLIFGTVEKWWLSEEPERQTCPYVNLNVWDEALKAAGFTGIEFEIGDCEDPEVQFTSTIL
THAKNQDPLYPSSISLVVPSTLEPQAWLDQVASTVQRVTGSAPSVETFEEVEANDDRLLIVALDHHTPFI
DTMDDKAFEKLRYLLLRSKGILWLSFGGAVDNEDPRFAQMAGLFRTLRREDPSKRYVRLACERPQQSWPT
ETLQMLAHVLQQSFDYGPSGNANLDWEYSVKDQGLYVPRLYPDLAQDRAASGGDQPPYLQDFSYSNKTLR
LQRTRSGVSGIGSCFVETSSTVEDLPSGLIEIEPKAFGLNIVEAIEDDDPAAHEGSGVVRRLGPDTKDSG
LCVGDRVCGIFRGPISNVSRAHWTCVVKIPNDLTWEEAASAPYACSTAWLALRNIARLQKHERVLLHFVT
AGVNRAALALAQNIGAEVFVTCATDEERNILLRDYNVHSSHILPSEAASVVAAIMSQTDGQGVDVTLSSV
GGSLLKACWECTAPFGRFIQLGRADLEKSKHLDMTPFGRGVSMTGLDTLQYSDMRGTIFHRALAESIELL
QHERARLATSAKVFRLDEVDKAFEHIRGGSHLGSAVILPQPGDEVHVIPKTKPSLGLDSPDSTYLIIGGL
GGIGLAAAYWMMEQGARNLMIVSRNAVAHPKGLALAQEGSKYGCNVYLRNCDISDGESVRSLLAKVREEL
PPIRGVFQIAAILDDTVFERMMFEQWQKAIGPKVTGTWALHHNLPGLDFFITTSSATGVLGNVSQSNYTA
GGTFQDAFARYRTSLGLPAVTIDLGPIDDVGYVAQGGDAVKMRVEKALGMKCLPIAHVLRLFEDAIRNPN
RRRTENSQVITCISGYRNLVDDPAVRKDRRLGTLRLGDATATEASVHSQSESSKNIDGLVSQLSTESLSE
SRSKEVIVDLLVAKVAELFNLEKSDIDTGDALTSIGVDSLVAVDFRNWLGSVVKAKVSIFEILQTASLDE

FSSLIEDYAFGFVTSFKWSNHATPGSYLIRAPIVRWLLMKLRAPMHAIGQMCSAEPQDALNTTATLHHVT
HLPRSISFASAVSQLHNHELLIRLDPEYASHETIPSDPSTPAAKCYRITDHMNALPAGLWDTTVKFDAHM
TDLDDGVLWIIKAPLGLTQRTTWRCLRTDTLEEADRAEGVEDSEWSLVEDVEIKANRMLVGTVKGKCEEN
WPGAHGKFLKHLMAEGGETKA
>AL_scaffold86_4815 locus=scaffold86:93275:102308:+ [translate_table: standard]
MPYQSTNGTNGVNGFHDSNGGDNVHGTNGHRSGDVQSTNSDDMSNSIAIV
GISCKFGGAASNLDGLWHTLANGESCWSPIPKSRFDVSNTYHPDPLRTDS
LHVKGGFFIDEDLTEFDAPFFNLTAEAAKAMDPQLRLLLEGVYQATEDGK
LAIIFSICCLAGANAIIAGIPTEKLSGSNTSVFSASFGRDYTEMLMKDAD
ALPTSLVTGNGPAMFANRVSHFYNLRGPSVTVDTGCSGGLVALHMGVNSI
RNQESDVSIVGASNAILNQDFFIAISNLGLLHEDGKCYSMDHRWGGYGRG
EGMAVLVLKKFSAAVKDGDHIHAVIRESAVNQDGRTGTITSPSMDAQRSL
IQQCYSRAGIDLASTGYVEAHLTGTGGDAIEAEALARTFGKSREACDPVW
VGSVKSNIGHTEPVSGLAAVIKAALILRHKQIPANVTFEKANPNIPLQDW
KLRIPKSLTPWPRDKPLRISVNNFGYGGTNAHLILDAPPGPDIPYKHASS
NGNGENVNGNAGNGVDHRPHRPTEAPSLVYILSTRDEAGTVKRSKDLAKY
MRNALHSGEAPSPDDLAYTLSERRSRLPWIIAVKARSLEQLAEILEDPRR
QPIRASSSPVRIGYVFNGQGAQWYAMGRELMSTSEVFSSSIDQAETHLRA
FGALWSLREELLRDARSTKVHEVELSQPLSVVVQLCLVDLLQSWNITPSA
VVSHSSGEIAAAYAAGVLSFQEAVGVVYHRGRLAKKYQKLAALSGGMMAV
GLGVEEVQEYLSDVSSKGRVVVACINSPSSVTISGDLDALEEVATRLEAD
DVFARKLKVPLAYHSHHMEFMAEEYQSCLEEVLRPIQEGRLDVIFASPVT
GGIIASRSAFSAAHWVRNLTSPVLFSSALESMVFGSAEVHSEPRTLPALS
RQVSVFLEIGAHDTLSGPVRQTLRETRIPYLSCLKRPLNAVDTMQDVACA
LVARGYPVHLVAVNTRRSTPSHQPKYVPNLPEYPWNHQTAYKLEPRASEE
HRLKRFKPHELLGRLIPGTNPMSPTWRNFLRTNDIPWLIDHQLESSVVLP
GAGYVSMAIEAMRLFKGNHSQDAAELQHHLRDVDIINALMIPHTSSSSSR
GIEIHFSLRPCSDKDLDSTDWYEFELWSVSAKHSWIQHCKGGISAKATNS
SRLLETSKIMSGLEPSSSEHTKKIEPETLYQRLRDSGFQHGPTFQNIIGS
RVAGERSETEFSVAPAAFEREQQYVIHPTTLDSIFQCCYATLPVDLTKDA
MFIPRSIRRVTVPSQLGTHASQRLFANLNCLSSNPKGSLFEGLVYAVGDD
DSVIAGERQTAAFEIEQFRLQRVTQAATTAQDAKASHPPVHSKSRWELDT
NYTVPDGIRESMKIFLAQPELAFARNVREVAYHHIARALEQLGAKADDKW
TWYHKRFFEWMGAVIQVADNGTLMSGSDSWYRRSEISIQSLCLEVASANA
SGEMVHRIGNHLCDIIQGKLTPLELMMEDGLLNRYYEELPQLCNGSYKHL
RKVVELYSVVEPGARVIEIGGGTGGATSVVLDAFAARSEEGQGTTLLGHY
DFTDISSGFFGAAKTKFAAWEDKMSYSKLDIEQDPLEQGFAAQSYDLVVA
SHVLHATTSLKRTLSHVRKLLRPGGQLVLLEGNQDSLDVQLIFGTVERWW
LSEEPERQTCPYVNLNVWDEALKAASFTGIEFEIRDCEDPEVQFTSTILT
HAKNQDPLYPSSISLVVPSTLEPQAWLDQVASTVQRVTRSAPSVETFEEV
EANDDRLLIVALDHHTPFIDTMDDKAFEKLRYLLLRSRGILWLSFGGAVD
NEDPRFAQMAGLFRTLRREDPSKRYVRLACERPQQSWPTETLQMLAHVLQ
QSFDYSPSGNANLDWEYSVKDQGLYVPRLYPDLAQDRAASGGDQPPYLQD
FSYSNKTLRLQRTRSGVSGIGSCFVETSSTVEDLPSGLIEIEPKAFGLNI
VEATEDDDPAAHEGSGVVRRLGPDTKDSGLCVGDRVCGIFRGPISNVSRA
HWTCVVKIPNDLTWEEAASAPYACSTAWLALRNIARLQKHERVLLHFVTA
GVNRAALALAHNIGAEVFVTCATDEERNILLKDYNVSSSHILPSEAASVV
AAIMSQTDGQGVDVTLSSVGGSLLKACWECTAPFGRFIQLGRADLEKSKH
LDMTPFGRGVSMTGLDTLQYCDMRGTIFHRALAESIELLQHEGARLATSA
KVFRLDEVDKAFEHIRGGSHLGSAVILPQPGDEVHVIPKTKPSLGLDSPN
STYLIIGGLGGIGLAAAYWMMEQGARNLMIVSRNAVAHPKGLALAQEGSK
YGCNVYLRNCDISDGESVRSLLAKVRGELPPIRGVFQIAAILDDTVFERM
TFEQWQKAIGPKVTGTWALHHNLPGLDFFITTSSATGVLGNVSQSNYTAG
GTFQDAFARYRTSLGLPAVTIDLGPIDDVGYVAQGGDAVKMRVEKALGMK
CLPIAHVLRLFEDAIRNPNRRRTENSQVITCISGYRNLVDDPAVRKDRRL
GTLRLGDATATEASVHSQSESSKNIDGLVSQLSTESLSESRSKEVIVDLL
VAKVAELFNLEKSDIDTGDALTSIGVDSLVAVDFRNWLGSIVKAKVSIFE
ILQTASLDEFSSLLHNHELLIRLDPEYASHETLPSDPSTPAAKCYRITDH
MNALPAGLWDTTVKFDAHMTDLDDGVLWIIKAPLGLTQRTTWRCLRTDTL
EEADRAEGVEDSEWSLVEDVEIKANRMLVGTVRGKCEENWPGAHGKFLKH
LMAEGGETKA
>AA_scaffold4_10387 locus=scaffold4:305358:314374:+ [translate_table: standard]
MLYQSTNGTNGINGFHDRNGDNNVHGTNGHRSGDVQSTNSDDMSNSIAIV
GISCKFGGAASNLDGLWHTLANGESCWSPIPKSRFDVSNTYHPDPLRTDS
LHVKGGFFIDEDLTKFDAPFFNLTADAAKAMDPQLRLLLEGVYQATEDAG
IPTEKLSGSNTSVFSASFGRDYTEMLMKDAEALPTSLVTGNGPAMFANRV
SHFYNLRGPSVTVDTGCSGGLVALHMGVNSIRNQESDVSIVGASNAILNQ
DFFIAISNLGLLHEDGKCYSMDHRWGGYGRGEGMAVLVLKKFSAAVKDGD

HIHAVIRESAVNQDGRTGTITSPSMDAQRSLIQQCYIRAGIDLASTGYVE
AHLTGTGGDAIEAEALARTFGKSREACDPVWVGSVKSNIGHTEPVSGLAA
VIKAALILRHKQIPANVTFEKANPNIPLQDWKLRVPTSLIPWPRDKPLRI
SVNNFGYGGTNAHLILDAPPGPDIPYKHASSNGNGENVNGNAGNGVDHRP
HRSTEAPSLVYILSTRDEAGTVKRSKDLAKYMRNALHSGEAPSPDDLAYT
LSERRSRLPWIIAVKARSLEQLAEILEDPRRQPIRASSSPVRIGYVFNGQ
GAQWYAMGRELMSASEVFSSSIDQAETHLRAFGALWSLREELSRDARSTK
VHEVELSQPLSVVVQLCLVDLLQSWNITPSAVVSHSSGEIAAAYAAGVLS
FQEAVGVVYHRGRLAKKYQKLAALSGGMMAVGLGVEDVQEYLSDVSSKGR
VVVACVNSPSSVTISGDLDALEEVATRLEADDVFARKLKVPLAYHSHHME
FMAEEYQSCLEEVLGPTQEGKLDVTFASPVTGGIITSRSAFSAAHWVRNL
TSPVLFSSALESMVFGSADVHSEPRTLPASSRQVSVFLEIGAHDTLSGPV
RQTLRETRIPYLSCLKRPLNAVDTMQDVACALVARGYPVHLGAVNKRRST
PSHQPKYVSNLPEYPWNHQTAYKLEPRTSEEHRLKRFKPHELLGRLIPGT
NPMSPTWRNFLRTNDIPWLVDHQLESSVVLPGAGYVSMAIEAMRLFKGNH
SQDAAELQYHLRDVDIINALMIPHTSSSSSRGIEIHFSLRPCSDKDLDSI
DWYEFELWSVSAKHSWIQHCKGGISAKAVNSSRGLETSKIMSGLEPSRLE
HTKNIEPETLYQRLRDSGFQHGPTFQNIIGSRVAGERSETEFSVAPAAFE
REQQYVIHPTTLDSIFQCCYATLPVDLTKDAMFIPRSIRRVTVPSQLGTH
ASQRLFANLNCLSSNPKGSLFEGLVYAVGDDDSVIAGERQTAAFEIEQFR
LQRVTQAATTAQDAKASHPPVHSKSRWELDTNYTVPDGIRESMKIFLAQP
ELAFARNVREVAYHHIARALEQLGAKADDKWTWYHKRFFEWMGAVIQVAD
NGTLMSGSDSWYRRSEISIQSLCLEVASANASGEMVHRIGNHLCDIIQGK
LTPLELMMEDGLLNRYYEELPQLCNGSYKHLRKVVELYSVVEPGARVIEI
GGGTGGATSVVLDAFAARLEEGQGTTLLGHYDFTDISSGFFGAAKTKFAA
WEDKMSYSKLDIEQDPLEQGFAAQSYDLVVASHVLHATTSLKRTLSHVRK
LLRPGGQLVLLEGNQDSLDVQLIFGTVERWWLSEEPERQTCPYVNLNVWD
EALKAAGFTGIEFEIGDCEDPEVQFTSTILTHAKNQDPLYPSSISLVVPS
TLEPQAWLDQVASTVQRITGSAPSVETFEEVEANDDRLLIVALDHHTPFI
DTMDDKAFEKLRYLLLRSRGILWLSFGGAVDNEDPRFAQMAGLFRTLRRE
DPSKRYVRLACERPQQSWPTETLQMLAHVLQQSFDYSPSGNANLDWEYSV
KDQGLYVPRLYPDLAQDRAASGGDQPPYLQDFSYSNKTLRLQRTRRGVSG
IGSCFVETSSTVEDLPSGLIEIEQKAFGLNIVEATEDDDPAAHEGSGVVR
RLGPDTKDSGLCVGDRVCGIFRGPISNVSRAHWTCVVKIPNDLTWEEAAS
APYACSTAWLALRNIARLQKHERVLLHFVTAGVNRAALALAHNIGAEVFV
TCATDEERNILLKDYNVSSSHILPSEAASVVAAIMSQTDGQGVDVTLSSV
GGSLLKACWECTAPFGRFIQLGRADLEKSKHLDMTPFGRGVSMTGLDTLQ
YSDMRGTIFHRALAESIELLQHEGARLATSAKVFRLDEVDKAFEHIRGGS
HLGSAVILPQPGDEVHVIPKTKPSLGLDSPDSTYLIIGGLGGIGLAAAYW
MMEQGARNLMIVSRNAVAHPKGLALAQEGSKYGCNVYLRNCDISDGESVR
SLLAKVREELPPIRGVFQIAAILDDTVFERMTFEQWQKAIGPKVTGTWAL
HHNLPGLDFFVTTSSATGVLGNVSQSNYTAGGTFQDAFARYRTSLGLPAV
TIDLGPIDDVGYVAQGGDAVKMRVEKALGMKCLPIAHVLRLFEDAIRNPN
RRRTENSQVITCISGYRNLVDDPAVRKDRRLGTLRLGDATATEASVHSQS
ESSKNIDGLVSQLSTESLSESRSKEVIVDLLVAKVAELFNLEKSDIDTGD
ALTSIGVDSLVAVDFRNWLGSVVKAKVSIFEILQTASLDEFSTLNTTATL
HHVTHLPRSISFASAVSQLHNHELLIRLDPEYASHETLPSDPSTPAAKCY
RITDHMNALPAGLWDTTVKFDAHMTDLDDGVLWIITAPLGLTQRTTWRCL
RTDTLEEADRAEGVEDSEWSLVEDVEIKANRMLVGTVKGKCEENWPGAHG
KFLKHLMAEGGETKA
>AA_scaffold12_4792 locus=scaffold12:1088628:1096407:+ [translate_table:
standard]
MDDKATDNEGNGDYDGSFDPIAIIDPAAFDNDFFSISGLEAQAMDPQQRL
MLEMAHETFENAGLTVKVLEKSQTGVYCASTYQDYDQILGRDPELSANTL
VAIHEACRALRMGDIDQALVGGANLILDPDKLMVQSSMQFLSQDGRCYSF
DARASGYSRGEGVAGIMLKPLSAALRDGDSVRAIVRGTSVVSDGRTPGIT
MPSMDSQVEAITKAYEQAGLTLADTIYIEAHGTGTIIGDKAEALAFATTM
GKDRTEKIFVGSVKSNLGHIENASGLASVIKTVLAIENGVIPPVPTFEKP
SEQLPLDQMGITIPREATLWPVGALKRASINSTGYGGTTCHAIIEAPPRF
HSFGASEKTRDAAETASEHRRAYLFVFSHHREGGIARWATKLKRHLTAPL
QAKNVCSPETLAFTLGCRRSHFACRAAMVAYDNHGLCGKIEDMLRGSIRE
TNFSGQHKVCFVFTGELFAQAMMTAEEEFQELGAEWKLISEISMGSEASI
VNEAHIAQPACTTLQIALVDLLITWGIRPAFVCGHSSGEIAAAYAAGVLT
RKDALRAAYFRGCAIVQLKKSHPNLDGGMLAVGLPETVARKIVDESPDQL
AIACVNSPSSVTISGDKPRLQDLQSRLTGEGVFSRMLAVDVAYHSHHVAQ
VYREYLTWISGINPRAAHNETILISSVTGQPMDGTEMGLEYWAQNLVLPV
RFSDAITSIVSTLSDGNNSTTETDLKLLVEIGPHSALEGPIKQTVKACNR
SQTTTYASALVRNQDAHESILELAGKLFSHGVRVCLRGVNHPIEEPKEAV

LTGLPPYQWFHDKVHWQESRRSKAYRFRHLPRHDLLGVPAADSIRDEPTW
RNYLRPAEIPWLKDHCIGGQKVFPGAGYIAMVVEALREIKTLSRDGQWKD
IPSAPGSEFCVQVKADICGPSKHSSTLQVFSPSSHPNDALIEANGLIFTT
LQDASKMNTGDREAPELCHELEWVIDITKTPWNAIVEHCQREAIAVEPLH
LRQKCDPFCRKAIQETLLGLSVSHEQEVTGDRRHLLRWMRSVETEPFAAV
GASADLKNMKIGAVGEAVQQMGSHLRDILLGDVNPLELALEKDLLYRCYL
DDDNLLRCHAQMIEYLQLAQLKSSELRILEVGGGTGSLTVPLLRKLSESH
GAKVGSYVFTDVSTHFIRHTKHLLEQWHSIMEFQKFDIEKAPGDQGLELN
SFDYIIASNVVHVTSSLEKTLCNLRTLLKPGGALVFIEITNPSLRWGIFG
GALPGWWLGVNDGRESSPLLCAERWDDALKAGGSSGLSQEMKDYESAEDH
EMSVLIAINTPQPERVPGFQKIAIINTKQTVELSSMLKCQFDVHNDRFSV
LQSHLSGIDANQDVYIILPHLSKQSYLEKPSETEWIALQKIVESTGTIVW
VTFGATAECSTPHHAIITGLSRSLRAEKQQCRILTIDIDPESANSTETVS
ELGGLIHKILLPTFGTSFEFESEYVIRNGTVLIPRLMPNDTLNNHIQDTV
SEYHPRLKEISHGSHPLRLRIRHPGLLDTIYWEHSQRDSAPLGEHEVQVA
FEYIGVNFRDLMASMGQLGAEMNLLVEGSGTVLKVGKAAQYRFTKGDKVC
AFGPDGLATISNLNMDHVFLSPSKLELSTSAAVLVAYLTALHCLRDVAHV
KPGDSVLIHSAAGAVGQAAIVVARHLKAGKIFLTVSSQAERDQLKEKFGI
EDDDIFCSRDHTFKRGILLRTSNRGVDVVLNSLSGDALTETASILADFGR
FVETGKRDLINNGRLEMKKLLKCITFAVVDLVLLAKSKPRVFRELITDAL
QIVSSTISSTIRPIDIKPVSELESTFRLMQAGKHVGKIVLKLDSASTVRV
QPQVPPLPKLRHDSSYLVVGGTGGLGRVLELSQSSTIIAEVQGSVSDRAF
TQEIQDLTHDRPLSGIFQGAMTPETGLSKDMTAQDWTESLSAKVEGTINL
HESSFQDLDFLILLSSIDGIAGAPALSGYCASSTFLDAFAQNRAHHGHPV
ISIDVGMIAGEGIVAENEHVAMSHRRLGLHSIKDRQNTQNGKGTHLASIE
SQDCTAPGAS
>gi|395617383|gb|AFN68301.1|polyketidesynthasePksJ[Alternariaalternata]
MNDFIDPEGTFMSASSHNGVVPIAIVGFGFKFPQDITNAESLWKLLMERRSTMTEIPQNRWNIDGFYKEH
GHRPGTVKNRGGHFLADDPARFDAPFFSVQPAEAECMDPQQRLLLETSYHALENAGIPMKAAMGTRTSVH
VGCLLQEYSQISQRDSQMPGDYRIVGSSGLAMLANRLSWFYDFSGPSMTVDTACSGGLVAFHLACQELSA
GSVDMSLVCGNNLCLLPDSTALLSSLNMMSKDSVCYSFDERASGYARGEGFGVLILKRLDTAIADGDTIR
GVVRSTGCGQDGNTPSITSPSQSAQERLIRETYARAGLDLGDTRYFEAHGTGTPVGDPCEAAAISNVFSC
RTPEDPIFVGALKSNMGHPEGASGIAGVIKTLLVLEKGIIPPNVYPERISPAVAAAGPNLKFPLVPATWP
TDGIRRASVNSFGYGGTNAHVVLDDALSFLRDHGLSGQHCTEVLDGSKGTAEPATYDGLAINSDDDSYST
GTNACSQTFADDTPPDIMDDYETAPKLFVLSAFDERAVQRSISTFEKWLRNHANDENDHRILNDVAYTLA
EKRTSFPWKTACVALPNLLSQLSWYTPTRAKQRVNLCFVFTGQGAQWDGMGRELMGYVPFRDAMLGADRY
FKSLGSKWSLIDELYLKSKDDSIIHQPELSQPICTALQVAIHDLLISWKVRASISVGHSSGEIAAAYASR
AISQESAWMIAYFRGLAVAITQTINPSQGAMIAVQAPFETWKHIMNKQNTEYPTNPVVIACYNSQSSFTL
SGTHSMIHQMAIALKQANVEVHTLKIDVAYHSHYMKPVADVYEKLLRTIEPGEQVEAQPSFVSTVTGKNI
QHLNELHTSEYWQRNLTGSVQFSAALQDICARQDASTFFFLEIGPHSVLRSPLCDILKQSGRDVAIDYSS
VLRRDHAANITALECAGKLHTIGATIDIAEVNKGSDISPKFLPSLPCYQFEDKKKYWLEGRTSIQYRQTQ
FVHHELLGSRTPDWNEHEARWTNRILLDQSPYLQDHQINGLCLMPAAGMLSMAIEATRQYYGHQTAAVSG
YKLKDVTFTKAMTLSADARGTEIQLTLRPAVVESRDVQPGSLWNQFSLFLHEDGGWHLCCTGFVAIEYGN
HHDSSEDLAECATATKEKKQAYLAASEKCRIVIDSADIYDAFSRAGLTYGPTFKGMRNVKWDQYNQATGT
IGLRDWQTHAKFSYSDPHLIHPAALDAILQMTFPAYSIYAKDSSATTVPTGFSNAWFSVKLMRDPSDAQD
VAVHAKVSGRGFRNKLFSVTAAFANTQEICFYGDLETSTIGRNSPSAGNKEGRRSLYRINWQPAEFHHLT
TLSPRLATSKSCIHIIYDELEPLQLDLMQTLRRTMSAQGDVGVALVTWSSIAQHELDKASCIFLPGLDGN
LLQRMQKDELAKIKSLLSKASTLLWITFQHQAIDQSPTEGLVSGLVRTLATESEDYRLSSISLDLETGLD
TVAANIVKVATTLLEPQIDPEDEYCEIDGRLCTPRVVDDAELTVQALPTEDTVVYVTKPWSELDSPKLTI
GAAGVLNTLHYEQTSIRINELASDDVIIQVKAVGLNMRDILVALGQVHDETFGSEIAGVVVSTGSSHDAG
FQIGDRVFGVTRDGVAQLARCKVSQLQRVPDKMSFCEAAAYPVAFCTAYYSLKQCYSMKSGDSILVHDAA
SVLGQAIIKIAAFHGYTKIFATVSTADGAFFLENTLHIPKSNIFSTDSLDLQHGILRLTNGQGVAVVVGS
EDRLSDSWPCIASFGRFVGVGEKDIFHSTANSSKDIVLPSATKNIAFVSVNFQELAKSHVFADIFKHVLM
LIGDDKVTIASPPNVFKQSEIEPAFRRIKDVDMVEKVVIEMDSDEIVVMELAQDSAKPLFRPDASYIIAG
AFGGIGQSIARWMIQHGAKHLILPSRSPVDGTGSERDHLVQELKAQGAAVYAPVCDIANRDQLRDMLMSF
AHLPAVRGCIQAAMVMRDSSFANMTMEKWHESLAPKVDGSWNLHQLLPLGLDFFIMLSSSTGIMGSFGQS
NYTVGNTYQDALAAHRMRHGQRAHALALSMVTGVGYVAQNDQVQALLRVRGMLEEVPMDDIYNLLRFCCD
PERVDTSTVGSQIITPLTLPADLRAMGIVAPLGSTRPIYHYLDTLPSRFSSDTASAEAKDRPSYKLSEAT
SLAQATDIVVEAIQTQLSSLLVVSRDDIDSQKAIYRYGVDSLSRLRGRASLLGTS
>AL_scaffold19_7914 locus=scaffold19:35278:42164:+ [translate_table: standard]
MNDFIDLEGTFMPASSPNGLVPIAIVGFGFKFPQDITNAESLWKLLMERR
STMTEIPQNRWNIEGFYKEHGHRPGTVKNRGGHFLADDPARFDAPFFSVQ
PAEAECMDPQQRLLLETSYHALENAGIPMKAAMGTRTSVHVGCLLQEYSQ
ISQRDSQMPGDYRIVGSSGLAMLANRLSWFYDFSGPSMTVDTACSGGLVA
FHLACQELSAGSVDMSLVCGNNLCLLPDSTALLSSLNMMSKDSVCYSFDE
RASGYARGEGFGVLILKRLDTAIADGDTIRGVVRSTGCGQDGNTPSITSP
SQSAQERLIRETYARAGLDLGDTRYFEAHGTGTPVGDPCEAAAISNVFSC
RTPEDPIFVGALKSNMGHPEGASGIAGVIKTLLVLEKGIIPPNVYPERIS

PAVAAAGPNLKFPLVPATWPTDGIRRASVNSFGYGGTNAHVVLDDALSFL
RDHGLSGQHCTEVLDGSKGAAEPATYDGLAINSEDGSYSTGTNAYSQSFA
DDTPPDIMDDYETAPKLFVLSAFDERAVQRSISTFEKWLCNHANDENDHR
ILNDVAYTLAEKRTSFPWKTACVALPNLLSQLSWSTPTRVKQRVSLCFVF
TGQGAQWDGMGRELMGYAPFRDAMLGADRYFKSLGSKWSLIDELYLKSKD
DSIIHQPELSQPICTALQVAIHDLLISWKVRASISVGHSSGEIAAAYASR
AISQESAWMIAYFRGLAVAITQTINPSQGTMIAVQAPFETWKHIMNKQNA
EYPTNPVVIACYNSQSSFTLSGTHSMIHQMAIALKQANVEVHTLKIDVAY
HSHHMKPVADVYEKLLRTIEPGEQVEAQPSFVSTVTGKNIQQLNELHTSE
YWQRNLTGSVQFSAALQDICARQDASTCFFLEIGPHSVLRSPLRDILKQS
GRDVAIDYSSVLRRDHAANITALECAGKLHTIGATIDIAEVNKDSDISPK
FLPSLPCYQFEDKKRYWLEGRTSIQYRQTQFVHHELLGSRTPDWNEHEAR
WTNRILLDQSPYLQDHQINGLCLMPAAGMLSMAIEATRQYYGHQTAAVSG
YKLKDVTFTKAMTLSADARGTEIQLTLRPAVVESRDVQPGSLWNQFSLFL
HEDGGWHLCCTGFVAIEYGNHHDSSGDLAECATATKEKKQAYLAASEKCR
IVIDSADIYDAFSRAGLTYGPTFKGMRNVKWDQHNQATGTIGLRDWQTHA
KFSYSDPHLIHPAALDAILQMTFPAYSIYAKDSSATTVPTGFSNAWFSVK
LMRDSSDAQDVAVHAKVSGRGFRNKLFSVTAAFANTQEICFYGDLETSTI
GRNSPSAGNKEGRRSLYRINWQPAEFHHLTTLSPRLATSKSCIHIIYDEL
VPLQLDLMHTLRRTMSAQGDVGVALVTWSSIAQHELDKASCIFLPGLDGN
LLQRMQKDELAKIKSLLSKASTLLWITFQHQAIDQSPTEGLVSGLVRTLA
TESEDYRLSSISLDLETGLDTVAANIVKVTTTLLEPQIDPEDEYCEIDGR
LCTPRVVDDAELTVQALPTEDTVVYVTKPWSELDSPKLTIGAAGVLNTLH
YEQTSIRINELASDDVVIQVKAVGLNMRDILVALGQVHDETFGSEIAGVV
VSTGSSHDAGFQIGDRVFGVTRDGVAQLARCKVSQLQRVPDKMSFCEAAA
YPVAFCTAYYSLKQCCSMKSGDSILVHDAASVLGQAIIKIAAFHGYTKIF
ATVSTADGAFFLENTLHIPKSNIFSTDSLDLQHGILRLTNGQGVAVVVGS
EDRLSDSWPCIASFGRFVGVGEKDIFHSTANSSKDIVLPSTTKNIAFVSV
NFQELAKSHVFADIFEHVLMLIGDDKVTITSPPNVFKQSEIEPAFRRIKD
VDMVEKVVIEMDSDEIVVMELAQDSAKPLFRPDASYIIAGAFGGIGQSIA
RWMIQHGAKHLILPSRSPVDGTGSERDHLVQELKAQGAAVYAPMCDIANR
DQLRDMLMSFAHLPAVRGCIQAAMVMRDSSFANMTMEKWHESLAPKVDGS
WNLHQLLPLGLDFFIMLSSSTGIMGSFGQSNYTVGNTYQDALAAHRMRHG
QRAHALALSMVTGVGYVAQNDQVQALLRVRGMLEEVPMDDIYNLLRFCCD
PERVDTSTVGSQIITPLTLPADLRAMGIVAPLGSTRPIYHYLDTLPSRFS
SDTASAEAKDRPSYKLSEATSLAQATDIVVEAIQTQLSSLLVVSRDDIDS
QKAIYRYGVDSLVAVEMRNWFSKAIGADVGTTDIMSDISIWLLAVKVAGK
SKFVRDELKE
>AA_scaffold4_10765 locus=scaffold4:1335940:1342826:+ [translate_table:
standard]
MNDFVDPEGTFMPASSPNGLVPIAIVGFGFKFPQDITNAESLWKLLMERR
STMTEIPQNRWNIEGFYKEHGHRPGTVKNRGGHFLADDPARFDAPFFSVQ
PAEAECMDPQQRLLLETSYHALENAGIPMKAAMGTRTSVHVGCLLQEYSQ
ISQRDSQMPGDYRIVGSSGLAMLANRLSWFYDFSGPSMTVDTACSGGLVA
FHLACQELSAGSVDMSLVCGNNLCLLPDSTALLSSLNMMSKDSVCYSFDE
RASGYARGEGFGVLILKRLDTAIADGDTIRGVVRSTGCGQDGNTPSITSP
SQSAQERLIRETYARAGLDLGDTRYFEAHGTGTPVGDPCEAAAISNVFSC
RTPEDPIFVGALKSNMGHPEGASGIAGVIKTLLVLEKGIIPPNVYPERIS
PAVAAAGPNLKFPLVPATWPTDGIRRASVNSFGYGGTNAHVVLDDALSFL
RDHGLSGQHCTEVLDGSKGAAEPATYDGLAINSEDGSYSTGTNAYSQSFA
DDTPPDIMDDYETAPKLFVLSAFDERAVQRSIPTFEKWLCNHANDENDHR
ILNDVAYTLAEKRTSFPWKTACVALPNLLSQLSWSTPTRVKQRVNLCFVF
TGQGAQWDGMGRELMGYAPFRDAMLGADRYFKSLGSKWSLIDELYLKSKD
DSIIHQPELSQPICTALQVAIHDLLISWKVRASISVGHSSGEIAAAYASR
AISQESAWMIAYFRGLAVAITQTINPSQGAMIAVQAPFETWKHIMNKQNA
EYPTNPVVIACYNSQSSFTLSGTHSMIHQMAIALKQANVEVHTLKIDVAY
HSHHMKPVADVYEKLLRTIEPGEQVEAQPSFVSTVTGKNIQQLNELHTSE
YWQRNLTGSVQFSAALQDICARQDASTCFFLEIGPHSVLRSPLRDILKQS
GRDVAIDYSSVLRRDHAANITALECAGKLHTIGATIDIAEVNKDSDISPK
FLPSLPCYQFEDKKRYWLEGRTSIQYRQTQFVHHELLGSRTPDWNEHEAR
WTNRILLDQSPYLQDHQINGLCLMPAAGMLSMAIEATRQYYGHQTAAVSG
YKLKDVTFTKAMTLSADARGTEIQLTLRPAVVESRDVQPGSLWNQFSLFL
HEDGGWHLCCTGFVAIEYGNHHDSSGDLAECATATKEKKQAYLAASEKCR
IVIDSADIYDAFSRAGLTYGPTFKGMRNVKWDQHNQATGTIGLRDWQTHA
KFSYSDPHLIHPAALDAILQMTFPAYSIYAKDSSATTVPTGFSNAWFSVK
LMRDSSDAQDVAVHAKVSGRGFRNKLFSVTAAFANTQEICFYGDLETSTI
GRNSPSAGNKEGRRSLYRINWQPAEFHHLTTLSPRLATSKSCIHIIYDEL
EPLQLDLMHTLRRTMSAQGDVGVALVTWSSIAQHELDKASCIFLPGLDGN

LLQRMQKDELAKIKSLLSKASTLLWITFQHQAIDQSPTEGLVSGLVRTLA
TESEDYRLSSISLDLETGLDTVAANIVKVATTLLEPQIDPEDEYCEIDGR
LCTPRVVDDAELTVQALPTEDTVVYVTKPWSELDSPKLTIGAAGVLNTLH
YEQTSIRINELASDDVIIQVKAVGLNMRDILVALGQVHDETFGSEIAGVV
VSTGSSHDAGFQIGDRVFGVTRDGVAQLARCKVSQLQRVPDKMSFCEAAA
YPVAFCTAYYSLKQCYSMKSGDSILVHDAASVLGQAIIKIAAFHGYTKIF
ATVSTADGAFFLENTLHIPKSNIFSTDSLDLQHGILRLTNGQGVAVVVGS
EDRLSDSWPCIASFGRFVGVGEKDIFHSTANSSKDIVLPSTTKNIAFVSV
NFQELAKSHVFADIFKHVLMLIGDDKVTIASPPNVFKQSEIEPAFRRIKD
VDMVEKVVIEMDSDEIVVMELAQDSAKPLFRPDASYIIAGAFGGIGQSIA
RWMIQHGAKHLILPSRSPVDGTGSERDHLVQELKAQGAAVYAPVCDIANR
DQLRDMLMSFAHLPAVRGCIQAAMVMRDSSFANMTMEKWHESLAPKVDGS
WNLHQLLPLGLDFFIMLSSSTGIMGSFGQSNYTVGNTYQDALAAHRMRHG
QRAHALALSMVTGVGYVAQNDQVQALLRVRGMLEEVPMDDIYNLLRFCCD
PERVDTSTVGSQIITPLTLPADLRAMGIVAPLGSTRPIYHYLDTLPSRFS
SDTASAEAKDRPSYKLSEATSLAQATDIVVEAIQTQLSSLLVVSRDDIDS
QKAIYRYGVDSLVAVEMRNWFSKAIGADVGTTDIMSDISIWLLAVKVAGK
SKFVRDELKE
>AA_scaffold21_8045 locus=scaffold21:281102:289346:+ [translate_table:
standard]
MEPIAIVGLAFKLPQDIEDEASFWHILEQGQSMMTEWPKSRVDVNAFARS
PEASLNTLTSTRGHFLRQNLASFDAPFFSISSKEASAMDPQQRMLLETSY
HALENGSAGIPLSRIAGTETGVFVGTMESDYHRMISKDPDDAPMTTATGI
SVSIMANRLSWYFDLKGPSMQLNTACSSSMIAVDLGCQSIRSGQTSTVLV
AGSSLMLDPEYSLYLSNMNMLSPDGICHSFDDRANGYSRGEGVIVMILKK
LSTAISDGDNIRAVIRGTGSNQDGRTPGITQPSSVSQENLIRHTYRTCNL
GFESTRYIEAHGQSLQCPQTLSSGTGTQIGDAMEMRALGAVFRTTRSPKA
PLFVGSVKTNIGHLEGGSGLAGIAKSILILEKGFIPPNALFERLNTKVNA
KRNNIQSYNLSLLGTDSCKVPESCIRWPGEGLRRISVNSFGFGGSNAHAI
LDDAYHTLETLTILGETETQSTKGSEKKTDGNTVSNGTSPNYRQILVFTA
RDEAALKRIHQQYAEYYDRSIVGAPRMLDDLAYTLAARRNTMAMRSFIVA
DSDSSSSSLGLPNLNCVRSLGEPQLCFVFTGQGAQYVNMGLELIDYPVFK
DVLTQADRVFQSTGAEWSLFDEMKSGERINLPQFSQPLCTALQIALVELL
KSFHIAPVAVVGHSSGEIAAAYAIGALSLESACRVSYHRGRLSDQLAAQL
ASSIKTGAMMSANLQEGQVRAYIDKYRLDANIRVACVNSPSNVTLAGPEA
DVDALKCHLDDDRIFAQKLNTGIAYHTAVMNEMAQEYVSCLSNLVESTPG
SCATLMVSSVTGQRVTATDLCTAQYWTDNLTSPVRFLDALQYLAIAAPKL
DGIKAISDYIEVGPHGALRRPIKETLSQVPNYRTFAYVSILSKLVSPIKT
TMEVAGHLFTRGYPVSIAAVNRYTASSNLPMLLSDTPKYPFDRTQQHWFE
SRLSRDWRLRGAAPRSVLGIRVTDWNPLEPRWRKMLSTQEMPWIAEHVVS
GVIVFPAAGMIVMALEAVKQTVQSHQTLSAFLVKEATFATPIFVDTERKT
EVVTQLRPIKAAYEREALRFDVVIFSIDDSGRWTECFKATVHAQPKTGAT
SEVDGGLEARETAETCVSRYKEAKLSCTKRINSQDFYEWLDRQGLSYGEA
FALSKDIFWDESELCVSRVDNSEEPYEGVVHPTVLDNCLQLCCTAPSGGL
TKKLSTFVPSSMRDLWVSATGWQHPQTNSIRIMTQAKPNIQMTGLNCSMM
AFSEPGQLLCDAEHLGMSAVAGKASADGDQKRLVHSIDWKPQLSLLTKQQ
LSEHCRSNNKDDETSEIEYCISLEDAIRTRLQRILPQLQGLVEPGTPTHL
KKFVMWIERQLRQTPGKAADEVSDAELGLRLERLRESRPSWRLCLEVLDN
LPSIIRGETDALGLLFTTPVAHDLYDAFFRRTCNEKLSRYLELTVHQNPN
QKILEVGAGTGGMTNQILTMLHQIEQRTGGTSFREYVYTDISPAYFEGAR
ERFANYGSRMTFKTIDLERDISANIEPGSCDMVFAGSVLHATKNLAKTMR
NLRRALKPGGQLVFLEITQAPECFPMSFGFGVLPGWWCAEETSREWCPTL
TEVQWDVLLKKTGFTGNELLVKDYEDPRANYVTIITSTAEKTPKALIEVS
RVLLIINNDDEQQENLARAVSTAISACFTCQVIVFTLSHIAEAEVGPSDC
ILFLADMQGSILAEPSKDEFRLIQTWLQQSKHLLWVTAALTSQQFSPRTS
IKDGLLRVIRAENNSKRIISLTLEHDSSDLQVCQQCIAQVFRSAFEDASP
ELEYTVRDGKIMTGRLVFEAGLNRDVVSCMLPITRHEAWLPGPPLKLHVA
SRGSLESLCFIEDQYPTELGPTEIEIETQAWAVGFRDVFGALGRLDENEF
GTDCAGKVRRVGSKCTQLRPGDRVSTSMFGCMRTFVYCDEGDAIKVPDTL
SLEEACGVINPVMTAWHSLVDVARLQKGEKILIHAASGGTGQVAIQVAQM
LGAEVYATVGYDHKKELLIERYGIPATNIFYSRDLSFAQGIMRVTNGYGV
DVVLNSLVGEGQKSSWECVAPYGRFVEIGKADIYANSPLPMASFARNRTF
SAVDLRDLAFHRPEASRALFHKTMNLVQEKAIVCPTPLNKFPVSAIEDAF
RYMQTGRSTGRVIVTLGHGDVKNLINRPAWTFDPEAAYLVVGGLGGVGRS
ILRWMISRGAKQLIVPSRSGPRGEAAFKIVIDAIKLGVTILTPSCDVSDM
ASLKLMLDECAPVVGPIRGCINAAMVLQDSIFDNMTHAQWKKTIDSKVTS
SWNLHALLPNDLDFFILLSSAAGVLGNAGQSNYAAGCTFQDALSSFRKSQ
GRKAVSIDLGLMSTVGFVAENEGVKKTLERYEGLRAIDEAEFLALMDILC

DLEHPPNLSTINGQVTMGITTPADLALDNGTMPMEHMHQSLFAYFVQTEA
MASSSMQANGVNSAALFRQAESVEEMDRIVVESLVRKIARALSMSLEDVD
TDKALHLYGVDSLVAVEIRNWITKEFVADVPVFELMSGKSILAIAQLVTK
NSQIRKTVAKA