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A pathway-based approach to find novel markers of local glucocorticoid treatment in intermittent allergic rhinitis

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allergic rhinitis; gene expression microarray analysis; glucocorticoids; proteomics.

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Abstract

Background: Glucocorticoids (GCs) may affect the expression of hundreds of genes in different cells and tissues from patients with intermittent allergic rhinitis (IAR). It is a formidable challenge to understand these complex changes by studying individual genes. In this study, we aimed to identify (i) pathways affected by local GC treatment and (ii) examine if those pathways could be used to find novel markers of local GC treatment in nasal fluids from patients with IAR.

Methods: Gene expression microarray- and iTRAQ-based proteomic analyses of nasal fluids, nasal fluid cells and nasal mucosa from patients with IAR were performed to find pathways enriched for differentially expressed genes and proteins. Proteins representing those pathways were analyzed with ELISA in an independent material of nasal fluids from 23 patients with IAR before and after treatment with a local GC.

Results: Transcriptomal and proteomic high-throughput analyses of nasal fluids, nasal fluid cells and nasal mucosal showed that local GC treatment affected a wide variety of pathways in IAR such as the *glucocorticoid receptor pathway* and the *acute phase response pathway*. Extracellular proteins encoded by genes in those pathways were analyzed in an independent material of nasal fluids from patients. Proteins that changed significantly in expression included known biomarkers such as eosinophil cationic protein but also proteins that had not been previously described in IAR, namely CCL2, M-CSF, CXCL6 and apoH.

Conclusion: Pathway-based analyses of genomic and proteomic high-throughput data can be used as a complementary approach to identify novel potential markers of GC treatment in IAR.

The beneficial effects of treatment with glucocorticoids (GCs) in intermittent allergic rhinitis (IAR) are well documented (1–5). Decades long research efforts have shown that GCs have wide-spread effects on the inflammatory response (6, 7). Although perceived as generally down-regulatory, GCs have variable effects on inflammatory cells and their products. For example, while GCs inhibit apoptosis in eosinophils, the opposite is true for neutrophils (8). In previous studies of nasal fluids from patients with IAR, we and others have found that treatment with a topical GC results in decrease of the T helper 2 (Th2) cytokines, eosinophils, IgE, eosinophil cationic protein (ECP), but not T helper 1 (Th1) cytokines, nor IL-1β, TNF-α or neutrophils (9, 10). Changes in nasal fluid proteins may reflect the effects of GCs on both nasal fluid cells and the nasal mucosa. In the latter compartment, GCs affect not only inflammatory cells but also vascular permeability, and thereby plasma transudation which has an

Abbreviations
ALB, Albumin; ApoH, Apoliprotein H; CC16, Secretoglobin, family 1A, member 1; CCL2, Chemokine (C-C motif) ligand 2; CXCL6, Chemokine (C-X-C motif) ligand 6; GCs, Glucocorticoids; IAR, Intermittent allergic rhinitis; IPA, Ingenuity pathway analysis; iTRAQ, Isobaric tags for relative and absolute quantification; M-CSF, macrophage colony-stimulating factor 1; MIF, Macrophage migration inhibitory factor; TNFSF10, Tumor necrosis factor ligand superfamily member 10; VEGFB, Vascular endothelial growth factor B.

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important role in IAR (4, 11). These changes are regulated by a large number of inflammatory proteins. Gene expression microarray studies of allergen-challenged $CD4^+$ cells and nasal mucosa indicate that hundreds of genes change in expression following GC treatment (10, 12). It is a formidable challenge to understand such changes by studying individual genes one by one. An alternative strategy may be to change the scale to pathways enriched for genes whose expression changes in response to treatment with GC. Such pathways may be dissected to find potential protein markers encoded by the genes that change most in expression or are easiest to measure. This strategy was recently employed in nasal polyps before and after treatment with GC (13) but has to our knowledge not been applied to IAR. However, we have previously identified protein markers of untreated allergic inflammation by pathway-based analysis of gene expression microarray data from allergen-challenged skin and $CD4^+$ cells from patients with IAR (14, 15). The aim of this study was to test if pathway-based analysis could be used to find potential markers of response to local GC treatment in IAR. To achieve this, proteomic high-throughput data from nasal fluids from patients with IAR were generated by the isobaric tags for relative and absolute quantification (iTRAQ) technique, which is at the forefront of proteomics techniques enabling multiplexed relative quantitation of proteins by mass spectrometry (MS) (16). Gene expression microarray data from nasal fluid cells and nasal mucosa from patients with IAR before and after treatment with GC were also analyzed. We then identified pathways in the resulting transcriptomal and proteomic high-throughput data. Finally, we examined if proteins that represented those pathways were differentially expressed in nasal fluids from an independent material consisting of patients with IAR before and after treatment with topical GC. This led to the identification of several novel GC-responsive nasal fluid proteins. The same analytical principles are likely to be generally applicable to find biomarkers in allergic disease.

Methods

Subjects

Intermittent allergic rhinitis was defined by a positive seasonal history and a positive skin prick test or by a positive ImmunoCap Rapid (Phadia, Uppsala, Sweden) to birch and/or grass pollen. Patients with perennial symptoms or asthma were not included. Nasal lavage samples from the patients were obtained after the start of symptoms during the pollen season, and after 2 weeks of treatment with two doses of 50 μg per dose fluticasone nasal spray in each nostril once daily. All patients before and after treatment with fluticasone were asked to mark their symptoms (sneezing, rhinorrhea, congestion and itching) on a visual analogue scale of 10. These values were added to the total symptom score, as previously described (9). Different materials were analyzed: One consisted of seven adult Swedish patients that were used for nasal fluid cell gene expression microarray and nasal fluid proteomic studies. The mean ± SEM age of these patients was 24 ± 5.8, and five were women. The mean ± SEM symptom score of these patients was 16.1 ± 2.9 vs 9.9 ± 2.2 ($P = 0.189$). We also re-analyzed previously described gene expression microarray data from nasal biopsies from three patients with IAR and three healthy controls during the pollen season, as well as nasal polyps from patients with IAR outside of the pollen season (the autumn–winter) before and after treatment with GC (12, 17). The nasal fluids from 23 Italian patients with IAR during the pollen season before and after treatment with fluticasone were used for ELISA measurement (henceforth referred to as the validation material). The mean ± SEM age of these patients was 32 ± 1.6, and 10 were women. The mean ± SEM symptom score of these patients was 20.9 ± 1.5 vs 7.2 ± 1.4 ($P < 0.00001$).

Nasal lavage fluid collection

Nasal lavage fluids were obtained as previously described (9). Sterile normal saline solution at room temperature was aerosolized into each nostril, while alternatingly clearing the other. The nasal fluids were allowed to return passively and collected in a graded test tube that was submerged in iced water, until 6 ml was recovered. The fluids were then filtered through a 30-μm Pre-Separation Filter (Miltenyi Biotec Inc., Bergisch-Gladbach, Germany) and centrifuged for 10 min at 1334 ***g*** in 4°C. The supernatant was separated from the pellet and stored in aliquots in −70°C until use. The pellet was lysed in 700 μl QIAzol (QIAGEN, Inc., Valencia, CA, USA) and stored in −70°C. The study was approved by the Ethics Committees of the Medical Faculties of the universities of Gothenburg and Padua.

iTRAQ-based proteomic analysis of nasal fluids

Nasal fluids from seven Swedish pollen allergic patients during the pollen season, before and after treatment with GC, were analyzed with iTRAQ-based proteomic analysis. Briefly, all nasal fluid samples were lyophilized, dissolved, alkylated and digested with trypsin according to the manufacture's protocol (Applied Biosystems, Foster City, CA, USA). Each four-plex set consisting of one pooled standard sample and three nasal fluid samples was labeled with iTRAQ reagent 114, 115, 116 and 117, respectively, following manufacturer's instructions (Applied Biosystems). Nano-LC-MS/MS analysis and iTRAQ data analysis were performed as described in the supplementary methods section (see Data S1 for a detailed description). Differentially expressed proteins were identified using R. Differentially expressed proteins with a fold change ≥1.5 or ≤−1.5 were selected for pathway analysis.

Microarray analysis of nasal fluid cells and nasal mucosa

Total RNA was isolated using the miRNeasy kit (QIAGEN, Inc). RNA concentrations were determined spectrophotometrically. The quantity of RNA was analyzed with NanoDrop ND-1000 UV Spectrophotometer (NanoDrop Technologies, Thermo Fisher Scientific Inc., Waltham, MA, USA). The RNA quality was examined in Agilent 2100 Bioanalyzer

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using RNA 6000 Pico kit and the RNA Integrity Number was calculated in Agilent 2100 Bioanalyzer expert software (Agilent Technologies, Inc., Palo Alto, CA, USA).

Sixty nanogram total RNA was used in the amplification and labeling reaction. The amplification and labeling protocol was performed using Illumina TotalPrep RNA Amplification kit (Ambion, Austin, TX, USA). Briefly, 1.5 μg of biotin labeled cRNA was used to hybridise onto Illumina Human-6 v3 Expression BeadChips (Illumina, Inc., San Diego, CA, USA). The hybridization, staining, washing and scanning were performed according to the manufacturer's protocol (Illumina, Inc). The microarray analyses of nasal mucosal biopsies from patients with IAR and healthy controls, as well as from nasal polyps before and after treatment with GC, were performed as previously described (12, 17).

Pathway analysis of differentially expressed genes and proteins

Signal values and arrays were background corrected and normalized using the robust multiarray average. A two-tailed Student's *t*-test and a fold-change criterium was used to identify genes that differed in expression, namely a fold change ≥1.5 or ≤−1.5, as previously described (15). The Ingenuity Pathways Analysis application (IPA) was used to map the differentially expressed transcripts and proteins on to known pathways. Next, immunological pathways that were statistically enriched for either differentially expressed transcripts or proteins were selected as previously described (18).

Analysis of nasal fluid proteins with ELISA

Extracellular proteins and genes in different pathways, which had high expression levels before or after treatment, were selected for ELISA analysis in nasal fluids from 23 Italian patients with IAR before and after treatment with GC. Albumin (ALB) was analyzed with an ELISA kit from Bethyl Laboratories (Montgomery, TX, USA). Apoliprotein H (apoH) was analyzed with an ELISA kit from United States Biological (Swampscott, MA, USA). Chemokine (C-C motif) ligand 2 (CCL2), chemokine (C-X-C motif) ligand 6 (CXCL6), macrophage colony-stimulating factor 1 (M-CSF) and tumor necrosis factor ligand superfamily member 10 (TNFSF10) were analyzed with ELISA kits from R&D Systems Inc (Minneapolis, MN, USA). Secretoglobin, family 1A, member 1 (CC16) was analyzed with an ELISA kit from Bio Vender Laboratory Medicine (Brno, Czech Republic). Eosinophil cationic protein was analyzed with an ELISA kit from IG Instrumenten-Gesellschaft AG (Zürich, Switzerland). Macrophage migration inhibitory factor (MIF) was analyzed with an ELISA kit from RayBiotech (Norcross, GA, USA). Vascular endothelial growth factor B (VEGFB) was analyzed with an ELISA kit from Gentaur (Brussels, Belgium). All experiments were performed according to the manufacturer's protocol. Data were expressed as the mean ± SEM. Differences between two paired experimental groups were analyzed by paired Student's *t*-test. A *P*-value < 0.05 was considered significant.

Results

Gene expression microarray analysis of nasal fluid cells from patients with IAR

Nasal fluid cells from seven patients with IAR during the pollen season, before and after GC treatment, were analyzed with gene expression microarrays. This led to the identification of 25 up-regulated genes and 68 down-regulated genes (Table S1). Pathway analysis of the differentially expressed genes revealed that no known immune response pathway was significantly enriched for those genes. We therefore selected the extracellular protein that encoded by the most differentially expressed gene for ELISA analysis in the validation material, namely CXCL6.

Gene expression microarray analysis of nasal biopsies from patients with IAR

To identify putatively GC-affected pathways, gene expression microarray data from nasal polyps from patients with IAR outside of season before and after treatment with GC were analyzed (12). This resulted in the identification of pathways as well as a selection of novel protein markers for analysis in the independent material. Those markers are listed in parentheses following each pathway: *Acute phase response signaling* (*albumin and apoH*), *chemokine signaling, glucocorticoid receptor signaling* (*CC16* and *CCL2*), *IL8 signaling and T helper cell differentiation signaling* (Table 1, see online supplement Table S2 for complete list). We also examined if novel markers for response to GC treatment could be identified in pathways that differed in gene expression microarray data from nasal biopsies patients with untreated IAR during the pollen season and healthy controls (17). The following pathways were enriched for differentially expressed genes, *acute phase response signaling, complement system signaling, chemokine signaling*, *death receptor signaling* (*TNFSF10*), glucocorticoid receptor signaling, *IL4* signaling, *IL8* signaling, *role of macrophages, fibroblasts and endothelial cells in Rheumatoid Arthritis signaling* (*MCSF*, *MIF*) and *VEGF* signaling (*VEGFB*) (Table 2, see online supplement Table S3 for complete list).

iTRAQ-based protein profiling of nasal fluids from patients with IAR

Protein profiling of nasal fluids from patients with IAR during the season, before and after treatment with GC, was performed. Among 451 identified proteins, 62 proteins increased and 71 proteins decreased. The pathway analysis using the IPA software showed that two immunological pathways were significantly enriched for differentially expressed proteins, namely *acute phase response signaling* and *complement system signaling* (Table 3). These two pathways had also been identified by the gene expression microarray analysis of nasal mucosa and protein markers selected based on that. We also noted that the most differentially expressed proteins included proteins that were not identified by the pathway analysis, for example three cystatins, cystatin-SN (CST1), cystatin-S

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Table 1 Differentially expressed extracellular genes in nasal polyps from patients with intermittent allergic rhinitis before and after treatment with glucocorticoids (GCs) ordered by pathways

Canonical pathway	Entrez Gene ID	Gene symbol	Fold change
Acute phase response signaling	183	*AGT*	−1.91
	197	*AHSG*	−1.74
	213	*ALB*	−1.69
	259	*AMBP*	2.032
	335	*APOA1*	−2.931
	336	*APOA2*	−2.284
	350	*APOH*	−5.184
	735	*C9*	−2.047
	1401	*CRP*	−3
	2243	*FGA*	−4.511
	2244	*FGB*	−2.901
	57 817	*HAMP*	−1.825
	3240	*HP*	−2.171
	3263	*HPX*	−1.57
	3273	*HRG*	−1.805
	3606	*IL18*	3
	3552	*IL1A*	−2.065
	3553	*IL1B*	−3.286
	26 525	*IL1F5*	−4.443
	27 179	*IL1F6*	−1.58
	27 178	*IL1F7*	−5.382
	56 300	*IL1F9*	−2.128
	3557	*IL1RN*	−1.52
	3699	*ITIH3*	−1.98
	3700	*ITIH4*	−1.815
	3818	*KLKB1*	−1.744
	4153	*MBL2*	−4.309
	5004	*ORM1*	−1.616
	5950	*RBP4*	−2.615
	6288	*SAA1*	2.541
	5265	*SERPINA1*	2.996
	5054	*SERPINE1*	2.947
	7018	*TF*	1.702
	7124	*TNF*	−2.558
	7276	*TTR*	−2.067
Chemokine signaling	6347	*CCL2*	2.218
	6351	*CCL4*	−1.517
	6352	*CCL5*	−1.515
	6354	*CCL7*	−1.63
	6369	*CCL24*	1.643
	6387	*CXCL12*	−1.545
GC receptor signaling	183	*AGT*	−1.91
	6347	*CCL2*	2.218
	6348	*CCL3*	−2.806
	6352	*CCL5*	−1.515
	1437	*CSF2*	−1.964
	1447	*CSN2*	−2.068
	3458	*IFNG*	−2.576
	3558	*IL2*	−2.586
	3562	*IL3*	−5.806
	3565	*IL4*	−3.618
	3567	*IL5*	−1.618
	3576	*IL8*	−2.079
	3553	*IL1B*	−3.286
	3557	*IL1RN*	−1.52
	4312	*MMP1*	−2.091
	4878	*NPPA*	−2.079
	5443	*POMC*	−2.273
	5617	*PRL*	−2.919
	7356	*CC16*	4.116
	5054	*SERPINE1*	2.947
	7124	*TNF*	−2.558
IL8 signaling	285	*ANGPT2*	2.24
	2919	*CXCL1*	3.109
	80 864	*EGF*	−3.027
	2277	*FIGF*	−2.082
	1839	*HBEGF*	2.724
	3576	*IL8*	−2.079
	4318	*MMP9*	−1.714
	5228	*PGF*	1.86
T helper cell differentiation signaling	959	*CD40LG*	−2.667
	3458	*IFNG*	−2.576
	3558	*IL2*	−2.586
	3565	*IL4*	−3.618
	3567	*IL5*	−1.618
	3606	*IL18*	3
	59 067	*IL21*	−2.438
	3593	*IL12B*	−1.754
	3605	*IL17A*	−7.594
	7124	*TNF*	−2.558

The molecular functions of the genes are provided in online supplement (Table S5).

(CST4) and cystatin-D (CST5), all of which increased (Table S4).

Analysis of nasal fluid proteins with ELISA in 23 patients with IAR

We analyzed if the proteins representing the different pathways in nasal fluids and biopsies would also change in an independent material consisting of nasal fluids from 23 patients with active IAR before and after treatment with GC. The following proteins were analyzed with ELISA, ALB and apoH (*acute phase response signaling* in nasal polyps), CCL2 and CC16 (*glucocorticoid receptor signaling* in nasal polyps), M-CSF and MIF (*role of macrophages, fibroblasts and endothelial cells in rheumatoid arthritis pathway* in nasal biopsies), TNFSF10 (*death receptor signaling* in nasal biopsies) and VEGFB (*VEGF signaling* in nasal biopsies). We also analyzed the extracellular protein that encoded by the most differentially expressed gene in nasal fluid cells with ELISA, namely CXCL6 (Fig. 1). As a control we measured ECP which is known to decrease in patients with IAR following treatment with GC. Indeed, ECP decreased from 25.5 ± 1.6 before

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Table 2 Differentially expressed extracellular genes in nasal biopsies from patients with intermittent allergic rhinitis versus healthy controls ordered by pathways

Canonical pathway	Entrez Gene ID	Gene symbol	Fold change
Acute phase response signaling	717	*C2*	10.949
	715	*C1R*	1.74
	716	*C1S*	−2.618
	720	*C4A*	2.945
	722	*C4BPA*	−3.849
	1356	*CP*	5.459
	2243	*FGA*	−2.416
	2266	*FGG*	−2.102
	3240	*HP*	66.644
	3557	*IL1RN*	1.686
	3699	*ITIH3*	−1.618
	3700	*ITIH4*	1.785
	4153	*MBL2*	−1.764
	5947	*RBP1*	1.548
	5949	*RBP3*	−1.643
	6288	*SAA1*	3.285
	12	*SERPINA3*	25.201
	5054	*SERPINE1*	7.329
	5176	*SERPINF1*	34.187
	710	*SERPING1*	196.342
	7124	*TNF*	3.449
	7450	*VWF*	46.486
Chemokine signaling	6347	*CCL2*	3.086
	6352	*CCL5*	1.98
	6354	*CCL7*	2.008
	6387	*CXCL12*	10.161
Complement signaling	717	*C2*	10.949
	715	*C1R*	1.74
	716	*C1S*	−2.618
	720	*C4A*	2.945
	722	*C4BPA*	−3.849
	731	*C8A*	−1.764
	733	*C8G*	1.506
	1675	*CFD*	1.877
	3075	*CFH*	17.297
	10 747	*MASP2*	2.249
	4153	*MBL2*	−1.764
Dendritic cell maturation signaling	1302	*COL11A2*	3.58
	1277	*COL1A1*	6.134
	1278	*COL1A2*	13.516
	1280	*COL2A1*	19.486
	1281	*COL3A1*	1.844
	3456	*IFNB1*	−3.032
	3500	*IGHG1*	310.029
	3586	*IL10*	−1.832
	3592	*IL12A*	−2.446
	3593	*IL12B*	−1.793
	3557	*IL1RN*	1.686
	51 561	*IL23A*	−1.589
	4049	*LTA*	4.814
	4050	*LTB*	2.258
	7124	*TNF*	3.449
Death receptor signaling	356	*FASLG*	−1.5
	7124	*TNF*	3.449
	8743	*TNFSF10*	17.424
	8742	*TNFSF12*	2.865
GC receptor signaling	6347	*CCL2*	3.086
	6352	*CCL5*	1.98
	1447	*CSN2*	−1.611
	2266	*FGG*	−2.102
	3458	*IFNG*	1.954
	3565	*IL4*	12.32
	3576	*IL8*	−1.726
	3586	*IL10*	−1.832
	3596	*IL13*	2.149
	3557	*IL1RN*	1.686
	5443	*POMC*	1.958
	7356	*SCGB1A1*	1.659
	5054	*SERPINE1*	7.329
	7040	*TGFB1*	3.614
	7124	*TNF*	3.449
IL4 signaling	3565	*IL4*	12.32
IL8 signaling	284	*ANGPT1*	−1.507
	285	*ANGPT2*	3.933
	2919	*CXCL1*	2.706
	1667	*DEFA1*	−1.707
	1950	*EGF*	2.879
	2277	*FIGF*	−1.811
	1839	*HBEGF*	1.727
	3576	*IL8*	−1.726
	4318	*MMP9*	2.317
	7423	*VEGFB*	7.89
	7424	*VEGFC*	−1.966
Role of macrophages, fibroblasts and endothelial cells in Rheumatoid Arthritis	715	*C1R*	1.74
	716	*C1S*	−2.618
	6347	*CCL2*	3.086
	6352	*CCL5*	1.98
	1435	*MCSF*	9.076
	6387	*CXCL12*	10.161
	2247	*FGF2*	1.781
	2277	*FIGF*	−1.811
	3240	*HP*	66.644
	3500	*IGHG1*	310.029
	3574	*IL7*	−1.717
	3576	*IL8*	−1.726
	3586	*IL10*	−1.832
	3557	*IL1RN*	1.686
	5653	*KLK6*	4.589
	11 012	*KLK11*	15.03
	4049	*LTA*	4.814
	4050	*LTB*	2.258
	4282	*MIF*	4.155
	4314	*MMP3*	−2.018
	4322	*MMP13*	−1.53
	25 891	*PAMR1*	−1.603
	5155	*PDGFB*	4.841

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Table 2 (Continued)

Canonical pathway	Entrez Gene ID	Gene symbol	Fold change
	5644	*PRSS1*	−1.599
	5646	*PRSS3*	2.114
	5657	*PRTN3*	−1.722
	7040	*TGFB1*	3.614
	7124	*TNF*	3.449
	7423	*VEGFB*	7.89
	7424	*VEGFC*	−1.966
	11 197	*WIF1*	−1.623
	7471	*WNT1*	−1.523
	54 361	*WNT4*	5.22
	7475	*WNT6*	3.53
	7480	*WNT10B*	2.883
	7474	*WNT5A*	4.618
	7476	*WNT7A*	2.19
VEGF signaling	2277	*FIGF*	−1.811
	7423	*VEGFB*	7.89
	7424	*VEGFC*	−1.966

The molecular functions of the genes are provided in online supplement (Table S5).

Table 3 Differentially expressed extracellular proteins in nasal fluids from patients with intermittent allergic rhinitis during season before and after treatment with glucocorticoids ordered by pathways

Canonical pathway	Entrez Gene ID	Gene symbol	Fold change
Acute phase response signaling	259	*AMBP*	−1.506
	325	*APCS*	−1.979
	727	*C5*	−1.695
	716	*C1S*	−1.669
	3700	*ITIH4*	−1.609
	3818	*KLKB1*	−1.581
	3053	*SERPIND1*	−1.505
Complement system signaling	727	*C5*	−1.695
	716	*C1S*	−1.669
	732	*C8B*	−1.809

The molecular functions of the genes are provided in online supplement (Table S5).

treatment to 20.1 ± 2.0 after treatment ($P < 0.003$). By contrast, CCL2 and M-CSF increased after treatment ($P < 0.023$ and $P < 0.004$, respectively) while CXCL6 and apoH decreased ($P < 0.048$ and $P < 0.007$, respectively) (Fig. 1). However, the other proteins did not change significantly, namely ALB (14.6 ± 1.2 vs 15.7 ± 1.1, $P = 0.211$), MIF (2727.5 ± 310.6 vs 2281.1 ± 289.7, $P = 0.292$), VEGFB (110.4 ± 8.7 vs 113.8 ± 9.3, $P = 0.747$), CC16 (22.2 ± 1.7 vs 23.3 ± 2.3, $P = 0.478$) and TNFSF10 (412.4 ± 75.9 vs 331.4 ± 60.6, $P = 0.187$).

Discussion

The identification of nasal fluid protein markers for response to GC treatment in IAR is complicated by the involvement of multiple cells and mediators in different compartments. In this study, we aimed to examine if novel protein markers could be identified by pathway-based analyses of genomic and proteomic high-throughput data from patients with IAR. Because nasal fluid proteins may be derived from nasal fluid cells as well as the nasal mucosa and plasma exudation, we analyzed not only nasal fluids but also nasal fluid cells and the nasal mucosa. To increase the feasibility of the identification of potential protein markers, we focused on differentially expressed extracellular genes that had high expression levels before or after GC treatment. Using this approach, we found that GC affected a wide variety of pathways, reflecting the complexity of allergic inflammation. In an independent analysis, we found that the observed changes in pathways were reflected by nasal fluid proteins that represented those pathways. There were considerable individual variations indicating that combinations of proteins that reflect those pathways may have potential as biomarkers for response to GC treatment in IAR.

To identify pathways and proteins that might be affected by GC in the nasal mucosa, we analyzed gene expression microarray data from nasal polyps from patients with IAR outside of the pollen season before and after treatment with GC. Nasal polyps may be used as a model for IAR because of their similarities in pathophysiological mechanisms and that polyps are more readily accessible for biopsy studies (19). However, we also analyzed gene expression microarray data from nasal biopsies from patients with untreated IAR during the season and healthy controls. This led to the identification of a wide variety of pathways, several of which have previously been implicated in IAR, such as *IL4*

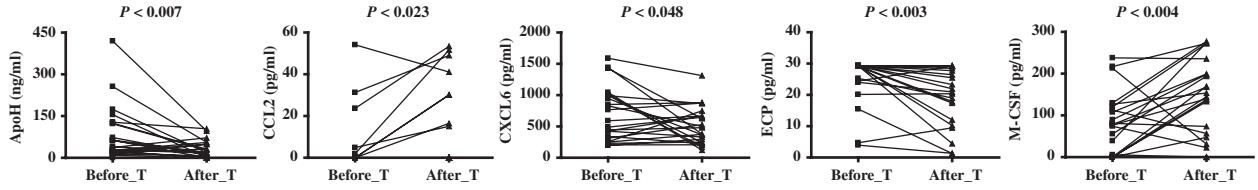


Figure 1 Analysis of proteins representing different pathways using ELISA. Nasal fluids from 23 Italian patients with intermittent allergic rhinitis before and after treatment were analyzed. Before_T, patients before treatment with glucocorticoids (GC); After_T, patients after treatment with GC.

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signaling, *IL8* signaling and *VEGF* signaling (20). Moreover, the effects of GCs on proteins representing those pathways have been studied in nasal fluids from patients with IAR (9). In this study, we focused on selecting proteins that had not previously been studied in nasal fluids from GC-treated patients.

Proteomic analysis of nasal fluids showed that the most significant pathways were *acute phase response signaling* and *complement system signaling*. These pathways contained serum proteins that enter the nasal fluids through extravasation from postcapillary venules. This process is thought to have a key role in IAR in that it allows acute local delivery of inflammatory cells and proteins as well as fluid that helps wash away pollen and cellular debris (21). Previous studies indicate that GC inhibits plasma extravasation in natural IAR but has more complex effects in allergen-challenge studies (22).

In contrast to the nasal mucosa and nasal fluids, gene expression microarray analysis of nasal fluid cells resulted in a small number of differentially expressed genes, which did not belong to any known immune-related pathway. This may indicate that, from an inflammatory perspective, nasal fluid cells play a smaller role than nasal mucosal cells and plasma exudation. We selected one of the most differentially expressed genes, *CXCL6*, a chemokine that has not been previously described in IAR.

The selected proteins were analyzed in an independent material of nasal fluids from patients with active IAR before and after GC treatment. We found that four novel proteins did change in concentrations following treatment with GC, namely CCL2, M-CSF, CXCL6 and apoH. As expected, ECP levels showed a significant decrease. CCL2 and CXCL6 are chemoattractants for T cells and eosinophils that increase in asthma (23–26). M-CSF induces proliferation of T cells (27) but has not been previously described in allergy. ApoH is a pleiotropic serum protein, which is novel in allergy, but has been implicated in Th2-like responses in Sjögren's syndrome (28).

However, five other proteins that were selected based on the pathway analysis did not change in the independent material. One reason could be lack of compliance. The concurrent decrease of ECP makes this less likely. Other explanations include the limitations of high-throughput studies. Changes in mRNA expression detected by microarrays do not necessarily reflect corresponding protein changes. Further, the results obtained from iTRAQ-based high-throughput proteomic method could be affected by the methodological limitations like error prone reassembly process and difficulties in differentiating between isoforms. Additionally, the pathway-based analysis may be confounded by limited knowledge about pathways and how those differ between cells and tissues. For example, the proteomic analysis of nasal fluid showed that three cystatins, namely CST1, CST4 and CST5, were among the proteins whose levels increased most following GC treatment. These cystatins were not part of a pathway that changed significantly and therefore not selected for analysis in the validation material in this study (29). However, these proteins may have an important role in IAR as well as in explaining the beneficial effects of GC treatment: they may decrease the IgE-inducing immunogenicity of cysteine protease allergens (29). On the other hand, pathway-based analysis has the advantage of detecting groups of functionally related genes whose expression change together. This may imply greater biological significance that changes of individual genes. Moreover, it is likely that in the near future improved knowledge of pathways may increase the efficacy of pathway-based analysis to identify diagnostic markers. Another problem is the variability of protein expression. An example of this is CC16, an anti-inflammatory protein, whose expression levels changed in the high-throughput analyses, but not in the independent material. Previous studies have shown contradictory effects of GCs on CC16 expression, which may also be linked to genetic variants in this gene (30–33).

It is increasingly recognized that gene expression is at least in part genetically determined. Thus, individual variations in gene and protein expression may be one explanation for the difficulties in finding biomarkers in IAR (34). On the other hand, such variations may reflect individual variations in disease severity and response to treatment. Another important aspect is variable dilution of nasal fluids. However, because that dilution factor is the same for each protein in the same nasal fluid sample, this suggests that the relations between combinations of proteins may be used as diagnostic markers. The diagnostic potential of combinations of proteins has been demonstrated in cardiac diseases (35). Further studies of large materials are warranted to examine individual variations and if combinations of proteins can be used as diagnostic markers in IAR and other allergic diseases. Ideally, such studies should be based on parallel analyses of nasal fluid cells, nasal fluids and the nasal mucosa using combined genomic and proteomic high-throughput methods.

In summary, pathway analysis of genomic and proteomic high-throughput data may be used as a complementary approach to identify potential diagnostic markers in IAR. The same principle may be generally applicable to allergic diseases.

Acknowledgment

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Supporting Information

Additional Supporting Information may be found in the online version of this article:

Data S1. Online supplementary methods.
Table S1. Differentially expressed genes in nasal fluid cells from patients with IAR during season before and after treatment.

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Table S2. Differentially expressed genes in nasal polyps from patients with IAR during season before and after treatment.
Table S3. Differentially expressed genes in nasal biopsies from patients with IAR versus healthy controls.
Table S4. Differentially expressed proteins in nasal fluids from patients with IAR during season before and after treatment.
Table S5. Molecular function of differentially expressed genes and proteins from the enriched pathways.

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Online supplement

A pathway-based approach to find novel markers of local glucocorticoid treatment in intermittent allergic rhinitis

Short title: Markers of GC treatment in intermittent allergic rhinitis

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iTRAQ-based proteomic analysis

Sample preparation

All Nasal fluid samples (2 x 1.5 ml each, 14 samples, 28 tubes) were lyophilized and reconstructed in 100 µl water / tube. Each sample of 2 tubes was pooled (200 µl / sample) and quantified using Pierce BCA Protein Assay (Thermo Scientific, Basel, Switzerland). 100 µg of each sample were withdrawn and diluted to 200 µl. Non-protein impurities were removed by quantitative precipitation clean-up using ProteoExtract® Protein Precipitation (Calbiochem, San Diego, CA, USA). The pellets were dissolved in iTRAQ® Dissolution Buffer with the addition of 1µl 2 % SDS (iTRAQ®, Applied Biosystems, Foster City, CA, USA) and the samples were digested with trypsin (Promega, Madison, WI, USA), reduced and alkylated. Each four-plex set consisting of one pooled standard sample and three different patient sample were then labeled with the iTRAQ® reagent 114, 115, 116, and 117 respectively following manufacturer's instructions (Applied Biosystems, Foster City, CA, USA).

Strong Cation Exchange Chromatography (SCX) of iTRAQ-labeled Peptides

The concentrated peptides were acidified by 10% formic acid and diluted with SCX solvent A (25 mM ammonium formate, pH 2.8, 20% acetonitrile (ACN)) and injected onto a PolySULFOETHYL A SCX column (2.1 mm i.d. × 10 cm length, 5 µm particle size, 300 Å pore size). SCX chromatography and fractionation was carried out on an ÄKTA purifier system (GE Healthcare, Waukesha, WI, USA) at 0.25 ml/min flow rate using the following gradient: 0% B (500 mM ammonium formate, pH 2.8, 20% ACN) for 5 min; 0-40% B for 20 min; 40-100% B for 10 min and 100% B held for 10 min. UV absorbance at 254 and 280 nm was monitored while fractions were collected at 0.5 mL intervals and dried down in a SpeedVac. The peptide containing fractions (10) were desalted on PepClean C18 spin

columns according to manufacturer's instructions (Thermo Fisher Scientific, Inc., Waltham, MA, USA).

LC-MS/MS Analysis on LTQ-Orbitrap

The desalted and dried fractions were reconstituted into 0.1 % formic acid and analyzed on a LTQ-Orbitrap XL (Thermo Fisher Scientific, Inc., Waltham, MA, USA) interfaced with an in-house constructed nano-LC system, described elsewere (1). Briefly, Two-microliter sample injections were made with an HTC-PAL autosampler (CTC Analytics AG, Zwingen, Switzerland) connected to an Agilent 1200 binary pump (Agilent Technologies, Inc., Palo Alto, CA, USA). The peptides were trapped on a precolumn (45 x 0.075 mm i.d.) and separated on a reversed phase column, 200 x 0.050 mm. Both columns are packed in-house with 3 μm Reprosil-Pur C18-AQ particles. The flow through the analytical column was reduced by a split to approximately 100 nl/min and the gradient was as followed; 0-5 min 0.1 % formic acid, 6-73 min 5-40% ACN, 0.1% formic acid, 74-75 min 80% ACN 0.1% formic acid.

LTQ-Orbitrap settings were: spray voltage 1.4 kV, 1 microscan for MS1 scans at 60 000 resolutions (m/z 400), full MS mass range m/z 400-2000. The LTQ-Orbitrap was operated in a data-dependent mode, that is, one MS1 FTMS scan precursor ions followed by CID (collision induced dissociation) and HCD (high energy collision dissociation), MS2 scans of the three most abundant doubly or triply protonated ions in each FTMS scan. The settings for the MS2 were as follows: 1 microscans for HCD-MS2 at 7500 resolution (at m/z 400), mass range m/z 100-2000 with a collision energy of 50%, 1 microscans for CID-MS2 with a collision energy of 30%.

Database Search and iTRAQ Quantification.

MS raw data files from all 10 SCX fractions for one 4-plex iTRAQ set were merged for relative quantification and identification using Proteome Discoverer version 1.1 (Thermo Fisher Scientific, Inc., Waltham, MA, USA). Database search for each set were performed by Mascot search engine using the following critera: homo sapiens in Swissprot version 57.15, MS peptide tolerance as 5 ppm, MS/MS tolerance as 0.05 Da, trypsin digestion allowing 2 misscleavages with variable modifications; methionine oxidation, cysteine methylthiolation, tyrosine iTRAQ4plex (+144 Da) and fixed modifications; N-terminal iTRAQ4plex, lysine iTRAQ4plex. The detected protein threshold in the software was set to 95% confidence and identified proteins were grouped by sharing the same sequences to minimize redundancy.

For iTRAQ quantification, the ratios of iTRAQ reporter ion intensities in MS/MS spectra (m/z 114.11-117.11) from raw data sets were used to calculate fold changes between samples. Ratio were derived by Proteome Discoverer version 1.1 using the following criteria: fragment ion tolerance as 50 ppm for the most confident centroid peak, iTRAQ reagent purity corrections factors are used and missing values are replaced with minimum intensity. Only peptides unique for a given protein were considered for relative quantitation, excluding those common to other isoforms or proteins of the same family. The results were then exported into Excel for manual data interpretation.

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Table S1. Differentially expressed genes in nasal fluid cells from patients with IAR during season before and after treatment

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
6620209	2210	*FCGR1B*	1.502	2.832
520086	2209	*FCGR1A*	1.395	2.630
60192	6372	*CXCL6*	1.270	2.412
3390687	4210	*MEFV*	1.254	2.384
360626	80790	*CMIP*	0.890	1.853
1260136	1955	*MEGF9*	0.843	1.794
4900079	51720	*UIMC1*	0.815	1.759
1470215	1326	*MAP3K8*	0.775	1.712
4540273	8916	*HERC3*	0.754	1.687
6660768	359948	*IRF2BP2*	0.748	1.679
5130543	6651	*SON*	0.739	1.669
2750184	808	*CALM3*	0.691	1.615
130309	1027	*CDKN1B*	0.691	1.614
3990273	441531	*PGAM4*	0.691	1.614
5360672	901	*CCNG2*	0.680	1.602
3420164	64581	*CLEC7A*	0.673	1.594
3890521	162989	*DEDD2*	0.656	1.576
2650521	4043	*LRPAP1*	0.617	1.534
5340187	7846	*TUBA1A*	0.610	1.526
4830338	9985	*REC8*	0.610	1.526
4250048	112616	*CMTM7*	0.603	1.519
3610162	3423	*IDS*	0.602	1.518
2120451	4179	*CD46*	0.601	1.517
5490433	103	*ADAR*	0.592	1.507
1440296	3021	*H3F3B*	0.589	1.504
460072	10651	*MTX2*	-0.585	-1.501
6110095	80071	*CCDC15*	-0.592	-1.508
50600	5284	*PIGR*	-0.595	-1.510
580719	79866	*C13ORF34*	-0.597	-1.513
7610189	51123	*ZNF706*	-0.601	-1.517
580403	1687	*DFNA5*	-0.601	-1.517
1010068	2286	*FKBP2*	-0.602	-1.518
940672	55343	*SLC35C1*	-0.605	-1.521

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
1340647	54433	*NOLA1*	-0.606	-1.522
5810201	51042	*ZNF593*	-0.606	-1.523
3180445	122616	*C14ORF79*	-0.607	-1.523
3990739	8645	*KCNK5*	-0.609	-1.525
3850228	9406	*ZRANB2*	-0.614	-1.531
2710463	123096	*SLC25A29*	-0.617	-1.534
5720398	91942	*NDUFAF2*	-0.623	-1.540
1780537	154664	*ABCA13*	-0.623	-1.541
3610112	9727	*RAB11FIP3*	-0.626	-1.543
1690521	9112	*MTA1*	-0.627	-1.544
450176	9949	*AMMECR1*	-0.627	-1.544
3460187	6675	*UAP1*	-0.630	-1.548
7000411	29083	*GTPBP8*	-0.633	-1.551
1440470	7442	*TRPV1*	-0.634	-1.551
60427	4925	*NUCB2*	-0.634	-1.552
2060338	203111	*C8ORF47*	-0.634	-1.552
7560367	4090	*SMAD5*	-0.636	-1.554
3840360	113251	*LARP4*	-0.636	-1.554
1780348	2271	*FH*	-0.645	-1.563
5220653	4677	*NARS*	-0.648	-1.567
4290017	22874	*PLEKHA6*	-0.650	-1.569
5570309	9984	*THOC1*	-0.653	-1.573
3370100	54843	*SYTL2*	-0.655	-1.574
6270703	9370	*APM-1*	-0.655	-1.574
4120309	57002	*C7ORF36*	-0.664	-1.584
6760440	5349	*FXYD3*	-0.670	-1.591
6620670	84128	*WDR75*	-0.671	-1.592
520196	29889	*GNL2*	-0.672	-1.593
6620600	23300	*ATMIN*	-0.673	-1.594
6110541	339324	*ZNF260*	-0.676	-1.598
5340100	51318	*MRPL35*	-0.685	-1.608
5700431	197335	*WDR90*	-0.696	-1.620
3800279	10873	*ME3*	-0.700	-1.624
4150438	9209	*LRRFIP2*	-0.702	-1.627
1170524	84279	*C2ORF7*	-0.706	-1.631

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
2340601	9949	*AMMECR1*	-0.707	-1.632
6980435	7775	*ZNF232*	-0.712	-1.639
3710202	4485	*MST1*	-0.722	-1.649
4250059	54979	*HRASLS2*	-0.724	-1.651
2710747	23230	*VPS13A*	-0.734	-1.663
5570348	153769	*SH3RF2*	-0.747	-1.678
830661	131566	*DCBLD2*	-0.801	-1.743
6510377	51330	*TNFRSF12A*	-0.806	-1.748
5820601	595	*CCND1*	-0.811	-1.754
4590154	29801	*ZDHHC8*	-0.813	-1.757
1660593	55605	*KIF21A*	-0.816	-1.760
3940500	130497	*OSR1*	-0.833	-1.782
2000646	8702	*B4GALT4*	-0.840	-1.790
6840328	4088	*SMAD3*	-0.847	-1.798
730612	5654	*HTRA1*	-0.847	-1.799
6980632	114783	*LMTK3*	-0.885	-1.846
1170300	4495	*MT1G*	-0.901	-1.867
870390	64798	*DEPDC6*	-0.935	-1.912
770561	116151	*C20ORF108*	-0.937	-1.914
20647	84168	*ANTXR1*	-1.017	-2.023
5890100	415117	*STX19*	-1.031	-2.044
3170300	9788	*MTSS1*	-1.034	-2.048
4850289	10979	*FERMT2*	-1.062	-2.088
7550386	1592	*CYP26A1*	-1.202	-2.301
4390575	128434	*VSTM2L*	-1.246	-2.372

FC- Fold Change; Abs_FC- Absolute Fold Change.

Table S2. Differentially expressed genes in nasal polyps from patients with IAR during season before and after treatment

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
217929_s_at	79932	*KIAA0319L*	3.698	12.975
214682_at	399491	*LOC399491*	3.607	12.181
220633_s_at	50809	*HP1BP3*	3.422	10.717
208893_s_at	1848	*DUSP6*	3.285	9.749
215201_at	85021	*REPS1*	3.138	8.800
204182_s_at	23099	*ZBTB43*	3.062	8.352
215604_x_at	---	---	2.987	7.926
212141_at	4173	*MCM4*	2.966	7.816
202067_s_at	3949	*LDLR*	2.910	7.518
214833_at	9725	*TMEM63A*	2.892	7.425
222104_x_at	2967	*GTF2H3*	2.885	7.386
215200_x_at	---	---	2.874	7.329
214757_at	5380	*PMS2L2*	2.860	7.258
214802_at	23265	*EXOC7*	2.851	7.216
214912_at	---	---	2.846	7.191
215281_x_at	23126	*POGZ*	2.821	7.067
203548_s_at	4023	*LPL*	2.805	6.989
217591_at	6498	*SKIL*	2.788	6.907
214877_at	54901	*CDKAL1*	2.776	6.851
207730_x_at	---	---	2.766	6.802
204013_s_at	9836	*LCMT2*	2.723	6.602
215209_at	9871	*SEC24D*	2.700	6.500
215067_x_at	7001	*PRDX2*	2.700	6.497
212949_at	23397	*NCAPH*	2.697	6.483
204263_s_at	1376	*CPT2*	2.626	6.172
209116_x_at	3043	*HBB*	2.604	6.082
209959_at	8013	*NR4A3*	2.549	5.854
214594_x_at	5205	*ATP8B1*	2.531	5.778
215197_at	---	---	2.530	5.776
207837_at	11030	*RBPMS*	2.523	5.747
203676_at	2799	*GNS*	2.522	5.746
211119_at	2100	*ESR2*	2.513	5.710
220007_at	79828	*METTL8*	2.478	5.572
218564_at	55159	*RFWD3*	2.477	5.566
215401_at	---	---	2.474	5.556
206980_s_at	2323	*FLT3LG*	2.434	5.405
222111_at	---	---	2.432	5.395
202768_at	2354	*FOSB*	2.424	5.367
214815_at	51592	*TRIM33*	2.408	5.307
210043_at	83786	*FRMD8*	2.399	5.273
215626_at	---	---	2.392	5.247
201971_s_at	523	*ATP6V1A*	2.383	5.215
205908_s_at	4958	*OMD*	2.334	5.043
213432_at	727897	*MUC5B*	2.328	5.022
211607_x_at	1956	*EGFR*	2.326	5.016

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
217232_x_at	3043	*HBB*	2.321	4.998
207517_at	3918	*LAMC2*	2.301	4.929
212000_at	10147	*SFRS14*	2.291	4.893
215350_at	23345	*SYNE1*	2.282	4.863
205240_at	29899	*GPSM2*	2.276	4.842
221521_s_at	51659	*GINS2*	2.262	4.796
208246_x_at	---	---	2.257	4.779
217679_x_at	---	---	2.256	4.776
220919_s_at	80217	*C10orf79*	2.233	4.703
1053_at	5982	*RFC2*	2.232	4.696
219857_at	79949	*C10orf81*	2.223	4.668
205727_at	7011	*TEP1*	2.207	4.617
215529_x_at	23181	*DIP2A*	2.190	4.562
221017_s_at	81543	*LRRC3*	2.144	4.421
217653_x_at	---	---	2.131	4.380
204560_at	2289	*FKBP5*	2.127	4.368
215268_at	643314	*KIAA0754*	2.116	4.335
207291_at	79056	*PRRG4*	2.109	4.313
210104_at	10001	*MED6*	2.108	4.312
207124_s_at	10681	*GNB5*	2.101	4.291
205031_at	1949	*EFNB3*	2.097	4.278
210679_x_at	---	---	2.092	4.263
214633_at	6658	*SOX3*	2.089	4.254
216758_at	---	---	2.087	4.250
214715_x_at	90338	*ZNF160*	2.085	4.244
217893_s_at	79647	*AKIRIN1*	2.078	4.222
208295_x_at	1444	*CSHL1*	2.077	4.220
220494_s_at	---	---	2.076	4.217
208483_x_at	3883	*KRT33A*	2.075	4.213
214535_s_at	9509	*ADAMTS2*	2.070	4.198
205725_at	7356	*SCGB1A1*	2.041	4.116
215029_at	---	---	2.037	4.103
202226_s_at	1398	*CRK*	2.037	4.103
204186_s_at	5481	*PPID*	2.025	4.069
216187_x_at	---	---	2.022	4.062
204545_at	5190	*PEX6*	2.020	4.055
217414_x_at	3039	*HBA1*	2.015	4.041
209865_at	23443	*SLC35A3*	2.013	4.037
208991_at	6774	*STAT3*	2.010	4.029
214507_s_at	23404	*EXOSC2*	2.009	4.024
209344_at	7171	*TPM4*	1.997	3.993
203904_x_at	3732	*CD82*	1.996	3.989
215043_s_at	11039	*SMA4*	1.996	3.988
208992_s_at	6774	*STAT3*	1.990	3.973
211696_x_at	3043	*HBB*	1.990	3.972
200908_s_at	6181	*RPLP2*	1.990	3.972
207756_at	---	---	1.985	3.958
209458_x_at	3039	*HBA1*	1.983	3.954

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
203128_at	9517	*SPTLC2*	1.981	3.947
217519_at	---	---	1.978	3.939
214805_at	1973	*EIF4A1*	1.973	3.926
215624_at	7249	*TSC2*	1.968	3.912
211452_x_at	9208	*LRRFIP1*	1.968	3.912
215924_at	---	---	1.960	3.892
204882_at	9938	*ARHGAP25*	1.953	3.872
216813_at	---	---	1.947	3.854
209980_s_at	6470	*SHMT1*	1.943	3.844
205046_at	1062	*CENPE*	1.941	3.839
212695_at	1408	*CRY2*	1.938	3.832
212022_s_at	4288	*MKI67*	1.938	3.832
208467_at	11278	*KLF12*	1.935	3.824
214656_x_at	4641	*MYO1C*	1.925	3.798
215387_x_at	---	---	1.922	3.790
214604_at	3237	*HOXD11*	1.913	3.765
210693_at	56928	*SPPL2B*	1.908	3.753
216855_s_at	3192	*HNRNPU*	1.907	3.751
206169_x_at	23264	*ZC3H7B*	1.904	3.741
217586_x_at	---	---	1.902	3.737
215123_at	100288332	*LOC100288332*	1.897	3.723
219341_at	2055	*CLN8*	1.896	3.722
205964_at	79088	*ZNF426*	1.896	3.721
208546_x_at	8345	*HIST1H2BH*	1.893	3.713
209162_s_at	9128	*PRPF4*	1.889	3.704
210764_s_at	3491	*CYR61*	1.886	3.697
216866_s_at	7373	*COL14A1*	1.884	3.690
216805_at	---	---	1.877	3.673
214647_s_at	3077	*HFE*	1.875	3.669
218293_x_at	10762	*NUP50*	1.870	3.656
212018_s_at	26156	*RSL1D1*	1.869	3.654
209680_s_at	3833	*KIFC1*	1.865	3.643
213286_at	51663	*ZFR*	1.860	3.630
214902_x_at	---	---	1.856	3.621
219249_s_at	60681	*FKBP10*	1.853	3.614
213415_at	1193	*CLIC2*	1.848	3.600
214292_at	3691	*ITGB4*	1.848	3.600
204018_x_at	3039	*HBA1*	1.846	3.595
205594_at	22834	*ZNF652*	1.845	3.593
217656_at	6597	*SMARCA4*	1.840	3.580
212670_at	2006	*ELN*	1.836	3.571
219861_at	55192	*DNAJC17*	1.835	3.568
203099_s_at	9425	*CDYL*	1.833	3.562
211057_at	4919	*ROR1*	1.832	3.561
214692_s_at	8629	*JRK*	1.830	3.554
220720_x_at	80097	*FAM128B*	1.817	3.524
206059_at	7644	*ZNF91*	1.814	3.515
209294_x_at	8795	*TNFRSF10B*	1.814	3.515

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
214579_at	57185	*NIPAL3*	1.811	3.509
215012_at	26036	*ZNF451*	1.811	3.509
218894_s_at	55110	*MAGOHB*	1.809	3.503
210368_at	9708	*PCDHGA8*	1.797	3.475
216109_at	23389	*MED13L*	1.795	3.469
216983_s_at	7767	*ZNF224*	1.794	3.468
206391_at	5918	*RARRES1*	1.791	3.460
208358_s_at	7368	*UGT8*	1.790	3.459
219609_at	79446	*WDR25*	1.786	3.449
209777_s_at	6573	*SLC19A1*	1.782	3.439
37802_r_at	54629	*FAM63B*	1.781	3.437
210387_at	8339	*HIST1H2BG*	1.780	3.434
210984_x_at	1956	*EGFR*	1.779	3.432
219392_x_at	55771	*PRR11*	1.778	3.429
207740_s_at	23636	*NUP62*	1.770	3.410
214414_x_at	3039	*HBA1*	1.766	3.401
203619_s_at	23017	*FAIM2*	1.754	3.374
202976_s_at	22836	*RHOBTB3*	1.753	3.371
214826_at	201626	*PDE12*	1.753	3.371
216360_x_at	23223	*RRP12*	1.752	3.369
217857_s_at	9939	*RBM8A*	1.751	3.366
210735_s_at	771	*CA12*	1.749	3.362
215555_at	---	---	1.743	3.347
216804_s_at	10611	*PDLIM5*	1.740	3.341
215086_at	25998	*IBTK*	1.739	3.338
203838_s_at	10188	*TNK2*	1.738	3.337
215353_at	---	---	1.730	3.317
215647_at	64062	*RBM26*	1.725	3.307
208575_at	8350	*HIST1H3A*	1.725	3.305
219408_at	54496	*PRMT7*	1.723	3.301
216188_at	10408	*MYCNOS*	1.721	3.297
204292_x_at	6794	*STK11*	1.719	3.291
216992_s_at	2918	*GRM8*	1.718	3.290
214808_at	---	---	1.713	3.279
211745_x_at	3039	*HBA1*	1.713	3.278
220500_s_at	11159	*RABL2A*	1.711	3.273
215073_s_at	7026	*NR2F2*	1.705	3.261
219837_s_at	54360	*CYTL1*	1.696	3.241
220796_x_at	79939	*SLC35E1*	1.696	3.240
201411_s_at	55041	*PLEKHB2*	1.694	3.236
216167_at	10446	*LRRN2*	1.690	3.226
220582_at	---	---	1.685	3.216
221360_s_at	2693	*GHSR*	1.673	3.188
202817_s_at	6760	*SS18*	1.670	3.182
210402_at	3758	*KCNJ1*	1.670	3.182
216858_x_at	---	---	1.669	3.181
204126_s_at	8318	*CDC45L*	1.667	3.176
215208_x_at	6165	*RPL35A*	1.666	3.174

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
222207_x_at	441258	*LOC441258*	1.666	3.173
210559_s_at	983	*CDC2*	1.659	3.158
210824_at	---	---	1.659	3.157
216926_s_at	23383	*KIAA0892*	1.657	3.154
213589_s_at	146712	*B3GNTL1*	1.651	3.140
220038_at	56260	*C8orf44*	1.650	3.137
201890_at	6241	*RRM2*	1.644	3.126
214718_at	57798	*GATAD1*	1.643	3.123
207826_s_at	3399	*ID3*	1.641	3.120
204470_at	2919	*CXCL1*	1.637	3.109
205570_at	5305	*PIP4K2A*	1.633	3.102
210289_at	9027	*NAT8*	1.626	3.086
201043_s_at	8125	*ANP32A*	1.620	3.073
220503_at	6561	*SLC13A1*	1.618	3.070
216228_s_at	11169	*WDHD1*	1.616	3.065
214670_at	7586	*ZKSCAN1*	1.615	3.063
204384_at	2801	*GOLGA2*	1.612	3.057
201291_s_at	7153	*TOP2A*	1.611	3.054
220710_at	80035	*C15orf28*	1.611	3.054
203989_x_at	2149	*F2R*	1.610	3.053
210510_s_at	8829	*NRP1*	1.608	3.049
216257_at	5275	*SERPINB13*	1.608	3.048
220804_s_at	7161	*TP73*	1.607	3.047
208564_at	3737	*KCNA2*	1.602	3.036
213747_at	---	---	1.602	3.035
202122_s_at	10226	*PLIN3*	1.601	3.034
220434_at	79934	*ADCK4*	1.599	3.029
220383_at	64240	*ABCG5*	1.598	3.027
217526_at	84901	*NFATC2IP*	1.590	3.010
211699_x_at	3039	*HBA1*	1.587	3.005
206295_at	3606	*IL18*	1.585	3.000
202833_s_at	5265	*SERPINA1*	1.583	2.996
221499_s_at	8675	*STX16*	1.582	2.993
215616_s_at	23030	*KDM4B*	1.581	2.992
205521_at	9941	*EXOG*	1.579	2.988
209441_at	23221	*RHOBTB2*	1.575	2.980
216974_at	---	---	1.570	2.969
216978_x_at	---	---	1.568	2.965
207060_at	2020	*EN2*	1.565	2.958
217701_x_at	---	---	1.564	2.957
201862_s_at	9208	*LRRFIP1*	1.561	2.951
220800_s_at	29766	*TMOD3*	1.560	2.948
202628_s_at	5054	*SERPINE1*	1.559	2.947
205233_s_at	5051	*PAFAH2*	1.555	2.939
210350_x_at	3621	*ING1*	1.554	2.937
220176_at	80224	*NUBPL*	1.553	2.934
220247_at	57082	*CASC5*	1.553	2.933
209053_s_at	7468	*WHSC1*	1.550	2.927

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
208963_x_at	3992	*FADS1*	1.546	2.919
206392_s_at	5918	*RARRES1*	1.543	2.913
206482_at	5753	*PTK6*	1.542	2.911
208485_x_at	8837	*CFLAR*	1.540	2.908
202820_at	196	*AHR*	1.536	2.900
209773_s_at	6241	*RRM2*	1.532	2.892
213042_s_at	489	*ATP2A3*	1.531	2.890
216206_x_at	5609	*MAP2K7*	1.528	2.884
204078_at	10609	*SC65*	1.526	2.880
203995_at	755	*C21orf2*	1.526	2.880
212040_at	10618	*TGOLN2*	1.521	2.871
220516_at	54993	*ZSCAN2*	1.520	2.867
201289_at	3491	*CYR61*	1.518	2.863
215359_x_at	51710	*ZNF44*	1.517	2.863
221801_x_at	4747	*NEFL*	1.510	2.849
215013_s_at	9736	*USP34*	1.508	2.843
216850_at	6638	*SNRPN*	1.507	2.842
206551_x_at	54800	*KLHL24*	1.505	2.839
214999_s_at	9727	*RAB11FIP3*	1.503	2.833
221436_s_at	83461	*CDCA3*	1.502	2.833
215404_x_at	2260	*FGFR1*	1.498	2.825
220312_at	54854	*FAM83E*	1.498	2.825
214714_at	84124	*ZNF394*	1.495	2.819
203242_s_at	10611	*PDLIM5*	1.494	2.817
210268_at	4799	*NFX1*	1.492	2.813
214991_s_at	84720	*PIGO*	1.488	2.806
207714_s_at	871	*SERPINH1*	1.488	2.804
211336_x_at	10859	*LILRB1*	1.485	2.800
217513_at	284021	*C17orf60*	1.484	2.797
210393_at	8549	*LGR5*	1.478	2.787
221520_s_at	55143	*CDCA8*	1.474	2.778
216585_at	---	---	1.464	2.759
216297_at	---	---	1.459	2.750
217172_at	---	---	1.459	2.750
AFFX-r2-Bs-dap-3_at	---	---	1.459	2.750
214940_s_at	23293	*SMG6*	1.459	2.749
217631_at	23560	*GTPBP4*	1.457	2.746
215978_x_at	152719	*LOC152719*	1.457	2.746
210576_at	11283	*CYP4F8*	1.453	2.738
217098_s_at	9753	*ZSCAN12*	1.453	2.737
205048_s_at	5723	*PSPH*	1.452	2.736
211862_x_at	8837	*CFLAR*	1.451	2.734
204338_s_at	5999	*RGS4*	1.450	2.732
215259_s_at	199731	*CADM4*	1.449	2.731
200784_s_at	4035	*LRP1*	1.449	2.730
203821_at	1839	*HBEGF*	1.446	2.724
35436_at	2801	*GOLGA2*	1.445	2.722
215375_x_at	9208	*LRRFIP1*	1.445	2.722

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206817_x_at	11189	*TNRC4*	1.443	2.719
215648_at	---	---	1.442	2.717
217151_at	---	---	1.438	2.710
202099_s_at	9993	*DGCR2*	1.437	2.707
202765_s_at	2200	*FBN1*	1.436	2.706
204162_at	10403	*NDC80*	1.433	2.700
202580_x_at	2305	*FOXM1*	1.433	2.700
209151_x_at	6929	*TCF3*	1.431	2.696
219105_x_at	23594	*ORC6L*	1.430	2.695
204904_at	2701	*GJA4*	1.430	2.694
211581_x_at	7940	*LST1*	1.429	2.693
220487_at	54221	*SNTG2*	1.428	2.691
221870_at	30846	*EHD2*	1.427	2.688
203243_s_at	10611	*PDLIM5*	1.426	2.688
201671_x_at	9097	*USP14*	1.422	2.679
210045_at	3418	*IDH2*	1.420	2.676
208291_s_at	7054	*TH*	1.419	2.674
211518_s_at	652	*BMP4*	1.418	2.672
216198_at	55729	*ATF7IP*	1.418	2.671
219650_at	54821	*ERCC6L*	1.417	2.671
205537_s_at	7410	*VAV2*	1.417	2.670
216782_at	---	---	1.415	2.667
214967_at	---	---	1.411	2.659
204317_at	51512	*GTSE1*	1.410	2.658
220820_at	---	---	1.408	2.654
207133_x_at	80216	*ALPK1*	1.407	2.653
205824_at	3316	*HSPB2*	1.406	2.650
217616_at	---	---	1.405	2.649
206712_at	79774	*GRTP1*	1.402	2.643
215619_at	---	---	1.401	2.641
220411_x_at	79883	*PODNL1*	1.401	2.641
208258_s_at	10634	*GAS2L1*	1.398	2.636
220215_at	79862	*ZNF669*	1.398	2.635
205304_s_at	3764	*KCNJ8*	1.396	2.632
215874_at	---	---	1.394	2.629
206829_x_at	80264	*ZNF430*	1.394	2.628
213206_at	9570	*GOSR2*	1.394	2.628
203943_at	9371	*KIF3B*	1.394	2.628
218039_at	51203	*NUSAP1*	1.393	2.627
218542_at	55165	*CEP55*	1.392	2.624
216524_x_at	---	---	1.392	2.624
214992_s_at	1777	*DNASE2*	1.387	2.615
215083_at	---	---	1.386	2.613
211525_s_at	2814	*GP5*	1.385	2.612
200755_s_at	813	*CALU*	1.381	2.604
211300_s_at	7157	*TP53*	1.379	2.601
217113_at	23600	*AMACR*	1.377	2.596
207285_x_at	1444	*CSHL1*	1.376	2.595

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
209508_x_at	8837	*CFLAR*	1.373	2.591
203549_s_at	4023	*LPL*	1.366	2.578
213439_x_at	10900	*RUNDC3A*	1.363	2.572
209000_s_at	---	*40429*	1.363	2.572
205862_at	9687	*GREB1*	1.363	2.571
202339_at	8189	*SYMPK*	1.360	2.567
206164_at	9635	*CLCA2*	1.358	2.563
222272_x_at	85477	*SCIN*	1.356	2.560
202685_s_at	558	*AXL*	1.354	2.557
210721_s_at	57144	*PAK7*	1.352	2.552
218653_at	10166	*SLC25A15*	1.352	2.552
216352_x_at	56112	*PCDHGA3*	1.350	2.548
215315_at	256051	*ZNF549*	1.349	2.547
204318_s_at	51512	*GTSE1*	1.347	2.544
217170_at	---	---	1.347	2.544
208607_s_at	6288	*SAA1*	1.345	2.541
202224_at	1398	*CRK*	1.344	2.539
221317_x_at	56130	*PCDHB6*	1.342	2.534
210858_x_at	472	*ATM*	1.339	2.530
220354_at	100134018	*hCG_1774568*	1.336	2.524
217640_x_at	220134	*SKA1*	1.334	2.521
206211_at	6401	*SELE*	1.333	2.519
202739_s_at	5257	*PHKB*	1.333	2.519
212605_s_at	---	---	1.325	2.505
205684_s_at	55667	*DENND4C*	1.323	2.502
221872_at	5918	*RARRES1*	1.321	2.499
204004_at	5074	*PAWR*	1.321	2.498
202340_x_at	3164	*NR4A1*	1.320	2.497
218798_at	65095	*KRI1*	1.318	2.494
211330_s_at	3077	*HFE*	1.318	2.493
215600_x_at	285231	*FBXW12*	1.317	2.491
203170_at	23378	*RRP8*	1.316	2.490
220338_at	55103	*RALGPS2*	1.314	2.487
208079_s_at	6790	*AURKA*	1.310	2.480
217610_at	---	---	1.309	2.478
219261_at	79034	*C7orf26*	1.306	2.472
207165_at	3161	*HMMR*	1.305	2.471
220329_s_at	55005	*RMND1*	1.303	2.468
207436_x_at	22833	*KIAA0894*	1.302	2.466
219956_at	11226	*GALNT6*	1.301	2.464
221455_s_at	7473	*WNT3*	1.301	2.464
219022_at	64897	*C12orf43*	1.300	2.463
209392_at	5168	*ENPP2*	1.298	2.459
207372_s_at	954	*ENTPD2*	1.295	2.455
206661_at	80174	*DBF4B*	1.294	2.451
217538_at	9905	*SGSM2*	1.292	2.449
209703_x_at	25840	*METTL7A*	1.290	2.445
218734_at	79829	*NAT11*	1.289	2.444

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
207441_at	10879	*SMR3B*	1.289	2.443
AFFX-HUMRGE/M10098_5_at	---	---	1.283	2.434
220816_at	23566	*LPAR3*	1.283	2.433
217704_x_at	440423	*SUZ12P*	1.281	2.430
215720_s_at	4800	*NFYA*	1.279	2.427
215474_at	---	---	1.278	2.424
215589_at	---	---	1.277	2.424
208322_s_at	6482	*ST3GAL1*	1.277	2.423
208962_s_at	3992	*FADS1*	1.277	2.423
34031_i_at	889	*KRIT1*	1.276	2.422
206834_at	3045	*HBD*	1.276	2.421
221809_at	57610	*RANBP10*	1.275	2.420
203003_at	4209	*MEF2D*	1.274	2.419
218308_at	10460	*TACC3*	1.274	2.418
220738_s_at	27330	*RPS6KA6*	1.273	2.417
222206_s_at	56926	*NCLN*	1.273	2.417
216952_s_at	84823	*LMNB2*	1.273	2.416
202793_at	10162	*LPCAT3*	1.272	2.415
207623_at	10061	*ABCF2*	1.269	2.410
205010_at	54552	*GNL3L*	1.268	2.409
208790_s_at	284119	*PTRF*	1.268	2.408
208961_s_at	1316	*KLF6*	1.267	2.407
216345_at	23053	*KIAA0913*	1.267	2.406
219496_at	65124	*ANKRD57*	1.266	2.405
202410_x_at	3481	*IGF2*	1.265	2.404
222170_at	---	---	1.264	2.401
204636_at	1308	*COL17A1*	1.263	2.401
221540_x_at	2966	*GTF2H2*	1.263	2.399
215542_at	---	---	1.262	2.399
217204_at	54516	*MTRF1L*	1.261	2.397
203963_at	771	*CA12*	1.261	2.397
209042_s_at	7327	*UBE2G2*	1.259	2.393
213611_at	362	*AQP5*	1.257	2.391
210869_s_at	4162	*MCAM*	1.255	2.387
202589_at	7298	*TYMS*	1.254	2.386
215800_at	53905	*DUOX1*	1.254	2.385
203798_s_at	7447	*VSNL1*	1.254	2.384
214605_x_at	2825	*GPR1*	1.253	2.383
221662_s_at	10864	*SLC22A7*	1.253	2.383
205449_at	29901	*SAC3D1*	1.251	2.380
205597_at	80736	*SLC44A4*	1.250	2.379
220410_s_at	157922	*CAMSAP1*	1.250	2.378
204709_s_at	9493	*KIF23*	1.249	2.377
207306_at	6939	*TCF15*	1.245	2.371
216031_x_at	90861	*HN1L*	1.244	2.368
220071_x_at	55142	*HAUS2*	1.243	2.367
219148_at	55872	*PBK*	1.243	2.366

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
209101_at	1490	*CTGF*	1.242	2.365
216142_at	---	---	1.240	2.363
220442_at	8693	*GALNT4*	1.240	2.362
214545_s_at	11212	*PROSC*	1.239	2.360
218162_at	56944	*OLFML3*	1.237	2.357
205595_at	1830	*DSG3*	1.237	2.356
208114_s_at	81875	*ISG20L2*	1.234	2.352
211279_at	4899	*NRF1*	1.231	2.348
206291_at	4922	*NTS*	1.230	2.346
216731_s_at	---	---	1.227	2.341
201774_s_at	9918	*NCAPD2*	1.225	2.338
205460_at	4862	*NPAS2*	1.225	2.338
216459_x_at	414771	*TIGD1L*	1.223	2.335
210173_at	5795	*PTPRJ*	1.222	2.333
216318_at	3500	*IGHG1*	1.222	2.332
202499_s_at	6515	*SLC2A3*	1.221	2.330
210410_s_at	401251	*C6orf26*	1.219	2.328
202705_at	9133	*CCNB2*	1.219	2.328
211905_s_at	3691	*ITGB4*	1.219	2.328
211834_s_at	8626	*TP63*	1.218	2.327
208137_x_at	81856	*ZNF611*	1.217	2.324
212396_s_at	23065	*KIAA0090*	1.216	2.323
207079_s_at	10001	*MED6*	1.216	2.323
215699_x_at	9814	*SFI1*	1.216	2.322
215398_at	---	---	1.215	2.322
219001_s_at	79269	*DCAF10*	1.214	2.320
211632_at	3492	*IGH@*	1.214	2.320
218864_at	7145	*TNS1*	1.214	2.320
207166_at	2792	*GNGT1*	1.213	2.319
208604_s_at	3200	*HOXA3*	1.213	2.319
207328_at	246	*ALOX15*	1.212	2.316
214724_at	85458	*DIXDC1*	1.211	2.316
220314_at	51402	*HSFX1*	1.211	2.315
204444_at	3832	*KIF11*	1.210	2.314
220900_at	---	---	1.210	2.314
218182_s_at	9076	*CLDN1*	1.210	2.313
207484_s_at	10919	*EHMT2*	1.209	2.312
219918_s_at	259266	*ASPM*	1.209	2.311
218903_s_at	79035	*OBFC2B*	1.207	2.309
217068_at	---	---	1.206	2.308
221638_s_at	8675	*STX16*	1.204	2.305
206987_x_at	8817	*FGF18*	1.203	2.302
217411_s_at	6239	*RREB1*	1.202	2.301
221064_s_at	64718	*UNKL*	1.202	2.300
203803_at	51449	*PCYOX1*	1.200	2.298
211717_at	91369	*ANKRD40*	1.199	2.295
201292_at	7153	*TOP2A*	1.197	2.293
207768_at	1961	*EGR4*	1.197	2.293

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
201970_s_at	4678	*NASP*	1.196	2.292
204768_s_at	2237	*FEN1*	1.196	2.291
203213_at	983	*CDC2*	1.194	2.287
218861_at	64320	*RNF25*	1.192	2.285
217960_s_at	56993	*TOMM22*	1.192	2.284
202068_s_at	3949	*LDLR*	1.190	2.282
220444_at	79230	*ZNF557*	1.190	2.282
64432_at	51275	*C12orf47*	1.190	2.281
204508_s_at	771	*CA12*	1.189	2.280
221082_s_at	57446	*NDRG3*	1.189	2.279
222374_at	8945	*BTRC*	1.189	2.279
208117_s_at	81887	*LAS1L*	1.188	2.278
215653_at	---	---	1.188	2.278
221618_s_at	51616	*TAF9B*	1.188	2.278
203806_s_at	2175	*FANCA*	1.187	2.277
215051_x_at	199	*AIF1*	1.186	2.276
212766_s_at	81875	*ISG20L2*	1.186	2.275
213594_x_at	10772	*FUSIP1*	1.186	2.275
219980_at	80167	*C4orf29*	1.186	2.275
211317_s_at	8837	*CFLAR*	1.185	2.274
206756_at	56548	*CHST7*	1.182	2.269
220003_at	55282	*LRRC36*	1.181	2.267
208756_at	8668	*EIF3I*	1.181	2.267
201755_at	4174	*MCM5*	1.180	2.266
202608_s_at	3340	*NDST1*	1.180	2.266
217690_at	---	---	1.175	2.259
218362_s_at	22894	*DIS3*	1.175	2.257
206792_x_at	5143	*PDE4C*	1.174	2.257
215402_at	10513	*APPBP2*	1.172	2.254
215929_at	283079	*LOC283079*	1.170	2.250
213240_s_at	3851	*KRT4*	1.167	2.246
218350_s_at	51053	*GMNN*	1.166	2.245
210168_at	729	*C6*	1.166	2.243
214625_s_at	50488	*MINK1*	1.165	2.242
205572_at	285	*ANGPT2*	1.163	2.240
206205_at	10198	*MPHOSPH9*	1.163	2.240
203976_s_at	10036	*CHAF1A*	1.163	2.239
207953_at	---	---	1.163	2.239
211401_s_at	2263	*FGFR2*	1.160	2.235
221812_at	54455	*FBXO42*	1.160	2.235
213054_at	23354	*HAUS5*	1.158	2.232
205085_at	4998	*ORC1L*	1.158	2.231
214900_at	7586	*ZKSCAN1*	1.157	2.230
219555_s_at	55839	*CENPN*	1.156	2.228
214154_s_at	5318	*PKP2*	1.156	2.228
205248_at	9980	*DOPEY2*	1.156	2.228
213789_at	100292959	*LOC100292959*	1.155	2.226
216147_at	---	---	1.154	2.225

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
207613_s_at	815	*CAMK2A*	1.153	2.224
221311_x_at	57226	*LYRM2*	1.153	2.223
216286_at	---	---	1.150	2.219
216598_s_at	6347	*CCL2*	1.149	2.218
221350_at	3224	*HOXC8*	1.146	2.212
219978_s_at	51203	*NUSAP1*	1.143	2.209
213487_at	5605	*MAP2K2*	1.143	2.208
201367_s_at	678	*ZFP36L2*	1.142	2.207
220253_s_at	29967	*LRP12*	1.142	2.207
211429_s_at	5265	*SERPINA1*	1.142	2.206
221355_at	1146	*CHRNG*	1.142	2.206
206201_s_at	4223	*MEOX2*	1.141	2.205
215587_x_at	---	---	1.140	2.204
220581_at	80129	*C6orf97*	1.139	2.202
201787_at	2192	*FBLN1*	1.138	2.200
210405_x_at	8795	*TNFRSF10B*	1.137	2.199
218995_s_at	1906	*EDN1*	1.136	2.198
219726_at	54413	*NLGN3*	1.133	2.193
205278_at	2571	*GAD1*	1.132	2.191
214249_at	23321	*TRIM2*	1.130	2.189
209246_at	10061	*ABCF2*	1.128	2.186
202954_at	11065	*UBE2C*	1.127	2.184
214712_at	730092	*LOC730092*	1.127	2.184
204441_s_at	23649	*POLA2*	1.126	2.182
218660_at	8291	*DYSF*	1.126	2.182
215427_s_at	23174	*ZCCHC14*	1.125	2.181
215838_at	353514	*LILRA5*	1.125	2.180
208461_at	3090	*HIC1*	1.124	2.179
206960_at	2846	*LPAR4*	1.123	2.178
209189_at	2353	*FOS*	1.123	2.177
214854_at	---	---	1.122	2.176
215955_x_at	23092	*ARHGAP26*	1.122	2.176
205193_at	23764	*MAFF*	1.120	2.173
215205_x_at	9612	*NCOR2*	1.119	2.172
208082_x_at	---	---	1.118	2.171
205478_at	5502	*PPP1R1A*	1.118	2.171
216460_at	645372	*FLJ00049*	1.118	2.170
206941_x_at	9723	*SEMA3E*	1.117	2.169
220085_at	3070	*HELLS*	1.117	2.169
217596_at	65110	*UPF3A*	1.115	2.167
208595_s_at	4152	*MBD1*	1.114	2.165
204555_s_at	5509	*PPP1R3D*	1.113	2.162
204456_s_at	2619	*GAS1*	1.112	2.162
213717_at	11155	*LDB3*	1.112	2.162
217446_x_at	---	---	1.111	2.160
221845_s_at	81570	*CLPB*	1.111	2.159
219196_at	29106	*SCG3*	1.111	2.159
202094_at	332	*BIRC5*	1.111	2.159

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
219759_at	64167	*ERAP2*	1.110	2.158
217881_s_at	996	*CDC27*	1.109	2.156
203444_s_at	9219	*MTA2*	1.109	2.156
212182_at	11163	*NUDT4*	1.109	2.156
218664_at	51102	*MECR*	1.108	2.156
203144_s_at	9674	*KIAA0040*	1.108	2.156
203813_s_at	6586	*SLIT3*	1.108	2.155
205397_x_at	4088	*SMAD3*	1.107	2.155
210113_s_at	22861	*NLRP1*	1.107	2.154
218726_at	55355	*HJURP*	1.106	2.152
202238_s_at	4837	*NNMT*	1.106	2.152
217593_at	65982	*ZSCAN18*	1.105	2.151
203986_at	8987	*STBD1*	1.104	2.150
218169_at	55697	*VAC14*	1.104	2.150
219504_s_at	79871	*RPAP2*	1.104	2.149
219998_at	29094	*HSPC159*	1.103	2.148
210008_s_at	6183	*MRPS12*	1.102	2.147
202129_s_at	8780	*RIOK3*	1.102	2.146
206370_at	5294	*PIK3CG*	1.100	2.144
209047_at	358	*AQP1*	1.100	2.143
204091_at	5147	*PDE6D*	1.100	2.143
216237_s_at	4174	*MCM5*	1.099	2.143
202497_x_at	6515	*SLC2A3*	1.096	2.138
215330_at	---	---	1.096	2.138
202937_x_at	27341	*RRP7A*	1.095	2.136
208650_s_at	100133941	*CD24*	1.094	2.135
210248_at	7476	*WNT7A*	1.094	2.135
202503_s_at	9768	*KIAA0101*	1.094	2.135
220775_s_at	55293	*UEVLD*	1.094	2.134
215099_s_at	6257	*RXRB*	1.093	2.132
206777_s_at	1415	*CRYBB2*	1.092	2.132
209071_s_at	8490	*RGS5*	1.091	2.130
220681_at	55267	*C22orf26*	1.090	2.129
217706_at	---	---	1.088	2.126
202577_s_at	55308	*DDX19A*	1.087	2.125
204734_at	3866	*KRT15*	1.087	2.125
205157_s_at	3872	*KRT17*	1.086	2.123
211767_at	84296	*GINS4*	1.083	2.118
219887_at	55231	*CCDC87*	1.082	2.117
221525_at	83637	*ZMIZ2*	1.082	2.117
214765_s_at	27163	*NAAA*	1.081	2.116
219152_at	50512	*PODXL2*	1.080	2.114
219730_at	54797	*MED18*	1.079	2.113
216675_at	---	---	1.078	2.112
220020_at	63929	*XPNPEP3*	1.077	2.110
216115_at	4763	*NF1*	1.076	2.109
215860_at	91683	*SYT12*	1.076	2.109
202898_at	9672	*SDC3*	1.075	2.107

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
209772_s_at	100133941	*CD24*	1.075	2.107
212103_at	23633	*KPNA6*	1.073	2.104
211277_x_at	351	*APP*	1.071	2.101
215599_at	653188	*LOC653188*	1.071	2.100
214970_s_at	6480	*ST6GAL1*	1.069	2.098
207824_s_at	4150	*MAZ*	1.069	2.098
204899_s_at	8819	*SAP30*	1.068	2.097
205538_at	7464	*CORO2A*	1.068	2.096
214181_x_at	7940	*LST1*	1.066	2.094
206278_at	5724	*PTAFR*	1.066	2.094
202014_at	23645	*PPP1R15A*	1.065	2.092
211571_s_at	1462	*VCAN*	1.064	2.091
204245_s_at	11102	*RPP14*	1.063	2.089
214918_at	4670	*HNRNPM*	1.062	2.088
204092_s_at	6790	*AURKA*	1.062	2.088
214200_s_at	1291	*COL6A1*	1.062	2.087
209373_at	7851	*MALL*	1.061	2.086
201930_at	4175	*MCM6*	1.061	2.086
218075_at	8086	*AAAS*	1.061	2.086
206822_s_at	26013	*L3MBTL*	1.060	2.085
210998_s_at	3082	*HGF*	1.059	2.084
208087_s_at	81030	*ZBP1*	1.059	2.084
204337_at	5999	*RGS4*	1.059	2.084
215181_at	64405	*CDH22*	1.059	2.084
219135_s_at	64788	*LMF1*	1.059	2.083
220589_s_at	55846	*ITFG2*	1.059	2.083
201860_s_at	5327	*PLAT*	1.058	2.083
204603_at	9156	*EXO1*	1.058	2.082
221181_at	---	---	1.057	2.081
215942_s_at	51512	*GTSE1*	1.057	2.080
209891_at	57405	*SPC25*	1.056	2.079
201629_s_at	52	*ACP1*	1.055	2.078
220267_at	192666	*KRT24*	1.054	2.076
211871_x_at	10681	*GNB5*	1.052	2.074
219422_at	83715	*ESPN*	1.052	2.073
210701_at	10428	*CFDP1*	1.051	2.072
217665_at	---	---	1.050	2.071
222173_s_at	55357	*TBC1D2*	1.050	2.071
220858_at	8470	*SORBS2*	1.049	2.069
216161_at	55206	*SBNO1*	1.049	2.068
206959_s_at	65110	*UPF3A*	1.048	2.068
219565_at	57404	*CYP20A1*	1.048	2.067
208031_s_at	5990	*RFX2*	1.047	2.067
217527_s_at	84901	*NFATC2IP*	1.046	2.065
211851_x_at	672	*BRCA1*	1.046	2.065
205473_at	525	*ATP6V1B1*	1.046	2.065
221591_s_at	54478	*FAM64A*	1.045	2.064
206036_s_at	5966	*REL*	1.042	2.060

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205582_s_at	2687	*GGT5*	1.042	2.059
205436_s_at	3014	*H2AFX*	1.042	2.059
217790_s_at	6747	*SSR3*	1.041	2.058
220200_s_at	387893	*SETD8*	1.039	2.055
220855_at	---	---	1.039	2.055
215049_x_at	9332	*CD163*	1.038	2.054
220113_x_at	84172	*POLR1B*	1.038	2.053
214443_at	5817	*PVR*	1.037	2.053
216339_s_at	7146	*TNXA*	1.036	2.050
206989_s_at	9169	*SFRS2IP*	1.035	2.049
201123_s_at	1984	*EIF5A*	1.035	2.048
208684_at	1314	*COPA*	1.034	2.048
206763_at	8468	*FKBP6*	1.033	2.047
203214_x_at	983	*CDC2*	1.032	2.044
215185_at	---	---	1.030	2.043
207535_s_at	4791	*NFKB2*	1.030	2.042
203212_s_at	8898	*MTMR2*	1.028	2.040
202578_s_at	55308	*DDX19A*	1.028	2.039
205405_at	9037	*SEMA5A*	1.028	2.039
219258_at	54962	*TIPIN*	1.027	2.038
216212_s_at	1736	*DKC1*	1.027	2.037
202870_s_at	991	*CDC20*	1.026	2.036
213896_x_at	317662	*FAM149B1*	1.025	2.035
214227_at	2788	*GNG7*	1.025	2.034
209086_x_at	4162	*MCAM*	1.024	2.034
208340_at	---	---	1.024	2.033
207647_at	9085	*CDY1*	1.024	2.033
222198_at	---	---	1.024	2.033
205477_s_at	259	*AMBP*	1.023	2.032
209857_s_at	56848	*SPHK2*	1.022	2.031
221023_s_at	81033	*KCNH6*	1.021	2.029
210052_s_at	22974	*TPX2*	1.020	2.028
216367_at	1285	*COL4A3*	1.020	2.027
208983_s_at	5175	*PECAM1*	1.018	2.025
208808_s_at	3148	*HMGB2*	1.018	2.024
201130_s_at	999	*CDH1*	1.017	2.024
218782_s_at	29028	*ATAD2*	1.017	2.024
205255_x_at	6932	*TCF7*	1.016	2.022
209575_at	3588	*IL10RB*	1.015	2.021
213770_at	8844	*KSR1*	1.014	2.019
200951_s_at	894	*CCND2*	1.013	2.017
81737_at	---	---	1.012	2.017
217512_at	3827	*KNG1*	1.012	2.017
210657_s_at	---	*40425*	1.010	2.014
216317_x_at	6006	*RHCE*	1.009	2.013
204596_s_at	6781	*STC1*	1.008	2.012
214740_at	5439	*POLR2J*	1.008	2.012
205314_x_at	6645	*SNTB2*	1.008	2.011

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
215575_at	9659	*PDE4DIP*	1.006	2.009
204558_at	8438	*RAD54L*	1.006	2.008
215068_s_at	80028	*FBXL18*	1.005	2.007
202726_at	3978	*LIG1*	1.005	2.007
206316_s_at	9735	*KNTC1*	1.005	2.007
219250_s_at	23767	*FLRT3*	1.005	2.007
208180_s_at	8365	*HIST1H4H*	1.004	2.005
208442_s_at	472	*ATM*	1.004	2.005
206088_at	9884	*LRRC37A*	1.002	2.003
208319_s_at	5935	*RBM3*	1.002	2.002
214486_x_at	8837	*CFLAR*	1.002	2.002
204461_x_at	5810	*RAD1*	1.001	2.002
217579_x_at	---	---	1.001	2.001
203009_at	4059	*BCAM*	1.000	2.000
207562_at	1609	*DGKQ*	1.000	2.000
211706_s_at	23097	*CDC2L6*	1.000	2.000
217507_at	6556	*SLC11A1*	1.000	2.000
219881_s_at	---	---	1.000	2.000
218537_at	54985	*HCFC1R1*	0.999	1.999
215024_at	221960	*C7orf28B*	0.999	1.998
208960_s_at	1316	*KLF6*	0.999	1.998
207735_at	54941	*RNF125*	0.999	1.998
205574_x_at	649	*BMP1*	0.999	1.998
213715_s_at	256949	*KANK3*	0.999	1.998
205224_at	6835	*SURF2*	0.998	1.997
219267_at	51228	*GLTP*	0.997	1.996
207299_s_at	2911	*GRM1*	0.997	1.996
218000_s_at	22822	*PHLDA1*	0.997	1.995
215834_x_at	949	*SCARB1*	0.996	1.995
216315_x_at	387522	*TMEM189-UBE2V1*	0.996	1.994
212320_at	203068	*TUBB*	0.996	1.994
210178_x_at	10772	*FUSIP1*	0.995	1.993
219693_at	56895	*AGPAT4*	0.994	1.991
211299_s_at	2319	*FLOT2*	0.993	1.990
212808_at	84901	*NFATC2IP*	0.989	1.984
214123_s_at	317648	*C4orf10*	0.989	1.984
207566_at	3140	*MR1*	0.987	1.982
206165_s_at	9635	*CLCA2*	0.987	1.981
213176_s_at	8425	*LTBP4*	0.985	1.980
210359_at	9788	*MTSS1*	0.985	1.979
215409_at	254531	*LPCAT4*	0.984	1.978
209041_s_at	7327	*UBE2G2*	0.984	1.978
211316_x_at	8837	*CFLAR*	0.984	1.977
208674_x_at	1650	*DDOST*	0.983	1.976
220688_s_at	51154	*MRTO4*	0.983	1.976
209793_at	2890	*GRIA1*	0.982	1.976
210838_s_at	94	*ACVRL1*	0.982	1.976

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
202676_x_at	10922	*FASTK*	0.981	1.974
205611_at	8742	*TNFSF12*	0.980	1.973
201799_s_at	5007	*OSBP*	0.980	1.973
207296_at	79175	*ZNF343*	0.980	1.973
211148_s_at	285	*ANGPT2*	0.979	1.972
206671_at	6295	*SAG*	0.978	1.970
214372_x_at	10595	*ERN2*	0.978	1.970
219640_at	24146	*CLDN15*	0.978	1.970
219784_at	79791	*FBXO31*	0.978	1.969
215614_at	---	---	0.977	1.969
216803_at	10611	*PDLIM5*	0.977	1.969
208505_s_at	2524	*FUT2*	0.976	1.967
204483_at	2027	*ENO3*	0.975	1.966
201710_at	4605	*MYBL2*	0.974	1.965
214886_s_at	90634	*N4BP2L1*	0.973	1.963
215117_at	5897	*RAG2*	0.973	1.963
208455_at	5818	*PVRL1*	0.973	1.962
219512_at	79980	*DSN1*	0.972	1.962
221944_at	645644	*FLJ42627*	0.972	1.962
208020_s_at	775	*CACNA1C*	0.971	1.961
205014_at	9982	*FGFBP1*	0.971	1.960
217805_at	3609	*ILF3*	0.970	1.959
217262_s_at	9620	*CELSR1*	0.970	1.959
215723_s_at	5337	*PLD1*	0.970	1.959
217309_s_at	10311	*DSCR3*	0.968	1.956
217608_at	285672	*SFRS12IP1*	0.968	1.956
208503_s_at	57798	*GATAD1*	0.967	1.955
207431_s_at	8560	*DEGS1*	0.966	1.953
206503_x_at	5371	*PML*	0.964	1.951
204669_s_at	11237	*RNF24*	0.964	1.951
215782_at	282808	*RAB40AL*	0.964	1.950
205053_at	5557	*PRIM1*	0.963	1.950
209070_s_at	8490	*RGS5*	0.963	1.949
217546_at	4499	*MT1M*	0.962	1.948
200938_s_at	473	*RERE*	0.960	1.946
214975_s_at	8776	*MTMR1*	0.960	1.945
206253_at	1740	*DLG2*	0.960	1.945
215897_at	81857	*MED25*	0.959	1.944
213500_at	---	---	0.958	1.943
202692_s_at	7343	*UBTF*	0.958	1.942
210594_x_at	9019	*MPZL1*	0.957	1.941
211100_x_at	11027	*LILRA2*	0.957	1.941
221723_s_at	57835	*SLC4A5*	0.957	1.941
221771_s_at	54737	*MPHOSPH8*	0.956	1.940
213520_at	9401	*RECQL4*	0.956	1.940
214742_at	22994	*AZI1*	0.956	1.939
220819_at	79981	*FRMD1*	0.955	1.938
217670_at	6181	*RPLP2*	0.955	1.938

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
220264_s_at	57720	*GPR107*	0.954	1.937
215891_s_at	2760	*GM2A*	0.953	1.935
218752_at	55954	*ZMAT5*	0.951	1.934
214613_at	2827	*GPR3*	0.951	1.933
216515_x_at	5757	*PTMA*	0.949	1.931
215252_at	---	---	0.949	1.931
203210_s_at	5985	*RFC5*	0.949	1.931
214828_s_at	27341	*RRP7A*	0.949	1.930
211872_s_at	8786	*RGS11*	0.949	1.930
218883_s_at	79682	*MLF1IP*	0.949	1.930
212563_at	23246	*BOP1*	0.948	1.930
205707_at	23765	*IL17RA*	0.948	1.929
207388_s_at	9536	*PTGES*	0.947	1.928
211981_at	1282	*COL4A1*	0.947	1.928
214122_at	9260	*PDLIM7*	0.946	1.926
207087_x_at	286	*ANK1*	0.946	1.926
218988_at	55508	*SLC35E3*	0.946	1.926
203219_s_at	353	*APRT*	0.945	1.925
215683_at	79863	*C18orf22*	0.944	1.924
220160_s_at	11133	*KPTN*	0.944	1.924
218784_s_at	55776	*C6orf64*	0.943	1.922
208937_s_at	3397	*ID1*	0.942	1.922
204851_s_at	1641	*DCX*	0.942	1.921
203411_s_at	4000	*LMNA*	0.942	1.921
212335_at	2799	*GNS*	0.941	1.920
221900_at	1296	*COL8A2*	0.941	1.920
206163_at	4081	*MAB21L1*	0.941	1.919
219478_at	58189	*WFDC1*	0.940	1.918
220219_s_at	100294335	*LOC100294335*	0.938	1.916
211808_s_at	1387	*CREBBP*	0.938	1.916
214710_s_at	891	*CCNB1*	0.938	1.916
208392_x_at	3431	*SP110*	0.938	1.916
202995_s_at	2192	*FBLN1*	0.937	1.914
220674_at	933	*CD22*	0.937	1.914
217105_at	---	---	0.936	1.913
207784_at	414	*ARSD*	0.936	1.913
217150_s_at	4771	*NF2*	0.935	1.912
201538_s_at	1845	*DUSP3*	0.934	1.911
202865_at	54788	*DNAJB12*	0.934	1.911
210369_at	23075	*SWAP70*	0.933	1.909
217810_x_at	51520	*LARS*	0.931	1.907
218689_at	2188	*FANCF*	0.930	1.905
221639_x_at	100129656	*LOC100129656*	0.930	1.905
207886_s_at	799	*CALCR*	0.930	1.905
200706_s_at	9516	*LITAF*	0.929	1.904
221212_x_at	55193	*PBRM1*	0.929	1.904
204011_at	10253	*SPRY2*	0.929	1.904
213755_s_at	---	---	0.929	1.904

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
219886_at	79598	*CEP97*	0.928	1.903
204789_at	752	*FMNL1*	0.928	1.903
210544_s_at	224	*ALDH3A2*	0.928	1.902
206355_at	2774	*GNAL*	0.926	1.900
205496_at	9729	*KIAA0408*	0.926	1.900
210470_x_at	4841	*NONO*	0.925	1.899
203696_s_at	5982	*RFC2*	0.925	1.898
219410_at	55076	*TMEM45A*	0.923	1.896
218954_s_at	55290	*BRF2*	0.922	1.895
221744_at	10238	*DCAF7*	0.922	1.895
201308_s_at	---	*40432*	0.922	1.895
208404_x_at	3762	*KCNJ5*	0.922	1.894
208083_s_at	3694	*ITGB6*	0.920	1.892
216334_s_at	1550	*CYP2A7P1*	0.920	1.892
202816_s_at	6760	*SS18*	0.920	1.892
211714_x_at	203068	*TUBB*	0.918	1.889
205071_x_at	7518	*XRCC4*	0.918	1.889
211722_s_at	10013	*HDAC6*	0.917	1.888
215921_at	100289169	*LOC100289169*	0.916	1.888
221950_at	2018	*EMX2*	0.916	1.887
201476_s_at	6240	*RRM1*	0.916	1.887
208712_at	595	*CCND1*	0.916	1.887
217713_x_at	---	---	0.915	1.886
211226_at	8811	*GALR2*	0.915	1.886
206758_at	1907	*EDN2*	0.915	1.885
210881_s_at	3481	*IGF2*	0.915	1.885
201044_x_at	1843	*DUSP1*	0.914	1.884
211762_s_at	3838	*KPNA2*	0.913	1.884
206115_at	1960	*EGR3*	0.912	1.882
218678_at	10763	*NES*	0.911	1.880
212879_x_at	51588	*PIAS4*	0.911	1.880
216745_x_at	---	---	0.910	1.879
203532_x_at	8065	*CUL5*	0.909	1.878
210100_s_at	20	*ABCA2*	0.908	1.877
221222_s_at	54964	*C1orf56*	0.908	1.877
221772_s_at	55844	*PPP2R2D*	0.908	1.876
211450_s_at	2956	*MSH6*	0.908	1.876
205662_at	27077	*B9D1*	0.907	1.875
217027_x_at	3837	*KPNB1*	0.906	1.873
204170_s_at	1164	*CKS2*	0.905	1.873
220469_at	11316	*COPE*	0.905	1.873
219719_at	51751	*HIGD1B*	0.905	1.873
207177_at	5737	*PTGFR*	0.905	1.873
220353_at	55199	*FAM86C*	0.903	1.870
221171_at	728621	*CCDC30*	0.903	1.870
219902_at	23743	*BHMT2*	0.902	1.869
201508_at	3487	*IGFBP4*	0.902	1.868
220943_s_at	55471	*C2orf56*	0.901	1.867

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
203764_at	9787	*DLGAP5*	0.901	1.867
201525_at	347	*APOD*	0.900	1.866
203536_s_at	9391	*CIAO1*	0.899	1.864
202291_s_at	4256	*MGP*	0.898	1.863
216602_s_at	2193	*FARSA*	0.897	1.862
216569_at	---	---	0.896	1.861
215859_at	56926	*NCLN*	0.896	1.860
216780_at	---	---	0.896	1.860
211445_x_at	83955	*NACAP1*	0.895	1.860
215645_at	201163	*FLCN*	0.895	1.860
215179_x_at	5228	*PGF*	0.895	1.860
211789_s_at	22877	*MLXIP*	0.895	1.859
213814_s_at	6645	*SNTB2*	0.895	1.859
209126_x_at	3854	*KRT6B*	0.894	1.859
203785_s_at	55794	*DDX28*	0.894	1.859
206124_s_at	3996	*LLGL1*	0.894	1.859
216587_s_at	8325	*FZD8*	0.894	1.858
211147_s_at	9127	*P2RX6*	0.894	1.858
214266_s_at	9260	*PDLIM7*	0.893	1.857
210563_x_at	8837	*CFLAR*	0.893	1.857
211613_s_at	2820	*GPD2*	0.893	1.857
222268_x_at	4586	*MUC5AC*	0.893	1.857
217373_x_at	4193	*MDM2*	0.893	1.857
212225_at	10209	*EIF1*	0.893	1.856
215809_at	1565	*CYP2D6*	0.892	1.856
38037_at	1839	*HBEGF*	0.892	1.856
204111_at	3176	*HNMT*	0.892	1.855
206359_at	9021	*SOCS3*	0.891	1.855
202672_s_at	467	*ATF3*	0.891	1.854
217100_s_at	26043	*UBXN7*	0.890	1.853
220359_s_at	10777	*ARPP-21*	0.890	1.853
220425_x_at	152015	*ROPN1B*	0.889	1.852
219290_x_at	27071	*DAPP1*	0.889	1.851
217352_at	---	---	0.888	1.851
209026_x_at	203068	*TUBB*	0.888	1.851
202431_s_at	4609	*MYC*	0.888	1.850
205561_at	79734	*KCTD17*	0.887	1.850
206619_at	27121	*DKK4*	0.887	1.850
210429_at	6007	*RHD*	0.887	1.850
221586_s_at	1875	*E2F5*	0.887	1.850
206464_at	660	*BMX*	0.887	1.849
219174_at	80173	*IFT74*	0.887	1.849
202498_s_at	6515	*SLC2A3*	0.886	1.848
207879_at	---	---	0.886	1.847
211541_s_at	1859	*DYRK1A*	0.884	1.846
220294_at	27012	*KCNV1*	0.884	1.845
213226_at	890	*CCNA2*	0.883	1.844
214024_s_at	85359	*DGCR6L*	0.883	1.844

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
214920_at	221981	*THSD7A*	0.882	1.843
222372_at	---	---	0.882	1.843
202345_s_at	2171	*FABP5*	0.881	1.842
207016_s_at	8854	*ALDH1A2*	0.881	1.842
201107_s_at	7057	*THBS1*	0.881	1.841
218161_s_at	54982	*CLN6*	0.881	1.841
207900_at	6361	*CCL17*	0.880	1.840
220527_at	55052	*MRPL20*	0.879	1.839
201962_s_at	10193	*RNF41*	0.879	1.839
211374_x_at	---	---	0.878	1.838
206486_at	3902	*LAG3*	0.877	1.837
201469_s_at	6464	*SHC1*	0.877	1.837
209401_s_at	6560	*SLC12A4*	0.877	1.836
217018_at	---	---	0.877	1.836
206148_at	3563	*IL3RA*	0.877	1.836
202736_s_at	25804	*LSM4*	0.877	1.836
205461_at	11021	*RAB35*	0.876	1.836
219430_at	56834	*GPR137*	0.875	1.835
206013_s_at	51412	*ACTL6B*	0.874	1.833
217462_at	745	*C11orf9*	0.874	1.833
221898_at	10630	*PDPN*	0.874	1.833
218812_s_at	80228	*ORAI2*	0.874	1.833
220973_s_at	81858	*SHARPIN*	0.874	1.833
210022_at	84759	*PCGF1*	0.873	1.832
220047_at	23409	*SIRT4*	0.873	1.832
211804_s_at	1017	*CDK2*	0.873	1.831
215432_at	116285	*ACSM1*	0.872	1.831
215561_s_at	3554	*IL1R1*	0.872	1.831
203747_at	360	*AQP3*	0.870	1.828
216766_at	---	---	0.870	1.827
204077_x_at	9583	*ENTPD4*	0.869	1.827
212786_at	23274	*CLEC16A*	0.869	1.826
211040_x_at	51512	*GTSE1*	0.868	1.825
209464_at	9212	*AURKB*	0.868	1.825
222222_s_at	9454	*HOMER3*	0.866	1.823
202338_at	7083	*TK1*	0.866	1.823
210276_s_at	79159	*NOL12*	0.865	1.821
212855_at	23142	*DCUN1D4*	0.864	1.820
211966_at	1284	*COL4A2*	0.864	1.820
204056_s_at	4598	*MVK*	0.863	1.819
211447_s_at	5141	*PDE4A*	0.863	1.819
219436_s_at	51705	*EMCN*	0.863	1.819
205169_at	5929	*RBBP5*	0.862	1.817
214456_x_at	6288	*SAA1*	0.861	1.817
209819_at	22927	*HABP4*	0.861	1.817
200750_s_at	5901	*RAN*	0.861	1.817
222048_at	1416	*CRYBB2P1*	0.861	1.816
206514_s_at	8529	*CYP4F2*	0.861	1.816

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
214876_s_at	114791	*TUBGCP5*	0.860	1.816
217391_x_at	---	---	0.860	1.815
215595_x_at	---	---	0.860	1.815
210086_at	55806	*HR*	0.860	1.815
207365_x_at	9736	*USP34*	0.860	1.815
215882_at	22995	*CEP152*	0.858	1.812
221191_at	54441	*STAG3L1*	0.857	1.812
215373_x_at	---	---	0.857	1.812
214524_at	2691	*GHRH*	0.857	1.811
215588_x_at	8780	*RIOK3*	0.856	1.811
221846_s_at	57513	*CASKIN2*	0.856	1.810
209367_at	6813	*STXBP2*	0.856	1.810
211217_s_at	3784	*KCNQ1*	0.856	1.810
201397_at	26227	*PHGDH*	0.855	1.809
204426_at	10959	*TMED2*	0.855	1.809
212918_at	5965	*RECQL*	0.854	1.808
201105_at	3956	*LGALS1*	0.854	1.808
209967_s_at	1390	*CREM*	0.854	1.808
210482_x_at	5607	*MAP2K5*	0.853	1.806
220515_at	63904	*DUSP21*	0.853	1.806
209336_at	5822	*PWP2*	0.853	1.806
202388_at	5997	*RGS2*	0.852	1.805
209939_x_at	8837	*CFLAR*	0.852	1.805
201820_at	3852	*KRT5*	0.852	1.805
215282_at	25847	*ANAPC13*	0.852	1.805
216789_at	---	---	0.852	1.805
31799_at	---	---	0.852	1.805
205093_at	22874	*PLEKHA6*	0.851	1.804
219933_at	51022	*GLRX2*	0.851	1.804
206100_at	1368	*CPM*	0.851	1.804
220572_at	55525	*DKFZp547G183*	0.850	1.802
208338_at	5024	*P2RX3*	0.850	1.802
218445_at	55506	*H2AFY2*	0.849	1.801
220332_at	10686	*CLDN16*	0.846	1.798
206266_at	2822	*GPLD1*	0.846	1.798
213190_at	91949	*COG7*	0.846	1.797
201116_s_at	1363	*CPE*	0.846	1.797
206170_at	154	*ADRB2*	0.845	1.796
204749_at	4675	*NAP1L3*	0.845	1.796
217344_at	2224	*FDPS*	0.844	1.795
218425_at	54476	*RNF216*	0.844	1.795
206686_at	5163	*PDK1*	0.844	1.795
210216_x_at	5810	*RAD1*	0.844	1.795
211713_x_at	9768	*KIAA0101*	0.844	1.795
203496_s_at	5469	*MED1*	0.843	1.794
214542_x_at	8329	*HIST1H2AI*	0.843	1.794
222015_at	1454	*CSNK1E*	0.843	1.793
204826_at	899	*CCNF*	0.841	1.792

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
215296_at	8476	*CDC42BPA*	0.841	1.792
207460_at	3004	*GZMM*	0.841	1.792
213591_at	501	*ALDH7A1*	0.841	1.791
200671_s_at	6711	*SPTBN1*	0.841	1.791
221777_at	84934	*C12orf52*	0.840	1.791
215779_s_at	8339	*HIST1H2BG*	0.840	1.790
220037_s_at	10894	*LYVE1*	0.840	1.789
222265_at	84951	*TNS4*	0.839	1.789
214817_at	23025	*UNC13A*	0.839	1.788
218009_s_at	9055	*PRC1*	0.838	1.788
205598_at	10293	*TRAIP*	0.838	1.788
202355_s_at	2962	*GTF2F1*	0.838	1.787
210887_s_at	2121	*EVC*	0.838	1.787
213911_s_at	3015	*H2AFZ*	0.837	1.787
206924_at	3589	*IL11*	0.836	1.785
213746_s_at	2316	*FLNA*	0.836	1.785
219208_at	80204	*FBXO11*	0.835	1.784
201897_s_at	1163	*CKS1B*	0.835	1.784
218741_at	79019	*CENPM*	0.835	1.784
211286_x_at	1438	*CSF2RA*	0.834	1.782
211020_at	2651	*GCNT2*	0.833	1.781
210057_at	23049	*SMG1*	0.833	1.781
208522_s_at	5727	*PTCH1*	0.832	1.780
211127_x_at	1896	*EDA*	0.831	1.779
219479_at	79070	*KDELC1*	0.830	1.778
209846_s_at	11118	*BTN3A2*	0.830	1.778
208103_s_at	81611	*ANP32E*	0.830	1.777
211381_x_at	10407	*SPAG11B*	0.829	1.777
214968_at	317781	*DDX51*	0.828	1.776
217972_at	54927	*CHCHD3*	0.828	1.775
220707_s_at	80020	*FOXRED2*	0.827	1.775
207499_x_at	55898	*UNC45A*	0.827	1.774
219031_s_at	51388	*NIP7*	0.827	1.774
201465_s_at	3725	*JUN*	0.826	1.773
209624_s_at	64087	*MCCC2*	0.826	1.773
220600_at	54859	*C3orf75*	0.826	1.773
216449_x_at	7184	*HSP90B1*	0.825	1.772
203115_at	2235	*FECH*	0.825	1.771
217165_x_at	4494	*MT1F*	0.825	1.771
221098_x_at	10813	*UTP14A*	0.824	1.771
214437_s_at	6472	*SHMT2*	0.824	1.771
206523_at	9265	*CYTH3*	0.824	1.770
209244_s_at	10749	*KIF1C*	0.824	1.770
211793_s_at	10152	*ABI2*	0.823	1.770
219384_s_at	23536	*ADAT1*	0.823	1.769
213481_at	6284	*S100A13*	0.822	1.768
221927_s_at	83451	*ABHD11*	0.822	1.768
207110_at	3768	*KCNJ12*	0.822	1.768

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
208698_s_at	4841	*NONO*	0.822	1.767
222228_s_at	54784	*ALKBH4*	0.821	1.767
210230_at	---	---	0.821	1.767
211150_s_at	1737	*DLAT*	0.821	1.767
221425_s_at	81689	*ISCA1*	0.820	1.765
203271_s_at	9094	*UNC119*	0.819	1.765
213087_s_at	1936	*EEF1D*	0.819	1.765
214952_at	4684	*NCAM1*	0.819	1.764
202483_s_at	5902	*RANBP1*	0.819	1.764
205729_at	9180	*OSMR*	0.819	1.764
208534_s_at	100132214	*LOC100132214*	0.819	1.764
208567_s_at	3768	*KCNJ12*	0.818	1.763
212481_s_at	7171	*TPM4*	0.818	1.763
212469_at	25836	*NIPBL*	0.817	1.762
203477_at	1306	*COL15A1*	0.817	1.762
204582_s_at	354	*KLK3*	0.817	1.762
209834_at	9469	*CHST3*	0.817	1.761
214253_s_at	1838	*DTNB*	0.817	1.761
210994_x_at	373	*TRIM23*	0.816	1.761
201081_s_at	8396	*PIP4K2B*	0.816	1.761
210561_s_at	26118	*WSB1*	0.814	1.759
222085_at	400451	*FAM174B*	0.814	1.758
215889_at	6498	*SKIL*	0.814	1.758
211085_s_at	6789	*STK4*	0.814	1.758
213381_at	196740	*C10orf72*	0.813	1.757
217426_at	---	---	0.813	1.756
212009_s_at	10963	*STIP1*	0.813	1.756
213710_s_at	---	---	0.811	1.754
213230_at	30850	*CDR2L*	0.811	1.754
221657_s_at	140459	*ASB6*	0.810	1.753
207598_x_at	7516	*XRCC2*	0.809	1.752
216229_x_at	80867	*HCG2P7*	0.808	1.751
202285_s_at	4070	*TACSTD2*	0.807	1.750
212662_at	5817	*PVR*	0.807	1.750
215058_at	160518	*DENND5B*	0.807	1.750
212236_x_at	3872	*KRT17*	0.807	1.750
208268_at	10863	*ADAM28*	0.807	1.750
204766_s_at	4521	*NUDT1*	0.807	1.749
204577_s_at	23059	*CLUAP1*	0.806	1.748
209618_at	1501	*CTNND2*	0.805	1.748
221210_s_at	80896	*NPL*	0.805	1.748
218662_s_at	64151	*NCAPG*	0.805	1.747
215290_at	---	---	0.804	1.746
204865_at	761	*CA3*	0.804	1.746
207172_s_at	1009	*CDH11*	0.804	1.746
218775_s_at	80014	*WWC2*	0.804	1.745
221133_s_at	51208	*CLDN18*	0.803	1.745
205382_s_at	1675	*CFD*	0.803	1.745

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
218368_s_at	51330	*TNFRSF12A*	0.803	1.744
204341_at	10626	*TRIM16*	0.801	1.742
222319_at	---	---	0.800	1.741
205303_at	3764	*KCNJ8*	0.800	1.741
201253_s_at	10423	*CDIPT*	0.799	1.740
215063_x_at	55631	*LRRC40*	0.799	1.740
210823_s_at	5802	*PTPRS*	0.799	1.739
220624_s_at	2001	*ELF5*	0.798	1.739
205370_x_at	1629	*DBT*	0.798	1.739
216844_at	23264	*ZC3H7B*	0.798	1.738
201850_at	822	*CAPG*	0.797	1.737
211083_s_at	9175	*MAP3K13*	0.796	1.737
203369_x_at	9260	*PDLIM7*	0.796	1.736
209120_at	7026	*NR2F2*	0.796	1.736
204433_s_at	9825	*SPATA2*	0.795	1.736
211331_x_at	3077	*HFE*	0.795	1.735
217650_x_at	6483	*ST3GAL2*	0.794	1.734
221606_s_at	79366	*NSBP1*	0.794	1.734
204314_s_at	1385	*CREB1*	0.794	1.734
215462_at	1263	*PLK3*	0.794	1.734
200968_s_at	5479	*PPIB*	0.794	1.734
222077_s_at	29127	*RACGAP1*	0.793	1.733
214845_s_at	813	*CALU*	0.793	1.733
208238_x_at	---	---	0.793	1.733
218305_at	79711	*IPO4*	0.793	1.733
209385_s_at	11212	*PROSC*	0.793	1.733
202095_s_at	332	*BIRC5*	0.793	1.733
217240_at	654056	*LOC654056*	0.792	1.732
211141_s_at	4849	*CNOT3*	0.792	1.732
39249_at	360	*AQP3*	0.792	1.731
206327_s_at	1013	*CDH15*	0.791	1.730
205120_s_at	6443	*SGCB*	0.790	1.730
214164_x_at	771	*CA12*	0.790	1.729
205966_at	6884	*TAF13*	0.789	1.728
201601_x_at	8519	*IFITM1*	0.789	1.728
214126_at	---	---	0.789	1.728
210655_s_at	2309	*FOXO3*	0.789	1.727
206996_x_at	782	*CACNB1*	0.786	1.725
208677_s_at	682	*BSG*	0.786	1.724
221926_s_at	84818	*IL17RC*	0.786	1.724
205210_at	9392	*TGFBRAP1*	0.785	1.723
209580_s_at	8930	*MBD4*	0.784	1.722
201252_at	5704	*PSMC4*	0.784	1.722
201693_s_at	1958	*EGR1*	0.784	1.721
207914_x_at	2128	*EVX1*	0.783	1.721
208748_s_at	10211	*FLOT1*	0.783	1.721
208060_at	5081	*PAX7*	0.783	1.721
206972_s_at	23432	*GPR161*	0.783	1.720

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
220229_s_at	23431	*AP4E1*	0.783	1.720
209152_s_at	6929	*TCF3*	0.782	1.720
205577_at	5837	*PYGM*	0.782	1.720
222062_at	9466	*IL27RA*	0.782	1.720
217821_s_at	51729	*WBP11*	0.782	1.719
201208_s_at	7126	*TNFAIP1*	0.781	1.718
214380_at	26121	*PRPF31*	0.781	1.718
207101_at	6843	*VAMP1*	0.781	1.718
208891_at	1848	*DUSP6*	0.780	1.717
210555_s_at	4775	*NFATC3*	0.780	1.717
217456_x_at	3133	*HLA-E*	0.780	1.717
218470_at	51067	*YARS2*	0.779	1.716
220938_s_at	10691	*GMEB1*	0.779	1.716
206276_at	8581	*LY6D*	0.779	1.716
217876_at	9328	*GTF3C5*	0.779	1.715
218044_x_at	5763	*PTMS*	0.779	1.715
202949_s_at	2274	*FHL2*	0.778	1.715
218541_s_at	56892	*C8orf4*	0.778	1.714
206809_s_at	220988	*HNRNPA3*	0.777	1.714
203246_s_at	10641	*TUSC4*	0.777	1.713
215935_at	647060	*FAM75A1*	0.776	1.713
207838_x_at	57326	*PBXIP1*	0.776	1.712
AFFX-hum_alu_at	---	---	0.775	1.711
205547_s_at	6876	*TAGLN*	0.774	1.711
203969_at	8504	*PEX3*	0.774	1.710
201262_s_at	633	*BGN*	0.773	1.709
206315_at	9244	*CRLF1*	0.773	1.708
201586_s_at	6421	*SFPQ*	0.772	1.707
201202_at	5111	*PCNA*	0.772	1.707
221553_at	84061	*MAGT1*	0.772	1.707
211326_x_at	3077	*HFE*	0.771	1.707
203336_s_at	9270	*ITGB1BP1*	0.771	1.707
208579_x_at	54145	*H2BFS*	0.771	1.706
206048_at	58495	*OVOL2*	0.771	1.706
212203_x_at	10410	*IFITM3*	0.771	1.706
201088_at	3838	*KPNA2*	0.771	1.706
206023_at	10874	*NMU*	0.771	1.706
202827_s_at	4323	*MMP14*	0.771	1.706
207766_at	8814	*CDKL1*	0.771	1.706
204230_s_at	57030	*SLC17A7*	0.770	1.705
206961_s_at	9477	*MED20*	0.769	1.705
209920_at	659	*BMPR2*	0.769	1.704
200744_s_at	2782	*GNB1*	0.769	1.704
219390_at	55033	*FKBP14*	0.768	1.703
210399_x_at	2528	*FUT6*	0.767	1.702
206429_at	2150	*F2RL1*	0.767	1.702
220109_at	7018	*TF*	0.767	1.702
218444_at	79087	*ALG12*	0.767	1.702

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
204339_s_at	5999	*RGS4*	0.767	1.701
201306_s_at	10541	*ANP32B*	0.766	1.701
204420_at	8061	*FOSL1*	0.766	1.701
212346_s_at	10608	*MXD4*	0.765	1.700
207828_s_at	1063	*CENPF*	0.765	1.699
206166_s_at	9635	*CLCA2*	0.765	1.699
218806_s_at	10451	*VAV3*	0.765	1.699
205394_at	1111	*CHEK1*	0.765	1.699
201842_s_at	2202	*EFEMP1*	0.764	1.699
201506_at	7045	*TGFBI*	0.764	1.698
203352_at	5000	*ORC4L*	0.764	1.698
205345_at	580	*BARD1*	0.763	1.697
208047_s_at	4664	*NAB1*	0.763	1.697
218585_s_at	51514	*DTL*	0.761	1.694
205005_s_at	9397	*NMT2*	0.761	1.694
203863_at	88	*ACTN2*	0.761	1.694
217294_s_at	2023	*ENO1*	0.760	1.693
206066_s_at	5889	*RAD51C*	0.760	1.693
205987_at	911	*CD1C*	0.759	1.693
204300_at	5188	*PET112L*	0.759	1.692
214887_at	90634	*N4BP2L1*	0.759	1.692
203919_at	6919	*TCEA2*	0.759	1.692
219893_at	64925	*CCDC71*	0.759	1.692
214311_at	7542	*ZFPL1*	0.759	1.692
213862_at	57104	*PNPLA2*	0.759	1.692
213139_at	6591	*SNAI2*	0.758	1.692
207550_at	4352	*MPL*	0.758	1.691
210158_at	2072	*ERCC4*	0.757	1.690
211514_at	25778	*DSTYK*	0.757	1.690
210726_at	1576	*CYP3A4*	0.757	1.690
204273_at	1910	*EDNRB*	0.757	1.690
209792_s_at	5655	*KLK10*	0.756	1.689
201066_at	1537	*CYC1*	0.756	1.689
215989_at	84733	*CBX2*	0.756	1.689
212886_at	26112	*CCDC69*	0.756	1.689
210916_s_at	960	*CD44*	0.756	1.689
203418_at	890	*CCNA2*	0.756	1.689
216310_at	57551	*TAOK1*	0.755	1.688
48808_at	1719	*DHFR*	0.755	1.688
211048_s_at	9601	*PDIA4*	0.755	1.688
218700_s_at	8934	*RAB7L1*	0.755	1.688
215154_at	9706	*ULK2*	0.754	1.687
207249_s_at	9153	*SLC28A2*	0.754	1.686
219614_s_at	54716	*SLC6A20*	0.753	1.686
215211_at	730092	*LOC730092*	0.752	1.684
201325_s_at	2012	*EMP1*	0.752	1.684
212020_s_at	4288	*MKI67*	0.752	1.684
217312_s_at	1294	*COL7A1*	0.751	1.683

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
209301_at	760	*CA2*	0.751	1.683
214011_s_at	51491	*NOP16*	0.751	1.683
217594_at	23318	*ZCCHC11*	0.751	1.682
219274_at	23554	*TSPAN12*	0.751	1.682
201013_s_at	10606	*PAICS*	0.750	1.682
212089_at	4000	*LMNA*	0.750	1.682
217368_at	517	*ATP5G2*	0.750	1.681
204130_at	3291	*HSD11B2*	0.749	1.681
207495_at	9364	*RAB28*	0.749	1.681
212529_at	124801	*LSM12*	0.749	1.680
219541_at	54923	*LIME1*	0.748	1.680
213299_at	51341	*ZBTB7A*	0.748	1.679
213095_x_at	199	*AIF1*	0.748	1.679
204228_at	10465	*PPIH*	0.748	1.679
203867_s_at	54475	*NLE1*	0.747	1.678
211000_s_at	3572	*IL6ST*	0.747	1.678
200610_s_at	4691	*NCL*	0.747	1.678
213690_s_at	---	---	0.746	1.677
205770_at	2936	*GSR*	0.746	1.677
217188_s_at	11161	*C14orf1*	0.746	1.677
201340_s_at	8507	*ENC1*	0.745	1.676
217660_at	79784	*MYH14*	0.745	1.676
214752_x_at	2316	*FLNA*	0.744	1.675
204962_s_at	1058	*CENPA*	0.743	1.674
220841_s_at	54806	*AHI1*	0.743	1.674
219298_at	79746	*ECHDC3*	0.743	1.674
213629_x_at	4494	*MT1F*	0.743	1.674
211224_s_at	8647	*ABCB11*	0.742	1.673
201373_at	5339	*PLEC1*	0.741	1.672
209589_s_at	2048	*EPHB2*	0.741	1.671
211882_x_at	2528	*FUT6*	0.741	1.671
221851_at	90379	*DCAF15*	0.740	1.671
208696_at	22948	*CCT5*	0.740	1.670
211533_at	5156	*PDGFRA*	0.740	1.670
206714_at	247	*ALOX15B*	0.739	1.669
212821_at	26030	*PLEKHG3*	0.739	1.669
218676_s_at	58488	*PCTP*	0.739	1.669
211661_x_at	5724	*PTAFR*	0.739	1.669
201610_at	23463	*ICMT*	0.739	1.669
200074_s_at	9045	*RPL14*	0.738	1.668
211190_x_at	8832	*CD84*	0.738	1.668
214989_x_at	---	---	0.738	1.668
205036_at	11157	*LSM6*	0.737	1.667
207607_at	430	*ASCL2*	0.737	1.667
210340_s_at	1438	*CSF2RA*	0.737	1.667
215742_at	---	---	0.737	1.667
217584_at	4864	*NPC1*	0.736	1.666
214632_at	8828	*NRP2*	0.736	1.666

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
209717_at	7813	*EVI5*	0.736	1.665
210398_x_at	2528	*FUT6*	0.735	1.664
215108_x_at	27324	*TOX3*	0.734	1.664
204468_s_at	7075	*TIE1*	0.734	1.663
221975_s_at	755	*C21orf2*	0.734	1.663
207125_at	7768	*ZNF225*	0.734	1.663
217211_at	---	---	0.733	1.662
203612_at	705	*BYSL*	0.733	1.662
222045_s_at	63935	*PCIF1*	0.732	1.661
204124_at	10568	*SLC34A2*	0.731	1.660
38158_at	9700	*ESPL1*	0.731	1.660
216013_at	158586	*ZXDB*	0.731	1.660
211797_s_at	4802	*NFYC*	0.731	1.659
205321_at	1968	*EIF2S3*	0.730	1.659
202347_s_at	3093	*UBE2K*	0.729	1.658
212806_at	158471	*PRUNE2*	0.729	1.657
221301_at	80737	*C6orf27*	0.729	1.657
209515_s_at	5873	*RAB27A*	0.729	1.657
203576_at	587	*BCAT2*	0.728	1.657
215483_at	10142	*AKAP9*	0.728	1.657
216915_s_at	5782	*PTPN12*	0.728	1.656
62987_r_at	27092	*CACNG4*	0.728	1.656
215383_x_at	51324	*SPG21*	0.728	1.656
216261_at	3690	*ITGB3*	0.728	1.656
216065_at	---	---	0.727	1.655
209291_at	3400	*ID4*	0.727	1.655
208971_at	7389	*UROD*	0.726	1.654
208606_s_at	54361	*WNT4*	0.726	1.654
212147_at	23381	*SMG5*	0.726	1.653
211221_at	10474	*TADA3L*	0.725	1.653
200935_at	811	*CALR*	0.725	1.653
213417_at	6909	*TBX2*	0.725	1.652
221579_s_at	11165	*NUDT3*	0.725	1.652
207578_s_at	3360	*HTR4*	0.724	1.652
218746_at	55080	*TAPBPL*	0.724	1.652
211444_at	---	---	0.724	1.652
206965_at	11278	*KLF12*	0.724	1.652
201516_at	6723	*SRM*	0.723	1.651
209567_at	23212	*RRS1*	0.723	1.651
206891_at	89	*ACTN3*	0.723	1.650
222177_s_at	54581	*SCAND2*	0.722	1.650
212109_at	90861	*HN1L*	0.722	1.650
205368_at	9715	*FAM131B*	0.722	1.650
220704_at	10320	*IKZF1*	0.722	1.650
206831_s_at	414	*ARSD*	0.722	1.650
214310_s_at	7542	*ZFPL1*	0.722	1.649
209698_at	54535	*CCHCR1*	0.721	1.649
203111_s_at	2185	*PTK2B*	0.721	1.648

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
204504_s_at	8479	*HIRIP3*	0.721	1.648
206376_at	55117	*SLC6A15*	0.721	1.648
220252_x_at	80231	*CXorf21*	0.720	1.647
208638_at	10130	*PDIA6*	0.720	1.647
219097_x_at	79086	*C19orf42*	0.720	1.647
207688_s_at	---	---	0.719	1.646
206220_s_at	22821	*RASA3*	0.719	1.646
205920_at	6533	*SLC6A6*	0.719	1.646
218991_at	63897	*HEATR6*	0.719	1.646
205951_at	4619	*MYH1*	0.719	1.646
216026_s_at	5426	*POLE*	0.719	1.646
212023_s_at	4288	*MKI67*	0.719	1.646
220985_s_at	81790	*RNF170*	0.718	1.645
213963_s_at	8819	*SAP30*	0.718	1.645
209790_s_at	839	*CASP6*	0.718	1.645
221905_at	1540	*CYLD*	0.718	1.644
201521_s_at	22916	*NCBP2*	0.718	1.644
218694_at	51309	*ARMCX1*	0.718	1.644
220840_s_at	55732	*C1orf112*	0.717	1.644
221463_at	6369	*CCL24*	0.716	1.643
210705_s_at	85363	*TRIM5*	0.716	1.642
210583_at	84271	*POLDIP3*	0.715	1.642
203391_at	2286	*FKBP2*	0.715	1.641
208621_s_at	7430	*EZR*	0.715	1.641
213762_x_at	27316	*RBMX*	0.714	1.641
218069_at	79077	*DCTPP1*	0.714	1.640
205367_at	10603	*SH2B2*	0.714	1.640
201663_s_at	10051	*SMC4*	0.713	1.640
204996_s_at	8851	*CDK5R1*	0.713	1.640
216100_s_at	26092	*TOR1AIP1*	0.713	1.640
218234_at	51147	*ING4*	0.713	1.639
211926_s_at	4627	*MYH9*	0.713	1.639
202712_s_at	548596	*CKMT1A*	0.713	1.639
212815_at	10973	*ASCC3*	0.713	1.639
39313_at	65125	*WNK1*	0.713	1.639
211261_at	8021	*NUP214*	0.712	1.638
221442_at	4159	*MC3R*	0.711	1.636
208416_s_at	6710	*SPTB*	0.710	1.636
221996_s_at	1212	*CLTB*	0.710	1.636
218762_at	64763	*ZNF574*	0.709	1.635
214145_s_at	6710	*SPTB*	0.709	1.635
206445_s_at	3276	*PRMT1*	0.709	1.635
212260_at	26058	*GIGYF2*	0.709	1.634
213872_at	81688	*C6orf62*	0.709	1.634
221889_at	253980	*KCTD13*	0.709	1.634
204794_at	1844	*DUSP2*	0.708	1.634
209055_s_at	988	*CDC5L*	0.708	1.633
220997_s_at	81624	*DIAPH3*	0.708	1.633

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
211931_s_at	220988	*HNRNPA3*	0.707	1.633
221892_at	9563	*H6PD*	0.707	1.632
213007_at	55215	*FANCI*	0.707	1.632
219215_s_at	55630	*SLC39A4*	0.707	1.632
220153_at	57089	*ENTPD7*	0.706	1.632
217031_at	3890	*KRT84*	0.706	1.632
219787_s_at	1894	*ECT2*	0.706	1.631
213981_at	1312	*COMT*	0.705	1.630
215986_at	---	---	0.703	1.628
203635_at	10311	*DSCR3*	0.703	1.628
206357_at	80207	*OPA3*	0.703	1.628
207516_at	1143	*CHRNB4*	0.703	1.627
204790_at	4092	*SMAD7*	0.702	1.627
207295_at	6340	*SCNN1G*	0.702	1.627
221225_at	79877	*DCAKD*	0.702	1.627
218499_at	51765	*RP6-213H19.1*	0.702	1.626
208694_at	5591	*PRKDC*	0.702	1.626
216963_s_at	2596	*GAP43*	0.701	1.626
200608_s_at	5885	*RAD21*	0.701	1.626
220183_s_at	11162	*NUDT6*	0.701	1.626
210880_s_at	10278	*EFS*	0.701	1.626
210016_at	23040	*MYT1L*	0.701	1.625
220594_at	8473	*OGT*	0.700	1.625
210291_s_at	7727	*ZNF174*	0.700	1.625
203154_s_at	10298	*PAK4*	0.700	1.624
209260_at	2810	*SFN*	0.700	1.624
221964_at	7289	*TULP3*	0.699	1.624
202875_s_at	5089	*PBX2*	0.699	1.624
211681_s_at	10611	*PDLIM5*	0.699	1.624
207390_s_at	6525	*SMTN*	0.699	1.623
205149_s_at	1183	*CLCN4*	0.699	1.623
201376_s_at	3185	*HNRNPF*	0.698	1.623
216784_at	---	---	0.698	1.623
200903_s_at	191	*AHCY*	0.698	1.623
211131_s_at	1896	*EDA*	0.698	1.623
209642_at	699	*BUB1*	0.698	1.622
205877_s_at	23264	*ZC3H7B*	0.698	1.622
207650_x_at	5731	*PTGER1*	0.698	1.622
208513_at	27023	*FOXB1*	0.697	1.622
206302_s_at	11163	*NUDT4*	0.697	1.621
207628_s_at	114049	*WBSCR22*	0.697	1.621
213993_at	10418	*SPON1*	0.697	1.621
204222_s_at	11010	*GLIPR1*	0.696	1.620
213608_s_at	402055	*SRRD*	0.696	1.620
214251_s_at	4926	*NUMA1*	0.695	1.618
206550_s_at	9631	*NUP155*	0.695	1.618
209732_at	9976	*CLEC2B*	0.695	1.618
205450_at	5255	*PHKA1*	0.694	1.618

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205746_s_at	6868	*ADAM17*	0.694	1.618
204597_x_at	6781	*STC1*	0.694	1.617
201091_s_at	11335	*CBX3*	0.692	1.616
215753_at	---	---	0.692	1.615
215357_s_at	84271	*POLDIP3*	0.692	1.615
207572_at	---	---	0.691	1.615
201090_x_at	10376	*TUBA1B*	0.691	1.615
207015_s_at	8854	*ALDH1A2*	0.691	1.614
201140_s_at	5878	*RAB5C*	0.691	1.614
217568_at	10876	*FAM12A*	0.691	1.614
200836_s_at	4134	*MAP4*	0.691	1.614
211015_s_at	3308	*HSPA4*	0.691	1.614
635_s_at	5526	*PPP2R5B*	0.689	1.613
218755_at	10112	*KIF20A*	0.689	1.612
216485_s_at	7177	*TPSAB1*	0.689	1.612
216495_x_at	3712	*IVD*	0.689	1.612
215558_at	23304	*UBR2*	0.688	1.611
217786_at	10419	*PRMT5*	0.688	1.611
216918_s_at	667	*DST*	0.688	1.611
206613_s_at	9015	*TAF1A*	0.687	1.610
204855_at	5268	*SERPINB5*	0.686	1.609
209552_at	7849	*PAX8*	0.686	1.609
202456_s_at	10444	*ZER1*	0.686	1.609
203400_s_at	7018	*TF*	0.686	1.609
213146_at	23135	*KDM6B*	0.686	1.609
216897_s_at	199870	*FAM76A*	0.685	1.608
221634_at	118433	*RPL23AP7*	0.685	1.608
219087_at	54829	*ASPN*	0.684	1.607
221189_s_at	80222	*TARS2*	0.684	1.607
218225_at	51295	*ECSIT*	0.684	1.607
209254_at	23008	*KLHDC10*	0.684	1.606
41858_at	27315	*PGAP2*	0.684	1.606
206459_s_at	7482	*WNT2B*	0.683	1.605
221176_x_at	80112	*WBSCR23*	0.683	1.605
217062_at	100287204	*LOC100287204*	0.682	1.605
213684_s_at	10611	*PDLIM5*	0.682	1.605
207104_x_at	10859	*LILRB1*	0.682	1.604
219324_at	79159	*NOL12*	0.682	1.604
200679_x_at	3146	*HMGB1*	0.681	1.604
221090_s_at	55239	*OGFOD1*	0.681	1.603
205022_s_at	1112	*FOXN3*	0.681	1.603
215102_at	100129460	*DPY19L1P1*	0.680	1.602
214365_at	7170	*TPM3*	0.680	1.602
215546_at	5711	*PSMD5*	0.679	1.601
218475_at	27037	*TRMT2A*	0.679	1.601
220455_at	23539	*SLC16A8*	0.679	1.601
204344_s_at	10484	*SEC23A*	0.679	1.601
207831_x_at	1725	*DHPS*	0.679	1.601

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
221979_at	100129250	*LOC100129250*	0.679	1.601
209223_at	4695	*NDUFA2*	0.678	1.600
209351_at	3861	*KRT14*	0.678	1.600
201268_at	4830	*NME1*	0.678	1.600
206356_s_at	2774	*GNAL*	0.678	1.600
203755_at	701	*BUB1B*	0.678	1.600
218863_s_at	7145	*TNS1*	0.677	1.599
216603_at	23428	*SLC7A8*	0.677	1.598
209144_s_at	9139	*CBFA2T2*	0.676	1.598
204695_at	993	*CDC25A*	0.676	1.597
210023_s_at	84759	*PCGF1*	0.676	1.597
200623_s_at	808	*CALM3*	0.675	1.597
217609_at	10233	*LRRC23*	0.675	1.597
209353_s_at	---	---	0.675	1.597
208950_s_at	501	*ALDH7A1*	0.675	1.597
215265_at	2016	*EMX1*	0.675	1.597
206665_s_at	598	*BCL2L1*	0.675	1.596
209740_s_at	8228	*PNPLA4*	0.675	1.596
205495_s_at	10578	*GNLY*	0.674	1.596
209849_s_at	5889	*RAD51C*	0.674	1.596
215336_at	11215	*AKAP11*	0.674	1.596
205024_s_at	5888	*RAD51*	0.674	1.595
207100_s_at	6843	*VAMP1*	0.673	1.595
220242_x_at	55762	*ZNF701*	0.673	1.594
218918_at	57134	*MAN1C1*	0.673	1.594
201747_s_at	6294	*SAFB*	0.673	1.594
204870_s_at	5126	*PCSK2*	0.673	1.594
218324_s_at	65244	*SPATS2*	0.673	1.594
212437_at	1059	*CENPB*	0.672	1.594
209111_at	6048	*RNF5*	0.672	1.593
217403_s_at	7770	*ZNF227*	0.672	1.593
202997_s_at	4017	*LOXL2*	0.671	1.593
220089_at	79944	*L2HGDH*	0.671	1.593
207693_at	785	*CACNB4*	0.671	1.592
211142_x_at	3111	*HLA-DOA*	0.670	1.591
218038_at	55101	*ATP5SL*	0.670	1.591
220687_at	---	---	0.670	1.591
201139_s_at	6741	*SSB*	0.670	1.591
212075_s_at	1457	*CSNK2A1*	0.670	1.591
210744_s_at	3568	*IL5RA*	0.670	1.591
205924_at	5865	*RAB3B*	0.669	1.590
204983_s_at	2239	*GPC4*	0.668	1.589
212995_x_at	80097	*FAM128B*	0.668	1.589
201555_at	4172	*MCM3*	0.668	1.589
222263_at	79939	*SLC35E1*	0.668	1.589
216911_s_at	23119	*HIC2*	0.668	1.589
205292_s_at	3181	*HNRNPA2B1*	0.668	1.588
203554_x_at	9232	*PTTG1*	0.668	1.588

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
207382_at	8626	*TP63*	0.668	1.588
218828_at	57048	*PLSCR3*	0.667	1.588
216528_at	---	---	0.667	1.588
206537_at	331	*XIAP*	0.667	1.588
219618_at	51135	*IRAK4*	0.667	1.588
201083_s_at	9774	*BCLAF1*	0.667	1.587
212099_at	388	*RHOB*	0.666	1.587
211604_x_at	9001	*HAP1*	0.666	1.587
208188_at	3857	*KRT9*	0.666	1.587
208490_x_at	8343	*HIST1H2BF*	0.666	1.587
203469_s_at	8558	*CDK10*	0.666	1.586
213655_at	---	---	0.665	1.586
218575_at	64682	*ANAPC1*	0.665	1.586
205086_s_at	29781	*NCAPH2*	0.665	1.586
213394_at	23005	*MAPKBP1*	0.665	1.585
221022_s_at	83449	*PMFBP1*	0.665	1.585
214359_s_at	3326	*HSP90AB1*	0.664	1.585
214544_s_at	8773	*SNAP23*	0.664	1.585
201504_s_at	7247	*TSN*	0.664	1.585
221678_at	57406	*ABHD6*	0.664	1.584
220081_x_at	51478	*HSD17B7*	0.664	1.584
214301_s_at	10570	*DPYSL4*	0.664	1.584
218333_at	51009	*DERL2*	0.663	1.584
214804_at	2491	*CENPI*	0.663	1.584
211912_at	10461	*MERTK*	0.663	1.584
212466_at	200734	*SPRED2*	0.663	1.584
204083_s_at	7169	*TPM2*	0.663	1.583
221912_s_at	79140	*CCDC28B*	0.662	1.583
210589_s_at	2630	*GBAP*	0.662	1.582
212279_at	27346	*TMEM97*	0.662	1.582
221732_at	124583	*CANT1*	0.661	1.582
207622_s_at	10061	*ABCF2*	0.661	1.582
205195_at	1174	*AP1S1*	0.661	1.581
216685_s_at	4507	*MTAP*	0.661	1.581
221529_s_at	83483	*PLVAP*	0.661	1.581
219632_s_at	7442	*TRPV1*	0.660	1.581
205985_x_at	1188	*CLCNKB*	0.660	1.580
207428_x_at	984	*CDC2L1*	0.660	1.580
209800_at	3868	*KRT16*	0.660	1.580
212514_x_at	1654	*DDX3X*	0.659	1.579
204120_s_at	132	*ADK*	0.659	1.578
216684_s_at	6760	*SS18*	0.658	1.578
212823_s_at	26030	*PLEKHG3*	0.658	1.578
211126_s_at	1466	*CSRP2*	0.658	1.578
201011_at	6184	*RPN1*	0.658	1.578
211024_s_at	7080	*NKX2-1*	0.657	1.577
215910_s_at	22862	*FNDC3A*	0.657	1.577
211004_s_at	221	*ALDH3B1*	0.657	1.577

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
220837_at	---	---	0.657	1.577
211456_x_at	645745	*MT1P2*	0.657	1.577
201315_x_at	10581	*IFITM2*	0.657	1.576
210564_x_at	8837	*CFLAR*	0.657	1.576
208510_s_at	5468	*PPARG*	0.656	1.576
221572_s_at	65010	*SLC26A6*	0.656	1.576
210874_s_at	24142	*NAT6*	0.656	1.576
201277_s_at	3182	*HNRNPAB*	0.656	1.576
200800_s_at	3303	*HSPA1A*	0.656	1.575
200805_at	10960	*LMAN2*	0.656	1.575
202007_at	4811	*NID1*	0.655	1.574
209104_s_at	55651	*NHP2*	0.655	1.574
41657_at	6794	*STK11*	0.654	1.574
202994_s_at	2192	*FBLN1*	0.654	1.573
215812_s_at	653562	*LOC653562*	0.653	1.573
204335_at	55702	*CCDC94*	0.653	1.572
217771_at	51280	*GOLM1*	0.653	1.572
204492_at	9824	*ARHGAP11A*	0.652	1.572
214291_at	729046	*LOC729046*	0.652	1.571
215233_at	23210	*JMJD6*	0.652	1.571
216769_x_at	---	---	0.652	1.571
222299_x_at	---	---	0.652	1.571
217602_at	5478	*PPIA*	0.652	1.571
209520_s_at	4686	*NCBP1*	0.652	1.571
206460_at	55966	*AJAP1*	0.651	1.570
217698_at	---	---	0.651	1.570
204326_x_at	4501	*MT1X*	0.650	1.569
216847_at	---	---	0.650	1.569
219628_at	64393	*ZMAT3*	0.650	1.569
211507_s_at	8897	*MTMR3*	0.650	1.569
32088_at	8548	*BLZF1*	0.650	1.569
208631_s_at	3030	*HADHA*	0.650	1.569
202940_at	65125	*WNK1*	0.649	1.569
211067_s_at	8522	*GAS7*	0.649	1.569
208628_s_at	4904	*YBX1*	0.649	1.568
219292_at	55145	*THAP1*	0.649	1.568
217919_s_at	28977	*MRPL42*	0.649	1.568
212844_at	23076	*RRP1B*	0.648	1.567
217185_s_at	8882	*ZNF259*	0.648	1.567
210539_at	23093	*TTLL5*	0.648	1.566
209727_at	2760	*GM2A*	0.647	1.566
205470_s_at	11012	*KLK11*	0.647	1.566
209408_at	11004	*KIF2C*	0.646	1.565
217271_at	2767	*GNA11*	0.646	1.565
204575_s_at	4327	*MMP19*	0.646	1.565
209731_at	4913	*NTHL1*	0.646	1.565
209881_s_at	27040	*LAT*	0.646	1.565
206928_at	7678	*ZNF124*	0.646	1.565

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
201650_at	3880	*KRT19*	0.646	1.565
213646_x_at	10376	*TUBA1B*	0.646	1.565
210799_at	3351	*HTR1B*	0.645	1.564
216197_at	55729	*ATF7IP*	0.645	1.564
208675_s_at	1650	*DDOST*	0.645	1.564
213008_at	55215	*FANCI*	0.644	1.563
201743_at	929	*CD14*	0.644	1.563
217816_s_at	57092	*PCNP*	0.644	1.562
204449_at	5082	*PDCL*	0.643	1.562
209299_x_at	23759	*PPIL2*	0.643	1.562
214997_at	286205	*SCAI*	0.643	1.562
200756_x_at	813	*CALU*	0.643	1.561
202535_at	8772	*FADD*	0.642	1.561
211058_x_at	10376	*TUBA1B*	0.642	1.561
215267_s_at	6543	*SLC8A2*	0.642	1.561
201295_s_at	26118	*WSB1*	0.642	1.561
204329_s_at	7753	*ZNF202*	0.642	1.561
206862_at	9534	*ZNF254*	0.642	1.561
200990_at	10155	*TRIM28*	0.642	1.560
214764_at	51018	*RRP15*	0.642	1.560
214286_at	2779	*GNAT1*	0.642	1.560
200796_s_at	4170	*MCL1*	0.641	1.560
206659_at	---	---	0.641	1.560
204191_at	3454	*IFNAR1*	0.641	1.560
216066_at	19	*ABCA1*	0.641	1.560
205312_at	6688	*SPI1*	0.641	1.559
217671_at	---	---	0.640	1.559
207143_at	1021	*CDK6*	0.640	1.558
205899_at	8900	*CCNA1*	0.640	1.558
217643_x_at	---	---	0.640	1.558
212468_at	9043	*SPAG9*	0.640	1.558
218719_s_at	64785	*GINS3*	0.640	1.558
209638_x_at	6002	*RGS12*	0.639	1.558
210766_s_at	1434	*CSE1L*	0.639	1.557
202802_at	1725	*DHPS*	0.639	1.557
200853_at	3015	*H2AFZ*	0.638	1.556
212050_at	147179	*WIPF2*	0.638	1.556
213936_x_at	6439	*SFTPB*	0.638	1.556
209878_s_at	5970	*RELA*	0.637	1.555
210415_s_at	4957	*ODF2*	0.637	1.555
215203_at	2803	*GOLGA4*	0.637	1.555
201843_s_at	2202	*EFEMP1*	0.637	1.555
217208_s_at	1739	*DLG1*	0.636	1.554
210951_x_at	5873	*RAB27A*	0.635	1.553
217666_at	---	---	0.635	1.553
212792_at	23333	*DPY19L1*	0.635	1.553
210551_s_at	438	*ASMT*	0.635	1.553
206873_at	765	*CA6*	0.635	1.552

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
218156_s_at	55720	*TSR1*	0.634	1.552
207928_s_at	8001	*GLRA3*	0.634	1.552
215961_at	2161	*F12*	0.633	1.551
217848_s_at	5464	*PPA1*	0.633	1.551
205539_at	10677	*AVIL*	0.633	1.551
218300_at	79447	*C16orf53*	0.633	1.550
211546_x_at	6622	*SNCA*	0.633	1.550
207150_at	6572	*SLC18A3*	0.633	1.550
209321_s_at	109	*ADCY3*	0.633	1.550
219235_s_at	65979	*PHACTR4*	0.632	1.550
220228_at	23431	*AP4E1*	0.631	1.549
204450_x_at	335	*APOA1*	0.631	1.549
208565_at	4161	*MC5R*	0.631	1.548
206540_at	79411	*GLB1L*	0.631	1.548
209591_s_at	655	*BMP7*	0.630	1.547
206547_s_at	5475	*PPEF1*	0.630	1.547
207094_at	3577	*IL8RA*	0.630	1.547
201014_s_at	10606	*PAICS*	0.629	1.547
216076_at	26013	*L3MBTL*	0.629	1.547
218177_at	57132	*CHMP1B*	0.629	1.547
222137_at	54862	*CC2D1A*	0.629	1.546
207921_x_at	7849	*PAX8*	0.629	1.546
200024_at	6193	*RPS5*	0.629	1.546
201136_at	5355	*PLP2*	0.628	1.546
213616_at	25941	*C18orf10*	0.628	1.545
212789_at	23310	*NCAPD3*	0.628	1.545
211006_s_at	3745	*KCNB1*	0.628	1.545
216242_x_at	246721	*POLR2J2*	0.628	1.545
211622_s_at	377	*ARF3*	0.628	1.545
203871_at	26168	*SENP3*	0.628	1.545
217555_at	8243	*SMC1A*	0.627	1.545
211833_s_at	581	*BAX*	0.627	1.545
211949_s_at	9221	*NOLC1*	0.627	1.545
218010_x_at	79144	*PPDPF*	0.627	1.545
209896_s_at	5781	*PTPN11*	0.626	1.544
218811_at	80228	*ORAI2*	0.626	1.544
218729_at	56925	*LXN*	0.626	1.543
213669_at	23149	*FCHO1*	0.626	1.543
217525_at	283298	*OLFML1*	0.626	1.543
204775_at	8208	*CHAF1B*	0.626	1.543
220889_s_at	56934	*CA10*	0.625	1.543
208581_x_at	4501	*MT1X*	0.625	1.543
201852_x_at	1281	*COL3A1*	0.625	1.542
206582_s_at	9289	*GPR56*	0.625	1.542
1773_at	2342	*FNTB*	0.625	1.542
215438_x_at	2935	*GSPT1*	0.625	1.542
211623_s_at	2091	*FBL*	0.625	1.542
201892_s_at	3615	*IMPDH2*	0.625	1.542

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
214722_at	388677	*NOTCH2NL*	0.624	1.542
200956_s_at	6749	*SSRP1*	0.624	1.542
211323_s_at	3708	*ITPR1*	0.624	1.542
201474_s_at	3675	*ITGA3*	0.624	1.541
207470_at	54744	*DKFZp566H0824*	0.624	1.541
212460_at	171546	*C14orf147*	0.624	1.541
219242_at	80254	*CEP63*	0.623	1.540
214953_s_at	351	*APP*	0.623	1.540
201797_s_at	7407	*VARS*	0.623	1.540
215650_at	---	---	0.623	1.540
206632_s_at	9582	*APOBEC3B*	0.622	1.539
201426_s_at	7431	*VIM*	0.622	1.539
206735_at	1137	*CHRNA4*	0.622	1.539
205293_x_at	10458	*BAIAP2*	0.622	1.539
212086_x_at	4000	*LMNA*	0.622	1.539
209745_at	10229	*COQ7*	0.621	1.538
208907_s_at	28973	*MRPS18B*	0.621	1.538
208161_s_at	8714	*ABCC3*	0.621	1.538
216397_s_at	23246	*BOP1*	0.621	1.538
211594_s_at	65005	*MRPL9*	0.620	1.537
204772_s_at	7270	*TTF1*	0.620	1.537
219909_at	79148	*MMP28*	0.619	1.536
208754_s_at	4673	*NAP1L1*	0.619	1.535
216664_at	---	---	0.619	1.535
210996_s_at	7531	*YWHAE*	0.619	1.535
208789_at	284119	*PTRF*	0.618	1.535
208361_s_at	661	*POLR3D*	0.618	1.535
215981_at	---	---	0.618	1.535
213081_at	9278	*ZBTB22*	0.618	1.534
209164_s_at	1534	*CYB561*	0.617	1.534
220403_s_at	63970	*TP53AIP1*	0.617	1.534
201267_s_at	5702	*PSMC3*	0.617	1.534
202309_at	4522	*MTHFD1*	0.617	1.533
213150_at	3206	*HOXA10*	0.616	1.533
215177_s_at	3655	*ITGA6*	0.616	1.532
201473_at	3726	*JUNB*	0.615	1.532
208627_s_at	4904	*YBX1*	0.615	1.532
200872_at	6281	*S100A10*	0.615	1.532
203027_s_at	4597	*MVD*	0.615	1.532
216614_at	---	---	0.615	1.531
217468_at	1565	*CYP2D6*	0.615	1.531
209831_x_at	1777	*DNASE2*	0.615	1.531
201983_s_at	1956	*EGFR*	0.614	1.531
206419_at	6097	*RORC*	0.614	1.531
210265_x_at	642559	*POU5F1P3*	0.614	1.531
201235_s_at	7832	*BTG2*	0.614	1.531
219209_at	64135	*IFIH1*	0.614	1.531
203520_s_at	24149	*ZNF318*	0.613	1.530

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
213586_at	100287600	*LOC100292793*	0.613	1.529
208457_at	2563	*GABRD*	0.612	1.529
206103_at	5881	*RAC3*	0.612	1.529
207939_x_at	10921	*RNPS1*	0.612	1.529
208078_s_at	150094	*SIK1*	0.612	1.528
213305_s_at	5527	*PPP2R5C*	0.612	1.528
204602_at	22943	*DKK1*	0.611	1.527
207971_s_at	23177	*CEP68*	0.611	1.527
214237_x_at	5074	*PAWR*	0.611	1.527
201477_s_at	6240	*RRM1*	0.610	1.527
219311_at	79959	*CEP76*	0.610	1.526
200967_at	5479	*PPIB*	0.610	1.526
211582_x_at	7940	*LST1*	0.610	1.526
208672_s_at	6428	*SFRS3*	0.609	1.526
200607_s_at	5885	*RAD21*	0.609	1.525
203145_at	10615	*SPAG5*	0.609	1.525
204173_at	140465	*MYL6B*	0.608	1.524
220711_at	---	---	0.607	1.524
204259_at	4316	*MMP7*	0.607	1.523
202899_s_at	6428	*SFRS3*	0.607	1.523
215033_at	4071	*TM4SF1*	0.607	1.523
218155_x_at	55720	*TSR1*	0.607	1.523
212224_at	216	*ALDH1A1*	0.607	1.523
201543_s_at	56681	*SAR1A*	0.607	1.523
201593_s_at	55854	*ZC3H15*	0.606	1.522
217595_at	2935	*GSPT1*	0.606	1.522
207324_s_at	1823	*DSC1*	0.606	1.522
208668_x_at	3151	*HMGN2*	0.605	1.521
211082_x_at	2011	*MARK2*	0.605	1.521
206152_at	116986	*AGAP2*	0.605	1.521
200692_s_at	3313	*HSPA9*	0.605	1.521
213451_x_at	7146	*TNXA*	0.605	1.521
200664_s_at	3337	*DNAJB1*	0.605	1.521
203949_at	4353	*MPO*	0.605	1.520
205185_at	11005	*SPINK5*	0.604	1.520
219129_s_at	79685	*SAP30L*	0.604	1.520
217703_x_at	---	---	0.604	1.519
211876_x_at	56106	*PCDHGA10*	0.603	1.519
213166_x_at	653784	*FAM128A*	0.603	1.519
204908_s_at	602	*BCL3*	0.603	1.519
204644_at	10495	*ENOX2*	0.603	1.519
204989_s_at	3691	*ITGB4*	0.603	1.519
220090_at	49860	*CRNN*	0.602	1.518
206991_s_at	1234	*CCR5*	0.602	1.518
217210_at	---	---	0.602	1.518
215717_s_at	2201	*FBN2*	0.602	1.518
201996_s_at	23013	*SPEN*	0.601	1.517
201282_at	4967	*OGDH*	0.600	1.516

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
214944_at	23035	*PHLPP2*	0.600	1.516
204907_s_at	602	*BCL3*	0.600	1.516
202044_at	2909	*GRLF1*	0.600	1.516
221822_at	112869	*CCDC101*	0.600	1.515
214000_s_at	6001	*RGS10*	0.599	1.515
219134_at	64123	*ELTD1*	0.599	1.515
211013_x_at	5371	*PML*	0.599	1.515
212188_at	115207	*KCTD12*	0.599	1.515
203722_at	8659	*ALDH4A1*	0.599	1.515
204026_s_at	11130	*ZWINT*	0.598	1.514
218504_at	51011	*FAHD2A*	0.598	1.514
220246_at	57118	*CAMK1D*	0.598	1.513
211017_s_at	4771	*NF2*	0.597	1.513
206008_at	7051	*TGM1*	0.597	1.513
213064_at	79882	*ZC3H14*	0.597	1.512
206574_s_at	11156	*PTP4A3*	0.597	1.512
205494_at	55565	*ZNF821*	0.597	1.512
209675_s_at	11100	*HNRNPUL1*	0.596	1.512
221041_s_at	26503	*SLC17A5*	0.596	1.512
204268_at	6273	*S100A2*	0.596	1.511
209837_at	9179	*AP4M1*	0.595	1.511
209196_at	9277	*WDR46*	0.595	1.511
220831_at	51301	*GCNT4*	0.595	1.511
209941_at	8737	*RIPK1*	0.595	1.510
210338_s_at	3312	*HSPA8*	0.594	1.510
209609_s_at	65005	*MRPL9*	0.594	1.510
216663_s_at	51364	*ZMYND10*	0.594	1.509
216500_at	---	---	0.594	1.509
213461_at	11051	*NUDT21*	0.593	1.509
214982_at	23020	*SNRNP200*	0.593	1.509
207349_s_at	7352	*UCP3*	0.593	1.508
217572_at	---	---	0.593	1.508
210983_s_at	4176	*MCM7*	0.593	1.508
216177_at	---	---	0.592	1.508
215668_s_at	5364	*PLXNB1*	0.591	1.507
210692_s_at	29015	*SLC43A3*	0.591	1.507
221637_s_at	79081	*C11orf48*	0.591	1.507
218487_at	210	*ALAD*	0.591	1.506
210491_at	---	---	0.591	1.506
218356_at	29960	*FTSJ2*	0.590	1.506
214623_at	26226	*FBXW4P1*	0.590	1.505
208671_at	57515	*SERINC1*	0.590	1.505
218977_s_at	54952	*TRNAU1AP*	0.590	1.505
41577_at	26051	*PPP1R16B*	0.590	1.505
203737_s_at	23082	*PPRC1*	0.590	1.505
208828_at	54107	*POLE3*	0.589	1.504
211143_x_at	3164	*NR4A1*	0.589	1.504
201490_s_at	10105	*PPIF*	0.589	1.504

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
200648_s_at	2752	*GLUL*	0.589	1.504
221418_s_at	10025	*MED16*	0.589	1.504
201808_s_at	2022	*ENG*	0.588	1.504
213024_at	7110	*TMF1*	0.588	1.504
216559_x_at	3178	*HNRNPA1*	0.588	1.504
218270_at	79590	*MRPL24*	0.588	1.503
212891_s_at	90480	*GADD45GIP1*	0.588	1.503
214223_at	---	---	0.588	1.503
204817_at	9700	*ESPL1*	0.588	1.503
220868_s_at	56301	*SLC7A10*	0.587	1.502
207130_at	23613	*ZMYND8*	0.586	1.502
219513_s_at	10045	*SH2D3A*	0.586	1.501
201664_at	10051	*SMC4*	0.586	1.501
202964_s_at	5993	*RFX5*	0.586	1.501
207797_s_at	55805	*LRP2BP*	0.586	1.501
200643_at	3069	*HDLBP*	0.585	1.500
216425_at	---	---	0.585	1.500
216439_at	10188	*TNK2*	0.585	1.500
219539_at	79833	*GEMIN6*	0.585	1.500
205902_at	3782	*KCNN3*	-0.585	-1.500
207035_at	7781	*SLC30A3*	-0.585	-1.500
209626_s_at	26031	*OSBPL3*	-0.585	-1.500
214312_at	3170	*FOXA2*	-0.585	-1.500
214490_at	416	*ARSF*	-0.585	-1.500
214747_at	9889	*ZBED4*	-0.585	-1.500
214844_s_at	55816	*DOK5*	-0.585	-1.500
216113_at	10152	*ABI2*	-0.585	-1.500
216193_at	440366	*LOC440366*	-0.585	-1.500
216224_s_at	10013	*HDAC6*	-0.585	-1.500
216283_s_at	5817	*PVR*	-0.585	-1.500
217577_at	---	---	-0.585	-1.500
219415_at	57348	*TTYH1*	-0.585	-1.500
221385_s_at	2865	*FFAR3*	-0.585	-1.500
214973_x_at	3495	*IGHD*	-0.585	-1.500
211590_x_at	6915	*TBXA2R*	-0.585	-1.500
210479_s_at	6095	*RORA*	-0.585	-1.500
217951_s_at	23469	*PHF3*	-0.585	-1.500
213528_at	92342	*C1orf156*	-0.586	-1.501
217483_at	2346	*FOLH1*	-0.586	-1.501
214987_at	2549	*GAB1*	-0.586	-1.501
201313_at	2026	*ENO2*	-0.586	-1.501
217318_x_at	3802	*KIR2DL1*	-0.586	-1.501
214627_at	8288	*EPX*	-0.586	-1.501
206242_at	9032	*TM4SF5*	-0.586	-1.501
211249_at	8111	*GPR68*	-0.586	-1.501
214218_s_at	7503	*XIST*	-0.587	-1.502
211959_at	3488	*IGFBP5*	-0.587	-1.502
215597_x_at	---	---	-0.587	-1.502

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
212404_s_at	89910	*UBE3B*	-0.587	-1.502
220063_at	79807	*GSTCD*	-0.587	-1.502
206256_at	1369	*CPN1*	-0.587	-1.502
204266_s_at	1119	*CHKA*	-0.587	-1.502
214341_at	79178	*THTPA*	-0.587	-1.502
201733_at	1182	*CLCN3*	-0.587	-1.502
220396_at	---	---	-0.587	-1.502
213262_at	26278	*SACS*	-0.587	-1.502
208561_at	10060	*ABCC9*	-0.587	-1.502
218173_s_at	54904	*WHSC1L1*	-0.587	-1.502
221800_s_at	80233	*C17orf70*	-0.587	-1.502
218873_at	54856	*GON4L*	-0.587	-1.502
40612_at	23033	*DOPEY1*	-0.588	-1.503
203932_at	3109	*HLA-DMB*	-0.588	-1.503
218453_s_at	729515	*C6orf35*	-0.588	-1.503
202684_s_at	8731	*RNMT*	-0.588	-1.503
212407_at	51603	*METTL13*	-0.588	-1.503
207704_s_at	8522	*GAS7*	-0.588	-1.503
205610_at	8736	*MYOM1*	-0.588	-1.503
209884_s_at	9497	*SLC4A7*	-0.588	-1.503
203183_s_at	6602	*SMARCD1*	-0.588	-1.503
222160_at	26993	*AKAP8L*	-0.588	-1.504
212331_at	5934	*RBL2*	-0.588	-1.504
210788_s_at	51635	*DHRS7*	-0.588	-1.504
216902_s_at	653390	*LOC653390*	-0.589	-1.504
202258_s_at	10443	*N4BP2L2*	-0.589	-1.504
207617_at	1654	*DDX3X*	-0.589	-1.504
204567_s_at	9619	*ABCG1*	-0.589	-1.504
203042_at	3920	*LAMP2*	-0.589	-1.504
214822_at	57795	*FAM5B*	-0.589	-1.504
52940_at	100294402	*LOC100294402*	-0.589	-1.504
211265_at	5733	*PTGER3*	-0.589	-1.504
204345_at	1307	*COL16A1*	-0.589	-1.504
206930_at	10249	*GLYAT*	-0.589	-1.505
214228_x_at	7293	*TNFRSF4*	-0.589	-1.505
211033_s_at	5191	*PEX7*	-0.589	-1.505
221978_at	3134	*HLA-F*	-0.589	-1.505
201884_at	1048	*CEACAM5*	-0.590	-1.505
206589_at	2672	*GFI1*	-0.590	-1.505
222343_at	10018	*BCL2L11*	-0.590	-1.505
211548_s_at	3248	*HPGD*	-0.590	-1.506
212498_at	---	---	-0.590	-1.506
219866_at	53405	*CLIC5*	-0.591	-1.506
220078_at	84196	*USP48*	-0.591	-1.506
214204_at	135138	*PACRG*	-0.591	-1.506
216822_x_at	---	---	-0.591	-1.506
220555_s_at	79955	*PDZD7*	-0.591	-1.506
219458_s_at	63899	*NSUN3*	-0.591	-1.506

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
212965_at	23119	*HIC2*	-0.591	-1.506
208278_s_at	---	---	-0.591	-1.506
203626_s_at	6502	*SKP2*	-0.591	-1.506
218532_s_at	54463	*FAM134B*	-0.592	-1.507
211146_at	3107	*HLA-C*	-0.592	-1.507
206151_x_at	23436	*CELA3B*	-0.592	-1.507
205552_s_at	4938	*OAS1*	-0.592	-1.507
217124_at	23288	*IQCE*	-0.592	-1.507
205513_at	6947	*TCN1*	-0.592	-1.507
222018_at	4666	*NACA*	-0.592	-1.507
215917_at	170598	*RAD21L1*	-0.592	-1.508
217019_at	391777	*RPS4P6*	-0.592	-1.508
210773_s_at	2358	*FPR2*	-0.592	-1.508
220866_at	11174	*ADAMTS6*	-0.593	-1.508
202610_s_at	9282	*MED14*	-0.593	-1.508
222159_at	---	---	-0.593	-1.508
219644_at	51134	*CCDC41*	-0.593	-1.508
205166_at	726	*CAPN5*	-0.593	-1.508
216386_at	220077	*LOC220077*	-0.593	-1.508
200899_s_at	10724	*MGEA5*	-0.593	-1.509
214464_at	8476	*CDC42BPA*	-0.593	-1.509
212511_at	8301	*PICALM*	-0.593	-1.509
211908_x_at	3500	*IGHG1*	-0.594	-1.509
216132_at	---	---	-0.594	-1.509
205305_at	2267	*FGL1*	-0.594	-1.509
201677_at	56941	*C3orf37*	-0.594	-1.509
218301_at	57140	*RNPEPL1*	-0.594	-1.510
220018_at	79872	*CBLL1*	-0.594	-1.510
215544_s_at	22888	*UBOX5*	-0.594	-1.510
211657_at	4680	*CEACAM6*	-0.594	-1.510
210883_x_at	1949	*EFNB3*	-0.595	-1.510
213499_at	1181	*CLCN2*	-0.595	-1.510
209107_x_at	8648	*NCOA1*	-0.595	-1.510
217544_at	729806	*LOC729806*	-0.595	-1.510
205050_s_at	23542	*MAPK8IP2*	-0.595	-1.510
207960_at	---	---	-0.595	-1.510
208835_s_at	51747	*LUC7L3*	-0.595	-1.510
203011_at	3612	*IMPA1*	-0.595	-1.510
209603_at	2625	*GATA3*	-0.595	-1.510
221224_s_at	79877	*DCAKD*	-0.595	-1.510
211803_at	1017	*CDK2*	-0.595	-1.510
212849_at	8312	*AXIN1*	-0.595	-1.510
204820_s_at	11118	*BTN3A2*	-0.595	-1.511
207719_x_at	9859	*CEP170*	-0.596	-1.511
210001_s_at	8651	*SOCS1*	-0.596	-1.511
210157_at	8725	*C19orf2*	-0.596	-1.511
213675_at	---	---	-0.596	-1.511
211453_s_at	208	*AKT2*	-0.596	-1.511

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
215366_at	23161	*SNX13*	-0.596	-1.512
216960_s_at	7692	*ZNF133*	-0.596	-1.512
220893_at	57399	*LOC57399*	-0.596	-1.512
221214_s_at	26012	*NELF*	-0.596	-1.512
205095_s_at	535	*ATP6V0A1*	-0.596	-1.512
215492_x_at	171558	*PTCRA*	-0.597	-1.512
213786_at	8887	*TAX1BP1*	-0.597	-1.512
216160_at	---	---	-0.597	-1.512
217003_s_at	255926	*ADAM5P*	-0.597	-1.512
210316_at	2324	*FLT4*	-0.597	-1.513
213416_at	3676	*ITGA4*	-0.597	-1.513
211480_s_at	6579	*SLCO1A2*	-0.597	-1.513
210819_x_at	1734	*DIO2*	-0.597	-1.513
206037_at	883	*CCBL1*	-0.598	-1.513
216573_at	3535	*IGL@*	-0.598	-1.513
219668_at	78997	*GDAP1L1*	-0.598	-1.513
216503_s_at	8028	*MLLT10*	-0.598	-1.513
214538_x_at	9628	*RGS6*	-0.598	-1.513
220327_at	389136	*VGLL3*	-0.598	-1.513
214163_at	51668	*HSPB11*	-0.598	-1.514
214931_s_at	6733	*SRPK2*	-0.598	-1.514
205374_at	6588	*SLN*	-0.598	-1.514
217794_at	54458	*PRR13*	-0.598	-1.514
202800_at	6507	*SLC1A3*	-0.598	-1.514
211094_s_at	4763	*NF1*	-0.598	-1.514
205927_s_at	1510	*CTSE*	-0.599	-1.514
209742_s_at	4633	*MYL2*	-0.599	-1.514
204886_at	10733	*PLK4*	-0.599	-1.514
204655_at	6352	*CCL5*	-0.599	-1.515
34478_at	9230	*RAB11B*	-0.599	-1.515
205499_at	27286	*SRPX2*	-0.599	-1.515
210166_at	7100	*TLR5*	-0.599	-1.515
210533_at	4438	*MSH4*	-0.600	-1.515
208549_x_at	326626	*PTMAP7*	-0.600	-1.515
219273_at	8812	*CCNK*	-0.600	-1.515
217479_at	---	---	-0.600	-1.515
209574_s_at	753	*C18orf1*	-0.600	-1.516
212609_s_at	10000	*AKT3*	-0.600	-1.516
215572_at	646934	*LOC646934*	-0.600	-1.516
209375_at	7508	*XPC*	-0.600	-1.516
215965_at	---	---	-0.601	-1.516
208140_s_at	83450	*LRRC48*	-0.601	-1.516
214072_x_at	100287008	*LOC100291670*	-0.601	-1.516
212818_s_at	51665	*ASB1*	-0.601	-1.516
204103_at	6351	*CCL4*	-0.601	-1.517
217443_at	---	---	-0.601	-1.517
219471_at	80183	*C13orf18*	-0.602	-1.517
203654_s_at	8161	*COIL*	-0.602	-1.517

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
218871_x_at	55454	*CSGALNACT2*	-0.602	-1.518
218600_at	80774	*LIMD2*	-0.602	-1.518
214124_x_at	---	---	-0.602	-1.518
217793_at	9230	*RAB11B*	-0.602	-1.518
213045_at	23031	*MAST3*	-0.602	-1.518
215749_s_at	64689	*GORASP1*	-0.602	-1.518
203922_s_at	1536	*CYBB*	-0.602	-1.518
204815_s_at	9704	*DHX34*	-0.602	-1.518
220558_x_at	10077	*TSPAN32*	-0.602	-1.518
216226_at	6875	*TAF4B*	-0.603	-1.518
210122_at	5620	*PRM2*	-0.603	-1.519
216662_at	4648	*MYO7B*	-0.603	-1.519
207976_at	23276	*KLHL18*	-0.603	-1.519
204648_at	4881	*NPR1*	-0.603	-1.519
220834_at	54860	*MS4A12*	-0.603	-1.519
202379_s_at	4820	*NKTR*	-0.603	-1.519
58900_at	222070	*LOC222070*	-0.603	-1.519
214689_at	60676	*PAPPA2*	-0.603	-1.519
210152_at	11006	*LILRB4*	-0.604	-1.520
213962_s_at	23141	*ANKLE2*	-0.604	-1.520
46256_at	90864	*SPSB3*	-0.604	-1.520
216244_at	3557	*IL1RN*	-0.604	-1.520
217641_at	64582	*GPR135*	-0.604	-1.520
204553_x_at	3631	*INPP4A*	-0.604	-1.520
205225_at	2099	*ESR1*	-0.604	-1.520
206667_s_at	9522	*SCAMP1*	-0.604	-1.520
216246_at	---	---	-0.605	-1.520
215006_at	---	---	-0.605	-1.521
204572_s_at	5303	*PIN4*	-0.605	-1.521
206705_at	7287	*TULP1*	-0.605	-1.521
211222_s_at	9001	*HAP1*	-0.605	-1.521
207131_x_at	2678	*GGT1*	-0.605	-1.521
210634_at	27252	*KLHL20*	-0.605	-1.521
216479_at	6144	*RPL21*	-0.605	-1.521
216827_at	---	---	-0.605	-1.521
204959_at	4332	*MNDA*	-0.605	-1.521
207820_at	124	*ADH1A*	-0.606	-1.522
221510_s_at	2744	*GLS*	-0.606	-1.522
210815_s_at	10203	*CALCRL*	-0.606	-1.522
213269_at	57209	*ZNF248*	-0.606	-1.522
213622_at	1298	*COL9A2*	-0.606	-1.522
215705_at	5536	*PPP5C*	-0.606	-1.522
210957_s_at	2334	*AFF2*	-0.606	-1.522
219071_x_at	51236	*C8orf30A*	-0.606	-1.522
220001_at	23569	*PADI4*	-0.606	-1.522
203903_s_at	9843	*HEPH*	-0.607	-1.523
31861_at	3508	*IGHMBP2*	-0.607	-1.523
205734_s_at	3899	*AFF3*	-0.607	-1.523

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
210361_s_at	1998	*ELF2*	-0.607	-1.523
207274_at	1145	*CHRNE*	-0.607	-1.523
209559_at	9026	*HIP1R*	-0.607	-1.523
219302_s_at	26047	*CNTNAP2*	-0.607	-1.523
208591_s_at	5140	*PDE3B*	-0.607	-1.524
220684_at	30009	*TBX21*	-0.607	-1.524
210671_x_at	5599	*MAPK8*	-0.608	-1.524
218066_at	10723	*SLC12A7*	-0.608	-1.524
37966_at	29780	*PARVB*	-0.608	-1.524
208995_s_at	9360	*PPIG*	-0.608	-1.524
213057_at	91647	*ATPAF2*	-0.608	-1.524
207745_at	51475	*CABP2*	-0.608	-1.524
219591_at	51286	*CEND1*	-0.608	-1.524
204802_at	6236	*RRAD*	-0.609	-1.525
205182_s_at	25799	*ZNF324*	-0.609	-1.525
205355_at	36	*ACADSB*	-0.609	-1.525
219785_s_at	79791	*FBXO31*	-0.609	-1.525
206161_s_at	6861	*SYT5*	-0.609	-1.525
205062_x_at	5926	*ARID4A*	-0.609	-1.525
2028_s_at	1869	*E2F1*	-0.609	-1.525
209995_s_at	8115	*TCL1A*	-0.609	-1.525
216658_at	---	---	-0.609	-1.525
211638_at	3492	*IGH@*	-0.609	-1.526
221558_s_at	51176	*LEF1*	-0.609	-1.526
203716_s_at	1803	*DPP4*	-0.609	-1.526
214591_at	56062	*KLHL4*	-0.609	-1.526
216679_at	414771	*TIGD1L*	-0.610	-1.526
204604_at	5218	*PFTK1*	-0.610	-1.526
206118_at	6775	*STAT4*	-0.610	-1.526
222262_s_at	55500	*ETNK1*	-0.610	-1.526
211455_at	---	---	-0.610	-1.526
205234_at	9122	*SLC16A4*	-0.610	-1.526
212828_at	8871	*SYNJ2*	-0.610	-1.526
209200_at	4208	*MEF2C*	-0.610	-1.527
212977_at	57007	*CXCR7*	-0.611	-1.527
215511_at	6942	*TCF20*	-0.611	-1.527
210021_s_at	10309	*CCNO*	-0.611	-1.527
220430_at	79927	*GRRP1*	-0.611	-1.527
213931_at	3398	*ID2*	-0.611	-1.527
204515_at	3283	*HSD3B1*	-0.611	-1.527
216122_at	---	---	-0.611	-1.527
207601_at	27284	*SULT1B1*	-0.611	-1.528
221943_x_at	6169	*RPL38*	-0.611	-1.528
39705_at	23309	*SIN3B*	-0.611	-1.528
216488_s_at	23250	*ATP11A*	-0.612	-1.528
216907_x_at	3812	*KIR3DL2*	-0.612	-1.528
221663_x_at	11255	*HRH3*	-0.612	-1.528
205795_at	9369	*NRXN3*	-0.612	-1.528

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
220143_x_at	55692	*LUC7L*	-0.612	-1.528
210189_at	3305	*HSPA1L*	-0.612	-1.529
206436_at	758	*MPPED1*	-0.612	-1.529
205433_at	590	*BCHE*	-0.612	-1.529
215817_at	5275	*SERPINB13*	-0.612	-1.529
212478_at	64795	*RMND5A*	-0.612	-1.529
205049_s_at	973	*CD79A*	-0.613	-1.529
216366_x_at	---	---	-0.613	-1.529
221629_x_at	51236	*C8orf30A*	-0.613	-1.529
222248_s_at	23409	*SIRT4*	-0.613	-1.529
209737_at	9863	*MAGI2*	-0.613	-1.529
217261_at	100101117	*LOC100101117*	-0.613	-1.529
208118_x_at	387254	*IMAA*	-0.613	-1.529
210722_at	5407	*PNLIPRP1*	-0.613	-1.529
201535_at	5412	*UBL3*	-0.613	-1.530
205983_at	1800	*DPEP1*	-0.613	-1.530
217683_at	3046	*HBE1*	-0.614	-1.530
215687_x_at	23236	*PLCB1*	-0.614	-1.530
218633_x_at	55347	*ABHD10*	-0.614	-1.530
219811_at	54487	*DGCR8*	-0.614	-1.531
204795_at	80742	*PRR3*	-0.614	-1.531
205718_at	3695	*ITGB7*	-0.614	-1.531
215115_x_at	4916	*NTRK3*	-0.614	-1.531
212488_at	1289	*COL5A1*	-0.614	-1.531
200724_at	6134	*RPL10*	-0.614	-1.531
214034_at	51752	*ERAP1*	-0.614	-1.531
205520_at	6801	*STRN*	-0.614	-1.531
220377_at	29064	*FAM30A*	-0.615	-1.531
211626_x_at	2078	*ERG*	-0.615	-1.531
220152_at	79946	*C10orf95*	-0.615	-1.531
205615_at	1357	*CPA1*	-0.615	-1.531
214837_at	213	*ALB*	-0.615	-1.532
208701_at	334	*APLP2*	-0.615	-1.532
216668_at	---	---	-0.615	-1.532
213283_s_at	6297	*SALL2*	-0.615	-1.532
203891_s_at	1613	*DAPK3*	-0.615	-1.532
220457_at	55095	*SAMD4B*	-0.615	-1.532
216296_at	1211	*CLTA*	-0.615	-1.532
206006_s_at	22832	*KIAA1009*	-0.615	-1.532
211738_x_at	10136	*CELA3A*	-0.615	-1.532
210601_at	1004	*CDH6*	-0.616	-1.532
216993_s_at	1302	*COL11A2*	-0.616	-1.532
205261_at	5225	*PGC*	-0.616	-1.532
220540_at	60598	*KCNK15*	-0.616	-1.532
213421_x_at	5646	*PRSS3*	-0.616	-1.533
206755_at	1555	*CYP2B6*	-0.616	-1.533
216446_at	---	---	-0.616	-1.533
208214_at	153	*ADRB1*	-0.616	-1.533

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
213160_at	1794	*DOCK2*	-0.616	-1.533
44822_s_at	54531	*MIER2*	-0.616	-1.533
35147_at	23263	*MCF2L*	-0.616	-1.533
207559_s_at	9203	*ZMYM3*	-0.617	-1.533
214901_at	7554	*ZNF8*	-0.617	-1.533
219654_at	9200	*PTPLA*	-0.617	-1.534
209361_s_at	57060	*PCBP4*	-0.617	-1.534
210586_x_at	6007	*RHD*	-0.617	-1.534
201249_at	6513	*SLC2A1*	-0.617	-1.534
220236_at	55066	*PDPR*	-0.617	-1.534
200855_at	149934	*C20orf191*	-0.617	-1.534
219170_at	79187	*FSD1*	-0.617	-1.534
214830_at	145389	*SLC38A6*	-0.618	-1.534
204073_s_at	745	*C11orf9*	-0.618	-1.534
210286_s_at	9497	*SLC4A7*	-0.618	-1.534
217944_at	55624	*POMGNT1*	-0.618	-1.535
209984_at	23081	*KDM4C*	-0.618	-1.535
220568_at	---	---	-0.618	-1.535
205815_at	5068	*REG3A*	-0.618	-1.535
219975_x_at	55301	*OLAH*	-0.619	-1.535
217642_at	9810	*RNF40*	-0.619	-1.535
205809_s_at	8976	*WASL*	-0.619	-1.535
210545_at	50618	*ITSN2*	-0.619	-1.536
205297_s_at	974	*CD79B*	-0.619	-1.536
217542_at	4193	*MDM2*	-0.619	-1.536
217246_s_at	1730	*DIAPH2*	-0.619	-1.536
203263_s_at	23229	*ARHGEF9*	-0.619	-1.536
221907_at	115708	*TRMT61A*	-0.619	-1.536
206685_at	54435	*HCG4*	-0.619	-1.536
209433_s_at	5471	*PPAT*	-0.620	-1.537
205852_at	8941	*CDK5R2*	-0.620	-1.537
204359_at	23768	*FLRT2*	-0.620	-1.537
212970_at	323	*APBB2*	-0.620	-1.537
215635_at	---	---	-0.620	-1.537
221303_at	29930	*PCDHB1*	-0.620	-1.537
210751_s_at	9104	*RGN*	-0.620	-1.537
220574_at	80031	*SEMA6D*	-0.620	-1.537
208733_at	5862	*RAB2A*	-0.621	-1.538
215940_at	---	---	-0.621	-1.538
213676_at	441151	*TMEM151B*	-0.621	-1.538
215944_at	---	---	-0.621	-1.538
209734_at	3071	*NCKAP1L*	-0.621	-1.538
215078_at	6648	*SOD2*	-0.621	-1.538
217290_at	---	---	-0.621	-1.538
222139_at	57612	*KIAA1466*	-0.621	-1.538
207718_x_at	1549	*CYP2A7*	-0.622	-1.539
206750_at	7975	*MAFK*	-0.622	-1.539
205347_s_at	11013	*TMSB15A*	-0.622	-1.539

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
220105_at	27156	*RTDR1*	-0.622	-1.539
212939_at	1291	*COL6A1*	-0.622	-1.539
217236_x_at	3492	*IGH@*	-0.622	-1.539
209159_s_at	65009	*NDRG4*	-0.622	-1.539
220138_at	9421	*HAND1*	-0.622	-1.539
215752_at	23235	*SIK2*	-0.622	-1.539
205144_at	84179	*MFSD7*	-0.622	-1.539
203714_s_at	6905	*TBCE*	-0.622	-1.539
217979_at	27075	*TSPAN13*	-0.622	-1.539
37512_at	8630	*HSD17B6*	-0.623	-1.540
211363_s_at	4507	*MTAP*	-0.623	-1.540
206139_at	5298	*PI4KB*	-0.623	-1.540
215473_at	---	---	-0.623	-1.540
206948_at	10825	*NEU3*	-0.623	-1.540
218833_at	51776	*ZAK*	-0.623	-1.540
206778_at	1415	*CRYBB2*	-0.623	-1.540
222257_s_at	59272	*ACE2*	-0.624	-1.541
213169_at	9037	*SEMA5A*	-0.624	-1.541
219180_s_at	55670	*PEX26*	-0.624	-1.541
217434_at	4158	*MC2R*	-0.624	-1.541
217554_at	---	---	-0.624	-1.541
219264_s_at	28227	*PPP2R3B*	-0.624	-1.542
205910_s_at	1056	*CEL*	-0.624	-1.542
207568_at	8973	*CHRNA6*	-0.624	-1.542
217035_at	3500	*IGHG1*	-0.624	-1.542
210772_at	2358	*FPR2*	-0.625	-1.542
219987_at	---	---	-0.625	-1.542
220896_at	80028	*FBXL18*	-0.625	-1.542
219142_at	65997	*RASL11B*	-0.625	-1.542
221936_x_at	64975	*MRPL41*	-0.625	-1.542
207904_s_at	4012	*LNPEP*	-0.625	-1.542
211918_x_at	60676	*PAPPA2*	-0.625	-1.542
220340_at	80000	*KIAA1772*	-0.625	-1.542
220592_at	55036	*CCDC40*	-0.625	-1.542
205336_at	5816	*PVALB*	-0.625	-1.542
206390_x_at	5196	*PF4*	-0.625	-1.542
220070_at	79831	*JMJD5*	-0.625	-1.543
210743_s_at	8556	*CDC14A*	-0.626	-1.543
212390_at	9659	*PDE4DIP*	-0.626	-1.543
215793_at	9108	*MTMR7*	-0.626	-1.543
216072_at	---	---	-0.626	-1.543
211655_at	3535	*IGL@*	-0.626	-1.543
216074_x_at	23286	*WWC1*	-0.626	-1.543
206060_s_at	26191	*PTPN22*	-0.626	-1.543
203809_s_at	208	*AKT2*	-0.626	-1.543
212946_at	23078	*KIAA0564*	-0.627	-1.544
221140_s_at	29933	*GPR132*	-0.627	-1.544
221908_at	84900	*RNFT2*	-0.627	-1.544

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
217013_at	---	---	-0.627	-1.544
204530_s_at	9760	*TOX*	-0.627	-1.544
213700_s_at	---	---	-0.627	-1.544
211843_x_at	1551	*CYP3A7*	-0.627	-1.544
221044_s_at	53840	*TRIM34*	-0.627	-1.544
215042_at	654	*BMP6*	-0.627	-1.544
216928_at	6886	*TAL1*	-0.627	-1.545
209687_at	6387	*CXCL12*	-0.627	-1.545
220797_at	79066	*METT10D*	-0.627	-1.545
213753_x_at	1984	*EIF5A*	-0.627	-1.545
211103_at	4647	*MYO7A*	-0.627	-1.545
201835_s_at	5564	*PRKAB1*	-0.627	-1.545
220571_at	56981	*PRDM11*	-0.627	-1.545
217416_x_at	---	---	-0.628	-1.545
205736_at	5224	*PGAM2*	-0.628	-1.545
214222_at	56171	*DNAH7*	-0.628	-1.546
216937_s_at	6247	*RS1*	-0.628	-1.546
218145_at	57761	*TRIB3*	-0.628	-1.546
216000_at	---	---	-0.628	-1.546
212587_s_at	5788	*PTPRC*	-0.629	-1.546
216519_s_at	11212	*PROSC*	-0.629	-1.546
215163_at	---	---	-0.629	-1.546
210288_at	10219	*KLRG1*	-0.629	-1.546
221523_s_at	58528	*RRAGD*	-0.629	-1.546
207381_at	242	*ALOX12B*	-0.629	-1.546
215709_at	5558	*PRIM2*	-0.629	-1.546
217103_at	3949	*LDLR*	-0.629	-1.547
201269_s_at	23386	*NUDCD3*	-0.629	-1.547
220459_at	114044	*MCM3APAS*	-0.629	-1.547
41397_at	55565	*ZNF821*	-0.629	-1.547
208489_at	2703	*GJA8*	-0.629	-1.547
208440_at	23434	*C3orf27*	-0.629	-1.547
217281_x_at	3492	*IGH@*	-0.629	-1.547
220605_s_at	22933	*SIRT2*	-0.629	-1.547
207551_s_at	10943	*MSL3*	-0.629	-1.547
212950_at	221395	*GPR116*	-0.629	-1.547
216567_at	---	---	-0.630	-1.547
219619_at	54769	*DIRAS2*	-0.630	-1.547
219595_at	100287515	*LOC100287515*	-0.630	-1.548
221917_s_at	2926	*GRSF1*	-0.630	-1.548
210301_at	7498	*XDH*	-0.630	-1.548
205559_s_at	5125	*PCSK5*	-0.630	-1.548
214422_at	5887	*RAD23B*	-0.630	-1.548
217420_s_at	5430	*POLR2A*	-0.630	-1.548
211107_s_at	6795	*AURKC*	-0.631	-1.548
219602_s_at	63895	*FAM38B*	-0.631	-1.548
220284_at	27120	*DKKL1*	-0.631	-1.548
213327_s_at	219333	*USP12*	-0.631	-1.549

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205764_at	---	---	-0.631	-1.549
208189_s_at	4647	*MYO7A*	-0.631	-1.549
216783_at	---	---	-0.631	-1.549
221717_at	---	---	-0.631	-1.549
213312_at	57150	*C6orf162*	-0.632	-1.549
216422_at	5036	*PA2G4*	-0.632	-1.549
206636_at	5922	*RASA2*	-0.632	-1.549
219464_at	23632	*CA14*	-0.632	-1.550
210456_at	9468	*PCYT1B*	-0.632	-1.550
207179_at	3195	*TLX1*	-0.632	-1.550
213061_s_at	123803	*NTAN1*	-0.632	-1.550
222078_at	5313	*PKLR*	-0.632	-1.550
206810_at	51710	*ZNF44*	-0.632	-1.550
219740_at	79805	*VASH2*	-0.632	-1.550
220436_at	389722	*RP11-138L21.1*	-0.633	-1.550
208519_x_at	2797	*GNRH2*	-0.633	-1.551
212286_at	23253	*ANKRD12*	-0.633	-1.551
216920_s_at	445347	*TARP*	-0.633	-1.551
217269_s_at	5651	*PRSS7*	-0.633	-1.551
218134_s_at	55696	*RBM22*	-0.633	-1.551
205256_at	9880	*ZBTB39*	-0.633	-1.551
218867_s_at	79794	*C12orf49*	-0.634	-1.552
54051_at	5316	*PKNOX1*	-0.634	-1.552
208292_at	27302	*BMP10*	-0.634	-1.552
205614_x_at	4485	*MST1*	-0.634	-1.552
215761_at	23312	*DMXL2*	-0.634	-1.552
207671_s_at	7439	*BEST1*	-0.634	-1.552
212874_at	100129500	*LOC100129500*	-0.634	-1.552
215120_s_at	23034	*SAMD4A*	-0.634	-1.552
216753_at	---	---	-0.634	-1.552
204436_at	80301	*PLEKHO2*	-0.634	-1.552
207027_at	3083	*HGFAC*	-0.634	-1.552
218742_at	64428	*NARFL*	-0.634	-1.552
206495_s_at	25988	*HINFP*	-0.635	-1.552
210264_at	2859	*GPR35*	-0.635	-1.553
215718_s_at	23469	*PHF3*	-0.635	-1.553
221122_at	54979	*HRASLS2*	-0.635	-1.553
48612_at	9683	*N4BP1*	-0.635	-1.553
205363_at	8424	*BBOX1*	-0.635	-1.553
216096_s_at	9378	*NRXN1*	-0.635	-1.553
AFFX-r2-Bs-thr-3_s_at	---	---	-0.635	-1.553
208556_at	2853	*GPR31*	-0.635	-1.553
206556_at	27098	*CLUL1*	-0.635	-1.553
215131_at	124152	*IQCK*	-0.635	-1.553
214602_at	1286	*COL4A4*	-0.636	-1.554
220154_at	667	*DST*	-0.636	-1.554
213363_at	340591	*CA5BP*	-0.636	-1.554
221757_at	113791	*PIK3IP1*	-0.636	-1.554

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
203914_x_at	3248	*HPGD*	-0.636	-1.555
219498_s_at	53335	*BCL11A*	-0.636	-1.555
221080_s_at	79958	*DENND1C*	-0.637	-1.555
215408_at	---	---	-0.637	-1.555
221118_at	27039	*PKD2L2*	-0.637	-1.555
210641_at	10753	*CAPN9*	-0.637	-1.555
201141_at	10457	*GPNMB*	-0.637	-1.555
205802_at	7220	*TRPC1*	-0.637	-1.555
214090_at	5074	*PAWR*	-0.637	-1.555
211049_at	3196	*TLX2*	-0.637	-1.555
207021_at	11055	*ZPBP*	-0.637	-1.555
215304_at	---	---	-0.637	-1.555
220604_x_at	10841	*FTCD*	-0.637	-1.555
206558_at	6493	*SIM2*	-0.637	-1.555
217447_at	4099	*MAG*	-0.637	-1.556
221045_s_at	8863	*PER3*	-0.637	-1.556
203451_at	8861	*LDB1*	-0.637	-1.556
219153_s_at	79875	*THSD4*	-0.638	-1.556
34063_at	9400	*RECQL5*	-0.638	-1.556
207370_at	3381	*IBSP*	-0.638	-1.556
208076_at	8360	*HIST1H4D*	-0.638	-1.556
216739_at	---	---	-0.638	-1.556
207048_at	6538	*SLC6A11*	-0.638	-1.556
208010_s_at	26191	*PTPN22*	-0.638	-1.556
215751_at	64062	*RBM26*	-0.638	-1.556
204746_s_at	9463	*PICK1*	-0.638	-1.557
214296_x_at	113177	*C19orf36*	-0.638	-1.557
220578_at	54507	*ADAMTSL4*	-0.639	-1.557
215869_at	---	---	-0.639	-1.557
204864_s_at	3572	*IL6ST*	-0.639	-1.557
214885_at	84148	*MYST1*	-0.639	-1.558
210155_at	4653	*MYOC*	-0.639	-1.558
206399_x_at	773	*CACNA1A*	-0.639	-1.558
215145_s_at	26047	*CNTNAP2*	-0.639	-1.558
214787_at	10260	*DENND4A*	-0.640	-1.558
220187_at	79689	*STEAP4*	-0.640	-1.558
208302_at	57824	*HMHB1*	-0.640	-1.558
217700_at	245812	*CNPY4*	-0.640	-1.558
208131_s_at	5740	*PTGIS*	-0.640	-1.558
221316_at	57828	*CATSPERG*	-0.640	-1.558
219375_at	10390	*CEPT1*	-0.640	-1.559
211230_s_at	5293	*PIK3CD*	-0.640	-1.559
221601_s_at	9214	*FAIM3*	-0.640	-1.559
222071_s_at	353189	*SLCO4C1*	-0.641	-1.559
206871_at	1991	*ELANE*	-0.641	-1.559
207298_at	10786	*SLC17A3*	-0.641	-1.559
210307_s_at	64410	*KLHL25*	-0.641	-1.559
215603_x_at	2678	*GGT1*	-0.641	-1.559

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
221367_at	4342	*MOS*	-0.641	-1.559
217244_at	---	---	-0.641	-1.559
208441_at	3480	*IGF1R*	-0.641	-1.560
204762_s_at	2775	*GNAO1*	-0.641	-1.560
210552_s_at	9649	*RALGPS1*	-0.641	-1.560
217029_at	---	---	-0.642	-1.560
204871_at	7978	*MTERF*	-0.642	-1.560
216223_at	1370	*CPN2*	-0.642	-1.560
200939_s_at	473	*RERE*	-0.642	-1.560
204522_at	1797	*DOM3Z*	-0.642	-1.560
216281_at	23405	*DICER1*	-0.642	-1.560
210060_at	5148	*PDE6G*	-0.642	-1.560
217139_at	642585	*LOC642585*	-0.642	-1.561
222191_s_at	11285	*B4GALT7*	-0.642	-1.561
203010_at	6776	*STAT5A*	-0.642	-1.561
208394_x_at	11082	*ESM1*	-0.643	-1.561
214424_s_at	229	*ALDOB*	-0.643	-1.561
220989_s_at	81693	*AMN*	-0.643	-1.561
220595_at	29951	*PDZRN4*	-0.643	-1.561
213644_at	201134	*CCDC46*	-0.643	-1.562
206297_at	11330	*CTRC*	-0.643	-1.562
221324_at	50834	*TAS2R1*	-0.643	-1.562
204393_s_at	55	*ACPP*	-0.643	-1.562
204939_s_at	5350	*PLN*	-0.643	-1.562
220634_at	9496	*TBX4*	-0.644	-1.562
206177_s_at	383	*ARG1*	-0.644	-1.562
220857_at	---	---	-0.644	-1.562
209405_s_at	60343	*FAM3A*	-0.644	-1.562
204242_s_at	8310	*ACOX3*	-0.644	-1.563
213484_at	---	---	-0.644	-1.563
221254_s_at	83394	*PITPNM3*	-0.644	-1.563
209534_x_at	11214	*AKAP13*	-0.644	-1.563
216951_at	2209	*FCGR1A*	-0.644	-1.563
219333_s_at	11132	*CAPN10*	-0.644	-1.563
217498_at	---	---	-0.645	-1.563
205160_at	8800	*PEX11A*	-0.645	-1.563
216691_at	---	---	-0.645	-1.564
222110_at	205564	*SENP5*	-0.645	-1.564
205586_x_at	7425	*VGF*	-0.645	-1.564
220074_at	53841	*MUPCDH*	-0.645	-1.564
209992_at	5208	*PFKFB2*	-0.645	-1.564
202389_s_at	3064	*HTT*	-0.645	-1.564
218818_at	2275	*FHL3*	-0.646	-1.564
207330_at	5858	*PZP*	-0.646	-1.564
221332_at	9210	*BMP15*	-0.646	-1.564
204105_s_at	4897	*NRCAM*	-0.646	-1.565
209905_at	3205	*HOXA9*	-0.646	-1.565
204623_at	7033	*TFF3*	-0.646	-1.565

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
203204_s_at	9682	*KDM4A*	-0.646	-1.565
220053_at	9573	*GDF3*	-0.646	-1.565
205502_at	1586	*CYP17A1*	-0.646	-1.565
207604_s_at	9497	*SLC4A7*	-0.646	-1.565
204354_at	25913	*POT1*	-0.646	-1.565
208578_at	6336	*SCN10A*	-0.646	-1.565
214411_x_at	440387	*CTRB2*	-0.646	-1.565
220588_at	55653	*BCAS4*	-0.646	-1.565
211144_x_at	445347	*TARP*	-0.646	-1.565
217761_at	55256	*ADI1*	-0.647	-1.566
204371_s_at	8570	*KHSRP*	-0.647	-1.566
215865_at	91683	*SYT12*	-0.647	-1.566
216455_at	645372	*FLJ00049*	-0.647	-1.566
220737_at	27330	*RPS6KA6*	-0.647	-1.566
214013_s_at	23216	*TBC1D1*	-0.648	-1.567
216953_s_at	7490	*WT1*	-0.648	-1.567
220439_at	79890	*RIN3*	-0.648	-1.567
218420_s_at	80209	*C13orf23*	-0.648	-1.567
204917_s_at	4300	*MLLT3*	-0.648	-1.567
215338_s_at	4820	*NKTR*	-0.648	-1.567
206740_x_at	6847	*SYCP1*	-0.648	-1.568
221067_s_at	80763	*C12orf39*	-0.649	-1.568
221389_at	30814	*PLA2G2E*	-0.649	-1.568
219385_at	56833	*SLAMF8*	-0.649	-1.568
207561_s_at	9311	*ACCN3*	-0.649	-1.568
208658_at	9601	*PDIA4*	-0.649	-1.568
206988_at	6370	*CCL25*	-0.649	-1.568
211360_s_at	3709	*ITPR2*	-0.649	-1.568
221491_x_at	3123	*HLA-DRB1*	-0.649	-1.568
204674_at	4033	*LRMP*	-0.649	-1.568
222116_s_at	125058	*TBC1D16*	-0.649	-1.568
49111_at	---	---	-0.649	-1.568
209733_at	11043	*MID2*	-0.649	-1.569
207154_at	1735	*DIO3*	-0.650	-1.569
207729_at	1007	*CDH9*	-0.650	-1.569
206745_at	3227	*HOXC11*	-0.650	-1.569
210322_x_at	7404	*UTY*	-0.650	-1.569
65521_at	51619	*UBE2D4*	-0.650	-1.569
221584_s_at	3778	*KCNMA1*	-0.650	-1.570
215298_at	---	---	-0.651	-1.570
205181_at	7746	*ZNF193*	-0.651	-1.570
38964_r_at	7454	*WAS*	-0.651	-1.570
216276_s_at	1587	*ADAM3A*	-0.651	-1.570
208069_x_at	1442	*CSH1*	-0.651	-1.570
210013_at	3263	*HPX*	-0.651	-1.570
204118_at	962	*CD48*	-0.651	-1.570
220979_s_at	81849	*ST6GALNAC5*	-0.651	-1.570
208798_x_at	23015	*GOLGA8A*	-0.651	-1.570

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
37424_at	54535	*CCHCR1*	-0.651	-1.571
220272_at	54796	*BNC2*	-0.651	-1.571
220803_at	57559	*STAMBPL1*	-0.651	-1.571
50965_at	25837	*RAB26*	-0.651	-1.571
214054_at	9046	*DOK2*	-0.651	-1.571
217503_at	9262	*STK17B*	-0.652	-1.571
213358_at	23255	*KIAA0802*	-0.652	-1.571
216990_at	2618	*GART*	-0.652	-1.571
217712_at	389906	*LOC389906*	-0.652	-1.571
203578_s_at	9057	*SLC7A6*	-0.652	-1.572
210461_s_at	3983	*ABLIM1*	-0.652	-1.572
217677_at	59339	*PLEKHA2*	-0.653	-1.572
219269_at	79618	*HMBOX1*	-0.653	-1.572
216077_s_at	26013	*L3MBTL*	-0.653	-1.572
216195_at	287	*ANK2*	-0.653	-1.572
211235_s_at	2099	*ESR1*	-0.653	-1.573
205524_s_at	1404	*HAPLN1*	-0.653	-1.573
219462_at	79639	*TMEM53*	-0.653	-1.573
203106_s_at	27072	*VPS41*	-0.653	-1.573
37278_at	6901	*TAZ*	-0.653	-1.573
219731_at	404033	*FLJ34077*	-0.653	-1.573
214375_at	729222	*LOC729222*	-0.654	-1.573
213673_x_at	100287008	*LOC100291670*	-0.654	-1.573
204043_at	6948	*TCN2*	-0.654	-1.573
208730_x_at	5862	*RAB2A*	-0.654	-1.573
220058_at	79018	*C17orf39*	-0.654	-1.573
203682_s_at	3712	*IVD*	-0.654	-1.573
213701_at	91298	*C12orf29*	-0.654	-1.574
213441_x_at	25803	*SPDEF*	-0.654	-1.574
220422_at	50613	*UBQLN3*	-0.654	-1.574
212012_at	7837	*PXDN*	-0.654	-1.574
222107_x_at	11178	*LZTS1*	-0.654	-1.574
213353_at	23461	*ABCA5*	-0.654	-1.574
210184_at	3687	*ITGAX*	-0.655	-1.574
214146_s_at	5473	*PPBP*	-0.655	-1.574
211483_x_at	816	*CAMK2B*	-0.655	-1.574
215173_at	123872	*LRRC50*	-0.655	-1.575
210654_at	8793	*TNFRSF10D*	-0.655	-1.575
209933_s_at	11314	*CD300A*	-0.655	-1.575
211826_s_at	4299	*AFF1*	-0.656	-1.575
220598_at	79092	*CARD14*	-0.656	-1.575
204774_at	2123	*EVI2A*	-0.656	-1.576
212289_at	23253	*ANKRD12*	-0.656	-1.576
AFFX-r2-Bs-lys-3_at	---	---	-0.656	-1.576
205618_at	5638	*PRRG1*	-0.656	-1.576
211189_x_at	8832	*CD84*	-0.656	-1.576
212975_at	22898	*DENND3*	-0.656	-1.576
219879_s_at	78995	*C17orf53*	-0.657	-1.576

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
219583_s_at	55812	*SPATA7*	-0.657	-1.577
206251_s_at	552	*AVPR1A*	-0.657	-1.577
213665_at	6659	*SOX4*	-0.658	-1.577
39650_s_at	80003	*PCNXL2*	-0.658	-1.577
213328_at	4750	*NEK1*	-0.658	-1.578
205732_s_at	10499	*NCOA2*	-0.658	-1.578
215901_at	347344	*ZNF81*	-0.658	-1.578
206210_s_at	1071	*CETP*	-0.658	-1.578
215341_at	1768	*DNAH6*	-0.658	-1.578
205138_s_at	10090	*UST*	-0.658	-1.578
214867_at	---	---	-0.658	-1.578
201759_at	6904	*TBCD*	-0.658	-1.578
203326_x_at	---	---	-0.659	-1.579
211357_s_at	229	*ALDOB*	-0.659	-1.579
217553_at	256227	*MGC87042*	-0.659	-1.579
214539_at	5273	*SERPINB10*	-0.659	-1.579
221457_s_at	56244	*BTNL2*	-0.659	-1.579
204585_s_at	3897	*L1CAM*	-0.660	-1.580
215768_at	---	---	-0.660	-1.580
212732_at	55384	*MEG3*	-0.660	-1.580
205072_s_at	7518	*XRCC4*	-0.660	-1.580
221404_at	27179	*IL1F6*	-0.660	-1.580
221508_at	51347	*TAOK3*	-0.660	-1.580
204439_at	10964	*IFI44L*	-0.660	-1.580
218018_at	8566	*PDXK*	-0.660	-1.580
203913_s_at	3248	*HPGD*	-0.660	-1.580
203864_s_at	88	*ACTN2*	-0.660	-1.580
221066_at	51289	*RXFP3*	-0.660	-1.580
205829_at	3292	*HSD17B1*	-0.660	-1.580
38521_at	933	*CD22*	-0.660	-1.581
221929_at	389677	*RBM12B*	-0.661	-1.581
214515_at	8387	*OR1E1*	-0.661	-1.581
214221_at	7840	*ALMS1*	-0.661	-1.581
211254_x_at	6005	*RHAG*	-0.661	-1.581
209968_s_at	4684	*NCAM1*	-0.662	-1.582
205799_s_at	6519	*SLC3A1*	-0.662	-1.582
215510_at	2116	*ETV2*	-0.662	-1.582
219106_s_at	10324	*KBTBD10*	-0.662	-1.582
205230_at	22895	*RPH3A*	-0.662	-1.582
AFFX-r2-Ec-bioB-5_at	---	---	-0.662	-1.582
216681_at	---	---	-0.662	-1.582
207009_at	8929	*PHOX2B*	-0.662	-1.583
207401_at	5629	*PROX1*	-0.662	-1.583
210617_at	5251	*PHEX*	-0.662	-1.583
206051_at	1996	*ELAVL4*	-0.663	-1.583
220912_at	---	---	-0.663	-1.583
221422_s_at	81571	*C9orf45*	-0.663	-1.583
206481_s_at	9079	*LDB2*	-0.663	-1.584

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
204549_at	9641	*IKBKE*	-0.663	-1.584
221177_at	117153	*MIA2*	-0.664	-1.584
219710_at	79628	*SH3TC2*	-0.664	-1.584
208580_x_at	8363	*HIST1H4J*	-0.664	-1.585
204717_s_at	3177	*SLC29A2*	-0.664	-1.585
220056_at	58985	*IL22RA1*	-0.664	-1.585
215928_at	---	---	-0.665	-1.585
212900_at	10802	*SEC24A*	-0.665	-1.585
213112_s_at	8878	*SQSTM1*	-0.665	-1.585
218904_s_at	55071	*C9orf40*	-0.665	-1.585
213466_at	57799	*RAB40C*	-0.665	-1.585
212575_at	91304	*C19orf6*	-0.665	-1.585
206353_at	1339	*COX6A2*	-0.665	-1.586
214879_x_at	7392	*USF2*	-0.665	-1.586
213178_s_at	23162	*MAPK8IP3*	-0.665	-1.586
211028_s_at	3795	*KHK*	-0.665	-1.586
205942_s_at	6296	*ACSM3*	-0.666	-1.586
211282_x_at	8718	*TNFRSF25*	-0.666	-1.586
57588_at	57419	*SLC24A3*	-0.666	-1.586
203596_s_at	24138	*IFIT5*	-0.666	-1.587
211077_s_at	9874	*TLK1*	-0.667	-1.588
217636_at	5428	*POLG*	-0.667	-1.588
208134_x_at	5670	*PSG2*	-0.667	-1.588
216737_at	---	---	-0.668	-1.588
216219_at	363	*AQP6*	-0.668	-1.588
219986_s_at	80724	*ACAD10*	-0.668	-1.589
210718_s_at	51326	*ARL17P1*	-0.668	-1.589
205257_s_at	273	*AMPH*	-0.668	-1.589
203884_s_at	22841	*RAB11FIP2*	-0.668	-1.589
211909_x_at	5733	*PTGER3*	-0.668	-1.589
206425_s_at	7222	*TRPC3*	-0.668	-1.589
208252_s_at	9469	*CHST3*	-0.668	-1.589
217875_s_at	56937	*PMEPA1*	-0.668	-1.589
206608_s_at	57096	*RPGRIP1*	-0.669	-1.589
213674_x_at	3495	*IGHD*	-0.669	-1.589
219107_at	63827	*BCAN*	-0.669	-1.589
206420_at	10261	*IGSF6*	-0.669	-1.590
218601_at	55665	*URG4*	-0.669	-1.590
202082_s_at	6397	*SEC14L1*	-0.669	-1.590
205750_at	670	*BPHL*	-0.669	-1.590
215415_s_at	1130	*LYST*	-0.669	-1.590
210163_at	6373	*CXCL11*	-0.669	-1.590
202970_at	8445	*DYRK2*	-0.669	-1.590
220523_at	80258	*EFHC2*	-0.670	-1.591
221615_at	353500	*BMP8A*	-0.670	-1.591
222126_at	3268	*AGFG2*	-0.670	-1.591
213909_at	131578	*LRRC15*	-0.670	-1.591
204293_at	6448	*SGSH*	-0.670	-1.591

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
206440_at	8825	*LIN7A*	-0.670	-1.591
214559_at	1814	*DRD3*	-0.670	-1.591
202045_s_at	2909	*GRLF1*	-0.670	-1.591
211232_x_at	2740	*GLP1R*	-0.670	-1.592
202460_s_at	9663	*LPIN2*	-0.671	-1.592
211508_s_at	2689	*GH2*	-0.671	-1.592
215972_at	---	---	-0.671	-1.592
203502_at	669	*BPGM*	-0.672	-1.593
209523_at	6873	*TAF2*	-0.672	-1.593
221992_at	440348	*NPIPL2*	-0.672	-1.593
206570_s_at	5680	*PSG11*	-0.672	-1.594
202023_at	1942	*EFNA1*	-0.672	-1.594
220577_at	387751	*GVIN1*	-0.672	-1.594
213218_at	7741	*ZNF187*	-0.672	-1.594
204377_s_at	9730	*VPRBP*	-0.673	-1.594
221627_at	10107	*TRIM10*	-0.673	-1.594
213474_at	154881	*KCTD7*	-0.673	-1.594
81811_at	---	---	-0.673	-1.595
206859_s_at	5047	*PAEP*	-0.673	-1.595
215767_at	91752	*ZNF804A*	-0.674	-1.595
219572_at	93664	*CADPS2*	-0.674	-1.595
212079_s_at	4297	*MLL*	-0.674	-1.595
209166_s_at	4125	*MAN2B1*	-0.674	-1.596
219047_s_at	79759	*ZNF668*	-0.674	-1.596
210442_at	9173	*IL1RL1*	-0.674	-1.596
211398_at	2263	*FGFR2*	-0.674	-1.596
213297_at	64777	*RMND5B*	-0.674	-1.596
207476_at	---	---	-0.674	-1.596
215184_at	23604	*DAPK2*	-0.674	-1.596
210967_x_at	782	*CACNB1*	-0.674	-1.596
211074_at	2348	*FOLR1*	-0.674	-1.596
213953_at	54474	*KRT20*	-0.674	-1.596
203563_at	60312	*AFAP1*	-0.675	-1.596
216553_x_at	---	---	-0.675	-1.596
201834_at	5564	*PRKAB1*	-0.676	-1.597
205651_x_at	11069	*RAPGEF4*	-0.676	-1.597
216555_at	253143	*C22orf30*	-0.676	-1.598
220902_at	---	---	-0.676	-1.598
208493_at	3207	*HOXA11*	-0.676	-1.598
202305_s_at	9637	*FEZ2*	-0.676	-1.598
204237_at	51454	*GULP1*	-0.676	-1.598
210324_at	733	*C8G*	-0.676	-1.598
207041_at	10747	*MASP2*	-0.676	-1.598
211592_s_at	775	*CACNA1C*	-0.677	-1.598
217279_x_at	4323	*MMP14*	-0.677	-1.599
219280_at	54014	*BRWD1*	-0.677	-1.599
209688_s_at	54520	*CCDC93*	-0.677	-1.599
217520_x_at	100288671	*LOC100293306*	-0.678	-1.599

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
221334_s_at	50943	*FOXP3*	-0.678	-1.599
204562_at	3662	*IRF4*	-0.678	-1.600
215248_at	2887	*GRB10*	-0.678	-1.600
207592_s_at	610	*HCN2*	-0.678	-1.600
208495_at	30012	*TLX3*	-0.678	-1.600
216353_s_at	---	---	-0.678	-1.600
34210_at	1043	*CD52*	-0.678	-1.600
204628_s_at	3690	*ITGB3*	-0.678	-1.600
214680_at	4915	*NTRK2*	-0.678	-1.600
214152_at	9236	*CCPG1*	-0.678	-1.600
202987_at	10758	*TRAF3IP2*	-0.679	-1.601
204813_at	5602	*MAPK10*	-0.679	-1.601
218815_s_at	55092	*TMEM51*	-0.679	-1.601
219702_at	10761	*PLAC1*	-0.679	-1.601
220419_s_at	29761	*USP25*	-0.679	-1.602
209855_s_at	3817	*KLK2*	-0.680	-1.602
217260_x_at	3500	*IGHG1*	-0.680	-1.602
215386_at	---	---	-0.680	-1.602
221370_at	100287163	*LOC100287163*	-0.680	-1.602
210619_s_at	3373	*HYAL1*	-0.680	-1.602
208958_at	23071	*ERP44*	-0.680	-1.603
205030_at	2173	*FABP7*	-0.680	-1.603
213601_at	6585	*SLIT1*	-0.680	-1.603
207220_at	420	*ART4*	-0.681	-1.603
209794_at	9901	*SRGAP3*	-0.681	-1.603
215988_s_at	1739	*DLG1*	-0.681	-1.603
220631_at	64172	*OSGEPL1*	-0.681	-1.603
215465_at	26154	*ABCA12*	-0.681	-1.604
214188_at	---	---	-0.681	-1.604
210765_at	1434	*CSE1L*	-0.682	-1.604
216577_at	---	---	-0.682	-1.604
203673_at	7038	*TG*	-0.682	-1.604
221918_at	5128	*PCTK2*	-0.682	-1.604
204627_s_at	3690	*ITGB3*	-0.682	-1.604
217442_at	100131825	*LOC100131825*	-0.682	-1.604
202612_s_at	9282	*MED14*	-0.682	-1.604
203206_at	9679	*FAM53B*	-0.682	-1.604
219691_at	54809	*SAMD9*	-0.682	-1.605
209333_at	8408	*ULK1*	-0.682	-1.605
204381_at	4037	*LRP3*	-0.682	-1.605
216857_at	---	---	-0.683	-1.605
204153_s_at	4242	*MFNG*	-0.683	-1.605
215951_at	23102	*TBC1D2B*	-0.683	-1.606
208041_at	6011	*GRK1*	-0.683	-1.606
219855_at	55190	*NUDT11*	-0.683	-1.606
215906_at	---	---	-0.683	-1.606
205762_s_at	11062	*DUS4L*	-0.684	-1.606
204038_s_at	1902	*LPAR1*	-0.684	-1.606

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
219905_at	114625	*ERMAP*	-0.684	-1.606
216986_s_at	3662	*IRF4*	-0.684	-1.606
206053_at	22869	*ZNF510*	-0.684	-1.606
208501_at	8328	*GFI1B*	-0.684	-1.606
208458_at	6339	*SCNN1D*	-0.684	-1.606
214921_at	3778	*KCNMA1*	-0.684	-1.607
209701_at	51752	*ERAP1*	-0.684	-1.607
214102_at	116984	*ARAP2*	-0.684	-1.607
215482_s_at	8890	*EIF2B4*	-0.684	-1.607
221581_s_at	7462	*LAT2*	-0.684	-1.607
215333_x_at	2944	*GSTM1*	-0.685	-1.607
202707_at	7372	*UMPS*	-0.685	-1.608
204226_at	27067	*STAU2*	-0.685	-1.608
206872_at	6568	*SLC17A1*	-0.685	-1.608
221724_s_at	50856	*CLEC4A*	-0.685	-1.608
221769_at	90864	*SPSB3*	-0.685	-1.608
215956_at	---	---	-0.685	-1.608
211489_at	148	*ADRA1A*	-0.685	-1.608
215512_at	---	*40243*	-0.686	-1.608
221967_at	11247	*NXPH4*	-0.686	-1.608
214578_s_at	6093	*ROCK1*	-0.686	-1.609
32029_at	5170	*PDPK1*	-0.686	-1.609
219138_at	9045	*RPL14*	-0.686	-1.609
212436_at	51592	*TRIM33*	-0.687	-1.610
221980_at	84034	*EMILIN2*	-0.687	-1.610
210426_x_at	6095	*RORA*	-0.687	-1.610
215820_x_at	23161	*SNX13*	-0.688	-1.611
215228_at	4808	*NHLH2*	-0.688	-1.611
211550_at	1956	*EGFR*	-0.688	-1.611
214871_x_at	---	---	-0.688	-1.611
205504_at	695	*BTK*	-0.688	-1.611
208538_at	23520	*ANP32C*	-0.689	-1.612
210050_at	7167	*TPI1*	-0.689	-1.612
216492_at	90011	*KIR3DX1*	-0.689	-1.612
AFFX-CreX-3_at	---	---	-0.689	-1.612
217321_x_at	4287	*ATXN3*	-0.689	-1.612
207426_s_at	7292	*TNFSF4*	-0.689	-1.612
210233_at	3556	*IL1RAP*	-0.689	-1.612
219223_at	11094	*C9orf7*	-0.689	-1.612
215445_x_at	---	---	-0.689	-1.612
213818_x_at	---	---	-0.690	-1.613
221302_at	28999	*KLF15*	-0.690	-1.613
220514_at	---	---	-0.690	-1.613
35179_at	26229	*B3GAT3*	-0.690	-1.613
210108_at	776	*CACNA1D*	-0.690	-1.613
205059_s_at	3425	*IDUA*	-0.690	-1.613
219312_s_at	65986	*ZBTB10*	-0.690	-1.613
213001_at	23452	*ANGPTL2*	-0.690	-1.614

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
220635_at	170680	*PSORS1C2*	-0.690	-1.614
216061_x_at	5155	*PDGFB*	-0.690	-1.614
213519_s_at	3908	*LAMA2*	-0.691	-1.614
215971_at	---	---	-0.691	-1.614
210124_x_at	10505	*SEMA4F*	-0.691	-1.614
218198_at	55760	*DHX32*	-0.691	-1.614
218363_at	55218	*EXD2*	-0.691	-1.615
220872_at	55415	*PRO2964*	-0.691	-1.615
214498_at	434	*ASIP*	-0.691	-1.615
216748_at	149628	*PYHIN1*	-0.692	-1.615
214409_at	10737	*RFPL3S*	-0.692	-1.615
216707_at	---	---	-0.692	-1.615
220164_s_at	51725	*FBXO40*	-0.692	-1.616
215506_s_at	9077	*DIRAS3*	-0.692	-1.616
219876_s_at	55592	*GOLGA2L1*	-0.692	-1.616
204921_at	2622	*GAS8*	-0.692	-1.616
214465_at	5004	*ORM1*	-0.693	-1.616
202400_s_at	6722	*SRF*	-0.693	-1.617
219925_at	9204	*ZMYM6*	-0.693	-1.617
217918_at	83658	*DYNLRB1*	-0.693	-1.617
221667_s_at	26353	*HSPB8*	-0.693	-1.617
222327_x_at	283491	*OR7E156P*	-0.693	-1.617
205739_x_at	51427	*ZNF107*	-0.693	-1.617
220699_s_at	3796	*KIF2A*	-0.694	-1.617
208431_s_at	7275	*TUB*	-0.694	-1.617
215903_s_at	23139	*MAST2*	-0.694	-1.618
207952_at	3567	*IL5*	-0.694	-1.618
205627_at	978	*CDA*	-0.694	-1.618
206269_at	8521	*GCM1*	-0.694	-1.618
215702_s_at	1080	*CFTR*	-0.694	-1.618
221897_at	84851	*TRIM52*	-0.695	-1.618
222102_at	2940	*GSTA3*	-0.695	-1.618
210255_at	5890	*RAD51L1*	-0.695	-1.619
208409_at	8170	*SLC14A2*	-0.695	-1.619
203899_s_at	435	*ASL*	-0.695	-1.619
209327_s_at	51491	*NOP16*	-0.695	-1.619
210960_at	146	*ADRA1D*	-0.695	-1.619
205159_at	1439	*CSF2RB*	-0.696	-1.620
214451_at	7021	*TFAP2B*	-0.696	-1.620
202708_s_at	8349	*HIST2H2BE*	-0.696	-1.620
218808_at	55152	*DALRD3*	-0.696	-1.620
220443_s_at	25806	*VAX2*	-0.696	-1.621
206591_at	5896	*RAG1*	-0.697	-1.621
209267_s_at	64116	*SLC39A8*	-0.697	-1.621
218148_at	80152	*CENPT*	-0.697	-1.621
206694_at	5407	*PNLIPRP1*	-0.697	-1.621
205289_at	650	*BMP2*	-0.697	-1.621
217163_at	2099	*ESR1*	-0.697	-1.622

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
203587_at	379	*ARL4D*	-0.697	-1.622
214769_at	1183	*CLCN4*	-0.698	-1.622
217197_x_at	90634	*N4BP2L1*	-0.698	-1.622
214729_at	221830	*TWISTNB*	-0.698	-1.622
205131_x_at	6320	*CLEC11A*	-0.698	-1.623
210226_at	3164	*NR4A1*	-0.698	-1.623
208573_s_at	7932	*OR2H2*	-0.699	-1.623
205402_x_at	5645	*PRSS2*	-0.699	-1.623
217723_x_at	---	---	-0.699	-1.623
218247_s_at	51320	*MEX3C*	-0.699	-1.623
211802_x_at	8913	*CACNA1G*	-0.699	-1.623
209707_at	10026	*PIGK*	-0.699	-1.623
208469_s_at	80864	*EGFL8*	-0.699	-1.623
202664_at	7456	*WIPF1*	-0.699	-1.624
218814_s_at	55248	*TMEM206*	-0.699	-1.624
221344_at	26529	*OR12D2*	-0.699	-1.624
208304_at	1232	*CCR3*	-0.699	-1.624
216539_at	92552	*ATXN3L*	-0.699	-1.624
207795_s_at	3824	*KLRD1*	-0.699	-1.624
207255_at	3953	*LEPR*	-0.700	-1.625
215497_s_at	23038	*WDTC1*	-0.700	-1.625
220347_at	23293	*SMG6*	-0.700	-1.625
220928_s_at	63976	*PRDM16*	-0.700	-1.625
206982_at	1411	*CRYBA1*	-0.700	-1.625
219859_at	26253	*CLEC4E*	-0.701	-1.625
207199_at	7015	*TERT*	-0.701	-1.625
220971_at	64806	*IL25*	-0.701	-1.626
210569_s_at	27180	*SIGLEC9*	-0.701	-1.626
203650_at	10544	*PROCR*	-0.701	-1.626
204837_at	66036	*MTMR9*	-0.701	-1.626
220337_at	58157	*NGB*	-0.702	-1.626
217129_at	---	---	-0.702	-1.626
204661_at	1043	*CD52*	-0.702	-1.627
206193_s_at	1041	*CDSN*	-0.702	-1.627
207547_s_at	11170	*FAM107A*	-0.702	-1.627
217556_at	1183	*CLCN4*	-0.702	-1.627
211123_at	6528	*SLC5A5*	-0.702	-1.627
206384_at	10368	*CACNG3*	-0.703	-1.628
207638_at	5651	*PRSS7*	-0.703	-1.628
216859_x_at	---	---	-0.703	-1.628
205284_at	9816	*URB2*	-0.703	-1.628
205227_at	3556	*IL1RAP*	-0.703	-1.628
216029_at	---	---	-0.703	-1.628
210036_s_at	3757	*KCNH2*	-0.704	-1.629
203527_s_at	324	*APC*	-0.704	-1.629
218783_at	25896	*INTS7*	-0.704	-1.629
207004_at	596	*BCL2*	-0.704	-1.630
205244_s_at	64849	*SLC13A3*	-0.705	-1.630

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205404_at	3290	*HSD11B1*	-0.705	-1.630
208075_s_at	6354	*CCL7*	-0.705	-1.630
216263_s_at	25983	*NGDN*	-0.705	-1.630
207267_s_at	53820	*DSCR6*	-0.705	-1.630
212881_at	51588	*PIAS4*	-0.706	-1.632
203139_at	1612	*DAPK1*	-0.707	-1.632
215692_s_at	744	*MPPED2*	-0.707	-1.632
219435_at	80169	*C17orf68*	-0.707	-1.632
207420_at	10584	*COLEC10*	-0.707	-1.632
206722_s_at	9170	*LPAR2*	-0.707	-1.633
215695_s_at	8908	*GYG2*	-0.708	-1.633
215643_at	---	---	-0.708	-1.633
209235_at	1186	*CLCN7*	-0.708	-1.633
216890_at	---	---	-0.708	-1.633
215557_at	---	---	-0.708	-1.634
215805_at	---	---	-0.709	-1.634
208552_at	2900	*GRIK4*	-0.709	-1.634
33768_at	1762	*DMWD*	-0.709	-1.635
217011_at	2636	*GBX1*	-0.709	-1.635
221221_s_at	26249	*KLHL3*	-0.709	-1.635
205923_at	5649	*RELN*	-0.709	-1.635
215899_at	---	---	-0.709	-1.635
202175_at	79586	*CHPF*	-0.709	-1.635
211893_x_at	923	*CD6*	-0.710	-1.635
208233_at	10630	*PDPN*	-0.710	-1.636
51158_at	400451	*FAM174B*	-0.710	-1.636
217499_x_at	26636	*OR7E37P*	-0.710	-1.636
214349_at	---	---	-0.710	-1.636
204088_at	5025	*P2RX4*	-0.710	-1.636
49051_g_at	196403	*DTX3*	-0.710	-1.636
203630_s_at	10466	*COG5*	-0.711	-1.637
212730_at	23336	*SYNM*	-0.711	-1.637
214425_at	259	*AMBP*	-0.711	-1.637
211130_x_at	1896	*EDA*	-0.711	-1.637
211104_s_at	4647	*MYO7A*	-0.712	-1.638
205348_s_at	1780	*DYNC1I1*	-0.712	-1.638
210843_s_at	9848	*MFAP3L*	-0.713	-1.639
205694_at	7306	*TYRP1*	-0.713	-1.639
217141_at	55727	*BTBD7*	-0.713	-1.639
207167_at	9398	*IGSF2*	-0.713	-1.639
220807_at	3049	*HBQ1*	-0.713	-1.639
220304_s_at	54714	*CNGB3*	-0.713	-1.639
44673_at	6614	*SIGLEC1*	-0.713	-1.639
216073_at	390616	*ANKRD34C*	-0.714	-1.640
220481_at	10936	*GPR75*	-0.714	-1.640
207510_at	623	*BDKRB1*	-0.714	-1.640
216080_s_at	3995	*FADS3*	-0.714	-1.640
214155_s_at	113251	*LARP4*	-0.714	-1.640

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
204207_s_at	8732	*RNGTT*	-0.714	-1.640
220560_at	29125	*C11orf21*	-0.714	-1.640
213563_s_at	10844	*TUBGCP2*	-0.714	-1.640
214332_s_at	10102	*TSFM*	-0.714	-1.640
213295_at	1540	*CYLD*	-0.714	-1.641
209298_s_at	6453	*ITSN1*	-0.714	-1.641
216617_s_at	4099	*MAG*	-0.714	-1.641
49452_at	32	*ACACB*	-0.715	-1.641
205556_at	4488	*MSX2*	-0.715	-1.641
213585_s_at	5134	*PDCD2*	-0.715	-1.641
34221_at	22993	*HMGXB3*	-0.715	-1.641
205671_s_at	3112	*HLA-DOB*	-0.715	-1.641
211209_x_at	4068	*SH2D1A*	-0.715	-1.642
217455_s_at	6752	*SSTR2*	-0.715	-1.642
201826_s_at	51097	*SCCPDH*	-0.715	-1.642
215523_at	346157	*ZNF391*	-0.715	-1.642
219790_s_at	4883	*NPR3*	-0.715	-1.642
206564_at	4987	*OPRL1*	-0.715	-1.642
40446_at	5252	*PHF1*	-0.716	-1.642
206109_at	2523	*FUT1*	-0.716	-1.642
202311_s_at	1277	*COL1A1*	-0.716	-1.642
210925_at	4261	*CIITA*	-0.716	-1.642
219723_x_at	56894	*AGPAT3*	-0.716	-1.643
203634_s_at	1374	*CPT1A*	-0.716	-1.643
206475_x_at	1442	*CSH1*	-0.716	-1.643
207691_x_at	953	*ENTPD1*	-0.716	-1.643
220644_at	---	---	-0.716	-1.643
214772_at	25758	*C11orf41*	-0.716	-1.643
215893_x_at	---	---	-0.716	-1.643
206077_at	3792	*KEL*	-0.717	-1.643
221648_s_at	---	---	-0.717	-1.644
220777_at	63971	*KIF13A*	-0.717	-1.644
208520_at	26532	*OR10H3*	-0.717	-1.644
220565_at	2826	*CCR10*	-0.718	-1.645
205616_at	3742	*KCNA6*	-0.718	-1.645
49327_at	23410	*SIRT3*	-0.718	-1.645
210147_at	419	*ART3*	-0.718	-1.645
203944_x_at	11120	*BTN2A1*	-0.718	-1.645
216985_s_at	6809	*STX3*	-0.718	-1.645
220977_x_at	57669	*EPB41L5*	-0.718	-1.645
76897_s_at	23307	*FKBP15*	-0.718	-1.645
211171_s_at	10846	*PDE10A*	-0.719	-1.646
216370_s_at	8277	*TKTL1*	-0.719	-1.646
215470_at	653238	*GTF2H2B*	-0.719	-1.646
204664_at	250	*ALPP*	-0.719	-1.646
217377_x_at	4916	*NTRK3*	-0.719	-1.646
219413_at	79777	*ACBD4*	-0.719	-1.646
210452_x_at	8529	*CYP4F2*	-0.719	-1.646

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
221164_x_at	23563	*CHST5*	-0.720	-1.647
215435_at	---	---	-0.720	-1.647
213790_at	8038	*ADAM12*	-0.720	-1.647
205100_at	9945	*GFPT2*	-0.720	-1.647
214401_at	5075	*PAX1*	-0.720	-1.647
203896_s_at	5332	*PLCB4*	-0.720	-1.647
220055_at	57336	*ZNF287*	-0.720	-1.647
213595_s_at	8476	*CDC42BPA*	-0.720	-1.648
211356_x_at	3953	*LEPR*	-0.720	-1.648
204845_s_at	2028	*ENPEP*	-0.721	-1.648
206598_at	3630	*INS*	-0.721	-1.648
221795_at	4915	*NTRK2*	-0.721	-1.648
221444_at	50833	*TAS2R16*	-0.721	-1.648
214610_at	1584	*CYP11B1*	-0.721	-1.648
220288_at	51168	*MYO15A*	-0.721	-1.648
220416_at	79895	*ATP8B4*	-0.721	-1.649
213605_s_at	100272216	*LOC100272216*	-0.721	-1.649
219846_at	54856	*GON4L*	-0.721	-1.649
203599_s_at	11193	*WBP4*	-0.721	-1.649
215307_at	57711	*ZNF529*	-0.722	-1.649
216151_at	---	---	-0.722	-1.649
208381_s_at	8879	*SGPL1*	-0.722	-1.649
220810_at	9629	*CLCA3P*	-0.722	-1.650
206567_s_at	51230	*PHF20*	-0.722	-1.650
206448_at	22891	*ZNF365*	-0.722	-1.650
209225_x_at	3842	*TNPO1*	-0.723	-1.650
210476_s_at	5618	*PRLR*	-0.723	-1.650
218835_at	729238	*SFTPA2*	-0.723	-1.650
205786_s_at	3684	*ITGAM*	-0.723	-1.651
218521_s_at	55284	*UBE2W*	-0.723	-1.651
206910_x_at	3080	*CFHR2*	-0.723	-1.651
216431_at	---	---	-0.723	-1.651
207888_at	---	---	-0.723	-1.651
211030_s_at	6533	*SLC6A6*	-0.723	-1.651
213758_at	1327	*COX4I1*	-0.724	-1.651
207353_s_at	3166	*HMX1*	-0.724	-1.651
202618_s_at	4204	*MECP2*	-0.724	-1.652
215973_at	80868	*HCG4P6*	-0.724	-1.652
221459_at	9038	*TAAR5*	-0.724	-1.652
220701_at	---	---	-0.724	-1.652
222024_s_at	11214	*AKAP13*	-0.724	-1.652
207107_at	6121	*RPE65*	-0.724	-1.652
210017_at	10892	*MALT1*	-0.724	-1.652
203958_s_at	9923	*ZBTB40*	-0.725	-1.653
207140_at	248	*ALPI*	-0.726	-1.654
204958_at	1263	*PLK3*	-0.726	-1.654
204365_s_at	65055	*REEP1*	-0.727	-1.655
219930_at	11279	*KLF8*	-0.727	-1.655

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216445_at	---	---	-0.728	-1.656
206494_s_at	3674	*ITGA2B*	-0.728	-1.656
208568_at	4158	*MC2R*	-0.728	-1.656
211646_at	3492	*IGH@*	-0.728	-1.656
214893_x_at	610	*HCN2*	-0.728	-1.656
221244_s_at	5170	*PDPK1*	-0.728	-1.657
206241_at	3841	*KPNA5*	-0.728	-1.657
64883_at	158747	*MOSPD2*	-0.729	-1.657
1494_f_at	1548	*CYP2A6*	-0.729	-1.657
206865_at	8739	*HRK*	-0.729	-1.657
216207_x_at	3514	*IGKC*	-0.729	-1.657
219050_s_at	741	*ZNHIT2*	-0.729	-1.657
220297_at	55727	*BTBD7*	-0.729	-1.658
204541_at	23541	*SEC14L2*	-0.729	-1.658
221621_at	654434	*C17orf86*	-0.729	-1.658
217351_at	---	---	-0.729	-1.658
220334_at	26575	*RGS17*	-0.729	-1.658
207908_at	3849	*KRT2*	-0.729	-1.658
205767_at	2069	*EREG*	-0.730	-1.659
219999_at	4122	*MAN2A2*	-0.730	-1.659
220192_x_at	25803	*SPDEF*	-0.730	-1.659
216994_s_at	860	*RUNX2*	-0.730	-1.659
217494_s_at	100290144	*LOC100290144*	-0.730	-1.659
204660_at	2671	*GFER*	-0.731	-1.659
203479_s_at	54726	*OTUD4*	-0.731	-1.659
211898_s_at	2047	*EPHB1*	-0.731	-1.660
208184_s_at	7109	*TRAPPC10*	-0.731	-1.660
207290_at	5362	*PLXNA2*	-0.731	-1.660
211191_at	8832	*CD84*	-0.731	-1.660
38447_at	156	*ADRBK1*	-0.731	-1.660
217867_x_at	25825	*BACE2*	-0.731	-1.660
217522_at	169522	*KCNV2*	-0.731	-1.660
211472_at	23654	*PLXNB2*	-0.732	-1.660
214708_at	6641	*SNTB1*	-0.732	-1.661
214093_s_at	8880	*FUBP1*	-0.732	-1.661
203942_s_at	2011	*MARK2*	-0.732	-1.661
220608_s_at	54989	*ZNF770*	-0.732	-1.661
218543_s_at	64761	*PARP12*	-0.732	-1.661
217606_at	---	---	-0.732	-1.661
216557_x_at	3493	*IGHA1*	-0.732	-1.661
213749_at	5648	*MASP1*	-0.732	-1.661
217667_at	729799	*LOC729799*	-0.733	-1.662
216015_s_at	114548	*NLRP3*	-0.733	-1.662
214951_at	65012	*SLC26A10*	-0.733	-1.662
222080_s_at	23408	*SIRT5*	-0.733	-1.662
205467_at	843	*CASP10*	-0.733	-1.662
220043_s_at	4241	*MFI2*	-0.733	-1.662
220509_at	64062	*RBM26*	-0.733	-1.662

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
210247_at	6854	*SYN2*	-0.733	-1.662
206120_at	945	*CD33*	-0.733	-1.662
201919_at	55186	*SLC25A36*	-0.733	-1.662
201402_at	156	*ADRBK1*	-0.733	-1.663
220798_x_at	5553	*PRG2*	-0.733	-1.663
210710_at	55109	*AGGF1*	-0.733	-1.663
210493_s_at	9848	*MFAP3L*	-0.734	-1.663
219077_s_at	51741	*WWOX*	-0.734	-1.663
217629_at	---	---	-0.734	-1.663
222346_at	284217	*LAMA1*	-0.734	-1.663
216012_at	---	---	-0.734	-1.664
214645_at	---	---	-0.734	-1.664
212554_at	10486	*CAP2*	-0.734	-1.664
220255_at	2178	*FANCE*	-0.734	-1.664
217632_at	54552	*GNL3L*	-0.735	-1.664
213193_x_at	28639	*TRBC1*	-0.735	-1.665
208037_s_at	8174	*MADCAM1*	-0.736	-1.665
AFFX-HUMISGF3A/M97935_5_at	6772	*STAT1*	-0.736	-1.665
219089_s_at	79177	*ZNF576*	-0.736	-1.665
217675_at	201501	*ZBTB7C*	-0.736	-1.666
220324_at	79940	*C6orf155*	-0.736	-1.666
203844_at	7428	*VHL*	-0.736	-1.666
210436_at	10694	*CCT8*	-0.736	-1.666
215843_s_at	7093	*TLL2*	-0.736	-1.666
210374_x_at	5733	*PTGER3*	-0.736	-1.666
222056_s_at	51011	*FAHD2A*	-0.737	-1.666
221378_at	9350	*CER1*	-0.737	-1.666
205878_at	5463	*POU6F1*	-0.737	-1.666
205850_s_at	2562	*GABRB3*	-0.737	-1.667
206096_at	7584	*ZNF35*	-0.737	-1.667
206476_s_at	4858	*NOVA2*	-0.737	-1.667
207344_at	10566	*AKAP3*	-0.737	-1.667
213171_s_at	10893	*MMP24*	-0.737	-1.667
220573_at	43847	*KLK14*	-0.737	-1.667
221477_s_at	6648	*SOD2*	-0.737	-1.667
219961_s_at	421237	*C20orf19*	-0.737	-1.667
201436_at	1977	*EIF4E*	-0.737	-1.667
37549_g_at	27241	*BBS9*	-0.738	-1.667
202426_s_at	6256	*RXRA*	-0.738	-1.668
214569_at	3442	*IFNA5*	-0.738	-1.668
210803_at	10587	*TXNRD2*	-0.738	-1.668
203765_at	25801	*GCA*	-0.738	-1.668
211731_x_at	10214	*SSX3*	-0.738	-1.668
213988_s_at	6303	*SAT1*	-0.739	-1.669
208373_s_at	5031	*P2RY6*	-0.739	-1.669
213256_at	---	*40240*	-0.739	-1.669
AFFX-r2-Hs28SrRNA-3_at	---	---	-0.739	-1.669

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205212_s_at	9744	*ACAP1*	-0.739	-1.669
217137_x_at	100289563	*LOC100291812*	-0.739	-1.669
210295_at	4109	*MAGEA10*	-0.739	-1.669
220122_at	79772	*MCTP1*	-0.739	-1.669
222067_x_at	3017	*HIST1H2BD*	-0.739	-1.669
203853_s_at	9846	*GAB2*	-0.739	-1.669
202792_s_at	9701	*SAPS2*	-0.739	-1.669
210804_x_at	6546	*SLC8A1*	-0.740	-1.670
202064_s_at	6400	*SEL1L*	-0.740	-1.670
209830_s_at	9351	*SLC9A3R2*	-0.740	-1.670
213686_at	---	---	-0.740	-1.670
204537_s_at	2564	*GABRE*	-0.740	-1.670
219853_at	79147	*FKRP*	-0.740	-1.670
209403_at	84218	*TBC1D3*	-0.740	-1.670
205236_x_at	6649	*SOD3*	-0.740	-1.671
221257_x_at	81545	*FBXO38*	-0.740	-1.671
206814_at	4803	*NGF*	-0.740	-1.671
220115_s_at	1008	*CDH10*	-0.740	-1.671
215559_at	368	*ABCC6*	-0.740	-1.671
219753_at	10734	*STAG3*	-0.741	-1.671
1316_at	7067	*THRA*	-0.741	-1.671
221461_at	50835	*TAS2R9*	-0.741	-1.671
211775_x_at	84796	*MGC13053*	-0.741	-1.671
221091_at	10022	*INSL5*	-0.741	-1.671
217199_s_at	6773	*STAT2*	-0.741	-1.671
205757_at	957	*ENTPD5*	-0.741	-1.672
214540_at	8348	*HIST1H2BO*	-0.741	-1.672
203521_s_at	24149	*ZNF318*	-0.742	-1.672
203708_at	5142	*PDE4B*	-0.742	-1.672
220497_at	7761	*ZNF214*	-0.742	-1.673
208356_x_at	1442	*CSH1*	-0.743	-1.673
213778_x_at	92822	*ZNF276*	-0.743	-1.673
205803_s_at	7220	*TRPC1*	-0.743	-1.673
214641_at	1285	*COL4A3*	-0.743	-1.674
215400_x_at	115	*ADCY9*	-0.744	-1.674
206811_at	114	*ADCY8*	-0.744	-1.674
45749_at	79567	*FAM65A*	-0.744	-1.675
208139_s_at	---	---	-0.744	-1.675
216669_at	---	---	-0.744	-1.675
204844_at	2028	*ENPEP*	-0.744	-1.675
216287_at	---	---	-0.744	-1.675
211044_at	9830	*TRIM14*	-0.744	-1.675
215295_at	1838	*DTNB*	-0.744	-1.675
203617_x_at	2002	*ELK1*	-0.744	-1.675
221138_s_at	---	---	-0.744	-1.675
203471_s_at	5341	*PLEK*	-0.745	-1.675
215777_at	28785	*IGLV4-60*	-0.745	-1.676
219469_at	79659	*DYNC2H1*	-0.745	-1.676

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
204047_s_at	9749	*PHACTR2*	-0.745	-1.676
210828_s_at	405	*ARNT*	-0.745	-1.676
207750_at	55380	*EPS15L2*	-0.745	-1.676
221569_at	54806	*AHI1*	-0.745	-1.676
208367_x_at	1576	*CYP3A4*	-0.745	-1.676
204687_at	25849	*DKFZP564O0823*	-0.745	-1.676
221217_s_at	54715	*A2BP1*	-0.745	-1.676
207897_at	1395	*CRHR2*	-0.745	-1.677
217314_at	---	---	-0.746	-1.677
217614_at	---	---	-0.746	-1.677
217613_at	55314	*TMEM144*	-0.746	-1.677
206121_at	270	*AMPD1*	-0.746	-1.677
208869_s_at	23710	*GABARAPL1*	-0.746	-1.678
214041_x_at	6168	*RPL37A*	-0.746	-1.678
205645_at	9185	*REPS2*	-0.747	-1.678
206610_s_at	2160	*F11*	-0.747	-1.678
206313_at	3111	*HLA-DOA*	-0.747	-1.678
202028_s_at	6169	*RPL38*	-0.747	-1.678
211369_at	---	---	-0.747	-1.679
219017_at	55500	*ETNK1*	-0.747	-1.679
205638_at	577	*BAI3*	-0.747	-1.679
206936_x_at	---	---	-0.748	-1.679
219937_at	29953	*TRHDE*	-0.748	-1.679
204411_at	23046	*KIF21B*	-0.748	-1.679
216141_at	---	---	-0.748	-1.679
207367_at	479	*ATP12A*	-0.748	-1.679
221313_at	9293	*GPR52*	-0.748	-1.680
213172_at	23508	*TTC9*	-0.748	-1.680
218081_at	54976	*C20orf27*	-0.748	-1.680
210626_at	8165	*AKAP1*	-0.748	-1.680
214068_at	146227	*BEAN*	-0.748	-1.680
217674_at	---	---	-0.749	-1.680
219809_at	54853	*WDR55*	-0.749	-1.680
207310_s_at	4842	*NOS1*	-0.749	-1.680
211468_s_at	9400	*RECQL5*	-0.749	-1.680
220506_at	2974	*GUCY1B2*	-0.749	-1.680
203817_at	2983	*GUCY1B3*	-0.749	-1.681
202363_at	6695	*SPOCK1*	-0.749	-1.681
204912_at	3587	*IL10RA*	-0.750	-1.681
210915_x_at	28639	*TRBC1*	-0.750	-1.682
202570_s_at	22839	*DLGAP4*	-0.750	-1.682
204951_at	399	*RHOH*	-0.751	-1.682
217652_at	23383	*KIAA0892*	-0.751	-1.683
215984_s_at	10139	*ARFRP1*	-0.751	-1.683
205264_at	10849	*CD3EAP*	-0.751	-1.683
206349_at	9211	*LGI1*	-0.751	-1.683
210448_s_at	5026	*P2RX5*	-0.751	-1.683

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205915_x_at	2902	*GRIN1*	-0.751	-1.683
214678_x_at	7543	*ZFX*	-0.752	-1.684
209083_at	11151	*CORO1A*	-0.752	-1.684
222245_s_at	80307	*FER1L4*	-0.752	-1.684
219287_at	27345	*KCNMB4*	-0.752	-1.685
204888_s_at	9148	*NEURL*	-0.752	-1.685
210188_at	2551	*GABPA*	-0.753	-1.685
213558_at	27445	*PCLO*	-0.753	-1.685
217117_x_at	4584	*MUC3A*	-0.753	-1.685
222242_s_at	25818	*KLK5*	-0.753	-1.685
206347_at	5165	*PDK3*	-0.753	-1.686
211319_at	8480	*RAE1*	-0.753	-1.686
211888_x_at	843	*CASP10*	-0.753	-1.686
205285_s_at	2533	*FYB*	-0.753	-1.686
203202_at	11103	*KRR1*	-0.754	-1.686
220566_at	23533	*PIK3R5*	-0.754	-1.686
203290_at	3117	*HLA-DQA1*	-0.754	-1.686
205874_at	3706	*ITPKA*	-0.754	-1.687
219197_s_at	57758	*SCUBE2*	-0.754	-1.687
204176_at	27252	*KLHL20*	-0.754	-1.687
219863_at	51191	*HERC5*	-0.754	-1.687
215071_s_at	8334	*HIST1H2AC*	-0.754	-1.687
213489_at	10982	*MAPRE2*	-0.755	-1.687
215578_at	---	---	-0.755	-1.688
222106_at	23627	*PRND*	-0.755	-1.688
216955_at	6872	*TAF1*	-0.755	-1.688
214638_s_at	905	*CCNT2*	-0.755	-1.688
220640_at	53944	*CSNK1G1*	-0.755	-1.688
208406_s_at	9402	*GRAP2*	-0.755	-1.688
218994_s_at	64940	*STAG3L4*	-0.755	-1.688
222179_at	---	---	-0.755	-1.688
218332_at	55859	*BEX1*	-0.756	-1.688
221796_at	4915	*NTRK2*	-0.756	-1.689
210770_s_at	773	*CACNA1A*	-0.756	-1.689
202968_s_at	8445	*DYRK2*	-0.756	-1.689
210674_s_at	56147	*PCDHA1*	-0.756	-1.689
206386_at	6906	*SERPINA7*	-0.756	-1.689
212283_at	375790	*AGRN*	-0.756	-1.689
204187_at	2766	*GMPR*	-0.756	-1.689
209672_s_at	54468	*MIOS*	-0.757	-1.689
211298_s_at	213	*ALB*	-0.757	-1.690
211170_s_at	10846	*PDE10A*	-0.757	-1.690
211302_s_at	5142	*PDE4B*	-0.757	-1.690
209537_at	2135	*EXTL2*	-0.757	-1.690
204276_at	7084	*TK2*	-0.757	-1.691
220030_at	55359	*STYK1*	-0.758	-1.691
212207_at	23389	*MED13L*	-0.758	-1.691
207859_s_at	1142	*CHRNB3*	-0.758	-1.691

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
206368_at	10814	*CPLX2*	-0.758	-1.691
207475_at	2169	*FABP2*	-0.758	-1.691
220981_x_at	56001	*NXF2*	-0.758	-1.691
217657_at	55973	*BCAP29*	-0.758	-1.692
215855_s_at	7110	*TMF1*	-0.759	-1.692
217696_at	2529	*FUT7*	-0.759	-1.692
219904_at	79149	*ZSCAN5A*	-0.759	-1.692
205380_at	5174	*PDZK1*	-0.759	-1.692
204081_at	4900	*NRGN*	-0.759	-1.692
210686_x_at	8034	*SLC25A16*	-0.759	-1.693
207520_at	6738	*TROVE2*	-0.759	-1.693
212531_at	3934	*LCN2*	-0.759	-1.693
220157_x_at	84725	*PLEKHA8*	-0.760	-1.693
207339_s_at	4050	*LTB*	-0.760	-1.693
209810_at	6439	*SFTPB*	-0.760	-1.693
207188_at	1018	*CDK3*	-0.761	-1.694
206001_at	4852	*NPY*	-0.761	-1.694
222108_at	347902	*AMIGO2*	-0.761	-1.694
206606_at	3990	*LIPC*	-0.761	-1.694
216900_s_at	1137	*CHRNA4*	-0.761	-1.694
216351_x_at	1617	*DAZ1*	-0.761	-1.695
218922_s_at	79603	*LASS4*	-0.761	-1.695
203153_at	3434	*IFIT1*	-0.761	-1.695
204336_s_at	10287	*RGS19*	-0.761	-1.695
213618_at	116984	*ARAP2*	-0.761	-1.695
220321_s_at	79635	*CCDC121*	-0.761	-1.695
47550_at	11178	*LZTS1*	-0.762	-1.696
216134_at	23150	*FRMD4B*	-0.762	-1.696
215873_x_at	89845	*ABCC10*	-0.762	-1.696
211640_x_at	3500	*IGHG1*	-0.762	-1.696
215143_at	349152	*DPY19L2P2*	-0.763	-1.696
207207_at	27288	*RBMXL2*	-0.763	-1.697
205243_at	64849	*SLC13A3*	-0.763	-1.697
213143_at	257407	*C2orf72*	-0.763	-1.697
217334_at	442186	*OR2J3*	-0.763	-1.697
210631_at	4763	*NF1*	-0.763	-1.697
219238_at	55650	*PIGV*	-0.763	-1.697
219977_at	23746	*AIPL1*	-0.763	-1.697
216643_at	---	---	-0.763	-1.697
217082_at	---	---	-0.764	-1.698
222302_at	---	---	-0.764	-1.698
211178_s_at	9051	*PSTPIP1*	-0.764	-1.698
215868_x_at	---	---	-0.764	-1.698
205835_s_at	64848	*YTHDC2*	-0.764	-1.698
1255_g_at	2978	*GUCA1A*	-0.764	-1.699
206868_at	9754	*STARD8*	-0.764	-1.699
201442_s_at	10159	*ATP6AP2*	-0.765	-1.699
211377_x_at	4613	*MYCN*	-0.765	-1.699

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
221916_at	4747	*NEFL*	-0.765	-1.700
206673_at	11245	*GPR176*	-0.765	-1.700
214588_s_at	4238	*MFAP3*	-0.766	-1.700
207070_at	5995	*RGR*	-0.766	-1.700
207615_s_at	750	*C16orf3*	-0.766	-1.701
215708_s_at	5558	*PRIM2*	-0.766	-1.701
220473_s_at	29063	*ZCCHC4*	-0.766	-1.701
221738_at	57148	*KIAA1219*	-0.766	-1.701
215426_at	23174	*ZCCHC14*	-0.767	-1.701
219792_at	79814	*AGMAT*	-0.767	-1.701
203547_at	920	*CD4*	-0.767	-1.701
209757_s_at	4613	*MYCN*	-0.767	-1.702
214838_at	375035	*SFT2D2*	-0.768	-1.703
219457_s_at	79890	*RIN3*	-0.768	-1.703
206754_s_at	1555	*CYP2B6*	-0.768	-1.703
205387_s_at	1082	*CGB*	-0.768	-1.703
215808_at	5655	*KLK10*	-0.768	-1.703
213922_at	146057	*TTBK2*	-0.768	-1.703
208401_s_at	2740	*GLP1R*	-0.768	-1.703
214913_at	9508	*ADAMTS3*	-0.768	-1.703
211405_x_at	3451	*IFNA17*	-0.768	-1.703
214624_at	11045	*UPK1A*	-0.770	-1.705
215344_at	---	---	-0.770	-1.705
221361_at	4975	*OMP*	-0.770	-1.705
207524_at	7982	*ST7*	-0.770	-1.705
214565_s_at	26952	*SMR3A*	-0.770	-1.705
211081_s_at	11183	*MAP4K5*	-0.770	-1.705
214117_s_at	686	*BTD*	-0.770	-1.706
213241_at	10154	*PLXNC1*	-0.770	-1.706
211124_s_at	4254	*KITLG*	-0.770	-1.706
204756_at	5607	*MAP2K5*	-0.771	-1.706
208257_x_at	5669	*PSG1*	-0.771	-1.706
215633_x_at	7940	*LST1*	-0.771	-1.706
203801_at	63931	*MRPS14*	-0.771	-1.706
216477_at	---	---	-0.771	-1.706
203332_s_at	3635	*INPP5D*	-0.771	-1.706
209541_at	3479	*IGF1*	-0.771	-1.706
214618_at	---	---	-0.771	-1.707
219799_s_at	10170	*DHRS9*	-0.771	-1.707
222171_s_at	63876	*PKNOX2*	-0.771	-1.707
221401_at	27091	*CACNG5*	-0.771	-1.707
215423_at	---	---	-0.772	-1.707
214260_at	10920	*COPS8*	-0.772	-1.708
201720_s_at	7805	*LAPTM5*	-0.772	-1.708
206704_at	1184	*CLCN5*	-0.772	-1.708
212650_at	23301	*EHBP1*	-0.772	-1.708
207465_at	29053	*PRO0628*	-0.773	-1.708
216912_at	50649	*ARHGEF4*	-0.773	-1.708

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
210861_s_at	8838	*WISP3*	-0.773	-1.709
206975_at	4049	*LTA*	-0.773	-1.709
210504_at	10661	*KLF1*	-0.773	-1.709
205231_s_at	7957	*EPM2A*	-0.773	-1.709
219231_at	96764	*TGS1*	-0.773	-1.709
59644_at	55589	*BMP2K*	-0.773	-1.709
208281_x_at	1617	*DAZ1*	-0.773	-1.709
34846_at	816	*CAMK2B*	-0.774	-1.710
205771_s_at	9465	*AKAP7*	-0.774	-1.710
220357_s_at	10110	*SGK2*	-0.774	-1.710
207696_at	10690	*FUT9*	-0.774	-1.711
204505_s_at	2039	*EPB49*	-0.774	-1.711
206439_at	1833	*EPYC*	-0.775	-1.711
219674_s_at	3069	*HDLBP*	-0.775	-1.711
206614_at	8200	*GDF5*	-0.775	-1.711
211399_at	2263	*FGFR2*	-0.775	-1.711
222309_at	81688	*C6orf62*	-0.775	-1.711
213974_at	57188	*ADAMTSL3*	-0.775	-1.711
217686_at	5770	*PTPN1*	-0.775	-1.712
204758_s_at	9854	*C2CD2L*	-0.776	-1.712
214788_x_at	23109	*DDN*	-0.776	-1.712
220142_at	60484	*HAPLN2*	-0.776	-1.712
204137_at	7107	*GPR137B*	-0.776	-1.712
214231_s_at	23078	*KIAA0564*	-0.776	-1.712
216774_at	---	---	-0.776	-1.712
216972_at	6677	*SPAM1*	-0.776	-1.713
213816_s_at	4233	*MET*	-0.776	-1.713
205722_s_at	2675	*GFRA2*	-0.777	-1.713
202674_s_at	4008	*LMO7*	-0.777	-1.713
215850_s_at	4698	*NDUFA5*	-0.777	-1.713
203750_s_at	5914	*RARA*	-0.777	-1.713
204873_at	5189	*PEX1*	-0.777	-1.714
215896_at	---	---	-0.777	-1.714
207889_at	1757	*SARDH*	-0.777	-1.714
217190_x_at	2099	*ESR1*	-0.777	-1.714
208371_s_at	6015	*RING1*	-0.777	-1.714
203936_s_at	4318	*MMP9*	-0.777	-1.714
221231_s_at	55051	*C14orf102*	-0.778	-1.714
221354_s_at	2847	*MCHR1*	-0.778	-1.714
221363_x_at	2848	*GPR25*	-0.778	-1.714
218378_s_at	79706	*PRKRIP1*	-0.778	-1.715
206812_at	155	*ADRB3*	-0.778	-1.715
221698_s_at	64581	*CLEC7A*	-0.778	-1.715
209597_s_at	10687	*PNMA2*	-0.779	-1.716
217439_at	---	---	-0.779	-1.716
216102_at	23187	*PHLDB1*	-0.779	-1.716
216530_at	---	---	-0.779	-1.716
207309_at	4842	*NOS1*	-0.780	-1.717

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
202569_s_at	4140	*MARK3*	-0.780	-1.717
217477_at	8395	*PIP5K1B*	-0.780	-1.717
202572_s_at	22839	*DLGAP4*	-0.780	-1.717
206111_at	6036	*RNASE2*	-0.780	-1.717
220429_at	9348	*NDST3*	-0.780	-1.717
216541_x_at	3500	*IGHG1*	-0.781	-1.718
203993_x_at	755	*C21orf2*	-0.781	-1.718
207424_at	4617	*MYF5*	-0.781	-1.718
214681_at	2710	*GK*	-0.781	-1.718
213759_at	10123	*ARL4C*	-0.781	-1.719
203440_at	1000	*CDH2*	-0.781	-1.719
210581_x_at	23598	*PATZ1*	-0.782	-1.719
207283_at	56969	*RPL23AP32*	-0.782	-1.719
220251_at	27042	*C1orf107*	-0.782	-1.719
210109_at	27099	*C7orf54*	-0.782	-1.719
215389_s_at	7139	*TNNT2*	-0.782	-1.720
208062_s_at	9542	*NRG2*	-0.782	-1.720
216529_at	---	---	-0.782	-1.720
207596_at	353189	*SLCO4C1*	-0.783	-1.720
206228_at	5076	*PAX2*	-0.783	-1.720
203159_at	2744	*GLS*	-0.783	-1.720
205183_at	3184	*HNRNPD*	-0.783	-1.721
204184_s_at	157	*ADRBK2*	-0.784	-1.721
219055_at	55133	*SRBD1*	-0.784	-1.722
204936_at	5871	*MAP4K2*	-0.784	-1.722
222347_at	644450	*LOC644450*	-0.784	-1.722
34726_at	784	*CACNB3*	-0.784	-1.722
211856_x_at	940	*CD28*	-0.784	-1.722
221169_s_at	59340	*HRH4*	-0.785	-1.723
215985_at	80862	*NCRNA00171*	-0.785	-1.723
210219_at	6672	*SP100*	-0.785	-1.723
221672_s_at	83696	*TRAPPC9*	-0.785	-1.723
211263_s_at	5046	*PCSK6*	-0.785	-1.723
204114_at	22795	*NID2*	-0.785	-1.724
202533_s_at	1719	*DHFR*	-0.786	-1.724
214178_s_at	6657	*SOX2*	-0.786	-1.724
220193_at	79729	*C1orf113*	-0.786	-1.724
211486_s_at	3785	*KCNQ2*	-0.786	-1.724
213874_at	5267	*SERPINA4*	-0.786	-1.724
219830_at	10743	*RAI1*	-0.786	-1.724
207399_at	8419	*BFSP2*	-0.786	-1.724
207528_s_at	23657	*SLC7A11*	-0.786	-1.724
201309_x_at	9315	*C5orf13*	-0.786	-1.725
209979_at	104	*ADARB1*	-0.787	-1.725
220692_at	100286937	*LOC100286937*	-0.787	-1.725
206233_at	9331	*B4GALT6*	-0.787	-1.725
221450_x_at	56123	*PCDHB13*	-0.787	-1.725
216447_at	---	---	-0.787	-1.725

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
201387_s_at	7345	*UCHL1*	-0.787	-1.726
220471_s_at	80177	*MYCT1*	-0.787	-1.726
217049_x_at	83259	*PCDH11Y*	-0.787	-1.726
213705_at	---	---	-0.787	-1.726
217020_at	5915	*RARB*	-0.788	-1.726
215528_at	---	---	-0.788	-1.726
205919_at	3046	*HBE1*	-0.788	-1.726
203902_at	9843	*HEPH*	-0.788	-1.727
213492_at	1280	*COL2A1*	-0.788	-1.727
220543_at	56245	*C21orf62*	-0.788	-1.727
214229_at	8632	*DNAH17*	-0.789	-1.728
202652_at	322	*APBB1*	-0.789	-1.728
205021_s_at	1112	*FOXN3*	-0.790	-1.729
221448_s_at	56154	*TEX15*	-0.790	-1.729
216642_at	---	---	-0.790	-1.729
216260_at	23405	*DICER1*	-0.791	-1.730
204796_at	2009	*EML1*	-0.791	-1.730
210506_at	2529	*FUT7*	-0.791	-1.730
213839_at	79789	*CLMN*	-0.791	-1.731
206899_at	23620	*NTSR2*	-0.791	-1.731
211332_x_at	3077	*HFE*	-0.791	-1.731
219793_at	64089	*SNX16*	-0.792	-1.731
202437_s_at	1545	*CYP1B1*	-0.792	-1.731
206711_at	9142	*CXorf1*	-0.792	-1.731
219914_at	9427	*ECEL1*	-0.792	-1.731
210868_s_at	79071	*ELOVL6*	-0.792	-1.731
207963_at	26236	*C6orf54*	-0.792	-1.731
206823_at	26013	*L3MBTL*	-0.792	-1.732
212963_at	83941	*TM2D1*	-0.792	-1.732
206783_at	2249	*FGF4*	-0.793	-1.732
211201_at	2492	*FSHR*	-0.793	-1.733
220802_at	23415	*KCNH4*	-0.793	-1.733
200928_s_at	51552	*RAB14*	-0.793	-1.733
217333_at	---	---	-0.794	-1.733
216419_at	9696	*CROCC*	-0.794	-1.733
213307_at	22941	*SHANK2*	-0.794	-1.734
222178_s_at	---	---	-0.794	-1.734
221955_at	---	---	-0.794	-1.734
214482_at	7597	*ZBTB25*	-0.795	-1.735
213725_x_at	64131	*XYLT1*	-0.796	-1.736
117_at	3310	*HSPA6*	-0.796	-1.736
215331_at	22989	*MYH15*	-0.796	-1.736
214984_at	440345	*LOC440345*	-0.796	-1.736
217320_at	100293211	*LOC100293211*	-0.796	-1.736
202974_at	4354	*MPP1*	-0.796	-1.736
202507_s_at	6616	*SNAP25*	-0.796	-1.736
217505_at	151230	*KLHL23*	-0.796	-1.736
215056_at	---	---	-0.796	-1.736

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
210663_s_at	8942	*KYNU*	-0.796	-1.736
210054_at	79441	*HAUS3*	-0.796	-1.736
216898_s_at	1285	*COL4A3*	-0.796	-1.737
207673_at	4868	*NPHS1*	-0.796	-1.737
220903_at	85476	*GFM1*	-0.797	-1.737
214777_at	28908	*IGKV4-1*	-0.797	-1.737
209758_s_at	8076	*MFAP5*	-0.797	-1.738
43427_at	32	*ACACB*	-0.797	-1.738
217423_at	---	---	-0.797	-1.738
217889_s_at	79901	*CYBRD1*	-0.798	-1.738
207111_at	2015	*EMR1*	-0.798	-1.738
205999_x_at	1576	*CYP3A4*	-0.798	-1.739
210794_s_at	55384	*MEG3*	-0.798	-1.739
211102_s_at	11027	*LILRA2*	-0.798	-1.739
205797_s_at	55346	*TCP11L1*	-0.798	-1.739
212487_at	23131	*GPATCH8*	-0.798	-1.739
213266_at	27229	*TUBGCP4*	-0.799	-1.740
216931_at	---	---	-0.799	-1.740
214031_s_at	3855	*KRT7*	-0.799	-1.740
220273_at	27190	*IL17B*	-0.799	-1.740
220283_at	79802	*HHIPL2*	-0.799	-1.740
214622_at	1589	*CYP21A2*	-0.799	-1.740
215040_at	79621	*RNASEH2B*	-0.799	-1.740
204551_s_at	197	*AHSG*	-0.799	-1.740
214183_s_at	8277	*TKTL1*	-0.800	-1.741
215534_at	---	---	-0.800	-1.741
208056_s_at	863	*CBFA2T3*	-0.800	-1.741
213768_s_at	429	*ASCL1*	-0.800	-1.742
205751_at	6456	*SH3GL2*	-0.800	-1.742
217397_at	6964	*TRD@*	-0.800	-1.742
220824_at	---	---	-0.801	-1.742
214248_s_at	23321	*TRIM2*	-0.801	-1.742
210895_s_at	942	*CD86*	-0.801	-1.742
217014_s_at	563	*AZGP1*	-0.801	-1.742
222264_at	221092	*HNRNPUL2*	-0.801	-1.743
217649_at	7763	*ZFAND5*	-0.801	-1.743
205177_at	7135	*TNNI1*	-0.801	-1.743
213756_s_at	3297	*HSF1*	-0.802	-1.743
203223_at	9135	*RABEP1*	-0.802	-1.743
213955_at	91977	*MYOZ3*	-0.802	-1.743
216033_s_at	2534	*FYN*	-0.802	-1.744
214713_at	56252	*YLPM1*	-0.802	-1.744
209880_s_at	6404	*SELPLG*	-0.802	-1.744
221341_s_at	8385	*OR1D4*	-0.803	-1.744
206541_at	3818	*KLKB1*	-0.803	-1.744
207810_at	2165	*F13B*	-0.803	-1.745
210934_at	640	*BLK*	-0.803	-1.745
209346_s_at	55361	*PI4K2A*	-0.804	-1.745

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
221658_s_at	50615	*IL21R*	-0.804	-1.746
221141_x_at	29924	*EPN1*	-0.804	-1.746
211602_s_at	7220	*TRPC1*	-0.804	-1.746
206830_at	57282	*SLC4A10*	-0.804	-1.746
AFFX-r2-Ec-bioD-5_at	---	---	-0.804	-1.746
205108_s_at	338	*APOB*	-0.804	-1.747
216998_s_at	255926	*ADAM5P*	-0.805	-1.747
213267_at	23033	*DOPEY1*	-0.805	-1.747
215701_at	---	---	-0.805	-1.747
205889_s_at	9832	*JAKMIP2*	-0.805	-1.747
220431_at	28983	*TMPRSS11E*	-0.805	-1.747
221933_at	57502	*NLGN4X*	-0.805	-1.747
AFFX-r2-P1-cre-5_at	---	---	-0.805	-1.748
210550_s_at	5923	*RASGRF1*	-0.805	-1.748
211553_x_at	317	*APAF1*	-0.806	-1.748
207803_s_at	1448	*CSN3*	-0.806	-1.749
204736_s_at	1464	*CSPG4*	-0.806	-1.749
202027_at	25829	*TMEM184B*	-0.806	-1.749
203390_s_at	3797	*KIF3C*	-0.806	-1.749
204347_at	205	*AK3L1*	-0.807	-1.749
209823_x_at	3119	*HLA-DQB1*	-0.807	-1.749
211359_s_at	4988	*OPRM1*	-0.807	-1.750
218330_s_at	89797	*NAV2*	-0.807	-1.750
205092_x_at	22890	*ZBTB1*	-0.807	-1.750
214628_at	4807	*NHLH1*	-0.807	-1.750
220112_at	79722	*ANKRD55*	-0.808	-1.750
221660_at	93408	*MYL10*	-0.808	-1.751
212707_s_at	100132214	*LOC100132214*	-0.808	-1.751
212435_at	51592	*TRIM33*	-0.808	-1.751
222318_at	388569	*ZNF324B*	-0.808	-1.751
214955_at	164656	*TMPRSS6*	-0.808	-1.751
216294_s_at	84162	*KIAA1109*	-0.809	-1.752
214244_s_at	8992	*ATP6V0E1*	-0.809	-1.752
222321_at	186	*AGTR2*	-0.809	-1.752
217362_x_at	3128	*HLA-DRB6*	-0.809	-1.752
222353_at	8994	*LIMD1*	-0.810	-1.753
207901_at	3593	*IL12B*	-0.810	-1.754
215839_at	353514	*LILRA5*	-0.810	-1.754
207902_at	3568	*IL5RA*	-0.811	-1.754
210197_at	3705	*ITPK1*	-0.811	-1.754
202480_s_at	9191	*DEDD*	-0.811	-1.754
207222_at	8399	*PLA2G10*	-0.811	-1.754
203661_s_at	7111	*TMOD1*	-0.811	-1.754
210702_s_at	5740	*PTGIS*	-0.811	-1.754
211266_s_at	2828	*GPR4*	-0.811	-1.754
216216_at	6586	*SLIT3*	-0.811	-1.755
206760_s_at	2208	*FCER2*	-0.811	-1.755
215064_at	6309	*SC5DL*	-0.811	-1.755

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
222180_at	---	---	-0.811	-1.755
216647_at	6929	*TCF3*	-0.812	-1.756
215139_at	9639	*ARHGEF10*	-0.812	-1.756
220836_at	55628	*ZNF407*	-0.812	-1.756
205137_x_at	10083	*USH1C*	-0.812	-1.756
207067_s_at	3067	*HDC*	-0.812	-1.756
211788_s_at	11219	*TREX2*	-0.812	-1.756
216989_at	6677	*SPAM1*	-0.812	-1.756
221131_at	51146	*A4GNT*	-0.812	-1.756
214147_at	374977	*C1orf175*	-0.813	-1.756
206892_at	269	*AMHR2*	-0.813	-1.757
210034_s_at	6125	*RPL5*	-0.813	-1.757
221697_at	440738	*MAP1LC3C*	-0.813	-1.757
207590_s_at	2491	*CENPI*	-0.813	-1.757
216701_at	100129271	*C1orf68*	-0.814	-1.758
207505_at	5593	*PRKG2*	-0.815	-1.759
220289_s_at	55057	*AIM1L*	-0.815	-1.759
214983_at	64595	*TTTY15*	-0.815	-1.759
221349_at	7441	*VPREB1*	-0.815	-1.760
214392_at	56269	*IRGC*	-0.816	-1.760
204446_s_at	240	*ALOX5*	-0.816	-1.760
205935_at	2294	*FOXF1*	-0.816	-1.760
220116_at	3781	*KCNN2*	-0.816	-1.761
219056_at	79621	*RNASEH2B*	-0.816	-1.761
203424_s_at	3488	*IGFBP5*	-0.817	-1.762
210497_x_at	6757	*SSX2*	-0.817	-1.762
63305_at	63876	*PKNOX2*	-0.817	-1.762
208844_at	7419	*VDAC3*	-0.817	-1.762
217476_at	9572	*NR1D1*	-0.817	-1.762
222292_at	958	*CD40*	-0.817	-1.762
215292_s_at	57591	*MKL1*	-0.818	-1.763
207227_x_at	10739	*RFPL2*	-0.818	-1.763
218637_at	55364	*IMPACT*	-0.819	-1.764
217557_s_at	1368	*CPM*	-0.819	-1.764
219686_at	55351	*STK32B*	-0.819	-1.764
215284_at	---	---	-0.820	-1.765
211449_at	2956	*MSH6*	-0.820	-1.765
202554_s_at	2947	*GSTM3*	-0.820	-1.765
216401_x_at	652493	*LOC652493*	-0.820	-1.765
203552_at	11183	*MAP4K5*	-0.820	-1.765
216687_x_at	7366	*UGT2B15*	-0.820	-1.765
210099_at	20	*ABCA2*	-0.820	-1.765
221720_s_at	---	---	-0.820	-1.766
211260_at	655	*BMP7*	-0.820	-1.766
208323_s_at	312	*ANXA13*	-0.820	-1.766
219616_at	79611	*ACSS3*	-0.820	-1.766
204397_at	24139	*EML2*	-0.821	-1.766
214994_at	200316	*APOBEC3F*	-0.821	-1.766

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
211372_s_at	7850	*IL1R2*	-0.821	-1.766
220822_at	---	---	-0.821	-1.767
205856_at	6563	*SLC14A1*	-0.821	-1.767
219835_at	56978	*PRDM8*	-0.821	-1.767
210647_x_at	8398	*PLA2G6*	-0.821	-1.767
216114_at	51517	*NCKIPSD*	-0.821	-1.767
221030_s_at	83478	*ARHGAP24*	-0.822	-1.767
214156_at	25924	*MYRIP*	-0.822	-1.768
207007_at	9970	*NR1I3*	-0.822	-1.768
219727_at	50506	*DUOX2*	-0.822	-1.768
208353_x_at	286	*ANK1*	-0.822	-1.768
203184_at	2201	*FBN2*	-0.823	-1.769
222296_at	---	---	-0.823	-1.769
205880_at	5587	*PRKD1*	-0.823	-1.769
220660_at	58483	*C9orf27*	-0.823	-1.769
210977_s_at	3299	*HSF4*	-0.823	-1.769
206889_at	64714	*PDIA2*	-0.823	-1.769
207086_x_at	2543	*GAGE1*	-0.823	-1.769
209197_at	23208	*SYT11*	-0.823	-1.770
217002_s_at	3359	*HTR3A*	-0.824	-1.770
222315_at	---	---	-0.824	-1.770
214418_at	196993	*CT62*	-0.824	-1.770
205136_s_at	26747	*NUFIP1*	-0.824	-1.770
220394_at	26281	*FGF20*	-0.824	-1.770
220603_s_at	55784	*MCTP2*	-0.824	-1.770
215655_at	2898	*GRIK2*	-0.824	-1.770
221121_at	54967	*CXorf48*	-0.824	-1.771
213561_at	25842	*ASF1A*	-0.825	-1.771
212784_at	23152	*CIC*	-0.825	-1.771
216556_x_at	---	---	-0.825	-1.772
214240_at	51083	*GAL*	-0.825	-1.772
220418_at	53347	*UBASH3A*	-0.825	-1.772
220014_at	51334	*PRR16*	-0.825	-1.772
204239_s_at	4826	*NNAT*	-0.826	-1.773
217687_at	108	*ADCY2*	-0.826	-1.773
204152_s_at	4242	*MFNG*	-0.827	-1.774
205752_s_at	2949	*GSTM5*	-0.827	-1.774
210948_s_at	51176	*LEF1*	-0.827	-1.774
212957_s_at	92249	*LOC92249*	-0.827	-1.774
208138_at	2520	*GAST*	-0.827	-1.775
AFFX-r2-Ec-bioD-3_at	---	---	-0.828	-1.775
208391_s_at	2740	*GLP1R*	-0.828	-1.775
214506_at	11318	*GPR182*	-0.828	-1.775
214029_at	284439	*SLC25A42*	-0.828	-1.775
215969_at	---	---	-0.828	-1.775
219234_x_at	79634	*SCRN3*	-0.828	-1.775
221575_at	51540	*SCLY*	-0.828	-1.775
215365_at	783	*CACNB2*	-0.828	-1.776

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
217396_at	---	---	-0.828	-1.776
220400_at	157680	*VPS13B*	-0.828	-1.776
213849_s_at	5521	*PPP2R2B*	-0.829	-1.776
210141_s_at	3623	*INHA*	-0.829	-1.776
220135_s_at	11136	*SLC7A9*	-0.829	-1.776
206677_at	3881	*KRT31*	-0.829	-1.776
209561_at	7059	*THBS3*	-0.829	-1.777
222367_at	123720	*WHAMM*	-0.830	-1.778
205269_at	3937	*LCP2*	-0.830	-1.778
206532_at	---	---	-0.830	-1.778
215592_at	---	---	-0.830	-1.778
221968_s_at	51333	*ZNF771*	-0.830	-1.778
220270_at	56163	*RNF17*	-0.830	-1.778
38149_at	9938	*ARHGAP25*	-0.830	-1.778
209119_x_at	7026	*NR2F2*	-0.830	-1.778
220346_at	441024	*MTHFD2L*	-0.831	-1.778
200952_s_at	894	*CCND2*	-0.831	-1.779
207519_at	6532	*SLC6A4*	-0.831	-1.779
220325_at	54457	*TAF7L*	-0.831	-1.779
214012_at	51752	*ERAP1*	-0.831	-1.779
221546_at	8559	*PRPF18*	-0.831	-1.779
216400_at	2629	*GBA*	-0.832	-1.780
215214_at	3535	*IGL@*	-0.832	-1.780
210871_x_at	117178	*SSX2IP*	-0.832	-1.780
213731_s_at	6929	*TCF3*	-0.832	-1.780
208130_s_at	6916	*TBXAS1*	-0.832	-1.780
203393_at	3280	*HES1*	-0.832	-1.781
215625_at	644450	*LOC644450*	-0.832	-1.781
218410_s_at	283871	*PGP*	-0.833	-1.781
217460_at	7142	*TNP2*	-0.833	-1.781
208377_s_at	778	*CACNA1F*	-0.833	-1.781
218560_s_at	65094	*JMJD4*	-0.833	-1.782
217668_at	388886	*C22orf36*	-0.833	-1.782
220882_at	---	---	-0.833	-1.782
220871_at	---	---	-0.833	-1.782
216757_at	---	---	-0.834	-1.782
212831_at	1955	*MEGF9*	-0.834	-1.782
220065_at	64102	*TNMD*	-0.834	-1.782
207929_at	2925	*GRPR*	-0.834	-1.782
211618_s_at	248	*ALPI*	-0.834	-1.783
221583_s_at	3778	*KCNMA1*	-0.834	-1.783
208203_x_at	3810	*KIR2DS5*	-0.835	-1.783
204829_s_at	2350	*FOLR2*	-0.835	-1.784
221107_at	55584	*CHRNA9*	-0.835	-1.784
217078_s_at	11314	*CD300A*	-0.835	-1.784
202436_s_at	1545	*CYP1B1*	-0.835	-1.784
216393_at	26148	*C10orf12*	-0.836	-1.785
211606_at	---	---	-0.836	-1.785

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216999_at	2057	*EPOR*	-0.836	-1.785
219697_at	9956	*HS3ST2*	-0.836	-1.785
216450_x_at	7184	*HSP90B1*	-0.836	-1.785
214374_s_at	8496	*PPFIBP1*	-0.837	-1.786
215804_at	2041	*EPHA1*	-0.837	-1.786
216433_s_at	7799	*PRDM2*	-0.837	-1.786
206484_s_at	7512	*XPNPEP2*	-0.837	-1.787
213659_at	7626	*ZNF75D*	-0.838	-1.788
205459_s_at	4862	*NPAS2*	-0.838	-1.788
209728_at	3126	*HLA-DRB4*	-0.838	-1.788
213966_at	10362	*HMG20B*	-0.838	-1.788
220815_at	29119	*CTNNA3*	-0.838	-1.788
208600_s_at	2863	*GPR39*	-0.839	-1.788
215232_at	9912	*RICH2*	-0.839	-1.788
216762_at	23189	*KANK1*	-0.839	-1.789
213413_at	11037	*STON1*	-0.839	-1.789
205221_at	3081	*HGD*	-0.839	-1.789
221273_s_at	727800	*RNF208*	-0.839	-1.789
213868_s_at	51635	*DHRS7*	-0.840	-1.789
215126_at	---	---	-0.840	-1.790
206916_x_at	6898	*TAT*	-0.840	-1.790
214137_at	5795	*PTPRJ*	-0.840	-1.790
208165_s_at	10279	*PRSS16*	-0.840	-1.791
221155_x_at	---	---	-0.841	-1.791
217095_x_at	9437	*NCR1*	-0.841	-1.792
221391_at	50840	*TAS2R14*	-0.841	-1.792
213933_at	5733	*PTGER3*	-0.842	-1.792
205372_at	5324	*PLAG1*	-0.842	-1.792
205119_s_at	2357	*FPR1*	-0.842	-1.792
213336_at	9031	*BAZ1B*	-0.842	-1.793
AFFX-DapX-M_at	---	---	-0.842	-1.793
208049_s_at	6869	*TACR1*	-0.842	-1.793
214434_at	259217	*HSPA12A*	-0.843	-1.793
215727_x_at	---	---	-0.843	-1.793
217324_at	---	---	-0.843	-1.794
211400_at	2263	*FGFR2*	-0.843	-1.794
212550_at	6777	*STAT5B*	-0.843	-1.794
220017_x_at	1559	*CYP2C9*	-0.843	-1.794
202445_s_at	4853	*NOTCH2*	-0.843	-1.794
220910_at	80144	*FRAS1*	-0.843	-1.794
207899_at	2695	*GIP*	-0.843	-1.794
209789_at	10391	*CORO2B*	-0.843	-1.794
210848_at	---	---	-0.843	-1.794
220204_s_at	353500	*BMP8A*	-0.844	-1.795
211156_at	1029	*CDKN2A*	-0.844	-1.795
210444_at	4888	*NPY6R*	-0.844	-1.795
215488_at	---	---	-0.844	-1.795
210742_at	8556	*CDC14A*	-0.844	-1.795

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
211348_s_at	8555	*CDC14B*	-0.844	-1.795
216319_at	---	---	-0.845	-1.796
216980_s_at	6693	*SPN*	-0.845	-1.796
214643_x_at	274	*BIN1*	-0.845	-1.796
204309_at	1583	*CYP11A1*	-0.845	-1.796
211437_at	---	---	-0.845	-1.797
214193_s_at	27042	*C1orf107*	-0.845	-1.797
204095_s_at	8178	*ELL*	-0.846	-1.797
206478_at	9834	*KIAA0125*	-0.846	-1.797
210440_s_at	8556	*CDC14A*	-0.846	-1.797
220533_at	---	---	-0.846	-1.797
48030_i_at	10826	*C5orf4*	-0.846	-1.798
216810_at	85287	*KRTAP4-7*	-0.847	-1.798
205482_x_at	29907	*SNX15*	-0.847	-1.798
214836_x_at	50802	*IGK@*	-0.847	-1.799
211402_x_at	2649	*NR6A1*	-0.848	-1.800
214735_at	26034	*IPCEF1*	-0.848	-1.800
208480_s_at	368	*ABCC6*	-0.848	-1.800
209904_at	7134	*TNNC1*	-0.848	-1.800
221364_at	2895	*GRID2*	-0.848	-1.800
212366_at	23036	*ZNF292*	-0.848	-1.800
213566_at	6039	*RNASE6*	-0.848	-1.800
216923_at	6792	*CDKL5*	-0.848	-1.800
214187_x_at	10217	*CTDSPL*	-0.848	-1.801
35776_at	6453	*ITSN1*	-0.849	-1.802
214289_at	5689	*PSMB1*	-0.849	-1.802
214566_at	26952	*SMR3A*	-0.849	-1.802
219635_at	80095	*ZNF606*	-0.850	-1.802
212701_at	83660	*TLN2*	-0.850	-1.802
219284_at	79663	*HSPBAP1*	-0.850	-1.802
214444_s_at	5817	*PVR*	-0.850	-1.802
221261_x_at	728239	*MAGED4*	-0.850	-1.803
219636_s_at	80210	*ARMC9*	-0.850	-1.803
216615_s_at	3359	*HTR3A*	-0.850	-1.803
215052_at	9758	*FRMPD4*	-0.850	-1.803
209886_s_at	4091	*SMAD6*	-0.851	-1.803
AFFX-HUMRGE/M10098_3_at	---	---	-0.851	-1.803
214775_at	23138	*N4BP3*	-0.851	-1.803
217540_at	91775	*FAM55C*	-0.851	-1.804
205898_at	1524	*CX3CR1*	-0.851	-1.804
210661_at	8001	*GLRA3*	-0.851	-1.804
209982_s_at	9379	*NRXN2*	-0.851	-1.804
207477_at	---	---	-0.852	-1.805
219789_at	4883	*NPR3*	-0.852	-1.805
208957_at	23071	*ERP44*	-0.852	-1.805
212392_s_at	9659	*PDE4DIP*	-0.852	-1.805
211597_s_at	84525	*HOPX*	-0.852	-1.805

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
31835_at	3273	*HRG*	-0.852	-1.805
207990_x_at	56	*ACRV1*	-0.852	-1.805
207392_x_at	7366	*UGT2B15*	-0.853	-1.806
210325_at	909	*CD1A*	-0.853	-1.806
215100_at	84830	*C6orf105*	-0.853	-1.806
209505_at	7025	*NR2F1*	-0.853	-1.806
207006_s_at	29903	*CCDC106*	-0.853	-1.807
210836_x_at	5144	*PDE4D*	-0.854	-1.807
221295_at	1149	*CIDEA*	-0.854	-1.807
209406_at	9532	*BAG2*	-0.854	-1.807
214888_at	824	*CAPN2*	-0.854	-1.808
206485_at	921	*CD5*	-0.855	-1.808
216168_at	---	---	-0.855	-1.808
221331_x_at	1493	*CTLA4*	-0.855	-1.808
215662_at	---	---	-0.855	-1.808
216824_at	---	---	-0.855	-1.809
205973_at	9638	*FEZ1*	-0.855	-1.809
205744_at	8448	*DOC2A*	-0.855	-1.809
207364_at	1527	*TEX28*	-0.855	-1.809
207880_at	4185	*ADAM11*	-0.855	-1.809
220663_at	11141	*IL1RAPL1*	-0.855	-1.809
216733_s_at	2628	*GATM*	-0.855	-1.809
215992_s_at	9693	*RAPGEF2*	-0.855	-1.809
217471_at	---	---	-0.855	-1.809
219892_at	53346	*TM6SF1*	-0.856	-1.809
205306_x_at	8564	*KMO*	-0.856	-1.810
216099_at	93164	*HTR7P*	-0.856	-1.810
204471_at	2596	*GAP43*	-0.856	-1.810
205804_s_at	80342	*TRAF3IP3*	-0.856	-1.810
214475_x_at	825	*CAPN3*	-0.856	-1.810
216496_s_at	---	---	-0.856	-1.810
215796_at	---	---	-0.856	-1.810
206628_at	6523	*SLC5A1*	-0.856	-1.810
207593_at	64137	*ABCG4*	-0.856	-1.811
202341_s_at	23321	*TRIM2*	-0.857	-1.811
215485_s_at	3383	*ICAM1*	-0.857	-1.811
215288_at	7221	*TRPC2*	-0.857	-1.811
205772_s_at	---	---	-0.857	-1.812
207036_x_at	2906	*GRIN2D*	-0.857	-1.812
221353_at	4994	*OR3A1*	-0.857	-1.812
212580_at	51752	*ERAP1*	-0.857	-1.812
207835_at	2192	*FBLN1*	-0.857	-1.812
219425_at	25830	*SULT4A1*	-0.858	-1.812
206479_at	4308	*TRPM1*	-0.858	-1.813
210798_x_at	10747	*MASP2*	-0.858	-1.813
209839_at	26052	*DNM3*	-0.858	-1.813
219760_at	64130	*LIN7B*	-0.858	-1.813
220286_at	54893	*MTMR10*	-0.858	-1.813

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205959_at	4322	*MMP13*	-0.859	-1.813
210419_at	8538	*BARX2*	-0.859	-1.813
206729_at	943	*TNFRSF8*	-0.859	-1.813
215271_at	63923	*TNN*	-0.859	-1.814
204953_at	9892	*SNAP91*	-0.859	-1.814
210731_s_at	3964	*LGALS8*	-0.859	-1.814
217143_s_at	6955	*TRA@*	-0.859	-1.814
37201_at	3700	*ITIH4*	-0.860	-1.815
214509_at	8354	*HIST1H3I*	-0.860	-1.815
220873_at	---	---	-0.860	-1.815
204376_at	9730	*VPRBP*	-0.860	-1.816
216196_at	440366	*LOC440366*	-0.860	-1.816
210888_s_at	3697	*ITIH1*	-0.860	-1.816
217021_at	1528	*CYB5A*	-0.861	-1.816
219270_at	79094	*CHAC1*	-0.861	-1.816
221297_at	55507	*GPRC5D*	-0.861	-1.816
204486_at	---	---	-0.861	-1.816
204535_s_at	5978	*REST*	-0.861	-1.816
207985_at	---	---	-0.862	-1.817
220826_at	140290	*TCP10L*	-0.863	-1.818
216086_at	22987	*SV2C*	-0.863	-1.818
206480_at	4056	*LTC4S*	-0.863	-1.819
216489_at	80036	*TRPM3*	-0.863	-1.819
220851_at	---	---	-0.863	-1.819
220432_s_at	51302	*CYP39A1*	-0.864	-1.820
206434_at	50859	*SPOCK3*	-0.864	-1.820
214149_s_at	8992	*ATP6V0E1*	-0.864	-1.820
214547_at	55811	*ADCY10*	-0.864	-1.820
206311_s_at	5319	*PLA2G1B*	-0.864	-1.821
205659_at	9734	*HDAC9*	-0.864	-1.821
215902_at	---	---	-0.865	-1.821
217120_s_at	728142	*LOC728142*	-0.865	-1.821
213148_at	257407	*C2orf72*	-0.865	-1.822
222069_s_at	100287697	*LOC100287697*	-0.865	-1.822
216427_at	---	---	-0.866	-1.822
210061_at	51385	*ZNF589*	-0.866	-1.822
216781_at	85452	*KIAA1751*	-0.866	-1.823
217220_at	---	---	-0.866	-1.823
217721_at	---	---	-0.866	-1.823
213250_at	11007	*CCDC85B*	-0.866	-1.823
219935_at	11096	*ADAMTS5*	-0.867	-1.823
216407_at	55697	*VAC14*	-0.867	-1.824
206310_at	6691	*SPINK2*	-0.867	-1.824
217545_at	79784	*MYH14*	-0.867	-1.824
207128_s_at	7766	*ZNF223*	-0.867	-1.824
220491_at	57817	*HAMP*	-0.868	-1.825
210127_at	51560	*RAB6B*	-0.868	-1.825
206004_at	7053	*TGM3*	-0.868	-1.825

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
215525_at	---	---	-0.868	-1.825
204214_s_at	10981	*RAB32*	-0.868	-1.825
204778_x_at	3217	*HOXB7*	-0.868	-1.826
206471_s_at	10154	*PLXNC1*	-0.869	-1.826
206940_s_at	5457	*POU4F1*	-0.869	-1.827
217515_s_at	779	*CACNA1S*	-0.870	-1.828
214847_s_at	63940	*GPSM3*	-0.870	-1.828
203772_at	644	*BLVRA*	-0.871	-1.829
205741_s_at	1837	*DTNA*	-0.871	-1.829
216661_x_at	4595	*MUTYH*	-0.871	-1.829
221268_s_at	81537	*SGPP1*	-0.871	-1.829
221243_s_at	---	---	-0.871	-1.829
210712_at	92483	*LDHAL6B*	-0.871	-1.829
212258_s_at	6595	*SMARCA2*	-0.872	-1.830
213107_at	23043	*TNIK*	-0.872	-1.830
207149_at	1010	*CDH12*	-0.872	-1.830
206409_at	7074	*TIAM1*	-0.872	-1.831
217278_x_at	---	---	-0.872	-1.831
209948_at	3779	*KCNMB1*	-0.873	-1.831
217032_at	2298	*FOXD4*	-0.873	-1.831
219744_at	64122	*FN3K*	-0.873	-1.831
203911_at	5909	*RAP1GAP*	-0.873	-1.832
214404_x_at	25803	*SPDEF*	-0.873	-1.832
216453_at	57336	*ZNF287*	-0.874	-1.832
211492_s_at	148	*ADRA1A*	-0.874	-1.832
207300_s_at	2155	*F7*	-0.874	-1.833
207282_s_at	4656	*MYOG*	-0.874	-1.833
218083_at	80142	*PTGES2*	-0.874	-1.833
216690_at	26664	*OR7C1*	-0.874	-1.833
214262_at	7205	*TRIP6*	-0.874	-1.833
221289_at	1750	*DLX6*	-0.874	-1.833
221398_at	50836	*TAS2R8*	-0.874	-1.833
214820_at	54014	*BRWD1*	-0.875	-1.834
206168_at	23264	*ZC3H7B*	-0.876	-1.835
215124_at	162972	*ZNF550*	-0.876	-1.835
210382_at	6344	*SCTR*	-0.876	-1.836
210007_s_at	2820	*GPD2*	-0.876	-1.836
AFFX-BioC-3_at	---	---	-0.877	-1.836
215775_at	7057	*THBS1*	-0.877	-1.836
204422_s_at	2247	*FGF2*	-0.877	-1.836
210300_at	28954	*REM1*	-0.877	-1.837
204916_at	10267	*RAMP1*	-0.877	-1.837
210781_x_at	2902	*GRIN1*	-0.878	-1.837
210342_s_at	7173	*TPO*	-0.878	-1.837
211691_x_at	---	---	-0.878	-1.838
203355_s_at	23362	*PSD3*	-0.879	-1.839
215676_at	2972	*BRF1*	-0.879	-1.839
205811_at	11232	*POLG2*	-0.879	-1.839

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
214834_at	8123	*PAR5*	-0.879	-1.839
216688_at	728564	*LOC728564*	-0.879	-1.839
214754_at	200424	*TET3*	-0.879	-1.839
206178_at	5322	*PLA2G5*	-0.879	-1.839
214706_at	7752	*ZNF200*	-0.880	-1.840
220452_x_at	---	---	-0.880	-1.840
216580_at	6129	*RPL7*	-0.880	-1.840
219964_at	54879	*ST7L*	-0.880	-1.840
216417_x_at	3219	*HOXB9*	-0.880	-1.841
205385_at	4193	*MDM2*	-0.881	-1.841
214884_at	4168	*MCF2*	-0.881	-1.841
211887_x_at	4481	*MSR1*	-0.881	-1.841
213371_at	11155	*LDB3*	-0.881	-1.842
216259_at	---	---	-0.881	-1.842
207043_s_at	6536	*SLC6A9*	-0.881	-1.842
219058_x_at	64129	*TINAGL1*	-0.882	-1.843
203589_s_at	7029	*TFDP2*	-0.882	-1.843
210245_at	6833	*ABCC8*	-0.882	-1.843
216922_x_at	1617	*DAZ1*	-0.882	-1.843
AFFX-r2-P1-cre-3_at	---	---	-0.882	-1.843
221440_s_at	10741	*RBBP9*	-0.882	-1.843
208013_s_at	56	*ACRV1*	-0.883	-1.844
216127_at	64714	*PDIA2*	-0.883	-1.844
209915_s_at	9378	*NRXN1*	-0.883	-1.845
214814_at	91746	*YTHDC1*	-0.884	-1.846
207954_at	2624	*GATA2*	-0.885	-1.846
221321_s_at	30819	*KCNIP2*	-0.885	-1.846
203915_at	4283	*CXCL9*	-0.885	-1.846
206346_at	5618	*PRLR*	-0.885	-1.846
204923_at	54440	*SASH3*	-0.885	-1.847
AFFX-BioDn-3_at	---	---	-0.885	-1.847
209975_at	1571	*CYP2E1*	-0.885	-1.847
214925_s_at	6709	*SPTAN1*	-0.885	-1.847
220217_x_at	64663	*SPANXC*	-0.885	-1.847
217274_x_at	4635	*MYL4*	-0.885	-1.847
210004_at	4973	*OLR1*	-0.885	-1.847
220759_at	64184	*FAM12B*	-0.886	-1.847
221280_s_at	56288	*PARD3*	-0.886	-1.848
206450_at	1621	*DBH*	-0.886	-1.848
222153_at	50804	*MYEF2*	-0.886	-1.848
208181_at	8365	*HIST1H4H*	-0.886	-1.848
221015_s_at	81602	*CDADC1*	-0.886	-1.848
213436_at	1268	*CNR1*	-0.886	-1.848
219969_at	55787	*CXorf15*	-0.887	-1.849
215755_at	---	---	-0.887	-1.849
213403_at	84804	*MFSD9*	-0.887	-1.849
205986_at	9625	*AATK*	-0.887	-1.850
210889_s_at	2213	*FCGR2B*	-0.887	-1.850

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216970_at	6000	*RGS7*	-0.887	-1.850
214723_x_at	375248	*ANKRD36*	-0.887	-1.850
37793_r_at	5892	*RAD51L3*	-0.888	-1.850
219140_s_at	5950	*RBP4*	-0.888	-1.850
219082_at	51005	*AMDHD2*	-0.888	-1.851
216849_at	---	---	-0.889	-1.852
207883_s_at	7036	*TFR2*	-0.889	-1.852
222087_at	5820	*PVT1*	-0.889	-1.852
216046_at	---	---	-0.890	-1.853
220451_s_at	79444	*BIRC7*	-0.890	-1.853
215886_x_at	219333	*USP12*	-0.890	-1.853
214796_at	57604	*C8orf79*	-0.890	-1.853
203260_at	51020	*HDDC2*	-0.891	-1.854
220808_at	51298	*THEG*	-0.891	-1.854
206651_s_at	1361	*CPB2*	-0.891	-1.854
211364_at	4507	*MTAP*	-0.891	-1.854
216545_at	---	---	-0.891	-1.854
205439_at	2953	*GSTT2*	-0.891	-1.855
217688_at	---	---	-0.891	-1.855
211734_s_at	2205	*FCER1A*	-0.891	-1.855
203402_at	8514	*KCNAB2*	-0.891	-1.855
204761_at	9712	*USP6NL*	-0.892	-1.855
207203_s_at	8856	*NR1I2*	-0.892	-1.855
207461_at	---	---	-0.892	-1.855
216058_s_at	1557	*CYP2C19*	-0.892	-1.855
215658_at	---	---	-0.892	-1.856
210072_at	6363	*CCL19*	-0.892	-1.856
206112_at	56311	*ANKRD7*	-0.892	-1.856
206973_at	8499	*PPFIA2*	-0.892	-1.856
206314_at	55888	*ZNF167*	-0.893	-1.856
215503_at	10816	*SPINT3*	-0.893	-1.857
221329_at	23538	*OR52A1*	-0.893	-1.857
221756_at	113791	*PIK3IP1*	-0.893	-1.857
214135_at	51208	*CLDN18*	-0.893	-1.857
214785_at	23230	*VPS13A*	-0.894	-1.858
211414_at	2744	*GLS*	-0.894	-1.858
205871_at	285189	*PLGLA*	-0.894	-1.858
207534_at	4112	*MAGEB1*	-0.894	-1.858
204588_s_at	9056	*SLC7A7*	-0.894	-1.859
221003_s_at	81617	*CAB39L*	-0.895	-1.859
396_f_at	2057	*EPOR*	-0.895	-1.859
211900_x_at	923	*CD6*	-0.895	-1.860
214098_at	23285	*KIAA1107*	-0.895	-1.860
208337_s_at	2494	*NR5A2*	-0.895	-1.860
211679_x_at	9568	*GABBR2*	-0.896	-1.860
214950_at	3581	*IL9R*	-0.896	-1.861
217664_at	---	---	-0.896	-1.861
216588_at	6129	*RPL7*	-0.897	-1.862

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
217547_x_at	171392	*ZNF675*	-0.897	-1.862
208218_s_at	91	*ACVR1B*	-0.897	-1.862
204260_at	1114	*CHGB*	-0.897	-1.863
212598_at	23001	*WDFY3*	-0.897	-1.863
204529_s_at	9760	*TOX*	-0.898	-1.863
221683_s_at	80184	*CEP290*	-0.898	-1.863
215729_s_at	51442	*VGLL1*	-0.898	-1.864
202851_at	79719	*AAGAB*	-0.898	-1.864
220496_at	51266	*CLEC1B*	-0.898	-1.864
216778_s_at	1538	*CYLC1*	-0.898	-1.864
215234_at	---	---	-0.898	-1.864
203280_at	9667	*SAFB2*	-0.899	-1.864
217030_at	---	---	-0.899	-1.864
213683_at	23305	*ACSL6*	-0.899	-1.864
216612_x_at	---	---	-0.899	-1.865
211478_s_at	1803	*DPP4*	-0.899	-1.865
215724_at	5337	*PLD1*	-0.899	-1.865
206073_at	8292	*COLQ*	-0.899	-1.865
215246_at	51574	*LARP7*	-0.900	-1.866
210481_s_at	10332	*CLEC4M*	-0.900	-1.866
207995_s_at	10332	*CLEC4M*	-0.900	-1.866
209765_at	8728	*ADAM19*	-0.900	-1.866
204945_at	5798	*PTPRN*	-0.901	-1.867
207205_at	1089	*CEACAM4*	-0.901	-1.868
204705_x_at	229	*ALDOB*	-0.901	-1.868
217622_at	25807	*RHBDD3*	-0.902	-1.868
222090_at	100134713	*LOC100134713*	-0.902	-1.868
205471_s_at	1602	*DACH1*	-0.902	-1.869
206337_at	1236	*CCR7*	-0.902	-1.869
220062_s_at	51438	*MAGEC2*	-0.902	-1.869
220531_at	---	---	-0.903	-1.870
211172_x_at	9465	*AKAP7*	-0.903	-1.870
221974_at	3653	*IPW*	-0.903	-1.870
210239_at	10265	*IRX5*	-0.903	-1.870
206734_at	8690	*JRKL*	-0.904	-1.871
219207_at	80153	*EDC3*	-0.904	-1.871
221223_x_at	1154	*CISH*	-0.904	-1.871
221696_s_at	55359	*STYK1*	-0.904	-1.872
220606_s_at	56985	*C17orf48*	-0.904	-1.872
215272_at	4968	*OGG1*	-0.904	-1.872
214254_at	4103	*MAGEA4*	-0.904	-1.872
215551_at	2099	*ESR1*	-0.904	-1.872
204208_at	8732	*RNGTT*	-0.904	-1.872
206154_at	6017	*RLBP1*	-0.904	-1.872
207240_s_at	3973	*LHCGR*	-0.905	-1.872
213276_at	816	*CAMK2B*	-0.905	-1.873
203681_at	3712	*IVD*	-0.905	-1.873
220197_at	50617	*ATP6V0A4*	-0.905	-1.873

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216436_at	30849	*PIK3R4*	-0.905	-1.873
211088_s_at	10733	*PLK4*	-0.906	-1.874
216838_at	92249	*LOC92249*	-0.906	-1.874
205437_at	10520	*ZNF211*	-0.906	-1.874
203036_s_at	9788	*MTSS1*	-0.906	-1.874
211798_x_at	28831	*IGLJ3*	-0.906	-1.874
210795_s_at	100130955	*LOC100130955*	-0.906	-1.874
214232_at	---	---	-0.907	-1.875
216879_at	27251	*HR44*	-0.907	-1.875
207237_at	3738	*KCNA3*	-0.907	-1.875
AFFX-BioC-5_at	---	---	-0.907	-1.875
215328_at	22979	*EFR3B*	-0.907	-1.875
204720_s_at	9829	*DNAJC6*	-0.907	-1.875
207400_at	4889	*NPY5R*	-0.907	-1.876
204435_at	9818	*NUPL1*	-0.908	-1.876
216211_at	---	---	-0.908	-1.877
221304_at	54658	*UGT1A1*	-0.909	-1.877
219359_at	80162	*ATHL1*	-0.909	-1.877
204015_s_at	1846	*DUSP4*	-0.909	-1.877
215481_s_at	5830	*PEX5*	-0.909	-1.877
215634_at	---	---	-0.909	-1.877
213954_at	26049	*FAM169A*	-0.909	-1.878
220698_at	79160	*MGC4294*	-0.909	-1.878
207599_at	9313	*MMP20*	-0.909	-1.878
213060_s_at	1117	*CHI3L2*	-0.909	-1.878
206202_at	4223	*MEOX2*	-0.909	-1.878
210923_at	6512	*SLC1A7*	-0.909	-1.878
207185_at	6554	*SLC10A1*	-0.910	-1.879
212853_at	23142	*DCUN1D4*	-0.910	-1.879
213231_at	1762	*DMWD*	-0.910	-1.879
221990_at	7849	*PAX8*	-0.910	-1.879
207418_s_at	8528	*DDO*	-0.910	-1.879
221433_at	26291	*FGF21*	-0.910	-1.880
207089_at	4892	*NRAP*	-0.911	-1.880
207533_at	6346	*CCL1*	-0.911	-1.880
219584_at	51365	*PLA1A*	-0.911	-1.880
208168_s_at	1118	*CHIT1*	-0.911	-1.880
222172_at	64067	*NPAS3*	-0.911	-1.881
215433_at	23333	*DPY19L1*	-0.911	-1.881
211403_x_at	51480	*VCX2*	-0.912	-1.881
221137_at	---	---	-0.912	-1.881
215769_at	6964	*TRD@*	-0.912	-1.882
217384_x_at	28442	*IGHV3-23*	-0.912	-1.882
215194_at	5578	*PRKCA*	-0.912	-1.882
201918_at	55186	*SLC25A36*	-0.912	-1.882
216170_at	---	---	-0.913	-1.883
213058_at	23331	*TTC28*	-0.913	-1.883
215237_at	23348	*DOCK9*	-0.913	-1.883

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
206637_at	9934	*P2RY14*	-0.913	-1.883
220082_at	54866	*PPP1R14D*	-0.913	-1.883
205773_at	22849	*CPEB3*	-0.914	-1.884
204044_at	23475	*QPRT*	-0.914	-1.884
216501_at	55697	*VAC14*	-0.914	-1.884
221382_at	---	---	-0.914	-1.884
220437_at	55908	*LOC55908*	-0.914	-1.884
208477_at	3746	*KCNC1*	-0.914	-1.884
216025_x_at	1559	*CYP2C9*	-0.914	-1.885
207343_at	57151	*LYZL6*	-0.914	-1.885
221166_at	8074	*FGF23*	-0.914	-1.885
208191_x_at	5672	*PSG4*	-0.914	-1.885
207294_at	186	*AGTR2*	-0.915	-1.885
218609_s_at	318	*NUDT2*	-0.915	-1.885
222284_at	---	---	-0.915	-1.886
213965_s_at	26038	*CHD5*	-0.915	-1.886
205291_at	3560	*IL2RB*	-0.915	-1.886
208023_at	7293	*TNFRSF4*	-0.916	-1.886
211740_at	3382	*ICA1*	-0.916	-1.886
214803_at	---	---	-0.916	-1.887
217275_at	23617	*TSSK2*	-0.916	-1.887
214416_at	---	---	-0.916	-1.887
214348_at	6865	*TACR2*	-0.916	-1.887
212061_at	23350	*SR140*	-0.917	-1.888
214799_at	23114	*NFASC*	-0.917	-1.888
210274_at	4107	*MAGEA8*	-0.917	-1.888
204364_s_at	65055	*REEP1*	-0.917	-1.888
210331_at	23072	*HECW1*	-0.918	-1.889
208042_at	55109	*AGGF1*	-0.918	-1.889
218413_s_at	51193	*ZNF639*	-0.918	-1.889
216887_s_at	11155	*LDB3*	-0.918	-1.890
215875_at	---	---	-0.918	-1.890
215217_at	3514	*IGKC*	-0.918	-1.890
214417_s_at	26998	*FETUB*	-0.918	-1.890
210039_s_at	5588	*PRKCQ*	-0.918	-1.890
215998_at	---	---	-0.918	-1.890
211396_at	9103	*FCGR2C*	-0.919	-1.890
220083_x_at	51377	*UCHL5*	-0.919	-1.890
209540_at	3479	*IGF1*	-0.919	-1.891
216149_at	147172	*LRRC37B2*	-0.919	-1.891
206176_at	654	*BMP6*	-0.919	-1.891
204931_at	6943	*TCF21*	-0.920	-1.892
215660_s_at	23139	*MAST2*	-0.920	-1.893
208099_x_at	23093	*TTLL5*	-0.920	-1.893
204357_s_at	3984	*LIMK1*	-0.921	-1.893
221186_at	100131532	*LOC100131532*	-0.921	-1.893
AFFX-CreX-5_at	---	---	-0.921	-1.893
204581_at	933	*CD22*	-0.921	-1.894

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
215762_at	---	---	-0.921	-1.894
217511_at	81621	*KAZALD1*	-0.922	-1.894
208544_at	151	*ADRA2B*	-0.922	-1.895
206443_at	6096	*RORB*	-0.922	-1.895
217265_at	51090	*PLLP*	-0.922	-1.895
214767_s_at	126393	*HSPB6*	-0.922	-1.895
208507_at	26658	*OR7C2*	-0.922	-1.895
206586_at	1269	*CNR2*	-0.923	-1.896
217340_at	6144	*RPL21*	-0.923	-1.896
219112_at	51735	*RAPGEF6*	-0.923	-1.896
210112_at	3257	*HPS1*	-0.923	-1.896
220945_x_at	54682	*MANSC1*	-0.923	-1.896
221402_at	4992	*OR1F1*	-0.924	-1.897
216474_x_at	7177	*TPSAB1*	-0.924	-1.897
209919_x_at	2678	*GGT1*	-0.924	-1.898
215621_s_at	3495	*IGHD*	-0.924	-1.898
220412_x_at	10089	*KCNK7*	-0.925	-1.898
221674_s_at	8646	*CHRD*	-0.925	-1.898
206911_at	7706	*TRIM25*	-0.925	-1.899
217375_at	---	---	-0.925	-1.899
215128_at	---	---	-0.925	-1.899
206776_x_at	56	*ACRV1*	-0.926	-1.900
214474_at	5565	*PRKAB2*	-0.926	-1.900
204890_s_at	3932	*LCK*	-0.926	-1.900
207093_s_at	4974	*OMG*	-0.926	-1.900
207276_at	1038	*CDR1*	-0.926	-1.900
36566_at	1497	*CTNS*	-0.926	-1.901
211516_at	3568	*IL5RA*	-0.927	-1.901
215612_at	---	---	-0.927	-1.901
216364_s_at	2334	*AFF2*	-0.927	-1.901
215738_at	---	---	-0.927	-1.901
202411_at	3429	*IFI27*	-0.927	-1.901
216375_s_at	2119	*ETV5*	-0.927	-1.902
211506_s_at	3576	*IL8*	-0.927	-1.902
219227_at	79616	*CCNJL*	-0.927	-1.902
206967_at	904	*CCNT1*	-0.928	-1.902
217535_at	51571	*FAM49B*	-0.928	-1.903
213425_at	7474	*WNT5A*	-0.928	-1.903
220584_at	80164	*FLJ22184*	-0.929	-1.904
210853_at	11280	*SCN11A*	-0.929	-1.904
208126_s_at	1562	*CYP2C18*	-0.929	-1.904
221173_at	10083	*USH1C*	-0.929	-1.904
206508_at	970	*CD70*	-0.930	-1.905
206844_at	8789	*FBP2*	-0.930	-1.905
211347_at	8555	*CDC14B*	-0.930	-1.905
207389_at	2811	*GP1BA*	-0.930	-1.905
214977_at	---	---	-0.930	-1.905
210736_x_at	1837	*DTNA*	-0.930	-1.905

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216767_at	---	---	-0.931	-1.906
205023_at	5888	*RAD51*	-0.931	-1.906
222124_at	64344	*HIF3A*	-0.931	-1.906
220518_at	25890	*ABI3BP*	-0.931	-1.907
206085_s_at	1491	*CTH*	-0.931	-1.907
210195_s_at	5669	*PSG1*	-0.932	-1.907
220290_at	55057	*AIM1L*	-0.932	-1.908
205879_x_at	5979	*RET*	-0.932	-1.908
208439_s_at	2220	*FCN2*	-0.933	-1.909
207393_at	3062	*HCRTR2*	-0.933	-1.909
213809_x_at	6929	*TCF3*	-0.933	-1.910
211479_s_at	3358	*HTR2C*	-0.933	-1.910
216574_s_at	729020	*hCG_2024410*	-0.933	-1.910
210394_x_at	6759	*SSX4*	-0.934	-1.910
202834_at	183	*AGT*	-0.934	-1.910
207772_s_at	56341	*PRMT8*	-0.934	-1.910
203539_s_at	---	---	-0.934	-1.911
210670_at	5539	*PPY*	-0.934	-1.911
216049_at	22836	*RHOBTB3*	-0.934	-1.911
216798_at	84200	*FLJ23519*	-0.934	-1.911
205865_at	1820	*ARID3A*	-0.935	-1.911
207278_s_at	30835	*CD209*	-0.935	-1.911
214966_at	2901	*GRIK5*	-0.935	-1.912
213537_at	3113	*HLA-DPA1*	-0.935	-1.912
209546_s_at	8542	*APOL1*	-0.935	-1.912
216405_at	---	---	-0.935	-1.912
207703_at	22829	*NLGN4Y*	-0.936	-1.913
211531_x_at	5542	*PRB1*	-0.936	-1.913
207661_s_at	9644	*SH3PXD2A*	-0.936	-1.913
33579_i_at	8484	*GALR3*	-0.937	-1.915
220398_at	79158	*GNPTAB*	-0.937	-1.915
205708_s_at	7226	*TRPM2*	-0.937	-1.915
216476_at	442381	*LOC442381*	-0.937	-1.915
211917_s_at	5618	*PRLR*	-0.938	-1.915
215226_at	23086	*EXPH5*	-0.938	-1.915
218906_x_at	64837	*KLC2*	-0.938	-1.915
215627_at	---	---	-0.938	-1.916
210909_x_at	80350	*LPAL2*	-0.939	-1.917
222188_at	51531	*C9orf156*	-0.939	-1.917
209942_x_at	4102	*MAGEA3*	-0.939	-1.917
210030_at	---	---	-0.939	-1.917
203130_s_at	3800	*KIF5C*	-0.939	-1.917
210739_x_at	8671	*SLC4A4*	-0.939	-1.917
207366_at	3787	*KCNS1*	-0.940	-1.918
220203_at	353500	*BMP8A*	-0.940	-1.918
219667_s_at	55024	*BANK1*	-0.940	-1.919
220489_s_at	---	---	-0.940	-1.919
208593_x_at	1394	*CRHR1*	-0.941	-1.919

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
207853_s_at	6620	*SNCB*	-0.941	-1.919
222187_x_at	10146	*G3BP1*	-0.941	-1.920
219878_s_at	51621	*KLF13*	-0.941	-1.920
221421_s_at	81792	*ADAMTS12*	-0.941	-1.920
210787_s_at	10645	*CAMKK2*	-0.941	-1.920
219656_at	51294	*PCDH12*	-0.942	-1.921
222293_at	199731	*CADM4*	-0.942	-1.922
208251_at	3749	*KCNC4*	-0.943	-1.922
222051_s_at	1875	*E2F5*	-0.943	-1.923
214160_at	---	---	-0.943	-1.923
222283_at	147657	*ZNF480*	-0.943	-1.923
214635_at	9080	*CLDN9*	-0.943	-1.923
219903_s_at	1558	*CYP2C8*	-0.943	-1.923
221358_at	2832	*NPBWR2*	-0.943	-1.923
AFFX-BioB-M_at	---	---	-0.943	-1.923
207973_x_at	56	*ACRV1*	-0.944	-1.924
205151_s_at	9865	*TRIL*	-0.945	-1.925
212477_at	23527	*ACAP2*	-0.945	-1.925
211748_x_at	5730	*PTGDS*	-0.945	-1.926
204174_at	241	*ALOX5AP*	-0.945	-1.926
222150_s_at	54103	*PION*	-0.945	-1.926
213270_at	4355	*MPP2*	-0.945	-1.926
219246_s_at	79676	*OGFOD2*	-0.946	-1.926
216845_x_at	8085	*MLL2*	-0.946	-1.926
206005_s_at	22832	*KIAA1009*	-0.946	-1.926
217486_s_at	23390	*ZDHHC17*	-0.946	-1.927
205814_at	2913	*GRM3*	-0.946	-1.927
210392_x_at	2649	*NR6A1*	-0.947	-1.928
209594_x_at	5678	*PSG9*	-0.947	-1.928
206515_at	4051	*CYP4F3*	-0.947	-1.929
220145_at	79884	*MAP9*	-0.948	-1.929
216799_at	---	---	-0.948	-1.929
206884_s_at	8796	*SCEL*	-0.948	-1.930
214226_at	339105	*POL3S*	-0.949	-1.930
206395_at	1608	*DGKG*	-0.949	-1.930
213856_at	961	*CD47*	-0.949	-1.931
216021_s_at	8001	*GLRA3*	-0.949	-1.931
207634_at	5133	*PDCD1*	-0.949	-1.931
220356_at	10699	*CORIN*	-0.949	-1.931
211642_at	83695	*C12orf32*	-0.949	-1.931
219026_s_at	9462	*RASAL2*	-0.951	-1.933
214567_s_at	6375	*XCL1*	-0.951	-1.933
221805_at	4747	*NEFL*	-0.951	-1.933
211442_x_at	64816	*CYP3A43*	-0.951	-1.933
220991_s_at	140545	*RNF32*	-0.951	-1.933
216376_x_at	---	---	-0.951	-1.933
212187_x_at	5730	*PTGDS*	-0.952	-1.934
203041_s_at	3920	*LAMP2*	-0.952	-1.934

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
217521_at	---	---	-0.952	-1.934
215393_s_at	22837	*COBLL1*	-0.952	-1.934
220223_at	79915	*ATAD5*	-0.952	-1.934
204935_at	5771	*PTPN2*	-0.952	-1.935
214059_at	10561	*IFI44*	-0.952	-1.935
205982_x_at	6440	*SFTPC*	-0.952	-1.935
204164_at	6494	*SIPA1*	-0.952	-1.935
214367_at	10235	*RASGRP2*	-0.953	-1.935
216157_at	---	---	-0.953	-1.936
205602_x_at	5676	*PSG7*	-0.953	-1.936
206317_s_at	11194	*ABCB8*	-0.953	-1.936
203101_s_at	4247	*MGAT2*	-0.953	-1.936
216721_at	253512	*SLC25A30*	-0.953	-1.936
222381_at	10016	*PDCD6*	-0.954	-1.937
207569_at	6098	*ROS1*	-0.954	-1.938
216916_s_at	9228	*DLGAP2*	-0.954	-1.938
202434_s_at	1545	*CYP1B1*	-0.954	-1.938
205648_at	7472	*WNT2*	-0.955	-1.938
216280_s_at	23405	*DICER1*	-0.955	-1.939
220249_at	23553	*HYAL4*	-0.955	-1.939
207238_s_at	5788	*PTPRC*	-0.956	-1.939
221104_s_at	55335	*NIPSNAP3B*	-0.956	-1.939
212930_at	490	*ATP2B1*	-0.956	-1.940
214907_at	90273	*CEACAM21*	-0.956	-1.940
206283_s_at	6886	*TAL1*	-0.957	-1.941
215286_s_at	57157	*PHTF2*	-0.957	-1.941
206907_at	8744	*TNFSF9*	-0.957	-1.941
215153_at	9722	*NOS1AP*	-0.957	-1.941
220150_s_at	79632	*FAM184A*	-0.957	-1.942
209776_s_at	6573	*SLC19A1*	-0.958	-1.942
206520_x_at	946	*SIGLEC6*	-0.958	-1.942
217207_s_at	10917	*BTNL3*	-0.958	-1.942
202986_at	9915	*ARNT2*	-0.958	-1.942
219554_at	51458	*RHCG*	-0.958	-1.943
216930_at	6927	*HNF1A*	-0.958	-1.943
220222_at	55472	*C8orf39*	-0.958	-1.943
206698_at	7504	*XK*	-0.958	-1.943
205054_at	4703	*NEB*	-0.958	-1.943
217005_at	3949	*LDLR*	-0.958	-1.943
209072_at	4155	*MBP*	-0.959	-1.943
217270_s_at	9149	*DYRK1B*	-0.959	-1.944
219626_at	79649	*MAP7D3*	-0.959	-1.944
211325_x_at	171220	*LOC171220*	-0.959	-1.944
206072_at	7349	*UCN*	-0.959	-1.944
222247_at	57825	*DXS542*	-0.960	-1.945
214781_at	---	---	-0.960	-1.945
207259_at	55018	*C17orf73*	-0.960	-1.945
201495_x_at	4629	*MYH11*	-0.960	-1.946

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
213949_s_at	83475	*DOHH*	-0.961	-1.947
215725_at	25786	*DGCR11*	-0.961	-1.947
205861_at	6689	*SPIB*	-0.961	-1.947
217504_at	23460	*ABCA6*	-0.961	-1.947
212851_at	23142	*DCUN1D4*	-0.961	-1.947
215825_at	---	---	-0.962	-1.947
210309_at	9400	*RECQL5*	-0.962	-1.948
214646_at	8356	*HIST1H3J*	-0.962	-1.948
203283_s_at	9653	*HS2ST1*	-0.962	-1.948
222181_at	4848	*CNOT2*	-0.962	-1.948
202448_s_at	10444	*ZER1*	-0.963	-1.949
217209_at	1084	*CEACAM3*	-0.963	-1.949
206772_at	5746	*PTH2R*	-0.963	-1.950
214470_at	3820	*KLRB1*	-0.963	-1.950
206215_at	4978	*OPCML*	-0.964	-1.950
215810_x_at	---	---	-0.964	-1.951
217323_at	3128	*HLA-DRB6*	-0.965	-1.951
211250_s_at	6452	*SH3BP2*	-0.965	-1.952
208054_at	26091	*HERC4*	-0.965	-1.952
204445_s_at	240	*ALOX5*	-0.965	-1.952
220519_s_at	3982	*LIM2*	-0.966	-1.953
206839_at	25770	*C22orf31*	-0.966	-1.953
220717_at	80070	*ADAMTS20*	-0.966	-1.953
220214_at	7762	*ZNF215*	-0.966	-1.954
206879_s_at	9542	*NRG2*	-0.966	-1.954
AFFX-r2-Ec-bioB-M_at	---	---	-0.967	-1.954
214166_at	6390	*SDHB*	-0.967	-1.955
222167_at	---	---	-0.967	-1.955
213290_at	1292	*COL6A2*	-0.967	-1.955
221388_at	8383	*OR1A1*	-0.967	-1.955
36920_at	4534	*MTM1*	-0.968	-1.955
205934_at	5334	*PLCL1*	-0.968	-1.956
208045_at	---	---	-0.968	-1.956
203215_s_at	4646	*MYO6*	-0.968	-1.956
207423_s_at	8748	*ADAM20*	-0.968	-1.956
221372_s_at	22953	*P2RX2*	-0.968	-1.956
216217_at	23228	*PLCL2*	-0.968	-1.956
220277_at	80319	*CXXC4*	-0.969	-1.957
205150_s_at	9865	*TRIL*	-0.969	-1.957
208465_at	2912	*GRM2*	-0.969	-1.958
221625_at	---	---	-0.969	-1.958
214019_at	---	---	-0.971	-1.960
210198_s_at	5354	*PLP1*	-0.971	-1.961
206343_s_at	3084	*NRG1*	-0.971	-1.961
221154_at	57093	*TRIM49*	-0.971	-1.961
220615_s_at	55711	*FAR2*	-0.971	-1.961
219605_at	7551	*ZNF3*	-0.972	-1.961
217378_x_at	100130100	*LOC100130100*	-0.972	-1.961

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
217335_at	55338	*FLJ11292*	-0.972	-1.961
207273_at	---	---	-0.972	-1.961
216871_at	---	---	-0.972	-1.961
221089_at	50508	*NOX3*	-0.972	-1.962
215479_at	---	---	-0.972	-1.962
222300_at	---	---	-0.972	-1.962
209374_s_at	3507	*IGHM*	-0.972	-1.962
210192_at	10396	*ATP8A1*	-0.972	-1.962
214087_s_at	4604	*MYBPC1*	-0.973	-1.962
213362_at	5789	*PTPRD*	-0.973	-1.963
220863_at	4284	*MIP*	-0.973	-1.963
215374_at	10914	*PAPOLA*	-0.973	-1.963
205601_s_at	3215	*HOXB5*	-0.974	-1.964
215355_at	25833	*POU2F3*	-0.974	-1.964
210228_at	1437	*CSF2*	-0.974	-1.964
220021_at	79905	*TMC7*	-0.974	-1.965
215500_at	92017	*SNX29*	-0.974	-1.965
216718_at	388699	*C1orf46*	-0.974	-1.965
215502_at	---	---	-0.974	-1.965
210365_at	861	*RUNX1*	-0.974	-1.965
221162_at	10086	*HHLA1*	-0.974	-1.965
220805_at	3274	*HRH2*	-0.975	-1.965
202872_at	528	*ATP6V1C1*	-0.975	-1.965
205488_at	3001	*GZMA*	-0.975	-1.966
214560_at	2359	*FPR3*	-0.975	-1.966
AFFX-r2-Bs-phe-3_at	---	---	-0.975	-1.966
211462_s_at	90665	*TBL1Y*	-0.976	-1.966
216365_x_at	3535	*IGL@*	-0.976	-1.966
208508_s_at	26707	*OR2J2*	-0.976	-1.967
221458_at	3355	*HTR1F*	-0.976	-1.967
215829_at	22941	*SHANK2*	-0.976	-1.967
217480_x_at	100287723	*LOC100287723*	-0.976	-1.967
204432_at	6666	*SOX12*	-0.976	-1.968
216660_at	4648	*MYO7B*	-0.977	-1.968
215487_x_at	728882	*FAM182B*	-0.977	-1.968
210990_s_at	3910	*LAMA4*	-0.977	-1.968
204782_at	---	---	-0.977	-1.968
208260_at	553	*AVPR1B*	-0.977	-1.969
208299_at	8911	*CACNA1I*	-0.977	-1.969
215229_at	100129973	*LOC100129973*	-0.977	-1.969
207019_s_at	8852	*AKAP4*	-0.977	-1.969
216302_at	3183	*HNRNPC*	-0.977	-1.969
207236_at	25850	*ZNF345*	-0.978	-1.969
213559_s_at	168544	*ZNF467*	-0.978	-1.969
206022_at	4693	*NDP*	-0.978	-1.969
207523_at	10665	*C6orf10*	-0.978	-1.970
205475_at	11341	*SCRG1*	-0.978	-1.970
216959_x_at	4897	*NRCAM*	-0.978	-1.970

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
219764_at	11211	*FZD10*	-0.979	-1.971
220032_at	79974	*C7orf58*	-0.980	-1.972
207944_at	4951	*OCM2*	-0.980	-1.973
219908_at	27123	*DKK2*	-0.980	-1.973
204631_at	4620	*MYH2*	-0.980	-1.973
215876_at	---	---	-0.980	-1.973
220932_at	---	---	-0.981	-1.974
207342_at	1258	*CNGB1*	-0.981	-1.974
211138_s_at	8564	*KMO*	-0.982	-1.975
208273_at	57116	*ZNF695*	-0.982	-1.975
215351_at	8634	*RTCD1*	-0.982	-1.975
220790_s_at	64232	*MS4A5*	-0.982	-1.975
217075_x_at	9757	*MLL4*	-0.982	-1.976
206248_at	5581	*PRKCE*	-0.983	-1.976
217060_at	100293532	*LOC100293532*	-0.983	-1.977
216576_x_at	50802	*IGK@*	-0.983	-1.977
216213_at	4750	*NEK1*	-0.983	-1.977
219839_x_at	27004	*TCL6*	-0.984	-1.978
207962_at	11131	*CAPN11*	-0.984	-1.978
207033_at	2694	*GIF*	-0.984	-1.978
216047_x_at	23544	*SEZ6L*	-0.984	-1.978
221709_s_at	55778	*ZNF839*	-0.984	-1.978
204763_s_at	2775	*GNAO1*	-0.985	-1.979
216788_at	---	---	-0.985	-1.979
211835_at	3514	*IGKC*	-0.985	-1.980
219352_at	55008	*HERC6*	-0.985	-1.980
205755_at	3699	*ITIH3*	-0.986	-1.980
213569_at	23357	*ANGEL1*	-0.986	-1.980
207068_at	7539	*ZFP37*	-0.986	-1.980
208566_at	100131509	*LOC100131509*	-0.986	-1.981
216730_at	---	---	-0.986	-1.981
200835_s_at	4134	*MAP4*	-0.987	-1.982
206950_at	6335	*SCN9A*	-0.987	-1.982
211690_at	6194	*RPS6*	-0.987	-1.982
204642_at	1901	*S1PR1*	-0.987	-1.982
AFFX-BioB-5_at	---	---	-0.987	-1.982
215681_at	85368	*KIAA1654*	-0.987	-1.982
217639_at	---	---	-0.987	-1.982
220809_at	---	---	-0.988	-1.983
211237_s_at	2264	*FGFR4*	-0.988	-1.983
220884_at	---	---	-0.988	-1.983
214199_at	6441	*SFTPD*	-0.988	-1.983
211416_x_at	92086	*GGTLC1*	-0.988	-1.984
211773_s_at	80317	*ZKSCAN3*	-0.989	-1.984
202287_s_at	4070	*TACSTD2*	-0.989	-1.985
222038_s_at	51096	*UTP18*	-0.989	-1.985
220791_x_at	11280	*SCN11A*	-0.989	-1.985
211494_s_at	8671	*SLC4A4*	-0.989	-1.985

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
219608_s_at	81545	*FBXO38*	-0.990	-1.986
211214_s_at	1612	*DAPK1*	-0.990	-1.986
205747_at	869	*CBLN1*	-0.990	-1.986
221374_at	8823	*FGF16*	-0.990	-1.986
220303_at	79849	*PDZD3*	-0.991	-1.987
37004_at	6439	*SFTPB*	-0.991	-1.987
216200_at	9842	*PLEKHM1*	-0.991	-1.988
204836_at	2731	*GLDC*	-0.991	-1.988
216917_s_at	6847	*SYCP1*	-0.991	-1.988
206185_at	1414	*CRYBB1*	-0.992	-1.988
206906_at	7087	*ICAM5*	-0.992	-1.989
221325_at	56659	*KCNK13*	-0.992	-1.990
216418_at	215	*ABCD1*	-0.993	-1.990
219779_at	79776	*ZFHX4*	-0.993	-1.990
212700_x_at	100291232	*LOC100291232*	-0.993	-1.990
216172_at	---	---	-0.993	-1.990
208169_s_at	5733	*PTGER3*	-0.993	-1.991
207329_at	4317	*MMP8*	-0.994	-1.991
215571_at	---	---	-0.994	-1.991
206398_s_at	930	*CD19*	-0.994	-1.992
214250_at	4926	*NUMA1*	-0.994	-1.992
221973_at	---	---	-0.994	-1.992
217404_s_at	1280	*COL2A1*	-0.995	-1.992
211089_s_at	4752	*NEK3*	-0.995	-1.993
207386_at	9420	*CYP7B1*	-0.995	-1.993
222246_at	---	---	-0.996	-1.994
207815_at	5197	*PF4V1*	-0.996	-1.994
204995_at	8851	*CDK5R1*	-0.996	-1.995
216391_s_at	57626	*KLHL1*	-0.997	-1.995
208133_at	5981	*RFC1*	-0.997	-1.996
219720_s_at	55668	*C14orf118*	-0.997	-1.996
216829_at	50802	*IGK@*	-0.997	-1.996
216638_s_at	5618	*PRLR*	-0.997	-1.996
208035_at	2916	*GRM6*	-0.997	-1.996
206691_s_at	64714	*PDIA2*	-0.998	-1.997
214839_at	157627	*LOC157627*	-0.998	-1.997
217263_x_at	861	*RUNX1*	-0.998	-1.997
206129_s_at	411	*ARSB*	-0.999	-1.999
206268_at	10637	*LEFTY1*	-1.000	-2.000
206668_s_at	9522	*SCAMP1*	-1.000	-2.000
208285_at	26659	*OR7A5*	-1.000	-2.000
211001_at	23650	*TRIM29*	-1.000	-2.000
211532_x_at	100132285	*KIR2DS2*	-1.000	-2.000
214337_at	1314	*COPA*	-1.000	-2.000
214554_at	8332	*HIST1H2AL*	-1.000	-2.000
215216_at	64601	*VPS16*	-1.000	-2.000
216314_at	167	*CRISP1*	-1.000	-2.000
216441_at	---	---	-1.000	-2.000

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216785_at	---	---	-1.000	-2.000
217689_at	5770	*PTPN1*	-1.000	-2.000
207134_x_at	64499	*TPSB2*	-1.000	-2.000
212801_at	11113	*CIT*	-1.001	-2.001
215277_at	5097	*PCDH1*	-1.001	-2.001
214202_at	---	---	-1.001	-2.001
219535_at	30811	*HUNK*	-1.001	-2.002
217342_x_at	55338	*FLJ11292*	-1.001	-2.002
213433_at	403	*ARL3*	-1.002	-2.002
213888_s_at	80342	*TRAF3IP3*	-1.002	-2.002
206068_s_at	33	*ACADL*	-1.002	-2.003
215508_at	699	*BUB1*	-1.003	-2.004
208423_s_at	4481	*MSR1*	-1.003	-2.004
207408_at	9389	*SLC22A14*	-1.004	-2.005
203770_s_at	412	*STS*	-1.004	-2.005
206618_at	8809	*IL18R1*	-1.004	-2.006
217319_x_at	284541	*CYP4A22*	-1.004	-2.006
205290_s_at	650	*BMP2*	-1.004	-2.006
220513_at	100129128	*RP11-257K9.7*	-1.005	-2.007
204010_s_at	3845	*KRAS*	-1.005	-2.007
216014_s_at	7789	*ZXDA*	-1.005	-2.007
210515_at	6927	*HNF1A*	-1.006	-2.008
220435_at	55532	*SLC30A10*	-1.006	-2.008
215150_at	55432	*YOD1*	-1.006	-2.008
211753_s_at	6013	*RLN1*	-1.006	-2.009
210204_s_at	4850	*CNOT4*	-1.007	-2.009
213210_at	10629	*TAF6L*	-1.007	-2.010
AFFX-r2-Bs-thr-M_s_at	---	---	-1.007	-2.010
213841_at	---	---	-1.007	-2.010
221144_at	---	---	-1.008	-2.011
206945_at	3938	*LCT*	-1.008	-2.011
216467_s_at	---	---	-1.008	-2.011
209604_s_at	2625	*GATA3*	-1.009	-2.012
210755_at	3082	*HGF*	-1.009	-2.012
220019_s_at	7767	*ZNF224*	-1.009	-2.013
217575_s_at	6655	*SOS2*	-1.009	-2.013
215212_at	---	---	-1.009	-2.013
221152_at	1295	*COL8A1*	-1.009	-2.013
208135_at	6928	*HNF1B*	-1.010	-2.013
208470_s_at	3240	*HP*	-1.010	-2.014
220181_x_at	64924	*SLC30A5*	-1.010	-2.014
204121_at	10912	*GADD45G*	-1.010	-2.014
208200_at	3552	*IL1A*	-1.010	-2.014
203849_s_at	547	*KIF1A*	-1.011	-2.015
213642_at	---	---	-1.011	-2.015
219950_s_at	26230	*TIAM2*	-1.011	-2.016
205476_at	6364	*CCL20*	-1.011	-2.016
219344_at	55315	*SLC29A3*	-1.012	-2.017

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
208100_x_at	10500	*SEMA6C*	-1.012	-2.017
214342_at	222255	*ATXN7L1*	-1.013	-2.018
207155_at	6910	*TBX5*	-1.013	-2.018
210796_x_at	946	*SIGLEC6*	-1.013	-2.018
216636_at	---	---	-1.014	-2.020
206794_at	2066	*ERBB4*	-1.015	-2.020
217138_x_at	3535	*IGL@*	-1.015	-2.021
201741_x_at	6426	*SFRS1*	-1.015	-2.021
220449_at	79015	*MGC5566*	-1.016	-2.022
206190_at	2840	*GPR17*	-1.016	-2.023
216854_at	10220	*GDF11*	-1.016	-2.023
208254_at	---	---	-1.017	-2.024
220087_at	53630	*BCMO1*	-1.017	-2.024
216056_at	960	*CD44*	-1.018	-2.025
222234_s_at	79007	*DBNDD1*	-1.018	-2.025
204852_s_at	5778	*PTPN7*	-1.019	-2.026
210330_at	6444	*SGCD*	-1.019	-2.026
211046_at	81033	*KCNH6*	-1.019	-2.026
213951_s_at	29893	*PSMC3IP*	-1.020	-2.028
214376_at	---	---	-1.020	-2.028
216584_at	---	---	-1.020	-2.028
219845_at	56033	*BARX1*	-1.020	-2.028
214972_at	10724	*MGEA5*	-1.020	-2.028
206964_at	51471	*NAT8B*	-1.021	-2.029
215703_at	1080	*CFTR*	-1.021	-2.029
221465_at	8590	*OR6A2*	-1.021	-2.029
209242_at	5178	*PEG3*	-1.021	-2.029
41469_at	5266	*PI3*	-1.021	-2.030
37860_at	26152	*ZNF337*	-1.021	-2.030
222121_at	26084	*SGEF*	-1.021	-2.030
211274_at	6899	*TBX1*	-1.022	-2.031
216995_x_at	23609	*MKRN2*	-1.022	-2.031
201205_at	100287025	*LOC100292328*	-1.023	-2.033
214070_s_at	23120	*ATP10B*	-1.024	-2.033
213222_at	23236	*PLCB1*	-1.024	-2.033
207652_s_at	1240	*CMKLR1*	-1.024	-2.034
219567_s_at	64789	*DEM1*	-1.024	-2.034
206597_at	4901	*NRL*	-1.025	-2.034
207950_s_at	288	*ANK3*	-1.025	-2.035
207450_s_at	11281	*POU6F2*	-1.025	-2.035
222350_at	---	---	-1.025	-2.035
210837_s_at	5144	*PDE4D*	-1.025	-2.036
213277_at	677	*ZFP36L1*	-1.026	-2.036
220313_at	54112	*GPR88*	-1.026	-2.037
37022_at	5549	*PRELP*	-1.027	-2.037
216964_at	23326	*USP22*	-1.027	-2.038
217441_at	23032	*USP33*	-1.027	-2.038
208497_x_at	4762	*NEUROG1*	-1.027	-2.038

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
211617_at	228	*ALDOAP2*	-1.027	-2.038
214308_s_at	3081	*HGD*	-1.028	-2.039
217127_at	1491	*CTH*	-1.028	-2.039
219894_at	54551	*MAGEL2*	-1.028	-2.040
204491_at	5144	*PDE4D*	-1.028	-2.040
215688_at	5923	*RASGRF1*	-1.028	-2.040
215554_at	2822	*GPLD1*	-1.029	-2.041
205152_at	6529	*SLC6A1*	-1.029	-2.041
216894_x_at	1028	*CDKN1C*	-1.030	-2.041
211831_s_at	7066	*THPO*	-1.030	-2.042
208344_x_at	3439	*IFNA1*	-1.030	-2.042
218207_s_at	50861	*STMN3*	-1.030	-2.042
208545_x_at	6874	*TAF4*	-1.030	-2.043
207858_s_at	5313	*PKLR*	-1.031	-2.043
214597_at	6752	*SSTR2*	-1.031	-2.043
220365_at	55821	*ALLC*	-1.031	-2.043
222166_at	79095	*C9orf16*	-1.031	-2.043
214419_s_at	1559	*CYP2C9*	-1.031	-2.043
216497_at	3178	*HNRNPA1*	-1.031	-2.043
211677_x_at	57863	*CADM3*	-1.031	-2.043
207531_at	1420	*CRYGC*	-1.032	-2.044
206804_at	917	*CD3G*	-1.032	-2.045
216834_at	5996	*RGS1*	-1.032	-2.045
219524_s_at	79133	*C20orf7*	-1.032	-2.045
217484_at	1378	*CR1*	-1.033	-2.046
210467_x_at	4111	*MAGEA12*	-1.033	-2.047
218793_s_at	6322	*SCML1*	-1.033	-2.047
206727_at	735	*C9*	-1.034	-2.047
214768_x_at	9917	*FAM20B*	-1.034	-2.048
220876_at	---	---	-1.034	-2.048
217040_x_at	6665	*SOX15*	-1.035	-2.049
220278_at	55693	*KDM4D*	-1.035	-2.049
217405_x_at	2822	*GPLD1*	-1.035	-2.049
208261_x_at	3446	*IFNA10*	-1.035	-2.050
207284_s_at	444	*ASPH*	-1.036	-2.050
214208_at	283212	*KLHL35*	-1.036	-2.050
213765_at	8076	*MFAP5*	-1.036	-2.051
209791_at	11240	*PADI2*	-1.036	-2.051
206415_at	7092	*TLL1*	-1.036	-2.051
216546_s_at	1116	*CHI3L1*	-1.036	-2.051
215486_at	221823	*PRPS1L1*	-1.037	-2.051
207919_at	417	*ART1*	-1.037	-2.052
217464_at	---	---	-1.037	-2.052
216522_at	26212	*OR2B6*	-1.037	-2.052
206843_at	1413	*CRYBA4*	-1.037	-2.053
213823_at	3207	*HOXA11*	-1.038	-2.053
208081_s_at	79973	*ZNF442*	-1.038	-2.053
211700_s_at	7216	*TRO*	-1.038	-2.053

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
208057_s_at	2736	*GLI2*	-1.038	-2.053
217219_at	26102	*LOC26102*	-1.038	-2.053
78330_at	63925	*ZNF335*	-1.038	-2.054
205833_s_at	25859	*PART1*	-1.039	-2.055
221397_at	50839	*TAS2R10*	-1.039	-2.055
217576_x_at	6655	*SOS2*	-1.039	-2.055
206426_at	2315	*MLANA*	-1.039	-2.055
214572_s_at	3640	*INSL3*	-1.040	-2.056
209782_s_at	1628	*DBP*	-1.040	-2.057
214595_at	3755	*KCNG1*	-1.040	-2.057
209519_at	4686	*NCBP1*	-1.041	-2.058
201451_x_at	6009	*RHEB*	-1.041	-2.058
214957_at	81569	*ACTL8*	-1.042	-2.059
207226_at	8341	*HIST1H2BN*	-1.042	-2.060
220861_at	---	---	-1.043	-2.060
215105_at	116828	*CG030*	-1.043	-2.061
216728_at	---	---	-1.043	-2.061
208360_s_at	---	---	-1.044	-2.061
202966_at	827	*CAPN6*	-1.044	-2.062
216238_s_at	2244	*FGB*	-1.044	-2.062
210729_at	4887	*NPY2R*	-1.044	-2.062
216975_x_at	4861	*NPAS1*	-1.044	-2.062
207379_at	10085	*EDIL3*	-1.044	-2.063
205929_at	10223	*GPA33*	-1.045	-2.063
215573_at	847	*CAT*	-1.045	-2.063
213177_at	23162	*MAPK8IP3*	-1.045	-2.064
210728_s_at	796	*CALCA*	-1.045	-2.064
204974_at	5864	*RAB3A*	-1.045	-2.064
207195_at	27255	*CNTN6*	-1.046	-2.064
209169_at	2824	*GPM6B*	-1.046	-2.065
210801_at	27292	*DIMT1L*	-1.046	-2.065
210118_s_at	3552	*IL1A*	-1.046	-2.065
215710_at	6484	*ST3GAL4*	-1.047	-2.066
205509_at	1360	*CPB1*	-1.047	-2.066
219728_at	9499	*MYOT*	-1.047	-2.067
214386_at	3166	*HMX1*	-1.047	-2.067
209660_at	7276	*TTR*	-1.048	-2.067
60084_at	1540	*CYLD*	-1.048	-2.067
205357_s_at	185	*AGTR1*	-1.048	-2.067
214640_at	54346	*UNC93A*	-1.048	-2.067
221592_at	11138	*TBC1D8*	-1.048	-2.068
221119_at	54848	*FLJ20184*	-1.048	-2.068
214468_at	4624	*MYH6*	-1.048	-2.068
207951_at	1447	*CSN2*	-1.048	-2.068
212562_s_at	1522	*CTSZ*	-1.049	-2.069
208354_s_at	6559	*SLC12A3*	-1.049	-2.069
220180_at	80323	*CCDC68*	-1.049	-2.069
208215_x_at	1815	*DRD4*	-1.050	-2.070

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
215943_at	85375	*KIAA1661*	-1.050	-2.071
210537_s_at	6871	*TADA2L*	-1.050	-2.071
203518_at	1130	*LYST*	-1.052	-2.073
203541_s_at	687	*KLF9*	-1.052	-2.073
221236_s_at	81551	*STMN4*	-1.052	-2.073
207716_at	8687	*KRT38*	-1.052	-2.073
204192_at	951	*CD37*	-1.052	-2.074
205948_at	11122	*PTPRT*	-1.052	-2.074
214157_at	2778	*GNAS*	-1.053	-2.074
209795_at	969	*CD69*	-1.053	-2.075
211682_x_at	54490	*UGT2B28*	-1.053	-2.075
220700_at	---	---	-1.053	-2.075
211491_at	148	*ADRA1A*	-1.054	-2.076
207608_x_at	1544	*CYP1A2*	-1.055	-2.077
205647_at	5893	*RAD52*	-1.055	-2.078
207457_s_at	58530	*LY6G6D*	-1.055	-2.078
215590_x_at	100128640	*LOC100128640*	-1.056	-2.079
214396_s_at	8932	*MBD2*	-1.056	-2.079
220282_at	79608	*RIC3*	-1.056	-2.079
AFFX-r2-Ec-bioC-3_at	---	---	-1.056	-2.079
205825_at	5122	*PCSK1*	-1.056	-2.079
209957_s_at	4878	*NPPA*	-1.056	-2.079
202859_x_at	3576	*IL8*	-1.056	-2.079
203872_at	58	*ACTA1*	-1.056	-2.079
209588_at	2048	*EPHB2*	-1.056	-2.080
214189_s_at	100288178	*LOC100288178*	-1.057	-2.080
203878_s_at	4320	*MMP11*	-1.057	-2.081
220963_s_at	79363	*C1orf89*	-1.057	-2.081
208400_at	2740	*GLP1R*	-1.058	-2.082
206742_at	2277	*FIGF*	-1.058	-2.082
209245_s_at	10749	*KIF1C*	-1.058	-2.082
204611_s_at	5526	*PPP2R5B*	-1.058	-2.083
208235_x_at	100008586	*GAGE12F*	-1.059	-2.083
221170_at	59340	*HRH4*	-1.059	-2.083
206208_at	762	*CA4*	-1.059	-2.084
216089_at	90411	*MCFD2*	-1.060	-2.084
221198_at	6343	*SCT*	-1.060	-2.085
220237_at	64422	*ATG3*	-1.060	-2.085
222365_at	---	---	-1.060	-2.086
213903_s_at	9125	*RQCD1*	-1.061	-2.086
216625_at	---	---	-1.061	-2.086
217180_at	---	---	-1.061	-2.087
216700_at	7204	*TRIO*	-1.062	-2.087
220622_at	79782	*LRRC31*	-1.062	-2.087
217242_at	7710	*ZNF154*	-1.062	-2.088
210414_at	23769	*FLRT1*	-1.063	-2.089
214846_s_at	57538	*ALPK3*	-1.063	-2.089
217228_s_at	51666	*ASB4*	-1.063	-2.089

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
206816_s_at	26206	*SPAG8*	-1.063	-2.089
220031_at	56957	*OTUD7B*	-1.063	-2.090
222332_at	---	---	-1.063	-2.090
208388_at	10002	*NR2E3*	-1.063	-2.090
219604_s_at	7551	*ZNF3*	-1.063	-2.090
207733_x_at	5678	*PSG9*	-1.064	-2.090
220428_at	50489	*CD207*	-1.064	-2.091
204475_at	4312	*MMP1*	-1.064	-2.091
214421_x_at	1559	*CYP2C9*	-1.065	-2.092
207014_at	2555	*GABRA2*	-1.065	-2.092
47530_at	51531	*C9orf156*	-1.065	-2.092
210894_s_at	11190	*CEP250*	-1.066	-2.093
209983_s_at	9379	*NRXN2*	-1.066	-2.094
214489_at	2488	*FSHB*	-1.067	-2.095
211879_x_at	56112	*PCDHGA3*	-1.067	-2.095
215801_at	---	---	-1.067	-2.095
206757_at	8654	*PDE5A*	-1.068	-2.096
209988_s_at	429	*ASCL1*	-1.068	-2.096
222055_at	51011	*FAHD2A*	-1.068	-2.096
206957_at	189	*AGXT*	-1.068	-2.097
214105_at	9021	*SOCS3*	-1.068	-2.097
207575_at	342096	*GOLGA6*	-1.069	-2.097
211741_x_at	5671	*PSG3*	-1.069	-2.098
216702_x_at	---	---	-1.069	-2.098
204961_s_at	653361	*NCF1*	-1.069	-2.098
219642_s_at	51555	*PEX5L*	-1.069	-2.098
220485_s_at	55423	*SIRPG*	-1.070	-2.100
213354_s_at	100287051	*LOC100287051*	-1.070	-2.100
220512_at	10395	*DLC1*	-1.070	-2.100
212759_s_at	6934	*TCF7L2*	-1.071	-2.100
207744_at	---	---	-1.071	-2.100
220898_at	---	---	-1.071	-2.100
214389_at	159963	*SLC5A12*	-1.071	-2.101
219191_s_at	51411	*BIN2*	-1.071	-2.101
220729_at	---	---	-1.072	-2.102
208177_at	6569	*SLC34A1*	-1.072	-2.102
217033_x_at	4916	*NTRK3*	-1.072	-2.102
215340_at	107	*ADCY1*	-1.072	-2.103
215142_at	25763	*CXorf27*	-1.072	-2.103
206880_at	9127	*P2RX6*	-1.072	-2.103
220133_at	54959	*ODAM*	-1.074	-2.105
204057_at	3394	*IRF8*	-1.074	-2.105
210656_at	8726	*EED*	-1.074	-2.105
208550_x_at	26251	*KCNG2*	-1.074	-2.105
211054_at	27130	*INVS*	-1.075	-2.107
216592_at	139081	*MAGEC3*	-1.075	-2.107
215607_x_at	---	---	-1.075	-2.107
221594_at	84060	*C7orf64*	-1.076	-2.108

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
210333_at	2516	*NR5A1*	-1.076	-2.108
216683_at	---	---	-1.077	-2.109
210082_at	24	*ABCA4*	-1.077	-2.109
214215_s_at	23185	*LARP5*	-1.077	-2.110
217179_x_at	---	---	-1.077	-2.110
211110_s_at	367	*AR*	-1.077	-2.110
204966_at	576	*BAI2*	-1.078	-2.110
202770_s_at	901	*CCNG2*	-1.078	-2.111
217296_at	3802	*KIR2DL1*	-1.078	-2.111
219949_at	79442	*LRRC2*	-1.078	-2.111
203741_s_at	113	*ADCY7*	-1.079	-2.112
216307_at	1607	*DGKB*	-1.079	-2.112
210884_s_at	653423	*SPAG11A*	-1.079	-2.112
211567_at	---	---	-1.079	-2.113
205069_s_at	23092	*ARHGAP26*	-1.079	-2.113
213984_at	23244	*PDS5A*	-1.080	-2.114
211660_at	5452	*POU2F2*	-1.080	-2.114
215962_at	---	---	-1.080	-2.115
215806_x_at	445347	*TARP*	-1.081	-2.115
216874_at	401014	*DKFZp686O1327*	-1.081	-2.115
220696_at	---	---	-1.081	-2.115
212425_at	9522	*SCAMP1*	-1.082	-2.116
206150_at	939	*CD27*	-1.082	-2.116
205279_s_at	2743	*GLRB*	-1.082	-2.117
220195_at	55777	*MBD5*	-1.082	-2.118
211817_s_at	3762	*KCNJ5*	-1.083	-2.118
212272_at	23175	*LPIN1*	-1.083	-2.119
210753_s_at	2047	*EPHB1*	-1.083	-2.119
217418_x_at	931	*MS4A1*	-1.083	-2.119
215756_at	730227	*LOC730227*	-1.084	-2.119
221124_s_at	30813	*VSX1*	-1.084	-2.120
215477_at	---	---	-1.084	-2.120
221369_at	4543	*MTNR1A*	-1.084	-2.121
207972_at	2741	*GLRA1*	-1.084	-2.121
214084_x_at	100289727	*LOC100289727*	-1.085	-2.121
214319_at	10129	*FRY*	-1.085	-2.122
217654_at	---	---	-1.085	-2.122
208329_at	59351	*PBOV1*	-1.085	-2.122
211093_at	5146	*PDE6C*	-1.086	-2.122
215664_s_at	2044	*EPHA5*	-1.086	-2.123
221001_at	63969	*C15orf49*	-1.086	-2.123
220637_at	79843	*FAM124B*	-1.086	-2.123
211627_x_at	2099	*ESR1*	-1.086	-2.123
219761_at	51267	*CLEC1A*	-1.086	-2.123
216070_at	---	---	-1.087	-2.124
214302_x_at	57165	*GJC2*	-1.087	-2.124
210271_at	4761	*NEUROD2*	-1.087	-2.124
209738_x_at	5675	*PSG6*	-1.087	-2.124

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
211796_s_at	28639	*TRBC1*	-1.087	-2.124
211428_at	5265	*SERPINA1*	-1.088	-2.125
215114_at	26168	*SENP3*	-1.089	-2.127
208463_at	2557	*GABRA4*	-1.089	-2.127
205890_s_at	2550	*GABBR1*	-1.089	-2.128
220322_at	56300	*IL1F9*	-1.090	-2.128
214945_at	285596	*FAM153A*	-1.090	-2.129
207175_at	9370	*ADIPOQ*	-1.091	-2.130
207653_at	2306	*FOXD2*	-1.091	-2.130
208256_at	1943	*EFNA2*	-1.091	-2.131
212873_at	23526	*HMHA1*	-1.092	-2.131
216051_x_at	---	---	-1.092	-2.131
214582_at	5140	*PDE3B*	-1.092	-2.131
206021_at	54581	*SCAND2*	-1.092	-2.132
207591_s_at	8289	*ARID1A*	-1.092	-2.132
216186_at	---	---	-1.092	-2.132
219574_at	---	*40238*	-1.093	-2.132
215513_at	57061	*HYMAI*	-1.093	-2.133
206642_at	1828	*DSG1*	-1.093	-2.133
206674_at	2322	*FLT3*	-1.093	-2.134
213873_at	131566	*DCBLD2*	-1.093	-2.134
217598_at	---	---	-1.093	-2.134
206826_at	5375	*PMP2*	-1.094	-2.134
209840_s_at	54674	*LRRN3*	-1.094	-2.135
217160_at	7258	*TSPY1*	-1.094	-2.135
220886_at	55879	*GABRQ*	-1.094	-2.135
214520_at	2303	*FOXC2*	-1.095	-2.135
212746_s_at	9859	*CEP170*	-1.095	-2.136
210029_at	3620	*IDO1*	-1.095	-2.136
220646_s_at	51348	*KLRF1*	-1.095	-2.136
208004_at	58503	*PROL1*	-1.095	-2.136
219370_at	56475	*RPRM*	-1.095	-2.137
207969_x_at	56	*ACRV1*	-1.095	-2.137
219701_at	29767	*TMOD2*	-1.096	-2.137
220535_at	55138	*FAM90A1*	-1.096	-2.137
202714_s_at	9692	*KIAA0391*	-1.096	-2.138
219840_s_at	27004	*TCL6*	-1.096	-2.138
216098_s_at	3363	*HTR7*	-1.097	-2.139
221343_at	26531	*OR11A1*	-1.097	-2.139
203461_at	1106	*CHD2*	-1.097	-2.139
208558_at	26539	*OR10H1*	-1.097	-2.140
206212_at	1358	*CPA2*	-1.098	-2.140
216233_at	9332	*CD163*	-1.098	-2.140
202508_s_at	6616	*SNAP25*	-1.098	-2.140
217417_at	4644	*MYO5A*	-1.098	-2.141
219780_at	51333	*ZNF771*	-1.099	-2.141
222285_at	3495	*IGHD*	-1.099	-2.142
209843_s_at	6663	*SOX10*	-1.099	-2.142

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
220024_s_at	57716	*PRX*	-1.099	-2.143
209766_at	10935	*PRDX3*	-1.099	-2.143
214420_s_at	1559	*CYP2C9*	-1.100	-2.143
221097_s_at	10242	*KCNMB2*	-1.100	-2.143
215819_s_at	6006	*RHCE*	-1.100	-2.143
215787_at	59	*ACTA2*	-1.100	-2.144
210698_at	---	---	-1.101	-2.145
206244_at	1378	*CR1*	-1.101	-2.145
206969_at	3885	*KRT34*	-1.102	-2.146
217583_at	5053	*PAH*	-1.102	-2.147
205578_at	4920	*ROR2*	-1.102	-2.147
211589_at	5371	*PML*	-1.102	-2.147
207478_at	---	---	-1.103	-2.148
207221_at	9002	*F2RL3*	-1.103	-2.148
211457_at	23766	*GABARAPL3*	-1.103	-2.149
205082_s_at	316	*AOX1*	-1.104	-2.149
203441_s_at	1000	*CDH2*	-1.104	-2.149
215240_at	3690	*ITGB3*	-1.104	-2.149
222063_s_at	1040	*CDS1*	-1.104	-2.149
221982_x_at	8270	*LAGE3*	-1.104	-2.149
217259_at	---	---	-1.104	-2.150
217566_s_at	7047	*TGM4*	-1.104	-2.150
206318_at	57119	*SPINLW1*	-1.105	-2.151
216869_at	5137	*PDE1C*	-1.105	-2.151
207316_at	3036	*HAS1*	-1.105	-2.151
211264_at	2572	*GAD2*	-1.106	-2.152
206196_s_at	10900	*RUNDC3A*	-1.106	-2.152
215244_at	26220	*DGCR5*	-1.106	-2.152
221165_s_at	50616	*IL22*	-1.106	-2.153
207530_s_at	1030	*CDKN2B*	-1.107	-2.153
216901_s_at	10320	*IKZF1*	-1.107	-2.153
216760_at	54979	*HRASLS2*	-1.107	-2.153
215746_at	---	---	-1.107	-2.154
216464_x_at	11251	*GPR44*	-1.107	-2.154
220179_at	64180	*DPEP3*	-1.107	-2.154
205855_at	10168	*ZNF197*	-1.107	-2.154
208528_x_at	6758	*SSX5*	-1.107	-2.155
206887_at	1238	*CCBP2*	-1.108	-2.155
207894_s_at	27004	*TCL6*	-1.108	-2.156
215870_s_at	5322	*PLA2G5*	-1.108	-2.156
AFFX-r2-Ec-bioC-5_at	---	---	-1.109	-2.157
207384_at	8993	*PGLYRP1*	-1.109	-2.157
206361_at	11251	*GPR44*	-1.109	-2.157
215065_at	23133	*PHF8*	-1.110	-2.158
218772_x_at	55151	*TMEM38B*	-1.110	-2.158
213835_x_at	84705	*GTPBP3*	-1.110	-2.159
208521_at	10798	*OR5I1*	-1.110	-2.159
207419_s_at	5880	*RAC2*	-1.110	-2.159

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205179_s_at	101	*ADAM8*	-1.111	-2.159
209921_at	23657	*SLC7A11*	-1.111	-2.160
214423_x_at	229	*ALDOB*	-1.111	-2.160
210464_at	26138	*C8orf71*	-1.112	-2.162
208496_x_at	8355	*HIST1H3G*	-1.112	-2.162
217038_at	---	---	-1.112	-2.162
220243_at	29068	*ZBTB44*	-1.113	-2.162
207741_x_at	7177	*TPSAB1*	-1.113	-2.162
206489_s_at	9229	*DLGAP1*	-1.113	-2.163
214397_at	8932	*MBD2*	-1.113	-2.163
220077_at	79879	*CCDC134*	-1.113	-2.163
219181_at	9388	*LIPG*	-1.114	-2.164
208443_x_at	6474	*SHOX2*	-1.114	-2.164
221914_at	6853	*SYN1*	-1.114	-2.165
217634_at	6840	*SVIL*	-1.114	-2.165
217495_x_at	796	*CALCA*	-1.115	-2.165
221178_at	80115	*BAIAP2L2*	-1.115	-2.166
203965_at	10868	*USP20*	-1.115	-2.166
207961_x_at	4629	*MYH11*	-1.115	-2.166
205719_s_at	5053	*PAH*	-1.115	-2.167
208108_s_at	554	*AVPR2*	-1.115	-2.167
220922_s_at	30014	*SPANXA1*	-1.115	-2.167
221095_s_at	9992	*KCNE2*	-1.115	-2.167
214230_at	998	*CDC42*	-1.116	-2.168
206939_at	1630	*DCC*	-1.116	-2.168
207061_at	2081	*ERN1*	-1.117	-2.168
216715_at	---	---	-1.117	-2.169
220756_s_at	55065	*GPR172B*	-1.118	-2.170
206697_s_at	3240	*HP*	-1.118	-2.171
206181_at	6504	*SLAMF1*	-1.118	-2.171
208471_at	3250	*HPR*	-1.118	-2.171
211121_s_at	1796	*DOK1*	-1.119	-2.171
220423_at	26279	*PLA2G2D*	-1.119	-2.171
215410_at	100132832	*LOC100132832*	-1.119	-2.172
210922_at	---	---	-1.120	-2.173
209930_s_at	4778	*NFE2*	-1.120	-2.174
210578_at	10107	*TRIM10*	-1.121	-2.175
207632_at	4593	*MUSK*	-1.121	-2.175
214852_x_at	23230	*VPS13A*	-1.121	-2.175
206718_at	4004	*LMO1*	-1.121	-2.175
206309_at	11061	*LECT1*	-1.122	-2.176
221038_at	---	---	-1.122	-2.176
207455_at	5028	*P2RY1*	-1.122	-2.177
220995_at	29091	*STXBP6*	-1.123	-2.177
211304_x_at	3762	*KCNJ5*	-1.123	-2.178
215976_at	---	---	-1.123	-2.179
213834_at	440073	*IQSEC3*	-1.123	-2.179
206594_at	23178	*PASK*	-1.124	-2.180

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205710_at	4036	*LRP2*	-1.124	-2.180
213387_at	54454	*ATAD2B*	-1.124	-2.180
206382_s_at	627	*BDNF*	-1.124	-2.180
219671_at	51440	*HPCAL4*	-1.124	-2.180
206622_at	7200	*TRH*	-1.125	-2.180
209521_s_at	154796	*AMOT*	-1.125	-2.181
220132_s_at	29121	*CLEC2D*	-1.125	-2.181
207794_at	1231	*CCR2*	-1.126	-2.182
219387_at	55704	*CCDC88A*	-1.126	-2.183
220554_at	10864	*SLC22A7*	-1.128	-2.186
203819_s_at	10643	*IGF2BP3*	-1.128	-2.186
219057_at	79874	*RABEP2*	-1.128	-2.186
207712_at	574	*BAGE*	-1.129	-2.187
207991_x_at	56	*ACRV1*	-1.129	-2.187
216136_at	---	---	-1.131	-2.190
210730_s_at	4887	*NPY2R*	-1.131	-2.190
220915_s_at	---	---	-1.132	-2.192
221392_at	50832	*TAS2R4*	-1.133	-2.193
218870_at	55843	*ARHGAP15*	-1.133	-2.194
207682_s_at	3834	*KIF25*	-1.134	-2.195
204742_s_at	23047	*PDS5B*	-1.135	-2.195
208437_at	1180	*CLCN1*	-1.135	-2.196
210704_at	9637	*FEZ2*	-1.135	-2.196
215041_s_at	23348	*DOCK9*	-1.135	-2.196
210498_at	1213	*CLTC*	-1.135	-2.196
208586_s_at	6759	*SSX4*	-1.135	-2.196
210660_at	11024	*LILRA1*	-1.135	-2.196
214842_s_at	---	---	-1.135	-2.196
217585_at	10529	*NEBL*	-1.135	-2.196
214108_at	4149	*MAX*	-1.135	-2.197
219851_at	79898	*ZNF613*	-1.135	-2.197
211776_s_at	23136	*EPB41L3*	-1.135	-2.197
215168_at	10440	*TIMM17A*	-1.136	-2.197
207491_at	80168	*MOGAT2*	-1.136	-2.197
210085_s_at	8416	*ANXA9*	-1.136	-2.198
217217_at	3492	*IGH@*	-1.136	-2.198
206321_at	5989	*RFX1*	-1.136	-2.198
205630_at	1392	*CRH*	-1.137	-2.199
207779_at	---	---	-1.138	-2.200
215027_at	10411	*RAPGEF3*	-1.138	-2.200
216752_at	30849	*PIK3R4*	-1.138	-2.200
219277_s_at	55753	*OGDHL*	-1.138	-2.200
204534_at	7448	*VTN*	-1.138	-2.200
217361_at	---	---	-1.138	-2.201
217052_x_at	---	---	-1.138	-2.201
207042_at	1870	*E2F2*	-1.139	-2.202
204006_s_at	2214	*FCGR3A*	-1.139	-2.203
204733_at	5653	*KLK6*	-1.139	-2.203

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205636_at	6457	*SH3GL3*	-1.140	-2.203
36030_at	25900	*IFFO1*	-1.140	-2.204
205013_s_at	135	*ADORA2A*	-1.141	-2.205
205334_at	6271	*S100A1*	-1.141	-2.206
210037_s_at	4843	*NOS2*	-1.142	-2.207
211701_s_at	7216	*TRO*	-1.142	-2.207
202977_s_at	58487	*CREBZF*	-1.142	-2.207
220068_at	29802	*VPREB3*	-1.142	-2.207
216797_at	---	---	-1.142	-2.207
206529_x_at	5172	*SLC26A4*	-1.142	-2.208
207861_at	6367	*CCL22*	-1.143	-2.208
220151_at	55150	*C19orf73*	-1.143	-2.208
208379_x_at	4887	*NPY2R*	-1.143	-2.208
221784_at	58525	*WIZ*	-1.143	-2.208
216458_at	130814	*PQLC3*	-1.143	-2.209
207665_at	8747	*ADAM21*	-1.143	-2.209
219533_at	1028	*CDKN1C*	-1.144	-2.209
213350_at	6205	*RPS11*	-1.144	-2.210
213865_at	131566	*DCBLD2*	-1.144	-2.210
214184_at	8620	*NPFF*	-1.144	-2.210
207870_at	10142	*AKAP9*	-1.144	-2.211
210066_s_at	361	*AQP4*	-1.145	-2.212
211186_s_at	22848	*AAK1*	-1.145	-2.212
216815_at	---	---	-1.145	-2.212
210319_x_at	4488	*MSX2*	-1.145	-2.212
217563_at	9575	*CLOCK*	-1.145	-2.212
210400_at	2905	*GRIN2C*	-1.146	-2.213
203495_at	9684	*LRRC14*	-1.146	-2.213
206713_at	22854	*NTNG1*	-1.147	-2.214
207751_at	---	---	-1.147	-2.214
219736_at	55521	*TRIM36*	-1.147	-2.214
210381_s_at	887	*CCKBR*	-1.147	-2.215
219921_s_at	80005	*DOCK5*	-1.148	-2.217
217214_s_at	6530	*SLC6A2*	-1.149	-2.217
221467_at	4160	*MC4R*	-1.149	-2.217
210140_at	8530	*CST7*	-1.150	-2.219
205451_at	4303	*FOXO4*	-1.150	-2.219
214825_at	728215	*FAM155A*	-1.150	-2.220
215166_at	22997	*IGSF9B*	-1.150	-2.220
216956_s_at	3674	*ITGA2B*	-1.151	-2.220
221598_s_at	9442	*MED27*	-1.151	-2.220
212976_at	23507	*LRRC8B*	-1.151	-2.221
222249_at	---	---	-1.151	-2.221
220670_at	---	---	-1.152	-2.222
207611_at	8340	*HIST1H2BL*	-1.152	-2.222
207982_at	3010	*HIST1H1T*	-1.152	-2.223
206225_at	22847	*ZNF507*	-1.152	-2.223
217192_s_at	639	*PRDM1*	-1.153	-2.223

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
208186_s_at	3991	*LIPE*	-1.153	-2.223
211267_at	8820	*HESX1*	-1.153	-2.224
205900_at	3848	*KRT1*	-1.154	-2.225
215060_at	---	---	-1.154	-2.226
220231_at	10842	*C7orf16*	-1.155	-2.227
214942_at	23029	*RBM34*	-1.155	-2.227
214277_at	1353	*COX11*	-1.155	-2.227
214049_x_at	924	*CD7*	-1.155	-2.228
206979_at	732	*C8B*	-1.155	-2.228
219578_s_at	64506	*CPEB1*	-1.156	-2.228
216451_at	11329	*STK38*	-1.156	-2.228
217181_at	---	---	-1.156	-2.229
220559_at	2019	*EN1*	-1.156	-2.229
217023_x_at	7177	*TPSAB1*	-1.156	-2.229
214371_at	23617	*TSSK2*	-1.157	-2.229
216770_at	---	---	-1.157	-2.230
221183_at	---	---	-1.157	-2.230
216622_at	22798	*LAMB4*	-1.157	-2.230
218690_at	8572	*PDLIM4*	-1.158	-2.232
213779_at	129080	*EMID1*	-1.158	-2.232
215848_at	49855	*SCAPER*	-1.158	-2.232
207105_s_at	5296	*PIK3R2*	-1.159	-2.232
201793_x_at	9887	*SMG7*	-1.159	-2.233
216465_at	---	---	-1.159	-2.233
221319_at	56128	*PCDHB8*	-1.160	-2.234
206568_at	7141	*TNP1*	-1.160	-2.235
220414_at	51806	*CALML5*	-1.160	-2.235
213907_at	9521	*EEF1E1*	-1.161	-2.236
211018_at	4047	*LSS*	-1.161	-2.236
216740_at	---	---	-1.162	-2.237
206500_s_at	55320	*C14orf106*	-1.162	-2.237
216368_s_at	1285	*COL4A3*	-1.162	-2.238
221995_s_at	---	---	-1.162	-2.238
214862_x_at	---	---	-1.163	-2.239
204058_at	4199	*ME1*	-1.163	-2.239
216469_at	100288765	*LOC100288765*	-1.165	-2.242
201372_s_at	8452	*CUL3*	-1.165	-2.242
216003_at	1352	*COX10*	-1.165	-2.242
216002_at	---	---	-1.165	-2.242
222226_at	6290	*SAA3P*	-1.165	-2.243
216146_at	---	---	-1.165	-2.243
221439_at	10741	*RBBP9*	-1.166	-2.243
217697_at	---	---	-1.166	-2.243
217065_at	6964	*TRD@*	-1.166	-2.243
213952_s_at	240	*ALOX5*	-1.166	-2.244
216624_s_at	4297	*MLL*	-1.166	-2.244
221577_x_at	9518	*GDF15*	-1.166	-2.244
211303_x_at	219595	*FOLH1B*	-1.166	-2.245

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
207315_at	10666	*CD226*	-1.167	-2.245
216443_at	---	---	-1.167	-2.245
215319_at	148229	*ATP8B3*	-1.167	-2.245
220224_at	54363	*HAO1*	-1.168	-2.247
215975_x_at	2710	*GK*	-1.168	-2.247
214974_x_at	6374	*CXCL5*	-1.168	-2.247
222009_at	752014	*CEMP1*	-1.168	-2.247
211421_s_at	5979	*RET*	-1.168	-2.247
216116_at	51517	*NCKIPSD*	-1.168	-2.247
214469_at	3012	*HIST1H2AE*	-1.168	-2.247
217085_at	---	---	-1.168	-2.247
210084_x_at	7177	*TPSAB1*	-1.168	-2.248
211164_at	2042	*EPHA3*	-1.169	-2.249
216676_x_at	115653	*KIR3DL3*	-1.169	-2.249
212743_at	25898	*RCHY1*	-1.169	-2.249
207242_s_at	2897	*GRIK1*	-1.170	-2.250
203435_s_at	4311	*MME*	-1.170	-2.250
214346_at	10882	*C1QL1*	-1.170	-2.250
208172_s_at	9312	*KCNB2*	-1.171	-2.251
205949_at	759	*CA1*	-1.171	-2.251
220814_at	---	---	-1.171	-2.252
216140_at	---	---	-1.171	-2.252
212679_at	26608	*TBL2*	-1.171	-2.252
220388_at	80307	*FER1L4*	-1.173	-2.254
221202_at	100293871	*LOC100293871*	-1.173	-2.254
220792_at	11107	*PRDM5*	-1.173	-2.255
206886_x_at	2688	*GH1*	-1.173	-2.255
221403_s_at	11172	*INSL6*	-1.173	-2.255
204421_s_at	2247	*FGF2*	-1.173	-2.255
207176_s_at	941	*CD80*	-1.174	-2.256
205391_x_at	286	*ANK1*	-1.174	-2.256
212843_at	4684	*NCAM1*	-1.175	-2.258
204051_s_at	6424	*SFRP4*	-1.176	-2.259
220474_at	89874	*SLC25A21*	-1.176	-2.259
AFFX-BioDn-5_at	---	---	-1.176	-2.259
217578_at	---	---	-1.176	-2.260
220376_at	64922	*LRRC19*	-1.176	-2.260
206543_at	6595	*SMARCA2*	-1.177	-2.261
213544_at	3622	*ING2*	-1.177	-2.261
204920_at	1373	*CPS1*	-1.177	-2.261
205696_s_at	2674	*GFRA1*	-1.177	-2.262
207286_at	9662	*CEP135*	-1.178	-2.262
211694_at	83942	*TSSK1B*	-1.178	-2.262
208231_at	3084	*NRG1*	-1.178	-2.262
203019_x_at	117178	*SSX2IP*	-1.178	-2.263
207589_at	147	*ADRA1B*	-1.179	-2.264
204241_at	8310	*ACOX3*	-1.179	-2.264
206664_at	6476	*SI*	-1.179	-2.265

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
203735_x_at	8496	*PPFIBP1*	-1.180	-2.266
221719_s_at	11178	*LZTS1*	-1.180	-2.266
222027_at	64710	*NUCKS1*	-1.180	-2.266
215036_at	---	---	-1.182	-2.268
208570_at	7471	*WNT1*	-1.182	-2.270
206259_at	5624	*PROC*	-1.183	-2.270
206984_s_at	6014	*RIT2*	-1.183	-2.270
220772_at	60467	*BPESC1*	-1.183	-2.270
207923_x_at	7849	*PAX8*	-1.183	-2.271
215795_at	57644	*MYH7B*	-1.183	-2.271
207102_at	6718	*AKR1D1*	-1.184	-2.271
205782_at	2252	*FGF7*	-1.184	-2.272
219732_at	54886	*RP11-35N6.1*	-1.184	-2.272
205720_at	5443	*POMC*	-1.184	-2.273
206296_x_at	11184	*MAP4K1*	-1.184	-2.273
219638_at	26263	*FBXO22*	-1.185	-2.273
220986_s_at	81789	*TIGD6*	-1.185	-2.274
219620_x_at	54863	*C9orf167*	-1.185	-2.274
203982_s_at	5826	*ABCD4*	-1.186	-2.275
217057_s_at	2778	*GNAS*	-1.186	-2.275
222020_s_at	50863	*NTM*	-1.186	-2.275
220421_at	79908	*BTNL8*	-1.186	-2.276
210462_at	8548	*BLZF1*	-1.187	-2.276
214217_at	2915	*GRM5*	-1.187	-2.277
210459_at	5710	*PSMD4*	-1.187	-2.277
205268_s_at	119	*ADD2*	-1.187	-2.277
213661_at	25891	*PAMR1*	-1.188	-2.278
220504_at	11081	*KERA*	-1.188	-2.278
220984_s_at	81796	*SLCO5A1*	-1.188	-2.279
208448_x_at	3449	*IFNA16*	-1.189	-2.279
214590_s_at	7321	*UBE2D1*	-1.189	-2.279
220250_at	57335	*ZNF286A*	-1.189	-2.280
216563_at	23253	*ANKRD12*	-1.189	-2.280
221371_at	8995	*TNFSF18*	-1.189	-2.280
207864_at	6332	*SCN7A*	-1.190	-2.281
220093_at	84168	*ANTXR1*	-1.190	-2.282
220988_s_at	23600	*AMACR*	-1.190	-2.282
210985_s_at	6672	*SP100*	-1.190	-2.282
211502_s_at	5218	*PFTK1*	-1.191	-2.283
214377_s_at	1506	*CTRL*	-1.191	-2.283
211339_s_at	3702	*ITK*	-1.191	-2.283
216723_at	---	---	-1.191	-2.283
204850_s_at	1641	*DCX*	-1.192	-2.284
219466_s_at	336	*APOA2*	-1.192	-2.284
206808_at	10151	*HNRNPA3P1*	-1.192	-2.285
205481_at	134	*ADORA1*	-1.193	-2.286
221308_at	10818	*FRS2*	-1.193	-2.286
220883_at	55478	*PRO2012*	-1.193	-2.286

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216214_at	---	---	-1.193	-2.287
215167_at	9282	*MED14*	-1.193	-2.287
207698_at	26238	*C6orf123*	-1.194	-2.288
204586_at	8927	*BSN*	-1.195	-2.289
209396_s_at	1116	*CHI3L1*	-1.195	-2.290
204918_s_at	4300	*MLLT3*	-1.196	-2.291
209602_s_at	2625	*GATA3*	-1.197	-2.293
216562_at	---	---	-1.197	-2.293
215778_x_at	100288496	*LOC100293596*	-1.197	-2.293
220424_at	7827	*NPHS2*	-1.198	-2.295
219576_at	79649	*MAP7D3*	-1.199	-2.295
215964_at	---	---	-1.199	-2.296
214236_at	996	*CDC27*	-1.200	-2.297
207313_x_at	3812	*KIR3DL2*	-1.200	-2.298
208121_s_at	5800	*PTPRO*	-1.201	-2.299
205484_at	27240	*SIT1*	-1.201	-2.299
203796_s_at	605	*BCL7A*	-1.202	-2.300
220874_at	---	---	-1.202	-2.301
202485_s_at	8932	*MBD2*	-1.203	-2.302
AFFX-r2-Hs18SrRNA-3_s_at	---	---	-1.203	-2.303
215334_at	22979	*EFR3B*	-1.204	-2.303
214278_s_at	57447	*NDRG2*	-1.204	-2.303
207218_at	2158	*F9*	-1.204	-2.304
214457_at	3199	*HOXA2*	-1.204	-2.304
213550_s_at	---	---	-1.205	-2.305
216611_s_at	6530	*SLC6A2*	-1.205	-2.306
220124_at	8139	*GAN*	-1.206	-2.307
220630_s_at	27159	*CHIA*	-1.207	-2.308
204229_at	57030	*SLC17A7*	-1.207	-2.309
214116_at	686	*BTD*	-1.207	-2.309
211839_s_at	1435	*MCSF*	-1.207	-2.309
220517_at	54832	*VPS13C*	-1.209	-2.311
221172_at	80099	*C7orf69*	-1.209	-2.311
206340_at	9971	*NR1H4*	-1.209	-2.312
214445_at	22936	*ELL2*	-1.209	-2.312
203691_at	5266	*PI3*	-1.210	-2.313
207084_at	5454	*POU3F2*	-1.210	-2.313
222205_x_at	728882	*FAM182B*	-1.210	-2.313
222136_x_at	7594	*ZNF43*	-1.210	-2.314
207649_at	8688	*KRT37*	-1.210	-2.314
206159_at	2662	*GDF10*	-1.211	-2.314
217325_at	3850	*KRT3*	-1.211	-2.314
216566_at	---	---	-1.211	-2.314
220380_at	58511	*DNASE2B*	-1.212	-2.316
207311_at	8447	*DOC2B*	-1.212	-2.316
204934_s_at	3249	*HPN*	-1.212	-2.316
216979_at	8013	*NR4A3*	-1.212	-2.316

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216148_at	---	---	-1.213	-2.318
206607_at	867	*CBL*	-1.213	-2.318
213071_at	1805	*DPT*	-1.213	-2.319
205683_x_at	7177	*TPSAB1*	-1.213	-2.319
216717_at	55578	*FAM48A*	-1.214	-2.319
205705_at	22852	*ANKRD26*	-1.214	-2.319
222002_at	79034	*C7orf26*	-1.214	-2.320
215349_at	643376	*hCG_1730474*	-1.215	-2.321
207793_s_at	2035	*EPB41*	-1.215	-2.322
209395_at	1116	*CHI3L1*	-1.215	-2.322
221033_s_at	56163	*RNF17*	-1.216	-2.322
205299_s_at	10385	*BTN2A2*	-1.216	-2.323
216536_at	26651	*OR7E19P*	-1.216	-2.324
206142_at	7694	*ZNF135*	-1.216	-2.324
215536_at	3120	*HLA-DQB2*	-1.218	-2.326
205699_at	5608	*MAP2K6*	-1.218	-2.326
207554_x_at	6915	*TBXA2R*	-1.218	-2.326
206512_at	7310	*ZRSR1*	-1.219	-2.328
219586_at	79726	*WDR59*	-1.219	-2.328
214586_at	2861	*GPR37*	-1.220	-2.329
207404_s_at	3354	*HTR1E*	-1.220	-2.330
203434_s_at	4311	*MME*	-1.221	-2.330
206079_at	1122	*CHML*	-1.221	-2.331
215018_at	85459	*KIAA1731*	-1.221	-2.331
47571_at	7776	*ZNF236*	-1.222	-2.332
204639_at	100	*ADA*	-1.222	-2.332
205901_at	5368	*PNOC*	-1.222	-2.333
214891_at	23014	*FBXO21*	-1.222	-2.333
205893_at	22871	*NLGN1*	-1.223	-2.334
208539_x_at	6701	*SPRR2B*	-1.223	-2.334
215853_at	---	---	-1.223	-2.335
206708_at	3344	*FOXN2*	-1.223	-2.335
206265_s_at	2822	*GPLD1*	-1.224	-2.336
205028_at	7216	*TRO*	-1.224	-2.336
204406_at	2321	*FLT1*	-1.224	-2.336
211842_s_at	9187	*SLC24A1*	-1.224	-2.336
217621_at	---	---	-1.225	-2.338
206192_at	1041	*CDSN*	-1.225	-2.338
214519_s_at	6019	*RLN2*	-1.225	-2.338
208038_at	8808	*IL1RL2*	-1.226	-2.339
215396_at	84059	*GPR98*	-1.226	-2.339
219689_at	56920	*SEMA3G*	-1.226	-2.339
208553_at	3008	*HIST1H1E*	-1.226	-2.339
221233_s_at	57579	*FAM135A*	-1.226	-2.339
205487_s_at	51442	*VGLL1*	-1.227	-2.340
220983_s_at	81848	*SPRY4*	-1.227	-2.340
215249_at	6165	*RPL35A*	-1.227	-2.341
214185_at	10657	*KHDRBS1*	-1.227	-2.341

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
217215_s_at	---	---	-1.227	-2.341
208421_at	---	---	-1.228	-2.342
221075_s_at	9436	*NCR2*	-1.228	-2.343
206627_s_at	6756	*SSX1*	-1.229	-2.344
220265_at	57720	*GPR107*	-1.229	-2.344
211794_at	2533	*FYB*	-1.229	-2.344
202493_x_at	1442	*CSH1*	-1.229	-2.345
215129_at	5288	*PIK3C2G*	-1.230	-2.345
217618_x_at	3364	*HUS1*	-1.230	-2.346
215849_x_at	118491	*TTC18*	-1.230	-2.346
211349_at	6564	*SLC15A1*	-1.230	-2.346
204052_s_at	6424	*SFRP4*	-1.230	-2.346
213845_at	2898	*GRIK2*	-1.230	-2.346
220170_at	9457	*FHL5*	-1.230	-2.346
205511_at	55056	*FLJ10038*	-1.230	-2.346
207151_at	117	*ADCYAP1R1*	-1.231	-2.347
210808_s_at	27035	*NOX1*	-1.231	-2.347
216430_x_at	3535	*IGL@*	-1.231	-2.348
206962_x_at	---	---	-1.232	-2.348
222008_at	1297	*COL9A1*	-1.232	-2.349
205830_at	1047	*CLGN*	-1.232	-2.349
207303_at	5137	*PDE1C*	-1.232	-2.349
220245_at	51151	*SLC45A2*	-1.232	-2.349
209894_at	3953	*LEPR*	-1.233	-2.351
216329_at	---	---	-1.234	-2.352
208479_at	3736	*KCNA1*	-1.234	-2.353
215679_at	---	---	-1.235	-2.354
216444_at	---	---	-1.235	-2.354
206595_at	1474	*CST6*	-1.236	-2.355
207010_at	2560	*GABRB1*	-1.237	-2.357
207138_at	5253	*PHF2*	-1.237	-2.358
214903_at	127833	*SYT2*	-1.238	-2.358
210810_s_at	9152	*SLC6A5*	-1.238	-2.358
208366_at	27328	*PCDH11X*	-1.238	-2.359
221153_s_at	---	---	-1.239	-2.360
215072_x_at	26098	*C10orf137*	-1.239	-2.360
211497_x_at	4824	*NKX3-1*	-1.239	-2.361
205831_at	914	*CD2*	-1.239	-2.361
206334_at	8513	*LIPF*	-1.239	-2.361
213200_at	6855	*SYP*	-1.240	-2.361
207139_at	495	*ATP4A*	-1.240	-2.362
219564_at	3773	*KCNJ16*	-1.240	-2.362
219160_s_at	64895	*PAPOLG*	-1.240	-2.363
220066_at	64127	*NOD2*	-1.240	-2.363
210272_at	1556	*CYP2B7P1*	-1.241	-2.363
216018_at	6048	*RNF5*	-1.241	-2.363
214366_s_at	240	*ALOX5*	-1.241	-2.363
210521_s_at	26998	*FETUB*	-1.242	-2.365

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
207500_at	838	*CASP5*	-1.242	-2.366
207609_s_at	1544	*CYP1A2*	-1.243	-2.366
202563_at	11161	*C14orf1*	-1.243	-2.367
206904_at	4146	*MATN1*	-1.244	-2.368
206680_at	922	*CD5L*	-1.244	-2.369
216275_at	699	*BUB1*	-1.244	-2.369
219594_at	4815	*NINJ2*	-1.244	-2.369
210403_s_at	3758	*KCNJ1*	-1.245	-2.369
219791_s_at	79804	*NBLA00301*	-1.245	-2.370
215862_at	---	---	-1.245	-2.370
220101_x_at	54785	*C17orf59*	-1.245	-2.370
217111_at	23600	*AMACR*	-1.245	-2.371
221125_s_at	27094	*KCNMB3*	-1.246	-2.371
206931_at	7700	*ZNF141*	-1.247	-2.373
215563_s_at	11223	*MSTP9*	-1.247	-2.373
208008_at	26083	*TBC1D29*	-1.247	-2.374
216991_at	7767	*ZNF224*	-1.249	-2.377
217026_at	1080	*CFTR*	-1.249	-2.377
217328_at	100134017	*LOC100134017*	-1.249	-2.377
206365_at	6375	*XCL1*	-1.250	-2.378
205343_at	6819	*SULT1C2*	-1.250	-2.378
222320_at	---	---	-1.250	-2.379
218404_at	29887	*SNX10*	-1.251	-2.380
203768_s_at	412	*STS*	-1.251	-2.380
AFFX-BioB-3_at	---	---	-1.251	-2.381
215697_at	---	---	-1.251	-2.381
210961_s_at	146	*ADRA1D*	-1.251	-2.381
205841_at	3717	*JAK2*	-1.252	-2.381
215491_at	4610	*MYCL1*	-1.252	-2.381
216108_at	---	---	-1.253	-2.383
210680_s_at	5648	*MASP1*	-1.253	-2.383
222053_at	10629	*TAF6L*	-1.253	-2.384
206535_at	6514	*SLC2A2*	-1.256	-2.388
208487_at	4010	*LMX1B*	-1.256	-2.388
214570_x_at	100294050	*LOC100294050*	-1.256	-2.388
217699_at	---	---	-1.256	-2.389
208155_x_at	2543	*GAGE1*	-1.256	-2.389
216654_at	7148	*TNXB*	-1.257	-2.389
207120_at	63934	*ZNF667*	-1.257	-2.389
207095_at	6555	*SLC10A2*	-1.257	-2.390
207254_at	6564	*SLC15A1*	-1.257	-2.390
213192_at	90326	*THAP3*	-1.257	-2.390
220545_s_at	60385	*TSKS*	-1.257	-2.390
219708_at	56953	*NT5M*	-1.258	-2.391
217024_x_at	140885	*SIRPA*	-1.258	-2.392
206187_at	5739	*PTGIR*	-1.258	-2.392
213813_x_at	---	---	-1.258	-2.392
207996_s_at	753	*C18orf1*	-1.258	-2.392

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
222174_at	---	---	-1.258	-2.392
210941_at	5099	*PCDH7*	-1.259	-2.393
216068_at	---	---	-1.259	-2.393
220813_at	57105	*CYSLTR2*	-1.259	-2.394
210373_at	10641	*TUSC4*	-1.260	-2.395
208071_s_at	3903	*LAIR1*	-1.260	-2.395
207229_at	10748	*KLRA1*	-1.260	-2.395
222363_at	---	---	-1.261	-2.396
215494_at	---	---	-1.261	-2.397
208389_s_at	6506	*SLC1A2*	-1.261	-2.397
216873_s_at	57198	*ATP8B2*	-1.262	-2.398
208349_at	8989	*TRPA1*	-1.262	-2.398
216637_at	---	---	-1.262	-2.399
208378_x_at	2250	*FGF5*	-1.263	-2.399
207046_at	8370	*HIST2H4A*	-1.263	-2.400
222287_at	10345	*TRDN*	-1.263	-2.400
215169_at	9906	*SLC35E2*	-1.263	-2.400
206387_at	1045	*CDX2*	-1.264	-2.402
215021_s_at	9369	*NRXN3*	-1.264	-2.402
206943_at	7046	*TGFBR1*	-1.264	-2.402
216888_at	11155	*LDB3*	-1.264	-2.402
211557_x_at	11309	*SLCO2B1*	-1.265	-2.403
222007_s_at	100292534	*LOC100292534*	-1.265	-2.403
200856_x_at	149934	*C20orf191*	-1.265	-2.403
215231_at	51422	*PRKAG2*	-1.265	-2.403
214664_at	10606	*PAICS*	-1.266	-2.404
215914_at	---	---	-1.266	-2.404
222336_at	201895	*C4orf34*	-1.266	-2.406
211307_s_at	2204	*FCAR*	-1.267	-2.406
208157_at	6493	*SIM2*	-1.267	-2.407
204665_at	80143	*SIKE1*	-1.267	-2.407
AFFX-r2-Ec-bioB-3_at	---	---	-1.268	-2.409
206442_at	6406	*SEMG1*	-1.269	-2.409
204580_at	4321	*MMP12*	-1.269	-2.410
221211_s_at	56911	*C21orf7*	-1.269	-2.411
213332_at	60676	*PAPPA2*	-1.270	-2.411
222185_at	63876	*PKNOX2*	-1.270	-2.411
222091_at	51440	*HPCAL4*	-1.270	-2.412
210921_at	---	---	-1.270	-2.412
208229_at	2263	*FGFR2*	-1.272	-2.415
210603_at	84779	*ARD1B*	-1.273	-2.416
211389_x_at	3813	*KIR3DS1*	-1.273	-2.416
203399_x_at	5671	*PSG3*	-1.273	-2.417
203873_at	6594	*SMARCA1*	-1.273	-2.417
206741_at	51066	*C3orf32*	-1.274	-2.418
215183_at	---	---	-1.274	-2.418
220213_at	128553	*TSHZ2*	-1.274	-2.418
221969_at	---	---	-1.274	-2.418

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
221464_at	4991	*OR1D2*	-1.274	-2.418
220130_x_at	56413	*LTB4R2*	-1.274	-2.418
208317_at	9942	*XYLB*	-1.275	-2.420
206951_at	8367	*HIST1H4E*	-1.276	-2.421
210165_at	1773	*DNASE1*	-1.276	-2.421
221195_at	51136	*RNFT1*	-1.276	-2.422
216891_at	---	---	-1.277	-2.423
207496_at	2206	*MS4A2*	-1.277	-2.424
219823_at	79727	*LIN28*	-1.279	-2.426
220382_s_at	79822	*ARHGAP28*	-1.279	-2.426
218202_x_at	65080	*MRPL44*	-1.279	-2.427
206762_at	3741	*KCNA5*	-1.279	-2.427
217509_x_at	2901	*GRIK5*	-1.280	-2.428
207723_s_at	3823	*KLRC3*	-1.281	-2.429
205994_at	2005	*ELK4*	-1.281	-2.430
219139_s_at	114819	*CROCCL2*	-1.281	-2.431
207546_at	496	*ATP4B*	-1.282	-2.432
209573_s_at	753	*C18orf1*	-1.282	-2.432
221309_at	84991	*RBM17*	-1.282	-2.432
216738_at	---	---	-1.283	-2.433
209601_at	51	*ACOX1*	-1.283	-2.434
202648_at	---	---	-1.283	-2.434
215014_at	3752	*KCND3*	-1.283	-2.434
211355_x_at	3953	*LEPR*	-1.283	-2.434
216659_at	1720	*LOC1720*	-1.283	-2.434
216118_at	---	---	-1.283	-2.434
215463_at	26648	*OR7E24*	-1.284	-2.435
220129_at	54937	*SOHLH2*	-1.284	-2.435
207814_at	1671	*DEFA6*	-1.285	-2.436
206990_at	7143	*TNR*	-1.285	-2.437
217268_at	7879	*RAB7A*	-1.285	-2.438
221271_at	59067	*IL21*	-1.286	-2.438
207774_at	83734	*ATG10*	-1.286	-2.438
214914_at	220965	*FAM13C*	-1.286	-2.438
207073_at	8999	*CDKL2*	-1.286	-2.439
214488_at	5912	*RAP2B*	-1.286	-2.439
206446_s_at	63036	*CELA2A*	-1.286	-2.439
216826_at	---	---	-1.286	-2.439
216183_at	7052	*TGM2*	-1.287	-2.440
206937_at	6708	*SPTA1*	-1.287	-2.440
206160_at	10930	*APOBEC2*	-1.287	-2.441
213147_at	3206	*HOXA10*	-1.287	-2.441
219815_at	79690	*GAL3ST4*	-1.287	-2.441
212157_at	6383	*SDC2*	-1.288	-2.441
208000_at	2765	*GML*	-1.288	-2.441
207660_at	1756	*DMD*	-1.288	-2.442
204296_at	1639	*DCTN1*	-1.288	-2.442
215258_at	199731	*CADM4*	-1.288	-2.442

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216794_at	---	---	-1.288	-2.442
222144_at	57576	*KIF17*	-1.289	-2.443
217582_at	---	---	-1.289	-2.444
220881_at	---	---	-1.289	-2.444
221921_s_at	57863	*CADM3*	-1.290	-2.444
207052_at	26762	*HAVCR1*	-1.290	-2.445
213928_s_at	3267	*AGFG1*	-1.290	-2.445
206921_at	2733	*GLE1*	-1.290	-2.446
210035_s_at	6125	*RPL5*	-1.291	-2.447
208067_x_at	7404	*UTY*	-1.293	-2.450
212883_at	100129500	*LOC100129500*	-1.294	-2.452
214479_at	2676	*GFRA3*	-1.294	-2.453
213987_s_at	8621	*CDC2L5*	-1.295	-2.455
205386_s_at	4193	*MDM2*	-1.296	-2.456
222376_at	---	---	-1.297	-2.457
206876_at	6492	*SIM1*	-1.297	-2.457
215639_at	10044	*SH2D3C*	-1.297	-2.458
221357_at	1132	*CHRM4*	-1.297	-2.458
206538_at	22808	*MRAS*	-1.298	-2.458
210536_s_at	6677	*SPAM1*	-1.298	-2.459
208221_s_at	6585	*SLIT1*	-1.298	-2.459
40524_at	11099	*PTPN21*	-1.298	-2.459
214408_s_at	10740	*RFPL1S*	-1.298	-2.460
222331_at	---	---	-1.299	-2.460
206444_at	5153	*PDE1B*	-1.299	-2.461
207867_at	5078	*PAX4*	-1.299	-2.461
221445_at	26189	*OR1A2*	-1.300	-2.463
221456_at	50831	*TAS2R3*	-1.300	-2.463
213871_s_at	10591	*C6orf108*	-1.301	-2.463
217198_x_at	3492	*IGH@*	-1.301	-2.463
215784_at	913	*CD1E*	-1.301	-2.464
211032_at	22837	*COBLL1*	-1.301	-2.464
210614_at	7274	*TTPA*	-1.301	-2.465
215736_at	---	---	-1.301	-2.465
217155_at	---	---	-1.301	-2.465
205161_s_at	8800	*PEX11A*	-1.302	-2.466
215685_s_at	1746	*DLX2*	-1.302	-2.466
206513_at	9447	*AIM2*	-1.302	-2.466
216816_at	---	---	-1.302	-2.466
211460_at	83864	*TTTY9A*	-1.304	-2.469
211586_s_at	491	*ATP2B2*	-1.305	-2.470
215516_at	22798	*LAMB4*	-1.305	-2.471
215430_at	2712	*GK2*	-1.305	-2.471
213925_at	375057	*C1orf95*	-1.305	-2.471
220725_x_at	55567	*DNAH3*	-1.306	-2.472
207968_s_at	4208	*MEF2C*	-1.306	-2.472
207930_at	3933	*LCN1*	-1.306	-2.472
206919_at	2005	*ELK4*	-1.306	-2.473

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
214275_at	9968	*MED12*	-1.306	-2.473
206885_x_at	2688	*GH1*	-1.307	-2.474
216763_at	23189	*KANK1*	-1.307	-2.475
216814_at	---	---	-1.307	-2.475
210258_at	6003	*RGS13*	-1.307	-2.475
211848_s_at	1087	*CEACAM7*	-1.308	-2.476
214596_at	1131	*CHRM3*	-1.308	-2.476
216787_at	---	---	-1.308	-2.476
215152_at	4602	*MYB*	-1.308	-2.476
206626_x_at	6756	*SSX1*	-1.309	-2.478
211791_s_at	8514	*KCNAB2*	-1.309	-2.478
206629_at	9719	*ADAMTSL2*	-1.310	-2.479
213722_at	6657	*SOX2*	-1.310	-2.480
206560_s_at	8190	*MIA*	-1.310	-2.480
210031_at	919	*CD247*	-1.311	-2.482
211125_x_at	2902	*GRIN1*	-1.311	-2.482
214702_at	2335	*FN1*	-1.312	-2.482
210928_at	100131613	*LOC100131613*	-1.312	-2.483
214898_x_at	57876	*MUC3B*	-1.312	-2.483
211645_x_at	---	---	-1.312	-2.483
220330_s_at	64092	*SAMSN1*	-1.313	-2.484
219407_s_at	10319	*LAMC3*	-1.313	-2.484
206455_s_at	6010	*RHO*	-1.313	-2.485
220169_at	80008	*TMEM156*	-1.314	-2.486
213636_at	23349	*KIAA1045*	-1.314	-2.486
216328_at	27181	*SIGLEC8*	-1.314	-2.486
211343_s_at	1305	*COL13A1*	-1.314	-2.487
205523_at	1404	*HAPLN1*	-1.315	-2.487
205344_at	10675	*CSPG5*	-1.315	-2.488
222225_at	644128	*RPL23AP53*	-1.315	-2.489
206630_at	7299	*TYR*	-1.316	-2.489
217399_s_at	2309	*FOXO3*	-1.316	-2.490
211039_at	1134	*CHRNA1*	-1.316	-2.490
220961_s_at	9238	*TBRG4*	-1.316	-2.490
209617_s_at	1501	*CTNND2*	-1.317	-2.492
211704_s_at	54466	*SPIN2A*	-1.318	-2.494
214529_at	7252	*TSHB*	-1.319	-2.494
207811_at	3859	*KRT12*	-1.319	-2.495
216482_x_at	7633	*ZNF79*	-1.319	-2.495
211315_s_at	8913	*CACNA1G*	-1.319	-2.496
215107_s_at	55001	*TTC22*	-1.319	-2.496
222281_s_at	---	---	-1.320	-2.496
220784_s_at	10911	*UTS2*	-1.320	-2.497
215556_at	---	---	-1.320	-2.497
220460_at	53919	*SLCO1C1*	-1.321	-2.498
207637_at	9671	*WSCD2*	-1.322	-2.500
211616_s_at	3356	*HTR2A*	-1.322	-2.500
217088_s_at	9437	*NCR1*	-1.322	-2.500

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
219149_x_at	51163	*DBR1*	-1.323	-2.501
216795_at	---	---	-1.323	-2.502
207308_at	6579	*SLCO1A2*	-1.324	-2.504
214868_at	9271	*PIWIL1*	-1.326	-2.506
207777_s_at	11262	*SP140*	-1.326	-2.506
207646_s_at	9085	*CDY1*	-1.327	-2.508
214878_at	7587	*ZNF37A*	-1.327	-2.509
219812_at	79037	*PVRIG*	-1.327	-2.509
AFFX-DapX-5_at	---	---	-1.328	-2.510
215957_at	7321	*UBE2D1*	-1.328	-2.511
210422_x_at	6556	*SLC11A1*	-1.329	-2.512
207210_at	2556	*GABRA3*	-1.329	-2.513
204609_at	11007	*CCDC85B*	-1.330	-2.513
217332_at	647288	*RP11-159J2.1*	-1.332	-2.517
205939_at	1551	*CYP3A7*	-1.332	-2.517
219391_at	10380	*BPNT1*	-1.332	-2.517
206644_at	190	*NR0B1*	-1.333	-2.519
AFFX-PheX-3_at	---	---	-1.334	-2.520
219285_s_at	51199	*NIN*	-1.334	-2.520
214614_at	3110	*MNX1*	-1.334	-2.520
215831_at	---	---	-1.334	-2.520
215461_at	148066	*ZNRF4*	-1.334	-2.521
214533_at	1215	*CMA1*	-1.335	-2.522
222330_at	---	---	-1.335	-2.523
216181_at	8871	*SYNJ2*	-1.335	-2.523
214516_at	8366	*HIST1H4B*	-1.336	-2.525
216121_at	---	---	-1.337	-2.526
214432_at	478	*ATP1A3*	-1.337	-2.526
206666_at	3003	*GZMK*	-1.337	-2.527
208482_at	6751	*SSTR1*	-1.337	-2.527
217287_s_at	7225	*TRPC6*	-1.338	-2.527
203841_x_at	22924	*MAPRE3*	-1.338	-2.528
220511_s_at	10395	*DLC1*	-1.338	-2.528
215026_x_at	6337	*SCNN1A*	-1.339	-2.529
206534_at	2903	*GRIN2A*	-1.339	-2.529
211544_s_at	2692	*GHRHR*	-1.339	-2.530
216809_at	1538	*CYLC1*	-1.339	-2.530
220010_at	23630	*KCNE1L*	-1.339	-2.530
210528_at	3140	*MR1*	-1.339	-2.530
37547_at	27241	*BBS9*	-1.340	-2.531
207145_at	2660	*MSTN*	-1.340	-2.532
207583_at	225	*ABCD2*	-1.340	-2.532
206252_s_at	552	*AVPR1A*	-1.340	-2.532
221266_s_at	81501	*TM7SF4*	-1.342	-2.535
216343_at	56112	*PCDHGA3*	-1.344	-2.538
211772_x_at	1136	*CHRNA3*	-1.344	-2.538
221365_at	2862	*MLNR*	-1.344	-2.538
215565_at	100289053	*LOC100289053*	-1.345	-2.540

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
215816_at	2990	*GUSB*	-1.345	-2.541
215885_at	280658	*SSX7*	-1.345	-2.541
206218_at	4113	*MAGEB2*	-1.346	-2.541
207739_s_at	2543	*GAGE1*	-1.346	-2.542
210741_at	23365	*ARHGEF12*	-1.346	-2.543
221359_at	2668	*GDNF*	-1.347	-2.543
202920_at	287	*ANK2*	-1.347	-2.544
212797_at	6272	*SORT1*	-1.349	-2.547
205665_at	10867	*TSPAN9*	-1.349	-2.547
210477_x_at	5599	*MAPK8*	-1.349	-2.547
222202_at	644213	*LOC644213*	-1.350	-2.548
208275_x_at	8433	*UTF1*	-1.351	-2.550
207005_s_at	596	*BCL2*	-1.351	-2.551
205342_s_at	6819	*SULT1C2*	-1.351	-2.551
208533_at	6656	*SOX1*	-1.351	-2.552
216180_s_at	8871	*SYNJ2*	-1.352	-2.552
221129_at	23591	*C17orf88*	-1.353	-2.554
208516_at	4544	*MTNR1B*	-1.354	-2.556
216279_at	10794	*ZNF460*	-1.354	-2.556
207113_s_at	7124	*TNF*	-1.355	-2.558
220916_at	---	---	-1.355	-2.559
214373_at	---	---	-1.355	-2.559
219672_at	51327	*ERAF*	-1.356	-2.559
220780_at	50487	*PLA2G3*	-1.356	-2.560
206131_at	1208	*CLPS*	-1.357	-2.561
215520_at	26108	*PYGO1*	-1.357	-2.561
221383_at	10316	*NMUR1*	-1.357	-2.561
220828_s_at	55338	*FLJ11292*	-1.358	-2.563
206029_at	27063	*ANKRD1*	-1.358	-2.564
216764_at	---	---	-1.359	-2.564
213912_at	23329	*TBC1D30*	-1.359	-2.564
220683_at	50700	*RDH8*	-1.359	-2.565
210952_at	11154	*AP4S1*	-1.359	-2.565
215414_at	10667	*FARS2*	-1.360	-2.566
216819_at	---	---	-1.360	-2.566
214935_at	259307	*IL4I1*	-1.360	-2.566
220061_at	54988	*ACSM5*	-1.361	-2.568
206381_at	6326	*SCN2A*	-1.361	-2.568
215382_x_at	7177	*TPSAB1*	-1.363	-2.572
205453_at	3212	*HOXB2*	-1.363	-2.572
211790_s_at	8085	*MLL2*	-1.363	-2.572
217213_at	6530	*SLC6A2*	-1.364	-2.573
217136_at	164022	*PPIAL4A*	-1.364	-2.575
208330_at	60529	*ALX4*	-1.365	-2.575
210354_at	3458	*IFNG*	-1.365	-2.576
213602_s_at	---	---	-1.365	-2.576
221420_at	---	---	-1.365	-2.576
211670_x_at	10214	*SSX3*	-1.366	-2.577

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
214307_at	3081	*HGD*	-1.366	-2.578
210492_at	9848	*MFAP3L*	-1.367	-2.580
201547_at	10765	*KDM5B*	-1.368	-2.580
216416_at	---	---	-1.368	-2.581
215345_x_at	---	---	-1.368	-2.581
210919_at	23239	*PHLPP1*	-1.368	-2.581
216722_at	139538	*VENTXP1*	-1.368	-2.582
207142_at	3760	*KCNJ3*	-1.369	-2.582
216053_x_at	284800	*FAM182A*	-1.369	-2.583
215879_at	3688	*ITGB1*	-1.370	-2.584
220530_at	55389	*NCRNA00120*	-1.370	-2.584
205913_at	5346	*PLIN1*	-1.370	-2.584
206835_at	6779	*STATH*	-1.370	-2.584
208167_s_at	4325	*MMP16*	-1.370	-2.585
207849_at	3558	*IL2*	-1.371	-2.586
207737_at	---	---	-1.371	-2.586
205057_s_at	3425	*IDUA*	-1.372	-2.587
210483_at	254896	*MGC31957*	-1.372	-2.589
219085_s_at	79760	*GEMIN7*	-1.373	-2.590
216435_at	5607	*MAP2K5*	-1.373	-2.591
214384_s_at	10540	*DCTN2*	-1.374	-2.592
210303_at	10586	*MAB21L2*	-1.374	-2.592
216595_at	121006	*FAM186A*	-1.374	-2.592
205472_s_at	1602	*DACH1*	-1.374	-2.592
206883_x_at	2815	*GP9*	-1.374	-2.593
215356_at	91646	*TDRD12*	-1.374	-2.593
222356_at	---	---	-1.375	-2.593
208343_s_at	2494	*NR5A2*	-1.375	-2.594
217250_s_at	26038	*CHD5*	-1.376	-2.595
205430_at	653	*BMP5*	-1.376	-2.596
210352_at	10902	*BRD8*	-1.377	-2.596
216605_s_at	90273	*CEACAM21*	-1.377	-2.596
212029_s_at	---	---	-1.377	-2.597
214139_at	51742	*ARID4B*	-1.377	-2.597
213482_at	1795	*DOCK3*	-1.377	-2.597
207752_x_at	5542	*PRB1*	-1.378	-2.600
217330_at	27185	*DISC1*	-1.379	-2.601
201806_s_at	11273	*ATXN2L*	-1.379	-2.601
216506_x_at	8028	*MLLT10*	-1.379	-2.601
217233_at	---	---	-1.379	-2.601
210565_at	2642	*GCGR*	-1.379	-2.602
207725_at	5458	*POU4F2*	-1.380	-2.603
205765_at	1577	*CYP3A5*	-1.381	-2.604
204536_s_at	---	---	-1.381	-2.605
214309_s_at	---	---	-1.382	-2.606
211245_x_at	3805	*KIR2DL4*	-1.382	-2.606
214651_s_at	3205	*HOXA9*	-1.383	-2.608
217097_s_at	57157	*PHTF2*	-1.384	-2.609

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
215745_at	---	---	-1.384	-2.609
207659_s_at	4336	*MOBP*	-1.384	-2.609
202229_s_at	10523	*CHERP*	-1.384	-2.611
220440_at	29124	*LGALS13*	-1.384	-2.611
214293_at	---	*40432*	-1.385	-2.611
44790_s_at	80183	*C13orf18*	-1.385	-2.612
206035_at	5966	*REL*	-1.386	-2.613
210080_x_at	10136	*CELA3A*	-1.386	-2.614
222049_s_at	5950	*RBP4*	-1.387	-2.615
207395_at	696	*BTN1A1*	-1.387	-2.615
214936_at	23143	*LRCH1*	-1.387	-2.615
214192_at	4927	*NUP88*	-1.387	-2.616
206147_x_at	10389	*SCML2*	-1.389	-2.619
203820_s_at	10643	*IGF2BP3*	-1.389	-2.619
216145_at	---	---	-1.390	-2.621
208294_x_at	1444	*CSHL1*	-1.390	-2.622
222023_at	11214	*AKAP13*	-1.391	-2.622
206733_at	7288	*TULP2*	-1.391	-2.622
219954_s_at	57733	*GBA3*	-1.391	-2.623
217461_x_at	652963	*BTF3L2*	-1.391	-2.623
205624_at	1359	*CPA3*	-1.392	-2.625
221057_at	64173	*SPATA1*	-1.394	-2.629
213844_at	3202	*HOXA5*	-1.395	-2.629
204760_s_at	9572	*NR1D1*	-1.395	-2.630
220005_at	53829	*P2RY13*	-1.395	-2.630
207148_x_at	51778	*MYOZ2*	-1.396	-2.631
207471_at	---	---	-1.396	-2.631
209470_s_at	2823	*GPM6A*	-1.396	-2.631
212486_s_at	2534	*FYN*	-1.396	-2.631
217440_at	---	---	-1.396	-2.632
215540_at	6955	*TRA@*	-1.396	-2.632
219589_s_at	55260	*TMEM143*	-1.397	-2.633
207075_at	114548	*NLRP3*	-1.397	-2.633
205962_at	5062	*PAK2*	-1.397	-2.633
213157_s_at	23302	*WSCD1*	-1.397	-2.634
206731_at	22866	*CNKSR2*	-1.398	-2.635
212668_at	57154	*SMURF1*	-1.398	-2.635
210012_s_at	2130	*EWSR1*	-1.398	-2.636
207373_at	3236	*HOXD10*	-1.400	-2.639
205544_s_at	1380	*CR2*	-1.400	-2.639
208116_s_at	4121	*MAN1A1*	-1.400	-2.639
210500_at	---	---	-1.400	-2.640
206935_at	5100	*PCDH8*	-1.401	-2.640
207987_s_at	2796	*GNRH1*	-1.402	-2.642
214343_s_at	222255	*ATXN7L1*	-1.402	-2.643
209542_x_at	3479	*IGF1*	-1.402	-2.643
210344_at	114881	*OSBPL7*	-1.403	-2.645
206999_at	3595	*IL12RB2*	-1.404	-2.647

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
217295_at	4590	*MUC8*	-1.405	-2.649
214668_at	57213	*C13orf1*	-1.406	-2.650
207816_at	3906	*LALBA*	-1.408	-2.654
215144_at	---	---	-1.409	-2.656
205373_at	1496	*CTNNA2*	-1.410	-2.657
215881_x_at	6757	*SSX2*	-1.410	-2.658
210587_at	83729	*INHBE*	-1.411	-2.660
209779_at	84298	*LLPH*	-1.412	-2.661
211635_x_at	3492	*IGH@*	-1.412	-2.661
217694_at	---	---	-1.412	-2.661
211718_at	84789	*MGC2889*	-1.413	-2.662
220645_at	54827	*FAM55D*	-1.413	-2.664
215352_at	55340	*GIMAP5*	-1.414	-2.664
220829_s_at	8708	*B3GALT1*	-1.414	-2.664
217046_s_at	177	*AGER*	-1.414	-2.665
207892_at	959	*CD40LG*	-1.415	-2.667
213382_at	4485	*MST1*	-1.415	-2.667
213914_s_at	6711	*SPTBN1*	-1.415	-2.667
217451_at	9377	*COX5A*	-1.415	-2.667
220675_s_at	80339	*PNPLA3*	-1.416	-2.668
213898_at	23543	*RBM9*	-1.416	-2.669
217153_at	392	*ARHGAP1*	-1.416	-2.669
204779_s_at	3217	*HOXB7*	-1.417	-2.670
AFFX-TrpnX-3_at	---	---	-1.417	-2.671
205813_s_at	4143	*MAT1A*	-1.418	-2.672
216586_at	---	---	-1.419	-2.673
216463_at	---	---	-1.419	-2.673
206974_at	10663	*CXCR6*	-1.419	-2.674
211680_at	10611	*PDLIM5*	-1.420	-2.676
218602_s_at	54801	*HAUS6*	-1.420	-2.676
206502_s_at	3642	*INSM1*	-1.420	-2.676
215999_at	374286	*CDRT1*	-1.421	-2.677
206684_s_at	11016	*ATF7*	-1.421	-2.677
207360_s_at	4923	*NTSR1*	-1.424	-2.683
220877_at	---	---	-1.424	-2.684
218800_at	79644	*SRD5A3*	-1.424	-2.684
207526_s_at	9173	*IL1RL1*	-1.425	-2.685
203386_at	9882	*TBC1D4*	-1.426	-2.686
206305_s_at	731	*C8A*	-1.426	-2.687
208259_x_at	3444	*IFNA7*	-1.426	-2.687
220534_at	79097	*TRIM48*	-1.426	-2.688
220121_at	55180	*LINS1*	-1.427	-2.689
210280_at	4359	*MPZ*	-1.427	-2.689
214206_at	285755	*PPIL6*	-1.428	-2.690
210073_at	6489	*ST8SIA1*	-1.428	-2.691
216704_at	---	---	-1.428	-2.692
207710_at	26239	*LCE2B*	-1.429	-2.693
209816_at	5727	*PTCH1*	-1.430	-2.694

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205943_at	6999	*TDO2*	-1.430	-2.695
221976_s_at	50810	*HDGFRP3*	-1.431	-2.695
213672_at	4141	*MARS*	-1.431	-2.696
201766_at	60528	*ELAC2*	-1.434	-2.701
208298_at	7813	*EVI5*	-1.434	-2.703
220654_at	23614	*PPY2*	-1.435	-2.703
207757_at	80108	*ZFP2*	-1.435	-2.704
217953_at	23469	*PHF3*	-1.436	-2.705
205123_s_at	8577	*TMEFF1*	-1.436	-2.706
216893_s_at	1285	*COL4A3*	-1.436	-2.706
211766_s_at	5408	*PNLIPRP2*	-1.438	-2.709
209598_at	10687	*PNMA2*	-1.438	-2.709
214046_at	10690	*FUT9*	-1.438	-2.710
210805_x_at	861	*RUNX1*	-1.439	-2.711
217661_x_at	147912	*SIX5*	-1.440	-2.713
206545_at	940	*CD28*	-1.440	-2.714
204708_at	5596	*MAPK4*	-1.441	-2.714
208332_at	9081	*PRY*	-1.441	-2.715
220691_at	---	---	-1.441	-2.716
221126_at	27122	*DKK3*	-1.441	-2.716
217147_s_at	50852	*TRAT1*	-1.441	-2.716
213284_at	677	*ZFP36L1*	-1.441	-2.716
216695_s_at	8658	*TNKS*	-1.442	-2.717
216420_at	---	---	-1.443	-2.719
207447_s_at	25834	*MGAT4C*	-1.444	-2.721
210572_at	56146	*PCDHA2*	-1.444	-2.721
210484_s_at	254896	*MGC31957*	-1.444	-2.721
216158_at	---	---	-1.444	-2.721
211174_s_at	886	*CCKAR*	-1.444	-2.721
217280_x_at	2558	*GABRA5*	-1.444	-2.721
203672_x_at	7172	*TPMT*	-1.445	-2.722
216507_at	202018	*TAPT1*	-1.445	-2.723
207451_at	26257	*NKX2-8*	-1.446	-2.724
220480_at	9464	*HAND2*	-1.446	-2.724
217096_at	27445	*PCLO*	-1.446	-2.725
206602_s_at	3232	*HOXD3*	-1.447	-2.726
220679_s_at	1005	*CDH7*	-1.447	-2.727
205872_x_at	9659	*PDE4DIP*	-1.448	-2.728
213638_at	221692	*PHACTR1*	-1.448	-2.728
216599_x_at	9356	*SLC22A6*	-1.448	-2.728
208449_s_at	2253	*FGF8*	-1.450	-2.732
215818_at	283927	*NUDT7*	-1.450	-2.732
205103_at	10485	*C1orf61*	-1.450	-2.732
210939_s_at	2911	*GRM1*	-1.450	-2.733
215644_at	9849	*ZNF518A*	-1.451	-2.735
206466_at	23205	*ACSBG1*	-1.451	-2.735
205295_at	1160	*CKMT2*	-1.452	-2.735
211055_s_at	27130	*INVS*	-1.452	-2.735

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
215673_at	7008	*TEF*	-1.452	-2.736
216880_at	5890	*RAD51L1*	-1.453	-2.738
207731_at	---	---	-1.453	-2.738
214631_at	10009	*ZBTB33*	-1.453	-2.738
207448_at	23275	*POFUT2*	-1.453	-2.738
216030_s_at	6407	*SEMG2*	-1.454	-2.739
220185_at	57731	*SPTBN4*	-1.454	-2.739
217081_at	7932	*OR2H2*	-1.455	-2.742
217254_s_at	2056	*EPO*	-1.455	-2.742
213732_at	6929	*TCF3*	-1.455	-2.742
207587_at	1418	*CRYGA*	-1.456	-2.743
204110_at	3176	*HNMT*	-1.456	-2.743
215441_at	---	---	-1.457	-2.745
220345_at	80059	*LRRTM4*	-1.457	-2.746
203129_s_at	3800	*KIF5C*	-1.457	-2.746
220929_at	26290	*GALNT8*	-1.458	-2.747
220102_at	668	*FOXL2*	-1.459	-2.749
208525_s_at	26211	*OR2F1*	-1.459	-2.749
210471_s_at	7881	*KCNAB1*	-1.459	-2.750
214382_at	54346	*UNC93A*	-1.459	-2.750
214865_at	84444	*DOT1L*	-1.459	-2.750
213736_at	1329	*COX5B*	-1.460	-2.752
222377_at	347853	*TBX10*	-1.462	-2.755
217454_at	203510	*LOC203510*	-1.463	-2.756
208208_at	8735	*MYH13*	-1.463	-2.757
211688_x_at	3812	*KIR3DL2*	-1.463	-2.757
211545_at	2692	*GHRHR*	-1.463	-2.757
208387_s_at	10893	*MMP24*	-1.464	-2.759
205944_s_at	8218	*CLTCL1*	-1.464	-2.760
206947_at	10317	*B3GALT5*	-1.467	-2.765
217177_s_at	5787	*PTPRB*	-1.467	-2.765
215005_at	54550	*NECAB2*	-1.467	-2.765
215059_at	---	---	-1.468	-2.766
221451_s_at	26692	*OR2W1*	-1.468	-2.766
206505_at	7363	*UGT2B4*	-1.468	-2.766
220317_at	9227	*LRAT*	-1.469	-2.768
221823_at	90355	*C5orf30*	-1.469	-2.768
205753_at	1401	*CRP*	-1.469	-2.769
212278_x_at	7337	*UBE3A*	-1.469	-2.769
216837_at	2044	*EPHA5*	-1.470	-2.770
206609_at	9947	*MAGEC1*	-1.471	-2.772
220920_at	23120	*ATP10B*	-1.471	-2.773
217487_x_at	2346	*FOLH1*	-1.472	-2.774
211434_s_at	9034	*CCRL2*	-1.472	-2.774
221429_x_at	56157	*TEX13A*	-1.472	-2.775
213314_at	57150	*C6orf162*	-1.474	-2.778
220652_at	347240	*KIF24*	-1.474	-2.778
210091_s_at	1837	*DTNA*	-1.475	-2.779

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
203684_s_at	596	*BCL2*	-1.475	-2.780
219985_at	9955	*HS3ST3A1*	-1.476	-2.781
204626_s_at	3690	*ITGB3*	-1.476	-2.781
208088_s_at	81494	*CFHR5*	-1.476	-2.783
216667_at	643332	*LOC643332*	-1.477	-2.783
215363_x_at	2346	*FOLH1*	-1.477	-2.783
220846_s_at	100294391	*LOC100294391*	-1.477	-2.785
214099_s_at	9659	*PDE4DIP*	-1.478	-2.786
214642_x_at	4104	*MAGEA5*	-1.478	-2.786
204860_s_at	4671	*NAIP*	-1.479	-2.787
215654_at	587	*BCAT2*	-1.479	-2.788
215652_at	6392	*SDHD*	-1.480	-2.789
211199_s_at	23308	*ICOSLG*	-1.480	-2.790
217133_x_at	1555	*CYP2B6*	-1.481	-2.791
212755_at	23041	*MON2*	-1.483	-2.795
207362_at	7782	*SLC30A4*	-1.483	-2.795
AFFX-TrpnX-5_at	---	---	-1.484	-2.797
210662_at	8942	*KYNU*	-1.485	-2.800
205749_at	1543	*CYP1A1*	-1.487	-2.803
208554_at	5459	*POU4F3*	-1.487	-2.804
215081_at	23251	*KIAA1024*	-1.488	-2.805
217562_at	339479	*FAM5C*	-1.488	-2.805
205114_s_at	6348	*CCL3*	-1.489	-2.806
215730_at	51442	*VGLL1*	-1.489	-2.806
214644_at	8330	*HIST1H2AK*	-1.489	-2.807
220749_at	79741	*C10orf68*	-1.489	-2.807
212972_x_at	323	*APBB2*	-1.490	-2.809
207800_at	9495	*AKAP5*	-1.492	-2.813
217581_at	---	---	-1.493	-2.815
205867_at	5781	*PTPN11*	-1.494	-2.817
207202_s_at	8856	*NR1I2*	-1.495	-2.818
220852_at	29018	*PRO1768*	-1.496	-2.820
220351_at	51554	*CCRL1*	-1.496	-2.821
216590_at	346562	*GNAT3*	-1.497	-2.822
221828_s_at	89853	*FAM125B*	-1.498	-2.824
215858_at	---	---	-1.501	-2.830
221288_at	2845	*GPR22*	-1.502	-2.832
221977_at	6909	*TBX2*	-1.503	-2.833
210508_s_at	3785	*KCNQ2*	-1.503	-2.834
208603_s_at	23542	*MAPK8IP2*	-1.503	-2.834
216426_at	6921	*TCEB1*	-1.504	-2.836
207584_at	4018	*LPA*	-1.504	-2.836
208430_s_at	1837	*DTNA*	-1.506	-2.840
216596_at	26082	*DKFZP434L187*	-1.506	-2.840
222194_at	552866	*FAM66D*	-1.506	-2.840
219334_s_at	64859	*OBFC2A*	-1.506	-2.841
220957_at	64693	*CTAGE1*	-1.507	-2.842
210294_at	6892	*TAPBP*	-1.507	-2.842

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205669_at	4685	*NCAM2*	-1.508	-2.844
210279_at	2841	*GPR18*	-1.508	-2.845
215443_at	7253	*TSHR*	-1.508	-2.845
211154_at	7066	*THPO*	-1.509	-2.847
217684_at	7298	*TYMS*	-1.509	-2.847
220188_at	57338	*JPH3*	-1.510	-2.848
204138_s_at	7593	*MZF1*	-1.511	-2.850
210682_at	4025	*LPO*	-1.512	-2.852
205564_at	9506	*PAGE4*	-1.513	-2.854
216932_at	---	---	-1.513	-2.855
217449_at	---	---	-1.513	-2.855
211079_s_at	1859	*DYRK1A*	-1.514	-2.856
221149_at	27202	*GPR77*	-1.514	-2.856
220541_at	56547	*MMP26*	-1.515	-2.858
207077_at	51032	*CELA2B*	-1.515	-2.859
216712_at	253512	*SLC25A30*	-1.517	-2.863
213443_at	8717	*TRADD*	-1.518	-2.864
206157_at	5806	*PTX3*	-1.518	-2.864
217093_at	6035	*RNASE1*	-1.518	-2.864
213824_at	10215	*OLIG2*	-1.518	-2.865
211884_s_at	4261	*CIITA*	-1.519	-2.867
216672_s_at	23040	*MYT1L*	-1.520	-2.867
209544_at	8767	*RIPK2*	-1.520	-2.868
208410_x_at	265	*AMELX*	-1.521	-2.869
220025_at	10716	*TBR1*	-1.521	-2.869
204607_at	3158	*HMGCS2*	-1.521	-2.870
212092_at	23089	*PEG10*	-1.522	-2.871
216775_at	54532	*USP53*	-1.522	-2.871
207865_s_at	656	*BMP8B*	-1.522	-2.872
210126_at	5678	*PSG9*	-1.523	-2.874
203928_x_at	4137	*MAPT*	-1.525	-2.878
207518_at	8526	*DGKE*	-1.526	-2.880
217194_at	---	---	-1.526	-2.880
217239_x_at	100132941	*LOC100132941*	-1.528	-2.883
208182_x_at	3448	*IFNA14*	-1.528	-2.883
208283_at	2543	*GAGE1*	-1.528	-2.884
207964_x_at	3441	*IFNA4*	-1.528	-2.884
216358_at	---	---	-1.528	-2.884
210989_at	3910	*LAMA4*	-1.528	-2.884
214127_s_at	51593	*SRRT*	-1.528	-2.885
211413_s_at	23569	*PADI4*	-1.530	-2.887
205456_at	916	*CD3E*	-1.530	-2.889
214956_at	22848	*AAK1*	-1.531	-2.891
205553_s_at	8048	*CSRP3*	-1.532	-2.891
214407_x_at	2994	*GYPB*	-1.532	-2.892
210356_x_at	931	*MS4A1*	-1.533	-2.893
215515_at	---	---	-1.533	-2.893
218687_s_at	56667	*MUC13*	-1.533	-2.895

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
221624_at	27004	*TCL6*	-1.534	-2.895
207462_at	2742	*GLRA2*	-1.534	-2.896
221283_at	860	*RUNX2*	-1.535	-2.898
220853_at	79712	*GTDC1*	-1.536	-2.901
204988_at	2244	*FGB*	-1.536	-2.901
217400_at	5111	*PCNA*	-1.537	-2.901
209871_s_at	321	*APBA2*	-1.537	-2.903
211341_at	5457	*POU4F1*	-1.538	-2.905
210771_at	5465	*PPARA*	-1.539	-2.905
214381_at	441601	*LOC441601*	-1.540	-2.908
205280_at	2743	*GLRB*	-1.540	-2.908
208106_x_at	5675	*PSG6*	-1.540	-2.909
221994_at	10611	*PDLIM5*	-1.541	-2.911
209243_s_at	5178	*PEG3*	-1.542	-2.911
211166_at	285596	*FAM153A*	-1.542	-2.911
207472_at	57038	*RARS2*	-1.542	-2.912
204841_s_at	8411	*EEA1*	-1.545	-2.917
212889_x_at	90480	*GADD45GIP1*	-1.545	-2.918
205445_at	5617	*PRL*	-1.545	-2.919
220913_at	---	---	-1.546	-2.919
221093_at	23629	*BRD7P3*	-1.546	-2.920
209848_s_at	6490	*SILV*	-1.546	-2.920
213769_at	8844	*KSR1*	-1.547	-2.922
211647_x_at	3500	*IGHG1*	-1.547	-2.922
209842_at	6663	*SOX10*	-1.548	-2.924
221386_at	4995	*OR3A2*	-1.548	-2.924
222325_at	---	---	-1.550	-2.928
215104_at	83714	*NRIP2*	-1.551	-2.930
219867_at	140578	*CHODL*	-1.551	-2.930
217073_x_at	335	*APOA1*	-1.551	-2.931
214841_at	149111	*CNIH3*	-1.552	-2.931
205860_x_at	2346	*FOLH1*	-1.552	-2.932
212827_at	3507	*IGHM*	-1.552	-2.933
217251_x_at	3712	*IVD*	-1.553	-2.934
210615_at	8829	*NRP1*	-1.553	-2.934
206007_at	10216	*PRG4*	-1.553	-2.935
221182_at	80133	*C1orf129*	-1.553	-2.935
207452_s_at	53942	*CNTN5*	-1.553	-2.935
207635_s_at	3756	*KCNH1*	-1.554	-2.936
208547_at	3018	*HIST1H2BB*	-1.555	-2.938
220448_at	56660	*KCNK12*	-1.555	-2.938
206725_x_at	649	*BMP1*	-1.555	-2.938
216133_at	6964	*TRD@*	-1.555	-2.938
219776_s_at	---	---	-1.556	-2.940
220620_at	54544	*CRCT1*	-1.557	-2.942
204943_at	8038	*ADAM12*	-1.557	-2.942
215406_at	---	---	-1.557	-2.942
216516_at	---	---	-1.557	-2.943

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
210432_s_at	6328	*SCN3A*	-1.560	-2.948
206639_x_at	3346	*HTN1*	-1.561	-2.950
207398_at	3239	*HOXD13*	-1.561	-2.951
214615_at	27334	*P2RY10*	-1.562	-2.953
215456_at	---	---	-1.563	-2.955
208307_at	5940	*RBMY1A1*	-1.563	-2.956
222213_x_at	---	---	-1.564	-2.956
221714_s_at	730092	*LOC730092*	-1.564	-2.957
211111_at	100128124	*HGC6.3*	-1.566	-2.961
204361_s_at	8935	*SKAP2*	-1.566	-2.961
213917_at	7849	*PAX8*	-1.567	-2.962
208253_at	27181	*SIGLEC8*	-1.568	-2.965
208166_at	4325	*MMP16*	-1.568	-2.966
209866_s_at	23284	*LPHN3*	-1.570	-2.969
207314_x_at	3812	*KIR3DL2*	-1.570	-2.970
206333_at	4440	*MSI1*	-1.572	-2.974
210931_at	6049	*RNF6*	-1.572	-2.974
216534_at	---	---	-1.573	-2.975
214066_x_at	4882	*NPR2*	-1.573	-2.975
207245_at	7367	*UGT2B17*	-1.574	-2.978
205366_s_at	3216	*HOXB6*	-1.575	-2.979
201404_x_at	5690	*PSMB2*	-1.575	-2.979
220045_at	63974	*NEUROD6*	-1.576	-2.981
211470_s_at	6819	*SULT1C2*	-1.576	-2.981
215632_at	63973	*NEUROG2*	-1.577	-2.983
206140_at	9355	*LHX2*	-1.578	-2.985
216290_x_at	---	---	-1.578	-2.986
213678_at	441151	*TMEM151B*	-1.578	-2.986
216017_s_at	4665	*NAB2*	-1.578	-2.986
216618_at	---	---	-1.580	-2.990
215495_s_at	23034	*SAMD4A*	-1.581	-2.991
222295_x_at	---	---	-1.581	-2.991
217300_at	---	---	-1.582	-2.993
219773_at	50507	*NOX4*	-1.582	-2.995
215949_x_at	3507	*IGHM*	-1.584	-2.999
206428_s_at	7702	*ZNF143*	-1.585	-3.000
210051_at	10411	*RAPGEF3*	-1.585	-3.000
37020_at	1401	*CRP*	-1.585	-3.000
210107_at	1179	*CLCA1*	-1.586	-3.001
221330_at	1129	*CHRM2*	-1.587	-3.004
219778_at	23414	*ZFPM2*	-1.588	-3.006
214043_at	5789	*PTPRD*	-1.588	-3.006
210433_at	23509	*POFUT1*	-1.588	-3.007
217037_at	---	---	-1.588	-3.007
216895_at	2567	*GABRG3*	-1.588	-3.007
210437_at	4108	*MAGEA9*	-1.589	-3.008
220114_s_at	55576	*STAB2*	-1.590	-3.011
206408_at	26045	*LRRTM2*	-1.590	-3.011

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
208605_s_at	4914	*NTRK1*	-1.591	-3.012
214776_x_at	9942	*XYLB*	-1.591	-3.012
208065_at	51046	*ST8SIA3*	-1.591	-3.013
205821_at	22914	*KLRK1*	-1.593	-3.016
208548_at	3443	*IFNA6*	-1.594	-3.018
222326_at	---	---	-1.594	-3.018
208185_x_at	---	---	-1.595	-3.020
217433_at	6867	*TACC1*	-1.595	-3.021
208237_x_at	53616	*ADAM22*	-1.596	-3.022
216710_x_at	57336	*ZNF287*	-1.596	-3.023
220373_at	54798	*DCHS2*	-1.596	-3.023
210992_x_at	9103	*FCGR2C*	-1.597	-3.024
217510_at	1406	*CRX*	-1.597	-3.024
216518_at	---	---	-1.597	-3.025
207377_at	80316	*PPP1R2P9*	-1.597	-3.025
210451_at	5313	*PKLR*	-1.597	-3.026
206254_at	1950	*EGF*	-1.598	-3.027
206198_s_at	1087	*CEACAM7*	-1.600	-3.031
208173_at	3456	*IFNB1*	-1.601	-3.033
221062_at	9953	*HS3ST3B1*	-1.601	-3.034
220786_s_at	55089	*SLC38A4*	-1.602	-3.035
215317_at	---	---	-1.602	-3.037
220162_s_at	64170	*CARD9*	-1.603	-3.038
213565_s_at	4091	*SMAD6*	-1.605	-3.042
222307_at	282997	*LOC282997*	-1.605	-3.042
211407_at	4713	*NDUFB7*	-1.605	-3.043
214347_s_at	1644	*DDC*	-1.606	-3.044
206923_at	5578	*PRKCA*	-1.608	-3.048
210439_at	29851	*ICOS*	-1.608	-3.048
214297_at	1464	*CSPG4*	-1.608	-3.048
217072_at	11314	*CD300A*	-1.609	-3.051
204898_at	8819	*SAP30*	-1.609	-3.051
207493_x_at	6757	*SSX2*	-1.610	-3.052
215967_s_at	4063	*LY9*	-1.610	-3.053
217000_at	---	---	-1.610	-3.054
221312_at	9340	*GLP2R*	-1.611	-3.054
205989_s_at	4340	*MOG*	-1.611	-3.054
207032_s_at	167	*CRISP1*	-1.611	-3.054
216093_at	---	---	-1.611	-3.056
205067_at	3553	*IL1B*	-1.612	-3.056
AFFX-r2-Bs-dap-5_at	---	---	-1.614	-3.060
205337_at	1638	*DCT*	-1.615	-3.063
215291_at	57591	*MKL1*	-1.615	-3.063
214652_at	1812	*DRD1*	-1.615	-3.064
220315_at	57097	*PARP11*	-1.617	-3.067
217444_at	---	---	-1.618	-3.070
220723_s_at	80157	*CWH43*	-1.618	-3.070
220869_at	55236	*UBA6*	-1.619	-3.071

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216253_s_at	29780	*PARVB*	-1.619	-3.072
220669_at	54726	*OTUD4*	-1.621	-3.076
215845_x_at	---	---	-1.623	-3.080
207780_at	1539	*CYLC2*	-1.623	-3.080
216535_at	57863	*CADM3*	-1.624	-3.082
216906_at	6768	*ST14*	-1.624	-3.082
206771_at	7380	*UPK3A*	-1.625	-3.084
214636_at	797	*CALCB*	-1.626	-3.086
210597_x_at	5542	*PRB1*	-1.627	-3.088
220468_at	80117	*ARL14*	-1.627	-3.088
215133_s_at	285596	*FAM153A*	-1.630	-3.095
210945_at	1288	*COL4A6*	-1.630	-3.095
219011_at	57664	*PLEKHA4*	-1.631	-3.097
206083_at	575	*BAI1*	-1.631	-3.097
222383_s_at	59344	*ALOXE3*	-1.634	-3.103
207228_at	5568	*PRKACG*	-1.634	-3.104
219452_at	64174	*DPEP2*	-1.635	-3.106
216045_at	9720	*CCDC144A*	-1.637	-3.110
208382_s_at	11144	*DMC1*	-1.639	-3.115
214050_at	---	---	-1.640	-3.116
210196_s_at	5669	*PSG1*	-1.640	-3.118
207840_at	11126	*CD160*	-1.641	-3.119
216946_at	3111	*HLA-DOA*	-1.642	-3.120
216896_at	1285	*COL4A3*	-1.644	-3.126
210261_at	3776	*KCNK2*	-1.645	-3.127
208032_s_at	2892	*GRIA3*	-1.645	-3.128
206569_at	11009	*IL24*	-1.646	-3.130
210203_at	4850	*CNOT4*	-1.646	-3.130
215407_s_at	23245	*ASTN2*	-1.647	-3.132
221340_at	1046	*CDX4*	-1.647	-3.132
208027_s_at	7093	*TLL2*	-1.647	-3.133
208144_s_at	---	---	-1.648	-3.135
211095_at	4763	*NF1*	-1.648	-3.135
61732_r_at	80173	*IFT74*	-1.649	-3.136
207421_at	763	*CA5A*	-1.649	-3.137
216561_x_at	6660	*SOX5*	-1.650	-3.138
207663_x_at	2575	*GAGE3*	-1.651	-3.140
220733_at	10861	*SLC26A1*	-1.653	-3.144
214725_at	157869	*C8orf84*	-1.653	-3.145
207406_at	1581	*CYP7A1*	-1.655	-3.148
220075_s_at	53841	*MUPCDH*	-1.655	-3.150
215993_at	---	---	-1.656	-3.150
220111_s_at	57101	*ANO2*	-1.656	-3.152
211322_s_at	1757	*SARDH*	-1.658	-3.156
206787_at	676	*BRDT*	-1.659	-3.158
210263_at	3754	*KCNF1*	-1.659	-3.159
220405_at	54212	*SNTG1*	-1.660	-3.160
211923_s_at	57573	*ZNF471*	-1.662	-3.163

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
211196_at	1629	*DBT*	-1.662	-3.164
221282_x_at	860	*RUNX2*	-1.663	-3.167
214612_x_at	4105	*MAGEA6*	-1.664	-3.169
221174_at	---	---	-1.664	-3.170
208193_at	3578	*IL9*	-1.665	-3.171
205869_at	5644	*PRSS1*	-1.665	-3.171
217070_at	4524	*MTHFR*	-1.666	-3.173
222189_at	---	---	-1.666	-3.174
221108_at	51233	*C22orf43*	-1.666	-3.174
205857_at	6571	*SLC18A2*	-1.667	-3.176
208350_at	1446	*CSN1S1*	-1.668	-3.178
217431_x_at	1536	*CYBB*	-1.669	-3.180
220117_at	79750	*ZNF385D*	-1.670	-3.182
37145_at	10578	*GNLY*	-1.670	-3.182
203004_s_at	4209	*MEF2D*	-1.670	-3.182
214161_at	734	*OSGIN2*	-1.672	-3.187
216743_at	---	---	-1.672	-3.188
208227_x_at	53616	*ADAM22*	-1.673	-3.188
222270_at	57223	*SMEK2*	-1.673	-3.189
217298_at	---	---	-1.673	-3.190
214344_at	92973	*LOC92973*	-1.674	-3.190
208226_x_at	53616	*ADAM22*	-1.676	-3.195
216967_at	100288551	*LOC100288551*	-1.676	-3.195
207280_at	91445	*RNF185*	-1.676	-3.196
211120_x_at	2100	*ESR2*	-1.676	-3.196
220551_at	57084	*SLC17A6*	-1.678	-3.200
207051_at	10050	*SLC17A4*	-1.680	-3.205
210604_at	2780	*GNAT2*	-1.683	-3.210
221991_at	11248	*NXPH3*	-1.684	-3.213
220384_at	51314	*TXNDC3*	-1.684	-3.214
215686_x_at	7021	*TFAP2B*	-1.686	-3.218
222211_x_at	54581	*SCAND2*	-1.686	-3.219
210850_s_at	2002	*ELK1*	-1.688	-3.223
211892_s_at	5740	*PTGIS*	-1.691	-3.229
217108_at	---	---	-1.692	-3.231
219532_at	6785	*ELOVL4*	-1.693	-3.233
210383_at	6323	*SCN1A*	-1.695	-3.238
205311_at	1644	*DDC*	-1.695	-3.238
207924_x_at	7849	*PAX8*	-1.695	-3.239
220069_at	51807	*TUBA8*	-1.696	-3.241
213744_at	26033	*ATRNL1*	-1.699	-3.247
206780_at	2572	*GAD2*	-1.699	-3.248
206045_s_at	8715	*NOL4*	-1.701	-3.252
207118_s_at	8511	*MMP23A*	-1.702	-3.254
219945_at	29118	*DDX25*	-1.703	-3.255
215297_at	441204	*hCG_2009921*	-1.704	-3.258
210388_at	5330	*PLCB2*	-1.706	-3.262
214205_x_at	10539	*GLRX3*	-1.706	-3.262

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
205533_s_at	1004	*CDH6*	-1.706	-3.263
210690_at	8302	*KLRC4*	-1.709	-3.269
211522_s_at	2798	*GNRHR*	-1.710	-3.270
219738_s_at	5101	*PCDH9*	-1.710	-3.271
216171_at	---	---	-1.710	-3.272
209560_s_at	8788	*DLK1*	-1.710	-3.272
221366_at	4825	*NKX6-1*	-1.712	-3.275
216665_s_at	60439	*TTTY2*	-1.713	-3.278
216414_at	---	---	-1.714	-3.281
220556_at	23439	*ATP1B4*	-1.715	-3.284
206372_at	4618	*MYF6*	-1.716	-3.285
39402_at	3553	*IL1B*	-1.716	-3.286
210767_at	4771	*NF2*	-1.717	-3.288
220970_s_at	85294	*KRTAP2-4*	-1.717	-3.289
215381_at	2475	*FRAP1*	-1.719	-3.291
215447_at	7035	*TFPI*	-1.719	-3.293
206895_at	5506	*PPP1R3A*	-1.721	-3.296
207397_s_at	3239	*HOXD13*	-1.722	-3.300
204540_at	1917	*EEF1A2*	-1.724	-3.303
207371_at	---	---	-1.727	-3.311
215219_at	9980	*DOPEY2*	-1.727	-3.311
216087_at	---	---	-1.728	-3.313
222384_at	284649	*DKFZP564C196*	-1.728	-3.313
218691_s_at	8572	*PDLIM4*	-1.729	-3.315
202885_s_at	5519	*PPP2R1B*	-1.731	-3.319
217663_at	10780	*ZNF234*	-1.732	-3.321
216192_at	2173	*FABP7*	-1.732	-3.323
216487_at	---	---	-1.733	-3.325
216853_x_at	28797	*IGLV3-19*	-1.737	-3.333
210409_at	653483	*C6orf124*	-1.738	-3.335
215103_at	1562	*CYP2C18*	-1.739	-3.337
202063_s_at	6400	*SEL1L*	-1.740	-3.340
207852_at	6374	*CXCL5*	-1.740	-3.341
220415_at	51086	*TNNI3K*	-1.741	-3.342
213663_s_at	100288944	*LOC100292884*	-1.741	-3.343
205302_at	3484	*IGFBP1*	-1.742	-3.344
216921_s_at	3886	*KRT35*	-1.743	-3.347
206064_s_at	23759	*PPIL2*	-1.743	-3.348
221106_at	51310	*SLC22A17*	-1.743	-3.348
217282_at	10905	*MAN1A2*	-1.745	-3.351
205065_at	5167	*ENPP1*	-1.745	-3.352
211739_x_at	1442	*CSH1*	-1.746	-3.354
206294_at	3284	*HSD3B2*	-1.747	-3.356
204915_s_at	6664	*SOX11*	-1.747	-3.356
216754_at	---	---	-1.748	-3.358
206981_at	6329	*SCN4A*	-1.748	-3.359
202015_x_at	---	---	-1.748	-3.359
209347_s_at	4094	*MAF*	-1.749	-3.362

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
206645_s_at	190	*NR0B1*	-1.750	-3.364
220205_at	7179	*TPTE*	-1.751	-3.365
216674_at	54626	*HES2*	-1.752	-3.368
210121_at	8707	*B3GALT2*	-1.752	-3.368
220307_at	51744	*CD244*	-1.752	-3.369
209755_at	23057	*NMNAT2*	-1.753	-3.370
215192_at	5382	*PMS2L4*	-1.754	-3.373
216793_x_at	---	---	-1.754	-3.374
209943_at	26235	*FBXL4*	-1.758	-3.382
211667_x_at	---	---	-1.758	-3.383
205837_s_at	2993	*GYPA*	-1.760	-3.388
207934_at	5988	*RFPL1*	-1.762	-3.391
205845_at	8912	*CACNA1H*	-1.763	-3.393
220611_at	1600	*DAB1*	-1.766	-3.402
221681_s_at	1834	*DSPP*	-1.767	-3.403
219309_at	79640	*CTA-216E10.6*	-1.767	-3.404
217624_at	11333	*PDAP1*	-1.769	-3.408
210221_at	1136	*CHRNA3*	-1.770	-3.409
216889_s_at	3172	*HNF4A*	-1.770	-3.411
215826_x_at	90485	*ZNF835*	-1.771	-3.412
204424_s_at	55885	*LMO3*	-1.772	-3.414
222298_at	---	---	-1.772	-3.416
215335_at	---	---	-1.772	-3.416
215675_at	100129648	*LOC100129648*	-1.774	-3.421
213972_at	2297	*FOXD1*	-1.775	-3.423
217470_at	---	---	-1.776	-3.426
208560_at	3744	*KCNA10*	-1.777	-3.427
212524_x_at	3014	*H2AFX*	-1.777	-3.428
216378_at	---	---	-1.778	-3.430
207325_x_at	4100	*MAGEA1*	-1.778	-3.430
205828_at	4314	*MMP3*	-1.778	-3.431
216914_at	995	*CDC25C*	-1.779	-3.432
214477_at	4298	*MLLT1*	-1.781	-3.436
217500_at	7073	*TIAL1*	-1.781	-3.436
207854_at	2996	*GYPE*	-1.781	-3.438
214522_x_at	3013	*HIST1H2AD*	-1.783	-3.441
209469_at	2823	*GPM6A*	-1.783	-3.442
209918_at	91227	*GGTLC2*	-1.785	-3.445
215468_at	647070	*LOC647070*	-1.786	-3.449
220211_at	79857	*FLJ13224*	-1.788	-3.453
221037_s_at	83447	*SLC25A31*	-1.788	-3.455
213692_s_at	7421	*VDR*	-1.789	-3.455
211811_s_at	56142	*PCDHA6*	-1.791	-3.462
214571_at	2248	*FGF3*	-1.791	-3.462
207580_at	4115	*MAGEB4*	-1.793	-3.466
220716_at	80060	*GNL3LP*	-1.794	-3.468
220190_s_at	11036	*GTF2A1L*	-1.795	-3.469
220167_s_at	24150	*TP53TG3*	-1.795	-3.471

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
220680_at	55225	*RAVER2*	-1.797	-3.476
207409_at	3950	*LECT2*	-1.798	-3.476
220042_x_at	59269	*HIVEP3*	-1.799	-3.480
210847_x_at	8718	*TNFRSF25*	-1.800	-3.482
214284_s_at	8817	*FGF18*	-1.800	-3.483
207208_at	27288	*RBMXL2*	-1.800	-3.483
214476_at	7032	*TFF2*	-1.802	-3.488
216277_at	699	*BUB1*	-1.803	-3.489
220763_at	259217	*HSPA12A*	-1.803	-3.490
217345_at	---	---	-1.803	-3.490
215594_at	---	---	-1.804	-3.491
211310_at	2145	*EZH1*	-1.805	-3.495
204430_s_at	6518	*SLC2A5*	-1.806	-3.497
208016_s_at	185	*AGTR1*	-1.807	-3.498
203850_s_at	547	*KIF1A*	-1.807	-3.500
220649_at	340351	*AGBL3*	-1.809	-3.504
210454_s_at	3763	*KCNJ6*	-1.810	-3.507
206462_s_at	4916	*NTRK3*	-1.812	-3.511
207074_s_at	6570	*SLC18A1*	-1.812	-3.512
220785_at	10911	*UTS2*	-1.812	-3.512
206655_s_at	2812	*GP1BB*	-1.815	-3.519
210379_s_at	9874	*TLK1*	-1.815	-3.519
32540_at	5533	*PPP3CC*	-1.815	-3.520
209700_x_at	9659	*PDE4DIP*	-1.816	-3.521
221863_at	54531	*MIER2*	-1.816	-3.521
204561_x_at	344	*APOC2*	-1.816	-3.522
206180_x_at	65988	*ZNF747*	-1.817	-3.523
214410_at	4308	*TRPM1*	-1.817	-3.523
211078_s_at	6788	*STK3*	-1.819	-3.527
206195_x_at	2689	*GH2*	-1.820	-3.531
207106_s_at	4058	*LTK*	-1.822	-3.535
211112_at	6560	*SLC12A4*	-1.822	-3.537
207301_at	1946	*EFNA5*	-1.825	-3.544
213920_at	23316	*CUX2*	-1.826	-3.545
217126_at	---	---	-1.826	-3.545
220583_at	---	---	-1.827	-3.548
210292_s_at	27328	*PCDH11X*	-1.829	-3.553
221134_at	51378	*ANGPT4*	-1.829	-3.553
206204_at	2888	*GRB14*	-1.830	-3.556
216120_s_at	491	*ATP2B2*	-1.831	-3.557
221278_at	3218	*HOXB8*	-1.832	-3.561
207502_at	2981	*GUCA2B*	-1.833	-3.563
207333_at	4829	*NMBR*	-1.835	-3.567
220993_s_at	81491	*GPR63*	-1.835	-3.567
208145_at	---	---	-1.835	-3.568
220399_at	79854	*NCRNA00115*	-1.839	-3.578
209876_at	9815	*GIT2*	-1.839	-3.578
216289_at	347088	*GPR144*	-1.842	-3.584

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
202999_s_at	4017	*LOXL2*	-1.843	-3.588
211877_s_at	56105	*PCDHGA11*	-1.845	-3.593
206577_at	7432	*VIP*	-1.846	-3.595
207567_at	9058	*SLC13A2*	-1.847	-3.596
AFFX-r2-Bs-phe-5_at	---	---	-1.847	-3.597
210375_at	5733	*PTGER3*	-1.848	-3.600
217283_at	---	---	-1.849	-3.601
221400_at	53904	*MYO3A*	-1.849	-3.602
213780_at	7062	*TCHH*	-1.849	-3.603
213978_at	92154	*MTSS1L*	-1.849	-3.603
220709_at	80032	*ZNF556*	-1.849	-3.603
211897_s_at	1394	*CRHR1*	-1.850	-3.604
214452_at	586	*BCAT1*	-1.850	-3.604
206282_at	4760	*NEUROD1*	-1.851	-3.606
217692_at	548332	*MAGOH2*	-1.851	-3.606
210812_at	7518	*XRCC4*	-1.852	-3.610
214961_at	23281	*KIAA0774*	-1.852	-3.611
208383_s_at	5105	*PCK1*	-1.853	-3.612
207538_at	3565	*IL4*	-1.855	-3.618
215180_at	---	---	-1.858	-3.625
216613_at	---	---	-1.859	-3.628
222278_at	---	---	-1.860	-3.629
220676_at	11095	*ADAMTS8*	-1.860	-3.630
220718_at	80072	*C15orf34*	-1.860	-3.631
217355_at	---	---	-1.861	-3.632
211705_s_at	10580	*SORBS1*	-1.861	-3.632
216965_x_at	23111	*SPG20*	-1.862	-3.635
211425_x_at	6759	*SSX4*	-1.862	-3.635
216635_at	---	---	-1.863	-3.637
204816_s_at	9704	*DHX34*	-1.864	-3.639
212768_s_at	10562	*OLFM4*	-1.864	-3.640
206338_at	1995	*ELAVL3*	-1.865	-3.643
220626_at	51156	*SERPINA10*	-1.865	-3.643
215019_x_at	84436	*ZNF528*	-1.865	-3.643
207994_s_at	4988	*OPRM1*	-1.866	-3.644
211624_s_at	1813	*DRD2*	-1.866	-3.646
206427_s_at	2315	*MLANA*	-1.867	-3.647
209646_x_at	219	*ALDH1B1*	-1.867	-3.648
219741_x_at	79818	*ZNF552*	-1.869	-3.652
211118_x_at	2100	*ESR2*	-1.869	-3.652
207619_at	3061	*HCRTR1*	-1.870	-3.656
216039_at	100132832	*LOC100132832*	-1.871	-3.657
221533_at	26355	*FAM162A*	-1.872	-3.661
217569_x_at	---	---	-1.876	-3.670
216919_at	9537	*TP53I11*	-1.876	-3.670
208543_at	26538	*OR10H2*	-1.876	-3.670
214666_x_at	3658	*IREB2*	-1.877	-3.674
205838_at	2993	*GYPA*	-1.878	-3.674

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
208481_at	51666	*ASB4*	-1.878	-3.676
206145_at	6005	*RHAG*	-1.879	-3.679
217015_at	5928	*RBBP4*	-1.879	-3.679
214518_at	5161	*PDHA2*	-1.883	-3.688
220136_s_at	1412	*CRYBA2*	-1.883	-3.689
215337_at	9862	*MED24*	-1.884	-3.692
220799_at	9247	*GCM2*	-1.885	-3.692
216227_at	80867	*HCG2P7*	-1.886	-3.696
211904_x_at	5893	*RAD52*	-1.886	-3.696
207989_at	4988	*OPRM1*	-1.886	-3.696
204721_s_at	9829	*DNAJC6*	-1.886	-3.697
206470_at	10154	*PLXNC1*	-1.888	-3.700
206292_s_at	6822	*SULT2A1*	-1.889	-3.703
211947_s_at	23215	*BAT2D1*	-1.890	-3.705
216085_at	26105	*DKFZP434C153*	-1.890	-3.707
214606_at	10100	*TSPAN2*	-1.891	-3.709
217401_at	---	---	-1.892	-3.713
222328_x_at	55384	*MEG3*	-1.893	-3.715
220664_at	6702	*SPRR2C*	-1.894	-3.716
206421_s_at	8710	*SERPINB7*	-1.894	-3.718
207588_at	---	---	-1.895	-3.720
213395_at	23209	*MLC1*	-1.896	-3.722
220225_at	50805	*IRX4*	-1.896	-3.722
220232_at	79966	*SCD5*	-1.899	-3.729
207445_s_at	10803	*CCR9*	-1.900	-3.733
215953_at	284649	*DKFZP564C196*	-1.903	-3.740
207770_x_at	1443	*CSH2*	-1.904	-3.741
214400_at	3640	*INSL3*	-1.905	-3.746
214576_at	8689	*KRT36*	-1.907	-3.750
208346_at	10895	*PPBPL2*	-1.909	-3.755
220843_s_at	25879	*DCAF13*	-1.909	-3.756
209851_at	23091	*ZC3H13*	-1.909	-3.756
214872_at	55183	*RIF1*	-1.914	-3.767
207672_at	---	---	-1.914	-3.768
207204_at	25794	*FSCN2*	-1.917	-3.776
214577_at	4131	*MAP1B*	-1.918	-3.779
213825_at	10215	*OLIG2*	-1.921	-3.786
AFFX-r2-Bs-lys-M_at	---	---	-1.921	-3.786
207866_at	353500	*BMP8A*	-1.924	-3.794
204414_at	9215	*LARGE*	-1.926	-3.800
206837_at	8092	*ALX1*	-1.927	-3.802
206676_at	1088	*CEACAM8*	-1.930	-3.810
211659_at	64582	*GPR135*	-1.930	-3.811
211155_s_at	7066	*THPO*	-1.931	-3.813
211886_s_at	6910	*TBX5*	-1.932	-3.815
219225_at	79605	*PGBD5*	-1.932	-3.816
216720_at	113612	*CYP2U1*	-1.934	-3.822
216222_s_at	4651	*MYO10*	-1.938	-3.833

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
217067_s_at	1758	*DMP1*	-1.939	-3.833
204722_at	55800	*SCN3B*	-1.939	-3.836
213543_at	6444	*SGCD*	-1.940	-3.838
208411_x_at	5470	*PPEF2*	-1.941	-3.840
217284_x_at	253190	*SERHL2*	-1.943	-3.846
209887_at	4091	*SMAD6*	-1.944	-3.846
220793_at	55511	*SAGE1*	-1.944	-3.847
219019_at	55367	*LRDD*	-1.945	-3.849
204302_s_at	9811	*KIAA0427*	-1.945	-3.849
204499_at	23287	*AGTPBP1*	-1.946	-3.853
220648_at	105	*ADARB2*	-1.949	-3.862
AFFX-r2-Hs18SrRNA-5_at	---	---	-1.950	-3.865
214463_x_at	8363	*HIST1H4J*	-1.951	-3.865
205884_at	3676	*ITGA4*	-1.951	-3.867
218959_at	3226	*HOXC10*	-1.953	-3.872
219144_at	78986	*DUSP26*	-1.954	-3.875
208111_at	554	*AVPR2*	-1.957	-3.884
215312_at	---	---	-1.960	-3.890
221115_s_at	55891	*LENEP*	-1.960	-3.891
216395_at	80028	*FBXL18*	-1.961	-3.894
219651_at	55211	*DPPA4*	-1.961	-3.894
210769_at	1258	*CNGB1*	-1.961	-3.894
209813_x_at	445347	*TARP*	-1.963	-3.899
205681_at	597	*BCL2A1*	-1.963	-3.899
216155_at	---	---	-1.965	-3.904
222355_at	---	---	-1.965	-3.905
214976_at	6137	*RPL13*	-1.968	-3.913
220281_at	6557	*SLC12A1*	-1.970	-3.917
209976_s_at	1571	*CYP2E1*	-1.971	-3.920
220978_at	81850	*KRTAP1-3*	-1.972	-3.924
219942_at	58498	*MYL7*	-1.976	-3.934
220309_at	55001	*TTC22*	-1.978	-3.938
206898_at	28513	*CDH19*	-1.978	-3.940
214360_at	6597	*SMARCA4*	-1.979	-3.942
206915_at	4821	*NKX2-2*	-1.984	-3.955
211446_at	353299	*RGSL1*	-1.984	-3.956
216517_at	3514	*IGKC*	-1.984	-3.957
203889_at	6447	*SCG5*	-1.986	-3.962
216865_at	7373	*COL14A1*	-1.987	-3.963
215995_x_at	---	---	-1.988	-3.966
214750_at	191585	*PLAC4*	-1.988	-3.968
215837_x_at	---	---	-1.989	-3.970
AFFX-PheX-M_at	---	---	-1.991	-3.976
217358_at	23341	*DNAJC16*	-1.994	-3.984
221298_s_at	9376	*SLC22A8*	-1.996	-3.989
213967_at	138046	*RALYL*	-2.000	-4.000
222210_at	9772	*KIAA0195*	-2.000	-4.000
220549_at	25788	*RAD54B*	-2.003	-4.008

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
214601_at	7166	*TPH1*	-2.003	-4.009
215799_at	---	---	-2.007	-4.020
206847_s_at	3204	*HOXA7*	-2.009	-4.026
206288_at	5229	*PGGT1B*	-2.011	-4.032
211062_s_at	8532	*CPZ*	-2.012	-4.035
217154_s_at	1908	*EDN3*	-2.017	-4.048
216839_at	3908	*LAMA2*	-2.017	-4.049
215532_x_at	57615	*ZNF492*	-2.022	-4.062
211173_at	886	*CCKAR*	-2.024	-4.066
205649_s_at	2243	*FGA*	-2.024	-4.067
213173_at	22990	*PCNX*	-2.024	-4.067
215539_at	---	---	-2.025	-4.070
211476_at	51778	*MYOZ2*	-2.026	-4.073
215941_at	---	---	-2.030	-4.083
208385_at	10002	*NR2E3*	-2.031	-4.088
216191_s_at	6955	*TRA@*	-2.032	-4.090
213774_s_at	---	---	-2.032	-4.090
208175_s_at	1758	*DMP1*	-2.032	-4.091
205876_at	3977	*LIFR*	-2.033	-4.093
216872_at	27251	*HR44*	-2.033	-4.094
207846_at	5449	*POU1F1*	-2.034	-4.096
214391_x_at	5731	*PTGER1*	-2.036	-4.100
208585_at	54718	*BTN2A3*	-2.039	-4.111
201907_x_at	1857	*DVL3*	-2.040	-4.113
210997_at	3082	*HGF*	-2.041	-4.117
205938_at	22843	*PPM1E*	-2.042	-4.119
217425_at	4158	*MC2R*	-2.042	-4.120
206869_at	1101	*CHAD*	-2.046	-4.129
217524_x_at	---	---	-2.047	-4.132
211213_at	5001	*ORC5L*	-2.048	-4.136
211305_x_at	2204	*FCAR*	-2.049	-4.138
206057_x_at	6693	*SPN*	-2.051	-4.145
211836_s_at	4340	*MOG*	-2.054	-4.152
207468_s_at	6425	*SFRP5*	-2.054	-4.153
211649_x_at	3492	*IGH@*	-2.055	-4.156
221623_at	63827	*BCAN*	-2.057	-4.162
217580_x_at	---	---	-2.058	-4.163
209612_s_at	125	*ADH1B*	-2.059	-4.166
205517_at	2626	*GATA4*	-2.061	-4.174
219171_s_at	7776	*ZNF236*	-2.062	-4.177
207916_at	---	---	-2.064	-4.182
208559_at	3651	*PDX1*	-2.068	-4.193
222345_at	---	---	-2.069	-4.195
220499_at	54752	*FNDC8*	-2.069	-4.195
216881_x_at	5545	*PRB4*	-2.069	-4.195
208303_s_at	64109	*CRLF2*	-2.071	-4.201
208085_s_at	395	*ARHGAP6*	-2.072	-4.205
219989_s_at	56899	*ANKS1B*	-2.074	-4.212

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
210917_at	7525	*YES1*	-2.074	-4.212
217387_at	827	*CAPN6*	-2.075	-4.214
215564_at	374	*AREG*	-2.076	-4.217
211064_at	284443	*ZNF493*	-2.076	-4.218
209768_s_at	2812	*GP1BB*	-2.081	-4.232
215080_s_at	116986	*AGAP2*	-2.082	-4.233
216648_s_at	100288758	*LOC100288758*	-2.083	-4.237
208090_s_at	326	*AIRE*	-2.083	-4.238
205440_s_at	4886	*NPY1R*	-2.085	-4.241
215663_at	4154	*MBNL1*	-2.085	-4.244
222259_s_at	23626	*SPO11*	-2.086	-4.246
206323_x_at	4983	*OPHN1*	-2.088	-4.250
217132_at	---	---	-2.091	-4.259
205038_at	10320	*IKZF1*	-2.091	-4.260
210441_at	8556	*CDC14A*	-2.091	-4.262
220830_at	50939	*IMPG2*	-2.092	-4.263
216884_at	5782	*PTPN12*	-2.094	-4.268
208098_at	81797	*OR12D3*	-2.094	-4.270
218790_s_at	55217	*TMLHE*	-2.095	-4.271
220490_at	---	---	-2.095	-4.272
211390_at	90634	*N4BP2L1*	-2.100	-4.286
217695_x_at	---	---	-2.103	-4.295
214905_at	5923	*RASGRF1*	-2.106	-4.304
207256_at	4153	*MBL2*	-2.107	-4.309
213938_at	26059	*ERC2*	-2.111	-4.320
221275_s_at	---	---	-2.113	-4.326
206017_at	9856	*KIAA0319*	-2.113	-4.326
212924_s_at	25804	*LSM4*	-2.114	-4.328
220722_s_at	60482	*SLC5A7*	-2.114	-4.328
206601_s_at	3232	*HOXD3*	-2.120	-4.348
206977_at	5741	*PTH*	-2.126	-4.364
207137_at	4796	*NFKBIL2*	-2.127	-4.368
215264_at	2016	*EMX1*	-2.130	-4.377
205914_s_at	2902	*GRIN1*	-2.132	-4.382
221110_x_at	50940	*PDE11A*	-2.132	-4.385
219832_s_at	3229	*HOXC13*	-2.133	-4.386
222161_at	10003	*NAALAD2*	-2.133	-4.387
216173_at	---	---	-2.133	-4.388
210254_at	932	*MS4A3*	-2.135	-4.391
213369_at	92211	*PCDH21*	-2.135	-4.393
206280_at	1016	*CDH18*	-2.138	-4.400
206134_at	27299	*ADAMDEC1*	-2.138	-4.403
206552_s_at	6863	*TAC1*	-2.139	-4.405
208536_s_at	10018	*BCL2L11*	-2.143	-4.417
209867_s_at	23284	*LPHN3*	-2.143	-4.418
211736_at	6668	*SP2*	-2.144	-4.421
207818_s_at	3363	*HTR7*	-2.149	-4.435
210697_at	113835	*ZNF257*	-2.151	-4.440

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34471_at	4626	*MYH8*	-2.151	-4.440
222223_s_at	26525	*IL1F5*	-2.152	-4.443
215101_s_at	6374	*CXCL5*	-2.152	-4.444
210089_s_at	3910	*LAMA4*	-2.154	-4.451
209978_s_at	4018	*LPA*	-2.155	-4.455
205947_s_at	7434	*VIPR2*	-2.158	-4.462
221167_s_at	83446	*CCDC70*	-2.158	-4.462
207664_at	2515	*ADAM2*	-2.158	-4.464
208576_s_at	8358	*HIST1H3B*	-2.159	-4.465
219841_at	57379	*AICDA*	-2.163	-4.478
216059_at	5077	*PAX3*	-2.163	-4.479
204606_at	6366	*CCL21*	-2.164	-4.483
216575_at	---	---	-2.173	-4.510
205650_s_at	2243	*FGA*	-2.173	-4.511
AFFX-TrpnX-M_at	---	---	-2.174	-4.512
210784_x_at	79168	*LILRA6*	-2.174	-4.514
205563_at	3814	*KISS1*	-2.175	-4.517
214242_at	10905	*MAN1A2*	-2.182	-4.538
220880_at	---	---	-2.183	-4.541
220657_at	55175	*KLHL11*	-2.184	-4.544
207796_x_at	3824	*KLRD1*	-2.189	-4.559
215008_at	7093	*TLL2*	-2.193	-4.571
217036_at	100293679	*LOC100293679*	-2.199	-4.591
206603_at	6517	*SLC2A4*	-2.203	-4.604
220507_s_at	51733	*UPB1*	-2.203	-4.606
204910_s_at	10612	*TRIM3*	-2.204	-4.607
207651_at	29909	*GPR171*	-2.204	-4.607
207775_at	79150	*MGC4859*	-2.205	-4.610
207612_at	7479	*WNT8B*	-2.208	-4.619
216831_s_at	862	*RUNX1T1*	-2.209	-4.623
208460_at	10052	*GJC1*	-2.209	-4.625
220888_s_at	57091	*CASS4*	-2.209	-4.625
215713_at	---	---	-2.211	-4.629
203998_s_at	6857	*SYT1*	-2.211	-4.630
214495_at	10369	*CACNG2*	-2.213	-4.635
211496_s_at	5132	*PDC*	-2.215	-4.643
220767_at	---	---	-2.217	-4.648
215880_at	4669	*NAGLU*	-2.221	-4.663
215970_at	100130331	*LOC100130331*	-2.224	-4.672
220456_at	55304	*SPTLC3*	-2.227	-4.681
216742_at	---	---	-2.228	-4.684
213458_at	317662	*FAM149B1*	-2.232	-4.697
205675_at	4547	*MTTP*	-2.233	-4.702
207174_at	2262	*GPC5*	-2.234	-4.704
215361_at	80005	*DOCK5*	-2.235	-4.707
215911_x_at	492	*ATP2B3*	-2.237	-4.713
208245_at	9366	*RAB9P1*	-2.240	-4.725
206749_at	910	*CD1B*	-2.242	-4.732

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216027_at	56255	*TMX4*	-2.248	-4.750
217533_x_at	---	---	-2.248	-4.752
210885_s_at	89870	*TRIM15*	-2.250	-4.757
206640_x_at	729422	*GAGE12C*	-2.251	-4.759
AFFX-DapX-3_at	---	---	-2.251	-4.760
216009_at	55334	*SLC39A9*	-2.255	-4.774
215140_at	100128570	*LOC100128570*	-2.256	-4.775
208048_at	6869	*TACR1*	-2.257	-4.780
207863_at	141	*ADPRH*	-2.258	-4.784
215666_at	3126	*HLA-DRB4*	-2.265	-4.808
210525_x_at	90141	*C14orf143*	-2.268	-4.818
214904_at	7592	*ZNF41*	-2.271	-4.827
205916_at	6278	*S100A7*	-2.272	-4.829
217570_x_at	---	---	-2.272	-4.829
208402_at	3605	*IL17A*	-2.272	-4.831
211611_s_at	1388	*ATF6B*	-2.276	-4.844
216143_at	---	---	-2.282	-4.864
203559_s_at	26	*ABP1*	-2.282	-4.865
220198_s_at	56648	*EIF5A2*	-2.283	-4.868
217708_x_at	---	---	-2.286	-4.878
211601_at	856	*CATR1*	-2.292	-4.896
215522_at	22986	*SORCS3*	-2.293	-4.902
211534_x_at	5799	*PTPRN2*	-2.294	-4.903
217541_x_at	125893	*ZNF816A*	-2.296	-4.910
214954_at	26032	*SUSD5*	-2.297	-4.915
220271_x_at	64800	*EFCAB6*	-2.298	-4.918
205629_s_at	1392	*CRH*	-2.301	-4.927
220827_at	---	---	-2.304	-4.938
208305_at	5241	*PGR*	-2.305	-4.941
40284_at	3170	*FOXA2*	-2.306	-4.944
222329_x_at	---	---	-2.316	-4.979
206779_s_at	438	*ASMT*	-2.316	-4.981
211697_x_at	56902	*PNO1*	-2.318	-4.986
217394_at	---	---	-2.324	-5.008
206422_at	2641	*GCG*	-2.324	-5.008
210143_at	11199	*ANXA10*	-2.332	-5.034
207825_s_at	2692	*GHRHR*	-2.339	-5.059
221328_at	26285	*CLDN17*	-2.339	-5.060
211109_at	3718	*JAK3*	-2.341	-5.065
207097_s_at	10246	*SLC17A2*	-2.341	-5.067
221351_at	3350	*HTR1A*	-2.353	-5.108
205903_s_at	3782	*KCNN3*	-2.353	-5.109
205713_s_at	1311	*COMP*	-2.355	-5.117
215480_at	57242	*KIAA0509*	-2.355	-5.117
215047_at	25893	*TRIM58*	-2.357	-5.122
213630_at	23148	*NACAD*	-2.359	-5.131
209752_at	5967	*REG1A*	-2.359	-5.132
218925_s_at	64776	*C11orf1*	-2.361	-5.137

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
220492_s_at	9381	*OTOF*	-2.361	-5.137
208014_x_at	---	---	-2.362	-5.142
208375_at	3439	*IFNA1*	-2.364	-5.148
207579_at	4114	*MAGEB3*	-2.366	-5.154
220360_at	79725	*THAP9*	-2.367	-5.159
216154_at	---	---	-2.368	-5.163
216777_at	---	---	-2.373	-5.181
205216_s_at	350	*APOH*	-2.374	-5.184
211633_x_at	3500	*IGHG1*	-2.381	-5.209
206070_s_at	2042	*EPHA3*	-2.381	-5.209
217357_at	---	---	-2.381	-5.210
207479_at	---	---	-2.384	-5.220
206922_at	9084	*VCY*	-2.384	-5.221
220870_at	---	---	-2.387	-5.230
205958_x_at	1444	*CSHL1*	-2.395	-5.260
210487_at	1791	*DNTT*	-2.396	-5.265
210814_at	7222	*TRPC3*	-2.397	-5.269
214963_at	23279	*NUP160*	-2.398	-5.271
206089_at	4745	*NELL1*	-2.398	-5.272
211565_at	6457	*SH3GL3*	-2.399	-5.276
214541_s_at	9444	*QKI*	-2.401	-5.283
214094_at	8880	*FUBP1*	-2.402	-5.286
212555_at	5575	*PRKAR1B*	-2.403	-5.290
207862_at	7379	*UPK2*	-2.405	-5.298
208422_at	4481	*MSR1*	-2.407	-5.303
221948_s_at	84861	*KLHL22*	-2.407	-5.305
216543_at	100093698	*LOC100093698*	-2.413	-5.324
221470_s_at	27178	*IL1F7*	-2.428	-5.382
213066_at	9853	*RUSC2*	-2.430	-5.390
220724_at	80157	*CWH43*	-2.432	-5.398
215119_at	23026	*MYO16*	-2.435	-5.408
214637_at	5008	*OSM*	-2.436	-5.413
215562_at	22996	*TTC39A*	-2.439	-5.421
207147_at	1746	*DLX2*	-2.439	-5.423
211227_s_at	83259	*PCDH11Y*	-2.439	-5.423
213536_s_at	7329	*UBE2I*	-2.439	-5.423
208068_x_at	1442	*CSH1*	-2.448	-5.458
206183_s_at	8916	*HERC3*	-2.449	-5.461
204685_s_at	491	*ATP2B2*	-2.454	-5.478
215112_x_at	23101	*MCF2L2*	-2.455	-5.481
219932_at	28965	*SLC27A6*	-2.455	-5.484
207437_at	4857	*NOVA1*	-2.456	-5.486
208287_at	10255	*HCG9*	-2.464	-5.518
217076_s_at	3232	*HOXD3*	-2.467	-5.528
219847_at	79885	*HDAC11*	-2.468	-5.533
216337_at	---	---	-2.469	-5.535
214162_at	284244	*LOC284244*	-2.470	-5.542
221644_s_at	51151	*SLC45A2*	-2.476	-5.563

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
217565_at	2892	*GRIA3*	-2.479	-5.574
206743_s_at	432	*ASGR1*	-2.479	-5.576
203540_at	2670	*GFAP*	-2.494	-5.632
222322_at	---	---	-2.503	-5.667
215320_at	645961	*LOC645961*	-2.505	-5.676
220909_at	80128	*TRIM46*	-2.511	-5.700
208061_at	---	---	-2.513	-5.709
221393_at	9288	*TAAR3*	-2.514	-5.711
207230_at	50937	*CDON*	-2.517	-5.722
220301_at	79839	*CCDC102B*	-2.520	-5.735
222092_at	11099	*PTPN21*	-2.521	-5.740
204539_s_at	9620	*CELSR1*	-2.530	-5.774
220972_s_at	83899	*KRTAP9-2*	-2.533	-5.787
220914_at	---	---	-2.536	-5.801
207906_at	3562	*IL3*	-2.537	-5.806
205940_at	4621	*MYH3*	-2.548	-5.847
219536_s_at	55734	*ZFP64*	-2.554	-5.874
216153_x_at	8434	*RECK*	-2.555	-5.875
206401_s_at	4137	*MAPT*	-2.559	-5.895
216478_at	---	---	-2.560	-5.897
206952_at	2538	*G6PC*	-2.568	-5.929
206345_s_at	5444	*PON1*	-2.571	-5.943
204914_s_at	6664	*SOX11*	-2.572	-5.946
214120_at	10740	*RFPL1S*	-2.580	-5.977
206616_s_at	53616	*ADAM22*	-2.580	-5.979
216513_at	1638	*DCT*	-2.585	-6.000
217084_at	3493	*IGHA1*	-2.585	-6.000
211520_s_at	2890	*GRIA1*	-2.592	-6.027
211187_at	---	---	-2.595	-6.040
216424_at	920	*CD4*	-2.598	-6.053
215010_s_at	9024	*BRSK2*	-2.606	-6.090
204723_at	55800	*SCN3B*	-2.616	-6.130
217327_at	100287483	*LOC100287483*	-2.616	-6.131
204823_at	89795	*NAV3*	-2.624	-6.163
210546_x_at	246100	*CTAG1A*	-2.627	-6.179
205834_s_at	25859	*PART1*	-2.638	-6.226
221441_at	2928	*GSC2*	-2.645	-6.254
216801_at	---	---	-2.645	-6.255
217409_at	---	---	-2.653	-6.289
215526_at	---	---	-2.666	-6.345
210177_at	89870	*TRIM15*	-2.667	-6.350
209057_x_at	988	*CDC5L*	-2.682	-6.418
206970_at	6900	*CNTN2*	-2.685	-6.430
206155_at	1244	*ABCC2*	-2.685	-6.432
208413_at	100130354	*LOC100130354*	-2.688	-6.443
217338_at	160313	*KRT19P2*	-2.689	-6.448
207201_s_at	6580	*SLC22A1*	-2.695	-6.475
220462_at	80034	*CSRNP3*	-2.700	-6.500

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
213435_at	23314	*SATB2*	-2.710	-6.545
203784_s_at	55794	*DDX28*	-2.720	-6.590
208341_x_at	1443	*CSH2*	-2.721	-6.595
206438_x_at	79867	*TCTN2*	-2.726	-6.617
211878_at	3500	*IGHG1*	-2.732	-6.645
213808_at	---	---	-2.739	-6.675
213268_at	23261	*CAMTA1*	-2.741	-6.687
217564_s_at	1373	*CPS1*	-2.747	-6.714
211619_s_at	250	*ALPP*	-2.754	-6.745
208028_s_at	2880	*GPX5*	-2.781	-6.872
207918_s_at	728395	*LOC728395*	-2.782	-6.878
206135_at	9705	*ST18*	-2.783	-6.884
210630_s_at	5893	*RAD52*	-2.790	-6.917
220629_at	55539	*KCNQ1DN*	-2.790	-6.918
220850_at	27136	*MORC1*	-2.796	-6.947
216830_at	100290629	*LOC100290629*	-2.806	-6.993
216861_at	---	---	-2.807	-7.000
203807_x_at	1443	*CSH2*	-2.811	-7.020
215182_x_at	---	---	-2.813	-7.028
212962_at	85360	*SYDE1*	-2.817	-7.046
214589_at	2257	*FGF12*	-2.824	-7.080
206877_at	4084	*MXD1*	-2.828	-7.100
220619_at	55636	*CHD7*	-2.850	-7.210
215517_at	26108	*PYGO1*	-2.851	-7.214
222308_x_at	---	---	-2.852	-7.222
211179_at	861	*RUNX1*	-2.857	-7.243
206255_at	640	*BLK*	-2.862	-7.271
216179_x_at	---	---	-2.866	-7.288
210496_at	57051	*NAG18*	-2.867	-7.295
221130_s_at	---	---	-2.879	-7.357
211523_at	2798	*GNRHR*	-2.881	-7.367
220433_at	79057	*PRRG3*	-2.882	-7.374
207293_s_at	186	*AGTR2*	-2.887	-7.396
217169_at	3493	*IGHA1*	-2.896	-7.443
206084_at	5801	*PTPRR*	-2.906	-7.494
214044_at	6262	*RYR2*	-2.915	-7.543
214621_at	2998	*GYS2*	-2.920	-7.566
220726_at	---	---	-2.924	-7.590
216876_s_at	3605	*IL17A*	-2.925	-7.594
205307_s_at	8564	*KMO*	-2.929	-7.615
214390_s_at	586	*BCAT1*	-2.930	-7.624
204913_s_at	6664	*SOX11*	-2.934	-7.640
216649_at	100288758	*LOC100288758*	-2.940	-7.676
208321_s_at	9478	*CABP1*	-2.961	-7.787
206717_at	4626	*MYH8*	-2.989	-7.938
206189_at	8633	*UNC5C*	-2.990	-7.942
217392_at	29994	*BAZ2B*	-2.996	-7.979
217063_x_at	6964	*TRD@*	-2.997	-7.983

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216818_s_at	26707	*OR2J2*	-3.003	-8.018
210834_s_at	5733	*PTGER3*	-3.007	-8.040
211524_at	4791	*NFKB2*	-3.020	-8.110
222084_s_at	6305	*SBF1*	-3.020	-8.114
206998_x_at	5544	*PRB3*	-3.024	-8.136
216533_at	5095	*PCCA*	-3.053	-8.302
206172_at	3598	*IL13RA2*	-3.059	-8.333
207356_at	1673	*DEFB4*	-3.062	-8.352
215324_at	223117	*SEMA3D*	-3.067	-8.382
205984_at	1393	*CRHBP*	-3.068	-8.387
222337_at	---	---	-3.074	-8.422
216948_at	---	---	-3.098	-8.564
222183_x_at	22938	*SNW1*	-3.113	-8.654
211306_s_at	2204	*FCAR*	-3.115	-8.667
220673_s_at	57718	*PPP4R4*	-3.122	-8.705
206849_at	2566	*GABRG2*	-3.130	-8.753
211585_at	4863	*NPAT*	-3.145	-8.848
207302_at	6445	*SGCG*	-3.146	-8.854
210181_s_at	9478	*CABP1*	-3.152	-8.886
211324_s_at	84220	*RGPD5*	-3.160	-8.936
206423_at	10218	*ANGPTL7*	-3.160	-8.941
211570_s_at	5913	*RAPSN*	-3.161	-8.946
215025_at	4916	*NTRK3*	-3.172	-9.014
208427_s_at	1993	*ELAVL2*	-3.179	-9.057
208571_at	8125	*ANP32A*	-3.191	-9.130
220787_at	---	---	-3.194	-9.154
221086_s_at	55079	*FEZF2*	-3.197	-9.169
207271_x_at	10407	*SPAG11B*	-3.215	-9.286
210747_at	3119	*HLA-DQB1*	-3.242	-9.459
216616_at	---	---	-3.251	-9.522
211870_s_at	56145	*PCDHA3*	-3.254	-9.543
207869_s_at	8913	*CACNA1G*	-3.268	-9.635
AFFX-ThrX-M_at	---	---	-3.271	-9.654
215172_at	653129	*PTPN20A*	-3.324	-10.014
211427_s_at	3769	*KCNJ13*	-3.327	-10.037
211050_x_at	642780	*DKFZP434B2016*	-3.329	-10.049
208225_at	2263	*FGFR2*	-3.372	-10.354
211821_x_at	2993	*GYPA*	-3.378	-10.395
210911_at	84099	*ID2B*	-3.470	-11.083
215309_at	641339	*ZNF674*	-3.532	-11.571
210632_s_at	6442	*SGCA*	-3.550	-11.710
205703_at	---	---	-3.607	-12.189
213764_s_at	8076	*MFAP5*	-3.631	-12.389
220022_at	55713	*ZNF334*	-3.645	-12.514
207626_s_at	6542	*SLC7A2*	-3.659	-12.635
205029_s_at	2173	*FABP7*	-3.703	-13.022
221431_s_at	81797	*OR12D3*	-3.742	-13.378
216981_x_at	6693	*SPN*	-3.783	-13.764

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
216156_at	8434	*RECK*	-3.807	-14.000
210190_at	8676	*STX11*	-3.917	-15.102
217086_at	1142	*CHRNB3*	-3.970	-15.676
211568_at	577	*BAI3*	-3.979	-15.769
205358_at	2891	*GRIA2*	-4.048	-16.543
205421_at	6581	*SLC22A3*	-4.121	-17.400
AFFX-r2-Bs-dap-M_at	---	---	-4.572	-23.786
208262_x_at	4210	*MEFV*	-5.102	-34.355

FC- Fold Change; abs_FC- Absolute Fold Change.

Table S3. Differentially expressed genes in nasal biopsies from patients with IAR versus healthy controls

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38194_s_at	50802	*IGK*	10.589	1540.009
31511_at	6203	*RPS9*	10.265	1230.877
32275_at	6590	*SLPI*	9.850	923.113
33674_at	6159	*RPL29*	9.466	707.006
31722_at	6122	*RPL3*	9.096	547.216
32330_at	6205	*RPS11*	9.010	515.714
41164_at	3507	*IGHM*	8.725	423.258
32318_s_at	60	*ACTB*	8.680	410.021
39798_at	6234	*RPS28*	8.548	374.358
37006_at	3512	*IGJ*	8.518	366.459
40134_at	9551	*ATP5J2*	8.440	347.308
36617_at	3397	*ID1*	8.413	340.850
41152_f_at	6173	*RPL36A*	8.332	322.310
36666_at	5034	*P4HB*	8.318	319.231
32276_at	6161	*RPL32*	8.288	312.607
35566_f_at	3500	*IGHG1*	8.276	310.029
33677_at	6152	*RPL24*	8.235	301.291
347_s_at	6228	*RPS23*	8.208	295.611
31957_r_at	6176	*RPLP1*	8.135	281.078
35926_s_at	4069	*LYZ*	8.085	271.488
36785_at	3315	*HSPB1*	8.049	264.892
38138_at	6282	*S100A11*	8.039	263.090
37864_s_at	3492	*IGH*	7.986	253.466
1367_f_at	7316	*UBC*	7.984	253.097
39680_at	6779	*STATH*	7.907	239.993
39025_at	201725	*C4orf46*	7.899	238.735
37005_at	4681	*NBL1*	7.892	237.583
34645_at	6188	*RPS3*	7.713	209.758
37669_s_at	481	*ATP1B1*	7.659	202.071
39775_at	710	*SERPING1*	7.617	196.342
31505_at	6132	*RPL8*	7.617	196.274
33994_g_at	4637	*MYL6*	7.616	196.169
31568_at	6204	*RPS10*	7.592	192.977
39755_at	7494	*XBP1*	7.579	191.148
40164_at	396	*ARHGDIA*	7.565	189.358
34085_at	6169	*RPL38*	7.510	182.216
41220_at	---	*40430*	7.507	181.935
35083_at	2512	*FTL*	7.452	175.075
39740_g_at	4666	*NACA*	7.447	174.466
36358_at	6133	*RPL9*	7.399	168.795
31583_at	6202	*RPS8*	7.371	165.542
700_s_at	4582	*MUC1*	7.359	164.142
33116_f_at	6206	*RPS12*	7.345	162.632
769_s_at	302	*ANXA2*	7.318	159.525
AFFX-BioC-5_at	---	---	7.280	155.417

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
32412_at	6208	*RPS14*	7.272	154.601
36775_f_at	5542	*PRB1*	7.256	152.872
37027_at	79026	*AHNAK*	7.239	151.101
31955_at	2197	*FAU*	7.215	148.593
1366_i_at	7316	*UBC*	7.175	144.492
424_s_at	2260	*FGFR1*	7.161	143.068
33988_at	7009	*TMBIM6*	7.156	142.570
32748_at	6232	*RPS27*	7.075	134.865
37912_at	9618	*TRAF4*	7.049	132.457
33657_at	6164	*RPL34*	7.036	131.222
428_s_at	567	*B2M*	7.030	130.689
39830_at	6155	*RPL27*	7.009	128.765
1235_at	7534	*YWHAZ*	7.000	127.978
33656_at	6167	*RPL37*	6.998	127.780
41741_at	5935	*RBM3*	6.982	126.456
37450_r_at	2778	*GNAS*	6.982	126.439
37897_s_at	7033	*TFF3*	6.939	122.712
38738_at	6612	*SUMO3*	6.908	120.091
34400_at	27089	*UQCRQ*	6.890	118.641
34570_at	6233	*RPS27A*	6.886	118.279
34609_g_at	10399	*GNB2L1*	6.882	117.911
36482_s_at	489	*ATP2A3*	6.879	117.697
34160_at	71	*ACTG1*	6.872	117.114
41155_at	1495	*CTNNA1*	6.813	112.478
37746_r_at	6764	*ST5*	6.792	110.852
41213_at	5052	*PRDX1*	6.791	110.772
31952_at	6128	*RPL6*	6.766	108.846
38021_at	5339	*PLEC1*	6.764	108.659
33915_at	84193	*SETD3*	6.761	108.427
1315_at	4946	*OAZ1*	6.690	103.264
AFFX-CreX-3_at	---	---	6.648	100.297
37675_at	5250	*SLC25A3*	6.646	100.129
691_g_at	5034	*P4HB*	6.635	99.388
32529_at	10970	*CKAP4*	6.634	99.328
40887_g_at	1915	*EEF1A1*	6.619	98.290
32885_f_at	5542	*PRB1*	6.603	97.200
35278_at	6235	*RPS29*	6.570	95.039
39856_at	6166	*RPL36AL*	6.550	93.699
676_g_at	8519	*IFITM1*	6.539	93.009
31962_at	6168	*RPL37A*	6.528	92.311
719_g_at	5654	*HTRA1*	6.528	92.275
33659_at	1072	*CFL1*	6.518	91.654
41094_at	5304	*PIP*	6.499	90.452
39866_at	23326	*USP22*	6.489	89.850
39756_g_at	7494	*XBP1*	6.464	88.269
40125_at	821	*CANX*	6.463	88.188
38016_at	3184	*HNRNPD*	6.418	85.483
41153_f_at	1495	*CTNNA1*	6.417	85.445

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38752_r_at	521	*ATP5I*	6.416	85.362
38751_i_at	521	*ATP5I*	6.405	84.714
34307_at	9375	*TM9SF2*	6.403	84.620
32909_at	362	*AQP5*	6.402	84.580
32340_s_at	4904	*YBX1*	6.399	84.373
39155_at	5709	*PSMD3*	6.396	84.234
34647_at	1655	*DDX5*	6.376	83.036
32324_at	7529	*YWHAB*	6.358	82.044
34302_at	8666	*EIF3G*	6.338	80.889
36651_at	53	*ACP2*	6.310	79.366
955_at	801	*CALM1*	6.304	78.988
39758_f_at	3916	*LAMP1*	6.299	78.716
33667_at	5478	*PPIA*	6.285	77.984
33425_at	10155	*TRIM28*	6.285	77.971
32438_at	6224	*RPS20*	6.259	76.587
39722_at	149603	*RNF187*	6.239	75.509
2016_s_at	6134	*RPL10*	6.232	75.142
34005_at	5284	*PIGR*	6.228	74.946
40076_at	7165	*TPD52L2*	6.225	74.825
326_i_at	---	---	6.217	74.406
1396_at	3488	*IGFBP5*	6.200	73.504
41258_at	155400	*NSUN5B*	6.191	73.074
1323_at	7314	*UBB*	6.191	73.068
39781_at	3487	*IGFBP4*	6.178	72.422
40435_at	293	*SLC25A6*	6.154	71.226
36585_at	378	*ARF4*	6.141	70.562
31508_at	10628	*TXNIP*	6.131	70.096
39248_at	360	*AQP3*	6.123	69.715
34695_at	6603	*SMARCD2*	6.123	69.705
37149_s_at	4057	*LTF*	6.116	69.377
31584_at	7178	*TPT1*	6.106	68.894
32440_at	6139	*RPL17*	6.089	68.089
38780_at	10327	*AKR1A1*	6.083	67.772
41834_g_at	10899	*JTB*	6.078	67.576
829_s_at	2950	*GSTP1*	6.076	67.465
36983_f_at	3240	*HP*	6.058	66.644
32337_at	6144	*RPL21*	6.025	65.134
31573_at	6230	*RPS25*	6.019	64.863
38784_g_at	4582	*MUC1*	6.019	64.830
41136_s_at	351	*APP*	6.008	64.346
35282_r_at	975	*CD81*	5.998	63.915
35298_at	8664	*EIF3D*	5.974	62.869
41165_g_at	3507	*IGHM*	5.973	62.834
34637_f_at	124	*ADH1A*	5.971	62.729
35316_at	10670	*RRAGA*	5.970	62.675
37309_at	387	*RHOA*	5.963	62.367
34679_at	613	*BCR*	5.935	61.193
34161_at	4025	*LPO*	5.935	61.179

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
31527_at	6187	*RPS2*	5.931	61.015
37720_at	3329	*HSPD1*	5.923	60.666
34320_at	284119	*PTRF*	5.914	60.286
41768_at	5573	*PRKAR1A*	5.900	59.694
33660_at	6125	*RPL5*	5.893	59.411
32457_f_at	5545	*PRB4*	5.893	59.406
40862_i_at	1152	*CKB*	5.884	59.051
37449_i_at	2778	*GNAS*	5.852	57.768
39070_at	6624	*FSCN1*	5.846	57.524
41827_f_at	91316	*LOC91316*	5.844	57.428
36194_at	4043	*LRPAP1*	5.838	57.208
31956_f_at	6176	*RPLP1*	5.830	56.879
41382_at	1755	*DMBT1*	5.824	56.663
39800_s_at	10456	*HAX1*	5.821	56.537
39072_at	4601	*MXI1*	5.818	56.427
35263_at	1979	*EIF4EBP2*	5.813	56.226
40817_at	4924	*NUCB1*	5.812	56.185
34348_at	10653	*SPINT2*	5.809	56.054
35329_at	51706	*CYB5R1*	5.804	55.872
32029_at	5170	*PDPK1*	5.804	55.858
34409_at	26020	*LRP10*	5.800	55.723
36167_at	533	*ATP6V0B*	5.794	55.476
36780_at	1191	*CLU*	5.735	53.259
33820_g_at	3312	*HSPA8*	5.730	53.063
38750_at	4854	*NOTCH3*	5.728	52.998
32156_at	5819	*PVRL2*	5.728	52.987
33944_at	334	*APLP2*	5.724	52.866
34643_at	6191	*RPS4X*	5.702	52.072
38485_at	4717	*NDUFC1*	5.693	51.732
41365_at	727897	*MUC5B*	5.676	51.125
39561_at	23466	*CBX6*	5.671	50.944
36169_at	4694	*NDUFA1*	5.670	50.920
40031_at	218	*ALDH3A1*	5.668	50.841
40872_at	1340	*COX6B1*	5.656	50.410
41475_at	4814	*NINJ1*	5.645	50.057
41814_at	2517	*FUCA1*	5.639	49.836
33943_at	2495	*FTH1*	5.636	49.731
39168_at	9189	*ZBED1*	5.622	49.248
40875_s_at	6625	*SNRNP70*	5.616	49.049
33117_r_at	6206	*RPS12*	5.615	49.000
1228_s_at	4253	*CTAGE5*	5.607	48.732
32395_r_at	9349	*RPL23*	5.601	48.529
41184_s_at	5696	*PSMB8*	5.587	48.063
36333_at	6129	*RPL7*	5.584	47.970
40370_f_at	3135	*HLA-G*	5.582	47.898
31798_at	7031	*TFF1*	5.575	47.684
38087_s_at	6275	*S100A4*	5.569	47.482
31991_at	51517	*NCKIPSD*	5.566	47.362

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34835_at	23385	*NCSTN*	5.565	47.341
911_s_at	285051	*C2orf61*	5.558	47.126
41753_at	81	*ACTN4*	5.556	47.046
35336_at	25777	*UNC84B*	5.554	46.981
32321_at	3133	*HLA-E*	5.545	46.674
605_at	10493	*VAT1*	5.541	46.553
607_s_at	7450	*VWF*	5.539	46.486
38833_at	3113	*HLA-DPA1*	5.530	46.199
31385_at	6158	*RPL28*	5.526	46.088
33863_at	10525	*HYOU1*	5.526	46.069
38990_at	26268	*FBXO9*	5.521	45.921
41833_at	10899	*JTB*	5.476	44.507
39346_at	10657	*KHDRBS1*	5.476	44.496
31708_at	6156	*RPL30*	5.466	44.202
35367_at	3958	*LGALS3*	5.461	44.056
35309_at	6768	*ST14*	5.459	43.999
2027_at	6273	*S100A2*	5.458	43.943
34166_at	6534	*SLC6A7*	5.451	43.758
39003_at	754	*PTTG1IP*	5.438	43.349
33860_at	23352	*UBR4*	5.437	43.315
41309_g_at	1487	*CTBP1*	5.434	43.222
411_i_at	10581	*IFITM2*	5.427	43.035
40281_at	---	*40423*	5.424	42.937
36937_s_at	9124	*PDLIM1*	5.404	42.353
429_f_at	10382	*TUBB4*	5.401	42.261
33501_r_at	3492	*IGH*	5.392	41.980
40422_at	3485	*IGFBP2*	5.384	41.762
38754_at	26471	*NUPR1*	5.384	41.754
39918_at	10844	*TUBGCP2*	5.365	41.212
39704_s_at	3159	*HMGA1*	5.365	41.211
31586_f_at	50802	*IGK*	5.361	41.106
34842_at	6638	*SNRPN*	5.347	40.689
39014_at	8857	*FCGBP*	5.346	40.680
37319_at	3486	*IGFBP3*	5.326	40.102
37664_at	1819	*DRG2*	5.317	39.866
34091_s_at	7431	*VIM*	5.315	39.806
40112_at	3420	*IDH3B*	5.297	39.311
35175_f_at	1917	*EEF1A2*	5.292	39.181
40003_at	2813	*GP2*	5.288	39.081
1252_at	7905	*REEP5*	5.285	38.991
34319_at	6286	*S100P*	5.277	38.784
34593_g_at	6218	*RPS17*	5.274	38.690
41206_r_at	1337	*COX6A1*	5.273	38.654
41178_at	6135	*RPL11*	5.266	38.468
34646_at	6201	*RPS7*	5.263	38.399
577_at	4192	*MDK*	5.263	38.394
37690_at	10994	*ILVBL*	5.259	38.300
39795_at	1173	*AP2M1*	5.237	37.719

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
36475_at	23464	*GCAT*	5.237	37.714
39249_at	360	*AQP3*	5.233	37.616
37992_s_at	513	*ATP5D*	5.218	37.223
33274_f_at	3535	*IGL*	5.214	37.120
36181_at	3927	*LASP1*	5.213	37.085
38376_at	37	*ACADVL*	5.205	36.876
31951_s_at	26986	*PABPC1*	5.204	36.848
41212_r_at	7458	*EIF4H*	5.202	36.801
41139_at	9500	*MAGED1*	5.196	36.669
38840_s_at	5217	*PFN2*	5.174	36.104
34301_r_at	3872	*KRT17*	5.172	36.064
613_at	3852	*KRT5*	5.162	35.799
39131_at	65110	*UPF3A*	5.159	35.726
1288_s_at	1915	*EEF1A1*	5.140	35.249
36624_at	3615	*IMPDH2*	5.134	35.113
838_s_at	7329	*UBE2I*	5.131	35.034
32378_at	5315	*PKM2*	5.129	34.982
41256_at	1936	*EEF1D*	5.111	34.551
1836_at	10983	*CCNI*	5.110	34.534
34644_at	567	*B2M*	5.109	34.522
1718_at	10109	*ARPC2*	5.102	34.339
38076_at	516	*ATP5G1*	5.099	34.267
38096_f_at	3115	*HLA-DPB1*	5.099	34.266
33984_at	3326	*HSP90AB1*	5.098	34.258
40856_at	5176	*SERPINF1*	5.095	34.187
36452_at	11346	*SYNPO*	5.095	34.176
35746_r_at	5094	*PCBP2*	5.090	34.050
38211_at	26137	*ZBTB20*	5.084	33.924
41203_at	7536	*SF1*	5.072	33.627
38735_at	9764	*KIAA0513*	5.057	33.301
38977_at	8565	*YARS*	5.052	33.178
39060_at	5695	*PSMB7*	5.050	33.139
37040_at	23193	*GANAB*	5.050	33.139
33790_at	6358	*CCL14*	5.031	32.685
38986_at	2923	*PDIA3*	5.029	32.654
41224_at	23020	*SNRNP200*	5.028	32.619
33904_at	1365	*CLDN3*	5.024	32.527
32836_at	10554	*AGPAT1*	5.023	32.508
34003_at	7167	*TPI1*	5.016	32.356
33676_at	6160	*RPL31*	5.005	32.118
35313_at	9919	*SEC16A*	5.005	32.102
40113_at	28951	*TRIB2*	5.004	32.088
32153_s_at	7314	*UBB*	4.998	31.963
32166_at	7094	*TLN1*	4.998	31.946
226_at	5573	*PRKAR1A*	4.998	31.945
36587_at	1938	*EEF2*	4.996	31.910
384_at	5699	*PSMB10*	4.996	31.907
36130_f_at	4493	*MT1E*	4.990	31.789

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40966_at	27347	*STK39*	4.990	31.785
33647_s_at	2760	*GM2A*	4.987	31.722
39864_at	1153	*CIRBP*	4.973	31.415
1980_s_at	4830	*NME1*	4.965	31.243
410_s_at	1460	*CSNK2B*	4.965	31.236
38095_i_at	3115	*HLA-DPB1*	4.962	31.169
34802_at	1292	*COL6A2*	4.949	30.878
41066_at	4246	*SCGB2A1*	4.948	30.877
34740_at	2309	*FOXO3*	4.943	30.761
36122_at	5687	*PSMA6*	4.941	30.728
1693_s_at	7076	*TIMP1*	4.937	30.642
35749_at	10474	*TADA3L*	4.936	30.621
41221_at	5223	*PGAM1*	4.928	30.446
32837_at	10555	*AGPAT2*	4.920	30.275
32607_at	10409	*BASP1*	4.916	30.182
571_at	4673	*NAP1L1*	4.915	30.171
38605_at	4707	*NDUFB1*	4.914	30.153
34346_at	5571	*PRKAG1*	4.913	30.121
36451_at	91	*ACVR1B*	4.909	30.054
33808_at	7005	*TEAD3*	4.908	30.020
32334_f_at	7316	*UBC*	4.904	29.942
33273_f_at	3535	*IGL*	4.903	29.910
36124_at	4357	*MPST*	4.896	29.769
34089_at	22997	*IGSF9B*	4.893	29.710
39867_at	7284	*TUFM*	4.889	29.634
32821_at	3934	*LCN2*	4.886	29.563
37745_s_at	6764	*ST5*	4.882	29.488
41295_at	56910	*STARD7*	4.876	29.361
38971_r_at	10318	*TNIP1*	4.873	29.312
39811_at	79036	*C19orf50*	4.872	29.280
41227_at	4952	*OCRL*	4.872	29.275
38839_at	5217	*PFN2*	4.869	29.214
32341_f_at	6147	*RPL23A*	4.863	29.101
33822_at	4926	*NUMA1*	4.862	29.076
1486_at	5439	*POLR2J*	4.860	29.045
1461_at	4792	*NFKBIA*	4.859	29.019
37448_s_at	2778	*GNAS*	4.853	28.902
37926_at	688	*KLF5*	4.851	28.854
35759_at	10576	*CCT2*	4.850	28.838
37591_at	7351	*UCP2*	4.847	28.775
39080_at	11014	*KDELR2*	4.842	28.678
33826_at	25792	*CIZ1*	4.840	28.650
256_s_at	3921	*RPSA*	4.833	28.504
33141_at	3292	*HSD17B1*	4.827	28.384
33819_at	3945	*LDHB*	4.821	28.258
38026_at	2192	*FBLN1*	4.816	28.175
39738_at	4627	*MYH9*	4.814	28.121
39920_r_at	10882	*C1QL1*	4.813	28.114

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
33409_at	2286	*FKBP2*	4.812	28.087
AFFX-M27830_M_at	---	---	4.811	28.068
37741_at	5831	*PYCR1*	4.798	27.823
493_at	1453	*CSNK1D*	4.793	27.721
36678_at	8407	*TAGLN2*	4.790	27.673
33323_r_at	2810	*SFN*	4.789	27.640
2062_at	3490	*IGFBP7*	4.787	27.601
641_at	5663	*PSEN1*	4.769	27.268
35276_at	1364	*CLDN4*	4.766	27.216
32336_at	226	*ALDOA*	4.766	27.201
40109_at	6722	*SRF*	4.763	27.155
39782_at	10438	*C1D*	4.760	27.098
40818_at	3516	*RBPJ*	4.759	27.082
39728_at	10437	*IFI30*	4.758	27.065
40951_at	100288583	*LOC100288583*	4.756	27.020
40960_at	2683	*B4GALT1*	4.753	26.961
38828_s_at	8570	*KHSRP*	4.753	26.957
41776_at	475	*ATOX1*	4.749	26.890
40104_at	10494	*STK25*	4.735	26.627
39019_at	9741	*LAPTM4A*	4.734	26.604
41194_at	6727	*SRP14*	4.732	26.581
36620_at	6647	*SOD1*	4.728	26.505
33213_g_at	6238	*RRBP1*	4.722	26.394
609_f_at	4490	*MT1B*	4.709	26.150
41235_at	468	*ATF4*	4.708	26.133
AFFX-BioC-3_at	---	---	4.701	26.019
38831_f_at	2783	*GNB2*	4.698	25.955
35219_at	54587	*MXRA8*	4.695	25.908
41034_s_at	6820	*SULT2B1*	4.685	25.718
36846_s_at	51690	*LSM7*	4.678	25.595
32436_at	6157	*RPL27A*	4.677	25.589
1641_s_at	1642	*DDB1*	4.675	25.543
39127_f_at	5524	*PPP2R4*	4.675	25.537
39110_at	1975	*EIF4B*	4.669	25.432
AFFX-MurIL2_at	---	---	4.661	25.299
33825_at	12	*SERPINA3*	4.655	25.201
675_at	8519	*IFITM1*	4.655	25.199
32530_at	10971	*YWHAQ*	4.653	25.167
34814_at	10054	*UBA2*	4.646	25.029
37467_at	3495	*IGHD*	4.641	24.950
34381_at	1350	*COX7C*	4.636	24.867
35467_g_at	54788	*DNAJB12*	4.636	24.857
36638_at	1490	*CTGF*	4.634	24.837
39825_at	6576	*SLC25A1*	4.629	24.735
34182_at	3340	*NDST1*	4.624	24.666
40567_at	7846	*TUBA1A*	4.622	24.616
41383_at	100293983	*LOC100293983*	4.617	24.543
37017_at	5320	*PLA2G2A*	4.615	24.507

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
671_at	6678	*SPARC*	4.609	24.407
36774_f_at	5542	*PRB1*	4.609	24.396
38003_s_at	8525	*DGKZ*	4.608	24.388
1506_at	3561	*IL2RG*	4.606	24.350
32149_at	4477	*MSMB*	4.604	24.317
40886_at	1915	*EEF1A1*	4.604	24.315
36137_at	1108	*CHD4*	4.597	24.202
32843_s_at	2091	*FBL*	4.596	24.181
40861_at	9643	*MORF4L2*	4.595	24.164
38808_at	11047	*ADRM1*	4.592	24.116
33824_at	3856	*KRT8*	4.588	24.056
32230_at	8668	*EIF3I*	4.575	23.838
34411_at	9061	*PAPSS1*	4.574	23.815
39412_at	7726	*TRIM26*	4.566	23.681
40837_at	7089	*TLE2*	4.549	23.416
33546_at	6698	*SPRR1A*	4.542	23.304
36546_r_at	9814	*SFI1*	4.541	23.287
33337_at	8560	*DEGS1*	4.539	23.251
35359_at	23369	*PUM2*	4.526	23.045
38817_at	9552	*SPAG7*	4.525	23.022
32437_at	6193	*RPS5*	4.517	22.896
32195_at	339287	*MSL1*	4.515	22.857
34403_at	4240	*MFGE8*	4.514	22.848
33993_at	---	---	4.509	22.765
1173_g_at	6303	*SAT1*	4.499	22.611
40849_s_at	10488	*CREB3*	4.498	22.593
40891_f_at	8270	*LAGE3*	4.495	22.554
34678_at	26509	*MYOF*	4.493	22.524
31545_at	6222	*RPS18*	4.489	22.451
39183_at	5127	*PCTK1*	4.488	22.435
31477_at	7033	*TFF3*	4.478	22.279
239_at	1509	*CTSD*	4.478	22.278
32590_at	4691	*NCL*	4.477	22.273
37685_at	8301	*PICALM*	4.477	22.271
40115_at	509	*ATP5C1*	4.477	22.265
32715_at	8673	*VAMP8*	4.476	22.253
36644_at	977	*CD151*	4.467	22.115
38791_at	1650	*DDOST*	4.464	22.065
34310_at	353	*APRT*	4.460	22.012
40103_at	7430	*EZR*	4.453	21.901
1310_at	5690	*PSMB2*	4.450	21.864
897_at	5310	*PKD1*	4.446	21.802
35287_at	407977	*TNFSF12-TNFSF13*	4.441	21.726
39473_r_at	---	---	4.437	21.660
37747_at	308	*ANXA5*	4.433	21.605
32432_f_at	6138	*RPL15*	4.432	21.591
40642_at	4781	*NFIB*	4.432	21.589

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
33750_at	10076	*PTPRU*	4.428	21.523
36968_s_at	11340	*EXOSC8*	4.425	21.483
33458_r_at	285051	*C2orf61*	4.419	21.395
35323_at	8662	*EIF3B*	4.409	21.248
35055_at	689	*BTF3*	4.408	21.234
40842_at	6626	*SNRPA*	4.407	21.212
2079_s_at	3481	*IGF2*	4.407	21.209
40196_at	10217	*CTDSPL*	4.401	21.127
355_s_at	2281	*FKBP1B*	4.399	21.101
38812_at	3913	*LAMB2*	4.399	21.099
33146_at	4170	*MCL1*	4.394	21.024
34367_at	26227	*PHGDH*	4.389	20.947
38429_at	2194	*FASN*	4.388	20.942
AFFX-HSAC07/X00351_5_at	60	*ACTB*	4.381	20.841
36618_g_at	3397	*ID1*	4.379	20.811
39767_at	10694	*CCT8*	4.374	20.742
40123_at	8729	*GBF1*	4.374	20.736
31697_s_at	2495	*FTH1*	4.374	20.729
34841_at	8663	*EIF3C*	4.372	20.700
31557_at	7114	*TMSB4X*	4.366	20.617
31463_s_at	3178	*HNRNPA1*	4.363	20.574
41470_at	8842	*PROM1*	4.347	20.351
37336_at	23190	*UBXN4*	4.346	20.339
AFFX-HUMGAPDH/M33197_3_at	2597	*GAPDH*	4.345	20.329
33862_at	8613	*PPAP2B*	4.344	20.311
36660_at	8766	*RAB11A*	4.338	20.231
40127_at	81855	*SFXN3*	4.334	20.170
34260_at	9894	*TELO2*	4.331	20.122
38802_at	10857	*PGRMC1*	4.328	20.083
36653_g_at	7390	*UROS*	4.326	20.052
39023_at	3417	*IDH1*	4.321	19.991
32435_at	6143	*RPL19*	4.314	19.895
39700_at	392	*ARHGAP1*	4.313	19.882
774_g_at	4629	*MYH11*	4.307	19.801
33619_at	6207	*RPS13*	4.307	19.788
631_g_at	1635	*DCTD*	4.303	19.742
1549_s_at	6317	*SERPINB3*	4.302	19.725
36629_at	1831	*TSC22D3*	4.302	19.723
38966_at	9524	*TECR*	4.301	19.717
41198_at	2896	*GRN*	4.299	19.691
36636_at	4942	*OAT*	4.294	19.611
41830_at	9813	*KIAA0494*	4.291	19.575
40106_at	11100	*HNRNPUL1*	4.288	19.535
36172_s_at	8943	*AP3D1*	4.286	19.513
598_at	1280	*COL2A1*	4.284	19.486
37703_at	5876	*RABGGTB*	4.280	19.432
35363_at	10521	*DDX17*	4.276	19.369

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39855_at	51343	*FZR1*	4.275	19.359
33454_at	375790	*AGRN*	4.270	19.290
595_at	7128	*TNFAIP3*	4.267	19.253
40376_at	415	*ARSE*	4.261	19.169
38542_at	4869	*NPM1*	4.260	19.165
36489_at	5631	*PRPS1*	4.260	19.160
39016_r_at	3853	*KRT6A*	4.260	19.154
32574_at	6609	*SMPD1*	4.256	19.110
38117_at	9632	*SEC24C*	4.255	19.095
31444_s_at	302	*ANXA2*	4.250	19.030
34485_r_at	---	---	4.249	19.008
36171_at	10923	*SUB1*	4.243	18.941
41200_at	949	*SCARB1*	4.243	18.938
33361_at	26580	*BSCL2*	4.241	18.912
36495_at	2203	*FBP1*	4.239	18.879
41233_at	10049	*DNAJB6*	4.238	18.875
38415_at	8073	*PTP4A2*	4.237	18.850
37318_at	2107	*ETF1*	4.226	18.712
35267_g_at	10904	*BLCAP*	4.224	18.687
36151_at	23646	*PLD3*	4.217	18.592
39814_s_at	51635	*DHRS7*	4.214	18.560
266_s_at	100133941	*CD24*	4.213	18.547
41696_at	79017	*GGCT*	4.212	18.538
41163_at	23423	*TMED3*	4.210	18.502
32744_at	100291837	*LOC100291837*	4.209	18.498
41187_at	103910	*MYL12B*	4.198	18.360
40329_at	7922	*SLC39A7*	4.198	18.358
36667_at	5834	*PYGB*	4.197	18.342
39339_at	9725	*TMEM63A*	4.196	18.329
34877_at	3716	*JAK1*	4.195	18.312
37692_at	1622	*DBI*	4.191	18.261
40100_at	9181	*ARHGEF2*	4.185	18.193
40899_at	3880	*KRT19*	4.180	18.131
37931_at	1059	*CENPB*	4.178	18.099
33883_at	10278	*EFS*	4.176	18.077
31525_s_at	3039	*HBA1*	4.175	18.061
2075_s_at	5606	*MAP2K3*	4.171	18.009
858_at	5447	*POR*	4.165	17.944
36984_f_at	3240	*HP*	4.165	17.936
35841_at	5441	*POLR2L*	4.164	17.925
34176_at	57228	*SMAGP*	4.162	17.900
33838_at	7917	*BAT3*	4.161	17.885
2089_s_at	2065	*ERBB3*	4.158	17.857
39011_at	2029	*ENSA*	4.157	17.843
37982_at	1632	*DCI*	4.154	17.807
35919_at	6947	*TCN1*	4.149	17.745
33878_at	80303	*EFHD1*	4.148	17.725
34532_at	---	---	4.144	17.686

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
37617_at	54462	*FAM190B*	4.144	17.679
666_at	5141	*PDE4A*	4.142	17.651
36677_at	9276	*COPB2*	4.142	17.650
39746_at	5431	*POLR2B*	4.141	17.648
41134_at	22839	*DLGAP4*	4.141	17.645
34636_at	246	*ALOX15*	4.140	17.630
35808_at	6431	*SFRS6*	4.138	17.609
32634_s_at	3382	*ICA1*	4.138	17.606
38741_at	9266	*CYTH2*	4.136	17.578
34829_at	1736	*DKC1*	4.135	17.573
218_at	3550	*IK*	4.126	17.459
31950_at	26986	*PABPC1*	4.124	17.442
1715_at	8743	*TNFSF10*	4.123	17.424
34830_at	81552	*VOPP1*	4.115	17.333
35828_at	1397	*CRIP2*	4.114	17.310
32250_at	3075	*CFH*	4.112	17.297
33850_at	4134	*MAP4*	4.104	17.198
34811_at	518	*ATP5G3*	4.101	17.157
41344_s_at	5813	*PURA*	4.094	17.082
34773_at	6902	*TBCA*	4.094	17.077
33887_at	9146	*HGS*	4.092	17.057
33282_at	3898	*LAD1*	4.090	17.033
32332_at	3418	*IDH2*	4.090	17.027
31509_at	6137	*RPL13*	4.086	16.981
36338_at	7798	*LUZP1*	4.084	16.965
38794_at	7343	*UBTF*	4.076	16.866
38832_r_at	2783	*GNB2*	4.074	16.847
41760_at	1347	*COX7A2*	4.074	16.845
39165_at	23479	*ISCU*	4.074	16.837
33788_at	9583	*ENTPD4*	4.073	16.827
1653_at	6189	*RPS3A*	4.069	16.786
39876_at	955	*ENTPD6*	4.065	16.733
32485_at	4151	*MB*	4.062	16.702
39027_at	1327	*COX4I1*	4.059	16.666
39069_at	165	*AEBP1*	4.058	16.654
1438_at	2049	*EPHB3*	4.053	16.600
32394_s_at	9349	*RPL23*	4.044	16.490
32755_at	59	*ACTA2*	4.042	16.475
38014_at	103	*ADAR*	4.035	16.388
33854_at	51382	*ATP6V1D*	4.031	16.347
40541_at	445	*ASS1*	4.030	16.341
38060_at	4725	*NDUFS5*	4.029	16.327
32749_s_at	2316	*FLNA*	4.029	16.327
32203_at	10616	*RBCK1*	4.029	16.324
33178_at	182	*JAG1*	4.028	16.312
41785_at	1982	*EIF4G2*	4.026	16.287
40309_at	768	*CA9*	4.025	16.276
37329_at	4723	*NDUFV1*	4.025	16.275

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
35511_at	747	*DAGLA*	4.024	16.265
35365_at	3611	*ILK*	4.024	16.263
40369_f_at	3135	*HLA-G*	4.023	16.262
34836_at	5878	*RAB5C*	4.023	16.252
39024_at	4928	*NUP98*	4.015	16.170
38064_at	9961	*MVP*	4.015	16.164
33448_at	6692	*SPINT1*	4.011	16.127
34775_at	10103	*TSPAN1*	4.011	16.118
32629_f_at	11119	*BTN3A1*	4.010	16.113
36162_at	682	*BSG*	4.010	16.109
35792_at	11343	*MGLL*	4.006	16.063
36517_at	7307	*U2AF1*	4.001	16.010
34305_at	5093	*PCBP1*	4.000	16.000
32458_f_at	5545	*PRB4*	3.999	15.988
34837_at	23384	*CYTSA*	3.998	15.979
32832_at	10296	*MAEA*	3.998	15.978
34864_at	27013	*C2orf24*	3.995	15.948
38943_at	3052	*HCCS*	3.995	15.948
36446_s_at	3068	*HDGF*	3.995	15.944
39711_at	5589	*PRKCSH*	3.989	15.881
36679_at	6734	*SRPR*	3.987	15.852
33867_s_at	5937	*RBMS1*	3.983	15.816
35270_at	6633	*SNRPD2*	3.983	15.810
41000_at	1112	*FOXN3*	3.980	15.776
38406_f_at	5730	*PTGDS*	3.979	15.774
37114_at	463	*ZFHX3*	3.979	15.773
37337_at	6637	*SNRPG*	3.979	15.773
33414_at	23420	*NOMO1*	3.973	15.708
34336_at	3735	*KARS*	3.970	15.670
36786_at	4736	*RPL10A*	3.969	15.659
37700_at	642	*BLMH*	3.963	15.593
40082_at	2180	*ACSL1*	3.954	15.500
33818_at	7415	*VCP*	3.952	15.477
37766_s_at	5705	*PSMC5*	3.950	15.456
39751_at	51304	*ZDHHC3*	3.948	15.436
39145_at	10398	*MYL9*	3.948	15.434
39717_g_at	9553	*MRPL33*	3.944	15.386
736_f_at	29774	*POM121L9P*	3.937	15.314
34860_g_at	10916	*MAGED2*	3.931	15.248
39960_at	27235	*COQ2*	3.927	15.209
34777_at	133	*ADM*	3.922	15.163
1612_s_at	3727	*JUND*	3.919	15.131
41745_at	10410	*IFITM3*	3.918	15.121
32701_at	421	*ARVCF*	3.913	15.065
38054_at	10542	*HBXIP*	3.911	15.041
33942_s_at	6812	*STXBP1*	3.910	15.037
40035_at	11012	*KLK11*	3.910	15.030
36284_at	8581	*LY6D*	3.906	14.993

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34827_at	8408	*ULK1*	3.902	14.952
37754_at	3959	*LGALS3BP*	3.900	14.924
32111_at	9425	*CDYL*	3.898	14.909
31538_at	6175	*RPLP0*	3.893	14.852
34642_at	7534	*YWHAZ*	3.891	14.836
353_at	23760	*PITPNB*	3.889	14.817
36659_at	1284	*COL4A2*	3.889	14.811
38974_at	11315	*PARK7*	3.886	14.781
33821_at	60481	*ELOVL5*	3.884	14.763
41108_at	8225	*GTPBP6*	3.883	14.752
36131_at	1192	*CLIC1*	3.882	14.744
35666_at	6405	*SEMA3F*	3.880	14.721
41065_at	4793	*NFKBIB*	3.877	14.696
41185_f_at	6613	*SUMO2*	3.877	14.691
33679_f_at	10383	*TUBB2C*	3.876	14.686
34784_at	11078	*TRIOBP*	3.876	14.684
41778_at	6510	*SLC1A5*	3.872	14.639
31691_g_at	2746	*GLUD1*	3.871	14.635
37298_at	11337	*GABARAP*	3.870	14.620
31609_s_at	5118	*PCOLCE*	3.869	14.608
2056_at	2260	*FGFR1*	3.867	14.596
35816_at	1476	*CSTB*	3.867	14.592
36613_at	7866	*IFRD2*	3.866	14.584
32569_at	5048	*PAFAH1B1*	3.866	14.582
35150_at	958	*CD40*	3.865	14.573
39778_at	4245	*MGAT1*	3.864	14.558
503_at	5441	*POLR2L*	3.862	14.538
31344_at	28778	*IGLV6-57*	3.862	14.538
39801_at	8985	*PLOD3*	3.859	14.515
33888_at	10120	*ACTR1B*	3.859	14.507
33792_at	8000	*PSCA*	3.859	14.507
1840_g_at	5901	*RAN*	3.858	14.496
38841_at	10422	*UBAC1*	3.854	14.457
263_g_at	262	*AMD1*	3.851	14.429
688_at	5700	*PSMC1*	3.850	14.419
1885_at	2071	*ERCC3*	3.846	14.382
34354_at	2263	*FGFR2*	3.845	14.371
1752_at	811	*CALR*	3.842	14.341
40095_at	760	*CA2*	3.839	14.310
36173_r_at	8943	*AP3D1*	3.839	14.306
31993_f_at	---	---	3.836	14.284
33987_at	375	*ARF1*	3.836	14.278
41207_at	84909	*C9orf3*	3.835	14.273
325_s_at	5304	*PIP*	3.833	14.251
32046_at	5580	*PRKCD*	3.832	14.244
34172_s_at	8227	*SFRS17A*	3.830	14.223
34401_at	7386	*UQCRFS1*	3.825	14.175
35262_at	3692	*EIF6*	3.824	14.162

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40039_g_at	7982	*ST7*	3.821	14.137
33828_at	6605	*SMARCE1*	3.821	14.131
37687_i_at	---	---	3.818	14.104
41850_s_at	11007	*CCDC85B*	3.813	14.053
38772_at	3491	*CYR61*	3.811	14.040
37927_at	1104	*RCC1*	3.811	14.037
35337_at	25793	*FBXO7*	3.811	14.034
33856_at	8933	*FAM127A*	3.811	14.033
33804_at	2185	*PTK2B*	3.810	14.029
41171_at	5721	*PSME2*	3.810	14.026
33301_g_at	728642	*CDC2L2*	3.808	14.005
39974_at	956	*ENTPD3*	3.806	13.987
40955_at	53635	*PTOV1*	3.797	13.902
35506_s_at	1469	*CST1*	3.796	13.890
37043_at	3399	*ID3*	3.791	13.841
33813_at	7133	*TNFRSF1B*	3.791	13.838
35266_at	10904	*BLCAP*	3.790	13.831
32695_at	27336	*HTATSF1*	3.789	13.827
40764_at	2806	*GOT2*	3.789	13.819
35326_at	10897	*YIF1A*	3.787	13.805
35377_at	26145	*IRF2BP1*	3.783	13.768
39122_at	2821	*GPI*	3.783	13.764
33859_at	10284	*SAP18*	3.780	13.738
41156_g_at	1495	*CTNNA1*	3.780	13.734
1703_g_at	1874	*E2F4*	3.779	13.730
36463_at	9529	*BAG5*	3.779	13.725
33666_at	3183	*HNRNPC*	3.778	13.713
40866_at	8508	*NIPSNAP1*	3.777	13.707
34782_at	3720	*JARID2*	3.774	13.677
33689_s_at	1652	*DDT*	3.773	13.668
38459_g_at	1528	*CYB5A*	3.771	13.649
38517_at	10379	*IRF9*	3.767	13.615
1180_g_at	3312	*HSPA8*	3.766	13.603
41215_s_at	3398	*ID2*	3.764	13.590
38789_at	7086	*TKT*	3.764	13.584
1394_at	387	*RHOA*	3.763	13.580
32243_g_at	1410	*CRYAB*	3.758	13.534
32306_g_at	1278	*COL1A2*	3.757	13.516
36767_at	1543	*CYP1A1*	3.755	13.503
36591_at	7277	*TUBA4A*	3.755	13.498
39120_at	4501	*MT1X*	3.750	13.451
40998_at	9968	*MED12*	3.748	13.434
41817_g_at	29775	*CARD10*	3.743	13.393
31605_at	171220	*LOC171220*	3.741	13.368
35338_at	5045	*FURIN*	3.741	13.367
36445_at	6368	*CCL23*	3.739	13.352
33388_at	113419	*TEX261*	3.738	13.341
39986_at	25895	*FAM119B*	3.737	13.335

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40133_s_at	9380	*GRHPR*	3.736	13.328
592_at	5702	*PSMC3*	3.735	13.317
36128_at	10972	*TMED10*	3.735	13.315
32553_at	4150	*MAZ*	3.734	13.305
34699_at	23607	*CD2AP*	3.730	13.266
36616_at	9802	*DAZAP2*	3.726	13.236
37543_at	9459	*ARHGEF6*	3.725	13.225
31510_s_at	3021	*H3F3B*	3.725	13.222
41464_at	9739	*SETD1A*	3.717	13.152
36170_at	23474	*ETHE1*	3.717	13.150
1787_at	1028	*CDKN1C*	3.716	13.139
34828_at	5438	*POLR2I*	3.715	13.128
39640_at	9945	*GFPT2*	3.714	13.119
38764_at	23405	*DICER1*	3.712	13.109
38881_i_at	10626	*TRIM16*	3.704	13.035
37947_at	8019	*BRD3*	3.694	12.940
35646_at	6834	*SURF1*	3.692	12.926
330_s_at	7277	*TUBA4A*	3.692	12.921
39092_at	94239	*H2AFV*	3.690	12.904
1741_s_at	3485	*IGFBP2*	3.690	12.902
1937_at	---	---	3.689	12.897
31861_at	3508	*IGHMBP2*	3.687	12.884
34833_at	26017	*FAM32A*	3.686	12.868
39108_at	4047	*LSS*	3.683	12.844
40419_at	2040	*STOM*	3.679	12.805
AFFX-CreX-5_at	---	---	3.677	12.792
38736_at	9948	*WDR1*	3.675	12.776
40203_at	10209	*EIF1*	3.675	12.772
36515_at	10020	*GNE*	3.675	12.772
36129_at	9905	*SGSM2*	3.669	12.723
39809_at	26959	*HBP1*	3.665	12.685
40863_r_at	1152	*CKB*	3.664	12.673
38695_at	4724	*NDUFS4*	3.661	12.650
34094_i_at	3500	*IGHG1*	3.661	12.646
35484_at	92017	*SNX29*	3.657	12.619
1005_at	1843	*DUSP1*	3.656	12.601
35773_i_at	4713	*NDUFB7*	3.650	12.553
376_at	10512	*SEMA3C*	3.644	12.503
34649_at	6745	*SSR1*	3.641	12.479
344_s_at	1267	*CNP*	3.640	12.469
33737_f_at	400410	*ST20*	3.638	12.453
34743_at	23513	*SCRIB*	3.636	12.432
39000_at	4836	*NMT1*	3.633	12.408
1399_at	6921	*TCEB1*	3.633	12.407
1104_s_at	3303	*HSPA1A*	3.633	12.404
35295_g_at	6738	*TROVE2*	3.632	12.399
35831_at	10079	*ATP9A*	3.630	12.384
31830_s_at	6525	*SMTN*	3.630	12.378

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
1143_s_at	2263	*FGFR2*	3.629	12.374
32466_at	6171	*RPL41*	3.625	12.341
33916_at	11188	*NISCH*	3.625	12.339
33322_i_at	2810	*SFN*	3.623	12.320
AFFX-MurIL4_at	3565	*Il4*	3.623	12.320
767_at	4629	*MYH11*	3.622	12.315
39129_at	150776	*LOC150776*	3.622	12.308
36153_at	1660	*DHX9*	3.617	12.270
40108_at	9689	*BZW1*	3.617	12.268
1524_at	5891	*RAGE*	3.614	12.248
33232_at	1396	*CRIP1*	3.612	12.229
39171_at	56998	*CTNNBIP1*	3.611	12.222
41106_at	3783	*KCNN4*	3.611	12.215
31837_at	91289	*LMF2*	3.610	12.207
32052_at	3043	*HBB*	3.608	12.195
37001_at	824	*CAPN2*	3.608	12.191
1151_at	6146	*RPL22*	3.607	12.186
38124_at	4192	*MDK*	3.605	12.168
33833_at	6709	*SPTAN1*	3.604	12.162
41138_at	4267	*CD99*	3.601	12.136
608_at	348	*APOE*	3.599	12.121
34425_at	3140	*MR1*	3.599	12.118
36174_at	65108	*MARCKSL1*	3.598	12.108
31396_r_at	4440	*MSI1*	3.596	12.094
36576_at	9555	*H2AFY*	3.591	12.052
36152_at	2664	*GDI1*	3.585	12.001
633_s_at	7029	*TFDP2*	3.581	11.968
36706_at	6792	*CDKL5*	3.579	11.954
36208_at	6046	*BRD2*	3.575	11.919
37961_at	8503	*PIK3R3*	3.574	11.913
38237_at	2687	*GGT5*	3.573	11.903
162_at	8237	*USP11*	3.571	11.881
31839_at	57794	*SF4*	3.568	11.858
41137_at	4660	*PPP1R12B*	3.567	11.854
38722_at	1291	*COL6A1*	3.567	11.848
40546_s_at	4695	*NDUFA2*	3.565	11.834
41004_at	7156	*TOP3A*	3.564	11.827
34332_at	10007	*GNPDA1*	3.563	11.821
34791_at	6950	*TCP1*	3.562	11.811
41214_at	6192	*RPS4Y1*	3.557	11.769
34674_at	6271	*S100A1*	3.557	11.767
38438_at	4790	*NFKB1*	3.557	11.766
35017_f_at	3137	*HLA-J*	3.556	11.762
33795_at	6942	*TCF20*	3.555	11.757
167_at	1983	*EIF5*	3.555	11.755
37939_at	27350	*APOBEC3C*	3.554	11.748
36204_at	5792	*PTPRF*	3.554	11.746
36628_at	10928	*RALBP1*	3.552	11.728

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
506_s_at	6776	*STAT5A*	3.549	11.706
1563_s_at	7132	*TNFRSF1A*	3.547	11.685
35353_at	5701	*PSMC2*	3.542	11.650
37399_at	8644	*AKR1C3*	3.541	11.643
1014_at	5428	*POLG*	3.539	11.627
35327_at	8667	*EIF3H*	3.536	11.601
32550_r_at	1050	*CEBPA*	3.536	11.600
2020_at	595	*CCND1*	3.535	11.590
38056_at	9772	*KIAA0195*	3.535	11.590
41202_s_at	10106	*CTDSP2*	3.534	11.581
38621_at	23564	*DDAH2*	3.523	11.494
544_at	4791	*NFKB2*	3.521	11.484
40081_at	5360	*PLTP*	3.521	11.477
34788_at	399665	*FAM102A*	3.518	11.459
40580_r_at	5763	*PTMS*	3.516	11.436
38707_r_at	1874	*E2F4*	3.513	11.418
36189_at	3608	*ILF2*	3.511	11.398
41087_at	1749	*DLX5*	3.508	11.374
35536_at	9718	*ECE2*	3.506	11.363
32315_at	6229	*RPS24*	3.503	11.336
32192_g_at	7703	*PCGF2*	3.501	11.324
40195_at	3014	*H2AFX*	3.501	11.322
39427_at	7381	*UQCRB*	3.500	11.317
33438_at	23558	*WBP2*	3.499	11.305
33989_f_at	7009	*TMBIM6*	3.498	11.296
36592_at	5245	*PHB*	3.497	11.293
39128_r_at	5524	*PPP2R4*	3.497	11.292
33879_at	10280	*SIGMAR1*	3.496	11.283
37916_at	3163	*HMOX2*	3.491	11.246
40155_at	3983	*ABLIM1*	3.490	11.235
38392_at	10092	*ARPC5*	3.488	11.223
35707_at	89944	*GLB1L2*	3.488	11.223
37012_at	832	*CAPZB*	3.481	11.168
1225_g_at	5127	*PCTK1*	3.480	11.162
34259_at	23277	*KIAA0664*	3.480	11.158
AFFX-BioDn-3_at	---	---	3.478	11.145
39791_at	488	*ATP2A2*	3.475	11.116
475_at	8737	*RIPK1*	3.474	11.108
36579_at	9354	*UBE4A*	3.471	11.085
39697_at	3291	*HSD11B2*	3.468	11.066
243_g_at	4134	*MAP4*	3.468	11.065
1795_g_at	896	*CCND3*	3.468	11.065
41266_at	3655	*ITGA6*	3.466	11.052
33358_at	57460	*PPM1H*	3.466	11.048
39899_at	199731	*CADM4*	3.463	11.029
37748_at	9778	*KIAA0232*	3.463	11.027
40421_at	5300	*PIN1*	3.458	10.989
34095_f_at	3500	*IGHG1*	3.454	10.961

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
35822_at	717	*C2*	3.453	10.949
38983_at	4700	*NDUFA6*	3.452	10.946
1796_s_at	602	*BCL3*	3.451	10.932
34408_at	6253	*RTN2*	3.450	10.929
40022_at	2218	*FKTN*	3.450	10.925
38803_at	83988	*NCALD*	3.449	10.923
32576_at	8665	*EIF3F*	3.449	10.921
1468_at	10131	*TRAP1*	3.449	10.918
31907_at	9045	*RPL14*	3.448	10.914
497_at	1201	*CLN3*	3.445	10.891
36133_at	1832	*DSP*	3.445	10.891
38882_r_at	10626	*TRIM16*	3.445	10.889
41771_g_at	4128	*MAOA*	3.445	10.887
35272_at	2787	*GNG5*	3.443	10.877
40116_at	5211	*PFKL*	3.442	10.872
1997_s_at	581	*BAX*	3.442	10.867
36465_at	3663	*IRF5*	3.439	10.843
37407_s_at	4629	*MYH11*	3.438	10.840
31472_s_at	960	*CD44*	3.437	10.828
36183_at	10922	*FASTK*	3.435	10.817
1659_s_at	6009	*RHEB*	3.434	10.810
36149_at	1809	*DPYSL3*	3.434	10.806
40677_at	29903	*CCDC106*	3.432	10.795
34957_at	26240	*FAM50B*	3.430	10.781
2085_s_at	1495	*CTNNA1*	3.430	10.780
36457_at	8833	*GMPS*	3.429	10.769
36964_at	8720	*MBTPS1*	3.426	10.745
32774_at	4714	*NDUFB8*	3.423	10.724
35769_at	9289	*GPR56*	3.422	10.717
33752_at	10625	*IVNS1ABP*	3.420	10.707
38590_r_at	5757	*PTMA*	3.417	10.683
39061_at	684	*BST2*	3.417	10.679
1161_at	3326	*HSP90AB1*	3.415	10.665
34592_at	6218	*RPS17*	3.410	10.631
32858_at	29855	*UBN1*	3.409	10.620
1788_s_at	1846	*DUSP4*	3.408	10.612
36641_at	830	*CAPZA2*	3.407	10.606
38826_at	---	*40427*	3.406	10.604
36185_at	16	*AARS*	3.403	10.576
34326_at	1315	*COPB1*	3.403	10.576
538_at	947	*CD34*	3.403	10.576
40508_at	2941	*GSTA4*	3.400	10.553
40411_at	23054	*NCOA6*	3.399	10.548
811_at	7353	*UFD1L*	3.398	10.542
32844_at	1981	*EIF4G1*	3.398	10.540
35145_at	4335	*MNT*	3.396	10.529
39443_s_at	1329	*COX5B*	3.394	10.510
39079_at	2079	*ERH*	3.393	10.508

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39020_at	10572	*SIVA1*	3.392	10.495
41372_at	22863	*KIAA0831*	3.389	10.476
32240_at	5711	*PSMD5*	3.388	10.471
1383_at	5520	*PPP2R2A*	3.388	10.467
868_at	6881	*TAF10*	3.385	10.449
1894_f_at	4771	*NF2*	3.385	10.444
32731_at	10307	*APBB3*	3.384	10.441
33632_g_at	10907	*TXNL4A*	3.384	10.440
41525_at	10362	*HMG20B*	3.384	10.439
38455_at	6628	*SNRPB*	3.378	10.393
38111_at	1462	*VCAN*	3.377	10.390
38017_at	973	*CD79A*	3.377	10.386
1270_at	5909	*RAP1GAP*	3.376	10.379
38717_at	25840	*METTL7A*	3.375	10.377
33811_at	9236	*CCPG1*	3.374	10.370
33868_at	84271	*POLDIP3*	3.370	10.341
39729_at	7001	*PRDX2*	3.370	10.338
36711_at	23764	*MAFF*	3.369	10.330
1898_at	23650	*TRIM29*	3.368	10.325
36626_at	3295	*HSD17B4*	3.364	10.296
33895_at	26751	*SH3YL1*	3.363	10.288
36569_at	7123	*CLEC3B*	3.362	10.283
39835_at	6305	*SBF1*	3.362	10.280
AFFX-HSAC07/X00351_M_at	60	*ACTB*	3.361	10.272
38115_at	11334	*TUSC2*	3.360	10.265
1351_at	2050	*EPHB4*	3.356	10.242
38762_at	11325	*DDX42*	3.355	10.233
39253_s_at	5898	*RALA*	3.354	10.226
870_f_at	4504	*MT3*	3.354	10.225
1729_at	8717	*TRADD*	3.352	10.214
718_at	5654	*HTRA1*	3.350	10.194
33834_at	6387	*CXCL12*	3.345	10.161
35125_at	6194	*RPS6*	3.343	10.145
434_at	3005	*H1F0*	3.341	10.132
39838_at	23332	*CLASP1*	3.341	10.131
35205_at	25920	*COBRA1*	3.339	10.122
40453_s_at	6430	*SFRS5*	3.337	10.102
35534_at	9721	*GPRIN2*	3.335	10.093
34446_at	9910	*RABGAP1L*	3.335	10.088
33823_at	950	*SCARB2*	3.334	10.083
38790_at	2052	*EPHX1*	3.333	10.075
32554_s_at	6907	*TBL1X*	3.331	10.064
33906_at	10534	*SSSCA1*	3.327	10.038
34385_at	6391	*SDHC*	3.327	10.033
36572_r_at	23204	*ARL6IP1*	3.325	10.020
41729_at	25820	*ARIH1*	3.325	10.018
41162_at	5496	*PPM1G*	3.323	10.008
41440_at	7923	*HSD17B8*	3.323	10.004

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
41188_at	55353	*LAPTM4B*	3.322	10.004
38104_at	1666	*DECR1*	3.321	9.993
32805_at	1645	*AKR1C1*	3.320	9.983
38663_at	8815	*BANF1*	3.318	9.972
36902_at	391	*RHOG*	3.316	9.956
34817_s_at	11273	*ATXN2L*	3.315	9.955
33109_f_at	6657	*SOX2*	3.313	9.941
34370_at	372	*ARCN1*	3.313	9.939
39774_at	5018	*OXA1L*	3.312	9.930
37351_at	7378	*UPP1*	3.312	9.929
39311_at	2348	*FOLR1*	3.309	9.914
751_at	5279	*PIGC*	3.309	9.912
634_at	5652	*PRSS8*	3.309	9.910
41095_at	2068	*ERCC2*	3.307	9.897
33071_at	26212	*OR2B6*	3.305	9.884
41823_at	6780	*STAU1*	3.305	9.882
752_s_at	3337	*DNAJB1*	3.302	9.861
35442_at	9725	*TMEM63A*	3.301	9.855
37930_at	540	*ATP7B*	3.297	9.829
32793_at	28639	*TRBC1*	3.297	9.826
40437_at	25963	*TMEM87A*	3.296	9.819
946_at	6993	*DYNLT1*	3.292	9.793
34459_at	10443	*N4BP2L2*	3.291	9.791
40954_at	486	*FXYD2*	3.289	9.774
32006_r_at	10879	*SMR3B*	3.289	9.773
36977_at	8775	*NAPA*	3.288	9.767
40136_at	23061	*TBC1D9B*	3.285	9.745
1499_at	2339	*FNTA*	3.282	9.726
35823_at	5479	*PPIB*	3.281	9.717
32528_at	8192	*CLPP*	3.278	9.698
40418_at	5928	*RBBP4*	3.277	9.691
2094_s_at	2353	*FOS*	3.272	9.662
33841_at	80256	*KIAA1539*	3.269	9.637
41400_at	7083	*TK1*	3.267	9.625
1498_at	7535	*ZAP70*	3.263	9.598
41750_at	10130	*PDIA6*	3.262	9.590
35322_at	9817	*KEAP1*	3.256	9.554
39916_r_at	6209	*RPS15*	3.256	9.553
39521_at	6560	*SLC12A4*	3.255	9.548
38608_at	3963	*LGALS7*	3.254	9.542
36493_at	4046	*LSP1*	3.254	9.539
39065_s_at	7267	*TTC3*	3.253	9.536
38732_at	1207	*CLNS1A*	3.247	9.494
40111_g_at	3420	*IDH3B*	3.247	9.491
39164_at	10425	*ARIH2*	3.246	9.490
38202_at	2196	*FAT2*	3.244	9.477
34859_at	10916	*MAGED2*	3.244	9.474
37738_g_at	5110	*PCMT1*	3.241	9.453

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
37779_at	27293	*SMPDL3B*	3.240	9.451
34821_at	25901	*CCDC28A*	3.239	9.439
38835_at	10548	*TM9SF1*	3.237	9.428
40840_at	10105	*PPIF*	3.236	9.424
37549_g_at	27241	*BBS9*	3.236	9.420
35793_at	9908	*G3BP2*	3.234	9.410
32852_at	25828	*TXN2*	3.234	9.408
31719_at	2335	*FN1*	3.232	9.396
33261_at	3125	*HLA-DRB3*	3.226	9.359
39336_at	377	*ARF3*	3.226	9.354
41225_at	1845	*DUSP3*	3.223	9.340
41478_at	23331	*TTC28*	3.223	9.334
37447_at	2852	*GPER*	3.218	9.308
39077_at	125144	*NCRNA00188*	3.217	9.301
35351_at	5936	*RBM4*	3.217	9.299
32564_at	10952	*SEC61B*	3.217	9.297
40138_at	10980	*COPS6*	3.217	9.296
34661_at	23274	*CLEC16A*	3.215	9.284
110_at	1464	*CSPG4*	3.215	9.283
38814_at	9550	*ATP6V1G1*	3.214	9.282
39132_at	8467	*SMARCA5*	3.214	9.279
1062_g_at	3587	*IL10RA*	3.213	9.271
36542_at	10479	*SLC9A6*	3.212	9.265
32780_at	667	*DST*	3.210	9.253
38893_at	4689	*NCF4*	3.208	9.241
37686_s_at	7374	*UNG*	3.207	9.234
40110_at	3420	*IDH3B*	3.204	9.216
41013_at	196740	*C10orf72*	3.204	9.215
36158_at	1639	*DCTN1*	3.203	9.212
534_s_at	2348	*FOLR1*	3.203	9.208
41146_at	142	*PARP1*	3.201	9.197
38584_at	3437	*IFIT3*	3.201	9.195
34016_s_at	4363	*ABCC1*	3.201	9.193
314_at	9488	*PIGB*	3.200	9.192
36577_at	10979	*FERMT2*	3.198	9.176
36289_f_at	2528	*FUT6*	3.197	9.171
1512_at	1859	*DYRK1A*	3.197	9.169
327_f_at	6224	*RPS20*	3.195	9.160
37993_at	513	*ATP5D*	3.194	9.154
36184_at	5351	*PLOD1*	3.194	9.153
38763_at	6652	*SORD*	3.193	9.144
39739_at	4666	*NACA*	3.191	9.135
36211_at	599	*BCL2L2*	3.190	9.128
33277_at	8898	*MTMR2*	3.190	9.124
38819_at	5754	*PTK7*	3.189	9.121
33263_at	55556	*ENOSF1*	3.188	9.114
40234_at	8214	*DGCR6*	3.186	9.101
40885_s_at	8675	*STX16*	3.185	9.094

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34739_at	54874	*FNBP1L*	3.185	9.094
37350_at	5716	*PSMD10*	3.185	9.093
882_at	1435	*MCSF*	3.182	9.076
41288_at	801	*CALM1*	3.180	9.063
37346_at	381	*ARF5*	3.180	9.060
810_at	9138	*ARHGEF1*	3.179	9.054
34906_g_at	2901	*GRIK5*	3.170	9.000
1467_at	2059	*EPS8*	3.170	8.998
34376_at	11142	*PKIG*	3.169	8.997
38761_s_at	11328	*FKBP9*	3.169	8.993
37790_at	27287	*VENTX*	3.168	8.988
39741_at	3032	*HADHB*	3.162	8.953
38127_at	6382	*SDC1*	3.162	8.952
37383_f_at	3106	*HLA-B*	3.162	8.948
36454_at	771	*CA12*	3.155	8.906
306_s_at	3150	*HMGN1*	3.153	8.894
34779_at	27090	*ST6GALNAC4*	3.153	8.892
40359_at	8045	*RASSF7*	3.152	8.890
33768_at	1762	*DMWD*	3.147	8.855
36557_at	782	*CACNB1*	3.145	8.848
626_s_at	3430	*IFI35*	3.144	8.842
36562_at	9811	*KIAA0427*	3.144	8.841
590_at	3384	*ICAM2*	3.144	8.840
39033_at	9528	*TMEM59*	3.141	8.822
585_at	7520	*XRCC5*	3.141	8.822
2088_s_at	2048	*EPHB2*	3.139	8.810
39747_at	5436	*POLR2G*	3.138	8.805
630_at	1635	*DCTD*	3.138	8.802
425_at	3429	*IFI27*	3.138	8.800
36661_s_at	929	*CD14*	3.137	8.799
1420_s_at	1974	*EIF4A2*	3.133	8.774
31417_at	3060	*HCRT*	3.133	8.773
37567_at	6297	*SALL2*	3.132	8.769
36981_at	6726	*SRP9*	3.129	8.748
37811_at	9254	*CACNA2D2*	3.128	8.745
32104_i_at	818	*CAMK2G*	3.128	8.744
36239_at	5450	*POU2AF1*	3.128	8.741
38340_at	9026	*HIP1R*	3.127	8.739
2058_s_at	3693	*ITGB5*	3.127	8.739
36322_at	2529	*FUT7*	3.127	8.733
40410_at	11258	*DCTN3*	3.125	8.725
39047_at	9733	*SART3*	3.124	8.717
41723_s_at	3123	*HLA-DRB1*	3.123	8.712
34820_at	5764	*PTN*	3.121	8.699
38792_at	6611	*SMS*	3.120	8.691
35354_at	9145	*SYNGR1*	3.117	8.676
33500_i_at	3492	*IGH*	3.115	8.665
40171_at	23401	*FRAT2*	3.112	8.644

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38312_at	169611	*OLFML2A*	3.111	8.639
463_g_at	4781	*NFIB*	3.110	8.635
37757_at	7027	*TFDP1*	3.110	8.634
33297_at	221443	*C6orf130*	3.110	8.633
41836_at	10523	*CHERP*	3.109	8.629
36554_at	8623	*ASMTL*	3.108	8.622
40445_at	1999	*ELF3*	3.107	8.618
501_g_at	1573	*CYP2J2*	3.104	8.601
36531_r_at	79090	*TRAPPC6A*	3.104	8.600
34372_at	10075	*HUWE1*	3.104	8.598
1083_s_at	4582	*MUC1*	3.103	8.592
38755_at	8772	*FADD*	3.100	8.572
1664_at	3481	*IGF2*	3.099	8.569
41401_at	1466	*CSRP2*	3.099	8.567
35905_s_at	2597	*GAPDH*	3.099	8.566
40593_at	5725	*PTBP1*	3.097	8.559
296_at	7280	*TUBB2A*	3.092	8.530
39933_at	1849	*DUSP7*	3.092	8.526
38995_at	7122	*CLDN5*	3.092	8.524
40898_at	8878	*SQSTM1*	3.091	8.519
36553_at	8623	*ASMTL*	3.090	8.516
32444_at	155066	*ATP6V0E2*	3.085	8.484
32713_at	2800	*GOLGA1*	3.084	8.479
39721_at	1947	*EFNB1*	3.083	8.473
38482_at	1366	*CLDN7*	3.081	8.464
977_s_at	999	*CDH1*	3.081	8.464
AFFX-HUMGAPDH/M33197_M_at	2597	*GAPDH*	3.077	8.438
40780_at	1488	*CTBP2*	3.074	8.419
39159_at	6455	*SH3GL1*	3.072	8.409
34798_at	573	*BAG1*	3.071	8.405
40986_s_at	27229	*TUBGCP4*	3.069	8.391
1873_at	7508	*XPC*	3.069	8.390
1272_at	1968	*EIF2S3*	3.065	8.367
34651_at	1312	*COMT*	3.064	8.363
732_f_at	4584	*MUC3A*	3.061	8.345
38821_at	10424	*PGRMC2*	3.060	8.341
32806_at	706	*TSPO*	3.059	8.337
34429_at	8174	*MADCAM1*	3.059	8.336
34839_at	10531	*PITRM1*	3.058	8.331
37831_at	23094	*SIPA1L3*	3.055	8.311
39967_at	23641	*LDOC1*	3.048	8.271
33899_at	223	*ALDH9A1*	3.044	8.245
37205_at	23194	*FBXL7*	3.043	8.239
31399_at	27302	*BMP10*	3.042	8.235
33929_at	2817	*GPC1*	3.039	8.221
38456_s_at	6628	*SNRPB*	3.039	8.220
1007_s_at	780	*DDR1*	3.038	8.215

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
32846_s_at	3895	*KTN1*	3.037	8.209
37025_at	9516	*LITAF*	3.035	8.198
155_s_at	7341	*SUMO1*	3.032	8.181
37717_at	4670	*HNRNPM*	3.032	8.177
32582_at	4629	*MYH11*	3.031	8.176
39723_at	8454	*CUL1*	3.028	8.157
723_s_at	3183	*HNRNPC*	3.027	8.150
1586_at	3486	*IGFBP3*	3.026	8.147
34765_at	9933	*KIAA0020*	3.022	8.126
32811_at	4641	*MYO1C*	3.021	8.116
36156_at	358	*AQP1*	3.018	8.103
34147_g_at	4968	*OGG1*	3.018	8.098
38809_s_at	2137	*EXTL3*	3.017	8.095
40146_at	5908	*RAP1B*	3.017	8.095
41002_at	9121	*SLC16A5*	3.017	8.093
37376_at	51035	*UBXN1*	3.017	8.093
960_g_at	998	*CDC42*	3.016	8.092
33457_at	23272	*C3orf63*	3.016	8.091
40303_at	7022	*TFAP2C*	3.016	8.087
37676_at	5151	*PDE8A*	3.013	8.074
111_at	5875	*RABGGTA*	3.012	8.066
AFFX-BioB-3_at	---	---	3.011	8.059
2050_s_at	5879	*RAC1*	3.009	8.050
37954_at	653145	*ANXA8*	3.008	8.045
35955_at	100130418	*CECR7*	3.007	8.038
654_at	4601	*MXI1*	3.006	8.034
33814_at	10298	*PAK4*	3.005	8.026
38758_at	11333	*PDAP1*	3.003	8.019
32919_at	347902	*AMIGO2*	3.003	8.016
38126_at	633	*BGN*	3.003	8.015
34819_at	8763	*CD164*	3.001	8.003
37352_at	6672	*SP100*	2.998	7.987
36732_at	89845	*ABCC10*	2.994	7.966
33211_at	6238	*RRBP1*	2.993	7.962
34397_at	51747	*LUC7L3*	2.991	7.949
34849_at	6301	*SARS*	2.991	7.948
36614_at	3309	*HSPA5*	2.990	7.947
36578_at	329	*BIRC2*	2.990	7.946
34861_at	2802	*GOLGA3*	2.989	7.938
541_g_at	3316	*HSPB2*	2.987	7.930
1035_g_at	7078	*TIMP3*	2.987	7.926
34404_at	50813	*COPS7A*	2.987	7.926
40465_at	9416	*DDX23*	2.986	7.922
41867_at	90993	*CREB3L1*	2.983	7.907
36161_at	163	*AP2B1*	2.982	7.903
36696_at	100289666	*LOC100289848*	2.980	7.892
37268_at	7423	*VEGFB*	2.980	7.890
39868_at	54039	*PCBP3*	2.978	7.879

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
37373_at	7360	*UGP2*	2.977	7.872
37294_at	694	*BTG1*	2.973	7.854
37637_at	5998	*RGS3*	2.971	7.842
33730_at	9052	*GPRC5A*	2.967	7.822
594_s_at	1457	*CSNK2A1*	2.967	7.820
40149_at	25970	*SH2B1*	2.966	7.811
179_at	441263	*PMS2L11*	2.963	7.796
41800_s_at	7266	*DNAJC7*	2.961	7.785
39097_at	6651	*SON*	2.959	7.778
37928_at	4801	*NFYB*	2.959	7.777
37666_at	5693	*PSMB5*	2.959	7.776
36625_at	641371	*ACOT1*	2.958	7.768
38223_at	11138	*TBC1D8*	2.957	7.763
38123_at	8872	*CDC123*	2.956	7.761
33258_g_at	1743	*DLST*	2.954	7.749
38427_at	1306	*COL15A1*	2.954	7.747
38636_at	3671	*ISLR*	2.952	7.736
1107_s_at	9636	*ISG15*	2.950	7.727
39015_f_at	3853	*KRT6A*	2.948	7.715
41825_at	---	---	2.945	7.702
36962_at	1314	*COPA*	2.945	7.702
34358_at	6150	*MRPL23*	2.945	7.702
41500_at	---	---	2.944	7.694
39049_at	63940	*GPSM3*	2.937	7.657
41648_at	1384	*CRAT*	2.935	7.648
37582_at	3866	*KRT15*	2.935	7.648
35300_at	2058	*EPRS*	2.934	7.644
35675_at	10174	*SORBS3*	2.934	7.642
38479_at	10541	*ANP32B*	2.932	7.633
38992_at	7913	*DEK*	2.932	7.630
34380_at	30968	*STOML2*	2.931	7.628
34325_at	10084	*PQBP1*	2.930	7.620
459_s_at	274	*BIN1*	2.927	7.606
647_at	10544	*PROCR*	2.926	7.600
31623_f_at	4489	*MT1A*	2.926	7.598
38674_at	55958	*KLHL9*	2.925	7.597
37765_at	25802	*LMOD1*	2.925	7.596
39062_at	5476	*CTSA*	2.924	7.592
31680_at	7152	*TOP1P2*	2.918	7.559
39557_at	201229	*LOC201229*	2.917	7.554
34825_at	51567	*TTRAP*	2.916	7.548
39760_at	9444	*QKI*	2.916	7.545
201_s_at	567	*B2M*	2.915	7.544
36332_at	15	*AANAT*	2.915	7.541
41193_at	1848	*DUSP6*	2.914	7.536
317_at	5641	*LGMN*	2.908	7.504
35361_at	65018	*PINK1*	2.908	7.504
32718_at	8460	*TPST1*	2.908	7.504

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
35787_at	1781	*DYNC1I2*	2.907	7.500
36530_g_at	79090	*TRAPPC6A*	2.905	7.489
37442_at	222161	*DKFZP586I1420*	2.901	7.470
38437_at	22794	*CASC3*	2.900	7.466
38075_at	6856	*SYPL1*	2.900	7.462
39071_at	3685	*ITGAV*	2.897	7.448
40444_s_at	1500	*CTNND1*	2.893	7.427
37821_at	8537	*BCAS1*	2.892	7.424
39631_at	2013	*EMP2*	2.892	7.423
32815_at	---	---	2.891	7.416
41159_at	1213	*CLTC*	2.889	7.406
34369_at	9927	*MFN2*	2.888	7.405
31504_at	3069	*HDLBP*	2.888	7.405
1385_at	7045	*TGFBI*	2.888	7.404
34865_at	4726	*NDUFS6*	2.888	7.403
39331_at	7280	*TUBB2A*	2.887	7.399
32635_at	51592	*TRIM33*	2.886	7.394
33836_at	100132247	*LOC100132247*	2.886	7.392
40912_s_at	670	*BPHL*	2.885	7.388
33740_at	10712	*FAM189B*	2.885	7.387
33881_at	2181	*ACSL3*	2.885	7.385
421_at	7175	*TPR*	2.884	7.380
32807_at	25948	*KBTBD2*	2.884	7.379
840_at	7994	*MYST3*	2.883	7.378
41047_at	79095	*C9orf16*	2.883	7.375
38098_at	23175	*LPIN1*	2.882	7.373
37039_at	3122	*HLA-DRA*	2.881	7.368
40936_at	51232	*CRIM1*	2.880	7.363
38292_at	9455	*HOMER2*	2.880	7.361
34787_at	4898	*NRD1*	2.879	7.358
31785_f_at	---	---	2.877	7.348
35321_at	11011	*TLK2*	2.877	7.346
37270_at	482	*ATP1B2*	2.877	7.344
38125_at	5054	*SERPINE1*	2.874	7.329
34780_at	23654	*PLXNB2*	2.874	7.329
575_s_at	4072	*EPCAM*	2.867	7.297
40107_at	230	*ALDOC*	2.866	7.291
40199_at	4487	*MSX1*	2.863	7.275
38779_r_at	3068	*HDGF*	2.860	7.263
39184_at	6923	*TCEB2*	2.860	7.260
38721_at	57658	*CALCOCO1*	2.858	7.252
956_at	10383	*TUBB2C*	2.856	7.242
41116_at	115939	*C16orf42*	2.854	7.228
39173_at	2091	*FBL*	2.851	7.214
1521_at	4830	*NME1*	2.850	7.212
442_at	7184	*HSP90B1*	2.846	7.192
1469_at	9261	*MAPKAPK2*	2.846	7.191
37141_at	3169	*FOXA1*	2.845	7.187

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
36423_at	26471	*NUPR1*	2.844	7.182
39748_at	6541	*SLC7A1*	2.843	7.177
37031_at	23196	*FAM120A*	2.840	7.161
37078_at	919	*CD247*	2.838	7.149
37049_g_at	10953	*TOMM34*	2.834	7.132
36407_at	26085	*KLK13*	2.831	7.118
36008_at	11156	*PTP4A3*	2.831	7.114
564_at	2767	*GNA11*	2.829	7.106
38354_at	1051	*CEBPB*	2.828	7.100
34969_s_at	26873	*OPLAH*	2.828	7.099
31814_i_at	4037	*LRP3*	2.827	7.096
32548_at	10728	*PTGES3*	2.825	7.086
37735_at	552891	*DNAJC25-GNG10*	2.824	7.083
36024_at	11272	*PRR4*	2.823	7.077
34197_at	5296	*PIK3R2*	2.822	7.073
39861_at	2017	*CTTN*	2.822	7.071
35331_at	8727	*CTNNAL1*	2.819	7.057
32028_at	100130283	*LOC100130283*	2.819	7.056
37814_g_at	317781	*DDX51*	2.819	7.056
33439_at	150094	*SIK1*	2.817	7.049
286_at	8337	*HIST2H2AA3*	2.817	7.048
1038_s_at	3459	*IFNGR1*	2.817	7.047
37768_at	4350	*MPG*	2.816	7.043
1754_at	1616	*DAXX*	2.816	7.043
35814_at	10480	*EIF3M*	2.816	7.040
31410_at	23495	*TNFRSF13B*	2.815	7.039
37677_at	5230	*PGK1*	2.815	7.035
36728_at	146	*ADRA1D*	2.813	7.026
41175_at	865	*CBFB*	2.812	7.024
31481_s_at	9168	*TMSB10*	2.812	7.021
244_at	3297	*HSF1*	2.811	7.018
40315_at	11005	*SPINK5*	2.809	7.007
1138_at	6574	*SLC20A1*	2.808	7.001
40132_g_at	51622	*C7orf28A*	2.805	6.988
35492_at	66002	*CYP4F12*	2.804	6.983
1312_at	5714	*PSMD8*	2.802	6.972
37393_at	3280	*HES1*	2.800	6.965
36987_at	84823	*LMNB2*	2.800	6.965
36992_at	7295	*TXN*	2.800	6.963
37955_at	10330	*CNPY2*	2.797	6.952
37978_at	23475	*QPRT*	2.797	6.951
38998_g_at	6576	*SLC25A1*	2.797	6.950
31621_s_at	2006	*ELN*	2.797	6.948
970_r_at	8239	*USP9X*	2.795	6.939
39329_at	87	*ACTN1*	2.793	6.930
38375_at	2098	*ESD*	2.787	6.902
36654_s_at	3181	*HNRNPA2B1*	2.785	6.893

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
33300_at	728642	*CDC2L2*	2.785	6.893
37656_at	22937	*SCAP*	2.785	6.891
237_s_at	5515	*PPP2CA*	2.783	6.881
31393_r_at	8433	*UTF1*	2.782	6.879
1126_s_at	960	*CD44*	2.780	6.867
35119_at	100287887	*LOC100293761*	2.779	6.862
40165_at	64061	*TSPYL2*	2.777	6.855
31669_s_at	3207	*HOXA11*	2.777	6.854
1280_i_at	2872	*MKNK2*	2.776	6.851
40961_at	6595	*SMARCA2*	2.775	6.846
33727_r_at	51750	*RTEL1*	2.775	6.845
39182_at	2014	*EMP3*	2.775	6.845
34668_at	9197	*SLC33A1*	2.773	6.834
40222_s_at	---	---	2.769	6.817
35279_at	8887	*TAX1BP1*	2.769	6.816
1550_at	10573	*MRPL28*	2.767	6.808
35362_at	4651	*MYO10*	2.767	6.808
38412_at	6992	*PPP1R11*	2.767	6.806
34851_at	6790	*AURKA*	2.763	6.787
31775_at	6441	*SFTPD*	2.761	6.777
33441_at	6988	*TCTA*	2.761	6.777
39893_at	2788	*GNG7*	2.758	6.766
420_at	4158	*MC2R*	2.755	6.750
32269_at	9223	*MAGI1*	2.753	6.743
35349_at	8533	*COPS3*	2.753	6.741
40883_at	8675	*STX16*	2.752	6.737
1493_r_at	1548	*CYP2A6*	2.750	6.727
1160_at	1537	*CYC1*	2.748	6.716
32409_at	84720	*PIGO*	2.747	6.713
1398_g_at	4296	*MAP3K11*	2.747	6.712
41320_s_at	9208	*LRRFIP1*	2.745	6.703
33192_g_at	55719	*FAM178A*	2.743	6.696
824_at	9446	*GSTO1*	2.743	6.696
1737_s_at	3487	*IGFBP4*	2.741	6.685
36783_f_at	51351	*ZNF117*	2.741	6.683
35369_at	23220	*DTX4*	2.738	6.674
41046_s_at	9203	*ZMYM3*	2.734	6.653
34783_s_at	9184	*BUB3*	2.732	6.644
1424_s_at	7533	*YWHAH*	2.729	6.629
40805_at	26037	*SIPA1L1*	2.726	6.617
38178_at	3294	*HSD17B2*	2.725	6.611
37904_s_at	2794	*GNL1*	2.724	6.609
36959_at	6051	*RNPEP*	2.723	6.603
41366_at	22864	*R3HDM2*	2.722	6.596
37196_at	1003	*CDH5*	2.722	6.596
38398_at	8567	*MADD*	2.721	6.595
39506_at	---	---	2.721	6.594
37920_at	5307	*PITX1*	2.721	6.593

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38265_at	5930	*RBBP6*	2.721	6.593
33877_s_at	92140	*MTDH*	2.721	6.593
39784_at	1965	*EIF2S1*	2.720	6.590
918_at	20	*ABCA2*	2.719	6.583
39306_at	10279	*PRSS16*	2.717	6.577
32764_at	10404	*PGCP*	2.716	6.570
319_g_at	8971	*H1FX*	2.715	6.567
38804_at	1434	*CSE1L*	2.715	6.565
2069_s_at	1495	*CTNNA1*	2.715	6.565
34858_at	23510	*KCTD2*	2.715	6.564
38716_at	10645	*CAMKK2*	2.713	6.559
38945_at	4520	*MTF1*	2.712	6.551
36123_at	7263	*TST*	2.711	6.547
35340_at	4218	*RAB8A*	2.709	6.540
40236_at	6542	*SLC7A2*	2.709	6.537
36681_at	347	*APOD*	2.708	6.534
36963_at	5226	*PGD*	2.708	6.534
40815_g_at	3423	*IDS*	2.707	6.528
151_s_at	203068	*TUBB*	2.706	6.527
40332_at	11054	*OGFR*	2.706	6.525
39790_at	488	*ATP2A2*	2.703	6.512
31833_at	8394	*PIP5K1A*	2.702	6.507
37977_at	113878	*DTX2*	2.701	6.503
35505_at	8289	*ARID1A*	2.701	6.501
32820_at	4850	*CNOT4*	2.698	6.490
38614_s_at	8473	*OGT*	2.698	6.487
31804_f_at	6817	*SULT1A1*	2.697	6.484
1009_at	3094	*HINT1*	2.696	6.482
37801_at	23545	*ATP6V0A2*	2.694	6.470
725_i_at	1444	*CSHL1*	2.694	6.470
39705_at	23309	*SIN3B*	2.692	6.461
36994_at	527	*ATP6V0C*	2.689	6.447
668_s_at	4316	*MMP7*	2.688	6.446
40876_at	2992	*GYG1*	2.688	6.444
41054_at	23149	*FCHO1*	2.687	6.441
38733_at	7520	*XRCC5*	2.687	6.438
33873_at	6944	*VPS72*	2.685	6.432
34767_at	64112	*MOAP1*	2.684	6.428
41772_at	4128	*MAOA*	2.684	6.424
34384_at	4363	*ABCC1*	2.681	6.412
1196_at	1104	*RCC1*	2.681	6.412
34832_s_at	9922	*IQSEC1*	2.675	6.389
39929_at	23240	*KIAA0922*	2.675	6.387
32644_at	23511	*NUP188*	2.674	6.381
33903_at	1613	*DAPK3*	2.674	6.381
34303_at	219654	*ZCCHC24*	2.672	6.373
39754_at	3693	*ITGB5*	2.672	6.371
31419_r_at	---	---	2.669	6.359

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38251_at	140465	*MYL6B*	2.667	6.352
35834_at	563	*AZGP1*	2.665	6.342
351_f_at	6428	*SFRS3*	2.665	6.340
36132_at	501	*ALDH7A1*	2.663	6.331
862_at	5268	*SERPINB5*	2.662	6.329
34394_at	23394	*ADNP*	2.659	6.318
36865_at	23357	*ANGEL1*	2.658	6.312
37652_at	23523	*CABIN1*	2.655	6.298
33382_at	27163	*NAAA*	2.654	6.295
40069_at	6840	*SVIL*	2.653	6.289
34655_at	4355	*MPP2*	2.652	6.283
38431_at	5601	*MAPK9*	2.651	6.281
657_at	56114	*PCDHGA1*	2.650	6.277
41532_at	7709	*ZBTB17*	2.650	6.276
39166_s_at	871	*SERPINH1*	2.646	6.261
37740_r_at	292	*SLC25A5*	2.646	6.261
36109_at	5184	*PEPD*	2.646	6.259
567_s_at	161527	*LOC161527*	2.645	6.257
1415_at	---	---	2.645	6.257
35339_at	4218	*RAB8A*	2.640	6.235
36035_at	8733	*GPAA1*	2.639	6.231
37760_at	10458	*BAIAP2*	2.635	6.211
35335_at	9475	*ROCK2*	2.633	6.204
32810_at	7172	*TPMT*	2.632	6.198
37546_r_at	192683	*SCAMP5*	2.632	6.197
32612_at	2934	*GSN*	2.630	6.192
37915_at	29994	*BAZ2B*	2.630	6.189
40206_at	5681	*PSKH1*	2.630	6.189
37281_at	9780	*FAM38A*	2.628	6.182
39030_at	10567	*RABAC1*	2.628	6.182
34694_at	6603	*SMARCD2*	2.626	6.175
457_s_at	7341	*SUMO1*	2.625	6.171
41718_g_at	3992	*FADS1*	2.625	6.170
37963_at	410	*ARSA*	2.620	6.148
34345_at	24148	*PRPF6*	2.619	6.143
40360_at	8273	*SLC10A3*	2.617	6.135
35474_s_at	1277	*COL1A1*	2.617	6.134
880_at	2280	*FKBP1A*	2.615	6.125
39135_at	23151	*GRAMD4*	2.614	6.124
859_at	1545	*CYP1B1*	2.614	6.121
38981_at	4709	*NDUFB3*	2.612	6.113
709_at	203068	*TUBB*	2.611	6.110
36955_at	10960	*LMAN2*	2.610	6.105
38743_f_at	5894	*RAF1*	2.609	6.102
35345_at	3158	*HMGCS2*	2.607	6.093
41177_at	79888	*LPCAT1*	2.606	6.087
1179_at	3312	*HSPA8*	2.606	6.086
37734_at	55233	*MOBKL1B*	2.605	6.085

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
41223_at	9377	*COX5A*	2.604	6.079
40877_s_at	400322	*HERC2P2*	2.604	6.078
40819_at	9939	*RBM8A*	2.603	6.077
33753_at	23002	*DAAM1*	2.603	6.077
39307_s_at	1212	*CLTB*	2.599	6.061
36670_at	23644	*EDC4*	2.598	6.055
315_at	7799	*PRDM2*	2.594	6.039
549_at	5917	*RARS*	2.593	6.033
41161_at	1616	*DAXX*	2.592	6.031
33453_at	26469	*PTPN18*	2.590	6.022
661_at	2619	*GAS1*	2.590	6.022
38203_at	3780	*KCNN1*	2.589	6.019
35766_at	3875	*KRT18*	2.588	6.012
37033_s_at	2876	*GPX1*	2.588	6.012
1906_at	79109	*MAPKAP1*	2.587	6.009
40932_at	84243	*ZDHHC18*	2.586	6.006
32487_s_at	6181	*RPLP2*	2.582	5.988
41078_at	23144	*ZC3H3*	2.582	5.987
37704_at	593	*BCKDHA*	2.579	5.977
36192_at	9805	*SCRN1*	2.579	5.973
38901_at	10869	*USP19*	2.578	5.972
1313_at	5695	*PSMB7*	2.576	5.963
40864_at	5879	*RAC1*	2.575	5.959
1912_s_at	324	*APC*	2.575	5.957
38558_at	4099	*MAG*	2.572	5.948
41458_at	23334	*KIAA0467*	2.570	5.938
35443_at	23633	*KPNA6*	2.568	5.930
40635_at	10211	*FLOT1*	2.567	5.926
40903_at	10159	*ATP6AP2*	2.566	5.923
1244_at	6773	*STAT2*	2.566	5.920
36791_g_at	7168	*TPM1*	2.565	5.916
41699_f_at	23774	*BRD1*	2.564	5.914
39059_at	1717	*DHCR7*	2.562	5.904
499_at	8379	*MAD1L1*	2.557	5.886
40014_at	10500	*SEMA6C*	2.557	5.884
38713_at	6721	*SREBF2*	2.556	5.882
32335_r_at	7316	*UBC*	2.552	5.865
32219_at	9874	*TLK1*	2.552	5.863
39780_at	5532	*PPP3CB*	2.551	5.861
40807_at	10489	*LRRC41*	2.550	5.855
37674_at	211	*ALAS1*	2.549	5.851
38391_at	822	*CAPG*	2.549	5.851
40816_at	11137	*PWP1*	2.547	5.845
41222_at	6778	*STAT6*	2.547	5.843
38984_at	9581	*PREPL*	2.546	5.839
33738_r_at	400410	*ST20*	2.543	5.827
40409_at	224	*ALDH3A2*	2.540	5.815
36165_at	1345	*COX6C*	2.538	5.808

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
41130_at	8498	*RANBP3*	2.537	5.803
39709_at	6415	*SEPW1*	2.536	5.801
38385_at	11034	*DSTN*	2.536	5.801
1497_at	4055	*LTBR*	2.533	5.788
40675_r_at	3223	*HOXC6*	2.531	5.781
37382_at	6231	*RPS26*	2.529	5.771
38827_at	10551	*AGR2*	2.528	5.769
1792_g_at	1017	*CDK2*	2.526	5.759
41251_at	9326	*ZNHIT3*	2.526	5.758
108_g_at	142684	*RAB40A*	2.525	5.757
109_at	10244	*RABEPK*	2.525	5.755
41195_at	4026	*LPP*	2.523	5.750
36604_at	7334	*UBE2N*	2.522	5.745
39130_at	23339	*VPS39*	2.522	5.745
38700_at	1465	*CSRP1*	2.522	5.743
471_f_at	10381	*TUBB3*	2.521	5.741
39624_at	1241	*LTB4R*	2.521	5.738
38022_s_at	5339	*PLEC1*	2.520	5.737
37026_at	1316	*KLF6*	2.515	5.717
35254_at	10906	*TRAFD1*	2.512	5.706
34213_at	23286	*WWC1*	2.510	5.696
33876_at	25937	*WWTR1*	2.508	5.686
37024_at	9516	*LITAF*	2.507	5.684
36329_at	4250	*SCGB2A2*	2.507	5.684
33805_at	9857	*CEP350*	2.505	5.678
32822_at	291	*SLC25A4*	2.504	5.671
36422_s_at	8646	*CHRD*	2.503	5.668
821_s_at	2348	*FOLR1*	2.501	5.662
35454_at	9651	*PLCH2*	2.497	5.643
35283_at	55218	*EXD2*	2.496	5.643
33913_at	7916	*BAT2*	2.496	5.639
36138_at	826	*CAPNS1*	2.495	5.635
40725_at	9527	*GOSR1*	2.494	5.632
39686_g_at	25814	*ATXN10*	2.492	5.624
35615_at	23246	*BOP1*	2.491	5.623
41552_g_at	11079	*RER1*	2.491	5.621
37762_at	2012	*EMP1*	2.491	5.620
31492_at	27335	*EIF3K*	2.489	5.612
36505_at	845	*CASQ2*	2.488	5.610
38740_at	677	*ZFP36L1*	2.485	5.599
31863_at	23076	*RRP1B*	2.485	5.597
39547_at	10048	*RANBP9*	2.484	5.594
32648_at	8788	*DLK1*	2.480	5.580
1448_at	5684	*PSMA3*	2.479	5.573
480_at	9088	*PKMYT1*	2.478	5.571
39022_at	26173	*INTS1*	2.478	5.571
41247_at	---	---	2.472	5.549
1431_at	1571	*CYP2E1*	2.472	5.548

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
446_at	1455	*CSNK1G2*	2.472	5.548
38999_s_at	4836	*NMT1*	2.471	5.544
133_at	1075	*CTSC*	2.469	5.536
36647_at	55699	*IARS2*	2.468	5.534
32180_s_at	8603	*C4orf8*	2.468	5.534
993_at	7297	*TYK2*	2.468	5.532
455_at	6603	*SMARCD2*	2.467	5.530
34349_at	11231	*SEC63*	2.467	5.529
40491_at	51742	*ARID4B*	2.466	5.526
402_s_at	3385	*ICAM3*	2.466	5.525
38469_at	7103	*TSPAN8*	2.465	5.520
41337_at	166	*AES*	2.465	5.520
32970_f_at	22927	*HABP4*	2.464	5.519
37589_at	---	---	2.464	5.517
32611_at	5037	*PEBP1*	2.464	5.516
40953_at	1266	*CNN3*	2.462	5.511
36455_at	1299	*COL9A3*	2.462	5.510
1622_at	5606	*MAP2K3*	2.461	5.505
2011_s_at	638	*BIK*	2.460	5.504
36581_at	2617	*GARS*	2.460	5.502
32719_at	3084	*NRG1*	2.460	5.501
1998_i_at	581	*BAX*	2.458	5.494
40589_at	6645	*SNTB2*	2.457	5.489
35194_at	2877	*GPX2*	2.456	5.487
37160_at	6699	*SPRR1B*	2.453	5.475
31737_at	58	*ACTA1*	2.451	5.469
40926_at	6535	*SLC6A8*	2.451	5.469
39008_at	1356	*CP*	2.449	5.459
41166_at	3507	*IGHM*	2.449	5.459
33520_at	2155	*F7*	2.449	5.459
31528_f_at	8342	*HIST1H2BM*	2.446	5.451
35693_at	3241	*HPCAL1*	2.446	5.450
38529_at	32	*ACACB*	2.446	5.449
41098_at	23500	*DAAM2*	2.446	5.448
35669_at	23242	*COBL*	2.445	5.444
41782_g_at	8500	*PPFIA1*	2.444	5.443
37638_at	1793	*DOCK1*	2.443	5.439
38935_at	283135	*C11orf72*	2.442	5.435
41485_at	3939	*LDHA*	2.442	5.434
37463_r_at	8175	*SF3A2*	2.442	5.433
35403_at	22845	*DOLK*	2.438	5.418
33251_at	23023	*TMCC1*	2.438	5.418
40060_r_at	10611	*PDLIM5*	2.437	5.415
36154_at	9807	*IP6K1*	2.430	5.390
37267_at	7064	*THOP1*	2.429	5.383
40271_at	9688	*NUP93*	2.427	5.378
37663_at	1653	*DDX1*	2.427	5.377
692_s_at	6649	*SOD3*	2.426	5.372

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
35530_f_at	3535	*IGL*	2.425	5.370
31905_at	8811	*GALR2*	2.424	5.367
36417_s_at	30	*ACAA1*	2.424	5.366
36811_at	4016	*LOXL1*	2.420	5.350
1884_s_at	5111	*PCNA*	2.420	5.350
39833_at	50488	*MINK1*	2.419	5.347
35368_at	7756	*ZNF207*	2.417	5.340
37364_at	11331	*PHB2*	2.417	5.339
1072_g_at	2624	*GATA2*	2.416	5.339
33392_at	26100	*WIPI2*	2.416	5.336
31791_at	8626	*TP63*	2.414	5.331
36784_at	1444	*CSHL1*	2.413	5.326
744_at	1659	*DHX8*	2.413	5.326
37410_at	6837	*MED22*	2.406	5.299
38031_at	9775	*EIF4A3*	2.404	5.294
33135_at	6573	*SLC19A1*	2.404	5.292
406_at	3691	*ITGB4*	2.404	5.291
33510_s_at	2911	*GRM1*	2.402	5.287
35754_at	10972	*TMED10*	2.401	5.282
41841_at	8019	*BRD3*	2.400	5.280
36650_at	894	*CCND2*	2.400	5.278
41120_at	275	*AMT*	2.399	5.274
229_at	10153	*CEBPZ*	2.399	5.273
36972_at	10959	*TMED2*	2.399	5.273
603_at	7181	*NR2C1*	2.398	5.270
38775_at	4035	*LRP1*	2.396	5.264
38837_at	56255	*TMX4*	2.395	5.259
1629_s_at	5783	*PTPN13*	2.394	5.258
32777_at	7485	*WRB*	2.394	5.256
AFFX-HUMISGF3A/M97935_MA_at	6772	*STAT1*	2.393	5.253
37890_at	961	*CD47*	2.392	5.250
40928_at	26118	*WSB1*	2.391	5.246
36464_at	10321	*CRISP3*	2.391	5.244
38067_at	---	*40429*	2.390	5.240
33708_at	8501	*SLC43A1*	2.389	5.238
1535_at	1112	*FOXN3*	2.387	5.230
40890_at	4580	*MTX1*	2.386	5.229
37990_at	6261	*RYR1*	2.386	5.229
1890_at	9518	*GDF15*	2.386	5.229
1131_at	5605	*MAP2K2*	2.386	5.226
121_at	7849	*PAX8*	2.385	5.222
38701_at	7332	*UBE2L3*	2.384	5.221
2091_at	54361	*WNT4*	2.384	5.220
33781_s_at	9040	*UBE2M*	2.383	5.215
1587_at	5916	*RARG*	2.383	5.215
39896_at	8449	*DHX16*	2.382	5.211
1128_s_at	1230	*CCR1*	2.381	5.208

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38404_at	7052	*TGM2*	2.381	5.208
38447_at	156	*ADRBK1*	2.381	5.208
38811_at	471	*ATIC*	2.379	5.200
38682_at	8314	*BAP1*	2.378	5.197
31933_r_at	689	*BTF3*	2.377	5.196
36683_at	4256	*MGP*	2.373	5.181
38846_at	6742	*SSBP1*	2.373	5.181
AFFX-BioDn-5_at	---	---	2.373	5.179
36918_at	2982	*GUCY1A3*	2.372	5.178
36135_at	10969	*EBNA1BP2*	2.371	5.172
33816_at	4650	*MYO9B*	2.370	5.169
36120_at	2531	*KDSR*	2.367	5.160
556_s_at	2944	*GSTM1*	2.367	5.158
1874_at	5887	*RAD23B*	2.366	5.156
36582_g_at	2617	*GARS*	2.363	5.145
36462_at	10322	*SMYD5*	2.363	5.143
41829_at	23367	*LARP1*	2.362	5.142
1042_at	5918	*RARRES1*	2.362	5.140
35356_at	114932	*MRFAP1L1*	2.358	5.127
41494_at	10444	*ZER1*	2.355	5.116
37648_at	23170	*TTLL12*	2.354	5.112
34868_at	23381	*SMG5*	2.354	5.111
40831_at	26128	*KIAA1279*	2.352	5.105
39050_at	8106	*PABPN1*	2.351	5.100
32060_at	663	*BNIP2*	2.348	5.091
AFFX-HUMISGF3A/M97935_3_at	6772	*STAT1*	2.345	5.081
835_at	11333	*PDAP1*	2.341	5.068
34708_at	8547	*FCN3*	2.341	5.067
518_at	7376	*NR1H2*	2.340	5.064
40845_at	3609	*ILF3*	2.340	5.063
41280_r_at	9479	*MAPK8IP1*	2.340	5.063
39385_at	290	*ANPEP*	2.340	5.062
36001_at	4234	*METTL1*	2.339	5.061
1547_at	3718	*JAK3*	2.339	5.060
41443_at	23550	*PSD4*	2.338	5.056
31879_at	8939	*FUBP3*	2.338	5.055
36655_at	9414	*TJP2*	2.337	5.054
38782_at	2965	*GTF2H1*	2.337	5.052
36880_at	4835	*NQO2*	2.336	5.048
935_at	10487	*CAP1*	2.335	5.045
192_at	6879	*TAF7*	2.335	5.044
37048_at	10953	*TOMM34*	2.334	5.042
40637_at	3312	*HSPA8*	2.332	5.035
34697_at	4040	*LRP6*	2.330	5.028
40184_at	1452	*CSNK1A1*	2.328	5.021
35027_at	1140	*CHRNB1*	2.323	5.003
41314_at	1431	*CS*	2.322	5.001

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
37991_at	3703	*STT3A*	2.320	4.993
37654_at	9784	*SNX17*	2.319	4.991
38801_at	9218	*VAPA*	2.319	4.990
40128_at	9685	*CLINT1*	2.315	4.976
36684_at	262	*AMD1*	2.313	4.971
1794_at	896	*CCND3*	2.311	4.963
39441_at	10314	*LANCL1*	2.311	4.962
40756_at	10360	*NPM3*	2.310	4.958
37323_r_at	3248	*HPGD*	2.309	4.956
37362_at	5869	*RAB5B*	2.309	4.956
39114_at	11067	*C10orf10*	2.308	4.952
41107_at	9751	*SNPH*	2.307	4.948
806_at	1263	*PLK3*	2.305	4.943
37003_at	967	*CD63*	2.305	4.943
1237_at	8870	*IER3*	2.303	4.936
39037_at	4299	*AFF1*	2.303	4.933
968_i_at	8239	*USP9X*	2.302	4.933
33485_at	6124	*RPL4*	2.302	4.931
38783_at	4582	*MUC1*	2.301	4.929
720_at	3299	*HSF4*	2.300	4.926
38648_at	171017	*ZNF384*	2.300	4.926
34963_at	---	---	2.300	4.924
40424_at	11212	*PROSC*	2.294	4.906
37602_at	2593	*GAMT*	2.294	4.903
38595_r_at	283638	*KIAA0284*	2.292	4.898
35301_at	1399	*CRKL*	2.291	4.896
453_at	6601	*SMARCC2*	2.291	4.895
1645_at	3814	*KISS1*	2.291	4.894
AFFX-TrpnX-3_at	---	---	2.291	4.893
38121_at	7453	*WARS*	2.289	4.886
36472_at	9111	*NMI*	2.289	4.886
41096_at	6279	*S100A8*	2.287	4.880
34608_at	10399	*GNB2L1*	2.287	4.879
40821_at	191	*AHCY*	2.286	4.878
39451_i_at	3423	*IDS*	2.286	4.877
37722_s_at	1725	*DHPS*	2.286	4.876
32660_at	9881	*LBA1*	2.286	4.876
38044_at	11170	*FAM107A*	2.285	4.875
1197_at	72	*ACTG2*	2.285	4.874
40087_at	10497	*UNC13B*	2.285	4.874
35265_at	9513	*FXR2*	2.285	4.872
35650_at	9842	*PLEKHM1*	2.283	4.867
32350_at	10892	*MALT1*	2.279	4.855
505_at	11140	*CDC37*	2.277	4.848
1268_at	7317	*UBA1*	2.276	4.844
1573_at	5155	*PDGFB*	2.275	4.841
37998_at	6499	*SKIV2L*	2.273	4.834
38969_at	56005	*C19orf10*	2.271	4.825

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
41291_at	91304	*C19orf6*	2.271	4.825
41133_at	10146	*G3BP1*	2.269	4.821
41003_at	5203	*PFDN4*	2.268	4.818
258_at	4049	*LTA*	2.267	4.814
31341_at	3748	*KCNC3*	2.267	4.813
34215_at	8227	*SFRS17A*	2.267	4.812
31842_at	617	*BCS1L*	2.265	4.807
329_s_at	4926	*NUMA1*	2.265	4.805
40854_at	7385	*UQCRC2*	2.264	4.804
38399_at	6629	*SNRPB2*	2.264	4.802
34544_at	10308	*ZNF267*	2.262	4.797
33293_at	23017	*FAIM2*	2.262	4.795
1271_g_at	5970	*RELA*	2.261	4.792
35983_at	57418	*WDR18*	2.260	4.791
37153_at	261734	*NPHP4*	2.260	4.791
32282_at	---	---	2.258	4.785
38271_at	9759	*HDAC4*	2.258	4.785
1850_at	4292	*MLH1*	2.257	4.780
37367_at	529	*ATP6V1E1*	2.254	4.768
41624_r_at	51343	*FZR1*	2.253	4.768
32129_at	27246	*RNF115*	2.253	4.768
39356_at	23327	*NEDD4L*	2.253	4.766
38885_at	1763	*DNA2*	2.250	4.755
31596_f_at	91316	*LOC91316*	2.244	4.738
1897_at	7049	*TGFBR3*	2.244	4.736
32197_at	8402	*SLC25A11*	2.243	4.734
36685_at	262	*AMD1*	2.241	4.726
34415_at	91	*ACVR1B*	2.240	4.724
35753_at	10594	*PRPF8*	2.239	4.722
40020_at	1951	*CELSR3*	2.239	4.719
40446_at	5252	*PHF1*	2.238	4.718
38989_at	56941	*C3orf37*	2.237	4.715
770_at	2878	*GPX3*	2.237	4.714
40240_at	51704	*GPRC5B*	2.236	4.710
35451_s_at	---	---	2.235	4.708
39846_at	8722	*CTSF*	2.233	4.700
663_at	1964	*EIF1AX*	2.229	4.688
715_s_at	2678	*GGT1*	2.229	4.688
39271_at	8190	*MIA*	2.227	4.683
2064_g_at	2073	*ERCC5*	2.226	4.678
33898_at	10445	*MCRS1*	2.225	4.675
34826_at	6389	*SDHA*	2.225	4.674
37246_at	65057	*ACD*	2.224	4.672
35861_at	6482	*ST3GAL1*	2.223	4.668
33800_at	115	*ADCY9*	2.223	4.667
33713_at	10245	*TIMM17B*	2.222	4.665
40243_at	2774	*GNAL*	2.221	4.662
178_f_at	5379	*PMS2L1*	2.219	4.657

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34808_at	23387	*QSK*	2.219	4.655
757_at	302	*ANXA2*	2.217	4.649
40468_at	23048	*FNBP1*	2.215	4.644
31706_at	4589	*MUC7*	2.213	4.637
38647_at	11316	*COPE*	2.210	4.627
171_at	7411	*VBP1*	2.210	4.627
40522_at	2752	*GLUL*	2.210	4.626
34031_i_at	889	*KRIT1*	2.208	4.619
31862_at	7474	*WNT5A*	2.207	4.618
34198_at	5783	*PTPN13*	2.207	4.617
222_at	2131	*EXT1*	2.207	4.617
39770_at	9887	*SMG7*	2.206	4.615
32333_at	256051	*ZNF549*	2.206	4.614
40086_at	23063	*WAPAL*	2.205	4.611
AFFX-hum_alu_at	---	---	2.204	4.608
621_at	5867	*RAB4A*	2.204	4.608
40151_s_at	5830	*PEX5*	2.203	4.603
34759_at	7779	*SLC30A1*	2.202	4.601
41556_s_at	9957	*HS3ST1*	2.202	4.601
486_at	842	*CASP9*	2.202	4.601
1276_g_at	11030	*RBPMS*	2.201	4.598
34240_s_at	90634	*N4BP2L1*	2.201	4.598
33268_at	8242	*KDM5C*	2.201	4.597
33613_at	3500	*IGHG1*	2.200	4.593
33698_at	22897	*CEP164*	2.199	4.592
37554_at	5653	*KLK6*	2.198	4.589
34477_at	7404	*UTY*	2.198	4.588
40153_at	6890	*TAP1*	2.198	4.587
38258_at	84804	*MFSD9*	2.197	4.586
823_at	6376	*CX3CL1*	2.197	4.584
38105_at	65117	*RSRC2*	2.195	4.580
31610_at	10158	*PDZK1IP1*	2.192	4.568
34347_at	25915	*NDUFAF3*	2.191	4.567
35407_at	993	*CDC25A*	2.191	4.565
227_g_at	5573	*PRKAR1A*	2.189	4.561
32224_at	9873	*FCHSD2*	2.188	4.555
34268_at	10287	*RGS19*	2.187	4.554
1825_at	8826	*IQGAP1*	2.187	4.552
34707_at	1107	*CHD3*	2.186	4.552
749_at	790	*CAD*	2.186	4.551
33917_at	2036	*EPB41L1*	2.186	4.549
32835_at	8780	*RIOK3*	2.184	4.544
40302_at	129080	*EMID1*	2.184	4.543
32592_at	23351	*KIAA0323*	2.182	4.539
1583_at	7133	*TNFRSF1B*	2.182	4.539
34177_at	8704	*B4GALT2*	2.179	4.530
38903_at	2709	*GJB5*	2.177	4.522
772_at	1398	*CRK*	2.175	4.514

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40834_at	23037	*PDZD2*	2.173	4.508
39056_at	10606	*PAICS*	2.172	4.507
782_at	10623	*POLR3C*	2.171	4.502
33149_at	10978	*CLP1*	2.170	4.501
1081_at	4953	*ODC1*	2.169	4.497
32603_at	---	---	2.169	4.496
37552_at	3775	*KCNK1*	2.168	4.496
40910_at	829	*CAPZA1*	2.166	4.489
40129_at	5591	*PRKDC*	2.166	4.488
464_s_at	3430	*IFI35*	2.164	4.481
1240_at	835	*CASP2*	2.163	4.479
1402_at	4067	*LYN*	2.163	4.479
36474_at	23376	*KIAA0776*	2.163	4.478
41770_at	4128	*MAOA*	2.161	4.472
33607_at	3354	*HTR1E*	2.160	4.468
37796_at	4034	*LRCH4*	2.159	4.466
37713_at	95	*ACY1*	2.158	4.464
40570_at	2308	*FOXO1*	2.158	4.464
37907_at	8263	*F8A1*	2.158	4.462
40671_g_at	8942	*KYNU*	2.157	4.459
519_g_at	7376	*NR1H2*	2.156	4.458
35794_at	23362	*PSD3*	2.156	4.456
36673_at	4351	*MPI*	2.155	4.455
38314_at	23152	*CIC*	2.155	4.455
39052_at	3861	*KRT14*	2.154	4.449
40290_f_at	6482	*ST3GAL1*	2.153	4.447
32838_at	4628	*MYH10*	2.153	4.446
39010_at	2029	*ENSA*	2.151	4.443
34705_at	27095	*TRAPPC3*	2.151	4.441
41322_s_at	55651	*NHP2*	2.150	4.439
40105_at	4594	*MUT*	2.150	4.437
40077_at	48	*ACO1*	2.149	4.435
41522_at	4242	*MFNG*	2.146	4.427
38726_at	8818	*DPM2*	2.146	4.425
39873_at	5128	*PCTK2*	2.146	4.425
33875_at	8992	*ATP6V0E1*	2.145	4.424
31379_at	90477	*C9orf33*	2.144	4.421
33558_at	6910	*TBX5*	2.144	4.420
581_at	3912	*LAMB1*	2.144	4.420
39852_at	23111	*SPG20*	2.143	4.417
41143_at	801	*CALM1*	2.143	4.416
35093_at	9127	*P2RX6*	2.142	4.414
38013_at	57509	*MTUS1*	2.142	4.413
38435_at	10549	*PRDX4*	2.142	4.413
34641_at	5858	*PZP*	2.141	4.410
36583_at	6642	*SNX1*	2.141	4.410
34800_at	26018	*LRIG1*	2.139	4.404
33421_s_at	6309	*SC5DL*	2.139	4.404

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38080_at	1351	*COX8A*	2.137	4.399
32034_at	7764	*ZNF217*	2.137	4.399
38697_at	25844	*YIPF3*	2.137	4.398
34230_r_at	7355	*SLC35A2*	2.136	4.395
35229_at	1374	*CPT1A*	2.135	4.393
32573_at	8683	*SFRS9*	2.134	4.389
34703_f_at	10086	*HHLA1*	2.134	4.388
1251_g_at	5909	*RAP1GAP*	2.130	4.378
38472_at	23167	*EFR3A*	2.129	4.374
495_at	3601	*IL15RA*	2.128	4.372
38670_at	55905	*RNF114*	2.128	4.370
643_at	8431	*NR0B2*	2.128	4.370
33305_at	1992	*SERPINB1*	2.125	4.361
37972_at	1776	*DNASE1L3*	2.125	4.361
40470_at	4967	*OGDH*	2.124	4.360
106_at	864	*RUNX3*	2.124	4.360
34356_at	9412	*MED21*	2.124	4.359
1575_at	5243	*ABCB1*	2.123	4.356
41726_at	1889	*ECE1*	2.121	4.349
41404_at	8986	*RPS6KA4*	2.120	4.346
41374_at	6199	*RPS6KB2*	2.120	4.346
37655_at	2804	*GOLGB1*	2.118	4.341
40584_at	4927	*NUP88*	2.118	4.340
1598_g_at	2621	*GAS6*	2.117	4.337
38527_at	4841	*NONO*	2.116	4.336
41759_at	6500	*SKP1*	2.116	4.334
39296_at	150759	*LOC150759*	2.116	4.334
509_at	4089	*SMAD4*	2.115	4.331
33705_at	5142	*PDE4B*	2.113	4.326
38530_at	79629	*OCEL1*	2.113	4.326
1101_at	322	*APBB1*	2.112	4.323
33164_at	10420	*TESK2*	2.112	4.321
32140_at	6653	*SORL1*	2.109	4.314
33602_at	8698	*S1PR4*	2.109	4.314
34926_at	909	*CD1A*	2.109	4.313
38964_r_at	7454	*WAS*	2.108	4.312
731_f_at	4584	*MUC3A*	2.106	4.304
916_at	5798	*PTPRN*	2.105	4.301
37195_at	1583	*CYP11A1*	2.105	4.301
39263_at	4939	*OAS2*	2.104	4.300
36596_r_at	2628	*GATM*	2.104	4.298
922_at	5518	*PPP2R1A*	2.101	4.290
37271_at	6878	*TAF6*	2.101	4.289
37218_at	10950	*BTG3*	2.100	4.288
2039_s_at	2534	*FYN*	2.100	4.288
41804_at	79703	*C11orf80*	2.100	4.286
31687_f_at	3043	*HBB*	2.100	4.286
40183_at	78992	*YIPF2*	2.099	4.284

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38386_r_at	2937	*GSS*	2.098	4.282
31391_at	9001	*HAP1*	2.098	4.281
39567_at	364	*AQP7*	2.098	4.281
31342_at	2590	*GALNT2*	2.097	4.279
32316_s_at	3320	*HSP90AA1*	2.097	4.279
39674_r_at	1842	*ECM2*	2.097	4.277
38393_at	9766	*KIAA0247*	2.096	4.276
35537_at	8793	*TNFRSF10D*	2.096	4.276
32232_at	4711	*NDUFB5*	2.096	4.275
33222_at	8324	*FZD7*	2.095	4.272
38298_at	3779	*KCNMB1*	2.092	4.263
33650_at	55661	*DDX27*	2.091	4.262
41267_at	22980	*TCF25*	2.090	4.258
223_at	7332	*UBE2L3*	2.090	4.257
39031_at	1346	*COX7A1*	2.090	4.257
33249_at	4306	*NR3C2*	2.087	4.247
33921_at	2542	*SLC37A4*	2.086	4.245
34850_at	10477	*UBE2E3*	2.085	4.244
39734_at	9255	*AIMP1*	2.085	4.243
32154_at	7020	*TFAP2A*	2.081	4.231
40879_at	23299	*BICD2*	2.080	4.228
498_at	8887	*TAX1BP1*	2.080	4.227
36496_at	3613	*IMPA2*	2.080	4.227
40913_at	493	*ATP2B4*	2.080	4.227
33412_at	3956	*LGALS1*	2.079	4.225
683_at	5009	*OTC*	2.078	4.221
32558_at	10401	*PIAS3*	2.077	4.220
36449_s_at	5697	*PYY*	2.077	4.219
34900_at	8224	*SYN3*	2.077	4.219
33212_at	6238	*RRBP1*	2.077	4.218
34506_at	210	*ALAD*	2.076	4.215
32626_at	2673	*GFPT1*	2.075	4.212
34752_at	140609	*NEK7*	2.074	4.211
2087_s_at	1009	*CDH11*	2.074	4.210
33242_at	90121	*TSR2*	2.073	4.208
1127_at	6195	*RPS6KA1*	2.073	4.207
41765_at	11224	*RPL35*	2.072	4.205
38282_at	8751	*ADAM15*	2.072	4.203
1635_at	25	*ABL1*	2.072	4.203
38418_at	595	*CCND1*	2.071	4.203
33933_at	10406	*WFDC2*	2.070	4.199
39317_at	8418	*CMAH*	2.069	4.197
37420_i_at	3134	*HLA-F*	2.069	4.197
33218_at	2064	*ERBB2*	2.068	4.193
39832_at	51593	*SRRT*	2.068	4.192
38657_s_at	1211	*CLTA*	2.067	4.189
32586_at	23185	*LARP4B*	2.066	4.187
36186_at	10921	*RNPS1*	2.066	4.187

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38465_at	5066	*PAM*	2.064	4.182
778_s_at	6755	*SSTR5*	2.064	4.182
37469_at	9735	*KNTC1*	2.064	4.181
41831_at	4041	*LRP5*	2.063	4.177
39965_at	5881	*RAC3*	2.062	4.175
38234_at	7090	*TLE3*	2.062	4.175
40414_at	7407	*VARS*	2.060	4.169
32477_at	10753	*CAPN9*	2.059	4.166
34344_at	8518	*IKBKAP*	2.058	4.165
32736_at	5880	*RAC2*	2.058	4.164
32752_at	4701	*NDUFA7*	2.058	4.163
40280_at	10233	*LRRC23*	2.057	4.162
38613_at	10467	*ZNHIT1*	2.057	4.161
38637_at	4015	*LOX*	2.056	4.159
32826_at	953	*ENTPD1*	2.056	4.159
895_at	4282	*MIF*	2.055	4.155
496_s_at	3590	*IL11RA*	2.053	4.150
33961_at	---	---	2.053	4.150
41197_at	5886	*RAD23A*	2.050	4.142
39180_at	2521	*FUS*	2.048	4.136
34315_at	10939	*AFG3L2*	2.047	4.132
38353_at	10426	*TUBGCP3*	2.046	4.130
35744_at	9812	*KIAA0141*	2.045	4.128
39406_at	649	*BMP1*	2.045	4.127
352_at	5306	*PITPNA*	2.044	4.124
40487_at	54765	*TRIM44*	2.043	4.121
39812_at	6182	*MRPL12*	2.043	4.120
35685_at	6015	*RING1*	2.042	4.117
35435_s_at	3033	*HADH*	2.040	4.113
37728_r_at	5955	*RCN2*	2.038	4.108
38400_at	26065	*LSM14A*	2.038	4.106
31947_r_at	2290	*FOXG1*	2.037	4.105
35996_at	---	---	2.037	4.104
31426_at	2838	*GPR15*	2.036	4.102
35508_at	11021	*RAB35*	2.036	4.100
36076_g_at	11020	*RABL4*	2.036	4.100
40515_at	8892	*EIF2B2*	2.033	4.093
32746_at	8837	*CFLAR*	2.032	4.091
34445_at	9910	*RABGAP1L*	2.031	4.088
36658_at	1718	*DHCR24*	2.031	4.087
37958_at	83604	*TMEM47*	2.031	4.086
38324_at	51599	*LSR*	2.030	4.084
36500_at	50814	*NSDHL*	2.030	4.084
41027_at	2296	*FOXC1*	2.029	4.082
32572_at	8239	*USP9X*	2.028	4.077
1915_s_at	2353	*FOS*	2.027	4.076
35479_at	10863	*ADAM28*	2.026	4.074
41423_at	9746	*CLSTN3*	2.025	4.070

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
36209_at	6046	*BRD2*	2.025	4.069
41117_s_at	9351	*SLC9A3R2*	2.024	4.068
39797_at	23304	*UBR2*	2.024	4.066
32845_at	3339	*HSPG2*	2.022	4.061
36317_at	7464	*CORO2A*	2.019	4.052
34355_at	4204	*MECP2*	2.018	4.051
39029_at	8896	*BUD31*	2.016	4.045
31317_r_at	83695	*C12orf32*	2.016	4.044
41179_at	22838	*RNF44*	2.016	4.044
36166_at	22826	*DNAJC8*	2.015	4.043
32351_at	2843	*GPR20*	2.015	4.041
34390_at	8974	*P4HA2*	2.015	4.041
37908_at	2791	*GNG11*	2.014	4.039
34209_at	80271	*ITPKC*	2.013	4.036
33678_i_at	10383	*TUBB2C*	2.012	4.033
38624_at	6560	*SLC12A4*	2.011	4.032
37581_at	5537	*PPP6C*	2.011	4.031
34670_at	4125	*MAN2B1*	2.009	4.024
34255_at	8694	*DGAT1*	2.008	4.022
31323_r_at	---	---	2.008	4.022
39580_at	9858	*KIAA0649*	2.006	4.016
1343_s_at	6317	*SERPINB3*	2.005	4.015
1764_s_at	4150	*MAZ*	2.004	4.012
34816_at	57634	*EP400*	2.004	4.010
34654_at	8776	*MTMR1*	2.004	4.010
1447_at	5689	*PSMB1*	2.004	4.010
32545_r_at	6251	*RSU1*	2.003	4.009
38815_at	10552	*ARPC1A*	2.003	4.008
37387_r_at	10945	*KDELR1*	2.002	4.006
38729_at	2288	*FKBP4*	2.001	4.003
32616_at	4067	*LYN*	2.001	4.002
37029_at	539	*ATP5O*	1.999	3.997
40827_at	3376	*IARS*	1.998	3.994
35121_at	6533	*SLC6A6*	1.997	3.991
38451_at	10975	*UQCR*	1.996	3.988
39345_at	10577	*NPC2*	1.994	3.983
34363_at	6414	*SEPP1*	1.993	3.982
36538_at	23368	*PPP1R13B*	1.993	3.981
38675_at	6631	*SNRPC*	1.993	3.980
33905_at	8932	*MBD2*	1.992	3.979
37230_at	9903	*KLHL21*	1.992	3.978
41508_at	1961	*EGR4*	1.990	3.973
38030_at	23350	*SR140*	1.989	3.970
844_at	5502	*PPP1R1A*	1.988	3.967
41199_s_at	6421	*SFPQ*	1.987	3.964
32518_at	8882	*ZNF259*	1.986	3.960
2042_s_at	4602	*MYB*	1.985	3.960
41838_at	55559	*HAUS7*	1.983	3.954

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38899_s_at	55669	*MFN1*	1.983	3.953
40949_at	1783	*DYNC1LI2*	1.981	3.948
39389_at	928	*CD9*	1.981	3.948
35151_at	10263	*CDK2AP2*	1.980	3.944
35305_at	7511	*XPNPEP1*	1.980	3.944
40466_at	4802	*NFYC*	1.979	3.943
34235_at	221395	*GPR116*	1.979	3.942
32557_at	11338	*U2AF2*	1.979	3.941
34181_at	175	*AGA*	1.978	3.940
34379_at	26284	*ERAL1*	1.978	3.940
41756_at	11321	*GPN1*	1.976	3.935
40093_at	4059	*BCAM*	1.976	3.933
37461_at	285	*ANGPT2*	1.976	3.933
32649_at	6932	*TCF7*	1.975	3.930
335_r_at	8175	*SF3A2*	1.975	3.930
38594_i_at	283638	*KIAA0284*	1.975	3.930
41250_at	7965	*AIMP2*	1.974	3.929
34180_at	9639	*ARHGEF10*	1.974	3.929
1917_at	5894	*RAF1*	1.974	3.929
41268_g_at	22980	*TCF25*	1.973	3.925
36573_at	8554	*PIAS1*	1.972	3.923
2009_at	2185	*PTK2B*	1.972	3.923
41292_at	3187	*HNRNPH1*	1.971	3.921
41111_at	587	*BCAT2*	1.970	3.919
34366_g_at	10450	*PPIE*	1.970	3.918
35239_at	2010	*EMD*	1.970	3.917
32825_at	3276	*PRMT1*	1.969	3.915
39670_at	10039	*PARP3*	1.967	3.911
34912_at	23604	*DAPK2*	1.966	3.908
39043_at	10095	*ARPC1B*	1.966	3.908
37900_at	8799	*PEX11B*	1.965	3.903
37701_at	5997	*RGS2*	1.964	3.902
40415_at	30	*ACAA1*	1.964	3.900
35727_at	54963	*UCKL1*	1.963	3.898
38462_at	4698	*NDUFA5*	1.963	3.897
34667_at	4799	*NFX1*	1.962	3.896
333_s_at	5937	*RBMS1*	1.961	3.893
40137_at	5770	*PTPN1*	1.960	3.892
32048_at	6135	*RPL11*	1.959	3.888
37256_at	58497	*PRUNE*	1.957	3.881
33087_s_at	3756	*KCNH1*	1.956	3.880
41749_at	8209	*C21orf33*	1.955	3.877
924_s_at	5516	*PPP2CB*	1.955	3.876
234_s_at	5764	*PTN*	1.954	3.876
41581_at	10102	*TSFM*	1.954	3.876
33154_at	5692	*PSMB4*	1.954	3.873
1395_at	389	*RHOC*	1.953	3.873
37943_at	23503	*ZFYVE26*	1.953	3.871

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
33782_r_at	9040	*UBE2M*	1.951	3.867
1789_at	10987	*COPS5*	1.950	3.865
36744_at	6674	*SPAG1*	1.949	3.860
37321_at	7265	*TTC1*	1.947	3.856
1177_at	---	---	1.946	3.854
39116_at	54499	*TMCO1*	1.946	3.853
39601_at	11186	*RASSF1*	1.946	3.852
35736_at	145781	*GCOM1*	1.942	3.842
35986_at	84148	*MYST1*	1.942	3.842
37898_r_at	7033	*TFF3*	1.942	3.841
36637_at	311	*ANXA11*	1.942	3.841
32202_at	10616	*RBCK1*	1.941	3.841
32007_at	---	---	1.941	3.839
36114_r_at	7138	*TNNT1*	1.940	3.837
37405_at	8991	*SELENBP1*	1.940	3.836
33646_g_at	2760	*GM2A*	1.938	3.833
39905_i_at	26286	*ARFGAP3*	1.938	3.832
1556_at	10181	*RBM5*	1.938	3.831
766_at	3965	*LGALS9*	1.937	3.828
41644_at	23328	*SASH1*	1.935	3.824
40916_at	56271	*BEX4*	1.933	3.819
40294_at	23457	*ABCB9*	1.933	3.817
38433_at	558	*AXL*	1.931	3.814
37278_at	6901	*TAZ*	1.931	3.812
32870_g_at	4361	*MRE11A*	1.929	3.809
41526_at	10362	*HMG20B*	1.929	3.809
39845_at	27429	*HTRA2*	1.929	3.807
36218_g_at	11329	*STK38*	1.926	3.800
31546_at	6141	*RPL18*	1.925	3.797
39520_at	23141	*ANKLE2*	1.924	3.795
33080_s_at	5909	*RAP1GAP*	1.924	3.794
33230_at	27339	*PRPF19*	1.923	3.793
276_at	3301	*DNAJA1*	1.921	3.786
32521_at	6422	*SFRP1*	1.920	3.785
35969_at	10198	*MPHOSPH9*	1.920	3.785
35016_at	972	*CD74*	1.920	3.785
34769_at	2166	*FAAH*	1.920	3.784
2082_s_at	999	*CDH1*	1.919	3.782
39472_s_at	51317	*PHF21A*	1.919	3.781
37213_at	1774	*DNASE1L1*	1.917	3.778
37404_at	6002	*RGS12*	1.916	3.773
34294_at	3801	*KIFC3*	1.914	3.769
36195_at	3419	*IDH3A*	1.914	3.769
41520_at	284352	*LRRC68*	1.913	3.766
529_at	1847	*DUSP5*	1.913	3.765
31690_at	2747	*GLUD2*	1.912	3.764
40265_s_at	399904	*LOC399904*	1.911	3.761
40278_at	23062	*GGA2*	1.910	3.757

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39040_at	51465	*UBE2J1*	1.910	3.757
40379_at	1571	*CYP2E1*	1.908	3.753
40299_at	23432	*GPR161*	1.908	3.753
39973_at	27239	*GPR162*	1.908	3.752
36989_at	1605	*DAG1*	1.907	3.751
33919_at	7106	*TSPAN4*	1.906	3.749
31469_s_at	9711	*KIAA0226*	1.905	3.745
38805_at	7050	*TGIF1*	1.905	3.745
32533_s_at	10791	*VAMP5*	1.905	3.745
32747_at	217	*ALDH2*	1.904	3.742
34880_at	79171	*RBM42*	1.904	3.742
36492_at	5715	*PSMD9*	1.904	3.741
41154_r_at	1495	*CTNNA1*	1.901	3.735
269_at	8638	*OASL*	1.901	3.734
1551_g_at	10573	*MRPL28*	1.899	3.729
36142_at	6310	*ATXN1*	1.898	3.727
34971_at	26150	*RIBC2*	1.897	3.724
33744_at	50628	*GEMIN4*	1.896	3.723
39951_at	5357	*PLS1*	1.896	3.722
36555_at	6623	*SNCG*	1.895	3.720
33706_at	9092	*SART1*	1.895	3.720
31799_at	---	---	1.894	3.718
1184_at	5721	*PSME2*	1.894	3.717
39378_at	8678	*BECN1*	1.894	3.717
40514_at	51614	*ERGIC3*	1.893	3.715
37761_at	10458	*BAIAP2*	1.893	3.714
41795_at	4690	*NCK1*	1.893	3.713
35847_at	23358	*USP24*	1.890	3.707
35645_at	6642	*SNX1*	1.890	3.706
40602_at	200734	*SPRED2*	1.890	3.705
38785_at	4582	*MUC1*	1.889	3.703
674_g_at	4522	*MTHFD1*	1.888	3.702
39963_at	387032	*ZKSCAN4*	1.887	3.699
41097_at	7014	*TERF2*	1.886	3.696
40823_s_at	4775	*NFATC3*	1.886	3.695
39821_s_at	4616	*GADD45B*	1.885	3.693
435_g_at	3005	*H1F0*	1.885	3.693
34931_at	22849	*CPEB3*	1.884	3.692
39175_at	5214	*PFKP*	1.883	3.688
31906_at	3281	*HSBP1*	1.883	3.688
38845_at	5164	*PDK2*	1.883	3.688
694_at	727897	*MUC5B*	1.883	3.688
392_g_at	5536	*PPP5C*	1.878	3.676
33734_at	27042	*C1orf107*	1.878	3.675
37128_at	30837	*SOCS7*	1.878	3.674
818_s_at	546	*ATRX*	1.877	3.674
41590_at	51112	*TTC15*	1.876	3.671
34902_at	---	---	1.875	3.668

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
31700_at	2859	*GPR35*	1.874	3.667
34801_at	9924	*PAN2*	1.874	3.666
37216_at	22904	*SBNO2*	1.874	3.665
34904_at	2901	*GRIK5*	1.873	3.664
41839_at	2619	*GAS1*	1.873	3.662
197_at	4832	*NME3*	1.871	3.658
790_at	4803	*NGF*	1.871	3.658
36473_at	10868	*USP20*	1.870	3.656
41018_at	25864	*ABHD14A*	1.869	3.654
33315_at	6936	*C2orf3*	1.869	3.652
36586_at	9049	*AIP*	1.869	3.652
32923_r_at	6853	*SYN1*	1.867	3.649
1532_g_at	10443	*N4BP2L2*	1.866	3.646
33889_s_at	9993	*DGCR2*	1.866	3.644
39712_at	6284	*S100A13*	1.865	3.644
31801_at	7110	*TMF1*	1.863	3.638
39394_at	257407	*C2orf72*	1.863	3.637
34804_at	55186	*SLC25A36*	1.862	3.635
40836_s_at	256364	*EML3*	1.860	3.631
40026_g_at	27109	*ATP5S*	1.860	3.631
AFFX-HSAC07/X00351_3_at	60	*ACTB*	1.860	3.631
1392_at	2870	*GRK6*	1.860	3.630
38029_at	6520	*SLC3A2*	1.860	3.630
41083_at	126299	*ZNF428*	1.859	3.629
34327_at	6596	*HLTF*	1.859	3.629
32830_g_at	10440	*TIMM17A*	1.859	3.628
38449_at	80344	*DCAF11*	1.858	3.626
40056_at	10237	*SLC35B1*	1.858	3.625
39149_at	5546	*PRCC*	1.858	3.625
41122_at	23028	*KDM1*	1.856	3.620
37372_at	6609	*SMPD1*	1.855	3.618
37604_at	3176	*HNMT*	1.855	3.617
1830_s_at	7040	*TGFB1*	1.853	3.614
39374_at	51512	*GTSE1*	1.851	3.608
32137_at	3714	*JAG2*	1.851	3.607
39437_at	84364	*ARFGAP2*	1.850	3.604
36507_at	8427	*ZNF282*	1.849	3.603
32585_at	2037	*EPB41L2*	1.849	3.602
41228_r_at	515	*ATP5F1*	1.849	3.602
652_g_at	6119	*RPA3*	1.847	3.599
34810_at	57017	*COQ9*	1.847	3.598
41403_at	6636	*SNRPF*	1.847	3.596
41063_g_at	84759	*PCGF1*	1.846	3.596
1761_at	5157	*PDGFRL*	1.846	3.595
41062_at	84759	*PCGF1*	1.846	3.594
37014_at	4599	*MX1*	1.845	3.594
37557_at	6522	*SLC4A2*	1.845	3.592
1728_at	648	*BMI1*	1.843	3.589

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
32146_s_at	118	*ADD1*	1.843	3.589
38730_at	23164	*MPRIP*	1.843	3.588
32580_at	6002	*RGS12*	1.842	3.584
2031_s_at	1026	*CDKN1A*	1.841	3.583
34928_at	7755	*ZNF205*	1.841	3.583
AFFX-BioDn-3_st	---	---	1.841	3.582
37426_at	27324	*TOX3*	1.840	3.581
39735_at	4817	*NIT1*	1.840	3.581
34457_at	7781	*SLC30A3*	1.840	3.580
1027_at	1302	*COL11A2*	1.840	3.580
543_g_at	1381	*CRABP1*	1.839	3.578
39073_at	4830	*NME1*	1.839	3.577
894_g_at	27338	*UBE2S*	1.839	3.576
38720_at	10574	*CCT7*	1.838	3.574
39764_at	90	*ACVR1*	1.837	3.574
33134_at	109	*ADCY3*	1.837	3.573
34677_f_at	162632	*LOC162632*	1.837	3.572
37500_at	7728	*ZNF175*	1.837	3.572
37203_at	1066	*CES1*	1.834	3.566
35551_g_at	9468	*PCYT1B*	1.834	3.565
38424_at	23344	*ESYT1*	1.834	3.565
37413_at	1800	*DPEP1*	1.832	3.561
39169_at	23480	*SEC61G*	1.832	3.560
37956_at	222	*ALDH3B2*	1.832	3.560
35963_at	10471	*PFDN6*	1.831	3.559
32597_at	5934	*RBL2*	1.831	3.559
41170_at	9877	*ZC3H11A*	1.831	3.558
32080_at	10227	*MFSD10*	1.829	3.553
41498_at	22883	*CLSTN1*	1.829	3.553
37421_f_at	3134	*HLA-F*	1.829	3.553
38160_at	4065	*LY75*	1.827	3.549
39081_at	4502	*MT2A*	1.826	3.546
1426_at	6503	*SLA*	1.826	3.545
37163_at	25841	*ABTB2*	1.826	3.544
37842_at	29969	*MDFIC*	1.823	3.537
34046_at	23616	*SH3BP1*	1.822	3.537
38652_at	54838	*C10orf26*	1.822	3.536
41713_at	7586	*ZKSCAN1*	1.821	3.534
2090_i_at	7475	*WNT6*	1.820	3.530
34789_at	5269	*SERPINB6*	1.819	3.527
32183_at	9295	*SFRS11*	1.818	3.526
39044_s_at	8527	*DGKD*	1.818	3.525
37563_at	9901	*SRGAP3*	1.816	3.522
32710_at	---	---	1.816	3.522
32809_at	7572	*ZNF24*	1.816	3.522
41705_at	5986	*RFNG*	1.816	3.521
38681_at	3646	*EIF3E*	1.816	3.521
33228_g_at	3588	*IL10RB*	1.813	3.514

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
41151_at	51763	*INPP5K*	1.812	3.512
39370_at	81631	*MAP1LC3B*	1.812	3.511
1655_s_at	2346	*FOLH1*	1.812	3.511
36175_s_at	3097	*HIVEP2*	1.812	3.510
37562_at	5097	*PCDH1*	1.810	3.507
37922_at	6948	*TCN2*	1.810	3.506
38824_at	10553	*HTATIP2*	1.810	3.505
38024_at	22902	*RUFY3*	1.809	3.504
41414_at	25807	*RHBDD3*	1.808	3.503
40027_at	27109	*ATP5S*	1.808	3.502
39167_r_at	871	*SERPINH1*	1.807	3.499
40152_r_at	5830	*PEX5*	1.807	3.499
32967_at	9214	*FAIM3*	1.806	3.497
452_at	6599	*SMARCC1*	1.806	3.496
36511_at	22908	*SACM1L*	1.805	3.495
34340_at	80777	*CYB5B*	1.805	3.495
1687_s_at	578	*BAK1*	1.805	3.495
34812_at	64689	*GORASP1*	1.805	3.494
36140_at	4904	*YBX1*	1.805	3.493
36900_at	6786	*STIM1*	1.805	3.493
1492_f_at	1549	*CYP2A7*	1.804	3.491
38844_at	5164	*PDK2*	1.802	3.488
39675_at	5639	*PRRG2*	1.802	3.486
1449_at	5685	*PSMA4*	1.800	3.482
370_at	11329	*STK38*	1.800	3.481
33030_at	3007	*HIST1H1D*	1.800	3.481
38020_at	9776	*KIAA0652*	1.799	3.481
430_at	4860	*NP*	1.799	3.480
1630_s_at	6850	*SYK*	1.798	3.478
38161_at	10195	*ALG3*	1.797	3.476
41312_r_at	100287051	*LOC100287051*	1.797	3.474
1530_g_at	10129	*FRY*	1.797	3.474
1753_s_at	5886	*RAD23A*	1.796	3.473
35801_at	3704	*ITPA*	1.794	3.468
40322_at	9173	*IL1RL1*	1.794	3.467
35342_at	201562	*PTPLB*	1.792	3.464
36431_at	80349	*WDR61*	1.792	3.463
32595_at	2926	*GRSF1*	1.791	3.460
1554_f_at	1553	*CYP2A13*	1.791	3.459
32405_at	26027	*ACOT11*	1.789	3.455
40229_at	10040	*TOM1L1*	1.788	3.454
34311_at	2745	*GLRX*	1.788	3.453
33907_at	8672	*EIF4G3*	1.788	3.452
40207_g_at	5681	*PSKH1*	1.787	3.451
259_s_at	7124	*TNF*	1.786	3.449
41352_at	6480	*ST6GAL1*	1.785	3.447
39888_at	9334	*B4GALT5*	1.783	3.442
32588_s_at	678	*ZFP36L2*	1.782	3.439

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40888_f_at	---	---	1.781	3.437
41540_at	5510	*PPP1R7*	1.780	3.433
36965_at	288	*ANK3*	1.779	3.431
40117_at	4175	*MCM6*	1.777	3.428
35850_at	23210	*JMJD6*	1.777	3.427
37097_at	6568	*SLC17A1*	1.777	3.427
40098_at	10938	*EHD1*	1.774	3.420
35244_at	23248	*RPRD2*	1.772	3.416
37715_at	22938	*SNW1*	1.772	3.416
41379_at	23137	*SMC5*	1.771	3.414
32272_at	10376	*TUBA1B*	1.771	3.414
35163_at	22887	*FOXJ3*	1.771	3.414
35819_at	1537	*CYC1*	1.770	3.412
31892_at	5797	*PTPRM*	1.770	3.411
37697_s_at	7417	*VDAC2*	1.770	3.410
1242_at	2077	*ERF*	1.770	3.410
33314_at	2639	*GCDH*	1.770	3.410
39057_at	3831	*KLC1*	1.769	3.409
39877_at	3749	*KCNC4*	1.769	3.409
40078_at	11098	*PRSS23*	1.769	3.407
32965_f_at	100294093	*LOC100294093*	1.769	3.407
34183_at	26112	*CCDC69*	1.768	3.407
1022_f_at	3448	*IFNA14*	1.766	3.401
399_at	10494	*STK25*	1.765	3.400
800_g_at	8851	*CDK5R1*	1.765	3.399
34758_at	8893	*EIF2B5*	1.765	3.398
36588_at	51608	*C7orf20*	1.764	3.397
35348_at	5564	*PRKAB1*	1.764	3.397
38889_at	9372	*ZFYVE9*	1.761	3.389
31497_at	2543	*GAGE1*	1.758	3.382
360_at	80271	*ITPKC*	1.756	3.379
36627_at	8404	*SPARCL1*	1.756	3.377
31773_at	1534	*CYB561*	1.755	3.375
1162_g_at	2794	*GNL1*	1.753	3.370
38813_at	7249	*TSC2*	1.752	3.369
38226_at	55174	*INTS10*	1.752	3.367
37007_at	10955	*SERINC3*	1.750	3.364
36180_s_at	9261	*MAPKAPK2*	1.750	3.363
33754_at	7080	*NKX2-1*	1.746	3.354
37962_r_at	6814	*STXBP3*	1.746	3.354
37534_at	1525	*CXADR*	1.746	3.354
1676_s_at	1937	*EEF1G*	1.745	3.353
37951_at	10395	*DLC1*	1.744	3.350
32986_s_at	4093	*SMAD9*	1.744	3.350
32392_s_at	54658	*UGT1A1*	1.743	3.346
41783_at	1382	*CRABP2*	1.742	3.346
36833_at	2717	*GLA*	1.741	3.343
40822_at	4775	*NFATC3*	1.741	3.343

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38012_at	2201	*FBN2*	1.740	3.340
40873_at	1857	*DVL3*	1.738	3.335
39163_at	57498	*KIDINS220*	1.738	3.335
40825_at	22924	*MAPRE3*	1.737	3.333
35798_at	2907	*GRINA*	1.737	3.333
32184_at	4005	*LMO2*	1.736	3.332
203_at	2624	*GATA2*	1.735	3.329
39934_at	9609	*RAB36*	1.735	3.329
34970_r_at	26873	*OPLAH*	1.734	3.327
34538_at	145678	*LOC145678*	1.733	3.324
38019_at	1454	*CSNK1E*	1.733	3.324
34318_at	11230	*PRAF2*	1.732	3.323
37360_at	4061	*LY6E*	1.731	3.321
36828_at	23361	*ZNF629*	1.731	3.320
37986_at	2057	*EPOR*	1.730	3.318
38005_at	11046	*SLC35D2*	1.730	3.318
38982_at	54386	*TERF2IP*	1.730	3.317
37959_at	23163	*GGA3*	1.729	3.316
38230_at	2034	*EPAS1*	1.729	3.315
39622_at	8521	*GCM1*	1.729	3.314
35264_at	4722	*NDUFS3*	1.727	3.310
35521_at	9080	*CLDN9*	1.727	3.310
32750_r_at	2316	*FLNA*	1.726	3.308
1192_at	5718	*PSMD12*	1.725	3.307
40173_at	23401	*FRAT2*	1.724	3.303
41033_at	7637	*ZNF84*	1.723	3.302
32691_s_at	5733	*PTGER3*	1.723	3.302
37759_at	7805	*LAPTM5*	1.722	3.299
39645_r_at	407	*ARR3*	1.722	3.299
39369_at	23324	*MAN2B2*	1.722	3.298
39364_s_at	5507	*PPP1R3C*	1.720	3.293
1199_at	1973	*EIF4A1*	1.718	3.290
1991_s_at	7867	*MAPKAPK3*	1.717	3.288
31935_s_at	1663	*DDX11*	1.717	3.288
34792_at	10768	*AHCYL1*	1.716	3.285
33308_at	2990	*GUSB*	1.716	3.285
33272_at	6288	*SAA1*	1.716	3.285
860_at	4436	*MSH2*	1.715	3.283
412_s_at	3216	*HOXB6*	1.713	3.279
2019_s_at	3695	*ITGB7*	1.713	3.278
35836_at	10726	*NUDC*	1.712	3.276
35674_at	11240	*PADI2*	1.711	3.273
31836_at	4528	*MTIF2*	1.710	3.271
38996_at	2077	*ERF*	1.709	3.270
36758_at	145389	*SLC38A6*	1.709	3.269
33151_s_at	57050	*UTP3*	1.709	3.269
38445_at	9138	*ARHGEF1*	1.705	3.260
40777_at	1499	*CTNNB1*	1.703	3.255

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
36436_at	3950	*LECT2*	1.703	3.255
38878_at	60682	*SMAP1*	1.701	3.252
33155_at	3425	*IDUA*	1.701	3.250
36508_at	2239	*GPC4*	1.700	3.250
1911_s_at	1647	*GADD45A*	1.700	3.249
35201_at	3191	*HNRNPL*	1.700	3.249
37792_s_at	5892	*RAD51L3*	1.699	3.248
36831_at	25778	*DSTYK*	1.698	3.245
41454_at	23593	*HEBP2*	1.698	3.244
39261_at	3104	*ZBTB48*	1.698	3.244
36630_at	1831	*TSC22D3*	1.698	3.243
39363_at	27243	*CHMP2A*	1.698	3.243
41869_at	23481	*PES1*	1.697	3.242
39776_at	9706	*ULK2*	1.696	3.240
1257_s_at	5768	*QSOX1*	1.695	3.238
41271_at	23428	*SLC7A8*	1.694	3.236
1122_f_at	1082	*CGB*	1.692	3.232
32221_at	28973	*MRPS18B*	1.691	3.230
41584_at	11165	*NUDT3*	1.691	3.229
36639_at	158	*ADSL*	1.690	3.227
32751_at	3609	*ILF3*	1.689	3.225
31967_at	4868	*NPHS1*	1.688	3.223
35853_at	9463	*PICK1*	1.688	3.221
40485_at	---	---	1.687	3.220
41264_at	83759	*RBM4B*	1.687	3.219
40005_at	8846	*ALKBH1*	1.686	3.217
1433_g_at	4088	*SMAD3*	1.685	3.215
34368_at	3066	*HDAC2*	1.685	3.215
41205_at	7337	*UBE3A*	1.683	3.212
39839_at	8531	*CSDA*	1.683	3.211
34464_at	1610	*DAO*	1.682	3.209
1373_at	6929	*TCF3*	1.682	3.209
1640_at	6767	*ST13*	1.681	3.206
38413_at	1603	*DAD1*	1.680	3.204
40091_at	604	*BCL6*	1.679	3.203
33451_s_at	6146	*RPL22*	1.677	3.198
41144_g_at	801	*CALM1*	1.675	3.194
35815_at	29072	*SETD2*	1.675	3.193
31474_r_at	8658	*TNKS*	1.674	3.192
885_g_at	3675	*ITGA3*	1.674	3.192
1642_at	9112	*MTA1*	1.674	3.191
31633_g_at	8882	*ZNF259*	1.673	3.189
40120_at	3029	*HAGH*	1.673	3.188
41625_at	9969	*MED13*	1.670	3.183
35208_at	23253	*ANKRD12*	1.670	3.182
39661_s_at	3177	*SLC29A2*	1.670	3.182
37162_at	8030	*CCDC6*	1.670	3.181
31850_at	2729	*GCLC*	1.669	3.181

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40746_at	2891	*GRIA2*	1.665	3.172
37217_at	3050	*HBZ*	1.665	3.171
1552_i_at	1553	*CYP2A13*	1.663	3.168
37242_at	79068	*FTO*	1.663	3.166
40440_at	26135	*SERBP1*	1.663	3.166
32509_at	23215	*BAT2D1*	1.663	3.166
37730_at	27044	*SND1*	1.661	3.163
34657_at	11215	*AKAP11*	1.661	3.162
32756_at	1891	*ECH1*	1.660	3.160
35790_at	9559	*VPS26A*	1.658	3.156
717_at	28951	*TRIB2*	1.657	3.154
34099_f_at	100292236	*LOC100292236*	1.657	3.153
38190_r_at	9681	*DEPDC5*	1.657	3.153
32313_at	7169	*TPM2*	1.655	3.149
32841_at	7555	*CNBP*	1.655	3.148
33397_at	10423	*CDIPT*	1.654	3.148
31898_at	9695	*EDEM1*	1.654	3.147
40448_at	7538	*ZFP36*	1.654	3.147
37919_at	6578	*SLCO2A1*	1.653	3.146
38795_s_at	7343	*UBTF*	1.651	3.141
39676_at	4618	*MYF6*	1.650	3.138
35138_at	10270	*AKAP8*	1.649	3.137
2005_s_at	3718	*JAK3*	1.648	3.134
37199_at	51626	*DYNC2LI1*	1.648	3.133
41646_at	51347	*TAOK3*	1.647	3.131
32525_r_at	100289344	*LOC100292445*	1.645	3.128
33890_at	8490	*RGS5*	1.645	3.126
41300_s_at	9445	*ITM2B*	1.644	3.126
1135_at	2869	*GRK5*	1.643	3.124
39160_at	5162	*PDHB*	1.643	3.123
37146_at	23130	*ATG2A*	1.642	3.122
31330_at	6223	*RPS19*	1.642	3.121
38440_s_at	54470	*ARMCX6*	1.642	3.121
35630_at	3993	*LLGL2*	1.642	3.120
34901_at	9099	*USP2*	1.641	3.118
32788_at	5903	*RANBP2*	1.641	3.118
37911_at	6810	*STX4*	1.640	3.118
39423_f_at	8405	*SPOP*	1.640	3.117
40408_at	833	*CARS*	1.640	3.116
31321_at	---	---	1.639	3.115
36085_at	2779	*GNAT1*	1.637	3.111
39908_at	10629	*TAF6L*	1.637	3.110
38991_at	440348	*NPIPL2*	1.637	3.110
34840_at	---	---	1.636	3.109
35979_at	9150	*CTDP1*	1.635	3.107
40030_at	5616	*PRKY*	1.635	3.106
38122_at	9962	*SLC23A2*	1.635	3.106
41084_at	126299	*ZNF428*	1.635	3.105

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
32248_at	80335	*WDR82*	1.634	3.103
38686_at	9114	*ATP6V0D1*	1.633	3.102
454_at	6602	*SMARCD1*	1.633	3.102
1476_s_at	4602	*MYB*	1.633	3.101
992_at	2068	*ERCC2*	1.631	3.098
214_at	4487	*MSX1*	1.631	3.096
34470_at	22797	*TFEC*	1.627	3.088
34375_at	6347	*CCL2*	1.626	3.086
404_at	3566	*IL4R*	1.626	3.086
40238_at	124152	*IQCK*	1.625	3.084
37545_at	192683	*SCAMP5*	1.625	3.084
517_at	26226	*FBXW4P1*	1.624	3.082
39894_f_at	23774	*BRD1*	1.623	3.080
596_s_at	1441	*CSF3R*	1.623	3.080
36713_at	25893	*TRIM58*	1.623	3.080
33327_at	745	*C11orf9*	1.623	3.079
38480_s_at	7329	*UBE2I*	1.622	3.079
318_at	8971	*H1FX*	1.622	3.078
40364_at	1317	*SLC31A1*	1.622	3.078
1488_at	5796	*PTPRK*	1.621	3.076
38205_at	4761	*NEUROD2*	1.621	3.075
36792_at	7168	*TPM1*	1.620	3.074
40071_at	1545	*CYP1B1*	1.620	3.074
1250_at	5591	*PRKDC*	1.619	3.072
1515_at	2237	*FEN1*	1.619	3.071
40938_at	9986	*RCE1*	1.618	3.070
34713_at	9371	*KIF3B*	1.618	3.069
41722_at	23530	*NNT*	1.617	3.068
38610_s_at	3858	*KRT10*	1.615	3.063
35184_at	196441	*ZFC3H1*	1.614	3.062
34872_at	91782	*CHMP7*	1.613	3.059
38963_i_at	7454	*WAS*	1.612	3.058
37574_at	4739	*NEDD9*	1.612	3.057
39009_at	27258	*LSM3*	1.608	3.048
1137_at	6575	*SLC20A2*	1.606	3.044
41071_at	6691	*SPINK2*	1.605	3.043
38038_at	4060	*LUM*	1.605	3.041
37719_at	8079	*MLF2*	1.605	3.041
34371_at	9989	*PPP4R1*	1.605	3.041
40528_at	9355	*LHX2*	1.604	3.040
40339_at	2568	*GABRP*	1.602	3.036
40803_at	114908	*TMEM123*	1.602	3.035
38033_at	---	*40431*	1.601	3.034
38997_at	6576	*SLC25A1*	1.599	3.028
36547_r_at	9814	*SFI1*	1.598	3.028
31319_at	---	---	1.598	3.027
35555_r_at	7546	*ZIC2*	1.597	3.026
37693_at	8650	*NUMB*	1.596	3.023

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
33568_at	1143	*CHRNB4*	1.596	3.023
888_s_at	2657	*GDF1*	1.595	3.022
526_s_at	5395	*PMS2*	1.595	3.020
31930_f_at	6006	*RHCE*	1.594	3.018
39455_r_at	3196	*TLX2*	1.592	3.015
40848_g_at	9645	*MICAL2*	1.592	3.015
40286_r_at	283212	*KLHL35*	1.592	3.014
35170_at	4123	*MAN2C1*	1.591	3.013
34365_at	10450	*PPIE*	1.590	3.010
35148_at	27134	*TJP3*	1.588	3.006
37325_at	2224	*FDPS*	1.587	3.004
41301_at	---	---	1.586	3.003
36432_at	64087	*MCCC2*	1.586	3.003
33085_at	5133	*PDCD1*	1.584	2.999
726_f_at	1444	*CSHL1*	1.584	2.998
39749_at	5710	*PSMD4*	1.583	2.996
927_s_at	4582	*MUC1*	1.582	2.994
584_s_at	7520	*XRCC5*	1.581	2.991
37708_r_at	128	*ADH5*	1.579	2.987
40225_at	2580	*GAK*	1.579	2.987
37615_at	2887	*GRB10*	1.579	2.987
35273_at	64210	*MMS19*	1.578	2.987
656_at	3628	*INPP1*	1.575	2.980
101_at	8798	*DYRK4*	1.575	2.979
33884_s_at	10277	*UBE4B*	1.574	2.977
36051_s_at	119	*ADD2*	1.573	2.975
39091_at	10550	*ARL6IP5*	1.573	2.975
35742_at	89927	*C16orf45*	1.571	2.972
40828_at	8874	*ARHGEF7*	1.571	2.970
250_at	4775	*NFATC3*	1.570	2.970
40200_at	3297	*HSF1*	1.569	2.968
1026_s_at	1302	*COL11A2*	1.568	2.966
36502_at	5218	*PFTK1*	1.568	2.964
36251_at	127833	*SYT2*	1.567	2.964
32220_at	3146	*HMGB1*	1.567	2.962
32101_at	2588	*GALNS*	1.566	2.961
34886_at	5962	*RDX*	1.566	2.960
36888_at	23354	*HAUS5*	1.565	2.959
34728_g_at	10768	*AHCYL1*	1.565	2.958
37944_at	2643	*GCH1*	1.564	2.957
37316_r_at	55837	*EAPP*	1.564	2.956
33756_at	8639	*AOC3*	1.563	2.956
41667_s_at	23483	*TGDS*	1.563	2.955
1458_at	5774	*PTPN3*	1.562	2.953
964_at	368	*ABCC6*	1.562	2.952
40832_s_at	26092	*TOR1AIP1*	1.562	2.952
1058_at	10810	*WASF3*	1.562	2.952
37519_at	432	*ASGR1*	1.561	2.951

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
32971_at	9413	*FAM189A2*	1.561	2.951
37293_at	9793	*CKAP5*	1.561	2.950
31431_at	2217	*FCGRT*	1.558	2.945
40766_at	720	*C4A*	1.558	2.945
103_at	7060	*THBS4*	1.557	2.942
37490_at	6508	*SLC4A3*	1.556	2.940
38091_at	3965	*LGALS9*	1.555	2.939
1063_s_at	7301	*TYRO3*	1.555	2.938
40452_at	8904	*CPNE1*	1.555	2.938
41507_at	51275	*C12orf47*	1.555	2.938
476_s_at	3065	*HDAC1*	1.554	2.937
39730_at	25	*ABL1*	1.554	2.936
37239_r_at	9088	*PKMYT1*	1.553	2.933
32410_at	4656	*MYOG*	1.551	2.931
38081_at	4048	*LTA4H*	1.551	2.931
34959_at	2208	*FCER2*	1.551	2.930
34098_f_at	3500	*IGHG1*	1.551	2.930
35714_at	8566	*PDXK*	1.550	2.928
32773_at	3117	*HLA-DQA1*	1.548	2.924
40456_at	64116	*SLC39A8*	1.548	2.924
32447_at	2516	*NR5A1*	1.548	2.924
35770_at	537	*ATP6AP1*	1.548	2.923
32163_f_at	---	---	1.547	2.921
39222_at	5288	*PIK3C2G*	1.546	2.921
38401_s_at	26065	*LSM14A*	1.545	2.918
40449_at	5981	*RFC1*	1.544	2.916
38458_at	1528	*CYB5A*	1.544	2.916
33631_at	10907	*TXNL4A*	1.544	2.916
36668_at	1727	*CYB5R3*	1.543	2.915
37157_at	794	*CALB2*	1.541	2.910
302_at	---	---	1.540	2.908
37355_at	10948	*STARD3*	1.539	2.907
AFFX-HUMGAPDH/M33197_5_st	2597	*GAPDH*	1.539	2.906
320_at	5190	*PEX6*	1.538	2.904
39995_s_at	51741	*WWOX*	1.538	2.903
39436_at	665	*BNIP3L*	1.537	2.903
38710_at	55611	*OTUB1*	1.537	2.902
39103_s_at	115817	*DHRS1*	1.537	2.902
38915_at	474170	*LRRC37A2*	1.536	2.900
37402_at	6035	*RNASE1*	1.536	2.900
38660_at	1339	*COX6A2*	1.535	2.898
36025_at	9828	*ARHGEF17*	1.532	2.891
659_g_at	7058	*THBS2*	1.532	2.891
40143_at	9679	*FAM53B*	1.532	2.891
41160_at	53615	*MBD3*	1.532	2.891
34330_at	9167	*COX7A2L*	1.531	2.890
38985_at	23484	*LEPROTL1*	1.531	2.890

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38724_at	84726	*BAT2L*	1.530	2.887
857_at	5494	*PPM1A*	1.530	2.887
36899_at	6304	*SATB1*	1.528	2.884
34847_s_at	816	*CAMK2B*	1.528	2.884
149_at	10212	*DDX39*	1.528	2.883
31901_at	8514	*KCNAB2*	1.528	2.883
1018_at	7480	*WNT10B*	1.528	2.883
40038_at	7982	*ST7*	1.526	2.880
35450_s_at	2969	*GTF2I*	1.526	2.880
40428_i_at	---	---	1.526	2.880
37381_g_at	2959	*GTF2B*	1.526	2.879
1542_at	1950	*EGF*	1.525	2.879
34722_at	7077	*TIMP2*	1.525	2.878
AFFX-HUMRGE/M10098_3_at	---	---	1.524	2.877
33363_at	27102	*EIF2AK1*	1.523	2.873
33429_at	25941	*C18orf10*	1.521	2.869
39588_at	8742	*TNFSF12*	1.519	2.865
40350_at	8745	*ADAM23*	1.518	2.864
37880_at	189	*AGXT*	1.517	2.862
36267_at	4795	*NFKBIL1*	1.516	2.859
38745_at	3988	*LIPA*	1.516	2.859
1136_at	1841	*DTYMK*	1.514	2.857
777_at	2665	*GDI2*	1.514	2.856
35156_at	203069	*R3HCC1*	1.512	2.851
1140_at	3682	*ITGAE*	1.511	2.851
32271_at	8061	*FOSL1*	1.511	2.850
36890_at	5493	*PPL*	1.510	2.849
35286_r_at	11017	*SNRNP27*	1.510	2.849
38578_at	939	*CD27*	1.510	2.848
33405_at	10486	*CAP2*	1.510	2.847
38363_at	7305	*TYROBP*	1.508	2.844
39733_at	9709	*HERPUD1*	1.507	2.842
36720_at	5165	*PDK3*	1.506	2.840
41388_at	4212	*MEIS2*	1.505	2.837
33912_at	10269	*ZMPSTE24*	1.504	2.837
41231_f_at	3151	*HMGN2*	1.504	2.837
32274_r_at	2547	*XRCC6*	1.502	2.832
40909_at	285282	*RABL3*	1.502	2.832
38564_at	4998	*ORC1L*	1.500	2.828
36933_at	10397	*NDRG1*	1.500	2.828
1517_at	1572	*CYP2F1*	1.500	2.828
32198_at	54939	*COMMD4*	1.499	2.827
220_r_at	4133	*MAP2*	1.497	2.824
586_s_at	1586	*CYP17A1*	1.497	2.823
37509_at	51379	*CRLF3*	1.497	2.822
34776_at	23580	*CDC42EP4*	1.497	2.822
32063_at	5087	*PBX1*	1.496	2.820

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
36014_at	57211	*GPR126*	1.496	2.820
34965_at	8530	*CST7*	1.493	2.814
39783_at	9703	*KIAA0100*	1.493	2.814
713_at	4149	*MAX*	1.492	2.814
41517_g_at	10652	*YKT6*	1.492	2.812
38968_at	9467	*SH3BP5*	1.490	2.809
37540_at	9172	*MYOM2*	1.489	2.808
33641_g_at	199	*AIF1*	1.489	2.808
37934_at	161291	*TMEM30B*	1.488	2.805
32677_at	51481	*VCX3A*	1.488	2.805
41779_at	6004	*RGS16*	1.487	2.803
34772_at	10391	*CORO2B*	1.486	2.802
31872_at	6760	*SS18*	1.486	2.801
1615_at	598	*BCL2L1*	1.485	2.799
33670_at	2099	*ESR1*	1.485	2.799
342_at	5167	*ENPP1*	1.485	2.799
32831_at	10440	*TIMM17A*	1.484	2.797
32319_at	7292	*TNFSF4*	1.483	2.796
33799_at	6478	*SIAH2*	1.483	2.796
1590_s_at	3265	*HRAS*	1.483	2.795
943_at	861	*RUNX1*	1.482	2.793
39490_f_at	---	---	1.482	2.792
39301_at	825	*CAPN3*	1.481	2.792
175_s_at	5585	*PKN1*	1.481	2.792
33638_at	2065	*ERBB3*	1.481	2.791
40988_at	10730	*YME1L1*	1.480	2.790
35826_at	6829	*SUPT5H*	1.480	2.789
33648_at	157697	*ERICH1*	1.480	2.789
35162_s_at	92	*ACVR2A*	1.479	2.788
37924_g_at	55937	*APOM*	1.477	2.784
32994_at	51666	*ASB4*	1.476	2.781
1891_at	1326	*MAP3K8*	1.475	2.780
632_at	2931	*GSK3A*	1.473	2.777
291_s_at	4070	*TACSTD2*	1.473	2.776
AFFX-PheX-3_at	---	---	1.473	2.776
38922_at	8711	*TNK1*	1.472	2.774
33612_at	64135	*IFIH1*	1.470	2.770
35631_at	5437	*POLR2H*	1.468	2.766
32100_r_at	2588	*GALNS*	1.467	2.765
1724_at	1874	*E2F4*	1.467	2.765
41273_at	439921	*MXRA7*	1.467	2.764
36017_at	57213	*C13orf1*	1.467	2.764
36164_at	8050	*PDHX*	1.466	2.763
40651_s_at	1394	*CRHR1*	1.466	2.762
174_s_at	50618	*ITSN2*	1.463	2.757
36444_s_at	6368	*CCL23*	1.463	2.757
40656_at	3305	*HSPA1L*	1.463	2.756
381_s_at	5293	*PIK3CD*	1.463	2.756

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
35550_at	9468	*PCYT1B*	1.462	2.755
34185_at	57060	*PCBP4*	1.462	2.754
40935_at	84975	*MFSD5*	1.462	2.754
32108_at	6697	*SPR*	1.461	2.753
36885_at	6850	*SYK*	1.461	2.752
38718_at	25839	*COG4*	1.457	2.745
38702_at	54107	*POLE3*	1.455	2.741
32430_at	2925	*GRPR*	1.455	2.741
34943_at	123720	*WHAMM*	1.454	2.740
33932_at	2935	*GSPT1*	1.453	2.737
32033_at	1120	*CHKB*	1.452	2.736
32124_at	57187	*THOC2*	1.452	2.735
32651_at	29114	*TAGLN3*	1.451	2.734
37932_at	9321	*TRIP11*	1.450	2.733
1771_s_at	5159	*PDGFRB*	1.450	2.731
40462_at	26133	*TRPC4AP*	1.449	2.730
34292_at	8269	*TMEM187*	1.448	2.729
1689_at	8642	*DCHS1*	1.448	2.728
36119_at	857	*CAV1*	1.448	2.728
932_i_at	7644	*ZNF91*	1.447	2.727
1099_s_at	2953	*GSTT2*	1.447	2.726
36411_s_at	1993	*ELAVL2*	1.447	2.726
39223_at	374977	*C1orf175*	1.447	2.726
35096_at	6511	*SLC1A6*	1.446	2.725
36779_at	2172	*FABP6*	1.446	2.724
39539_at	100292813	*LOC100292813*	1.444	2.720
41856_at	219699	*UNC5B*	1.444	2.720
32098_at	1292	*COL6A2*	1.443	2.718
35774_r_at	4713	*NDUFB7*	1.442	2.718
38679_g_at	6635	*SNRPE*	1.441	2.716
614_at	5320	*PLA2G2A*	1.440	2.713
1450_g_at	5685	*PSMA4*	1.439	2.712
35472_at	3772	*KCNJ15*	1.439	2.711
39480_s_at	49855	*SCAPER*	1.438	2.709
38188_s_at	4122	*MAN2A2*	1.437	2.707
38651_at	9637	*FEZ2*	1.436	2.707
408_at	2919	*CXCL1*	1.436	2.706
37885_at	29798	*C2orf27A*	1.436	2.705
36205_at	4704	*NDUFA9*	1.435	2.704
36217_at	11329	*STK38*	1.435	2.704
32032_at	8220	*DGCR14*	1.434	2.702
39594_f_at	4496	*MT1H*	1.433	2.699
409_at	10971	*YWHAQ*	1.431	2.697
36110_at	5868	*RAB5A*	1.431	2.696
33796_at	10124	*ARL4A*	1.431	2.696
39969_at	8364	*HIST1H4C*	1.431	2.696
39534_at	23617	*TSSK2*	1.431	2.695
36456_at	26009	*ZZZ3*	1.430	2.695

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
1928_s_at	4087	*SMAD2*	1.429	2.692
38063_at	57326	*PBXIP1*	1.428	2.691
41758_at	25829	*TMEM184B*	1.428	2.691
35302_at	10482	*NXF1*	1.428	2.690
490_g_at	4595	*MUTYH*	1.428	2.690
37707_i_at	128	*ADH5*	1.426	2.687
40810_at	6599	*SMARCC1*	1.425	2.686
39034_at	25978	*CHMP2B*	1.425	2.685
35862_at	6565	*SLC15A2*	1.425	2.685
37452_at	7369	*UMOD*	1.423	2.682
33835_at	23270	*TSPYL4*	1.423	2.681
39219_at	1054	*CEBPG*	1.421	2.677
40288_r_at	283212	*KLHL35*	1.421	2.677
38911_at	4928	*NUP98*	1.419	2.675
37886_at	26993	*AKAP8L*	1.418	2.673
34757_at	10038	*PARP2*	1.418	2.673
1845_at	6416	*MAP2K4*	1.418	2.673
1987_at	5156	*PDGFRA*	1.417	2.671
38654_at	3192	*HNRNPU*	1.416	2.668
39592_r_at	10875	*FGL2*	1.415	2.666
31694_at	6248	*RSC1A1*	1.415	2.666
31315_at	3535	*IGL*	1.414	2.665
39796_at	10197	*PSME3*	1.414	2.665
41866_s_at	1838	*DTNB*	1.414	2.664
33331_at	100287119	*LOC100287119*	1.413	2.664
32766_at	2547	*XRCC6*	1.412	2.661
39228_at	9147	*SDCCAG1*	1.412	2.661
35990_at	9923	*ZBTB40*	1.412	2.661
32165_at	6432	*SFRS7*	1.412	2.660
37960_at	9435	*CHST2*	1.411	2.659
35142_at	83989	*FAM172A*	1.409	2.655
37877_at	26151	*NAT9*	1.408	2.653
32066_g_at	1390	*CREM*	1.408	2.653
41535_at	8099	*CDK2AP1*	1.407	2.653
34796_at	23471	*TRAM1*	1.405	2.648
33758_f_at	5680	*PSG11*	1.405	2.648
33143_s_at	9123	*SLC16A3*	1.403	2.644
38368_at	1854	*DUT*	1.403	2.644
36412_s_at	3665	*IRF7*	1.403	2.644
231_at	7052	*TGM2*	1.402	2.642
41600_at	5036	*PA2G4*	1.401	2.641
41428_at	10057	*ABCC5*	1.398	2.636
36664_at	2592	*GALT*	1.397	2.634
31373_at	---	---	1.397	2.634
37858_at	8292	*COLQ*	1.397	2.633
34131_at	23657	*SLC7A11*	1.397	2.633
38100_at	7095	*SEC62*	1.396	2.633
32396_f_at	2068	*ERCC2*	1.396	2.632

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40048_at	9698	*PUM1*	1.396	2.632
39872_at	51512	*GTSE1*	1.396	2.631
39335_at	143244	*EIF5AL1*	1.395	2.630
1513_at	354	*KLK3*	1.395	2.629
1060_g_at	4916	*NTRK3*	1.394	2.629
36453_at	9920	*KBTBD11*	1.394	2.628
32857_at	6655	*SOS2*	1.394	2.628
40049_at	1612	*DAPK1*	1.394	2.628
1055_g_at	5984	*RFC4*	1.394	2.627
40130_at	79065	*ATG9A*	1.394	2.627
33390_at	968	*CD68*	1.394	2.627
40099_at	9181	*ARHGEF2*	1.393	2.627
31792_at	306	*ANXA3*	1.392	2.625
41209_at	4023	*LPL*	1.392	2.624
37918_at	3689	*ITGB2*	1.390	2.621
41113_at	26048	*ZNF500*	1.389	2.619
38177_at	10266	*RAMP2*	1.389	2.618
33237_at	9879	*DDX46*	1.388	2.618
35514_at	---	---	1.387	2.616
1564_at	207	*AKT1*	1.384	2.609
32527_at	10974	*C10orf116*	1.383	2.608
31418_at	---	---	1.383	2.607
1006_at	4319	*MMP10*	1.382	2.606
822_s_at	8738	*CRADD*	1.381	2.605
1878_g_at	2067	*ERCC1*	1.381	2.604
1120_at	2947	*GSTM3*	1.381	2.604
31766_s_at	55619	*DOCK10*	1.380	2.603
35993_s_at	55957	*LIN37*	1.378	2.600
39720_g_at	22932	*POMZP3*	1.378	2.600
36996_at	10956	*OS9*	1.378	2.599
40841_at	6867	*TACC1*	1.378	2.599
37307_at	2771	*GNAI2*	1.377	2.597
33627_at	5293	*PIK3CD*	1.377	2.596
38018_g_at	973	*CD79A*	1.375	2.594
32654_g_at	10902	*BRD8*	1.375	2.594
41218_at	9736	*USP34*	1.375	2.594
39319_at	3937	*LCP2*	1.375	2.593
31854_at	8573	*CASK*	1.374	2.593
37207_at	6906	*SERPINA7*	1.374	2.592
39404_s_at	5976	*UPF1*	1.374	2.592
35005_at	10201	*NME6*	1.374	2.591
38858_at	3757	*KCNH2*	1.373	2.589
122_at	5558	*PRIM2*	1.372	2.589
1314_at	5707	*PSMD1*	1.372	2.587
33252_at	4172	*MCM3*	1.371	2.587
33601_at	91752	*ZNF804A*	1.371	2.586
41724_at	10134	*BCAP31*	1.370	2.584
33683_at	55000	*TUG1*	1.369	2.584

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
820_at	4258	*MGST2*	1.369	2.584
41176_at	79888	*LPCAT1*	1.369	2.583
1064_at	5756	*TWF1*	1.368	2.582
783_at	11059	*WWP1*	1.368	2.582
40413_at	7818	*DAP3*	1.368	2.582
37751_at	9777	*TM9SF4*	1.368	2.581
34162_at	11030	*RBPMS*	1.368	2.581
39649_at	393	*ARHGAP4*	1.368	2.581
33830_at	---	---	1.367	2.579
36004_at	8517	*IKBKG*	1.366	2.578
698_f_at	7673	*ZNF222*	1.366	2.577
853_at	4780	*NFE2L2*	1.365	2.577
35154_at	55643	*BTBD2*	1.363	2.573
1582_at	1048	*CEACAM5*	1.363	2.573
39921_at	1329	*COX5B*	1.362	2.570
40096_at	498	*ATP5A1*	1.361	2.568
35747_at	27020	*NPTN*	1.361	2.568
38186_g_at	5076	*PAX2*	1.360	2.567
1496_at	5786	*PTPRA*	1.359	2.566
36958_at	7791	*ZYX*	1.359	2.565
35992_at	9242	*MSC*	1.359	2.565
40321_at	9173	*IL1RL1*	1.359	2.564
34892_at	8795	*TNFRSF10B*	1.357	2.562
37010_at	2958	*GTF2A2*	1.357	2.561
33885_at	22889	*KIAA0907*	1.356	2.560
37696_at	7417	*VDAC2*	1.355	2.559
39053_at	9129	*PRPF3*	1.355	2.558
41446_f_at	4494	*MT1F*	1.355	2.558
38931_at	7543	*ZFX*	1.354	2.557
40855_at	23034	*SAMD4A*	1.354	2.556
36737_at	1413	*CRYBA4*	1.354	2.556
40434_at	5420	*PODXL*	1.353	2.555
40088_at	8204	*NRIP1*	1.353	2.554
39695_at	1604	*CD55*	1.352	2.552
31429_at	6964	*TRD*	1.351	2.551
36695_at	283298	*OLFML1*	1.350	2.550
38166_r_at	8085	*MLL2*	1.350	2.549
37771_at	9344	*TAOK2*	1.349	2.548
32119_at	---	---	1.348	2.546
1553_r_at	1553	*CYP2A13*	1.348	2.546
40147_at	10493	*VAT1*	1.348	2.546
35643_at	4925	*NUCB2*	1.348	2.545
232_at	3915	*LAMC1*	1.347	2.544
35745_f_at	5094	*PCBP2*	1.347	2.544
36418_at	4007	*PRICKLE3*	1.347	2.544
38172_at	874	*CBR3*	1.346	2.543
34793_s_at	5358	*PLS3*	1.346	2.542
33774_at	841	*CASP8*	1.345	2.540

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40490_at	9188	*DDX21*	1.345	2.540
1750_at	2193	*FARSA*	1.343	2.538
41172_at	51109	*RDH11*	1.343	2.537
39435_at	5201	*PFDN1*	1.343	2.536
AFFX-TrpnX-5_at	---	---	1.343	2.536
31413_at	100101116	*LOC100101116*	1.342	2.535
39288_at	57863	*CADM3*	1.342	2.535
37379_at	10946	*SF3A3*	1.342	2.535
35434_at	4209	*MEF2D*	1.342	2.535
33920_at	1729	*DIAPH1*	1.341	2.533
39174_at	8031	*NCOA4*	1.341	2.533
36985_at	3422	*IDI1*	1.340	2.531
1475_s_at	4602	*MYB*	1.339	2.530
39382_at	23321	*TRIM2*	1.339	2.530
41211_at	10137	*RBM12*	1.339	2.529
37767_at	3064	*HTT*	1.338	2.528
39990_at	3670	*ISL1*	1.338	2.528
40192_at	998	*CDC42*	1.338	2.528
34786_at	55818	*KDM3A*	1.338	2.528
31600_s_at	5379	*PMS2L1*	1.337	2.527
721_g_at	3299	*HSF4*	1.336	2.525
1096_g_at	930	*CD19*	1.336	2.525
41278_at	86	*ACTL6A*	1.336	2.524
34974_at	27299	*ADAMDEC1*	1.336	2.524
32174_at	9368	*SLC9A3R1*	1.336	2.524
40724_at	7752	*ZNF200*	1.336	2.524
33121_g_at	6001	*RGS10*	1.335	2.523
37021_at	1512	*CTSH*	1.335	2.522
31503_at	---	---	1.334	2.522
41310_f_at	2063	*NR2F6*	1.334	2.521
36159_s_at	5621	*PRNP*	1.333	2.520
255_s_at	3623	*INHA*	1.333	2.519
32099_at	9667	*SAFB2*	1.333	2.519
38119_at	2995	*GYPC*	1.332	2.518
39262_at	29901	*SAC3D1*	1.332	2.518
38036_at	22934	*RPIA*	1.332	2.518
1294_at	7318	*UBA7*	1.332	2.517
37974_at	10943	*MSL3*	1.331	2.516
38993_r_at	10618	*TGOLN2*	1.330	2.515
AFFX-HUMISGF3A/M97935_5_at	6772	*STAT1*	1.330	2.514
245_at	6402	*SELL*	1.329	2.513
41460_at	10432	*RBM14*	1.329	2.512
1516_g_at	2237	*FEN1*	1.327	2.509
37471_at	10799	*RPP40*	1.326	2.507
37571_at	23348	*DOCK9*	1.326	2.507
38799_at	8906	*AP1G2*	1.324	2.504
38214_at	5727	*PTCH1*	1.324	2.504

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40539_at	4650	*MYO9B*	1.324	2.503
40897_at	5145	*PDE6A*	1.323	2.502
38709_at	9790	*BMS1*	1.323	2.501
31699_at	5291	*PIK3CB*	1.323	2.501
1464_at	---	---	1.322	2.501
38623_at	92170	*MTG1*	1.322	2.500
41079_at	9311	*ACCN3*	1.322	2.500
38093_at	93487	*MAPK1IP1L*	1.322	2.500
39860_at	8880	*FUBP1*	1.322	2.499
37251_s_at	2824	*GPM6B*	1.321	2.499
34891_at	8655	*DYNLL1*	1.321	2.499
1097_s_at	1236	*CCR7*	1.320	2.497
1130_at	5604	*MAP2K1*	1.320	2.496
32251_at	79921	*TCEAL4*	1.318	2.493
33446_at	18	*ABAT*	1.317	2.491
32758_g_at	8480	*RAE1*	1.317	2.491
38319_at	915	*CD3D*	1.316	2.490
39968_at	4056	*LTC4S*	1.315	2.488
1577_at	367	*AR*	1.315	2.487
39590_at	321	*APBA2*	1.314	2.487
1491_at	5806	*PTX3*	1.314	2.486
34755_at	10038	*PARP2*	1.314	2.486
33223_at	23031	*MAST3*	1.314	2.486
36590_at	6567	*SLC16A2*	1.313	2.484
36485_at	6650	*SOLH*	1.313	2.484
39598_at	2705	*GJB1*	1.309	2.478
33817_at	220988	*HNRNPA3*	1.309	2.478
34724_at	2909	*GRLF1*	1.309	2.478
34539_at	100290714	*LOC100290714*	1.308	2.477
440_at	4782	*NFIC*	1.308	2.476
41754_at	10128	*LRPPRC*	1.308	2.476
38661_at	55544	*RBM38*	1.307	2.475
40699_at	925	*CD8A*	1.306	2.473
1472_g_at	4602	*MYB*	1.306	2.472
36883_at	3860	*KRT13*	1.306	2.472
37101_at	25855	*BRMS1*	1.305	2.471
36952_at	3030	*HADHA*	1.305	2.471
31800_at	---	---	1.305	2.470
36690_at	2908	*NR3C1*	1.304	2.469
31882_at	9136	*RRP9*	1.304	2.469
215_g_at	4487	*MSX1*	1.304	2.468
35485_at	2914	*GRM4*	1.303	2.468
36107_at	522	*ATP5J*	1.303	2.468
1185_at	3563	*IL3RA*	1.303	2.468
34857_at	79572	*ATP13A3*	1.303	2.467
38074_at	1176	*AP3S1*	1.303	2.467
31795_at	157	*ADRBK2*	1.302	2.466
32058_at	9486	*CHST10*	1.302	2.466

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39570_at	157922	*CAMSAP1*	1.302	2.466
32235_at	23295	*MGRN1*	1.302	2.466
37743_at	9638	*FEZ1*	1.302	2.465
31944_at	7289	*TULP3*	1.301	2.465
39976_at	56929	*FEM1C*	1.301	2.464
32255_i_at	646359	*LOC646359*	1.300	2.462
39628_at	9367	*RAB9A*	1.300	2.462
1627_at	---	---	1.299	2.461
37853_at	7349	*UCN*	1.298	2.459
36914_at	1519	*CTSO*	1.298	2.459
662_at	1660	*DHX9*	1.298	2.459
31377_r_at	---	---	1.298	2.458
37070_at	4359	*MPZ*	1.297	2.457
37753_at	6602	*SMARCD1*	1.296	2.456
1233_s_at	558	*AXL*	1.296	2.455
34866_at	151162	*LOC151162*	1.296	2.455
35533_f_at	8302	*KLRC4*	1.294	2.453
34364_at	10450	*PPIE*	1.294	2.452
40145_at	7153	*TOP2A*	1.294	2.452
39702_at	10556	*RPP30*	1.294	2.452
349_g_at	3833	*KIFC1*	1.294	2.452
41780_at	8500	*PPFIA1*	1.293	2.450
34453_at	1556	*CYP2B7P1*	1.293	2.450
37423_at	6558	*SLC12A2*	1.292	2.449
36840_at	55735	*DNAJC11*	1.289	2.444
41132_r_at	3188	*HNRNPH2*	1.289	2.444
31940_s_at	5988	*RFPL1*	1.289	2.444
41717_at	3992	*FADS1*	1.289	2.443
41294_at	3855	*KRT7*	1.289	2.443
34312_at	---	---	1.288	2.442
34873_at	10529	*NEBL*	1.288	2.442
36795_at	5660	*PSAP*	1.288	2.441
33642_s_at	6535	*SLC6A8*	1.286	2.438
41142_at	5019	*OXCT1*	1.286	2.438
38114_at	5885	*RAD21*	1.285	2.437
39170_at	966	*CD59*	1.282	2.432
33695_at	255057	*C19orf26*	1.282	2.432
31829_r_at	10618	*TGOLN2*	1.282	2.431
32130_at	---	---	1.282	2.431
37272_at	3707	*ITPKB*	1.281	2.431
1311_at	5692	*PSMB4*	1.281	2.430
40036_at	4116	*MAGOH*	1.281	2.429
39214_at	5365	*PLXNB3*	1.280	2.428
32212_at	9131	*AIFM1*	1.279	2.427
36841_at	10005	*ACOT8*	1.279	2.426
32138_at	1759	*DNM1*	1.278	2.425
36993_at	5159	*PDGFRB*	1.278	2.424
37395_at	9296	*ATP6V1F*	1.277	2.424

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39299_at	22868	*FASTKD2*	1.277	2.423
31692_at	3303	*HSPA1A*	1.277	2.423
38169_s_at	6542	*SLC7A2*	1.276	2.422
37105_at	1511	*CTSG*	1.275	2.421
298_at	4586	*MUC5AC*	1.275	2.420
1158_s_at	808	*CALM3*	1.275	2.420
32135_at	6720	*SREBF1*	1.275	2.419
1650_g_at	54498	*SMOX*	1.274	2.418
32801_at	9870	*KIAA0317*	1.274	2.418
33276_at	10129	*FRY*	1.273	2.417
39822_s_at	4616	*GADD45B*	1.273	2.417
2051_at	4255	*MGMT*	1.273	2.416
31885_at	5774	*PTPN3*	1.272	2.416
39879_s_at	474170	*LRRC37A2*	1.272	2.416
37411_at	9744	*ACAP1*	1.271	2.413
1453_at	4087	*SMAD2*	1.271	2.413
140_s_at	6434	*TRA2B*	1.270	2.412
AFFX-HUMGAPDH/M33197_3_st	2597	*GAPDH*	1.270	2.411
37736_at	5110	*PCMT1*	1.267	2.407
36516_at	25888	*ZNF473*	1.267	2.407
38706_at	1874	*E2F4*	1.266	2.406
34505_at	57538	*ALPK3*	1.266	2.405
39744_at	1654	*DDX3X*	1.266	2.404
31457_at	2306	*FOXD2*	1.265	2.404
39917_at	10844	*TUBGCP2*	1.265	2.403
41591_at	10238	*DCAF7*	1.264	2.402
34300_at	23598	*PATZ1*	1.264	2.401
649_s_at	7852	*CXCR4*	1.262	2.399
34762_at	9025	*RNF8*	1.262	2.398
37855_at	1486	*CTBS*	1.261	2.397
31949_at	5923	*RASGRF1*	1.261	2.396
34885_at	9144	*SYNGR2*	1.260	2.395
40054_at	23070	*FTSJD2*	1.257	2.389
1539_at	4893	*NRAS*	1.255	2.387
31840_at	3416	*IDE*	1.255	2.386
35448_at	23759	*PPIL2*	1.254	2.386
41413_at	1209	*CLPTM1*	1.254	2.385
38495_s_at	2525	*FUT3*	1.253	2.384
34188_at	490	*ATP2B1*	1.253	2.383
39206_s_at	176	*ACAN*	1.252	2.382
37929_at	23705	*CADM1*	1.252	2.382
36461_at	11018	*TMED1*	1.252	2.382
35960_at	3551	*IKBKB*	1.251	2.380
40066_at	9039	*UBA3*	1.250	2.379
39548_at	4862	*NPAS2*	1.250	2.379
1211_s_at	8738	*CRADD*	1.249	2.377
1146_at	920	*CD4*	1.249	2.377

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38152_at	4013	*VWA5A*	1.249	2.377
37616_at	549	*AUH*	1.248	2.375
36311_at	5136	*PDE1A*	1.248	2.375
AFFX-YEL002c/WBP1_at	---	---	1.247	2.374
375_at	2952	*GSTT1*	1.247	2.373
39731_at	27316	*RBMX*	1.245	2.371
36080_at	9575	*CLOCK*	1.245	2.370
36991_at	6429	*SFRS4*	1.244	2.369
36193_at	23647	*ARFIP2*	1.244	2.369
39629_at	5322	*PLA2G5*	1.244	2.369
32717_at	9148	*NEURL*	1.242	2.366
32998_at	886	*CCKAR*	1.242	2.366
36005_at	11129	*SFRS16*	1.242	2.365
40598_at	80765	*STARD5*	1.241	2.364
1882_g_at	2122	*MECOM*	1.240	2.362
40277_at	100288178	*LOC100288178*	1.240	2.362
32808_at	3688	*ITGB1*	1.239	2.360
40232_at	5442	*POLRMT*	1.238	2.359
39039_s_at	51465	*UBE2J1*	1.238	2.359
37585_at	6627	*SNRPA1*	1.238	2.358
37725_at	5501	*PPP1CC*	1.236	2.356
41755_at	22837	*COBLL1*	1.235	2.354
41037_at	7004	*TEAD4*	1.235	2.354
38481_at	6117	*RPA1*	1.235	2.353
1793_at	8621	*CDC2L5*	1.234	2.353
35414_s_at	182	*JAG1*	1.232	2.349
33140_at	11041	*B3GNT1*	1.232	2.349
38618_at	3985	*LIMK2*	1.231	2.347
37324_at	7037	*TFRC*	1.230	2.346
34648_at	6745	*SSR1*	1.230	2.346
38107_at	9094	*UNC119*	1.230	2.345
35756_at	10755	*GIPC1*	1.229	2.344
37819_at	56890	*MDM1*	1.228	2.343
31831_at	6525	*SMTN*	1.228	2.343
32441_at	1503	*CTPS*	1.228	2.343
33842_at	80256	*KIAA1539*	1.228	2.343
37252_at	6618	*SNAPC2*	1.228	2.342
37679_at	3475	*IFRD1*	1.228	2.342
36986_at	11313	*LYPLA2*	1.227	2.341
38854_at	9662	*CEP135*	1.225	2.338
38110_at	6386	*SDCBP*	1.225	2.338
379_at	10190	*TXNDC9*	1.225	2.337
40639_at	9997	*SCO2*	1.224	2.337
784_g_at	11059	*WWP1*	1.224	2.336
33629_at	11060	*WWP2*	1.223	2.335
38949_at	5588	*PRKCQ*	1.223	2.335
40276_at	5713	*PSMD7*	1.223	2.335
35293_at	6738	*TROVE2*	1.223	2.334

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
32600_at	55715	*DOK4*	1.222	2.333
38563_at	246243	*RNASEH1*	1.222	2.333
32618_at	644	*BLVRA*	1.222	2.332
33082_at	8515	*ITGA10*	1.222	2.332
33710_at	10162	*LPCAT3*	1.221	2.332
37670_at	310	*ANXA7*	1.221	2.331
33699_at	5225	*PGC*	1.221	2.331
40760_at	90957	*DHX57*	1.220	2.330
35840_at	26001	*RNF167*	1.220	2.329
33336_at	6521	*SLC4A1*	1.219	2.327
38635_at	6748	*SSR4*	1.217	2.325
40124_at	8607	*RUVBL1*	1.216	2.324
39038_at	10516	*FBLN5*	1.216	2.323
1511_at	53358	*SHC3*	1.215	2.322
32623_at	2550	*GABBR1*	1.213	2.319
31859_at	4318	*MMP9*	1.212	2.317
41426_at	7988	*ZNF212*	1.212	2.317
31868_at	8576	*STK16*	1.212	2.316
33168_at	283537	*SLC46A3*	1.211	2.315
39231_at	1105	*CHD1*	1.210	2.314
38229_at	1577	*CYP3A5*	1.210	2.314
41338_at	166	*AES*	1.210	2.313
39434_at	387680	*FAM21A*	1.209	2.312
33614_at	6142	*RPL18A*	1.209	2.312
34353_at	23244	*PDS5A*	1.208	2.310
41285_at	3632	*INPP5A*	1.208	2.310
33770_at	1147	*CHUK*	1.207	2.308
33090_at	1943	*EFNA2*	1.206	2.306
40565_at	100129500	*LOC100129500*	1.205	2.306
38872_at	7773	*ZNF230*	1.204	2.303
33395_at	26099	*C1orf144*	1.203	2.303
241_g_at	6723	*SRM*	1.203	2.303
33936_at	2581	*GALC*	1.201	2.299
38950_r_at	8511	*MMP23A*	1.200	2.298
448_s_at	4221	*MEN1*	1.200	2.297
187_at	5871	*MAP4K2*	1.200	2.297
958_s_at	5438	*POLR2I*	1.200	2.297
31948_at	6227	*RPS21*	1.199	2.295
33340_at	9867	*PJA2*	1.198	2.293
40859_at	79882	*ZC3H14*	1.197	2.292
34149_at	---	---	1.196	2.291
944_s_at	8500	*PPFIA1*	1.195	2.289
32112_s_at	202	*AIM1*	1.195	2.289
727_at	64743	*WDR13*	1.194	2.287
36879_at	1890	*TYMP*	1.194	2.287
34395_at	9925	*ZBTB5*	1.193	2.287
32157_at	5499	*PPP1CA*	1.193	2.286
33896_at	2033	*EP300*	1.193	2.286

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38070_at	---	---	1.193	2.286
38207_at	100292444	*LOC100292444*	1.192	2.285
37909_at	3909	*LAMA3*	1.191	2.284
37895_at	10559	*SLC35A1*	1.191	2.283
41562_at	648	*BMI1*	1.191	2.283
35371_at	987	*LRBA*	1.191	2.282
163_at	1855	*DVL1*	1.190	2.281
35071_s_at	2762	*GMDS*	1.189	2.279
34992_g_at	6444	*SGCD*	1.188	2.279
249_at	4776	*NFATC4*	1.187	2.277
39773_at	11161	*C14orf1*	1.187	2.276
39533_at	9057	*SLC7A6*	1.187	2.276
38434_at	14	*AAMP*	1.187	2.276
36177_at	7247	*TSN*	1.186	2.275
36002_at	22878	*KIAA1012*	1.185	2.274
39452_s_at	6711	*SPTBN1*	1.184	2.273
321_at	8976	*WASL*	1.184	2.272
1604_at	2044	*EPHA5*	1.184	2.272
40755_at	4276	*MICA*	1.183	2.271
119_at	1001	*CDH3*	1.182	2.270
40439_at	439	*ASNA1*	1.182	2.269
912_s_at	5319	*PLA2G1B*	1.182	2.269
41131_f_at	3188	*HNRNPH2*	1.181	2.268
35411_at	9605	*C16orf7*	1.181	2.267
207_at	10963	*STIP1*	1.181	2.267
34146_at	4968	*OGG1*	1.181	2.267
38414_at	991	*CDC20*	1.180	2.266
32422_at	8447	*DOC2B*	1.180	2.266
32249_at	3075	*CFH*	1.179	2.265
32201_at	8636	*SSNA1*	1.179	2.265
41447_at	22856	*CHSY1*	1.179	2.264
38187_at	9	*NAT1*	1.179	2.264
40895_g_at	80143	*RP5-1000E10.4*	1.176	2.260
32169_at	23014	*FBXO21*	1.176	2.260
40729_s_at	4050	*LTB*	1.175	2.258
1067_at	2323	*FLT3LG*	1.175	2.258
31411_at	9083	*BPY2*	1.174	2.256
32186_at	8140	*SLC7A5*	1.173	2.255
35786_at	9909	*DENND4B*	1.173	2.255
36597_at	9221	*NOLC1*	1.173	2.255
39587_at	28952	*CCDC22*	1.173	2.254
35177_at	23259	*DDHD2*	1.172	2.254
34169_s_at	4952	*OCRL*	1.171	2.252
32591_at	56948	*SDR39U1*	1.170	2.251
32702_at	10024	*TROAP*	1.170	2.250
31874_at	10634	*GAS2L1*	1.169	2.249
1119_at	6118	*RPA2*	1.169	2.249
37515_at	10747	*MASP2*	1.169	2.249

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
35306_at	1665	*DHX15*	1.169	2.248
34795_at	5352	*PLOD2*	1.169	2.248
37721_at	1725	*DHPS*	1.168	2.247
36754_at	116	*ADCYAP1*	1.168	2.246
37212_at	6668	*SP2*	1.167	2.245
41757_at	9217	*VAPB*	1.166	2.244
600_at	5868	*RAB5A*	1.165	2.242
32819_at	85236	*HIST1H2BK*	1.165	2.242
33970_at	4112	*MAGEB1*	1.165	2.242
35466_at	54788	*DNAJB12*	1.164	2.241
38671_at	23129	*PLXND1*	1.163	2.239
33869_at	6777	*STAT5B*	1.162	2.238
2038_g_at	596	*BCL2*	1.162	2.238
34987_s_at	3178	*HNRNPA1*	1.162	2.237
36360_at	51018	*RRP15*	1.161	2.237
198_g_at	4832	*NME3*	1.161	2.236
34761_r_at	8754	*ADAM9*	1.160	2.235
32609_at	8337	*HIST2H2AA3*	1.160	2.235
37971_at	11177	*BAZ1A*	1.159	2.232
41395_at	8534	*CHST1*	1.157	2.230
35299_at	8569	*MKNK1*	1.157	2.229
40454_at	2195	*FAT1*	1.157	2.229
39549_at	4862	*NPAS2*	1.156	2.229
40198_at	7416	*VDAC1*	1.155	2.227
37262_at	10060	*ABCC9*	1.155	2.227
40646_at	1524	*CX3CR1*	1.155	2.227
41343_at	8760	*CDS2*	1.154	2.225
36875_at	25998	*IBTK*	1.154	2.225
36932_at	2976	*GTF3C2*	1.154	2.225
33034_at	9028	*RHBDL1*	1.154	2.225
32860_g_at	6772	*STAT1*	1.153	2.224
37981_at	1627	*DBN1*	1.153	2.223
34288_at	57007	*CXCR7*	1.153	2.223
32578_at	6945	*MLX*	1.153	2.223
954_s_at	5499	*PPP1CA*	1.152	2.222
941_at	5694	*PSMB6*	1.152	2.222
33107_at	4591	*TRIM37*	1.151	2.220
40140_at	7844	*RNF103*	1.150	2.219
33355_at	5087	*PBX1*	1.149	2.218
35913_at	1820	*ARID3A*	1.149	2.218
38233_at	9454	*HOMER3*	1.148	2.215
38689_at	51493	*C22orf28*	1.147	2.215
40266_at	22846	*VASH1*	1.146	2.213
789_at	1958	*EGR1*	1.145	2.212
34333_at	9929	*JOSD1*	1.145	2.211
31934_at	102	*ADAM10*	1.144	2.210
32712_at	23040	*MYT1L*	1.143	2.209
41450_at	56681	*SAR1A*	1.143	2.208

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40688_at	27040	*LAT*	1.142	2.207
39779_at	6894	*TARBP1*	1.142	2.207
919_at	2768	*GNA12*	1.142	2.207
39327_at	7837	*PXDN*	1.141	2.205
33042_r_at	---	---	1.138	2.201
32382_at	7348	*UPK1B*	1.137	2.199
510_g_at	4089	*SMAD4*	1.136	2.198
40432_at	2799	*GNS*	1.135	2.197
37338_at	5635	*PRPSAP1*	1.135	2.197
36978_at	23198	*PSME4*	1.135	2.196
32208_at	9710	*KIAA0355*	1.135	2.196
34936_at	9497	*SLC4A7*	1.134	2.195
40427_at	10063	*COX17*	1.134	2.195
36556_at	9912	*RICH2*	1.134	2.195
37238_s_at	9088	*PKMYT1*	1.134	2.194
361_at	607	*BCL9*	1.134	2.194
36398_at	---	---	1.133	2.193
34264_at	23623	*RUSC1*	1.132	2.191
1887_g_at	7476	*WNT7A*	1.131	2.190
147_at	7251	*TSG101*	1.129	2.188
33668_at	6136	*RPL12*	1.129	2.187
487_g_at	842	*CASP9*	1.129	2.187
39737_at	---	---	1.129	2.186
37244_at	7347	*UCHL3*	1.128	2.185
36448_at	10152	*ABI2*	1.127	2.184
40163_r_at	1311	*COMP*	1.127	2.184
31974_at	23562	*CLDN14*	1.126	2.182
38369_at	4615	*MYD88*	1.125	2.182
33132_at	29894	*CPSF1*	1.125	2.181
31531_g_at	32	*ACACB*	1.125	2.181
254_at	3020	*H3F3A*	1.125	2.181
37742_at	2720	*GLB1*	1.125	2.181
39046_at	94239	*H2AFV*	1.125	2.180
38073_at	8731	*RNMT*	1.124	2.180
32096_at	55621	*TRMT1*	1.124	2.180
39295_s_at	8470	*SORBS2*	1.124	2.179
37009_at	847	*CAT*	1.124	2.179
33422_at	6396	*SEC13*	1.123	2.178
37726_at	11222	*MRPL3*	1.123	2.178
40092_at	11176	*BAZ2A*	1.122	2.177
39094_at	23476	*BRD4*	1.122	2.176
38818_at	10558	*SPTLC1*	1.122	2.176
33062_at	2938	*GSTA1*	1.121	2.175
921_s_at	91	*ACVR1B*	1.121	2.175
40298_at	9914	*ATP2C2*	1.120	2.174
38011_at	8725	*C19orf2*	1.120	2.174
40211_at	3178	*HNRNPA1*	1.120	2.173
38441_s_at	4179	*CD46*	1.119	2.172

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38888_at	9211	*LGI1*	1.119	2.171
38272_at	11072	*DUSP14*	1.119	2.171
41208_at	58517	*RBM25*	1.119	2.171
33969_at	3467	*IFNW1*	1.118	2.171
31395_i_at	4440	*MSI1*	1.118	2.170
36176_at	6903	*TBCC*	1.117	2.169
36231_at	113791	*PIK3IP1*	1.116	2.167
34725_at	2909	*GRLF1*	1.115	2.166
31864_at	10200	*MPHOSPH6*	1.115	2.166
39750_at	---	---	1.114	2.165
32668_at	23635	*SSBP2*	1.113	2.163
41773_at	5119	*CHMP1A*	1.112	2.162
32067_at	1390	*CREM*	1.112	2.162
32867_at	1121	*CHM*	1.112	2.162
AFFX-HSAC07/X00351_M_st	60	*ACTB*	1.111	2.161
966_at	8438	*RAD54L*	1.111	2.159
32869_at	4361	*MRE11A*	1.110	2.159
35733_at	10097	*ACTR2*	1.110	2.159
32828_at	10295	*BCKDK*	1.110	2.158
32681_at	6548	*SLC9A1*	1.109	2.157
41689_at	51090	*PLLP*	1.109	2.156
41497_at	100287600	*LOC100292793*	1.108	2.156
2010_at	6500	*SKP1*	1.108	2.155
38591_at	5383	*PMS2L5*	1.107	2.154
31797_at	9519	*TBPL1*	1.106	2.153
32562_at	2022	*ENG*	1.105	2.151
37964_at	10336	*PCGF3*	1.105	2.151
40631_at	10140	*TOB1*	1.105	2.150
39383_at	112	*ADCY6*	1.104	2.150
494_at	3596	*IL13*	1.104	2.149
34382_at	1641	*DCX*	1.104	2.149
1572_s_at	3643	*INSR*	1.103	2.149
32907_at	3362	*HTR6*	1.103	2.148
37671_at	3910	*LAMA4*	1.102	2.146
33118_at	7869	*SEMA3B*	1.101	2.146
37507_i_at	55660	*PRPF40A*	1.101	2.146
35837_at	11341	*SCRG1*	1.101	2.145
39883_at	27292	*DIMT1L*	1.101	2.145
36742_at	89870	*TRIM15*	1.098	2.140
38132_at	11135	*CDC42EP1*	1.098	2.140
33119_at	54463	*FAM134B*	1.097	2.140
40905_s_at	26121	*PRPF31*	1.097	2.140
34986_at	10205	*MPZL2*	1.097	2.139
36441_at	3778	*KCNMA1*	1.097	2.139
31867_at	56987	*BBX*	1.097	2.139
41551_at	11079	*RER1*	1.096	2.138
40323_at	952	*CD38*	1.096	2.138
33039_at	50852	*TRAT1*	1.096	2.138

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
1439_s_at	9261	*MAPKAPK2*	1.096	2.138
31406_at	9248	*GPR50*	1.095	2.137
33559_at	5753	*PTK6*	1.094	2.135
AFFX-HUMGAPDH/M33197_5_at	2597	*GAPDH*	1.094	2.135
37739_at	6749	*SSRP1*	1.093	2.134
38035_at	9107	*MTMR6*	1.093	2.133
41855_at	8520	*HAT1*	1.093	2.133
38641_at	81628	*TSC22D4*	1.091	2.131
36163_at	1738	*DLD*	1.091	2.130
40979_at	10598	*AHSA1*	1.090	2.129
865_at	6197	*RPS6KA3*	1.089	2.128
1592_at	7153	*TOP2A*	1.089	2.128
31389_at	8878	*SQSTM1*	1.089	2.128
40985_g_at	27229	*TUBGCP4*	1.089	2.127
39510_r_at	27250	*PDCD4*	1.089	2.127
39134_at	10043	*TOM1*	1.088	2.126
34145_at	10333	*TLR6*	1.087	2.124
39923_at	94134	*ARHGAP12*	1.086	2.123
38642_at	214	*ALCAM*	1.085	2.122
32037_r_at	11102	*RPP14*	1.085	2.122
39133_at	2647	*BLOC1S1*	1.085	2.122
35985_at	11217	*AKAP2*	1.085	2.122
31846_at	29984	*RHOD*	1.085	2.121
41732_at	552900	*BOLA2*	1.085	2.121
38970_s_at	10318	*TNIP1*	1.083	2.118
36413_at	27334	*P2RY10*	1.082	2.117
34192_at	157680	*VPS13B*	1.082	2.117
35268_at	---	*40244*	1.081	2.116
34474_at	375346	*TMEM110*	1.081	2.116
32978_g_at	9750	*FAM65B*	1.081	2.116
32000_g_at	19	*ABCA1*	1.080	2.114
40043_at	5646	*PRSS3*	1.080	2.114
1261_i_at	2939	*GSTA2*	1.079	2.113
40160_at	9883	*POM121*	1.079	2.112
35275_at	771	*CA12*	1.079	2.112
31878_at	---	---	1.078	2.111
1061_at	3587	*IL10RA*	1.078	2.111
41821_at	8621	*CDC2L5*	1.078	2.111
816_g_at	1796	*DOK1*	1.077	2.109
39762_at	9202	*ZMYM4*	1.077	2.109
619_s_at	931	*MS4A1*	1.076	2.108
35915_at	3626	*INHBC*	1.076	2.108
34960_g_at	2208	*FCER2*	1.075	2.107
36799_at	2535	*FZD2*	1.075	2.107
41252_s_at	55041	*PLEKHB2*	1.075	2.106
1207_at	1021	*CDK6*	1.074	2.105
37206_at	130	*ADH6*	1.073	2.105

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40529_at	9355	*LHX2*	1.071	2.101
40902_at	11059	*WWP1*	1.071	2.101
39379_at	51029	*PPPDE1*	1.071	2.100
32225_at	476	*ATP1A1*	1.069	2.099
716_at	728438	*LOC728438*	1.069	2.098
32075_at	7541	*ZFP161*	1.069	2.098
33342_at	10073	*SNUPN*	1.069	2.098
36945_at	10961	*ERP29*	1.068	2.097
1839_at	5901	*RAN*	1.068	2.096
38820_at	---	*40436*	1.067	2.096
34671_at	10623	*POLR3C*	1.066	2.094
32540_at	5533	*PPP3CC*	1.066	2.093
40994_at	2869	*GRK5*	1.065	2.092
31562_at	6011	*GRK1*	1.065	2.092
33630_s_at	6712	*SPTBN2*	1.064	2.091
33131_at	6659	*SOX4*	1.064	2.091
1483_at	1002	*CDH4*	1.063	2.090
37015_at	216	*ALDH1A1*	1.063	2.089
32716_at	1606	*DGKA*	1.062	2.088
31663_at	100128124	*HGC6.3*	1.062	2.088
36652_at	7390	*UROS*	1.061	2.087
35350_at	51363	*CHST15*	1.061	2.086
38053_s_at	9577	*BRE*	1.061	2.086
39353_at	3336	*HSPE1*	1.060	2.085
40264_g_at	7542	*ZFPL1*	1.060	2.084
1371_s_at	1555	*CYP2B6*	1.059	2.083
33870_at	51780	*KDM3B*	1.058	2.083
40274_at	1628	*DBP*	1.057	2.081
33418_at	22930	*RAB3GAP1*	1.057	2.081
36019_at	8859	*STK19*	1.057	2.081
37113_at	9392	*TGFBRAP1*	1.057	2.080
160_at	8027	*STAM*	1.055	2.078
359_at	3597	*IL13RA1*	1.054	2.076
38101_at	23174	*ZCCHC14*	1.053	2.075
33714_at	3149	*HMGB3*	1.052	2.074
31597_r_at	1978	*EIF4EBP1*	1.052	2.073
2044_s_at	5925	*RB1*	1.052	2.073
36229_at	23765	*IL17RA*	1.051	2.073
41145_at	10144	*FAM13A*	1.051	2.072
37255_at	8509	*NDST2*	1.051	2.072
40765_at	23042	*PDXDC1*	1.051	2.072
37192_at	2039	*EPB49*	1.050	2.071
38498_at	1415	*CRYBB2*	1.050	2.071
39113_at	9601	*PDIA4*	1.050	2.071
36242_at	6702	*SPRR2C*	1.050	2.070
38232_f_at	3804	*KIR2DL3*	1.048	2.068
36950_at	54732	*TMED9*	1.048	2.068
37185_at	5055	*SERPINB2*	1.048	2.067

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39777_at	23077	*MYCBP2*	1.048	2.067
41635_at	9589	*WTAP*	1.046	2.065
35737_at	10473	*HMGN4*	1.046	2.064
37723_at	901	*CCNG2*	1.046	2.064
41807_at	138151	*NACC2*	1.045	2.064
1916_s_at	2353	*FOS*	1.045	2.063
35741_at	8396	*PIP4K2B*	1.044	2.063
38684_at	27032	*ATP2C1*	1.043	2.061
41077_at	643641	*ZNF862*	1.043	2.061
39330_s_at	87	*ACTN1*	1.043	2.060
40814_at	3423	*IDS*	1.043	2.060
32468_f_at	1084	*CEACAM3*	1.042	2.059
33597_at	7691	*ZNF132*	1.041	2.058
33224_at	50626	*CYHR1*	1.041	2.058
1338_s_at	1553	*CYP2A13*	1.041	2.057
34256_at	8869	*ST3GAL5*	1.040	2.057
40325_at	4913	*NTHL1*	1.040	2.057
1429_at	3630	*INS*	1.040	2.056
33226_at	23030	*KDM4B*	1.040	2.056
34008_at	28954	*REM1*	1.039	2.055
40052_at	10121	*ACTR1A*	1.039	2.055
34533_at	146691	*TOM1L2*	1.039	2.054
40874_at	55573	*CDV3*	1.038	2.053
32714_s_at	94	*ACVRL1*	1.037	2.052
1226_at	6868	*ADAM17*	1.037	2.052
37668_at	708	*C1QBP*	1.037	2.052
1015_s_at	3984	*LIMK1*	1.037	2.051
32025_at	6934	*TCF7L2*	1.036	2.051
41232_at	26123	*TCTN3*	1.036	2.050
39593_at	10875	*FGL2*	1.036	2.050
36238_at	4303	*FOXO4*	1.035	2.049
31460_f_at	3535	*IGL*	1.035	2.048
38315_at	8854	*ALDH1A2*	1.033	2.047
1443_at	1852	*DUSP9*	1.031	2.044
37556_at	25801	*GCA*	1.029	2.040
37970_at	23162	*MAPK8IP3*	1.029	2.040
35007_at	221830	*TWISTNB*	1.028	2.039
38089_at	9898	*UBAP2L*	1.028	2.039
40774_at	7203	*CCT3*	1.028	2.038
40901_at	29966	*STRN3*	1.026	2.037
1711_at	7158	*TP53BP1*	1.026	2.036
1717_s_at	330	*BIRC3*	1.026	2.036
37731_at	2060	*EPS15*	1.026	2.036
34241_at	2626	*GATA4*	1.026	2.036
38928_r_at	7299	*TYR*	1.024	2.033
41597_s_at	9554	*SEC22B*	1.023	2.032
32799_at	10067	*SCAMP3*	1.023	2.032
36589_at	231	*AKR1B1*	1.022	2.031

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
37317_at	5048	*PAFAH1B1*	1.021	2.030
37580_at	6457	*SH3GL3*	1.021	2.030
40728_at	245	*ALOX12P2*	1.021	2.029
38274_at	11070	*TMEM115*	1.020	2.028
39583_at	10446	*LRRN2*	1.020	2.027
40336_at	2232	*FDXR*	1.020	2.027
38483_at	23399	*DULLARD*	1.020	2.027
36197_at	1116	*CHI3L1*	1.019	2.027
208_at	1496	*CTNNA2*	1.019	2.026
32661_s_at	9656	*MDC1*	1.019	2.026
40820_at	9939	*RBM8A*	1.018	2.026
39004_at	64963	*MRPS11*	1.017	2.024
37820_at	58510	*PRODH2*	1.014	2.020
31912_at	8928	*FOXH1*	1.014	2.020
31843_at	2104	*ESRRG*	1.012	2.017
1817_at	5204	*PFDN5*	1.012	2.017
32493_at	7008	*TEF*	1.012	2.016
34475_at	---	---	1.012	2.016
35308_at	81605	*URM1*	1.011	2.015
31446_s_at	26952	*SMR3A*	1.010	2.014
41053_at	57827	*C6orf47*	1.009	2.013
1994_at	1386	*ATF2*	1.009	2.013
612_s_at	1267	*CNP*	1.009	2.012
40423_at	23301	*EHBP1*	1.009	2.012
39202_at	26146	*TRAF3IP1*	1.009	2.012
33136_at	7329	*UBE2I*	1.008	2.011
35784_at	9341	*VAMP3*	1.008	2.011
41370_at	9410	*SNRNP40*	1.006	2.009
37891_at	286451	*YIPF6*	1.006	2.009
32800_at	6256	*RXRA*	1.006	2.008
39802_at	6354	*CCL7*	1.006	2.008
34092_at	---	---	1.005	2.007
40267_s_at	23357	*ANGEL1*	1.005	2.007
33693_at	1830	*DSG3*	1.004	2.006
37698_at	8165	*AKAP1*	1.003	2.005
396_f_at	2057	*EPOR*	1.003	2.004
40006_at	6483	*ST3GAL2*	1.002	2.003
38208_at	23443	*SLC35A3*	1.002	2.002
2026_at	861	*RUNX1*	1.002	2.002
31923_f_at	---	---	1.001	2.001
40826_at	4140	*MARK3*	1.001	2.001
39109_at	22974	*TPX2*	1.000	2.000
41842_at	266655	*NCRNA00094*	1.000	2.000
33417_at	22930	*RAB3GAP1*	1.000	2.000
35855_s_at	2897	*GRIK1*	0.999	1.999
39205_at	81544	*GDPD5*	0.999	1.999
867_s_at	7057	*THBS1*	0.999	1.999
38084_at	11335	*CBX3*	0.999	1.999

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34669_at	7030	*TFE3*	0.999	1.998
32115_r_at	135	*ADORA2A*	0.998	1.998
37569_at	10016	*PDCD6*	0.997	1.996
32803_at	10175	*CNIH*	0.997	1.996
1776_at	6236	*RRAD*	0.996	1.994
39440_f_at	---	---	0.994	1.992
39058_at	29	*ABR*	0.994	1.992
926_at	4495	*MT1G*	0.994	1.991
39445_at	8703	*B4GALT3*	0.994	1.991
36099_at	6426	*SFRS1*	0.993	1.991
36998_s_at	6311	*ATXN2*	0.992	1.989
38287_at	5698	*PSMB9*	0.992	1.989
40119_at	10491	*CRTAP*	0.992	1.989
38235_at	22899	*ARHGEF15*	0.991	1.988
32567_at	1119	*CHKA*	0.990	1.987
1567_at	2321	*FLT1*	0.990	1.987
32834_r_at	8780	*RIOK3*	0.990	1.987
730_r_at	4584	*MUC3A*	0.989	1.985
35844_at	6385	*SDC4*	0.989	1.985
31858_at	10204	*NUTF2*	0.989	1.985
35112_at	8787	*RGS9*	0.989	1.984
40083_at	23064	*SETX*	0.988	1.984
34050_at	116285	*ACSM1*	0.988	1.983
31498_f_at	2543	*GAGE1*	0.988	1.983
40850_at	23770	*FKBP8*	0.988	1.983
34693_at	10610	*ST6GALNAC2*	0.987	1.983
32689_s_at	5733	*PTGER3*	0.987	1.982
39582_at	1540	*CYLD*	0.986	1.981
31734_at	3227	*HOXC11*	0.986	1.980
1403_s_at	6352	*CCL5*	0.986	1.980
34392_s_at	5861	*RAB1A*	0.985	1.979
38009_at	25803	*SPDEF*	0.984	1.978
755_at	3708	*ITPR1*	0.984	1.977
38250_at	23160	*WDR43*	0.984	1.977
38065_at	3148	*HMGB2*	0.983	1.976
41128_at	92703	*TMEM183A*	0.982	1.975
34838_at	84263	*HSDL2*	0.980	1.972
32407_f_at	---	---	0.979	1.972
40933_f_at	84243	*ZDHHC18*	0.979	1.971
40771_at	4478	*MSN*	0.979	1.971
36106_at	345	*APOC3*	0.978	1.970
38683_s_at	404734	*ANKHD1-EIF4EBP3*	0.978	1.969
32700_at	2634	*GBP2*	0.975	1.966
38962_at	9866	*TRIM66*	0.975	1.965
34279_at	149013	*KIAA1245*	0.974	1.964
422_s_at	4149	*MAX*	0.973	1.964
33482_at	4654	*MYOD1*	0.973	1.963

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
41871_at	10630	*PDPN*	0.973	1.963
41029_at	11066	*SNRNP35*	0.973	1.963
41385_at	23136	*EPB41L3*	0.973	1.962
35303_at	3638	*INSIG1*	0.972	1.962
32414_at	---	---	0.971	1.961
36335_at	696	*BTN1A1*	0.971	1.960
35269_at	23640	*HSPBP1*	0.971	1.960
477_at	3663	*IRF5*	0.970	1.958
35347_at	30008	*EFEMP2*	0.970	1.958
33711_at	5443	*POMC*	0.970	1.958
36802_at	945	*CD33*	0.969	1.958
36276_at	6900	*CNTN2*	0.969	1.957
33313_g_at	1409	*CRYAA*	0.968	1.956
39078_at	22928	*SEPHS2*	0.967	1.955
32757_at	8480	*RAE1*	0.967	1.955
32211_at	5719	*PSMD13*	0.967	1.954
1021_at	3458	*IFNG*	0.967	1.954
38725_s_at	8818	*DPM2*	0.967	1.954
32388_at	---	---	0.967	1.954
32092_at	9672	*SDC3*	0.966	1.954
40436_g_at	293	*SLC25A6*	0.965	1.952
104_at	5463	*POU6F1*	0.963	1.949
41424_at	5446	*PON3*	0.963	1.949
930_at	5523	*PPP2R3A*	0.963	1.949
33741_at	51606	*ATP6V1H*	0.962	1.948
456_at	6604	*SMARCD3*	0.962	1.947
41611_at	9325	*TRIP4*	0.962	1.947
41052_s_at	773	*CACNA1A*	0.960	1.946
34295_at	9958	*USP15*	0.960	1.945
32010_at	---	---	0.960	1.945
38956_at	51172	*NAGPA*	0.959	1.944
35738_at	10473	*HMGN4*	0.958	1.943
33133_at	2314	*FLII*	0.958	1.943
37937_at	54475	*NLE1*	0.958	1.943
39508_at	57447	*NDRG2*	0.957	1.941
36527_at	51634	*RBMX2*	0.957	1.941
1714_at	6239	*RREB1*	0.956	1.940
35982_at	8988	*HSPB3*	0.956	1.939
34433_at	1796	*DOK1*	0.955	1.939
32674_at	27332	*ZNF638*	0.955	1.939
37940_f_at	27350	*APOBEC3C*	0.955	1.938
41101_at	9896	*FIG4*	0.954	1.938
461_at	427	*ASAH1*	0.952	1.934
37344_at	3108	*HLA-DMA*	0.951	1.934
33106_at	10062	*NR1H3*	0.951	1.933
38336_at	23150	*FRMD4B*	0.951	1.933
1277_at	27237	*ARHGEF16*	0.951	1.933
41864_at	2054	*STX2*	0.950	1.932

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39579_at	9071	*CLDN10*	0.950	1.931
1799_at	2072	*ERCC4*	0.949	1.930
32084_at	6584	*SLC22A5*	0.948	1.929
38739_at	2114	*ETS2*	0.948	1.929
39026_r_at	55384	*MEG3*	0.947	1.928
33410_at	3655	*ITGA6*	0.947	1.928
34882_at	10528	*NOP56*	0.947	1.928
37035_at	27230	*SERP1*	0.947	1.928
33424_at	6184	*RPN1*	0.946	1.926
2070_i_at	5599	*MAPK8*	0.944	1.924
37222_at	2952	*GSTT1*	0.944	1.924
36970_at	23199	*KIAA0182*	0.944	1.923
40606_at	22936	*ELL2*	0.941	1.920
33803_at	7056	*THBD*	0.941	1.919
1909_at	596	*BCL2*	0.939	1.917
31360_at	---	---	0.938	1.916
40621_at	5074	*PAWR*	0.938	1.915
36479_at	2622	*GAS8*	0.938	1.915
35091_at	9542	*NRG2*	0.936	1.914
40399_r_at	4223	*MEOX2*	0.936	1.913
40663_at	9185	*REPS2*	0.936	1.913
35743_at	10898	*CPSF4*	0.935	1.912
242_at	4134	*MAP4*	0.935	1.912
32687_s_at	5733	*PTGER3*	0.935	1.911
466_at	2969	*GTF2I*	0.933	1.909
35352_at	9915	*ARNT2*	0.933	1.909
32317_s_at	6817	*SULT1A1*	0.932	1.909
33386_at	3005	*H1F0*	0.932	1.908
33463_at	7498	*XDH*	0.931	1.907
40361_at	10693	*CCT6B*	0.931	1.907
36936_at	7264	*TSTA3*	0.931	1.906
35780_at	23363	*OBSL1*	0.930	1.905
33922_at	7799	*PRDM2*	0.929	1.904
38960_at	27124	*INPP5J*	0.929	1.904
37838_at	2161	*F12*	0.928	1.902
339_at	858	*CAV2*	0.927	1.902
1456_s_at	3428	*IFI16*	0.927	1.902
36916_at	6484	*ST3GAL4*	0.927	1.902
41342_at	5902	*RANBP1*	0.927	1.901
40594_r_at	94	*ACVRL1*	0.927	1.901
39766_r_at	5440	*POLR2K*	0.927	1.901
35818_at	54205	*CYCS*	0.927	1.901
38262_at	129642	*MBOAT2*	0.927	1.901
37475_at	284403	*WDR62*	0.926	1.901
31856_at	2615	*LRRC32*	0.925	1.899
31651_at	26238	*C6orf123*	0.925	1.899
32510_at	8574	*AKR7A2*	0.924	1.897
1052_s_at	1052	*CEBPD*	0.924	1.897

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40312_at	1602	*DACH1*	0.923	1.897
38567_at	912	*CD1D*	0.923	1.896
41099_at	3980	*LIG3*	0.923	1.896
906_at	6775	*STAT4*	0.923	1.896
40740_at	5080	*PAX6*	0.922	1.895
35984_at	1876	*E2F6*	0.922	1.895
37905_r_at	2794	*GNL1*	0.922	1.895
37667_at	7389	*UROD*	0.922	1.894
31572_at	---	---	0.922	1.894
1545_g_at	2321	*FLT1*	0.921	1.894
41655_at	11043	*MID2*	0.921	1.893
1134_at	10188	*TNK2*	0.920	1.892
32218_at	---	---	0.920	1.892
31380_at	2081	*ERN1*	0.919	1.890
40844_at	9646	*CTR9*	0.919	1.890
33956_at	23643	*LY96*	0.917	1.888
33806_at	64771	*C6orf106*	0.917	1.888
38499_s_at	4336	*MOBP*	0.917	1.888
33396_at	2950	*GSTP1*	0.917	1.888
40743_at	270	*AMPD1*	0.917	1.888
35330_at	2318	*FLNC*	0.917	1.888
34299_at	23598	*PATZ1*	0.917	1.888
32727_at	5959	*RDH5*	0.917	1.888
36686_at	220	*ALDH1A3*	0.917	1.888
40644_g_at	3674	*ITGA2B*	0.916	1.887
35060_at	7310	*ZRSR1*	0.916	1.886
148_at	22936	*ELL2*	0.914	1.884
32531_at	2697	*GJA1*	0.912	1.882
38421_at	200081	*TXLNA*	0.912	1.882
40186_at	1852	*DUSP9*	0.912	1.882
31521_f_at	8363	*HIST1H4J*	0.911	1.880
35260_at	22877	*MLXIP*	0.910	1.880
37028_at	23645	*PPP1R15A*	0.910	1.879
34770_at	1326	*MAP3K8*	0.910	1.879
36862_at	22870	*SAPS1*	0.909	1.878
36279_at	23247	*KIAA0556*	0.908	1.877
40282_s_at	1675	*CFD*	0.908	1.877
35590_s_at	2696	*GIPR*	0.908	1.876
34427_g_at	3140	*MR1*	0.907	1.875
32234_at	1861	*TOR1A*	0.906	1.874
36761_at	58495	*OVOL2*	0.906	1.874
36020_at	375248	*ANKRD36*	0.906	1.874
33029_at	242	*ALOX12B*	0.906	1.874
32647_at	10490	*VTI1B*	0.905	1.873
685_f_at	113457	*TUBA3D*	0.905	1.872
33892_at	5318	*PKP2*	0.905	1.872
2067_f_at	581	*BAX*	0.905	1.872
31730_at	3010	*HIST1H1T*	0.905	1.872

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39267_at	5238	*PGM3*	0.904	1.871
33312_at	1409	*CRYAA*	0.904	1.871
34159_at	30816	*ERVWE1*	0.903	1.870
36334_at	4063	*LY9*	0.902	1.868
1030_s_at	7150	*TOP1*	0.901	1.867
36040_at	6450	*SH3BGR*	0.900	1.867
37002_at	645	*BLVRB*	0.900	1.867
32646_at	23046	*KIF21B*	0.900	1.866
40607_at	1808	*DPYSL2*	0.900	1.866
38338_at	6237	*RRAS*	0.900	1.866
38842_at	51421	*AMOTL2*	0.900	1.866
35704_at	11145	*PLA2G16*	0.899	1.865
1103_at	283	*ANG*	0.899	1.865
33556_at	11153	*FICD*	0.899	1.865
36680_at	276	*AMY1A*	0.899	1.864
32145_at	118	*ADD1*	0.898	1.864
1274_s_at	997	*CDC34*	0.898	1.863
31796_at	10749	*KIF1C*	0.897	1.862
36688_at	6342	*SCP2*	0.897	1.862
32671_at	9654	*TTLL4*	0.897	1.862
40438_at	4659	*PPP1R12A*	0.896	1.861
36917_at	3908	*LAMA2*	0.896	1.860
35723_at	4521	*NUDT1*	0.894	1.858
34597_at	5540	*PPYR1*	0.894	1.858
39017_at	27257	*LSM1*	0.894	1.858
372_f_at	391322	*LOC391322*	0.893	1.858
36692_at	66036	*MTMR9*	0.893	1.857
36857_at	5810	*RAD1*	0.893	1.857
31587_at	8170	*SLC14A2*	0.893	1.857
32484_at	1238	*CCBP2*	0.892	1.856
37673_at	8439	*NSMAF*	0.892	1.856
31817_at	2562	*GABRB3*	0.891	1.854
40417_at	22948	*CCT5*	0.890	1.854
1028_at	7156	*TOP3A*	0.890	1.853
35876_s_at	8879	*SGPL1*	0.889	1.852
2057_g_at	2260	*FGFR1*	0.889	1.852
39634_at	9353	*SLIT2*	0.888	1.850
36669_at	2354	*FOSB*	0.887	1.849
38640_at	51042	*ZNF593*	0.886	1.848
34473_at	7100	*TLR5*	0.885	1.847
36420_at	50618	*ITSN2*	0.885	1.847
34388_at	7373	*COL14A1*	0.884	1.845
36736_f_at	5723	*PSPH*	0.884	1.845
37122_at	5346	*PLIN1*	0.884	1.845
32260_at	8682	*PEA15*	0.883	1.845
39694_at	79073	*TMEM109*	0.883	1.844
32488_at	1281	*COL3A1*	0.883	1.844
38643_at	92689	*FAM114A1*	0.883	1.844

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
33571_at	5260	*PHKG1*	0.882	1.844
AFFX-M27830_3_at	---	---	0.882	1.843
32770_at	9871	*SEC24D*	0.882	1.842
33374_at	717	*C2*	0.879	1.839
39324_at	80055	*PGAP1*	0.879	1.839
423_at	2130	*EWSR1*	0.878	1.838
2008_s_at	4193	*MDM2*	0.878	1.838
39358_at	9612	*NCOR2*	0.878	1.838
34790_at	39	*ACAT2*	0.878	1.837
41090_s_at	491	*ATP2B2*	0.877	1.837
39045_at	79602	*ADIPOR2*	0.877	1.836
31895_at	571	*BACH1*	0.876	1.836
37051_at	3782	*KCNN3*	0.876	1.835
39806_at	25842	*ASF1A*	0.874	1.833
39993_at	5277	*PIGA*	0.874	1.832
40404_s_at	8881	*CDC16*	0.873	1.831
35207_at	6337	*SCNN1A*	0.872	1.831
31512_at	3514	*IGKC*	0.871	1.829
32542_at	2273	*FHL1*	0.870	1.828
36429_at	11318	*GPR182*	0.870	1.827
34246_at	221749	*C6orf145*	0.869	1.826
377_g_at	10512	*SEMA3C*	0.869	1.826
40101_g_at	9181	*ARHGEF2*	0.867	1.824
925_at	10437	*IFI30*	0.867	1.824
39543_at	---	---	0.866	1.823
36488_at	1955	*MEGF9*	0.866	1.823
36480_at	5256	*PHKA2*	0.866	1.822
272_at	2922	*GRP*	0.865	1.822
38850_at	---	---	0.865	1.822
39585_at	23552	*CCRK*	0.863	1.819
114_r_at	4137	*MAPT*	0.863	1.818
37431_at	9063	*PIAS2*	0.862	1.818
AFFX-MurFAS_at	355	*Fas*	0.862	1.817
34278_at	280661	*EIF1AP1*	0.861	1.817
340_at	4148	*MATN3*	0.861	1.816
38925_at	7180	*CRISP2*	0.861	1.816
35271_at	10096	*ACTR3*	0.861	1.816
36410_f_at	1993	*ELAVL2*	0.861	1.816
35130_at	2936	*GSR*	0.861	1.816
33217_at	---	---	0.860	1.816
36145_at	22827	*PUF60*	0.860	1.815
33622_at	775	*CACNA1C*	0.859	1.814
1008_f_at	5610	*EIF2AK2*	0.859	1.814
41809_at	79161	*C7orf23*	0.859	1.813
1191_s_at	5717	*PSMD11*	0.858	1.812
37684_at	11309	*SLCO2B1*	0.857	1.812
539_at	6259	*RYK*	0.857	1.812
38798_s_at	8906	*AP1G2*	0.857	1.811

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34809_at	23387	*QSK*	0.857	1.811
391_at	5536	*PPP5C*	0.857	1.811
41386_i_at	23135	*KDM6B*	0.857	1.811
551_at	2033	*EP300*	0.856	1.809
41397_at	55565	*ZNF821*	0.855	1.809
41082_at	8153	*RND2*	0.855	1.809
38550_at	9546	*APBA3*	0.855	1.809
1200_at	2736	*GLI2*	0.854	1.808
2077_at	3655	*ITGA6*	0.853	1.807
1481_at	4321	*MMP12*	0.853	1.807
39137_at	4798	*NFRKB*	0.853	1.807
37893_at	5771	*PTPN2*	0.853	1.806
33086_at	5626	*PROP1*	0.853	1.806
41210_at	1360	*CPB1*	0.853	1.806
35791_at	9526	*MPDU1*	0.853	1.806
40714_at	11330	*CTRC*	0.852	1.805
41192_at	56267	*CCBL2*	0.852	1.805
37906_at	4053	*LTBP2*	0.850	1.803
1594_at	5432	*POLR2C*	0.850	1.802
31917_at	56136	*PCDHA13*	0.850	1.802
40779_at	22920	*KIFAP3*	0.850	1.802
39152_f_at	8161	*COIL*	0.850	1.802
35949_at	23281	*KIAA0774*	0.849	1.801
40201_at	1644	*DDC*	0.848	1.801
32794_g_at	28639	*TRBC1*	0.848	1.800
39360_at	8724	*SNX3*	0.848	1.800
38918_at	9580	*SOX13*	0.847	1.799
678_at	251	*ALPPL2*	0.847	1.798
40126_at	5396	*PRRX1*	0.847	1.798
38316_at	10840	*ALDH1L1*	0.847	1.798
35805_at	26003	*GORASP2*	0.846	1.797
36136_at	9537	*TP53I11*	0.846	1.797
32105_f_at	818	*CAMK2G*	0.846	1.797
34077_at	2833	*CXCR3*	0.846	1.797
32914_f_at	58509	*C19orf29*	0.845	1.796
36027_at	5435	*POLR2F*	0.844	1.796
35899_at	9048	*ARTN*	0.843	1.794
37867_at	4340	*MOG*	0.843	1.793
41663_at	10228	*STX6*	0.842	1.793
887_at	2657	*GDF1*	0.841	1.792
34621_at	3849	*KRT2*	0.841	1.791
37197_s_at	51626	*DYNC2LI1*	0.840	1.791
32610_at	8572	*PDLIM4*	0.840	1.790
32125_at	57187	*THOC2*	0.840	1.790
41183_at	1479	*CSTF3*	0.839	1.789
38607_at	9032	*TM4SF5*	0.839	1.788
32813_s_at	10300	*KATNB1*	0.838	1.788
40752_at	113177	*C19orf36*	0.838	1.788

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40467_at	6392	*SDHD*	0.838	1.787
39531_at	4131	*MAP1B*	0.837	1.786
37839_at	4916	*NTRK3*	0.836	1.785
37201_at	3700	*ITIH4*	0.836	1.785
1581_s_at	7155	*TOP2B*	0.836	1.785
37769_at	9170	*LPAR2*	0.833	1.782
41806_at	2247	*FGF2*	0.832	1.781
33443_at	57515	*SERINC1*	0.831	1.779
714_at	10486	*CAP2*	0.831	1.778
39048_at	4855	*NOTCH4*	0.830	1.778
34573_at	1944	*EFNA3*	0.830	1.778
35802_at	23360	*FNBP4*	0.830	1.778
34702_f_at	387590	*psiTPTE22*	0.830	1.777
40442_f_at	---	---	0.829	1.776
33102_at	120	*ADD3*	0.828	1.775
39225_at	8540	*AGPS*	0.828	1.775
32481_at	90199	*WFDC8*	0.827	1.774
36369_at	284119	*PTRF*	0.827	1.774
508_at	6827	*SUPT4H1*	0.827	1.774
36623_at	249	*ALPL*	0.826	1.773
1002_f_at	1557	*CYP2C19*	0.826	1.773
37147_at	6320	*CLEC11A*	0.826	1.773
32173_at	10247	*HRSP12*	0.825	1.772
35944_at	8705	*B3GALT4*	0.825	1.772
40372_at	5407	*PNLIPRP1*	0.825	1.771
40717_at	1515	*CTSL2*	0.823	1.770
1218_at	2063	*NR2F6*	0.823	1.770
34883_at	9921	*RNF10*	0.823	1.769
41415_at	705	*BYSL*	0.822	1.768
31456_at	---	---	0.822	1.768
38193_at	3514	*IGKC*	0.822	1.767
33810_at	8295	*TRRAP*	0.822	1.767
37628_at	4129	*MAOB*	0.821	1.767
31961_r_at	---	---	0.821	1.766
40581_at	7204	*TRIO*	0.821	1.766
2059_s_at	3932	*LCK*	0.820	1.766
37599_at	316	*AOX1*	0.820	1.765
35701_at	3265	*HRAS*	0.820	1.765
32556_at	11338	*U2AF2*	0.819	1.765
37802_r_at	54629	*FAM63B*	0.819	1.764
31638_at	374291	*NDUFS7*	0.818	1.763
1555_f_at	1549	*CYP2A7*	0.818	1.763
40472_at	254531	*LPCAT4*	0.818	1.763
1802_s_at	2064	*ERBB2*	0.817	1.762
40067_at	1997	*ELF1*	0.816	1.761
41585_at	23231	*KIAA0746*	0.816	1.760
38727_at	90411	*MCFD2*	0.816	1.760
513_at	5607	*MAP2K5*	0.815	1.760

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
31655_at	---	---	0.815	1.759
38342_at	23338	*PHF15*	0.814	1.758
38680_at	6635	*SNRPE*	0.813	1.756
39399_at	6904	*TBCD*	0.813	1.756
32737_at	5880	*RAC2*	0.811	1.755
33865_at	10771	*ZMYND11*	0.811	1.755
1045_s_at	5970	*RELA*	0.811	1.754
36361_at	8941	*CDK5R2*	0.811	1.754
31877_at	8697	*CDC23*	0.810	1.753
40275_at	23633	*KPNA6*	0.810	1.753
33751_at	10239	*AP3S2*	0.810	1.753
35218_at	11235	*PDCD10*	0.809	1.753
41872_at	1687	*DFNA5*	0.809	1.752
34041_at	6367	*CCL22*	0.809	1.752
40015_at	375449	*MAST4*	0.809	1.752
33348_at	6938	*TCF12*	0.809	1.751
36148_at	333	*APLP1*	0.808	1.751
38058_at	1805	*DPT*	0.807	1.750
2001_g_at	472	*ATM*	0.806	1.749
32871_at	---	---	0.806	1.749
31896_at	51594	*NBAS*	0.806	1.748
1003_s_at	643	*CXCR5*	0.806	1.748
39681_at	7704	*ZBTB16*	0.805	1.748
38041_at	2589	*GALNT1*	0.805	1.747
34291_at	2193	*FARSA*	0.805	1.747
606_at	8153	*RND2*	0.804	1.746
273_g_at	2922	*GRP*	0.804	1.745
31727_at	954	*ENTPD2*	0.803	1.745
31437_r_at	2100	*ESR2*	0.803	1.745
32563_at	483	*ATP1B3*	0.802	1.744
34193_at	10752	*CHL1*	0.801	1.742
37994_at	2332	*FMR1*	0.800	1.741
397_at	1087	*CEACAM7*	0.800	1.741
34568_at	3884	*KRT33B*	0.800	1.741
35628_at	7108	*TM7SF2*	0.799	1.740
39409_at	715	*C1R*	0.799	1.740
36227_at	3575	*IL7R*	0.799	1.740
37473_at	3868	*KRT16*	0.798	1.739
36898_r_at	5558	*PRIM2*	0.798	1.739
33330_at	8218	*CLTCL1*	0.798	1.738
32643_at	2632	*GBE1*	0.797	1.737
1432_s_at	4058	*LTK*	0.797	1.737
36633_at	---	---	0.796	1.737
31328_at	6569	*SLC34A1*	0.796	1.736
33760_at	5195	*PEX14*	0.795	1.735
40952_at	730092	*LOC730092*	0.795	1.735
36610_at	23518	*R3HDM1*	0.794	1.734
38069_at	1186	*CLCN7*	0.793	1.733

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39126_at	11243	*PMF1*	0.793	1.733
38625_g_at	6560	*SLC12A4*	0.792	1.732
40034_r_at	8578	*SCARF1*	0.792	1.732
40221_at	9013	*TAF1C*	0.792	1.731
39185_at	56270	*WDR45L*	0.792	1.731
35373_at	5295	*PIK3R1*	0.792	1.731
38467_at	3257	*HPS1*	0.792	1.731
31635_g_at	5554	*PRH1*	0.791	1.731
38037_at	1839	*HBEGF*	0.788	1.727
40139_at	2475	*MTOR*	0.788	1.727
31375_at	---	---	0.788	1.727
1208_at	5753	*PTK6*	0.788	1.726
AFFX-LysX-M_at	---	---	0.788	1.726
33328_at	57493	*HEG1*	0.788	1.726
31550_at	153	*ADRB1*	0.787	1.725
31824_at	4199	*ME1*	0.787	1.725
35912_at	4585	*MUC4*	0.787	1.725
36337_at	22904	*SBNO2*	0.786	1.725
262_at	262	*AMD1*	0.786	1.724
AFFX-BioB-5_at	---	---	0.786	1.724
38331_at	6016	*RIT1*	0.786	1.724
37584_at	2189	*FANCG*	0.785	1.723
35182_f_at	---	*40432*	0.785	1.723
38042_at	5578	*PRKCA*	0.784	1.722
37724_at	4609	*MYC*	0.784	1.721
36580_at	64795	*RMND5A*	0.784	1.721
34704_r_at	10086	*HHLA1*	0.783	1.721
35572_f_at	56242	*ZNF253*	0.783	1.721
37716_at	4345	*CD200*	0.782	1.720
AFFX-PheX-M_at	---	---	0.782	1.720
37273_at	2066	*ERBB4*	0.782	1.720
39943_at	4999	*ORC2L*	0.781	1.719
247_s_at	1589	*CYP21A2*	0.781	1.719
37995_s_at	2332	*FMR1*	0.781	1.719
38967_at	9556	*C14orf2*	0.781	1.718
38604_at	4852	*NPY*	0.781	1.718
32662_at	9656	*MDC1*	0.780	1.717
34257_at	9863	*MAGI2*	0.780	1.717
36287_at	5294	*PIK3CG*	0.779	1.716
35898_at	8839	*WISP2*	0.779	1.715
37780_at	27445	*PCLO*	0.779	1.715
34167_s_at	6534	*SLC6A7*	0.778	1.714
41685_at	285596	*FAM153A*	0.776	1.712
34738_at	6470	*SHMT1*	0.775	1.712
40544_g_at	429	*ASCL1*	0.775	1.711
34105_f_at	3500	*IGHG1*	0.775	1.711
39244_at	5867	*RAB4A*	0.775	1.711
37348_s_at	9324	*HMGN3*	0.774	1.710

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
41453_at	1741	*DLG3*	0.774	1.710
32706_at	7290	*HIRA*	0.774	1.710
32002_at	2676	*GFRA3*	0.774	1.709
38757_at	11333	*PDAP1*	0.773	1.709
2021_s_at	898	*CCNE1*	0.773	1.709
37332_r_at	8659	*ALDH4A1*	0.772	1.707
39028_at	3843	*IPO5*	0.772	1.707
41639_at	23397	*NCAPH*	0.771	1.707
1537_at	1956	*EGFR*	0.771	1.707
38311_at	60436	*TGIF2*	0.770	1.705
35807_at	1535	*CYBA*	0.770	1.705
41572_r_at	5966	*REL*	0.769	1.704
33317_at	1022	*CDK7*	0.769	1.704
39884_g_at	27292	*DIMT1L*	0.768	1.703
41238_s_at	10136	*CELA3A*	0.767	1.702
1118_at	5734	*PTGER4*	0.767	1.702
1190_at	5800	*PTPRO*	0.766	1.701
35436_at	2801	*GOLGA2*	0.765	1.700
37849_at	6585	*SLIT1*	0.765	1.700
40925_at	---	---	0.765	1.700
37969_at	5742	*PTGS1*	0.765	1.699
39274_at	23636	*NUP62*	0.765	1.699
34846_at	816	*CAMK2B*	0.765	1.699
39639_s_at	7141	*TNP1*	0.765	1.699
41677_at	3601	*IL15RA*	0.764	1.698
41277_at	10284	*SAP18*	0.764	1.698
33827_at	10443	*N4BP2L2*	0.763	1.698
33697_at	5027	*P2RX7*	0.763	1.697
762_f_at	8294	*HIST1H4I*	0.763	1.697
41468_at	445347	*TARP*	0.762	1.696
1230_g_at	10903	*MTMR11*	0.762	1.696
40829_at	23038	*WDTC1*	0.762	1.696
40473_at	8428	*STK24*	0.762	1.696
38746_at	3691	*ITGB4*	0.760	1.694
37763_at	6257	*RXRB*	0.759	1.692
35195_at	8634	*RTCD1*	0.758	1.691
39671_at	26052	*DNM3*	0.758	1.691
40202_at	687	*KLF9*	0.758	1.691
36215_at	5567	*PRKACB*	0.758	1.691
32038_s_at	10929	*SFRS2B*	0.757	1.691
36310_at	3881	*KRT31*	0.757	1.691
34756_g_at	10038	*PARP2*	0.757	1.690
33173_g_at	---	*40432*	0.756	1.689
41803_g_at	79703	*C11orf80*	0.756	1.689
38317_at	9338	*TCEAL1*	0.756	1.689
36535_at	4236	*MFAP1*	0.756	1.689
38241_at	10384	*BTN3A3*	0.756	1.689
1722_at	5607	*MAP2K5*	0.755	1.687

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38212_at	2583	*B4GALNT1*	0.755	1.687
36179_at	9261	*MAPKAPK2*	0.754	1.687
31343_at	3557	*IL1RN*	0.754	1.686
33089_s_at	1943	*EFNA2*	0.754	1.686
40577_at	158427	*TSTD2*	0.754	1.686
31772_at	728361	*LOC728361*	0.753	1.685
37094_at	7517	*XRCC3*	0.753	1.685
1206_at	1020	*CDK5*	0.752	1.684
640_at	91445	*RNF185*	0.752	1.684
40061_at	5326	*PLAGL2*	0.752	1.684
38478_at	6433	*SFRS8*	0.751	1.683
38162_at	9699	*RIMS2*	0.751	1.683
40507_at	6513	*SLC2A1*	0.751	1.683
36406_at	26085	*KLK13*	0.750	1.682
36727_at	---	---	0.750	1.682
34430_at	2875	*GPT*	0.750	1.682
36097_at	9592	*IER2*	0.750	1.681
32053_at	905	*CCNT2*	0.749	1.681
40946_at	81875	*ISG20L2*	0.749	1.681
36942_at	9798	*KIAA0174*	0.748	1.680
33185_at	23155	*CLCC1*	0.748	1.679
37259_at	5274	*SERPINI1*	0.747	1.679
36213_at	9258	*MFHAS1*	0.747	1.678
41651_at	23325	*KIAA1033*	0.747	1.678
41868_at	2678	*GGT1*	0.746	1.677
33292_at	10126	*DNAL4*	0.746	1.677
1696_at	5423	*POLB*	0.746	1.677
38416_at	908	*CCT6A*	0.746	1.677
39743_at	54987	*C1orf123*	0.744	1.675
32164_at	2131	*EXT1*	0.744	1.675
646_s_at	1196	*CLK2*	0.742	1.673
33924_at	23258	*DENND5A*	0.742	1.673
41686_s_at	285596	*FAM153A*	0.741	1.671
38260_at	81887	*LAS1L*	0.740	1.671
40455_at	23052	*ENDOD1*	0.740	1.670
31845_at	2000	*ELF4*	0.739	1.670
37045_at	399979	*SNX19*	0.739	1.669
36717_at	11019	*LIAS*	0.738	1.668
33736_at	9399	*STOML1*	0.738	1.668
39467_f_at	---	---	0.737	1.667
2012_s_at	5591	*PRKDC*	0.737	1.667
36105_at	4680	*CEACAM6*	0.737	1.666
40867_at	5518	*PPP2R1A*	0.737	1.666
39229_at	9147	*SDCCAG1*	0.736	1.665
34712_at	23268	*DNMBP*	0.736	1.665
34521_at	9175	*MAP3K13*	0.736	1.665
40255_at	55794	*DDX28*	0.735	1.665
33707_at	8605	*PLA2G4C*	0.735	1.664

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
36848_r_at	51690	*LSM7*	0.735	1.664
40420_at	6793	*STK10*	0.733	1.663
41323_at	---	---	0.733	1.662
40552_s_at	---	---	0.733	1.662
1901_s_at	2064	*ERBB2*	0.732	1.661
39210_at	2526	*FUT4*	0.732	1.661
36523_at	538	*ATP7A*	0.732	1.661
39596_at	4916	*NTRK3*	0.732	1.661
37156_at	2115	*ETV1*	0.731	1.660
31758_at	---	---	0.731	1.660
41201_at	10059	*DNM1L*	0.731	1.659
36498_at	1174	*AP1S1*	0.731	1.659
37936_at	9128	*PRPF4*	0.731	1.659
36087_at	23378	*RRP8*	0.730	1.659
1189_at	1024	*CDK8*	0.730	1.659
39220_at	7356	*SCGB1A1*	0.730	1.659
40574_at	4293	*MAP3K9*	0.729	1.658
33084_at	10814	*CPLX2*	0.729	1.657
34720_at	4781	*NFIB*	0.729	1.657
41828_at	4152	*MBD1*	0.729	1.657
31536_at	57142	*RTN4*	0.728	1.657
33655_f_at	10214	*SSX3*	0.728	1.657
41105_s_at	4301	*MLLT4*	0.728	1.656
36007_at	25903	*OLFML2B*	0.728	1.656
33378_at	25836	*NIPBL*	0.727	1.655
990_at	2321	*FLT1*	0.727	1.655
1115_at	5196	*PF4*	0.726	1.654
41411_at	51103	*NDUFAF1*	0.725	1.653
1070_at	2959	*GTF2B*	0.725	1.653
31362_at	---	---	0.725	1.653
37391_at	1514	*CTSL1*	0.725	1.653
1751_g_at	2193	*FARSA*	0.725	1.653
40627_at	6009	*RHEB*	0.724	1.652
35968_s_at	405	*ARNT*	0.724	1.652
34574_at	4110	*MAGEA11*	0.724	1.652
38892_at	23506	*KIAA0240*	0.724	1.651
1024_at	1543	*CYP1A1*	0.724	1.651
41279_f_at	9479	*MAPK8IP1*	0.723	1.651
32566_at	79586	*CHPF*	0.723	1.651
38753_at	11260	*XPOT*	0.723	1.651
35374_at	9696	*CROCC*	0.723	1.651
37000_at	25874	*BRP44*	0.723	1.651
33852_at	7072	*TIA1*	0.723	1.650
35782_at	23363	*OBSL1*	0.723	1.650
33403_at	26097	*C1orf77*	0.722	1.650
38524_at	4950	*OCLN*	0.722	1.649
35176_at	1798	*DPAGT1*	0.721	1.649
38135_at	80184	*CEP290*	0.721	1.648

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38944_at	4088	*SMAD3*	0.720	1.648
36747_at	---	---	0.720	1.647
38092_at	2034	*EPAS1*	0.719	1.646
883_s_at	5292	*PIM1*	0.719	1.646
37597_s_at	11336	*EXOC3*	0.718	1.645
40122_at	10492	*SYNCRIP*	0.718	1.645
39416_at	30851	*TAX1BP3*	0.717	1.644
35294_at	6738	*TROVE2*	0.717	1.644
1397_at	4296	*MAP3K11*	0.717	1.644
32175_at	---	*40428*	0.716	1.643
39055_at	6717	*SRI*	0.716	1.643
36347_f_at	8341	*HIST1H2BN*	0.716	1.643
419_at	4288	*MKI67*	0.716	1.642
31371_at	---	---	0.716	1.642
37342_s_at	3712	*IVD*	0.715	1.642
33101_g_at	26998	*FETUB*	0.715	1.642
39102_at	29899	*GPSM2*	0.715	1.642
1241_at	8073	*PTP4A2*	0.715	1.641
267_at	2475	*MTOR*	0.714	1.641
33886_at	10006	*ABI1*	0.714	1.641
31458_at	51350	*KRT76*	0.713	1.640
32109_at	5348	*FXYD1*	0.713	1.639
388_at	5296	*PIK3R2*	0.713	1.639
AFFX-HUMTFRR/M11507_3_at	7037	*TFRC*	0.712	1.639
36029_at	744	*MPPED2*	0.712	1.638
37586_at	7701	*ZNF142*	0.712	1.638
37843_i_at	9466	*IL27RA*	0.712	1.638
35710_s_at	201254	*STRA13*	0.711	1.637
37335_at	1716	*DGUOK*	0.710	1.636
39897_at	91746	*YTHDC1*	0.710	1.636
41530_at	10449	*ACAA2*	0.710	1.636
1460_g_at	5775	*PTPN4*	0.710	1.636
37694_at	23469	*PHF3*	0.710	1.635
37624_at	761	*CA3*	0.710	1.635
40559_at	728882	*FAM182B*	0.708	1.634
41438_at	114882	*OSBPL8*	0.708	1.634
34662_at	84864	*MINA*	0.707	1.633
35220_at	2028	*ENPEP*	0.707	1.633
33307_at	27341	*RRP7A*	0.707	1.632
2035_s_at	2023	*ENO1*	0.707	1.632
33013_at	5161	*PDHA2*	0.706	1.631
32547_at	4074	*M6PR*	0.705	1.631
31793_at	1667	*DEFA1*	0.705	1.631
37240_at	23438	*HARS2*	0.705	1.631
36248_at	51754	*TMEM8B*	0.705	1.630
37288_g_at	4897	*NRCAM*	0.705	1.630
36640_at	4633	*MYL2*	0.704	1.629

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39083_at	7323	*UBE2D3*	0.704	1.629
39591_s_at	10875	*FGL2*	0.703	1.628
35155_at	55643	*BTBD2*	0.703	1.628
32963_s_at	58528	*RRAGD*	0.703	1.628
32139_at	7739	*ZNF185*	0.702	1.627
35966_at	25797	*QPCT*	0.702	1.627
31622_f_at	4494	*MT1F*	0.701	1.626
1973_s_at	4609	*MYC*	0.700	1.625
33188_at	23759	*PPIL2*	0.700	1.624
31911_at	9087	*TMSB4Y*	0.699	1.624
36125_s_at	22913	*RALY*	0.698	1.623
785_at	11060	*WWP2*	0.698	1.622
416_s_at	3222	*HOXC5*	0.697	1.621
1445_at	9034	*CCRL2*	0.697	1.621
35228_at	1375	*CPT1B*	0.697	1.621
39992_at	5002	*SLC22A18*	0.696	1.620
33423_g_at	6396	*SEC13*	0.695	1.619
32847_at	4638	*MYLK*	0.695	1.619
36401_at	22844	*FRMPD1*	0.695	1.619
37925_r_at	55937	*APOM*	0.694	1.618
38760_f_at	11118	*BTN3A2*	0.694	1.618
32887_at	22994	*AZI1*	0.694	1.618
40510_at	9653	*HS2ST1*	0.694	1.618
38973_at	23119	*HIC2*	0.694	1.617
37835_at	911	*CD1C*	0.694	1.617
38439_at	4779	*NFE2L1*	0.693	1.617
32123_at	1294	*COL7A1*	0.693	1.617
39715_at	23468	*CBX5*	0.692	1.616
38734_at	5350	*PLN*	0.692	1.615
2032_s_at	3685	*ITGAV*	0.692	1.615
33432_at	112950	*MED8*	0.691	1.615
467_at	26578	*OSTF1*	0.691	1.615
37844_at	9466	*IL27RA*	0.691	1.615
36219_at	10613	*ERLIN1*	0.690	1.613
40917_at	157922	*CAMSAP1*	0.689	1.612
34508_r_at	22853	*LMTK2*	0.689	1.612
41587_g_at	8817	*FGF18*	0.689	1.612
1888_s_at	3815	*KIT*	0.688	1.611
41469_at	5266	*PI3*	0.688	1.611
38155_at	5001	*ORC5L*	0.688	1.611
35648_at	26053	*AUTS2*	0.687	1.610
36595_s_at	2628	*GATM*	0.687	1.610
34682_at	54744	*DKFZp566H0824*	0.687	1.610
35393_at	---	---	0.687	1.610
AFFX-MurIL10_at	3586	*Il10*	0.687	1.609
40997_at	5094	*PCBP2*	0.685	1.608
38477_at	1801	*DPH1*	0.685	1.607

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
37579_at	26999	*CYFIP2*	0.684	1.607
40190_at	23177	*CEP68*	0.684	1.607
418_at	4288	*MKI67*	0.684	1.607
AFFX-CreX-5_st	---	---	0.684	1.607
826_at	1654	*DDX3X*	0.684	1.606
37555_at	5822	*PWP2*	0.683	1.605
1141_at	4161	*MC5R*	0.682	1.604
195_s_at	837	*CASP4*	0.680	1.603
37061_at	1118	*CHIT1*	0.680	1.602
38570_at	3112	*HLA-DOB*	0.680	1.602
34154_at	1141	*CHRNB2*	0.680	1.602
33669_at	---	---	0.680	1.602
32400_at	4298	*MLLT1*	0.680	1.602
36948_at	23741	*EID1*	0.679	1.601
32818_at	3371	*TNC*	0.678	1.600
32519_at	5605	*MAP2K2*	0.678	1.600
1779_s_at	5292	*PIM1*	0.677	1.599
31777_at	4593	*MUSK*	0.677	1.599
37152_at	5467	*PPARD*	0.676	1.598
947_at	4176	*MCM7*	0.676	1.598
1324_at	5883	*RAD9A*	0.676	1.597
36222_at	80740	*LY6G6C*	0.675	1.597
34484_at	10564	*ARFGEF2*	0.675	1.596
260_at	5860	*QDPR*	0.675	1.596
34378_at	123	*PLIN2*	0.675	1.596
37107_at	8493	*PPM1D*	0.674	1.595
1959_at	51582	*AZIN1*	0.673	1.595
32853_at	9868	*TOMM70A*	0.673	1.594
33452_at	5327	*PLAT*	0.672	1.594
102_at	10114	*HIPK3*	0.672	1.593
177_at	5337	*PLD1*	0.671	1.592
36330_at	883	*CCBL1*	0.671	1.592
35765_at	10139	*ARFRP1*	0.670	1.592
40375_at	1960	*EGR3*	0.670	1.591
1454_at	4088	*SMAD3*	0.668	1.589
36643_at	780	*DDR1*	0.668	1.589
41790_at	7915	*ALDH5A1*	0.668	1.589
39147_g_at	546	*ATRX*	0.667	1.588
41763_g_at	7073	*TIAL1*	0.666	1.587
37092_at	9752	*PCDHA9*	0.666	1.587
34462_at	6339	*SCNN1D*	0.666	1.587
39415_at	3190	*HNRNPK*	0.666	1.586
41735_at	22898	*DENND3*	0.666	1.586
36829_at	5187	*PER1*	0.665	1.586
41040_at	10557	*RPP38*	0.665	1.586
31869_at	23075	*SWAP70*	0.665	1.585
38692_at	4664	*NAB1*	0.665	1.585
35904_at	6555	*SLC10A2*	0.664	1.584

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
35672_at	25909	*AHCTF1*	0.664	1.584
41870_at	10630	*PDPN*	0.662	1.582
38103_at	26058	*GIGYF2*	0.662	1.582
35548_at	---	---	0.662	1.582
34954_r_at	8654	*PDE5A*	0.661	1.581
39118_at	3301	*DNAJA1*	0.661	1.581
34434_at	6360	*CCL16*	0.661	1.581
31325_at	---	---	0.661	1.581
36060_at	6729	*SRP54*	0.660	1.580
40944_at	8462	*KLF11*	0.660	1.580
40763_at	4211	*MEIS1*	0.660	1.580
40215_at	7357	*UGCG*	0.660	1.580
312_s_at	5747	*PTK2*	0.659	1.579
33058_at	9119	*KRT75*	0.659	1.579
32505_at	2907	*GRINA*	0.659	1.579
41274_at	131544	*CRYBG3*	0.658	1.578
38436_at	23168	*RTF1*	0.657	1.577
38976_at	11151	*CORO1A*	0.656	1.576
37130_g_at	8620	*NPFF*	0.656	1.575
37491_at	6872	*TAF1*	0.655	1.575
38744_at	7979	*SHFM1*	0.655	1.575
37249_at	8622	*PDE8B*	0.655	1.574
31358_at	---	---	0.654	1.573
35561_at	4163	*MCC*	0.654	1.573
38066_at	1728	*NQO1*	0.654	1.573
AFFX-DapX-5_at	---	---	0.653	1.572
40464_g_at	3842	*TNPO1*	0.653	1.572
41281_s_at	5192	*PEX10*	0.652	1.572
1031_at	6732	*SRPK1*	0.651	1.571
1336_s_at	5579	*PRKCB*	0.651	1.570
33021_at	---	---	0.651	1.570
625_at	10493	*VAT1*	0.651	1.570
37214_g_at	1774	*DNASE1L1*	0.650	1.570
382_at	5531	*PPP4C*	0.650	1.570
32615_at	1615	*DARS*	0.649	1.568
1065_at	2322	*FLT3*	0.648	1.567
32787_at	2065	*ERBB3*	0.648	1.567
38444_at	8048	*CSRP3*	0.647	1.566
1362_s_at	6257	*RXRB*	0.647	1.566
35364_at	8883	*NAE1*	0.647	1.566
41118_at	79758	*DHRS12*	0.647	1.565
36594_s_at	2132	*EXT2*	0.646	1.565
39302_at	1824	*DSC2*	0.646	1.565
39190_s_at	284439	*SLC25A42*	0.646	1.564
37232_at	9786	*KIAA0586*	0.646	1.564
36226_r_at	6421	*SFPQ*	0.645	1.564
40976_at	10300	*KATNB1*	0.645	1.564
1470_at	5425	*POLD2*	0.644	1.563

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34848_at	2222	*FDFT1*	0.643	1.562
33460_at	5028	*P2RY1*	0.643	1.562
34905_at	2901	*GRIK5*	0.642	1.560
35917_at	4130	*MAP1A*	0.642	1.560
31544_at	2299	*FOXI1*	0.641	1.559
33543_s_at	5411	*PNN*	0.641	1.559
2045_s_at	3055	*HCK*	0.639	1.557
39093_s_at	23476	*BRD4*	0.639	1.557
37732_at	23429	*RYBP*	0.639	1.557
41728_at	9761	*MLEC*	0.637	1.556
36537_at	23370	*ARHGEF18*	0.637	1.556
32479_at	8792	*TNFRSF11A*	0.637	1.555
34237_at	10767	*HBS1L*	0.637	1.555
39516_at	51367	*POP5*	0.636	1.554
38589_i_at	5757	*PTMA*	0.636	1.554
39503_s_at	10570	*DPYSL4*	0.636	1.554
759_at	5740	*PTGIS*	0.636	1.554
1726_at	5426	*POLE*	0.635	1.553
33219_at	23032	*USP33*	0.635	1.553
40535_i_at	9669	*EIF5B*	0.635	1.553
32941_at	3394	*IRF8*	0.634	1.552
35779_at	11311	*VPS45*	0.634	1.552
35755_at	3705	*ITPK1*	0.634	1.552
41561_s_at	90410	*IFT20*	0.634	1.552
36789_f_at	10990	*LILRB5*	0.634	1.552
40893_at	8803	*SUCLA2*	0.634	1.551
37797_at	6120	*RPE*	0.633	1.551
38490_r_at	79868	*ALG13*	0.633	1.551
32406_at	140710	*C20orf117*	0.633	1.551
38310_at	4849	*CNOT3*	0.633	1.550
343_s_at	5167	*ENPP1*	0.632	1.550
37193_at	7371	*UCK2*	0.632	1.550
37573_at	23452	*ANGPTL2*	0.632	1.550
32868_at	7053	*TGM3*	0.632	1.550
37186_s_at	26	*ABP1*	0.632	1.549
37486_f_at	4213	*MEIS3P1*	0.631	1.549
274_at	7707	*ZNF148*	0.631	1.548
38171_at	10238	*DCAF7*	0.631	1.548
38634_at	5947	*RBP1*	0.630	1.548
32469_at	1084	*CEACAM3*	0.630	1.548
35519_at	55001	*TTC22*	0.630	1.547
1044_s_at	1875	*E2F5*	0.630	1.547
1856_at	5966	*REL*	0.629	1.547
38541_at	1589	*CYP21A2*	0.628	1.546
41049_at	3667	*IRS1*	0.628	1.545
40706_at	---	---	0.627	1.545
37984_s_at	382	*ARF6*	0.627	1.544
34276_at	22981	*NINL*	0.626	1.543

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40162_s_at	1311	*COMP*	0.625	1.542
38630_at	253782	*LASS6*	0.625	1.542
1950_s_at	4088	*SMAD3*	0.624	1.541
34907_at	9625	*AATK*	0.624	1.541
38050_at	9774	*BCLAF1*	0.623	1.541
39499_s_at	56288	*PARD3*	0.623	1.541
32918_at	---	---	0.622	1.539
38396_at	4131	*MAP1B*	0.622	1.539
38283_at	9166	*EBAG9*	0.621	1.537
32229_at	9470	*EIF4E2*	0.620	1.537
39468_r_at	---	---	0.618	1.535
31986_at	85021	*REPS1*	0.617	1.534
36214_at	9314	*KLF4*	0.617	1.533
37968_at	259197	*NCR3*	0.616	1.533
39568_g_at	364	*AQP7*	0.616	1.533
35682_at	56829	*ZC3HAV1*	0.616	1.532
32443_at	7712	*ZNF157*	0.614	1.531
38773_at	873	*CBR1*	0.614	1.531
32172_at	23013	*SPEN*	0.614	1.530
32812_at	22998	*LIMCH1*	0.613	1.530
40568_at	526	*ATP6V1B2*	0.612	1.529
37869_at	23085	*ERC1*	0.612	1.529
35761_at	60496	*AASDHPPT*	0.612	1.528
37310_at	5328	*PLAU*	0.611	1.527
37073_at	2138	*EYA1*	0.611	1.527
1969_s_at	1022	*CDK7*	0.611	1.527
33063_at	2811	*GP1BA*	0.610	1.527
35653_at	27065	*D4S234E*	0.610	1.526
40919_at	6752	*SSTR2*	0.610	1.526
1710_s_at	7150	*TOP1*	0.610	1.526
773_at	4629	*MYH11*	0.610	1.526
582_g_at	7181	*NR2C1*	0.609	1.525
32009_at	10803	*CCR9*	0.608	1.524
40047_at	10193	*RNF41*	0.608	1.524
41259_at	51491	*NOP16*	0.608	1.524
33275_at	2002	*ELK1*	0.608	1.524
41845_at	1406	*CRX*	0.608	1.524
35881_at	---	---	0.607	1.524
36770_at	6773	*STAT2*	0.607	1.523
825_at	8899	*PRPF4B*	0.607	1.523
37345_at	813	*CALU*	0.606	1.522
37434_at	84516	*DCTN5*	0.606	1.522
40562_at	2767	*GNA11*	0.606	1.522
38248_at	9762	*ProSAPiP1*	0.605	1.521
41316_s_at	6294	*SAFB*	0.605	1.521
40839_at	5412	*UBL3*	0.605	1.520
33069_f_at	7366	*UGT2B15*	0.604	1.520
35535_f_at	9720	*CCDC144A*	0.604	1.520

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
31367_at	23093	*TTLL5*	0.604	1.520
36601_at	7414	*VCL*	0.604	1.520
31594_at	3883	*KRT33A*	0.604	1.520
32403_at	93164	*HTR7P*	0.604	1.520
37517_at	23108	*GARNL4*	0.603	1.519
34386_at	8930	*MBD4*	0.602	1.518
34715_at	2305	*FOXM1*	0.601	1.517
35494_at	100128062	*SLC2A3P1*	0.601	1.517
38923_at	2483	*FRG1*	0.601	1.517
41565_at	11273	*ATXN2L*	0.600	1.516
35688_g_at	100272147	*MTCP1NB*	0.600	1.516
235_at	6285	*S100B*	0.600	1.516
35762_at	23219	*FBXO28*	0.600	1.516
33408_at	22982	*DIP2C*	0.600	1.516
33633_at	5032	*P2RY11*	0.600	1.515
120_at	3672	*ITGA1*	0.599	1.514
40051_at	9697	*TRAM2*	0.599	1.514
41714_at	9890	*LPPR4*	0.598	1.514
36435_at	5494	*PPM1A*	0.598	1.514
39668_at	7021	*TFAP2B*	0.598	1.513
2093_s_at	7520	*XRCC5*	0.598	1.513
32026_s_at	9693	*RAPGEF2*	0.596	1.512
36039_s_at	6450	*SH3BGR*	0.596	1.512
35810_at	10094	*ARPC3*	0.596	1.511
39536_at	3166	*HMX1*	0.596	1.511
34822_at	7159	*TP53BP2*	0.595	1.511
31778_at	2703	*GJA8*	0.595	1.511
34747_at	4323	*MMP14*	0.595	1.510
31995_g_at	10564	*ARFGEF2*	0.594	1.509
1704_at	7410	*VAV2*	0.593	1.509
669_s_at	3659	*IRF1*	0.593	1.509
31946_s_at	2290	*FOXG1*	0.592	1.507
38797_at	23516	*SLC39A14*	0.592	1.507
31903_at	26039	*SS18L1*	0.591	1.506
35524_at	733	*C8G*	0.591	1.506
37209_g_at	5723	*PSPH*	0.591	1.506
34361_at	9159	*PCSK7*	0.590	1.505
33545_at	6329	*SCN4A*	0.589	1.504
32792_at	25949	*SYF2*	0.588	1.503
1591_s_at	3481	*IGF2*	0.587	1.503
32116_at	11322	*TMC6*	0.587	1.502
32776_at	5899	*RALB*	0.587	1.502
32761_at	23524	*SRRM2*	0.587	1.502
41074_at	8549	*LGR5*	0.586	1.501
38112_g_at	1462	*VCAN*	0.586	1.501
35289_at	23637	*RABGAP1*	0.586	1.501
36250_at	253982	*ASPHD1*	0.586	1.501
39162_at	404672	*GTF2H5*	0.586	1.501

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
37182_at	6855	*SYP*	-0.585	-1.500
39948_at	4149	*MAX*	-0.585	-1.500
389_s_at	355	*FAS*	-0.585	-1.500
1858_at	356	*FASLG*	-0.585	-1.500
39012_g_at	2029	*ENSA*	-0.585	-1.500
35030_i_at	9758	*FRMPD4*	-0.586	-1.501
41361_at	9337	*CNOT8*	-0.586	-1.501
35075_at	27079	*RPUSD2*	-0.586	-1.501
38562_g_at	---	---	-0.586	-1.501
34065_at	9480	*ONECUT2*	-0.586	-1.501
32465_at	579	*NKX3-2*	-0.587	-1.502
32117_at	26574	*AATF*	-0.587	-1.502
36299_at	796	*CALCA*	-0.587	-1.502
2003_s_at	2956	*MSH6*	-0.587	-1.502
41731_g_at	4634	*MYL3*	-0.587	-1.502
35489_at	4224	*MEP1A*	-0.587	-1.502
39334_s_at	1822	*ATN1*	-0.588	-1.503
32974_at	23404	*EXOSC2*	-0.588	-1.503
35334_at	8908	*GYG2*	-0.588	-1.503
1266_s_at	3932	*LCK*	-0.588	-1.503
34582_at	6506	*SLC1A2*	-0.588	-1.503
38714_at	2993	*GYPA*	-0.588	-1.503
1618_at	1588	*CYP19A1*	-0.588	-1.503
33926_at	56252	*YLPM1*	-0.588	-1.503
31452_at	---	---	-0.588	-1.504
31496_g_at	6375	*XCL1*	-0.589	-1.504
2046_at	2078	*ERG*	-0.589	-1.504
39150_at	26994	*RNF11*	-0.589	-1.504
32988_at	1187	*CLCNKA*	-0.589	-1.504
39067_at	4201	*MEA1*	-0.589	-1.505
38793_at	7139	*TNNT2*	-0.589	-1.505
34087_at	3776	*KCNK2*	-0.589	-1.505
32935_at	26094	*DCAF4*	-0.590	-1.505
36866_at	56311	*ANKRD7*	-0.590	-1.505
41378_at	6444	*SGCD*	-0.590	-1.505
31376_at	---	---	-0.590	-1.505
31593_at	652147	*LOC652147*	-0.590	-1.505
34249_at	7957	*EPM2A*	-0.590	-1.505
34110_g_at	5625	*PRODH*	-0.590	-1.505
792_s_at	7020	*TFAP2A*	-0.590	-1.505
38204_at	9675	*KIAA0406*	-0.590	-1.506
194_at	856	*CATR1*	-0.590	-1.506
33514_at	814	*CAMK4*	-0.591	-1.506
34199_at	10802	*SEC24A*	-0.591	-1.506
35964_at	4148	*MATN3*	-0.591	-1.506
35149_at	958	*CD40*	-0.591	-1.506
35961_at	---	---	-0.591	-1.506
32762_i_at	25782	*RAB3GAP2*	-0.591	-1.506

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40806_at	4247	*MGAT2*	-0.591	-1.506
37312_at	9792	*SERTAD2*	-0.591	-1.507
1929_at	284	*ANGPT1*	-0.592	-1.507
40550_at	---	---	-0.592	-1.507
40626_at	---	---	-0.592	-1.507
37983_at	185	*AGTR1*	-0.592	-1.507
34389_at	7373	*COL14A1*	-0.592	-1.507
37899_at	7298	*TYMS*	-0.592	-1.507
38249_at	51442	*VGLL1*	-0.592	-1.507
35310_at	5305	*PIP4K2A*	-0.592	-1.508
34535_at	4988	*OPRM1*	-0.592	-1.508
31454_f_at	---	---	-0.592	-1.508
711_at	6928	*HNF1B*	-0.593	-1.508
32226_at	4134	*MAP4*	-0.593	-1.508
36967_g_at	288	*ANK3*	-0.593	-1.508
38579_at	56269	*IRGC*	-0.593	-1.508
40346_at	23359	*FAM189A1*	-0.593	-1.509
38341_at	27067	*STAU2*	-0.593	-1.509
40812_at	6526	*SLC5A3*	-0.593	-1.509
1623_s_at	2241	*FER*	-0.593	-1.509
38010_at	664	*BNIP3*	-0.593	-1.509
41119_f_at	79758	*DHRS12*	-0.593	-1.509
37967_at	7940	*LST1*	-0.593	-1.509
32675_at	683	*BST1*	-0.593	-1.509
38678_at	6635	*SNRPE*	-0.593	-1.509
35640_at	862	*RUNX1T1*	-0.594	-1.509
1502_s_at	4603	*MYBL1*	-0.594	-1.509
35662_at	839	*CASP6*	-0.594	-1.509
1342_g_at	7013	*TERF1*	-0.594	-1.509
41812_s_at	23225	*NUP210*	-0.594	-1.509
34374_g_at	10075	*HUWE1*	-0.594	-1.510
41589_at	3785	*KCNQ2*	-0.594	-1.510
32961_at	10260	*DENND4A*	-0.594	-1.510
34659_at	9631	*NUP155*	-0.595	-1.510
31576_at	---	---	-0.595	-1.510
39199_at	91	*ACVR1B*	-0.595	-1.510
1982_s_at	2176	*FANCC*	-0.595	-1.510
41289_at	4684	*NCAM1*	-0.595	-1.510
33610_at	9073	*CLDN8*	-0.595	-1.510
32912_at	5456	*POU3F4*	-0.595	-1.511
40793_s_at	361	*AQP4*	-0.595	-1.511
33389_at	1595	*CYP51A1*	-0.596	-1.512
137_at	10661	*KLF1*	-0.596	-1.512
1078_at	5618	*PRLR*	-0.596	-1.512
31617_at	10630	*PDPN*	-0.596	-1.512
1949_at	---	---	-0.596	-1.512
40231_at	4091	*SMAD6*	-0.597	-1.512
41559_at	57476	*GRAMD1B*	-0.597	-1.512

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
36532_at	8871	*SYNJ2*	-0.597	-1.512
40715_at	4064	*CD180*	-0.597	-1.512
39985_r_at	11146	*GLMN*	-0.597	-1.512
520_at	7786	*MAP3K12*	-0.597	-1.513
40551_at	6711	*SPTBN1*	-0.597	-1.513
33243_at	25816	*TNFAIP8*	-0.597	-1.513
33721_at	1244	*ABCC2*	-0.598	-1.513
33464_at	---	---	-0.598	-1.513
40252_g_at	---	---	-0.598	-1.513
41670_at	27351	*PPPDE2*	-0.598	-1.514
36295_at	7693	*ZNF134*	-0.598	-1.514
34450_at	2984	*GUCY2C*	-0.598	-1.514
41668_r_at	23483	*TGDS*	-0.598	-1.514
41104_at	10563	*CXCL13*	-0.599	-1.514
38532_at	9880	*ZBTB39*	-0.599	-1.514
34081_at	---	---	-0.599	-1.514
1412_g_at	1584	*CYP11B1*	-0.599	-1.515
32019_at	26105	*DKFZP434C153*	-0.599	-1.515
41452_at	23660	*ZKSCAN5*	-0.599	-1.515
40753_at	6620	*SNCB*	-0.599	-1.515
39234_at	---	---	-0.600	-1.516
123_at	5587	*PRKD1*	-0.600	-1.516
33241_at	9848	*MFAP3L*	-0.600	-1.516
34071_at	---	---	-0.600	-1.516
35865_at	2494	*NR5A2*	-0.600	-1.516
37997_r_at	1762	*DMWD*	-0.600	-1.516
483_g_at	1012	*CDH13*	-0.600	-1.516
40835_at	256364	*EML3*	-0.600	-1.516
36545_s_at	9814	*SFI1*	-0.600	-1.516
1601_s_at	3488	*IGFBP5*	-0.601	-1.516
31578_at	1080	*CFTR*	-0.601	-1.517
37183_at	2571	*GAD1*	-0.601	-1.517
31742_at	8740	*TNFSF14*	-0.601	-1.517
32876_s_at	6010	*RHO*	-0.601	-1.517
35157_at	5193	*PEX12*	-0.601	-1.517
37380_at	2959	*GTF2B*	-0.601	-1.517
36491_at	11013	*TMSB15A*	-0.601	-1.517
37148_at	79168	*LILRA6*	-0.602	-1.517
40204_at	1506	*CTRL*	-0.602	-1.518
33326_at	23011	*RAB21*	-0.602	-1.518
39475_at	8602	*NOP14*	-0.602	-1.518
34488_i_at	25794	*FSCN2*	-0.602	-1.518
39215_at	4879	*NPPB*	-0.602	-1.518
34549_g_at	1584	*CYP11B1*	-0.602	-1.518
41599_at	2627	*GATA6*	-0.602	-1.518
35517_at	920	*CD4*	-0.602	-1.518
31480_f_at	4111	*MAGEA12*	-0.602	-1.518
33911_at	5789	*PTPRD*	-0.603	-1.518

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
833_at	3681	*ITGAD*	-0.603	-1.518
34117_at	---	---	-0.603	-1.519
41481_at	3673	*ITGA2*	-0.603	-1.519
32372_at	1508	*CTSB*	-0.603	-1.519
36350_at	54491	*FAM105A*	-0.603	-1.519
33187_r_at	339005	*WHAMML1*	-0.603	-1.519
40070_at	8241	*RBM10*	-0.603	-1.519
481_at	54861	*SNRK*	-0.604	-1.520
40357_at	3624	*INHBA*	-0.604	-1.520
41371_at	2968	*GTF2H4*	-0.604	-1.520
36960_at	1912	*PHC2*	-0.604	-1.520
33775_s_at	841	*CASP8*	-0.604	-1.520
31979_at	5210	*PFKFB4*	-0.604	-1.520
34042_at	1101	*CHAD*	-0.604	-1.520
40500_at	65009	*NDRG4*	-0.604	-1.520
35730_at	125	*ADH1B*	-0.605	-1.521
31735_at	80316	*PPP1R2P9*	-0.605	-1.521
40692_at	7091	*TLE4*	-0.605	-1.521
39841_at	9120	*SLC16A6*	-0.605	-1.521
1505_at	7298	*TYMS*	-0.605	-1.521
1608_at	4233	*MET*	-0.606	-1.522
41808_at	9988	*DMTF1*	-0.606	-1.522
1047_s_at	4485	*MST1*	-0.606	-1.522
41349_at	5664	*PSEN2*	-0.606	-1.522
38504_at	726	*CAPN5*	-0.606	-1.522
40673_at	36	*ACADSB*	-0.606	-1.522
33544_at	8633	*UNC5C*	-0.607	-1.523
33365_at	22893	*BAHD1*	-0.607	-1.523
1853_at	7471	*WNT1*	-0.607	-1.523
37064_at	100272228	*LOC100272228*	-0.607	-1.523
38505_at	27161	*EIF2C2*	-0.608	-1.524
38378_at	963	*CD53*	-0.608	-1.524
35568_at	117	*ADCYAP1R1*	-0.608	-1.524
34074_s_at	2779	*GNAT1*	-0.608	-1.524
40741_at	1071	*CETP*	-0.608	-1.524
1406_at	7181	*NR2C1*	-0.609	-1.525
1679_at	100132832	*LOC100132832*	-0.609	-1.525
31618_at	7157	*TP53*	-0.609	-1.525
36315_i_at	23233	*EXOC6B*	-0.609	-1.525
39084_at	2027	*ENO3*	-0.609	-1.526
40501_s_at	4604	*MYBPC1*	-0.609	-1.526
34286_at	10286	*BCAS2*	-0.610	-1.526
31679_at	---	---	-0.610	-1.526
39195_s_at	115286	*SLC25A26*	-0.610	-1.526
33547_i_at	2524	*FUT2*	-0.610	-1.526
1918_at	6497	*SKI*	-0.610	-1.526
40943_at	79071	*ELOVL6*	-0.611	-1.527
31542_at	2312	*FLG*	-0.611	-1.527

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
33306_at	7572	*ZNF24*	-0.611	-1.527
36390_at	1240	*CMKLR1*	-0.611	-1.527
39919_at	10882	*C1QL1*	-0.611	-1.527
32957_g_at	124152	*IQCK*	-0.611	-1.527
1883_s_at	4299	*AFF1*	-0.611	-1.528
34082_at	54434	*SSH1*	-0.612	-1.528
39365_i_at	5507	*PPP1R3C*	-0.612	-1.528
40382_at	1392	*CRH*	-0.612	-1.528
1444_at	5715	*PSMD9*	-0.612	-1.528
34614_at	3765	*KCNJ9*	-0.612	-1.528
36860_at	23211	*ZC3H4*	-0.612	-1.529
32632_g_at	2629	*GBA*	-0.612	-1.529
37118_at	10740	*RFPL1S*	-0.613	-1.529
35002_g_at	222658	*KCTD20*	-0.613	-1.529
1069_at	5743	*PTGS2*	-0.613	-1.529
39632_at	4322	*MMP13*	-0.613	-1.530
34543_at	4084	*MXD1*	-0.614	-1.530
37633_s_at	5047	*PAEP*	-0.614	-1.530
34451_at	51678	*MPP6*	-0.614	-1.530
40542_at	429	*ASCL1*	-0.614	-1.530
38507_at	1565	*CYP2D6*	-0.614	-1.531
32338_at	---	---	-0.614	-1.531
34084_at	6718	*AKR1D1*	-0.615	-1.531
31652_at	22989	*MYH15*	-0.615	-1.531
37063_r_at	---	---	-0.615	-1.531
35058_at	286205	*SCAI*	-0.615	-1.531
38302_at	7753	*ZNF202*	-0.615	-1.531
38959_s_at	846	*CASR*	-0.615	-1.531
31757_at	140901	*STK35*	-0.615	-1.532
39637_at	1836	*SLC26A2*	-0.615	-1.532
38206_at	6123	*RPL3L*	-0.615	-1.532
36903_at	114088	*TRIM9*	-0.615	-1.532
31656_at	---	---	-0.616	-1.532
34287_at	23275	*POFUT2*	-0.616	-1.532
32258_r_at	7013	*TERF1*	-0.616	-1.533
35006_at	9015	*TAF1A*	-0.616	-1.533
1813_at	64285	*RHBDF1*	-0.616	-1.533
288_s_at	3930	*LBR*	-0.616	-1.533
35547_at	9194	*SLC16A7*	-0.617	-1.533
35136_at	55916	*NXT2*	-0.617	-1.534
34989_at	7696	*ZNF137*	-0.617	-1.534
39453_at	---	---	-0.617	-1.534
34097_at	---	---	-0.617	-1.534
1531_at	10443	*N4BP2L2*	-0.617	-1.534
35878_at	22834	*ZNF652*	-0.618	-1.535
32199_at	5800	*PTPRO*	-0.618	-1.535
32057_at	10234	*LRRC17*	-0.618	-1.535
37275_at	2553	*GABPB1*	-0.618	-1.535

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
1195_s_at	9270	*ITGB1BP1*	-0.618	-1.535
37607_at	3795	*KHK*	-0.618	-1.535
38929_at	646934	*LOC646934*	-0.619	-1.535
33011_at	23620	*NTSR2*	-0.619	-1.535
33549_at	623	*BDKRB1*	-0.619	-1.536
415_at	1399	*CRKL*	-0.619	-1.536
31613_at	22798	*LAMB4*	-0.619	-1.536
33577_at	3199	*HOXA2*	-0.619	-1.536
31483_g_at	1056	*CEL*	-0.619	-1.536
37575_at	1386	*ATF2*	-0.619	-1.536
658_at	7058	*THBS2*	-0.619	-1.536
33321_r_at	7177	*TPSAB1*	-0.619	-1.536
31473_s_at	8658	*TNKS*	-0.620	-1.536
35563_at	57591	*MKL1*	-0.620	-1.537
33193_at	55062	*WIPI1*	-0.620	-1.537
33548_f_at	2524	*FUT2*	-0.620	-1.537
35222_at	7626	*ZNF75D*	-0.620	-1.537
1791_s_at	3440	*IFNA2*	-0.620	-1.537
32985_at	6299	*SALL1*	-0.620	-1.537
33771_at	23507	*LRRC8B*	-0.621	-1.538
34017_s_at	4363	*ABCC1*	-0.621	-1.538
41038_at	4688	*NCF2*	-0.622	-1.539
33996_at	4829	*NMBR*	-0.622	-1.539
1759_f_at	1551	*CYP3A7*	-0.623	-1.540
40272_at	1400	*CRMP1*	-0.623	-1.540
40251_at	---	---	-0.623	-1.540
31601_s_at	5940	*RBMY1A1*	-0.623	-1.540
33455_at	229	*ALDOB*	-0.623	-1.540
41675_at	9892	*SNAP91*	-0.623	-1.540
36947_s_at	1859	*DYRK1A*	-0.623	-1.540
34870_at	11155	*LDB3*	-0.624	-1.541
32355_at	26115	*TANC2*	-0.624	-1.541
34884_at	1373	*CPS1*	-0.624	-1.541
33518_f_at	4101	*MAGEA2*	-0.624	-1.541
40630_at	644761	*LOC644761*	-0.624	-1.542
39246_at	10274	*STAG1*	-0.625	-1.542
31484_at	---	---	-0.625	-1.542
33935_at	27101	*CACYBP*	-0.625	-1.542
34601_at	7587	*ZNF37A*	-0.625	-1.542
36922_at	6241	*RRM2*	-0.625	-1.543
36367_at	27328	*PCDH11X*	-0.626	-1.543
34514_at	7253	*TSHR*	-0.626	-1.543
32361_s_at	5297	*PI4KA*	-0.626	-1.543
39553_at	11191	*PTENP1*	-0.626	-1.543
32991_f_at	266	*AMELY*	-0.626	-1.543
34871_at	91782	*CHMP7*	-0.626	-1.544
271_s_at	1510	*CTSE*	-0.627	-1.544
341_at	5724	*PTAFR*	-0.627	-1.544

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
33335_at	91949	*COG7*	-0.627	-1.544
40000_f_at	23230	*VPS13A*	-0.627	-1.544
40587_s_at	9521	*EEF1E1*	-0.627	-1.545
41393_at	7748	*ZNF195*	-0.628	-1.545
39998_at	659	*BMPR2*	-0.628	-1.545
39181_at	---	---	-0.628	-1.545
37793_r_at	5892	*RAD51L3*	-0.628	-1.545
37876_at	23683	*PRKD3*	-0.628	-1.546
1353_g_at	3577	*IL8RA*	-0.628	-1.546
38349_at	83737	*ITCH*	-0.629	-1.546
36854_s_at	2890	*GRIA1*	-0.629	-1.546
31644_at	10850	*CCL27*	-0.629	-1.547
41536_at	3400	*ID4*	-0.629	-1.547
39563_at	375056	*MIA3*	-0.629	-1.547
34039_at	9437	*NCR1*	-0.629	-1.547
35587_at	---	---	-0.629	-1.547
39457_r_at	---	---	-0.629	-1.547
36941_at	10962	*MLLT11*	-0.630	-1.547
37076_at	6517	*SLC2A4*	-0.630	-1.547
107_at	282808	*RAB40AL*	-0.630	-1.548
41348_at	10265	*IRX5*	-0.630	-1.548
134_at	10152	*ABI2*	-0.630	-1.548
33585_at	---	---	-0.630	-1.548
40802_at	26130	*GAPVD1*	-0.631	-1.548
33052_at	8399	*PLA2G10*	-0.631	-1.548
37518_at	26747	*NUFIP1*	-0.631	-1.549
38329_at	10165	*SLC25A13*	-0.631	-1.549
37437_at	9742	*IFT140*	-0.631	-1.549
34417_at	349152	*DPY19L2P2*	-0.631	-1.549
37621_at	3572	*IL6ST*	-0.631	-1.549
32231_at	---	---	-0.631	-1.549
36377_at	8809	*IL18R1*	-0.631	-1.549
693_g_at	10486	*CAP2*	-0.631	-1.549
35641_g_at	862	*RUNX1T1*	-0.632	-1.549
32950_at	11281	*POU6F2*	-0.632	-1.550
39227_at	11122	*PTPRT*	-0.633	-1.550
35021_at	658	*BMPR1B*	-0.633	-1.550
41412_at	27254	*CSDC2*	-0.633	-1.551
32070_at	5790	*PTPRCAP*	-0.633	-1.551
32782_r_at	667	*DST*	-0.633	-1.551
33494_at	2110	*ETFDH*	-0.633	-1.551
35936_g_at	386593	*CHKB-CPT1B*	-0.633	-1.551
33960_s_at	774	*CACNA1B*	-0.633	-1.551
310_s_at	4137	*MAPT*	-0.634	-1.551
1966_i_at	---	---	-0.634	-1.551
AFFX-BioB-M_at	---	---	-0.634	-1.551
401_s_at	3131	*HLF*	-0.634	-1.552
33004_g_at	8440	*NCK2*	-0.634	-1.552

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
35147_at	23263	*MCF2L*	-0.634	-1.552
32343_at	2035	*EPB41*	-0.634	-1.552
39987_at	26235	*FBXL4*	-0.634	-1.552
35258_f_at	9169	*SFRS2IP*	-0.634	-1.552
34048_at	2712	*GK2*	-0.634	-1.552
34135_at	---	---	-0.635	-1.552
33928_r_at	56252	*YLPM1*	-0.635	-1.552
39957_at	9306	*SOCS6*	-0.635	-1.553
31632_at	10729	*ZNF259P*	-0.635	-1.553
1819_at	5911	*RAP2A*	-0.635	-1.553
1672_f_at	5925	*RB1*	-0.635	-1.553
34716_at	10772	*FUSIP1*	-0.635	-1.553
37054_at	671	*BPI*	-0.635	-1.553
35579_at	23086	*EXPH5*	-0.636	-1.554
39977_at	27107	*ZBTB11*	-0.636	-1.554
39082_at	309	*ANXA6*	-0.636	-1.554
35161_at	22888	*UBOX5*	-0.636	-1.554
37482_at	57016	*AKR1B10*	-0.636	-1.554
36256_at	4045	*LSAMP*	-0.636	-1.554
2068_s_at	1870	*E2F2*	-0.636	-1.554
40530_at	323	*APBB2*	-0.637	-1.555
36318_at	55117	*SLC6A15*	-0.637	-1.555
36911_at	7306	*TYRP1*	-0.637	-1.555
33604_at	8471	*IRS4*	-0.637	-1.555
33688_at	2637	*GBX2*	-0.637	-1.555
40293_at	8789	*FBP2*	-0.637	-1.555
31552_at	3949	*LDLR*	-0.638	-1.556
845_at	6778	*STAT6*	-0.638	-1.557
1087_at	2057	*EPOR*	-0.639	-1.557
36598_s_at	3636	*INPPL1*	-0.639	-1.557
40320_at	8556	*CDC14A*	-0.639	-1.557
32760_at	6406	*SEMG1*	-0.639	-1.557
39276_g_at	776	*CACNA1D*	-0.639	-1.557
36043_at	4978	*OPCML*	-0.639	-1.558
144_at	7084	*TK2*	-0.639	-1.558
32940_at	9949	*AMMECR1*	-0.640	-1.558
32420_at	2830	*GPR6*	-0.640	-1.558
32514_s_at	1522	*CTSZ*	-0.640	-1.558
38348_at	8309	*ACOX2*	-0.640	-1.558
41479_s_at	5889	*RAD51C*	-0.640	-1.558
1763_at	5383	*PMS2L5*	-0.640	-1.558
35049_g_at	2892	*GRIA3*	-0.640	-1.559
38616_at	57447	*NDRG2*	-0.641	-1.559
41787_at	9819	*TSC22D2*	-0.641	-1.559
35914_r_at	10003	*NAALAD2*	-0.641	-1.559
161_at	9366	*RAB9P1*	-0.641	-1.559
34158_s_at	6507	*SLC1A3*	-0.641	-1.560
40939_at	9986	*RCE1*	-0.641	-1.560

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38930_at	---	---	-0.641	-1.560
35611_at	7539	*ZFP37*	-0.641	-1.560
34630_s_at	1770	*DNAH9*	-0.641	-1.560
36816_s_at	1080	*CFTR*	-0.641	-1.560
32708_g_at	11104	*KATNA1*	-0.641	-1.560
36863_at	3161	*HMMR*	-0.641	-1.560
739_at	4763	*NF1*	-0.642	-1.560
35796_at	11344	*TWF2*	-0.642	-1.560
31983_at	2018	*EMX2*	-0.642	-1.560
36263_g_at	2799	*GNS*	-0.642	-1.561
31556_at	6964	*TRD*	-0.642	-1.561
217_at	3817	*KLK2*	-0.642	-1.561
31980_at	8456	*FOXN1*	-0.643	-1.561
40922_at	206358	*SLC36A1*	-0.643	-1.561
33844_at	9125	*RQCD1*	-0.643	-1.561
37175_at	462	*SERPINC1*	-0.643	-1.561
1463_at	5782	*PTPN12*	-0.643	-1.561
32894_at	3268	*AGFG2*	-0.643	-1.562
32926_at	---	---	-0.643	-1.562
32167_at	9512	*PMPCB*	-0.643	-1.562
527_at	1058	*CENPA*	-0.644	-1.562
41805_g_at	79703	*C11orf80*	-0.644	-1.562
33554_at	100129973	*LOC100129973*	-0.644	-1.563
37657_at	5064	*PALM*	-0.644	-1.563
32239_at	4147	*MATN2*	-0.644	-1.563
35076_at	---	---	-0.644	-1.563
37314_at	55837	*EAPP*	-0.645	-1.564
33974_at	10633	*RASL10A*	-0.645	-1.564
36210_g_at	6046	*BRD2*	-0.646	-1.564
998_s_at	7850	*IL1R2*	-0.646	-1.565
308_f_at	2689	*GH2*	-0.647	-1.566
40429_r_at	---	---	-0.647	-1.566
37446_at	9737	*GPRASP1*	-0.647	-1.566
38106_at	10412	*TINP1*	-0.647	-1.566
34586_s_at	1746	*DLX2*	-0.647	-1.566
35797_at	3597	*IL13RA1*	-0.647	-1.566
41490_at	5634	*PRPS2*	-0.647	-1.566
35752_s_at	5627	*PROS1*	-0.647	-1.566
41617_at	3046	*HBE1*	-0.648	-1.567
34635_at	3363	*HTR7*	-0.648	-1.567
35120_at	283079	*LOC283079*	-0.649	-1.568
32278_at	1122	*CHML*	-0.649	-1.568
32320_at	312	*ANXA13*	-0.649	-1.568
667_at	554	*AVPR2*	-0.649	-1.568
32917_at	3938	*LCT*	-0.649	-1.568
38548_at	1558	*CYP2C8*	-0.649	-1.568
33456_at	22919	*MAPRE1*	-0.650	-1.569
38587_at	2169	*FABP2*	-0.650	-1.569

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40784_at	5527	*PPP2R5C*	-0.650	-1.569
39562_at	8545	*CGGBP1*	-0.650	-1.570
38698_at	25843	*MOBKL3*	-0.650	-1.570
33093_at	8807	*IL18RAP*	-0.650	-1.570
31322_at	6964	*TRD*	-0.650	-1.570
31752_at	---	---	-0.651	-1.570
38520_r_at	6563	*SLC14A1*	-0.651	-1.570
35064_at	11074	*TRIM31*	-0.651	-1.570
35253_at	9846	*GAB2*	-0.651	-1.571
35680_r_at	1804	*DPP6*	-0.651	-1.571
34127_at	9390	*SLC22A13*	-0.651	-1.571
828_at	5732	*PTGER2*	-0.652	-1.571
35581_at	---	---	-0.652	-1.571
41474_at	3796	*KIF2A*	-0.652	-1.571
36447_at	2219	*FCN1*	-0.652	-1.571
1380_at	2252	*FGF7*	-0.652	-1.571
511_s_at	2444	*FRK*	-0.652	-1.571
38355_at	8653	*DDX3Y*	-0.652	-1.571
40167_s_at	55884	*WSB2*	-0.652	-1.571
965_at	2011	*MARK2*	-0.652	-1.571
34420_at	7352	*UCP3*	-0.652	-1.571
39771_at	9886	*RHOBTB1*	-0.652	-1.572
37649_at	3145	*HMBS*	-0.653	-1.572
41017_at	4608	*MYBPH*	-0.653	-1.572
764_s_at	9575	*CLOCK*	-0.653	-1.572
37171_at	9493	*KIF23*	-0.653	-1.573
35711_at	27165	*GLS2*	-0.653	-1.573
40707_at	10198	*MPHOSPH9*	-0.653	-1.573
1656_s_at	25	*ABL1*	-0.653	-1.573
33948_at	1395	*CRHR2*	-0.653	-1.573
36540_at	23221	*RHOBTB2*	-0.654	-1.573
32113_at	202	*AIM1*	-0.654	-1.573
39886_at	23426	*GRIP1*	-0.654	-1.574
34086_at	9294	*S1PR2*	-0.654	-1.574
32486_at	1158	*CKM*	-0.654	-1.574
32537_at	23205	*ACSBG1*	-0.655	-1.574
37576_at	5121	*PCP4*	-0.655	-1.575
31415_at	9082	*XKRY*	-0.655	-1.575
33032_r_at	---	---	-0.655	-1.575
512_at	10062	*NR1H3*	-0.655	-1.575
1258_s_at	2072	*ERCC4*	-0.655	-1.575
562_g_at	2492	*FSHR*	-0.656	-1.576
37775_at	---	*40427*	-0.656	-1.576
34577_at	4108	*MAGEA9*	-0.656	-1.576
1422_g_at	814	*CAMK4*	-0.656	-1.576
35873_at	2649	*NR6A1*	-0.656	-1.576
742_at	3026	*HABP2*	-0.656	-1.576
34968_at	22847	*ZNF507*	-0.656	-1.576

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
41191_at	23022	*PALLD*	-0.657	-1.576
37613_at	5816	*PVALB*	-0.657	-1.576
40330_at	51196	*PLCE1*	-0.657	-1.576
37781_at	9379	*NRXN2*	-0.657	-1.577
35400_at	9201	*DCLK1*	-0.658	-1.578
127_at	26469	*PTPN18*	-0.659	-1.578
38511_at	57711	*ZNF529*	-0.659	-1.579
37614_g_at	5816	*PVALB*	-0.659	-1.579
983_at	6300	*MAPK12*	-0.659	-1.579
39903_at	10518	*CIB2*	-0.659	-1.579
743_at	4675	*NAP1L3*	-0.659	-1.579
38305_at	10565	*ARFGEF1*	-0.659	-1.579
36274_at	6541	*SLC7A1*	-0.660	-1.580
38927_i_at	7299	*TYR*	-0.660	-1.580
40345_at	3658	*IREB2*	-0.660	-1.580
1933_g_at	10057	*ABCC5*	-0.660	-1.580
39706_at	8895	*CPNE3*	-0.660	-1.580
34321_i_at	10447	*FAM3C*	-0.660	-1.580
33236_at	5920	*RARRES3*	-0.660	-1.581
40254_s_at	55794	*DDX28*	-0.661	-1.581
33077_at	---	---	-0.661	-1.581
39146_at	546	*ATRX*	-0.661	-1.581
39644_at	25758	*C11orf41*	-0.661	-1.581
40987_at	7421	*VDR*	-0.661	-1.581
41786_at	285148	*IAH1*	-0.661	-1.581
350_at	7716	*VEZF1*	-0.661	-1.582
40964_at	3099	*HK2*	-0.662	-1.582
32268_at	9223	*MAGI1*	-0.662	-1.583
32989_at	5989	*RFX1*	-0.662	-1.583
34033_s_at	11027	*LILRA2*	-0.663	-1.583
35101_at	2815	*GP9*	-0.663	-1.583
35357_at	114932	*MRFAP1L1*	-0.663	-1.583
34435_at	366	*AQP9*	-0.663	-1.584
39892_at	2788	*GNG7*	-0.663	-1.584
39788_at	8502	*PKP4*	-0.664	-1.584
41569_at	23234	*DNAJC9*	-0.664	-1.584
34263_s_at	1730	*DIAPH2*	-0.664	-1.584
34045_at	196993	*CT62*	-0.664	-1.584
35525_at	10050	*SLC17A4*	-0.664	-1.585
31709_at	---	---	-0.664	-1.585
36782_s_at	3481	*IGF2*	-0.665	-1.585
41242_at	6675	*UAP1*	-0.665	-1.585
34497_at	9014	*TAF1B*	-0.665	-1.586
35540_at	8372	*HYAL3*	-0.665	-1.586
33747_s_at	8420	*SNHG3*	-0.665	-1.586
31710_at	6955	*TRA*	-0.666	-1.586
33166_at	8717	*TRADD*	-0.666	-1.586
41406_at	65123	*INTS3*	-0.666	-1.586

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
37396_at	8625	*RFXANK*	-0.666	-1.586
31998_at	19	*ABCA1*	-0.666	-1.587
31703_at	8973	*CHRNA6*	-0.666	-1.587
974_at	9020	*MAP3K14*	-0.666	-1.587
33195_at	1723	*DHODH*	-0.666	-1.587
35689_at	8916	*HERC3*	-0.667	-1.588
34745_at	9693	*RAPGEF2*	-0.667	-1.588
36424_at	10529	*NEBL*	-0.667	-1.588
33260_at	6654	*SOS1*	-0.667	-1.588
31987_at	---	---	-0.667	-1.588
31388_at	10824	*EPAG*	-0.667	-1.588
31450_s_at	6014	*RIT2*	-0.668	-1.589
33977_at	2672	*GFI1*	-0.669	-1.589
31449_at	51561	*IL23A*	-0.669	-1.589
37612_at	5816	*PVALB*	-0.669	-1.590
40313_at	646	*BNC1*	-0.669	-1.590
35284_f_at	55218	*EXD2*	-0.669	-1.590
32263_at	9133	*CCNB2*	-0.669	-1.590
1815_g_at	7048	*TGFBR2*	-0.669	-1.590
34472_at	8323	*FZD6*	-0.669	-1.590
41682_s_at	594	*BCKDHB*	-0.670	-1.591
1968_g_at	5156	*PDGFRA*	-0.670	-1.591
33433_at	25940	*FAM98A*	-0.671	-1.592
33611_g_at	9073	*CLDN8*	-0.671	-1.592
1616_at	2254	*FGF9*	-0.671	-1.593
34157_f_at	8332	*HIST1H2AL*	-0.671	-1.593
39188_at	2986	*GUCY2F*	-0.672	-1.593
36920_at	4534	*MTM1*	-0.672	-1.593
40591_at	996	*CDC27*	-0.672	-1.593
40080_at	23065	*KIAA0090*	-0.672	-1.593
36331_at	7109	*TRAPPC10*	-0.672	-1.593
37327_at	1956	*EGFR*	-0.672	-1.593
41020_at	5126	*PCSK2*	-0.672	-1.593
41781_at	8500	*PPFIA1*	-0.672	-1.593
39958_at	9306	*SOCS6*	-0.672	-1.594
36275_at	57556	*SEMA6A*	-0.672	-1.594
34748_at	25780	*RASGRP3*	-0.673	-1.594
39665_at	2743	*GLRB*	-0.673	-1.594
1566_at	4684	*NCAM1*	-0.673	-1.595
34150_at	25834	*MGAT4C*	-0.674	-1.595
31447_at	---	---	-0.674	-1.595
32555_at	6907	*TBL1X*	-0.674	-1.595
33786_r_at	9731	*KIAA0562*	-0.674	-1.596
33426_at	1114	*CHGB*	-0.674	-1.596
32483_at	64582	*GPR135*	-0.675	-1.596
41461_at	5378	*PMS1*	-0.675	-1.596
35399_at	27304	*MOCS3*	-0.675	-1.596
33576_at	26050	*SLITRK5*	-0.675	-1.596

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34442_at	339479	*FAM5C*	-0.675	-1.596
33112_at	11126	*CD160*	-0.675	-1.597
39212_at	55786	*ZNF415*	-0.675	-1.597
39983_at	11146	*GLMN*	-0.675	-1.597
41873_at	9715	*FAM131B*	-0.675	-1.597
40889_at	2629	*GBA*	-0.675	-1.597
38463_s_at	272	*AMPD3*	-0.675	-1.597
35609_at	9708	*PCDHGA8*	-0.675	-1.597
37119_at	8674	*VAMP4*	-0.676	-1.597
33265_at	5828	*PXMP3*	-0.676	-1.597
37851_at	28996	*HIPK2*	-0.676	-1.597
39407_at	649	*BMP1*	-0.676	-1.598
35250_at	11237	*RNF24*	-0.676	-1.598
37979_at	10413	*YAP1*	-0.676	-1.598
33383_f_at	6439	*SFTPB*	-0.676	-1.598
32891_at	5581	*PRKCE*	-0.676	-1.598
1818_at	23433	*RHOQ*	-0.677	-1.598
35887_at	6017	*RLBP1*	-0.677	-1.599
1413_at	---	---	-0.677	-1.599
40007_at	10320	*IKZF1*	-0.677	-1.599
34741_at	7029	*TFDP2*	-0.677	-1.599
32284_at	6899	*TBX1*	-0.677	-1.599
35866_at	10795	*ZNF268*	-0.677	-1.599
32796_f_at	5644	*PRSS1*	-0.677	-1.599
35928_at	7173	*TPO*	-0.678	-1.600
33534_at	11082	*ESM1*	-0.678	-1.600
35396_at	3037	*HAS2*	-0.678	-1.600
35088_at	1237	*CCR8*	-0.678	-1.600
34564_at	2044	*EPHA5*	-0.679	-1.600
36901_at	7110	*TMF1*	-0.679	-1.601
31489_at	4287	*ATXN3*	-0.679	-1.601
41541_at	2987	*GUK1*	-0.679	-1.601
36300_at	796	*CALCA*	-0.679	-1.601
39064_at	10588	*MTHFS*	-0.679	-1.601
36074_at	3653	*IPW*	-0.679	-1.601
32118_at	5884	*RAD17*	-0.679	-1.601
34551_at	5458	*POU4F2*	-0.679	-1.601
33998_at	4922	*NTS*	-0.679	-1.602
35463_at	8820	*HESX1*	-0.679	-1.602
33033_at	534	*ATP6V1G2*	-0.680	-1.602
36974_at	9491	*PSMF1*	-0.680	-1.602
920_at	4820	*NKTR*	-0.680	-1.602
32293_at	3973	*LHCGR*	-0.681	-1.603
33065_at	57338	*JPH3*	-0.681	-1.603
33529_at	131	*ADH7*	-0.681	-1.603
36726_at	5075	*PAX1*	-0.681	-1.603
34753_at	6845	*VAMP7*	-0.681	-1.603
126_s_at	6757	*SSX2*	-0.681	-1.603

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39387_at	22929	*SEPHS1*	-0.681	-1.603
40017_at	25891	*PAMR1*	-0.681	-1.603
32979_at	2549	*GAB1*	-0.682	-1.604
34051_at	23143	*LRCH1*	-0.682	-1.604
41640_at	54432	*YIPF1*	-0.682	-1.604
40385_at	6364	*CCL20*	-0.682	-1.604
41031_at	4958	*OMD*	-0.682	-1.604
35683_at	22880	*MORC2*	-0.683	-1.605
34020_at	551	*AVP*	-0.683	-1.605
41631_f_at	2937	*GSS*	-0.683	-1.605
38086_at	3321	*IGSF3*	-0.683	-1.605
31518_i_at	689	*BTF3*	-0.684	-1.606
650_s_at	818	*CAMK2G*	-0.684	-1.606
38497_at	2005	*ELK4*	-0.684	-1.607
32904_at	5551	*PRF1*	-0.684	-1.607
31733_at	5024	*P2RX3*	-0.684	-1.607
37999_at	1371	*CPOX*	-0.685	-1.608
34618_at	3549	*IHH*	-0.685	-1.608
33309_at	51099	*ABHD5*	-0.685	-1.608
39578_at	55806	*HR*	-0.685	-1.608
130_s_at	7080	*NKX2-1*	-0.686	-1.608
36365_at	7225	*TRPC6*	-0.686	-1.608
34878_at	10051	*SMC4*	-0.686	-1.609
39063_at	70	*ACTC1*	-0.686	-1.609
34628_at	6875	*TAF4B*	-0.686	-1.609
34744_at	3035	*HARS*	-0.687	-1.609
1202_g_at	9363	*RAB33A*	-0.687	-1.609
34584_at	7596	*ZNF45*	-0.687	-1.610
37901_at	30849	*PIK3R4*	-0.687	-1.610
32114_s_at	135	*ADORA2A*	-0.687	-1.610
35721_at	3283	*HSD3B1*	-0.687	-1.610
35026_f_at	10793	*ZNF273*	-0.688	-1.611
38961_at	23285	*KIAA1107*	-0.688	-1.611
34122_at	1447	*CSN2*	-0.688	-1.611
1757_i_at	1551	*CYP3A7*	-0.688	-1.611
35406_at	8997	*KALRN*	-0.688	-1.611
32579_at	6597	*SMARCA4*	-0.688	-1.612
39200_s_at	---	---	-0.688	-1.612
40731_at	23468	*CBX5*	-0.689	-1.612
35931_at	7554	*ZNF8*	-0.689	-1.612
33344_at	9282	*MED14*	-0.689	-1.612
32726_g_at	637	*BID*	-0.689	-1.612
32185_at	65125	*WNK1*	-0.689	-1.612
41055_at	23148	*NACAD*	-0.689	-1.612
34964_at	8351	*HIST1H3D*	-0.689	-1.613
35663_at	4885	*NPTX2*	-0.690	-1.613
639_s_at	6924	*TCEB3*	-0.690	-1.613
37881_at	10220	*GDF11*	-0.691	-1.614

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34980_at	23081	*KDM4C*	-0.691	-1.615
35043_at	2074	*ERCC6*	-0.691	-1.615
39524_at	6010	*RHO*	-0.691	-1.615
31931_f_at	6006	*RHCE*	-0.692	-1.615
32365_at	338645	*LUZP2*	-0.692	-1.615
37143_s_at	5198	*PFAS*	-0.692	-1.616
31357_at	---	---	-0.692	-1.616
32339_at	5539	*PPY*	-0.692	-1.616
31717_at	5301	*PIN1L*	-0.693	-1.616
1095_s_at	3082	*HGF*	-0.693	-1.616
32896_at	---	---	-0.693	-1.617
32329_at	3892	*KRT86*	-0.694	-1.617
37987_at	4686	*NCBP1*	-0.694	-1.617
1265_g_at	5771	*PTPN2*	-0.694	-1.618
1633_g_at	11040	*PIM2*	-0.694	-1.618
635_s_at	5526	*PPP2R5B*	-0.694	-1.618
37204_at	3699	*ITIH3*	-0.694	-1.618
35644_at	9843	*HEPH*	-0.694	-1.618
31677_at	---	---	-0.694	-1.618
32993_s_at	51364	*ZMYND10*	-0.694	-1.618
39469_s_at	51761	*ATP8A2*	-0.695	-1.618
32267_at	25850	*ZNF345*	-0.695	-1.618
34606_s_at	11016	*ATF7*	-0.695	-1.619
801_at	5784	*PTPN14*	-0.695	-1.619
39942_at	10538	*BATF*	-0.695	-1.619
36837_at	11004	*KIF2C*	-0.695	-1.619
32283_at	3423	*IDS*	-0.695	-1.619
34109_at	5625	*PRODH*	-0.695	-1.619
1245_i_at	5062	*PAK2*	-0.696	-1.620
33590_at	---	---	-0.696	-1.620
41509_at	3313	*HSPA9*	-0.697	-1.621
31501_at	---	---	-0.697	-1.621
33687_at	116829	*CG012*	-0.697	-1.621
1048_at	6258	*RXRG*	-0.697	-1.621
31349_at	10895	*PPBPL2*	-0.697	-1.621
961_at	4763	*NF1*	-0.697	-1.621
35095_r_at	11026	*LILRA3*	-0.697	-1.621
31751_f_at	8368	*HIST1H4L*	-0.697	-1.622
36896_s_at	406	*ARNTL*	-0.697	-1.622
34130_at	9515	*STXBP5L*	-0.698	-1.622
31657_at	---	---	-0.698	-1.622
35888_at	6017	*RLBP1*	-0.698	-1.622
33338_at	6772	*STAT1*	-0.698	-1.622
1617_at	7706	*TRIM25*	-0.698	-1.623
35178_at	11197	*WIF1*	-0.699	-1.623
34490_f_at	25794	*FSCN2*	-0.699	-1.623
1082_at	5335	*PLCG1*	-0.699	-1.623
33270_i_at	1657	*DMXL1*	-0.699	-1.623

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
36874_at	1380	*CR2*	-0.699	-1.624
901_g_at	5332	*PLCB4*	-0.699	-1.624
32054_at	905	*CCNT2*	-0.699	-1.624
31490_at	6331	*SCN5A*	-0.699	-1.624
236_at	2775	*GNAO1*	-0.700	-1.625
31968_at	---	---	-0.700	-1.625
41567_at	6939	*TCF15*	-0.700	-1.625
41575_at	2131	*EXT1*	-0.701	-1.625
31937_at	9665	*KIAA0430*	-0.701	-1.625
39313_at	65125	*WNK1*	-0.701	-1.626
35086_at	51066	*C3orf32*	-0.701	-1.626
36725_at	6326	*SCN2A*	-0.701	-1.626
1862_at	472	*ATM*	-0.701	-1.626
36772_at	2792	*GNGT1*	-0.702	-1.627
34418_at	22866	*CNKSR2*	-0.703	-1.627
32132_at	9666	*DZIP3*	-0.703	-1.627
33048_at	54550	*NECAB2*	-0.703	-1.628
36607_at	4668	*NAGA*	-0.703	-1.628
38195_at	9678	*PHF14*	-0.703	-1.628
41721_at	3817	*KLK2*	-0.703	-1.628
32640_at	3383	*ICAM1*	-0.703	-1.628
32645_at	9659	*PDE4DIP*	-0.704	-1.629
41546_at	---	---	-0.704	-1.629
1978_at	3673	*ITGA2*	-0.704	-1.629
41673_at	2257	*FGF12*	-0.704	-1.629
35312_at	4171	*MCM2*	-0.704	-1.629
41858_at	27315	*PGAP2*	-0.704	-1.630
39320_at	834	*CASP1*	-0.705	-1.630
31487_at	9637	*FEZ2*	-0.705	-1.630
38243_at	4684	*NCAM1*	-0.705	-1.630
36343_at	7093	*TLL2*	-0.705	-1.631
557_s_at	6753	*SSTR3*	-0.705	-1.631
35487_at	676	*BRDT*	-0.705	-1.631
35957_at	8303	*SNN*	-0.706	-1.631
32280_at	2572	*GAD2*	-0.706	-1.631
31461_at	---	---	-0.706	-1.631
1859_s_at	4193	*MDM2*	-0.706	-1.632
181_g_at	79143	*MBOAT7*	-0.706	-1.632
1428_at	7068	*THRB*	-0.707	-1.632
38519_at	9971	*NR1H4*	-0.708	-1.633
41302_at	10768	*AHCYL1*	-0.708	-1.633
1619_g_at	1588	*CYP19A1*	-0.709	-1.634
1437_at	5578	*PRKCA*	-0.710	-1.636
33356_at	55534	*MAML3*	-0.710	-1.636
36305_at	6531	*SLC6A3*	-0.710	-1.636
35557_at	65243	*ZNF643*	-0.710	-1.636
31745_at	4584	*MUC3A*	-0.710	-1.636
34619_at	1823	*DSC1*	-0.710	-1.636

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
33953_at	---	---	-0.711	-1.637
35314_at	9918	*NCAPD2*	-0.712	-1.638
31507_at	8085	*MLL2*	-0.712	-1.638
34888_at	3074	*HEXB*	-0.713	-1.639
740_at	3359	*HTR3A*	-0.713	-1.639
36363_at	7368	*UGT8*	-0.713	-1.639
33354_at	64750	*SMURF2*	-0.713	-1.640
37727_i_at	5955	*RCN2*	-0.713	-1.640
31513_at	10660	*LBX1*	-0.713	-1.640
33475_at	8502	*PKP4*	-0.714	-1.640
38168_at	8821	*INPP4B*	-0.714	-1.640
40929_at	26118	*WSB1*	-0.714	-1.640
686_s_at	---	---	-0.714	-1.641
32500_at	---	---	-0.714	-1.641
36293_at	10663	*CXCR6*	-0.715	-1.641
37409_at	6733	*SRPK2*	-0.715	-1.641
31963_at	390502	*SERPINA2*	-0.715	-1.641
41157_at	5887	*RAD23B*	-0.715	-1.642
40654_at	5191	*PEX7*	-0.715	-1.642
34562_at	10773	*ZBTB6*	-0.715	-1.642
35432_at	10001	*MED6*	-0.716	-1.642
35192_at	2731	*GLDC*	-0.716	-1.642
1526_i_at	2253	*FGF8*	-0.716	-1.642
33289_f_at	10127	*ZNF263*	-0.716	-1.643
680_s_at	5949	*RBP3*	-0.716	-1.643
35029_at	11074	*TRIM31*	-0.716	-1.643
39984_g_at	11146	*GLMN*	-0.716	-1.643
31683_at	---	---	-0.716	-1.643
37282_at	4085	*MAD2L1*	-0.717	-1.644
34569_at	6664	*SOX11*	-0.717	-1.644
31533_s_at	3752	*KCND3*	-0.718	-1.645
34528_at	157627	*LOC157627*	-0.718	-1.645
32929_at	57171	*DOLPP1*	-0.718	-1.645
36200_at	10919	*EHMT2*	-0.718	-1.645
39481_at	79071	*ELOVL6*	-0.718	-1.645
33579_i_at	8484	*GALR3*	-0.719	-1.646
33127_at	4017	*LOXL2*	-0.719	-1.646
38484_at	6616	*SNAP25*	-0.719	-1.646
39936_at	1231	*CCR2*	-0.719	-1.646
33588_at	80342	*TRAF3IP3*	-0.720	-1.647
40991_at	---	---	-0.720	-1.647
112_g_at	6872	*TAF1*	-0.720	-1.647
135_g_at	10152	*ABI2*	-0.720	-1.647
33190_g_at	---	---	-0.721	-1.648
34273_at	5999	*RGS4*	-0.721	-1.648
34456_s_at	2736	*GLI2*	-0.721	-1.648
33204_at	2297	*FOXD1*	-0.721	-1.649
36077_at	11020	*RABL4*	-0.722	-1.649

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
33767_at	4744	*NEFH*	-0.722	-1.650
1267_at	5583	*PRKCH*	-0.722	-1.650
31628_at	6564	*SLC15A1*	-0.722	-1.650
37499_at	387104	*C6orf174*	-0.722	-1.650
38144_at	201626	*PDE12*	-0.722	-1.650
37018_at	3006	*HIST1H1C*	-0.722	-1.650
33536_at	5593	*PRKG2*	-0.722	-1.650
37774_at	---	*40427*	-0.723	-1.650
32900_at	85360	*SYDE1*	-0.723	-1.651
31658_at	50674	*NEUROG3*	-0.724	-1.651
37568_at	2915	*GRM5*	-0.724	-1.652
35901_at	9271	*PIWIL1*	-0.724	-1.652
37845_at	3071	*NCKAP1L*	-0.724	-1.652
41326_at	3777	*KCNK3*	-0.724	-1.652
39373_at	3992	*FADS1*	-0.724	-1.652
35097_at	4113	*MAGEB2*	-0.724	-1.652
33294_at	23016	*EXOSC7*	-0.724	-1.652
37798_at	11160	*ERLIN2*	-0.725	-1.652
36990_at	7345	*UCHL1*	-0.725	-1.653
32193_at	10154	*PLXNC1*	-0.725	-1.653
41305_at	6524	*SLC5A2*	-0.725	-1.653
38246_r_at	---	---	-0.726	-1.654
33459_at	---	---	-0.726	-1.654
31580_at	---	---	-0.726	-1.654
32128_at	6362	*CCL18*	-0.726	-1.654
37432_g_at	9063	*PIAS2*	-0.726	-1.654
39076_s_at	10589	*DRAP1*	-0.726	-1.655
40680_at	54466	*SPIN2A*	-0.727	-1.655
40065_s_at	1739	*DLG1*	-0.727	-1.655
38309_r_at	23154	*NCDN*	-0.727	-1.655
32291_at	23025	*UNC13A*	-0.727	-1.656
40443_at	1500	*CTNND1*	-0.727	-1.656
31555_at	3211	*HOXB1*	-0.728	-1.656
31466_at	3128	*HLA-DRB6*	-0.728	-1.656
40393_at	3201	*HOXA4*	-0.728	-1.657
35875_at	8879	*SGPL1*	-0.729	-1.658
34329_at	5062	*PAK2*	-0.729	-1.658
40021_at	3750	*KCND1*	-0.729	-1.658
1957_s_at	7046	*TGFBR1*	-0.729	-1.658
952_at	2280	*FKBP1A*	-0.729	-1.658
1892_s_at	4914	*NTRK1*	-0.729	-1.658
35515_at	27285	*TEKT2*	-0.729	-1.658
34914_at	9051	*PSTPIP1*	-0.730	-1.658
35137_at	8736	*MYOM1*	-0.731	-1.659
40734_r_at	4488	*MSX2*	-0.731	-1.660
36063_at	57212	*KIAA0495*	-0.731	-1.660
35470_at	3356	*HTR2A*	-0.732	-1.660
37349_r_at	9324	*HMGN3*	-0.732	-1.660

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
864_at	3110	*MNX1*	-0.732	-1.661
39224_at	116984	*ARAP2*	-0.732	-1.661
32478_f_at	6613	*SUMO2*	-0.732	-1.661
38848_at	123887	*ZG16*	-0.732	-1.661
136_at	2853	*GPR31*	-0.733	-1.662
40381_at	22869	*ZNF510*	-0.733	-1.662
1337_s_at	5914	*RARA*	-0.733	-1.662
37714_at	2596	*GAP43*	-0.734	-1.663
34993_at	6444	*SGCD*	-0.734	-1.663
950_at	7095	*SEC62*	-0.734	-1.663
31753_at	---	---	-0.735	-1.664
1088_at	627	*BDNF*	-0.735	-1.664
34034_at	9754	*STARD8*	-0.735	-1.664
40075_at	6857	*SYT1*	-0.735	-1.664
33552_at	6579	*SLCO1A2*	-0.735	-1.665
41317_at	5911	*RAP2A*	-0.735	-1.665
40296_at	54440	*SASH3*	-0.735	-1.665
184_at	187	*APLNR*	-0.735	-1.665
35059_at	---	---	-0.736	-1.665
41623_s_at	51343	*FZR1*	-0.736	-1.666
31329_at	---	---	-0.737	-1.667
39446_s_at	---	---	-0.737	-1.667
32012_at	22990	*PCNX*	-0.737	-1.667
40972_at	208	*AKT2*	-0.737	-1.667
35706_at	9975	*NR1D2*	-0.739	-1.669
36047_at	4750	*NEK1*	-0.739	-1.669
35073_at	6473	*SHOX*	-0.739	-1.669
35833_at	51141	*INSIG2*	-0.740	-1.670
2018_at	2697	*GJA1*	-0.740	-1.670
34911_r_at	57157	*PHTF2*	-0.740	-1.670
1907_at	5933	*RBL1*	-0.740	-1.670
37068_at	7941	*PLA2G7*	-0.740	-1.670
31453_s_at	11024	*LILRA1*	-0.740	-1.670
40178_at	10009	*ZBTB33*	-0.740	-1.671
35660_at	6295	*SAG*	-0.740	-1.671
39931_at	8444	*DYRK3*	-0.740	-1.671
1384_at	5521	*PPP2R2B*	-0.741	-1.671
31661_at	6048	*RNF5*	-0.741	-1.671
1029_s_at	7294	*TXK*	-0.741	-1.672
963_at	3981	*LIG4*	-0.742	-1.672
34007_at	2918	*GRM8*	-0.742	-1.672
33965_at	6346	*CCL1*	-0.743	-1.673
33716_at	57403	*RAB22A*	-0.743	-1.673
380_at	6910	*TBX5*	-0.743	-1.673
39871_at	27288	*RBMXL2*	-0.743	-1.674
32637_r_at	23049	*SMG1*	-0.743	-1.674
34625_at	3906	*LALBA*	-0.743	-1.674
35459_at	6003	*RGS13*	-0.743	-1.674

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39410_at	8853	*ASAP2*	-0.744	-1.674
35188_at	9855	*FARP2*	-0.744	-1.674
32312_at	7169	*TPM2*	-0.744	-1.675
34696_at	26275	*HIBCH*	-0.745	-1.675
41239_r_at	1520	*CTSS*	-0.745	-1.676
36283_at	1656	*DDX6*	-0.745	-1.676
515_s_at	868	*CBLB*	-0.746	-1.677
1828_s_at	2247	*FGF2*	-0.746	-1.677
33724_at	672	*BRCA1*	-0.746	-1.677
32446_at	6870	*TACR3*	-0.747	-1.678
39247_at	368	*ABCC6*	-0.747	-1.678
1480_at	3308	*HSPA4*	-0.747	-1.679
32908_at	29855	*UBN1*	-0.748	-1.679
32345_at	4916	*NTRK3*	-0.748	-1.679
33972_r_at	1618	*DAZL*	-0.748	-1.679
616_s_at	7067	*THRA*	-0.748	-1.680
37592_at	1160	*CKMT2*	-0.748	-1.680
39075_at	4758	*NEU1*	-0.749	-1.680
38015_at	3184	*HNRNPD*	-0.749	-1.680
34118_at	482	*ATP1B2*	-0.749	-1.680
32292_at	10584	*COLEC10*	-0.749	-1.681
36086_at	902	*CCNH*	-0.750	-1.681
37840_at	1259	*CNGA1*	-0.750	-1.682
33064_at	786	*CACNG1*	-0.750	-1.682
1264_at	5771	*PTPN2*	-0.750	-1.682
35106_at	881	*CCIN*	-0.751	-1.683
1123_at	2692	*GHRHR*	-0.751	-1.683
279_at	3164	*NR4A1*	-0.751	-1.683
1223_at	5129	*PCTK3*	-0.751	-1.684
34107_at	5208	*PFKFB2*	-0.752	-1.684
31976_at	4225	*MEP1B*	-0.752	-1.684
1236_s_at	4763	*NF1*	-0.752	-1.684
32131_at	9666	*DZIP3*	-0.752	-1.684
39878_at	5101	*PCDH9*	-0.753	-1.685
35046_at	---	---	-0.753	-1.685
32188_at	4661	*MYT1*	-0.753	-1.685
1869_at	7015	*TERT*	-0.753	-1.685
34710_r_at	---	---	-0.753	-1.686
1559_at	5062	*PAK2*	-0.754	-1.687
1133_at	2020	*EN2*	-0.755	-1.687
36385_at	56252	*YLPM1*	-0.756	-1.688
38297_at	9600	*PITPNM1*	-0.756	-1.689
32884_at	51230	*PHF20*	-0.756	-1.689
39535_at	3166	*HMX1*	-0.757	-1.690
33035_at	261726	*TIPRL*	-0.757	-1.690
36466_at	1837	*DTNA*	-0.758	-1.691
41843_r_at	84272	*YIPF4*	-0.758	-1.691
35538_at	25774	*GSTTP1*	-0.758	-1.691

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
32155_at	7020	*TFAP2A*	-0.758	-1.692
34962_at	---	---	-0.759	-1.692
37058_at	7363	*UGT2B4*	-0.759	-1.692
35051_at	765	*CA6*	-0.759	-1.692
38856_at	57188	*ADAMTSL3*	-0.759	-1.692
34504_at	6694	*SPP2*	-0.759	-1.692
41472_at	60489	*APOBEC3G*	-0.759	-1.693
33445_at	18	*ABAT*	-0.759	-1.693
35541_r_at	---	---	-0.760	-1.694
33145_at	2175	*FANCA*	-0.760	-1.694
710_at	5034	*P4HB*	-0.760	-1.694
38940_at	57405	*SPC25*	-0.761	-1.694
36871_at	2038	*EPB42*	-0.761	-1.694
31606_at	22999	*RIMS1*	-0.761	-1.694
32375_at	56145	*PCDHA3*	-0.761	-1.695
32504_at	81609	*SNX27*	-0.761	-1.695
1801_at	580	*BARD1*	-0.761	-1.695
35894_at	1378	*CR1*	-0.761	-1.695
35943_s_at	2553	*GABPB1*	-0.761	-1.695
35256_at	8884	*SLC5A6*	-0.762	-1.695
1800_g_at	2072	*ERCC4*	-0.762	-1.695
36277_at	916	*CD3E*	-0.762	-1.696
41774_at	379	*ARL4D*	-0.763	-1.697
41857_r_at	171586	*ABHD3*	-0.763	-1.697
32147_at	10160	*FARP1*	-0.763	-1.697
40457_at	6428	*SFRS3*	-0.763	-1.697
39087_at	5349	*FXYD3*	-0.763	-1.697
1436_at	1565	*CYP2D6*	-0.763	-1.697
1259_at	7571	*ZNF23*	-0.763	-1.697
35763_at	23218	*NBEAL2*	-0.763	-1.697
41558_s_at	57476	*GRAMD1B*	-0.763	-1.697
37803_at	---	---	-0.764	-1.699
37285_at	212	*ALAS2*	-0.765	-1.699
40059_r_at	10611	*PDLIM5*	-0.765	-1.699
40658_r_at	9370	*ADIPOQ*	-0.765	-1.699
40526_at	84444	*DOT1L*	-0.765	-1.699
33384_at	831	*CAST*	-0.766	-1.700
196_s_at	838	*CASP5*	-0.766	-1.701
39413_at	4983	*OPHN1*	-0.767	-1.701
39627_at	8411	*EEA1*	-0.767	-1.702
1213_at	6733	*SRPK2*	-0.768	-1.703
39652_at	6375	*XCL1*	-0.768	-1.703
313_at	2957	*GTF2A1*	-0.769	-1.704
33498_at	5969	*REG1P*	-0.769	-1.704
37080_at	5279	*PIGC*	-0.769	-1.705
39161_at	64149	*C17orf75*	-0.769	-1.705
AFFX-BioB-3_st	---	---	-0.770	-1.705
38645_at	25852	*ARMC8*	-0.770	-1.705

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
36316_r_at	23233	*EXOC6B*	-0.770	-1.706
35417_at	8029	*CUBN*	-0.771	-1.706
39609_at	6493	*SIM2*	-0.771	-1.706
871_s_at	3131	*HLF*	-0.771	-1.706
31506_s_at	1667	*DEFA1*	-0.772	-1.707
1172_at	6303	*SAT1*	-0.772	-1.707
35907_at	899	*CCNF*	-0.772	-1.707
33216_at	6183	*MRPS12*	-0.772	-1.708
39066_at	4239	*MFAP4*	-0.772	-1.708
1838_g_at	22800	*RRAS2*	-0.772	-1.708
33966_at	3574	*IL7*	-0.772	-1.708
40880_r_at	1182	*CLCN3*	-0.772	-1.708
35921_at	3044	*HBBP1*	-0.772	-1.708
35603_at	647979	*LOC647979*	-0.772	-1.708
37688_f_at	2212	*FCGR2A*	-0.773	-1.708
32301_at	2977	*GUCY1A2*	-0.773	-1.709
32686_at	5733	*PTGER3*	-0.773	-1.709
34178_at	9278	*ZBTB22*	-0.774	-1.710
34100_at	---	---	-0.774	-1.710
38536_at	9824	*ARHGAP11A*	-0.774	-1.710
33126_at	55830	*GLT8D1*	-0.774	-1.710
40940_at	9217	*VAPB*	-0.775	-1.711
33979_at	6037	*RNASE3*	-0.775	-1.711
35924_at	3631	*INPP4A*	-0.776	-1.712
31662_at	11311	*VPS45*	-0.776	-1.712
38339_at	8424	*BBOX1*	-0.776	-1.712
37137_at	3002	*GZMB*	-0.776	-1.713
35718_at	3431	*SP110*	-0.777	-1.713
37794_at	155060	*ZNF783*	-0.777	-1.714
987_g_at	1588	*CYP19A1*	-0.778	-1.714
40148_at	323	*APBB2*	-0.778	-1.715
38902_r_at	1386	*ATF2*	-0.778	-1.715
40305_r_at	10026	*PIGK*	-0.778	-1.715
40097_at	9086	*EIF1AY*	-0.778	-1.715
31725_s_at	20	*ABCA2*	-0.779	-1.715
31526_f_at	9098	*USP6*	-0.779	-1.716
40744_at	5893	*RAD52*	-0.779	-1.716
35280_at	3918	*LAMC2*	-0.779	-1.716
39191_at	---	---	-0.780	-1.717
1159_at	3574	*IL7*	-0.780	-1.717
36682_at	5108	*PCM1*	-0.780	-1.717
36323_at	2554	*GABRA1*	-0.780	-1.718
33776_at	25950	*RWDD3*	-0.781	-1.718
34179_at	9278	*ZBTB22*	-0.781	-1.718
32050_r_at	6924	*TCEB3*	-0.781	-1.718
36022_at	9829	*DNAJC6*	-0.781	-1.718
35009_at	4036	*LRP2*	-0.782	-1.719
34805_at	79080	*CCDC86*	-0.782	-1.720

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
32972_at	27035	*NOX1*	-0.783	-1.720
32346_at	---	---	-0.783	-1.721
32688_at	5733	*PTGER3*	-0.783	-1.721
33497_at	6340	*SCNN1G*	-0.783	-1.721
37066_at	5657	*PRTN3*	-0.784	-1.722
34019_at	1136	*CHRNA3*	-0.784	-1.722
38295_at	5089	*PBX2*	-0.784	-1.722
34481_at	7409	*VAV1*	-0.785	-1.723
36026_at	5224	*PGAM2*	-0.785	-1.723
2007_g_at	3718	*JAK3*	-0.785	-1.723
35951_at	9369	*NRXN3*	-0.785	-1.723
39273_at	10178	*ODZ1*	-0.785	-1.724
38002_s_at	775	*CACNA1C*	-0.786	-1.724
34140_at	81698	*C15orf5*	-0.786	-1.724
1369_s_at	3576	*IL8*	-0.787	-1.726
842_at	23613	*ZMYND8*	-0.787	-1.726
32093_at	26038	*CHD5*	-0.788	-1.727
33430_at	25941	*C18orf10*	-0.788	-1.727
31519_f_at	689	*BTF3*	-0.788	-1.727
41261_at	26097	*C1orf77*	-0.788	-1.727
33203_s_at	2297	*FOXD1*	-0.789	-1.728
485_at	50846	*DHH*	-0.790	-1.729
1113_at	650	*BMP2*	-0.790	-1.729
36603_at	10985	*GCN1L1*	-0.790	-1.729
36228_at	10249	*GLYAT*	-0.790	-1.729
32910_at	80853	*JHDM1D*	-0.790	-1.729
38059_g_at	1805	*DPT*	-0.790	-1.729
33528_at	9834	*KIAA0125*	-0.791	-1.730
35084_at	268	*AMH*	-0.791	-1.730
35539_at	3617	*IMPG1*	-0.792	-1.731
32680_at	23043	*TNIK*	-0.794	-1.734
37868_s_at	4340	*MOG*	-0.794	-1.734
1215_at	2690	*GHR*	-0.794	-1.734
33477_at	142684	*RAB40A*	-0.795	-1.735
36352_at	54626	*HES2*	-0.795	-1.736
36362_at	6559	*SLC12A3*	-0.796	-1.736
38304_r_at	9365	*KL*	-0.799	-1.740
36851_g_at	7991	*TUSC3*	-0.799	-1.740
37050_r_at	10953	*TOMM34*	-0.800	-1.741
37470_at	3903	*LAIR1*	-0.800	-1.741
31918_at	5629	*PROX1*	-0.800	-1.742
40368_r_at	1370	*CPN2*	-0.801	-1.742
35215_at	51574	*LARP7*	-0.801	-1.742
36288_at	3887	*KRT81*	-0.801	-1.743
1523_g_at	8711	*TNK1*	-0.802	-1.743
AFFX-BioB-M_st	---	---	-0.802	-1.744
31308_at	---	---	-0.802	-1.744
35564_at	---	---	-0.802	-1.744

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
37170_at	55589	*BMP2K*	-0.802	-1.744
34717_s_at	10772	*FUSIP1*	-0.803	-1.744
34623_at	1670	*DEFA5*	-0.803	-1.745
1829_at	7515	*XRCC1*	-0.803	-1.745
36757_at	---	---	-0.804	-1.746
31309_r_at	---	---	-0.804	-1.747
34502_g_at	860	*RUNX2*	-0.806	-1.748
1157_s_at	3454	*IFNAR1*	-0.806	-1.748
866_at	7057	*THBS1*	-0.807	-1.749
39309_at	624	*BDKRB2*	-0.807	-1.749
36072_at	7743	*ZNF189*	-0.807	-1.749
36297_at	466	*ATF1*	-0.807	-1.750
31667_r_at	10002	*NR2E3*	-0.808	-1.751
38914_at	9836	*LCMT2*	-0.808	-1.751
36700_at	56062	*KLHL4*	-0.809	-1.751
34903_at	222255	*ATXN7L1*	-0.810	-1.753
38163_at	9699	*RIMS2*	-0.811	-1.754
34726_at	784	*CACNB3*	-0.811	-1.754
34580_at	4985	*OPRD1*	-0.811	-1.755
31999_at	19	*ABCA1*	-0.811	-1.755
40400_at	134	*ADORA1*	-0.812	-1.756
34120_r_at	---	---	-0.812	-1.756
31445_at	6464	*SHC1*	-0.812	-1.756
35246_at	7301	*TYRO3*	-0.812	-1.756
31876_r_at	22872	*SEC31A*	-0.813	-1.756
32627_at	26953	*RANBP6*	-0.814	-1.758
502_s_at	3198	*HOXA1*	-0.814	-1.758
139_at	9229	*DLGAP1*	-0.814	-1.758
37155_at	26047	*CNTNAP2*	-0.815	-1.759
2048_s_at	7068	*THRB*	-0.815	-1.759
33847_s_at	1027	*CDKN1B*	-0.815	-1.759
31883_at	4552	*MTRR*	-0.815	-1.760
37093_at	8909	*P11*	-0.816	-1.760
41706_at	23600	*AMACR*	-0.816	-1.760
36906_at	1268	*CNR1*	-0.816	-1.760
257_at	3685	*ITGAV*	-0.816	-1.761
1414_at	---	---	-0.816	-1.761
39982_r_at	4481	*MSR1*	-0.817	-1.761
31646_at	10941	*UGT2A1*	-0.817	-1.761
33512_at	2981	*GUCA2B*	-0.817	-1.762
33572_at	7718	*ZNF165*	-0.817	-1.762
35950_at	6756	*SSX1*	-0.818	-1.762
34009_at	30848	*CTAG2*	-0.818	-1.763
34134_at	---	---	-0.818	-1.763
32945_i_at	4153	*MBL2*	-0.819	-1.764
41023_at	731	*C8A*	-0.819	-1.764
33044_f_at	2016	*EMX1*	-0.819	-1.764
38322_at	9506	*PAGE4*	-0.820	-1.765

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34576_at	4107	*MAGEA8*	-0.820	-1.765
32516_at	23473	*CAPN7*	-0.820	-1.766
1203_at	3624	*INHBA*	-0.820	-1.766
36499_at	1952	*CELSR2*	-0.821	-1.767
36804_at	3620	*IDO1*	-0.821	-1.767
39882_at	1678	*TIMM8A*	-0.821	-1.767
1487_at	2101	*ESRRA*	-0.822	-1.768
33214_at	6183	*MRPS12*	-0.822	-1.768
39848_at	100287107	*LOC100292464*	-0.822	-1.768
35171_at	6683	*SPAST*	-0.822	-1.768
39303_at	8945	*BTRC*	-0.822	-1.768
31348_at	5981	*RFC1*	-0.822	-1.768
369_s_at	7328	*UBE2H*	-0.823	-1.769
35532_i_at	8302	*KLRC4*	-0.823	-1.769
32599_at	7248	*TSC1*	-0.823	-1.769
35011_at	23072	*HECW1*	-0.823	-1.769
39488_at	5101	*PCDH9*	-0.823	-1.770
31834_r_at	23305	*ACSL6*	-0.824	-1.770
36381_at	---	---	-0.824	-1.770
37950_at	5550	*PREP*	-0.824	-1.770
35389_s_at	23460	*ABCA6*	-0.824	-1.771
38934_at	---	---	-0.824	-1.771
36281_at	4807	*NHLH1*	-0.824	-1.771
41072_at	859	*CAV3*	-0.825	-1.771
39396_at	10434	*LYPLA1*	-0.825	-1.771
35236_g_at	8434	*RECK*	-0.825	-1.772
34059_at	5820	*PVT1*	-0.825	-1.772
35580_at	107	*ADCY1*	-0.826	-1.772
36470_s_at	1837	*DTNA*	-0.826	-1.773
1533_at	10111	*RAD50*	-0.826	-1.773
41373_s_at	4131	*MAP1B*	-0.826	-1.773
665_at	6787	*NEK4*	-0.827	-1.774
34253_at	23279	*NUP160*	-0.828	-1.775
36396_at	---	---	-0.828	-1.775
40237_at	7262	*PHLDA2*	-0.828	-1.776
1302_s_at	4324	*MMP15*	-0.830	-1.777
37787_at	92973	*LOC92973*	-0.831	-1.778
36340_at	7586	*ZKSCAN1*	-0.831	-1.778
38611_at	3990	*LIPC*	-0.831	-1.778
39880_at	100294335	*LOC100294335*	-0.831	-1.779
39089_at	4833	*NME4*	-0.831	-1.779
38008_at	27065	*D4S234E*	-0.831	-1.779
36801_at	2796	*GNRH1*	-0.831	-1.779
37975_at	1536	*CYBB*	-0.832	-1.780
37826_at	7321	*UBE2D1*	-0.832	-1.780
358_at	27334	*P2RY10*	-0.834	-1.782
36234_at	1973	*EIF4A1*	-0.834	-1.782
31334_at	11250	*GPR45*	-0.834	-1.783

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
31392_r_at	711	*C3orf51*	-0.834	-1.783
34297_at	2861	*GPR37*	-0.835	-1.783
32370_at	2999	*GZMH*	-0.835	-1.783
32187_at	55251	*PCMTD2*	-0.835	-1.784
35390_at	23460	*ABCA6*	-0.836	-1.785
38572_at	11116	*FGFR1OP*	-0.836	-1.785
35679_s_at	1804	*DPP6*	-0.836	-1.786
41477_at	3769	*KCNJ13*	-0.836	-1.786
36884_at	9332	*CD163*	-0.837	-1.787
31763_at	26659	*OR7A5*	-0.837	-1.787
35103_i_at	4004	*LMO1*	-0.838	-1.787
31654_at	22986	*SORCS3*	-0.838	-1.787
36353_at	54626	*HES2*	-0.838	-1.787
31441_at	643332	*LOC643332*	-0.839	-1.788
39233_at	4361	*MRE11A*	-0.839	-1.789
31499_s_at	2215	*FCGR3B*	-0.839	-1.789
39935_at	6498	*SKIL*	-0.839	-1.789
41304_at	8828	*NRP2*	-0.840	-1.789
33122_at	6001	*RGS10*	-0.840	-1.790
1186_at	2662	*GDF10*	-0.840	-1.790
32705_at	1551	*CYP3A7*	-0.840	-1.790
33478_at	7142	*TNP2*	-0.840	-1.791
36049_at	51560	*RAB6B*	-0.840	-1.791
34624_at	1030	*CDKN2B*	-0.840	-1.791
34096_at	22995	*CEP152*	-0.841	-1.791
32942_at	29906	*ST8SIA5*	-0.841	-1.791
39881_at	284439	*SLC25A42*	-0.841	-1.791
1299_at	7014	*TERF2*	-0.841	-1.791
37862_at	1629	*DBT*	-0.841	-1.791
563_at	3593	*IL12B*	-0.842	-1.793
35386_at	100127899	*LOC100127899*	-0.843	-1.794
32596_at	5934	*RBL2*	-0.843	-1.794
35317_at	10724	*MGEA5*	-0.843	-1.794
36433_at	8001	*GLRA3*	-0.843	-1.794
846_s_at	578	*BAK1*	-0.845	-1.797
41368_at	64849	*SLC13A3*	-0.846	-1.797
40311_at	7036	*TFR2*	-0.846	-1.798
34734_at	3998	*LMAN1*	-0.847	-1.798
31887_at	548596	*CKMT1A*	-0.847	-1.799
39384_at	1994	*ELAVL1*	-0.847	-1.799
34673_r_at	50810	*HDGFRP3*	-0.847	-1.799
36797_at	---	---	-0.848	-1.799
31920_at	50937	*CDON*	-0.848	-1.800
33764_at	9568	*GABBR2*	-0.849	-1.801
37368_at	4776	*NFATC4*	-0.849	-1.801
40632_at	2812	*GP1BB*	-0.849	-1.802
41182_at	1638	*DCT*	-0.850	-1.803
32676_at	4329	*ALDH6A1*	-0.851	-1.804

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34615_at	3859	*KRT12*	-0.851	-1.804
40029_at	1953	*MEGF6*	-0.852	-1.804
38859_at	25956	*SEC31B*	-0.852	-1.804
1996_s_at	899	*CCNF*	-0.852	-1.805
39952_at	9832	*JAKMIP2*	-0.852	-1.805
1832_at	4163	*MCC*	-0.853	-1.806
39716_at	9553	*MRPL33*	-0.853	-1.807
32170_g_at	23014	*FBXO21*	-0.853	-1.807
978_at	604	*BCL6*	-0.854	-1.807
40748_at	1358	*CPA2*	-0.854	-1.807
34080_at	10004	*NAALADL1*	-0.855	-1.809
39970_at	190	*NR0B1*	-0.855	-1.809
34918_at	6327	*SCN2B*	-0.855	-1.809
34482_at	79441	*HAUS3*	-0.856	-1.810
40713_at	10725	*NFAT5*	-0.856	-1.811
1958_at	2277	*FIGF*	-0.857	-1.811
35908_at	11063	*SOX30*	-0.857	-1.811
31397_at	---	---	-0.857	-1.812
35649_at	1036	*CDO1*	-0.857	-1.812
35052_r_at	---	---	-0.858	-1.812
1017_at	2956	*MSH6*	-0.858	-1.812
1571_f_at	5925	*RB1*	-0.859	-1.814
31307_at	---	---	-0.860	-1.815
32652_g_at	29114	*TAGLN3*	-0.861	-1.816
37804_at	9525	*VPS4B*	-0.862	-1.818
33156_at	3425	*IDUA*	-0.863	-1.818
34037_at	3578	*IL9*	-0.864	-1.820
40392_at	1045	*CDX2*	-0.865	-1.821
33975_at	685	*BTC*	-0.866	-1.822
34612_at	795	*S100G*	-0.867	-1.824
41173_at	---	---	-0.867	-1.824
40662_g_at	8013	*NR4A3*	-0.867	-1.824
37129_at	8620	*NPFF*	-0.867	-1.824
34852_g_at	6790	*AURKA*	-0.868	-1.825
35455_i_at	10168	*ZNF197*	-0.868	-1.825
31433_at	26707	*OR2J2*	-0.869	-1.826
32144_at	5993	*RFX5*	-0.869	-1.826
40179_at	10009	*ZBTB33*	-0.869	-1.826
39679_at	359	*AQP2*	-0.869	-1.827
37889_at	961	*CD47*	-0.870	-1.827
40794_at	354	*KLK3*	-0.870	-1.828
41744_at	10133	*OPTN*	-0.871	-1.828
41069_at	11061	*LECT1*	-0.871	-1.829
AFFX-BioC-5_st	---	---	-0.873	-1.831
1548_s_at	3586	*IL10*	-0.873	-1.832
357_at	10059	*DNM1L*	-0.873	-1.832
31981_at	1417	*CRYBB3*	-0.875	-1.834
33532_at	8092	*ALX1*	-0.875	-1.834

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34961_at	10225	*CD96*	-0.875	-1.835
301_at	---	---	-0.876	-1.835
37208_at	---	---	-0.876	-1.835
35527_at	781	*CACNA2D1*	-0.876	-1.835
36844_at	1795	*DOCK3*	-0.876	-1.835
35040_at	---	---	-0.876	-1.836
39887_at	23426	*GRIP1*	-0.876	-1.836
41392_at	317648	*C4orf10*	-0.876	-1.836
33940_at	54435	*HCG4*	-0.877	-1.836
31754_at	26154	*ABCA12*	-0.878	-1.838
33465_at	155	*ADRB3*	-0.879	-1.839
34136_s_at	26716	*OR2H1*	-0.879	-1.839
35700_at	1106	*CHD2*	-0.881	-1.841
38170_at	---	---	-0.881	-1.841
33550_at	3358	*HTR2C*	-0.882	-1.843
427_f_at	3446	*IFNA10*	-0.883	-1.844
38810_at	10014	*HDAC5*	-0.884	-1.845
38823_s_at	9263	*STK17A*	-0.884	-1.846
41243_at	728661	*RP11-345P4.4*	-0.885	-1.847
33484_at	6045	*RNF2*	-0.886	-1.848
37871_at	3375	*IAPP*	-0.886	-1.848
40527_at	3784	*KCNQ1*	-0.886	-1.848
39610_at	3212	*HOXB2*	-0.887	-1.850
38917_at	6964	*TRD*	-0.888	-1.850
39259_at	---	---	-0.888	-1.850
31899_at	9694	*TTC35*	-0.888	-1.850
36699_at	1826	*DSCAM*	-0.888	-1.851
395_at	---	---	-0.889	-1.852
39761_at	23080	*AVL9*	-0.890	-1.853
31566_at	---	---	-0.890	-1.853
35281_at	3918	*LAMC2*	-0.891	-1.854
38452_at	81614	*NIPA2*	-0.893	-1.857
1694_s_at	3192	*HNRNPU*	-0.894	-1.858
1870_at	5781	*PTPN11*	-0.894	-1.858
33461_at	10371	*SEMA3A*	-0.894	-1.858
40579_at	3267	*AGFG1*	-0.894	-1.858
34205_at	---	---	-0.895	-1.859
32730_at	85453	*TSPYL5*	-0.896	-1.861
41811_f_at	150967	*DKFZp434H1419*	-0.897	-1.862
37225_at	23189	*KANK1*	-0.897	-1.862
34561_at	2206	*MS4A2*	-0.897	-1.863
34035_at	6554	*SLC10A1*	-0.898	-1.864
39584_at	23261	*CAMTA1*	-0.898	-1.864
36820_r_at	4287	*ATXN3*	-0.898	-1.864
39768_at	1267	*CNP*	-0.900	-1.866
33829_at	54741	*LEPROT*	-0.900	-1.866
33551_s_at	3358	*HTR2C*	-0.900	-1.866

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
31650_g_at	26236	*C6orf54*	-0.900	-1.867
37749_at	4232	*MEST*	-0.901	-1.867
31929_at	5991	*RFX3*	-0.901	-1.868
31726_at	2556	*GABRA3*	-0.901	-1.868
1434_at	5728	*PTEN*	-0.904	-1.871
39395_at	7070	*THY1*	-0.904	-1.871
37662_at	7326	*UBE2G1*	-0.904	-1.872
31494_at	---	---	-0.905	-1.872
33540_at	---	---	-0.906	-1.873
34711_at	---	---	-0.906	-1.874
747_at	94015	*TTYH2*	-0.906	-1.874
35699_at	701	*BUB1B*	-0.907	-1.875
40062_s_at	4635	*MYL4*	-0.907	-1.875
1205_at	---	---	-0.907	-1.875
34899_at	146057	*TTBK2*	-0.907	-1.875
36069_at	23380	*SRGAP2*	-0.907	-1.876
34940_at	---	---	-0.908	-1.876
460_at	5316	*PKNOX1*	-0.908	-1.876
34244_r_at	26013	*L3MBTL*	-0.908	-1.877
39613_at	4121	*MAN1A1*	-0.908	-1.877
31922_i_at	---	---	-0.909	-1.877
34144_at	10333	*TLR6*	-0.909	-1.878
32216_r_at	22836	*RHOBTB3*	-0.909	-1.878
35392_g_at	53616	*ADAM22*	-0.909	-1.878
39555_at	3622	*ING2*	-0.910	-1.878
34658_at	5620	*PRM2*	-0.911	-1.881
39177_r_at	1056	*CEL*	-0.911	-1.881
40019_at	2124	*EVI2B*	-0.912	-1.881
38062_at	9771	*RAPGEF5*	-0.912	-1.881
31619_at	---	---	-0.912	-1.882
32938_at	22979	*EFR3B*	-0.912	-1.882
33502_at	---	---	-0.912	-1.882
36375_at	4956	*ODF1*	-0.913	-1.882
33130_at	3231	*HOXD1*	-0.913	-1.883
35859_f_at	5387	*PMS2L3*	-0.917	-1.888
1077_at	5896	*RAG1*	-0.917	-1.889
37782_at	6750	*SST*	-0.919	-1.890
31430_at	---	---	-0.919	-1.891
37502_at	10592	*SMC2*	-0.919	-1.891
1536_at	990	*CDC6*	-0.920	-1.892
37702_at	8452	*CUL3*	-0.921	-1.893
561_at	2492	*FSHR*	-0.921	-1.893
34314_at	6240	*RRM1*	-0.921	-1.893
AFFX-HUMRGE/M10098_5_at	---	---	-0.922	-1.894
35518_at	5506	*PPP1R3A*	-0.922	-1.895
1941_at	6502	*SKP2*	-0.923	-1.896
35612_at	26148	*C10orf12*	-0.924	-1.897

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34552_at	2520	*GAST*	-0.924	-1.897
856_at	920	*CD4*	-0.927	-1.901
1716_at	8844	*KSR1*	-0.928	-1.902
32690_s_at	5733	*PTGER3*	-0.928	-1.903
32285_g_at	6899	*TBX1*	-0.928	-1.903
33742_f_at	51606	*ATP6V1H*	-0.929	-1.904
1319_at	4921	*DDR2*	-0.929	-1.904
38454_g_at	3384	*ICAM2*	-0.931	-1.907
31989_s_at	57576	*KIF17*	-0.932	-1.908
32071_at	23060	*ZNF609*	-0.932	-1.908
37065_f_at	2543	*GAGE1*	-0.933	-1.909
32266_at	1010	*CDH12*	-0.933	-1.910
38301_at	132	*ADK*	-0.935	-1.912
35516_at	284649	*DKFZP564C196*	-0.935	-1.912
34280_at	2564	*GABRE*	-0.936	-1.913
37428_at	22854	*NTNG1*	-0.937	-1.914
36392_at	7694	*ZNF135*	-0.939	-1.917
32916_at	5791	*PTPRE*	-0.940	-1.919
35624_at	22881	*ANKRD6*	-0.945	-1.925
35567_at	25943	*C20orf194*	-0.946	-1.926
37125_f_at	1577	*CYP3A5*	-0.947	-1.927
40259_at	23543	*RBM9*	-0.947	-1.928
33555_at	23547	*LILRA4*	-0.948	-1.929
41217_at	27072	*VPS41*	-0.950	-1.931
41345_at	5813	*PURA*	-0.951	-1.933
36606_at	1363	*CPE*	-0.951	-1.934
1508_at	3680	*ITGA9*	-0.952	-1.934
36313_at	2123	*EVI2A*	-0.952	-1.935
32360_s_at	5297	*PI4KA*	-0.954	-1.937
41666_at	259217	*HSPA12A*	-0.954	-1.938
36824_at	460	*ASTN1*	-0.955	-1.939
32322_at	3746	*KCNC1*	-0.955	-1.939
41016_at	---	---	-0.955	-1.939
34520_at	610	*HCN2*	-0.956	-1.939
34419_at	5890	*RAD51L1*	-0.956	-1.941
38554_at	55973	*BCAP29*	-0.957	-1.941
36743_at	55568	*GALNT10*	-0.959	-1.944
664_at	3579	*IL8RB*	-0.961	-1.947
33596_at	50859	*SPOCK3*	-0.961	-1.947
35412_at	1579	*CYP4A11*	-0.961	-1.947
35395_at	8513	*LIPF*	-0.962	-1.947
1956_s_at	---	---	-0.963	-1.949
34706_at	23269	*MGA*	-0.964	-1.951
36327_at	3758	*KCNJ1*	-0.964	-1.951
34471_at	4626	*MYH8*	-0.965	-1.951
38323_at	54504	*CPVL*	-0.965	-1.952
36855_r_at	2890	*GRIA1*	-0.966	-1.954
32328_at	3891	*KRT85*	-0.969	-1.958

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
38615_at	10562	*OLFM4*	-0.970	-1.958
34749_at	1318	*SLC31A2*	-0.971	-1.961
37635_at	7062	*TCHH*	-0.975	-1.965
159_at	7424	*VEGFC*	-0.975	-1.966
32299_at	10141	*C4orf6*	-0.975	-1.966
34665_g_at	2212	*FCGR2A*	-0.976	-1.966
39604_at	9595	*CYTIP*	-0.976	-1.967
35070_at	6013	*RLN1*	-0.983	-1.976
1701_at	7011	*TEP1*	-0.983	-1.977
31387_at	285299	*FRG2C*	-0.985	-1.979
40611_s_at	51663	*ZFR*	-0.986	-1.981
599_at	3142	*HLX*	-0.989	-1.985
41702_r_at	10621	*POLR3F*	-0.991	-1.987
35610_at	4146	*MATN1*	-0.991	-1.987
38395_at	4719	*NDUFS1*	-0.991	-1.988
39461_s_at	57680	*CHD8*	-0.992	-1.989
31630_at	84991	*RBM17*	-0.994	-1.992
37832_at	25974	*MMACHC*	-0.996	-1.994
40521_at	5863	*RGL2*	-0.998	-1.997
33739_at	400410	*ST20*	-0.998	-1.997
1198_at	1910	*EDNRB*	-0.999	-1.999
41009_at	63982	*ANO3*	-1.000	-2.000
35469_at	3356	*HTR2A*	-1.001	-2.001
32939_g_at	22979	*EFR3B*	-1.004	-2.006
38185_at	5076	*PAX2*	-1.006	-2.008
34572_at	766	*CA7*	-1.007	-2.010
204_at	3201	*HOXA4*	-1.009	-2.013
36261_at	51760	*SYT17*	-1.011	-2.016
34133_at	57826	*RAP2C*	-1.012	-2.017
39321_at	2558	*GABRA5*	-1.012	-2.017
38146_at	9705	*ST18*	-1.012	-2.017
437_at	4314	*MMP3*	-1.013	-2.018
40633_at	22894	*DIS3*	-1.014	-2.019
37388_at	7980	*TFPI2*	-1.014	-2.020
35032_at	5146	*PDE6C*	-1.015	-2.020
35409_r_at	51710	*ZNF44*	-1.017	-2.023
33976_at	3175	*ONECUT1*	-1.017	-2.024
1927_s_at	94	*ACVRL1*	-1.018	-2.025
113_i_at	4137	*MAPT*	-1.020	-2.028
32381_at	6096	*RORB*	-1.021	-2.029
31361_at	---	---	-1.031	-2.043
1328_at	7188	*TRAF5*	-1.031	-2.044
31966_at	1733	*DIO1*	-1.036	-2.051
38486_at	7135	*TNNI1*	-1.036	-2.051
36070_at	57214	*KIAA1199*	-1.038	-2.054
1504_s_at	2257	*FGF12*	-1.039	-2.054
1283_at	9175	*MAP3K13*	-1.039	-2.055
33088_at	3756	*KCNH1*	-1.039	-2.055

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
39656_at	9628	*RGS6*	-1.041	-2.057
36850_at	7991	*TUSC3*	-1.043	-2.060
32584_at	5714	*PSMD8*	-1.043	-2.060
40208_at	---	---	-1.044	-2.062
37059_at	2646	*GCKR*	-1.044	-2.062
39117_at	5253	*PHF2*	-1.045	-2.064
33578_at	8326	*FZD9*	-1.046	-2.065
36016_at	378708	*APITD1*	-1.047	-2.066
34666_at	6648	*SOD2*	-1.052	-2.073
36478_at	7270	*TTF1*	-1.053	-2.075
35728_at	54963	*UCKL1*	-1.053	-2.075
36794_at	58500	*ZNF250*	-1.055	-2.077
1282_s_at	2011	*MARK2*	-1.056	-2.079
34955_at	10257	*ABCC4*	-1.057	-2.080
41486_at	11228	*RASSF8*	-1.061	-2.086
31639_f_at	6656	*SOX1*	-1.063	-2.089
1193_at	7337	*UBE3A*	-1.064	-2.090
41576_at	---	---	-1.065	-2.093
36513_at	8076	*MFAP5*	-1.066	-2.093
39618_at	1404	*HAPLN1*	-1.066	-2.094
1281_f_at	2872	*MKNK2*	-1.066	-2.094
32152_at	286	*ANK1*	-1.067	-2.095
36787_at	2623	*GATA1*	-1.068	-2.096
35528_at	7456	*WIPF1*	-1.068	-2.097
33934_at	26054	*SENP6*	-1.071	-2.101
36622_at	2266	*FGG*	-1.072	-2.102
32041_r_at	988	*CDC5L*	-1.072	-2.103
40342_at	1617	*DAZ1*	-1.073	-2.104
40340_at	57150	*C6orf162*	-1.074	-2.106
37644_s_at	355	*FAS*	-1.079	-2.113
38159_at	---	---	-1.082	-2.117
34013_f_at	5449	*POU1F1*	-1.083	-2.119
31543_at	58503	*PROL1*	-1.086	-2.124
31815_r_at	4037	*LRP3*	-1.088	-2.126
36889_at	2207	*FCER1G*	-1.093	-2.133
346_s_at	185	*AGTR1*	-1.093	-2.134
38509_at	4193	*MDM2*	-1.094	-2.134
41012_r_at	11069	*RAPGEF4*	-1.094	-2.134
1066_at	3594	*IL12RB1*	-1.094	-2.135
32014_at	8749	*ADAM18*	-1.096	-2.138
1755_i_at	1576	*CYP3A4*	-1.098	-2.140
32270_g_at	9223	*MAGI1*	-1.098	-2.140
33793_at	6942	*TCF20*	-1.103	-2.148
34043_at	84830	*C6orf105*	-1.105	-2.152
1510_g_at	4325	*MMP16*	-1.105	-2.152
41299_f_at	29105	*C16orf80*	-1.108	-2.156
37456_at	3957	*LGALS2*	-1.110	-2.159
40270_at	8621	*CDC2L5*	-1.111	-2.161

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
35440_g_at	7536	*SF1*	-1.120	-2.173
33250_at	9277	*WDR46*	-1.120	-2.174
35426_at	56928	*SPPL2B*	-1.125	-2.181
33000_at	26762	*HAVCR1*	-1.131	-2.191
34686_at	108	*ADCY2*	-1.131	-2.191
37824_at	22852	*ANKRD26*	-1.132	-2.191
37505_at	8431	*NR0B2*	-1.133	-2.193
38514_at	3543	*IGLL1*	-1.134	-2.195
39289_at	285672	*SFRS12IP1*	-1.135	-2.196
38130_s_at	2710	*GK*	-1.137	-2.199
35464_at	3589	*IL11*	-1.139	-2.202
38631_at	7127	*TNFAIP2*	-1.143	-2.208
39726_at	2641	*GCG*	-1.145	-2.212
36843_at	6494	*SIPA1*	-1.147	-2.215
35824_at	10472	*ZNF238*	-1.148	-2.216
40884_g_at	8675	*STX16*	-1.149	-2.217
32471_at	7253	*TSHR*	-1.151	-2.221
35495_at	2957	*GTF2A1*	-1.154	-2.225
31493_s_at	1442	*CSH1*	-1.173	-2.254
41607_at	5016	*OVGP1*	-1.173	-2.255
1900_at	5925	*RB1*	-1.177	-2.261
1872_at	5888	*RAD51*	-1.178	-2.263
34377_at	477	*ATP1A2*	-1.178	-2.263
40554_at	27333	*GOLIM4*	-1.182	-2.269
33517_f_at	4102	*MAGEA3*	-1.183	-2.271
32083_at	7107	*GPR137B*	-1.186	-2.275
39252_at	8801	*SUCLG2*	-1.186	-2.276
645_at	3306	*HSPA2*	-1.187	-2.276
34124_at	54516	*MTRF1L*	-1.187	-2.277
35529_at	11181	*TREH*	-1.189	-2.280
1349_at	---	---	-1.190	-2.282
32943_at	1621	*DBH*	-1.191	-2.283
39612_at	157562	*LOC157562*	-1.191	-2.284
40040_at	7982	*ST7*	-1.192	-2.285
748_s_at	4601	*MXI1*	-1.193	-2.286
35066_g_at	55109	*AGGF1*	-1.193	-2.287
962_at	660	*BMX*	-1.200	-2.297
36064_at	3785	*KCNQ2*	-1.210	-2.313
35673_at	7984	*ARHGEF5*	-1.212	-2.317
33286_at	2021	*ENDOG*	-1.214	-2.320
41014_s_at	5308	*PITX2*	-1.215	-2.321
881_at	3694	*ITGB6*	-1.215	-2.322
34227_i_at	10216	*PRG4*	-1.218	-2.327
32303_at	2117	*ETV3*	-1.219	-2.327
702_f_at	55545	*MSX2P1*	-1.220	-2.330
39828_at	10123	*ARL4C*	-1.237	-2.357
1895_at	3725	*JUN*	-1.240	-2.362
38938_at	---	---	-1.241	-2.363

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
246_at	3816	*KLK1*	-1.245	-2.370
33962_at	5251	*PHEX*	-1.247	-2.374
32489_at	2904	*GRIN2B*	-1.250	-2.379
33983_at	9398	*IGSF2*	-1.258	-2.392
36691_at	883	*CCBL1*	-1.269	-2.411
32470_at	2694	*GIF*	-1.270	-2.411
1607_at	1030	*CDKN2B*	-1.271	-2.414
38825_at	2243	*FGA*	-1.273	-2.416
38199_at	90806	*ANGEL2*	-1.275	-2.420
38870_at	2675	*GFRA2*	-1.287	-2.441
33955_at	3592	*IL12A*	-1.291	-2.446
39518_at	133619	*PRRC1*	-1.292	-2.449
1834_at	11245	*GPR176*	-1.299	-2.461
37524_at	9262	*STK17B*	-1.303	-2.467
33003_at	8440	*NCK2*	-1.306	-2.473
36270_at	942	*CD86*	-1.308	-2.477
36357_at	112479	*ERI2*	-1.309	-2.477
34709_r_at	10735	*STAG2*	-1.311	-2.480
38004_at	1464	*CSPG4*	-1.329	-2.512
38289_r_at	4763	*NF1*	-1.334	-2.521
31890_s_at	7702	*ZNF143*	-1.336	-2.525
32890_at	1630	*DCC*	-1.337	-2.526
31919_at	29909	*GPR171*	-1.341	-2.533
39966_at	10675	*CSPG5*	-1.344	-2.539
40484_g_at	10485	*C1orf61*	-1.351	-2.551
37525_at	57119	*SPINLW1*	-1.351	-2.552
34815_at	57634	*EP400*	-1.356	-2.560
33938_g_at	23333	*DPY19L1*	-1.366	-2.578
38907_at	---	---	-1.370	-2.585
701_s_at	3640	*INSL3*	-1.371	-2.586
39718_r_at	9553	*MRPL33*	-1.374	-2.591
1361_at	7013	*TERF1*	-1.379	-2.602
206_at	1510	*CTSE*	-1.381	-2.604
41794_at	5149	*PDE6H*	-1.388	-2.617
40496_at	716	*C1S*	-1.389	-2.618
530_at	4796	*NFKBIL2*	-1.393	-2.626
33364_at	9659	*PDE4DIP*	-1.394	-2.629
753_at	22795	*NID2*	-1.395	-2.630
33194_at	9125	*RQCD1*	-1.398	-2.635
183_at	4133	*MAP2*	-1.404	-2.647
35249_at	9134	*CCNE2*	-1.405	-2.648
37527_at	2004	*ELK3*	-1.411	-2.660
31400_at	1607	*DGKB*	-1.414	-2.665
38442_at	4237	*MFAP2*	-1.427	-2.688
37385_at	9360	*PPIG*	-1.430	-2.695
36745_at	375057	*C1orf95*	-1.440	-2.713
32613_at	9899	*SV2B*	-1.448	-2.728
1073_at	6917	*TCEA1*	-1.454	-2.739

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
34072_s_at	---	---	-1.455	-2.741
32997_at	8712	*PAGE1*	-1.460	-2.751
38926_at	---	---	-1.470	-2.769
779_at	1288	*COL4A6*	-1.488	-2.805
38443_at	5781	*PTPN11*	-1.510	-2.849
41676_at	339290	*LOC339290*	-1.511	-2.851
31333_at	7092	*TLL1*	-1.513	-2.854
36271_at	23251	*KIAA1024*	-1.534	-2.896
31318_at	---	---	-1.534	-2.896
36389_at	56253	*CRTAM*	-1.553	-2.935
38137_at	8468	*FKBP6*	-1.557	-2.943
1833_at	1017	*CDK2*	-1.582	-2.993
40906_at	146542	*ZNF688*	-1.591	-3.012
1214_s_at	3456	*IFNB1*	-1.600	-3.032
1621_at	988	*CDC5L*	-1.636	-3.109
35573_r_at	56242	*ZNF253*	-1.638	-3.112
1013_at	4090	*SMAD5*	-1.677	-3.198
35971_at	11216	*AKAP10*	-1.718	-3.289
39354_at	9588	*PRDX6*	-1.722	-3.299
1574_s_at	3565	*IL4*	-1.756	-3.379
31386_at	100132426	*LOC100132426*	-1.791	-3.462
37516_at	23109	*DDN*	-1.827	-3.549
41044_at	93594	*WDR67*	-1.843	-3.588
36415_at	8573	*CASK*	-1.855	-3.616
41109_at	722	*C4BPA*	-1.945	-3.849
39090_at	11163	*NUDT4*	-1.948	-3.859
873_at	3202	*HOXA5*	-1.965	-3.905
31603_at	9447	*AIM2*	-1.973	-3.925
34985_at	8483	*CILP*	-2.018	-4.051
38129_at	2710	*GK*	-2.066	-4.186
37512_at	8630	*HSD17B6*	-2.093	-4.267
36778_at	4935	*GPR143*	-2.169	-4.497
35694_at	9448	*MAP4K4*	-2.320	-4.993
37086_at	57151	*LYZL6*	-2.335	-5.047
31988_at	11248	*NXPH3*	-2.346	-5.083
34056_g_at	91	*ACVR1B*	-2.465	-5.521
34760_at	9936	*CD302*	-2.487	-5.604
221_s_at	5277	*PIGA*	-2.590	-6.019
33182_at	4915	*NTRK2*	-2.636	-6.215
34983_at	1592	*CYP26A1*	-2.667	-6.351
37577_at	84986	*ARHGAP19*	-2.723	-6.605
32059_at	137886	*UBXN2B*	-2.728	-6.625
36662_at	58498	*MYL7*	-2.774	-6.840
1229_at	10903	*MTMR11*	-2.888	-7.401
696_at	3234	*HOXD8*	-3.027	-8.151
40868_at	55623	*THUMPD1*	-3.141	-8.820
1074_at	5861	*RAB1A*	-3.168	-8.987
31331_at	---	---	-3.169	-8.995

Probe_ID	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
40759_at	4325	*MMP16*	-3.221	-9.325
40495_at	80228	*ORAI2*	-3.254	-9.537
33291_at	10125	*RASGRP1*	-3.322	-10.002
39753_at	3678	*ITGA5*	-3.781	-13.743
35617_at	5598	*MAPK7*	-3.972	-15.697
35619_at	23245	*ASTN2*	-4.258	-19.127
33079_at	10228	*STX6*	-4.258	-19.132
32565_at	6604	*SMARCD3*	-4.541	-23.272
38830_at	55324	*ABCF3*	-4.604	-24.327
41654_at	100	*ADA*	-4.739	-26.708
31886_at	4907	*NT5E*	-4.856	-28.955

FC- Fold Change; abs_FC- Absolute Fold Change.

Table S4. Differentially expressed proteins in nasal fluids from patients with IAR during season before and after treatment

Accession no.	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
P28325	1473	*CST5*	3.163	8.956
P52907	829	*CAPZA1*	3.135	8.788
P47755	830	*CAPZA2*	3.135	8.788
P84243	3020	*H3F3A*	3.057	8.323
P68431	8350	*HIST1H3A*	3.057	8.323
Q71DI3	333932	*HIST2H3A*	3.057	8.323
Q16695	8290	*HIST3H3*	3.057	8.323
P01037	1469	*CST1*	2.641	6.239
P01036	1472	*CST4*	2.545	5.835
Q99935	58503	*PROL1*	2.033	4.092
Q9Y4B5	23255	*KIAA0802*	1.952	3.869
P00915	759	*CA1*	1.950	3.863
P02656	345	*APOC3*	1.755	3.376
Q13421	10232	*MSLN*	1.631	3.098
P09960	4048	*LTA4H*	1.624	3.083
P02649	348	*APOE*	1.459	2.749
P07996	7057	*THBS1*	1.444	2.721
P68871	3043	*HBB*	1.415	2.666
O95274	27076	*LYPD3*	1.356	2.561
P04745	276	*AMY1A*	1.183	2.270
P28838	51056	*LAP3*	1.138	2.201
P30043	645	*BLVRB*	1.136	2.197
Q14210	8581	*LY6D*	1.091	2.131
Q12768	9897	*KIAA0196*	1.086	2.123
P69905	3039	*HBA1*	1.074	2.106
P07108	1622	*DBI*	1.057	2.081
P00441	6647	*SOD1*	0.995	1.993
Q05639	1917	*EEF1A2*	0.952	1.935
P32119	7001	*PRDX2*	0.930	1.905
P30838	218	*ALDH3A1*	0.885	1.846
P06753	7170	*TPM3*	0.875	1.834
P15328	2348	*FOLR1*	0.863	1.819
P59665	1667	*DEFA1*	0.774	1.710
P59666	1668	*DEFA3*	0.774	1.710
P19012	3866	*KRT15*	0.757	1.690
Q04695	3872	*KRT17*	0.757	1.690
P57053	54145	*H2BFS*	0.756	1.689
P62807	8347	*HIST1H2BC*	0.756	1.689
P58876	3017	*HIST1H2BD*	0.756	1.689
Q93079	8345	*HIST1H2BH*	0.756	1.689
O60814	85236	*HIST1H2BK*	0.756	1.689
Q99880	8340	*HIST1H2BL*	0.756	1.689
Q99879	8342	*HIST1H2BM*	0.756	1.689

Accession no.	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
Q99877	8341	*HIST1H2BN*	0.756	1.689
Q5QNW6	440689	*HIST2H2BF*	0.756	1.689
P07205	5232	*PGK2*	0.750	1.682
P68104	1915	*EEF1A1*	0.736	1.665
Q5VTE0	158078	*EEF1AL3*	0.736	1.665
Q13315	472	*ATM*	0.727	1.655
Q9NYF5	51306	*FAM13B*	0.723	1.651
Q5R372	9910	*RABGAP1L*	0.723	1.651
Q8N122	57521	*RPTOR*	0.723	1.651
Q4U2R8	9356	*SLC22A6*	0.723	1.651
P49862	5650	*KLK7*	0.717	1.644
P07686	3074	*HEXB*	0.691	1.615
P27797	811	*CALR*	0.680	1.602
Q9NP50	58516	*FAM60A*	0.673	1.595
O43497	8913	*CACNA1G*	0.609	1.525
O95180	8912	*CACNA1H*	0.609	1.525
A6NMY6	304	*ANXA2P2*	0.600	1.516
Q99497	11315	*PARK7*	0.599	1.514
P08238	3326	*HSP90AB1*	0.586	1.501
Q96PD5	114770	*PGLYRP2*	-0.589	-1.504
P05546	3053	*SERPIND1*	-0.590	-1.505
P02760	259	*AMBP*	-0.591	-1.506
P04264	3848	*KRT1*	-0.599	-1.515
Q8NBJ4	51280	*GOLM1*	-0.603	-1.518
Q7L8C5	57586	*SYT13*	-0.607	-1.523
P01042	3827	*KNG1*	-0.611	-1.528
P49913	820	*CAMP*	-0.620	-1.537
Q8N4F0	80341	*BPIL1*	-0.621	-1.538
P49643	5558	*PRIM2*	-0.626	-1.544
P02533	3861	*KRT14*	-0.627	-1.544
P08779	3868	*KRT16*	-0.627	-1.544
P35908	3849	*KRT2*	-0.628	-1.545
P22894	4317	*MMP8*	-0.628	-1.545
P03952	3818	*KLKB1*	-0.661	-1.581
P68363	10376	*TUBA1B*	-0.670	-1.591
P68366	7277	*TUBA4A*	-0.670	-1.591
Q96DA0	124220	*ZG16B*	-0.675	-1.596
Q14624	3700	*ITIH4*	-0.686	-1.609
P06737	5836	*PYGL*	-0.692	-1.615
P04217	1	*A1BG*	-0.703	-1.628
P09871	716	*C1S*	-0.739	-1.669
P06727	337	*APOA4*	-0.742	-1.672
P62834	5906	*RAP1A*	-0.750	-1.682
P61224	5908	*RAP1B*	-0.750	-1.682
Q9H3G5	54504	*CPVL*	-0.759	-1.692
Q13620	8450	*CUL4B*	-0.759	-1.692

Accession no.	Entrez Gene ID	Gene symbol	log_FC	Abs_FC
P01031	727	*C5*	-0.761	-1.695
P08185	866	*SERPINA6*	-0.764	-1.698
P27482	810	*CALML3*	-0.765	-1.699
P31146	11151	*CORO1A*	-0.791	-1.730
Q5SXM2	6621	*SNAPC4*	-0.812	-1.756
Q9NRR6	56623	*INPP5E*	-0.822	-1.768
O15144	10109	*ARPC2*	-0.825	-1.772
P05090	347	*APOD*	-0.848	-1.800
P04279	6406	*SEMG1*	-0.854	-1.807
Q02383	6407	*SEMG2*	-0.854	-1.807
P07358	732	*C8B*	-0.855	-1.809
Q15149	5339	*PLEC1*	-0.859	-1.814
P61026	10890	*RAB10*	-0.863	-1.819
P05543	6906	*SERPINA7*	-0.872	-1.830
P46939	7402	*UTRN*	-0.877	-1.837
O75223	79017	*GGCT*	-0.885	-1.847
P02545	4000	*LMNA*	-0.886	-1.848
P05981	3249	*HPN*	-0.897	-1.863
Q96LR9	81575	*APOLD1*	-0.956	-1.940
O60293	196441	*ZFC3H1*	-0.962	-1.948
P02743	325	*APCS*	-0.985	-1.979
Q8NHQ9	57696	*DDX55*	-0.988	-1.983
P00491	4860	*NP*	-0.992	-1.990
P61327	4116	*Magoh*	-0.997	-1.996
Q96A72	55110	*MAGOHB*	-0.997	-1.996
A8MXB0	90352	*MAGOHP*	-0.997	-1.996
Q02818	4924	*NUCB1*	-1.034	-2.048
Q8TEY7	23032	*USP33*	-1.054	-2.077
P24158	5657	*PRTN3*	-1.161	-2.236
Q03591	3078	*CFHR1*	-1.172	-2.253
Q9BZL6	25865	*PRKD2*	-1.233	-2.350
P12270	7175	*TPR*	-1.281	-2.430
Q9BZA4	84663	*CYorf15B*	-1.330	-2.513
P08571	929	*CD14*	-1.357	-2.561
P18825	152	*ADRA2C*	-1.412	-2.661
P59047	126206	*NLRP5*	-1.412	-2.661
P78527	5591	*PRKDC*	-1.412	-2.661
Q9UG22	26157	*GIMAP2*	-1.412	-2.661
P08246	1991	*ELANE*	-1.498	-2.825
P20930	2312	*FLG*	-1.564	-2.956
Q8TAX7	4589	*MUC7*	-1.794	-3.468
Q6P3W7	55681	*SCYL2*	-1.875	-3.669
A2IDD5	124093	*CCDC78*	-2.307	-4.947
P98088	4586	*MUC5AC*	-2.526	-5.758

FC- Fold Change; abs_FC- Absolute Fold Change.

Table S5. Molecular function of differentially expressed genes and proteins from the enriched pathways

Entrez Gene ID	Molecular function
12	DNA binding; peptidase inhibitor activity; protein binding; serine-type endopeptidase inhibitor activity
183	acetyltransferase activator activity; growth factor activity; hormone activity; serine-type endopeptidase inhibitor activity; type 1, 2 angiotensin receptor binding
197	cysteine-type endopeptidase inhibitor activity; kinase inhibitor activity; protein binding
213	DNA binding; antioxidant activity; chaperone binding; copper ion binding; drug binding; fatty acid binding; metal ion binding; contributes_to oxygen binding; protein binding; pyridoxal phosphate binding; toxin binding
259	IgA binding; calcium channel inhibitor activity; calcium oxalate binding; heme binding; peptidase inhibitor activity; protein homodimerization activity; serine-type endopeptidase inhibitor activity; transporter activity
284	receptor binding
285	receptor binding
325	metal ion binding; sugar binding; unfolded protein binding
335	apolipoprotein A-I receptor binding; apolipoprotein receptor binding; beta-amyloid binding; cholesterol binding; contributes_to cholesterol transporter activity; cholesterol transporter activity; enzyme binding; high-density lipoprotein binding; high-density lipoprotein receptor binding; identical protein binding; lipid transporter activity; phosphatidylcholine-sterol O-acyltransferase activator activity; phospholipid binding; protein binding
336	apolipoprotein receptor binding; cholesterol binding; contributes_to cholesterol transporter activity; high-density lipoprotein binding; high-density lipoprotein receptor binding; lipase inhibitor activity; lipid binding; lipid transporter activity; phosphatidylcholine binding; phosphatidylcholine-sterol O-acyltransferase activator activity; phospholipid binding; protein binding; protein heterodimerization activity; protein homodimerization activity
350	eukaryotic cell surface binding; glycoprotein binding; heparin binding; lipid binding; lipoprotein lipase activator activity; phospholipid binding; protein binding
356	cytokine activity; protein binding; receptor binding; tumor necrosis factor receptor binding
710	peptidase inhibitor activity; protein binding; serine-type endopeptidase inhibitor activity
715	calcium ion binding; peptidase activity; serine-type endopeptidase

Entrez Gene ID	Molecular function
	activity; serine-type peptidase activity
716	calcium ion binding; peptidase activity; serine-type endopeptidase activity
717	peptidase activity; serine-type endopeptidase activity
720	endopeptidase inhibitor activity; protein binding
722	protein binding
727	receptor binding; chemokine activity; endopeptidase inhibitor activity
731	complement activation
732	protein complex binding
733	binding, retinol binding, transporter activity
735	complement activation
959	CD40 receptor binding; cytokine activity; tumor necrosis factor receptor binding
1277	extracellular matrix structural constituent; protein binding; identical protein binding; platelet-derived growth factor binding
1278	SMAD binding; extracellular matrix structural constituent; identical protein binding; platelet-derived growth factor binding; protein binding; protein binding, bridging
1280	extracellular matrix structural constituent conferring tensile strength; identical protein binding; platelet-derived growth factor binding
1281	SMAD binding; extracellular matrix structural constituent; protein binding; integrin binding; platelet-derived growth factor binding
1302	extracellular matrix structural constituent conferring tensile strength; protein binding, bridging
1356	chaperone binding; copper ion binding; ferroxidase activity; metal ion binding; oxidoreductase activity
1401	Gram-positive bacterial cell surface binding; binding; choline binding; low-density lipoprotein binding; metal ion binding; protein binding
1435	cytokine activity; growth factor activity; macrophage colony stimulating factor receptor binding; protein binding; protein homodimerization activity
1437	cytokine activity; granulocyte macrophage colony-stimulating factor receptor binding; growth factor activity; protein binding
1447	calcium ion binding; enzyme inhibitor activity; transporter activity
1667	Contributes to immune response
1675	peptidase activity; serine-type endopeptidase activity; serine-type peptidase activity

Entrez Gene ID	Molecular function
1839	epidermal growth factor receptor binding; growth factor activity; heparin binding; receptor activity
1950	calcium ion binding; epidermal growth factor receptor binding; growth factor activity; protein binding; transmembrane receptor protein tyrosine kinase activator activity
2243	eukaryotic cell surface binding; protein binding; protein binding, bridging; receptor binding
2244	chaperone binding; eukaryotic cell surface binding; protein binding; protein binding, bridging; receptor binding
2247	fibroblast growth factor receptor binding; growth factor activity; heparin binding; protein binding; voltage-gated calcium channel activity
2266	eukaryotic cell surface binding; protein binding; receptor binding
2277	growth factor activity; platelet-derived growth factor receptor binding; protein homodimerization activity; receptor binding; vascular endothelial growth factor receptor 3 binding
2919	chemokine activity; enzyme activator activity; growth factor activity; receptor binding
3053	endopeptidase inhibitor activity; heparin binding; serine-type endopeptidase inhibitor activity
3075	complement activation
3240	catalytic activity; hemoglobin binding; serine-type endopeptidase activity
3263	binding; heme transporter activity; metal ion binding
3273	cysteine-type endopeptidase inhibitor activity; heparin binding; serine-type endopeptidase inhibitor activity
3456	cytokine activity; interferon-alpha/beta receptor binding; transcription corepressor activity
3458	cytokine activity; interferon-gamma receptor binding
3500	antigen binding; protein binding
3552	copper ion binding; cytokine activity; interleukin-1 receptor binding; protein binding
3553	cytokine activity; growth factor activity; interleukin-1 receptor binding; protein binding; protein domain specific binding
3557	cytokine activity; interleukin-1 receptor antagonist activity; protein binding
3558	cytokine activity; growth factor activity; interleukin-2 receptor binding; carbohydrate binding; glycosphingolipid binding;kappa-type opioid receptor binding; kinase activator activity; protein binding
3562	cytokine activity; growth factor activity; interleukin-3 receptor binding; protein binding

Entrez Gene ID	Molecular function
3565	cytokine activity; growth factor activity; interleukin-4 receptor binding; protein binding
3567	cytokine activity; growth factor activity; interleukin-5 receptor binding; protein binding
3574	cytokine activity; growth factor activity; interleukin-7 receptor binding; protein binding
3576	chemokine activity; interleukin-8 receptor binding; protein binding
3586	cytokine activity, growth factor activity, interleukin-10 receptor binding, protein binding
3592	contributes_to cytokine activity; contributes_to growth factor activity; interleukin-12 beta subunit binding; interleukin-12 receptor binding; interleukin-27 binding; protein binding; protein heterodimerization activity
3593	contributes_to cytokine activity; cytokine receptor activity; contributes_to growth factor activity; interleukin-12 receptor binding; interleukin-12 alpha subunit binding; protein binding; protein heterodimerization activity; protein homodimerization activity; signal transducer activity
3596	cytokine activity; protein binding; interleukin-13 receptor binding
3605	cytokine activity
3606	cytokine activity; signal transducer activity
3699	endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity
3700	endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity
3818	peptidase activity; serine-type endopeptidase activity
4049	cytokine activity; protein binding; receptor binding; tumor necrosis factor receptor binding
4050	cytokine activity; receptor binding; tumor necrosis factor receptor binding
4153	bacterial cell surface binding; calcium-dependent protein binding; eukaryotic cell surface binding; mannose binding; protein binding; receptor binding; sugar binding
4282	cell surface binding; chemoattractant activity; cytokine activity; cytokine receptor binding; dopachrome isomerase activity; isomerase activity; phenylpyruvate tautomerase activity; protein binding; receptor binding
4312	calcium ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding
4314	calcium ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding
4318	collagen binding; metal ion binding; metalloendopeptidase activity;

Entrez Gene ID	Molecular function
	peptidase activity; protein binding; zinc ion binding
4322	calcium ion binding; metalloendopeptidase activity; peptidase activity; zinc ion binding
4878	hormone activity; peptide hormone receptor binding; receptor binding
5004	protein binding
5054	peptidase inhibitor activity; protease binding; protein binding; serine-type endopeptidase activity; serine-type endopeptidase inhibitor activity
5155	cell surface binding; collagen binding; growth factor activity; platelet-derived growth factor binding; platelet-derived growth factor receptor binding; contributes_to platelet-derived growth factor receptor binding; protein binding; protein heterodimerization activity; protein homodimerization activity
5176	serine-type endopeptidase inhibitor activity
5228	growth factor activity; heparin binding; protein binding; protein heterodimerization activity; protein homodimerization activity
5265	peptidase inhibitor activity; protease binding; protein binding; serine-type endopeptidase inhibitor activity
5443	G-protein-coupled receptor binding; hormone activity; receptor binding; type 1, 3, 4 melanocortin receptor binding
5617	hormone activity, prolactin receptor binding
5644	metal ion binding; peptidase activity; protein binding; serine-type endopeptidase activity
5646	calcium ion binding; peptidase activity; serine-type endopeptidase activity; protein binding
5653	peptidase activity; protein binding; serine-type endopeptidase activity
5657	peptidase activity; protein binding; serine-type endopeptidase activity; serine-type peptidase activity
5947	lipid binding; retinal binding; retinoid binding; retinol binding; transporter activity
5949	retinal binding; retinoid binding; serine-type peptidase activity
5950	protein binding; retinal binding; retinol binding; retinol transporter activity; transporter activity
6288	G-protein-coupled receptor binding
6347	CCR2 chemokine receptor binding; G-protein-coupled receptor binding; chemokine activity; heparin binding; protein binding; protein kinase activity; receptor binding; signal transducer activity
6348	chemoattractant activity; chemokine activity; signal transducer activity
6351	chemokine activity; cytokine activity; receptor signaling protein tyrosine

Entrez Gene ID	Molecular function
	kinase activity
6352	chemoattractant activity; chemokine activity; receptor binding; signal transducer activity
6354	chemokine activity; heparin binding
6369	chemokine activity
6387	chemokine activity; growth factor activity; receptor binding; signal transducer activity
7018	ferric iron binding; metal ion binding; protein binding
7040	growth factor activity; protein N-terminus binding; protein binding; protein heterodimerization activity; protein homodimerization activity; transcription activator activity; type II transforming growth factor beta receptor binding
7124	cytokine activity; identical protein binding; promoter binding; promoter binding; transcription activator activity; transcription repressor activity; tumor necrosis factor receptor binding
7276	hormone activity; protein binding
7356	binding; phospholipase A2 inhibitor activity
7423	growth factor activity; heparin binding; protein binding; vascular endothelial growth factor receptor binding
7424	growth factor activity; vascular endothelial growth factor receptor 3 binding
7450	chaperone binding; collagen binding; glycoprotein binding; immunoglobulin binding; integrin binding; protease binding; protein N-terminus binding; protein binding; protein homodimerization activity
7471	receptor binding; signal transducer activity
7474	receptor binding; signal transducer activity
7475	extracellular matrix structural constituent; protein binding; signal transducer activity
7476	receptor binding; signal transducer activity
7480	signal transducer activity
8742	cytokine activity; protein binding; receptor binding; tumor necrosis factor receptor binding
8743	cytokine activity; metal ion binding; protein binding; receptor binding; tumor necrosis factor receptor binding
10747	calcium ion binding; calcium-dependent protein binding; peptidase activity; protein binding; serine-type endopeptidase activity
11012	peptidase activity; serine-type endopeptidase activity; serine-type peptidase activity

Entrez Gene ID	Molecular function
11197	protein tyrosine kinase activity
25891	catalytic activity; serine-type endopeptidase activity
26525	cytokine activity; interleukin-1 receptor antagonist activity
27178	cytokine activity; interleukin-1 receptor antagonist activity; interleukin-1 receptor binding
27179	cytokine activity; interleukin-1 receptor binding
51561	cytokine activity; protein binding
54361	extracellular matrix structural constituent; protein binding; signal transducer activity
56300	cytokine activity; interleukin-1 receptor antagonist activity
57817	hormone activity
59067	cytokine activity; cytokine receptor binding; interleukin-2 receptor binding
80864	calcium ion binding

Molecular function is defined using Gene Ontology Molecular Function category.