

Cluster 1

Probe.Set.ID	Symbol	Gene Title
201625_s_at	INSIG1	insulin induced gene 1
202036_s_at	SFRP1	secreted frizzled-related protein 1
202037_s_at	SFRP1	secreted frizzled-related protein 1
202178_at	PRKCZ	protein kinase C, zeta
202460_s_at	LPIN2	lipin 2
202842_s_at	DNAJB9	DnaJ (Hsp40) homolog, subfamily B, member 9
202948_at	IL1R1	interleukin 1 receptor, type I
203072_at	MYO1E	myosin IE
203429_s_at	SUCO	chromosome 1 open reading frame 9
203689_s_at	FMR1	fragile X mental retardation 1
204062_s_at	ULK2	unc-51-like kinase 2 (C. elegans)
204160_s_at	ENPP4	ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative function)
204479_at	OSTF1	osteoclast stimulating factor 1
204720_s_at	DNAJC6	DnaJ (Hsp40) homolog, subfamily C, member 6
205359_at	AKAP6	A kinase (PKA) anchor protein 6
206233_at	B4GALT6	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 6
206615_s_at	ADAM22	ADAM metallopeptidase domain 22
207362_at	SLC30A4	solute carrier family 30 (zinc transporter), member 4
208925_at	CLDND1	claudin domain containing 1
208962_s_at	FADS1	fatty acid desaturase 1
208963_x_at	FADS1	fatty acid desaturase 1
208964_s_at	FADS1	fatty acid desaturase 1
209569_x_at	NSG1	Neuron specific gene family member 1
209925_at	OCLN	occludin pseudogene; occludin
209993_at	ABCB1	ATP-binding cassette, sub-family B (MDR/TAP), member 1
210355_at	PTH1H	parathyroid hormone-like hormone
210829_s_at	SSBP2	single-stranded DNA binding protein 2
210941_at	PCDH7	protocadherin 7
211130_x_at	EDA	ectodysplasin A
211478_s_at	DPP4	dipeptidyl-peptidase 4
212812_at	SERINC5	serine incorporator 5
212870_at	SOS2	son of sevenless homolog 2 (Drosophila)
212959_s_at	GNPTAB	N-acetylglucosamine-1-phosphate transferase, alpha and beta subunits
214023_x_at	TUBB2B	tubulin, beta 2B
214578_s_at	ROCK1	similar to Rho-associated, coiled-coil containing protein kinase 1; Rho-associated, coiled-coil containing protein kinase 1
215245_x_at	FMR1	fragile X mental retardation 1
215363_x_at	FOLH1	folate hydrolase (prostate-specific membrane antigen) 1
215446_s_at	LOX	lysyl oxidase
216167_at	LRRN2	leucine rich repeat neuronal 2
216205_s_at	MFN2	mitofusin 2
216255_s_at	GRM8	glutamate receptor, metabotropic 8
216256_at	GRM8	glutamate receptor, metabotropic 8
218127_at	NFYB	nuclear transcription factor Y, beta
218128_at	NFYB	nuclear transcription factor Y, beta

218129_s_at	NFYB	nuclear transcription factor Y, beta
218223_s_at	PLEKHO1	pleckstrin homology domain containing, family O member 1
219526_at	C14orf169	chromosome 14 open reading frame 169
219703_at	MNS1	meiosis-specific nuclear structural 1
219932_at	SLC27A6	solute carrier family 27 (fatty acid transporter), member 6
221761_at	ADSS	adenylosuccinate synthase
222071_s_at	SLCO4C1	solute carrier organic anion transporter family, member 4C1

Cluster 2

Probe.Set.ID	Symbol	Gene Title
200927_s_at	RAB14	RAB14, member RAS oncogene family
201063_at	RCN1	reticulocalbin 1, EF-hand calcium binding domain
201490_s_at	PPIF	peptidylprolyl isomerase F
201662_s_at	ACSL3	acyl-CoA synthetase long-chain family member 3
201761_at	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase
202101_s_at	RALB	v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)
202516_s_at	DLG1	discs, large homolog 1 (Drosophila)
203548_s_at	LPL	lipoprotein lipase
203688_at	PKD2	polycystic kidney disease 2 (autosomal dominant)
204298_s_at	LOX	lysyl oxidase
205573_s_at	SNX7	sorting nexin 7
206491_s_at	NAPA	N-ethylmaleimide-sensitive factor attachment protein, alpha
206683_at	ZNF165	zinc finger protein 165
208309_s_at	MALT1	mucosa associated lymphoid tissue lymphoma translocation gene 1
208703_s_at	APLP2	amyloid beta (A4) precursor-like protein 2
209232_s_at	DCTN5	dynactin 5 (p25)
209706_at	NKX3-1	NK3 homeobox 1
211048_s_at	PDIA4	protein disulfide isomerase family A, member 4
211804_s_at	CDK2	cyclin-dependent kinase 2
213369_at	CDHR1	protocadherin 21
214959_s_at	API5	API5-like 1; apoptosis inhibitor 5
215489_x_at	HOMER3	homer homolog 3 (Drosophila)
217761_at	ADI1	acireductone dioxygenase 1
217931_at	CNPY3	canopy 3 homolog (zebrafish)
218095_s_at	TMEM165	transmembrane protein 165
219628_at	ZMAT3	zinc finger, matrin type 3
221318_at	NEUROD4	neurogenic differentiation 4
221781_s_at	DNAJC10	DnaJ (Hsp40) homolog, subfamily C, member 10

Cluster 3

Probe.Set.ID	Symbol	Gene Title
201147_s_at	TIMP3	TIMP metalloproteinase inhibitor 3
201341_at	ENC1	ectodermal-neural cortex (with BTB-like domain)
201399_s_at	TRAM1	translocation associated membrane protein 1
201633_s_at	CYB5B	cytochrome b5 type B (outer mitochondrial membrane)

201852_x_at	COL3A1	collagen, type III, alpha 1
201860_s_at	PLAT	plasminogen activator, tissue
201932_at	LRRC41	leucine rich repeat containing 41
202043_s_at	SMS	spermine synthase; similar to spermine synthase
202061_s_at	SEL1L	sel-1 suppressor of lin-12-like (C. elegans)
202062_s_at	SEL1L	sel-1 suppressor of lin-12-like (C. elegans)
202705_at	CCNB2	cyclin B2
202816_s_at	SS18	synovial sarcoma translocation, chromosome 18
202920_at	ANK2	ankyrin 2, neuronal
203041_s_at	LAMP2	lysosomal-associated membrane protein 2
203069_at	SV2A	synaptic vesicle glycoprotein 2A
203179_at	GALT	galactose-1-phosphate uridylyltransferase
203211_s_at	MTMR2	myotubularin related protein 2
203441_s_at	CDH2	cadherin 2, type 1, N-cadherin (neuronal)
203738_at	C5orf22	chromosome 5 open reading frame 22
203827_at	WIPI1	WD repeat domain, phosphoinositide interacting 1
204149_s_at	GSTM4	glutathione S-transferase mu 4
204256_at	ELOVL6	ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast)
204641_at	NEK2	NIMA (never in mitosis gene a)-related kinase 2
204725_s_at	NCK1	NCK adaptor protein 1
204749_at	NAP1L3	nucleosome assembly protein 1-like 3
205523_at	HAPLN1	hyaluronan and proteoglycan link protein 1
205717_x_at	PCDHGC3	protocadherin gamma subfamily C, 3; protocadherin gamma subfamily C, 5; protocadherin gamma subfamily C, 4; protocadherin gamma subfamily A, 12
205822_s_at	HMGCS1	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 (soluble)
206369_s_at	PIK3CG	phosphoinositide-3-kinase, catalytic, gamma polypeptide
206463_s_at	DHRS2	dehydrogenase/reductase (SDR family) member 2
207714_s_at	SERPINH1	serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)
208180_s_at	HIST1H4H	histone cluster 1, H4l; histone cluster 1, H4k; histone cluster 4, H4; histone cluster 1, H4h; histone cluster 1, H4j; histone cluster 1, H4i; histone cluster 1, H4d; histone cluster 1, H4c; histone cluster 1, H4f; histone cluster 1, H4e; histone cluster 1, H4b; histone cluster 1, H4a; histone cluster 2, H4a; histone cluster 2, H4b
208861_s_at	ATRX	alpha thalassemia/mental retardation syndrome X-linked (RAD54 homolog, S. cerevisiae)
209079_x_at	PCDHGC3	protocadherin gamma subfamily C, 3; protocadherin gamma subfamily C, 5; protocadherin gamma subfamily C, 4; protocadherin gamma subfamily A, 12
209118_s_at	TUBA1A	tubulin, alpha 1a
209198_s_at	SYT11	synaptotagmin XI
209208_at	MPDU1	mannose-P-dolichol utilization defect 1
209234_at	KIF1B	kinesin family member 1B
209295_at	TNFRSF10B	tumor necrosis factor receptor superfamily, member 10b
209550_at	NDN	neccdin homolog (mouse)
209846_s_at	BTN3A2	butyrophilin, subfamily 3, member A2

210406_s_at	RAB6C	RAB6C, member RAS oncogene family; RAB6A, member RAS oncogene family; hypothetical LOC100130819; RAB6C-like
210868_s_at	ELOVL6	ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like, yeast)
210970_s_at	IBTK	inhibitor of Bruton agammaglobulinemia tyrosine kinase
211063_s_at	NCK1	NCK adaptor protein 1
211066_x_at	PCDHGC3	protocadherin gamma subfamily C, 3; protocadherin gamma subfamily C, 5; protocadherin gamma subfamily C, 4; protocadherin gamma subfamily A, 12
211080_s_at	NEK2	NIMA (never in mitosis gene a)-related kinase 2
211162_x_at	SCD	stearoyl-CoA desaturase (delta-9-desaturase)
211959_at	IGFBP5	insulin-like growth factor binding protein 5
212274_at	LPIN1	lipin 1
212403_at	UBE3B	ubiquitin protein ligase E3B
212613_at	BTN3A2	butyrophilin, subfamily 3, member A2
213645_at	ENOSF1	enolase superfamily member 1
214079_at	DHRS2	dehydrogenase/reductase (SDR family) member 2
214642_x_at	MAGEA5	melanoma antigen family A, 5
214710_s_at	CCNB1	cyclin B1
214945_at	FAM153B	family with sequence similarity 153, member B
215076_s_at	COL3A1	collagen, type III, alpha 1
215836_s_at	PCDHGC3	protocadherin gamma subfamily C, 3; protocadherin gamma subfamily C, 5; protocadherin gamma subfamily C, 4; protocadherin gamma subfamily A, 12
217188_s_at	C14orf1	chromosome 14 open reading frame 1
217749_at	COPG1	coatamer protein complex, subunit gamma
217977_at	MSRB1	selenoprotein X, 1
218047_at	OSBPL9	oxysterol binding protein-like 9
218124_at	RETSAT	retinol saturase (all-trans-retinol 13,14-reductase)
218150_at	ARL5A	ADP-ribosylation factor-like 5A
218396_at	VPS13C	vacuolar protein sorting 13 homolog C (<i>S. cerevisiae</i>)
218539_at	FBXO34	F-box protein 34
219049_at	CSGALNACT1	chondroitin sulfate N-acetylgalactosaminyltransferase 1
219730_at	MED18	mediator complex subunit 18
220205_at	TPTE	transmembrane phosphatase with tensin homology
221730_at	COL5A2	collagen, type V, alpha 2
222209_s_at	TMEM135	transmembrane protein 135

Cluster 4

Probe.Set.ID	Symbol	Gene Title
201419_at	BAP1	BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)
201565_s_at	ID2	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein
203489_at	SIVA1	SIVA1, apoptosis-inducing factor
204621_s_at	NR4A2	nuclear receptor subfamily 4, group A, member 2
204770_at	TAP2	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)
204790_at	SMAD7	SMAD family member 7
206565_x_at	GUSBP3	glucuronidase, beta pseudogene
208366_at	PCDH11X	protocadherin 11 X-linked
209478_at	STRA13	stimulated by retinoic acid 13 homolog (mouse)

210792_x_at	SIVA1	SIVA1, apoptosis-inducing factor
213089_at		ENSG00000219982
213147_at	HOXA10	homeobox A10
213577_at	SQLE	squalene epoxidase
215043_s_at	GUSBP3	glucuronidase, beta pseudogene
215599_at	GUSBP3	glucuronidase, beta pseudogene
218350_s_at	GMNN	geminin, DNA replication inhibitor
218642_s_at	CHCHD7	coiled-coil-helix-coiled-coil-helix domain containing 7
220097_s_at	TMEM104	transmembrane protein 104
220983_s_at	NEAT1	sprouty homolog 4 (Drosophila)

Cluster 5

Probe.Set.ID	Symbol	Gene Title
201774_s_at	NCAPD2	non-SMC condensin I complex, subunit D2
202215_s_at	NFYC	nuclear transcription factor Y, gamma
202240_at	PLK1	polo-like kinase 1 (Drosophila)
202736_s_at	LSM4	LSM4 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>)
203478_at	NDUFC1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1, 6kDa
203709_at	PHKG2	phosphorylase kinase, gamma 2 (testis)
203719_at	ERCC1	excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)
203848_at	AKAP8	A kinase (PRKA) anchor protein 8
203880_at	COX17	COX17 cytochrome c oxidase assembly homolog (<i>S. cerevisiae</i>)
203931_s_at	MRPL12	mitochondrial ribosomal protein L12
203980_at	FABP4	fatty acid binding protein 4, adipocyte
204107_at	NFYA	nuclear transcription factor Y, alpha
204108_at	NFYA	nuclear transcription factor Y, alpha
204109_s_at	NFYA	nuclear transcription factor Y, alpha
204218_at	ANAPC15	chromosome 11 open reading frame 51
204475_at	MMP1	matrix metalloproteinase 1 (interstitial collagenase)
205167_s_at	CDC25C	cell division cycle 25 homolog C (<i>S. pombe</i>)
205730_s_at	ABLIM3	actin binding LIM protein family, member 3
205828_at	MMP3	matrix metalloproteinase 3 (stromelysin 1, progelatinase)
206785_s_at	KLRC1	killer cell lectin-like receptor subfamily C, member 1
209223_at	NDUFA2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2, 8kDa
209682_at	CBLB	Cas-Br-M (murine) ecotropic retroviral transforming sequence b
213322_at	OARD1	chromosome 6 open reading frame 130
213893_x_at	PMS2P2	PMS2 postmeiotic segregation increased 2 (<i>S. cerevisiae</i>)-like
213897_s_at	MRPL23	mitochondrial ribosomal protein L23
214073_at	CTTN	cortactin
214110_s_at	LOC654342	lymphocyte-specific protein 1 pseudogene
214756_x_at	PMS2P1	postmeiotic segregation increased 2-like 1 pseudogene
215293_s_at	PGAP2	post-GPI attachment to proteins 2
215380_s_at	GGCT	gamma-glutamyl cyclotransferase
215498_s_at	MAP2K3	mitogen-activated protein kinase kinase 3
215499_at	MAP2K3	mitogen-activated protein kinase kinase 3
215734_at	IZUMO4	chromosome 19 open reading frame 36

216852_x_at	IGLJ3	immunoglobulin lambda joining 3
217010_s_at	CDC25C	cell division cycle 25 homolog C (S. pombe)
217485_x_at	PMS2P1	postmeiotic segregation increased 2-like 1 pseudogene
217907_at	MRPL18	mitochondrial ribosomal protein L18
218261_at	AP1M2	adaptor-related protein complex 1, mu 2 subunit
218597_s_at	CISD1	CDGSH iron sulfur domain 1
218609_s_at	NUDT2	nudix (nucleoside diphosphate linked moiety X)-type motif 2
218741_at	CENPM	centromere protein M
218774_at	DCPS	decapping enzyme, scavenger
218866_s_at	POLR3K	polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa
219053_s_at	VPS37C	vacuolar protein sorting 37 homolog C (S. cerevisiae)
220089_at	L2HGDH	L-2-hydroxyglutarate dehydrogenase
221777_at	RITA1	chromosome 12 open reading frame 52
32259_at	EZH1	enhancer of zeste homolog 1 (Drosophila)
33304_at	ISG20	interferon stimulated exonuclease gene 20kDa
37462_i_at	SF3A2	splicing factor 3a, subunit 2, 66kDa
40569_at	MZF1	myeloid zinc finger 1
41858_at	PGAP2	post-GPI attachment to proteins 2
65517_at	AP1M2	adaptor-related protein complex 1, mu 2 subunit