

S2 Table. L₀ and L₁ Genes

L ₀ Genes			
Probe Set ID	Gene Symbol	Gene Title	L ₁ Genes
1452925_a_at	MARCH5	membrane-associated ring finger (C3HC4) 5	L1
1438678_at	1500011K16Rik	RIKEN cDNA 1500011K16 gene	
1428732_at	1700008J07Rik	RIKEN cDNA 1700008J07 gene	L1
1453294_at	1700012B15Rik	RIKEN cDNA 1700012B15 gene	L1
1441871_at	1810044D09Rik	RIKEN cDNA 1810044D09 gene	
1429115_at	2010003O02Rik	RIKEN cDNA 2010003O02 gene	L1
1432607_at	2610012C04Rik	RIKEN cDNA 2610012C04 gene	L1
1453745_at	2700038G22Rik	RIKEN cDNA 2700038G22 gene	L1
1436235_x_at	4732471D19Rik	RIKEN cDNA 4732471D19 gene	
1427326_at	4732471D19Rik	RIKEN cDNA 4732471D19 gene	L1
1431580_at	4833421K07Rik	RIKEN cDNA 4833421K07 gene	
1433142_at	4921504P05Rik	RIKEN cDNA 4921504P05 gene	L1
1429880_at	4921531C22Rik	RIKEN cDNA 4921531C22 gene	
1453390_at	4930428F12Rik	RIKEN cDNA 4930428F12 gene	L1
1433197_at	4930445B03Rik	RIKEN cDNA 4930445B03 gene	L1
1433082_at	4930448K20Rik	glyceraldehyde-3-phosphate dehydrogenase pseudogene	
1431634_at	4930455C13Rik	RIKEN cDNA 4930455C13 gene	L1
1430175_at	4930588G05Rik	RIKEN cDNA 4930588G05 gene	
1432626_at	5730507A11Rik	RIKEN cDNA 5730507A11 gene	L1
1430646_at	5830407P18Rik	RIKEN cDNA 5830407P18 gene	L1
1433685_a_at	6430706D22Rik	RIKEN cDNA 6430706D22 gene	L1
1432680_at	9130009M17Rik	RIKEN cDNA 9130009M17 gene	L1
1438299_at	9230108I15Rik	RIKEN cDNA 9230108I15 gene	
1439874_at	9330102E08Rik	RIKEN cDNA 9330102E08 gene	L1
1454592_at	9430012M22Rik	RIKEN cDNA 9430012M22 gene	
1456758_at	9930017N22Rik	RIKEN cDNA 9930017N22 gene	L1
1457517_at	A730046G19Rik	RIKEN cDNA A730046G19 gene	
1439110_at	A930012O16Rik	RIKEN cDNA A930012O16 gene	L1
1436942_at	A930035D04Rik	RIKEN cDNA A930035D04 gene	
1444070_at	AA914427	EST AA914427	
1452233_at	ABCC1	ATP-binding cassette, sub-family C (CFTR/MRP), member 1	L1
1439835_x_at	ABCD2	ATP-binding cassette, sub-family D (ALD), member 2	
1416014_at	ABCE1	ATP-binding cassette, sub-family E (OABP), member 1	L1

1452236_at	ABCF1	ATP-binding cassette, sub-family F (GCN20), member 1	
1423570_at	ABCG1	ATP-binding cassette, sub-family G (WHITE), member 1	
1427959_at	ABHD10	abhydrolase domain containing 10	L1
1418661_at	ABHD2	abhydrolase domain containing 2	
1417946_at	ABHD3	abhydrolase domain containing 3	L1
1455313_at	ABLIM2	actin binding LIM protein family, member 2	L1
1427595_at	ACACA	acetyl-CoA carboxylase alpha	
1453206_at	ACAD9	acyl-CoA dehydrogenase family, member 9	
1423644_at	ACO1	aconitase 1, soluble	L1
1431609_a_at	ACP5	acid phosphatase 5, tartrate resistant	
1448445_at	ACP6	acid phosphatase 6, lysophosphatidic	L1
1460316_at	ACSL1	acyl-CoA synthetase long-chain family member 1	L1
1427735_a_at	ACTA1	actin, alpha 1, skeletal muscle	
1416569_at	ACTL6A	actin-like 6A	L1
1423449_a_at	ACTN4	actinin, alpha 4	L1
1417157_at	ACTR10	actin-related protein 10 homolog (<i>S. cerevisiae</i>)	L1
1422561_at	ADAMTS5	ADAM metalloproteinase with thrombospondin type 1 motif, 5	
1433556_at	ADAP1	ArfGAP with dual PH domains 1	L1
1439613_at	ADCY10	adenylate cyclase 10 (soluble)	
1419811_at	ADCY9	adenylate cyclase 9	L1
1434454_at	ADCY9	adenylate cyclase 9	L1
1420953_at	ADD1	adducin 1 (alpha)	L1
1441094_at	Adh6b	alcohol dehydrogenase 6B (class V)	
1434329_s_at	ADIPOR2	adiponectin receptor 2	L1
1416319_at	ADK	adenosine kinase	L1
1450214_at	ADORA2B	adenosine A2b receptor	L1
1451992_at	ADRBK1	adrenergic, beta, receptor kinase 1	L1
1418372_at	ADSL	adenylosuccinate lyase	L1
1454727_at	AFAP1L1	actin filament associated protein 1-like 1	L1

1426923_at	AGFG1	ArfGAP with FG repeats 1	L1
1452237_at	AGFG1	ArfGAP with FG repeats 1	L1
1435591_at	AI426330	expressed sequence AI426330	L1
1442197_at	AI480624	expressed sequence AI480624	
1456399_at	AI842136	expressed sequence AI842136	L1
1443923_at	AKAP13	A kinase (PRKA) anchor protein 13	L1
1447912_x_at	AKAP9	A kinase (PRKA) anchor protein (yotiao) 9	L1
1448894_at	AKR1B10	aldo-keto reductase family 1, member B10 (aldose reductase)	L1
1428158_at	AKT1S1	AKT1 substrate 1 (proline-rich)	L1
1426300_at	ALCAM	activated leukocyte cell adhesion molecule	
1418844_at	ALG9	asparagine-linked glycosylation 9, alpha-1,2-mannosyltransferase homolog (<i>S. cerevisiae</i>)	
1434660_at	ALKBH1	alkB, alkylation repair homolog 1 (<i>E. coli</i>)	L1
1428904_at	AMMECR1L	AMME chromosomal region gene 1-like	L1
1422573_at	AMPD3	adenosine monophosphate deaminase 3	L1
1415707_at	ANAPC2	anaphase promoting complex subunit 2	
1448008_at	ANKHD1-EIF4EBP3	ANKHD1-EIF4EBP3 readthrough	L1
1435778_at	ANKRD11	ankyrin repeat domain 11	L1
1436967_at	ANKRD11	ankyrin repeat domain 11	L1
1437633_at	ANKRD11	ankyrin repeat domain 11	L1
1456110_at	ANKRD11	ankyrin repeat domain 11	L1
1443867_at	ANKRD12	ankyrin repeat domain 12	L1
1428239_at	ANKRD16	ankyrin repeat domain 16	L1
1444016_at	ANXA1	annexin A1	L1
1416307_at	AP1M1	adaptor-related protein complex 1, mu 1 subunit	L1
1426719_at	APBB2	amyloid beta (A4) precursor protein-binding, family B, member 2	L1
1424980_s_at	APH1A	anterior pharynx defective 1 homolog A (<i>C. elegans</i>)	L1

1421887_a_at	APLP2	amyloid beta (A4) precursor-like protein 2	L1
1423739_x_at	APLP2	amyloid beta (A4) precursor-like protein 2	L1
1416371_at	APOD	apolipoprotein D	
1452800_a_at	APOO	apolipoprotein O	L1
1429248_at	APOPT1	apoptogenic 1, mitochondrial	L1
1416203_at	AQP1	aquaporin 1 (Colton blood group)	L1
1418687_at	ARC	activity-regulated cytoskeleton-associated protein	L1
1421134_at	AREG/AREGB	amphiregulin	L1
1423052_at	ARF4	ADP-ribosylation factor 4	L1
1423053_at	ARF4	ADP-ribosylation factor 4	L1
1426534_a_at	ARFGAP3	ADP-ribosylation factor GTPase activating protein 3	L1
1424240_at	ARFIP2	ADP-ribosylation factor interacting protein 2	L1
1451309_at	ARHGAP1	Rho GTPase activating protein 1	L1
1431133_at	ARHGAP18	Rho GTPase activating protein 18	L1
1423194_at	ARHGAP5	Rho GTPase activating protein 5	L1
1419457_at	ARHGEF28	Rho guanine nucleotide exchange factor (GEF) 28	L1
1436725_at	ARHGEF39	Rho guanine nucleotide exchange factor (GEF) 39	
1436768_x_at	ARHGEF40	Rho guanine nucleotide exchange factor (GEF) 40	
1455810_a_at	ARHGEF40	Rho guanine nucleotide exchange factor (GEF) 40	
1431024_a_at	ARID4B	AT rich interactive domain 4B (RBP1-like)	
1451847_s_at	ARID4B	AT rich interactive domain 4B (RBP1-like)	L1
1420973_at	ARID5B	AT rich interactive domain 5B (MRF1-like)	L1
1417331_a_at	ARL6	ADP-ribosylation factor-like 6	L1
1425914_a_at	ARMCX1	armadillo repeat containing, X-linked 1	
1416226_at	ARPC1B	actin related protein 2/3 complex, subunit 1B, 41kDa	L1
1425572_a_at	ASAP1	ArfGAP with SH3 domain, ankyrin repeat and PH domain 1	

1425573_a_at	ASAP1	ArfGAP with SH3 domain, ankyrin repeat and PH domain 1	
1417361_at	ASB3/GPR75-ASB3	ankyrin repeat and SOCS box containing 3	L1
1437086_at	ASCL1	achaete-scute complex homolog 1 (Drosophila)	
1425274_at	ASPH	aspartate beta-hydroxylase	
1450058_at	ASPH	aspartate beta-hydroxylase	
1435077_at	ASXL1	additional sex combs like 1 (Drosophila)	L1
1446838_at	ATAD1	ATPase family, AAA domain containing 1	
1429396_at	ATG16L2	autophagy related 16-like 2 (S. cerevisiae)	L1
1428260_at	ATL1	atlastin GTPase 1	L1
1447851_x_at	ATP10A	ATPase, class V, type 10A	L1
1456388_at	ATP11A	ATPase, class VI, type 11A	
1427481_a_at	ATP1A3	ATPase, Na ⁺ /K ⁺ transporting, alpha 3 polypeptide	
1416551_at	ATP2A2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2	
1427251_at	ATP2A2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2	L1
1452363_a_at	ATP2A2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2	L1
1416391_at	ATP5J2-PTCD1/PTCD1	pentatricopeptide repeat domain 1	
1420947_at	ATRX	alpha thalassemia/mental retardation syndrome X-linked	
1420946_at	ATRX	alpha thalassemia/mental retardation syndrome X-linked	L1
1422576_at	ATXN10	ataxin 10	L1
1419866_s_at	ATXN2	ataxin 2	L1
1460653_at	ATXN2	ataxin 2	L1
1439497_at	ATXN7L1	ataxin 7-like 1	L1
1455492_at	B330016D10Rik	RIKEN cDNA B330016D10 gene	
1423084_at	B3GALT2	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2	
1425934_a_at	B4GALT4	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 4	L1

1421824_at	BACE1	beta-site APP-cleaving enzyme 1	L1
1425656_a_at	BAIAP2	BAI1-associated protein 2	L1
1451539_at	BAIAP2L1	BAI1-associated protein 2-like 1	
1423753_at	BAMBI	BMP and activin membrane-bound inhibitor homolog (<i>Xenopus laevis</i>)	L1
1426354_at	BAP1	BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)	L1
1433599_at	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	L1
1440805_at	BAZ1B	bromodomain adjacent to zinc finger domain, 1B	
1454684_at	BBS7	Bardet-Biedl syndrome 7	L1
1439388_s_at	BCAR1	breast cancer anti-estrogen resistance 1	L1
1450622_at	BCAR1	breast cancer anti-estrogen resistance 1	L1
1415936_at	BCAR3	breast cancer anti-estrogen resistance 3	
1418971_x_at	BCL10	B-cell CLL/lymphoma 10	
1418970_a_at	BCL10	B-cell CLL/lymphoma 10	L1
1418972_at	BCL10	B-cell CLL/lymphoma 10	L1
1424406_at	BCL2L13	BCL2-like 13 (apoptosis facilitator)	L1
1436023_at	BCLAF1	BCL2-associated transcription factor 1	L1
1454172_at	BCORL1	BCL6 corepressor-like 1	
1430549_at	BET1L	blocked early in transport 1 homolog (<i>S. cerevisiae</i>)-like	
1427488_a_at	BIRC6	baculoviral IAP repeat containing 6	
1420631_a_at	BLCAP	bladder cancer associated protein	L1
1426238_at	BMP1	bone morphogenetic protein 1	L1
1421103_at	BMP2K	BMP2 inducible kinase	L1
1422912_at	BMP4	bone morphogenetic protein 4	L1
1419616_at	BMPR2	bone morphogenetic protein receptor, type II (serine/threonine kinase)	
1428669_at	Bmyc	brain expressed myelocytomatosis oncogene	

1426869_at	BOC	Boc homolog (mouse)	L1
1460005_at	BOD1L1	biorientation of chromosomes in cell division 1-like 1	L1
1417040_a_at	BOK	BCL2-related ovarian killer	L1
1418378_at	BPIFB2	BPI fold containing family B, member 2	
1427311_at	BPTF	bromodomain PHD finger transcription factor	L1
1438771_at	BRD1	bromodomain containing 1	L1
1427192_a_at	BRD8	bromodomain containing 8	L1
1451137_a_at	BRD8	bromodomain containing 8	L1
1426312_at	BRE	brain and reproductive organ-expressed (TNFRSF1A modulator)	L1
1435153_at	BTBD6	BTB (POZ) domain containing 6	L1
1432910_at	BTBD7	BTB (POZ) domain containing 7	
1431230_a_at	BTBD9	BTB (POZ) domain containing 9	L1
1449007_at	BTG3	BTG family, member 3	L1
1428632_at	C11orf10	chromosome 11 open reading frame 10	L1
1439859_at	C12orf5	chromosome 12 open reading frame 5	L1
1430095_at	C12orf56	chromosome 12 open reading frame 56	
1451303_at	C14orf102	chromosome 14 open reading frame 102	L1
1416917_at	C14orf119	chromosome 14 open reading frame 119	L1
1428450_at	C15orf38	chromosome 15 open reading frame 38	L1
1426347_at	C15orf44	chromosome 15 open reading frame 44	L1
1426828_at	C16orf7	chromosome 16 open reading frame 7	L1
1452896_at	C16orf80	chromosome 16 open reading frame 80	L1
1420548_a_at	C16orf88	chromosome 16 open reading frame 88	L1
1428809_at	C17orf58	chromosome 17 open reading frame 58	L1
1416886_at	C1D	C1D nuclear receptor corepressor	L1

1419174_at	C1orf52	chromosome 1 open reading frame 52	L1
1416051_at	C2	complement component 2	L1
1457664_x_at	C2	complement component 2	L1
1438038_at	C20orf194	chromosome 20 open reading frame 194	L1
1424724_a_at	C21orf91	chromosome 21 open reading frame 91	L1
1428085_at	C2orf43	chromosome 2 open reading frame 43	L1
1437439_at	C5orf42	chromosome 5 open reading frame 42	L1
1423306_at	C5orf62	chromosome 5 open reading frame 62	L1
1428217_at	C6orf120	chromosome 6 open reading frame 120	
1453818_a_at	C6orf70	chromosome 6 open reading frame 70	L1
1458879_at	C76798	expressed sequence C76798	
1429451_at	C8orf37	chromosome 8 open reading frame 37	L1
1423879_at	C9orf40	chromosome 9 open reading frame 40	
1452307_at	CABLES2	Cdk5 and Abl enzyme substrate 2	L1
1436031_at	CACHD1	cache domain containing 1	
1452829_at	CAD	carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase	L1
1427763_a_at	CAMK2D	calcium/calmodulin-dependent protein kinase II delta	L1
1455751_at	CAND1	cullin-associated and neddylation-dissociated 1	L1
1427944_at	CAPRN2	caprin family member 2	
1452038_at	CAPZA1	capping protein (actin filament) muscle Z-line, alpha 1	L1
1455886_at	CBL	Cbl proto-oncogene, E3 ubiquitin protein ligase	L1
1451531_at	CBWD1	COBW domain containing 1	L1
1421933_at	CBX5	chromobox homolog 5	
1451442_at	CCDC104	coiled-coil domain containing 104	L1

1432094_a_at	CCDC132	coiled-coil domain containing 132	L1
1428261_at	CCDC134	coiled-coil domain containing 134	
1452721_a_at	CCDC53	coiled-coil domain containing 53	L1
1424187_at	CCDC80	coiled-coil domain containing 80	
1427138_at	CCDC88C	coiled-coil domain containing 88C	L1
1428505_at	CCDC90B	coiled-coil domain containing 90B	L1
1417789_at	CCL11	chemokine (C-C motif) ligand 11	L1
1420380_at	CCL13	chemokine (C-C motif) ligand 13	
1423622_a_at	CCNL1	cyclin L1	L1
1432195_s_at	CCNL2	cyclin L2	L1
1428413_at	CCNY	cyclin Y	L1
1433554_at	CCZ1/CCZ1B	CCZ1 vacuolar protein trafficking and biogenesis associated homolog B (<i>S. cerevisiae</i>)	L1
1422105_at	CD3E	CD3e molecule, epsilon (CD3-TCR complex)	L1
1419554_at	CD47	CD47 molecule	L1
1449507_a_at	CD47	CD47 molecule	L1
1456046_at	CD93	CD93 molecule	
1456746_a_at	Cd99I2	CD99 antigen-like 2	L1
1456747_x_at	Cd99I2	CD99 antigen-like 2	L1
1425556_at	CDK12	cyclin-dependent kinase 12	
1455567_at	CDK12	cyclin-dependent kinase 12	L1
1415956_a_at	CDK16	cyclin-dependent kinase 16	L1
1426885_a_at	CDK2AP1	cyclin-dependent kinase 2 associated protein 1	L1
1450674_at	CDK5	cyclin-dependent kinase 5	L1
1457625_s_at	CDKL2	cyclin-dependent kinase-like 2 (CDC2-related kinase)	
1417649_at	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)	
1418982_at	CEBPA	CCAAT/enhancer binding protein (C/EBP), alpha	L1
1427413_a_at	CELF1	CUGBP, Elav-like family member 1	
1429326_at	CENPL	centromere protein L	L1
1452470_at	CEP350	centrosomal protein 350kDa	
1437209_at	CEP76	centrosomal protein 76kDa	L1

1429670_a_at	CEP97	centrosomal protein 97kDa	
1448052_at	CGNL1	cingulin-like 1	
1438476_a_at	CHD4	chromodomain helicase DNA binding protein 4	
1437745_at	CHD7	chromodomain helicase DNA binding protein 7	L1
1455435_s_at	CHDH	choline dehydrogenase	
1451896_a_at	CHERP	calcium homeostasis endoplasmic reticulum protein	L1
1454023_a_at	CHPF	chondroitin polymerizing factor	L1
1452170_at	CHPF2	chondroitin polymerizing factor 2	L1
1426146_a_at	CHPT1	choline phosphotransferase 1	L1
1426866_at	CHST14	carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 14	
1417091_at	CHUK	conserved helix-loop-helix ubiquitous kinase	L1
1430992_s_at	CISD2	CDGSH iron sulfur domain 2	L1
1448724_at	CISH	cytokine inducible SH2-containing protein	L1
1437271_at	CLCF1	cardiotrophin-like cytokine factor 1	L1
1452702_at	CLCN7	chloride channel, voltage-sensitive 7	L1
1438467_at	CLEC10A	C-type lectin domain family 10, member A	L1
1456318_at	CLEC1A	C-type lectin domain family 1, member A	L1
1448250_at	CLMP	CXADR-like membrane protein	L1
1421861_at	CLSTN1	calsyntenin 1	L1
1441165_s_at	CLSTN2	calsyntenin 2	
1452597_at	CMC2	COX assembly mitochondrial protein 2 homolog (<i>S. cerevisiae</i>)	L1
1427980_at	CMIP	c-Maf inducing protein	L1
1451114_at	CMTM6	CKLF-like MARVEL transmembrane domain containing 6	L1
1436436_at	CNIH4	cornichon homolog 4 (<i>Drosophila</i>)	
1450981_at	CNN2	calponin 2	L1

1425480_at	CNOT6L	CCR4-NOT transcription complex, subunit 6-like	L1
1430519_a_at	CNOT7	CCR4-NOT transcription complex, subunit 7	L1
1421292_a_at	COBRA1	cofactor of BRCA1	L1
1433774_x_at	COG1	component of oligomeric golgi complex 1	L1
1449053_s_at	COG1	component of oligomeric golgi complex 1	L1
1416692_at	COIL	coilin	L1
1448755_at	COL15A1	collagen, type XV, alpha 1	L1
1424051_at	COL4A2	collagen, type IV, alpha 2	
1419703_at	COL5A3	collagen, type V, alpha 3	L1
1454642_a_at	COMMD3	COMM domain containing 3	L1
1449694_s_at	COMMD5	COMM domain containing 5	
1423301_at	COPB1	coatamer protein complex, subunit beta 1	L1
1416163_at	COPS4	COP9 constitutive photomorphogenic homolog subunit 4 (Arabidopsis)	L1
1423245_at	COPS7A	COP9 constitutive photomorphogenic homolog subunit 7A (Arabidopsis)	L1
1415934_at	COPS8	COP9 constitutive photomorphogenic homolog subunit 8 (Arabidopsis)	L1
1449660_s_at	CORO1C	coronin, actin binding protein, 1C	L1
1426693_x_at	COX15	COX15 homolog, cytochrome c oxidase assembly protein (yeast)	L1
1418709_at	COX7A1	cytochrome c oxidase subunit VIIa polypeptide 1 (muscle)	
1449218_at	Cox8b	cytochrome c oxidase, subunit VIIIb	
1417496_at	CP	ceruloplasmin (ferroxidase)	
1433439_at	CPNE1	copine I	L1
1423964_at	CPSF3L	cleavage and polyadenylation specific factor 3-like	L1
1448901_at	CPXM1	carboxypeptidase X (M14 family), member 1	L1
1456042_s_at	CRAMP1L	Crm, cramped-like (Drosophila)	
1431930_x_at	CRLS1	cardiolipin synthase 1	L1

1448592_at	CRTAP	cartilage associated protein	L1
1424660_s_at	CRTC2	CREB regulated transcription coactivator 2	L1
1429373_x_at	CRTC2	CREB regulated transcription coactivator 2	L1
1449932_at	CSNK1D	casein kinase 1, delta	L1
1460646_at	CSNK2A2	casein kinase 2, alpha prime polypeptide	L1
1422140_at	Csprs (includes others)	component of Sp100-rs	
1415702_a_at	CTBP1	C-terminal binding protein 1	L1
1421315_s_at	CTTN	cortactin	L1
1427620_at	CUL9	cullin 9	
1426455_at	CWC27	CWC27 spliceosome-associated protein homolog (<i>S. cerevisiae</i>)	
1427321_s_at	CXADR	coxsackie virus and adenovirus receptor	L1
1448823_at	Cxcl12	chemokine (C-X-C motif) ligand 12	
1448859_at	CXCL13	chemokine (C-X-C motif) ligand 13	L1
1417767_at	CYB5B	cytochrome b5 type B (outer mitochondrial membrane)	L1
1424048_a_at	CYB5R1	cytochrome b5 reductase 1	L1
1426307_at	CYB5R4	cytochrome b5 reductase 4	L1
1449406_at	CYHR1	cysteine/histidine-rich 1	L1
1422217_a_at	CYP1A1	cytochrome P450, family 1, subfamily A, polypeptide 1	L1
1460011_at	CYP26B1	cytochrome P450, family 26, subfamily B, polypeptide 1	
1425645_s_at	CYP2B6	cytochrome P450, family 2, subfamily B, polypeptide 6	L1
1419040_at	Cyp2d22	cytochrome P450, family 2, subfamily d, polypeptide 22	L1
1458126_at	D030041H20Rik	RIKEN cDNA D030041H20 gene	
1447526_at	D5Ert255e	DNA segment, Chr 5, ERATO Doi 255, expressed	
1433558_at	DAB2IP	DAB2 interacting protein	L1
1417937_at	DACT1	dapper, antagonist of beta-catenin, homolog 1 (<i>Xenopus laevis</i>)	

1426778_at	DAG1	dystroglycan 1 (dystrophin-associated glycoprotein 1)	L1
1423790_at	DAP	death-associated protein	L1
1438727_at	DCAF10	DDB1 and CUL4 associated factor 10	L1
1430059_at	DCAF12	DDB1 and CUL4 associated factor 12	L1
1424777_at	DCAF4	DDB1 and CUL4 associated factor 4	L1
1420526_at	DCBLD2	discoidin, CUB and LCCL domain containing 2	L1
1433606_at	DCP1A	DCP1 decapping enzyme homolog A (<i>S. cerevisiae</i>)	L1
1422521_at	DCTN1	dynactin 1	L1
1420862_at	DCTN4	dynactin 4 (p62)	L1
1429094_at	DDI2	DNA-damage inducible 1 homolog 2 (<i>S. cerevisiae</i>)	
1416071_at	DDX18	DEAD (Asp-Glu-Ala-Asp) box polypeptide 18	L1
1416751_a_at	DDX20	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20	L1
1423643_at	DDX39A	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39A	L1
1423814_at	DDX41	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41	L1
1447789_x_at	DDX6	DEAD (Asp-Glu-Ala-Asp) box helicase 6	L1
1451777_at	DDX60	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	L1
1423345_at	DEGS1	delta(4)-desaturase, sphingolipid 1	L1
1430406_at	DENND1B	DENN/MADD domain containing 1B	L1
1428622_at	DEPTOR	DEP domain containing MTOR-interacting protein	L1
1443579_s_at	DEPTOR	DEP domain containing MTOR-interacting protein	L1
1451348_at	DEPTOR	DEP domain containing MTOR-interacting protein	L1
1433563_s_at	DERL1	derlin 1	L1

1437051_at	DFFB	DNA fragmentation factor, 40kDa, beta polypeptide (caspase-activated DNase)	
1426738_at	DGKZ	diacylglycerol kinase, zeta	L1
1434004_at	DHPS	deoxyhypusine synthase	L1
1416140_a_at	DHX30	DEAH (Asp-Glu-Ala-His) box polypeptide 30	L1
1452693_at	DHX35	DEAH (Asp-Glu-Ala-His) box polypeptide 35	L1
1420769_at	DHX58	DEXH (Asp-Glu-X-His) box polypeptide 58	
1454654_at	DIRC2	disrupted in renal carcinoma 2	L1
1430161_at	DLST	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)	
1437775_at	DLST	dihydrolipoamide S-succinyltransferase (E2 component of 2-oxo-glutarate complex)	L1
1421544_at	DNAH11	dynein, axonemal, heavy chain 11	L1
1416756_at	DNAJB1	DnaJ (Hsp40) homolog, subfamily B, member 1	L1
1447055_at	DNAJC11	DnaJ (Hsp40) homolog, subfamily C, member 11	L1
1445337_at	DNAJC13	DnaJ (Hsp40) homolog, subfamily C, member 13	L1
1420220_x_at	DNAJC21	DnaJ (Hsp40) homolog, subfamily C, member 21	L1
1451389_at	DNAJC24	DnaJ (Hsp40) homolog, subfamily C, member 24	L1
1435117_a_at	DNAJC27	DnaJ (Hsp40) homolog, subfamily C, member 27	
1425035_s_at	DNMT3L	DNA (cytosine-5-)-methyltransferase 3-like	
1427881_at	DNTTIP2	deoxynucleotidyltransferase, terminal, interacting protein 2	L1
1427240_at	DOCK6	dedicator of cytokinesis 6	L1
1426739_at	DONSON	downstream neighbor of SON	L1

1448549_a_at	DPAGT1	dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminephosphotransferase 1 (GlcNAc-1-P transferase)	L1
1428656_at	DROSHA	drosha, ribonuclease type III	L1
1421276_a_at	DST	dystonin	L1
1417124_at	DSTN	destrin (actin depolymerizing factor)	L1
1438096_a_at	DTYMK	deoxythymidylate kinase (thymidylate kinase)	
1424066_at	DUS3L	dihydrouridine synthase 3-like (<i>S. cerevisiae</i>)	L1
1459805_x_at	DUS3L	dihydrouridine synthase 3-like (<i>S. cerevisiae</i>)	L1
1450698_at	DUSP2	dual specificity phosphatase 2	L1
1428834_at	DUSP4	dual specificity phosphatase 4	L1
1450978_at	DVL1	dishevelled, dsh homolog 1 (<i>Drosophila</i>)	L1
1434723_at	E130307A14Rik	RIKEN cDNA E130307A14 gene	
1417444_at	E2F5	E2F transcription factor 5, p130-binding	L1
1433555_at	EAF1	ELL associated factor 1	L1
1416302_at	EBF1	early B-cell factor 1	L1
1455741_a_at	ECE1	endothelin converting enzyme 1	L1
1419638_at	EFNB2	ephrin-B2	L1
1416131_s_at	EFR3A	EFR3 homolog A (<i>S. cerevisiae</i>)	L1
1416557_a_at	EFTUD2	elongation factor Tu GTP binding domain containing 2	L1
1438835_a_at	EFTUD2	elongation factor Tu GTP binding domain containing 2	L1
1434647_at	EGFLAM	EGF-like, fibronectin type III and laminin G domains	L1
1418649_at	EGLN3	egl nine homolog 3 (<i>C. elegans</i>)	
1449852_a_at	EHD4	EH-domain containing 4	L1
1460692_at	EHMT2	euchromatic histone-lysine N-methyltransferase 2	L1
1429350_at	EID3	EP300 interacting inhibitor of differentiation 3	L1
1422005_at	EIF2AK2	eukaryotic translation initiation factor 2-alpha kinase 2	
1441063_at	EIF2C3	eukaryotic translation initiation factor 2C, 3	

1455575_at	EIF4EBP2	eukaryotic translation initiation factor 4E binding protein 2	L1
1426833_at	EIF4G3	eukaryotic translation initiation factor 4 gamma, 3	L1
1451521_x_at	EIF4H	eukaryotic translation initiation factor 4H	L1
1434605_at	EIF5B	eukaryotic translation initiation factor 5B	
1428045_a_at	ELF2	E74-like factor 2 (ets domain transcription factor)	
1456098_a_at	ELMO2	engulfment and cell motility 2	L1
1434489_at	ELMO3	engulfment and cell motility 3	
1415774_at	ELP2	elongator acetyltransferase complex subunit 2	L1
1448882_at	EMC6	ER membrane protein complex subunit 6	L1
1435264_at	EMILIN2	elastin microfibril interfacier 2	L1
1423705_at	ENOPH1	enolase-phosphatase 1	L1
1441630_at	EP400	E1A binding protein p400	
1426860_at	EP400	E1A binding protein p400	L1
1447349_s_at	EP400	E1A binding protein p400	L1
1459619_at	EPB41L2	erythrocyte membrane protein band 4.1-like 2	L1
1419062_at	EPB41L3	erythrocyte membrane protein band 4.1-like 3	
1421815_at	EPDR1	ependymin related protein 1 (zebrafish)	L1
1428419_at	EPG5	ectopic P-granules autophagy protein 5 homolog (C. elegans)	
1421151_a_at	EPHA2	EPH receptor A2	
1452158_at	EPRS	glutamyl-prolyl-tRNA synthetase	L1
1441604_at	ESD	esterase D	L1
1451142_at	EXOC1	exocyst complex component 1	L1
1422684_a_at	EXOC4	exocyst complex component 4	
1460679_at	EXOSC4	exosome component 4	L1
1418290_a_at	EZH1	enhancer of zeste homolog 1 (Drosophila)	
1437308_s_at	F2R	coagulation factor II (thrombin) receptor	L1
1426893_at	FAM102A	family with sequence similarity 102, member A	L1

1436229_at	FAM126B	family with sequence similarity 126, member B	L1
1455793_at	FAM149A	family with sequence similarity 149, member A	L1
1434269_at	FAM149B1	family with sequence similarity 149, member B1	L1
1435686_at	FAM149B1	family with sequence similarity 149, member B1	L1
1453284_at	FAM151B	family with sequence similarity 151, member B	L1
1417402_at	Fam165b	family with sequence similarity 165, member B	L1
1419170_at	FAM174A	family with sequence similarity 174, member A	L1
1417688_at	FAM20C	family with sequence similarity 20, member C	
1436150_at	FAM219A	family with sequence similarity 219, member A	
1433588_at	FAM21A/FAM21C	family with sequence similarity 21, member C	L1
1454644_at	FAM40A	family with sequence similarity 40, member A	L1
1443747_at	FAM48A	family with sequence similarity 48, member A	L1
1428874_at	FAM96B	family with sequence similarity 96, member B	L1
1452280_at	FARP1	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)	L1
1460251_at	FAS	Fas (TNF receptor superfamily, member 6)	L1
1460635_at	FASTK	Fas-activated serine/threonine kinase	L1
1459749_s_at	FAT4	FAT tumor suppressor homolog 4 (Drosophila)	
1452860_at	FBXL17	F-box and leucine-rich repeat protein 17	L1
1418419_at	FBXL20	F-box and leucine-rich repeat protein 20	L1
1448747_at	FBXO32	F-box protein 32	
1427121_at	FBXO4	F-box protein 4	L1
1418323_at	FEM1B	fem-1 homolog b (C. elegans)	L1

1455337_at	FGD4	FYVE, RhoGEF and PH domain containing 4	
1439959_at	FGF11	fibroblast growth factor 11	
1424050_s_at	FGFR1	fibroblast growth factor receptor 1	
1451912_a_at	FGFRL1	fibroblast growth factor receptor-like 1	L1
1416044_at	FLII	flightless I homolog (Drosophila)	L1
1448189_a_at	FLII	flightless I homolog (Drosophila)	L1
1442107_at	FLNB	filamin B, beta	
1417544_a_at	FLOT2	flotillin 2	L1
1434414_at	FOXRED2	FAD-dependent oxidoreductase domain containing 2	
1423681_at	FTSJD2	FtsJ methyltransferase domain containing 2	L1
1437544_at	FUBP1	far upstream element (FUSE) binding protein 1	
1419761_a_at	GABPB1	GA binding protein transcription factor, beta subunit 1	
1440868_at	GABPB2	GA binding protein transcription factor, beta subunit 2	
1418194_at	GALNT10	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 10 (GalNAc-T10)	L1
1422558_at	GAMT	guanidinoacetate N-methyltransferase	
1415787_at	GANAB	glucosidase, alpha; neutral AB	L1
1436385_at	GANC	glucosidase, alpha; neutral C	L1
1425599_a_at	GATAD1	GATA zinc finger domain containing 1	L1
1423992_at	GATAD2A	GATA zinc finger domain containing 2A	L1
1419484_a_at	GBAS	glioblastoma amplified sequence	
1420654_a_at	GBE1	glucan (1,4-alpha-), branching enzyme 1	L1
1418627_at	GCLM	glutamate-cysteine ligase, modifier subunit	L1
1439050_at	GCLM	glutamate-cysteine ligase, modifier subunit	L1
1455180_at	GCOM1	GRINL1A complex locus 1	L1

1423554_at	GGCX	gamma-glutamyl carboxylase	L1
1419595_a_at	GGH	gamma-glutamyl hydrolase (conjugase, folylpolygammaglutamyl hydrolase)	L1
1419502_at	GHDC	GH3 domain containing	L1
1428713_s_at	GIN52	GIN5 complex subunit 2 (Psf2 homolog)	
1447787_x_at	GJC1	gap junction protein, gamma 1, 45kDa	L1
1430385_a_at	GLB1L	galactosidase, beta 1-like	L1
1433728_at	GLB1L2	galactosidase, beta 1-like 2	
1451972_at	GLCCI1	glucocorticoid induced transcript 1	L1
1452033_at	GLE1	GLE1 RNA export mediator homolog (yeast)	L1
1428270_at	GLT8D1	glycosyltransferase 8 domain containing 1	L1
1419443_at	Gm10094/Sap18	Sin3-associated polypeptide 18	L1
1436265_at	Gm10419	predicted gene 10419	L1
1430285_at	Gm14057	Ppp1r14c pseudogene	
1456547_at	Gm19313	predicted gene, 19313	L1
1441233_at	Gm19858	predicted gene, 19858	L1
1420304_x_at	Gm19974	predicted gene, 19974	L1
1460021_at	Gm6658	predicted gene 6658	
1446470_at	Gm9799	predicted gene 9799	L1
1447246_at	Gm9873	predicted gene 9873	L1
1417069_a_at	GMFB	glia maturation factor, beta	
1434254_at	GNA11	guanine nucleotide binding protein (G protein), alpha 11 (Gq class)	L1
1426579_at	GNL2	guanine nucleotide binding protein- like 2 (nucleolar)	L1
1437566_at	GNL2	guanine nucleotide binding protein- like 2 (nucleolar)	L1
1423157_at	GNPNAT1	glucosamine-phosphate N- acetyltransferase 1	L1
1436526_at	GNPTG	N-acetylglucosamine-1-phosphate transferase, gamma subunit	L1
1424385_at	GON4L	gon-4-like (C. elegans)	L1
1458365_at	GORAB	golgin, RAB6-interacting	L1

1451671_at	GORASP1	golgi reassembly stacking protein 1, 65kDa	L1
1450970_at	GOT1	glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1)	L1
1437417_s_at	GPC6	glypican 6	L1
1434344_at	GPKOW	G patch domain and KOW motifs	L1
1418379_s_at	GPR124	G protein-coupled receptor 124	L1
1417245_at	GPR180	G protein-coupled receptor 180	L1
1415699_a_at	GPS1	G protein pathway suppressor 1	L1
1441894_s_at	GRASP	GRP1 (general receptor for phosphoinositides 1)-associated scaffold protein	
1424030_at	GRHL1	grainyhead-like 1 (Drosophila)	
1427046_at	GRHL2	grainyhead-like 2 (Drosophila)	L1
1420563_at	GRIA3	glutamate receptor, ionotropic, AMPA 3	
1451672_at	GRK6	G protein-coupled receptor kinase 6	L1
1433457_s_at	GRSF1	G-rich RNA sequence binding factor 1	L1
1439931_at	GSK3B	glycogen synthase kinase 3 beta	
1434568_at	GTF3C6	general transcription factor IIIc, polypeptide 6, alpha 35kDa	L1
1416690_at	GTPBP2	GTP binding protein 2	L1
1423878_at	GYPC	glycophorin C (Gerbich blood group)	L1
1424771_at	H2AFJ	H2A histone family, member J	L1
1451229_at	HDAC11	histone deacetylase 11	L1
1448928_at	HDAC6	histone deacetylase 6	L1
1449615_s_at	HDLBP	high density lipoprotein binding protein	L1
1435013_at	HEATR2	HEAT repeat containing 2	L1
1437970_at	HEATR2	HEAT repeat containing 2	L1
1424141_at	HECTD1	HECT domain containing E3 ubiquitin protein ligase 1	L1
1433524_at	HECTD4	HECT domain containing E3 ubiquitin protein ligase 4	
1434060_at	HERC1	HECT and RLD domain containing E3 ubiquitin protein ligase family member 1	L1

1444228_s_at	HERC2	HECT and RLD domain containing E3 ubiquitin protein ligase 2	
1434844_at	HEXDC	hexosaminidase (glycosyl hydrolase family 20, catalytic domain) containing	
1448359_a_at	Higd1a	HIG1 domain family, member 1A	L1
1448512_at	HILS1	histone linker H1 domain, spermatid-specific 1, pseudogene	L1
1434557_at	HIP1	huntingtin interacting protein 1	L1
1429566_a_at	HIPK2	homeodomain interacting protein kinase 2	L1
1456022_at	HIPK2	homeodomain interacting protein kinase 2	L1
1419191_at	HIPK3	homeodomain interacting protein kinase 3	L1
1422948_s_at	Hist2h4 (includes others)	histone cluster 2, H4	L1
1458802_at	HIVEP3	human immunodeficiency virus type I enhancer binding protein 3	
1417637_a_at	HMG20B	high mobility group 20B	L1
1448239_at	HMOX1	heme oxygenase (decycling) 1	L1
1452030_a_at	HNRNPR	heterogeneous nuclear ribonucleoprotein R	L1
1419350_at	HOOK2	hook homolog 2 (Drosophila)	
1439196_at	HOOK3	hook homolog 3 (Drosophila)	L1
1427362_x_at	HOXC6	homeobox C6	L1
1450647_at	HPS3	Hermansky-Pudlak syndrome 3	
1434677_at	HPS5	Hermansky-Pudlak syndrome 5	L1
1449038_at	HSD11B1	hydroxysteroid (11-beta) dehydrogenase 1	
1424622_at	HSF1	heat shock transcription factor 1	L1
1434051_s_at	HSPA12A	heat shock 70kDa protein 12A	L1
1458385_at	HSPA4L	heat shock 70kDa protein 4-like	
1447824_x_at	HSPA5	heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa)	L1
1427029_at	HTRA3	HtrA serine peptidase 3	L1
1415703_at	HUWE1	HECT, UBA and WWE domain containing 1, E3 ubiquitin protein ligase	L1

1443183_at	HUWE1	HECT, UBA and WWE domain containing 1, E3 ubiquitin protein ligase	L1
1452154_at	IARS	isoleucyl-tRNA synthetase	L1
1423259_at	ID4	inhibitor of DNA binding 4, dominant negative helix-loop-helix protein	
1441271_at	IDH3B	isocitrate dehydrogenase 3 (NAD+) beta	L1
1454628_at	IFFO1	intermediate filament family orphan 1	L1
1451462_a_at	IFNAR2	interferon (alpha, beta and omega) receptor 2	L1
1424648_at	IFT27	intraflagellar transport 27 homolog (Chlamydomonas)	L1
1434299_x_at	IFT27	intraflagellar transport 27 homolog (Chlamydomonas)	L1
1439764_s_at	IGF2BP2	insulin-like growth factor 2 mRNA binding protein 2	
1440979_at	IGF2R	insulin-like growth factor 2 receptor	L1
1422826_at	IGFALS	insulin-like growth factor binding protein, acid labile subunit	L1
1458268_s_at	IGFBP3	insulin-like growth factor binding protein 3	L1
1437804_at	IGFBP7	insulin-like growth factor binding protein 7	
1423584_at	IGFBP7	insulin-like growth factor binding protein 7	L1
1425763_x_at	IGHA1	immunoglobulin heavy constant alpha 1	
1427329_a_at	IGHM	immunoglobulin heavy constant mu	L1
1427351_s_at	IGHM	immunoglobulin heavy constant mu	L1
1424305_at	IGJ	immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides	
1452557_a_at	Igk	immunoglobulin kappa chain complex	

1429065_at	IKBIP	IKBKB interacting protein	L1
1418219_at	IL15	interleukin 15	L1
1448681_at	IL15RA	interleukin 15 receptor, alpha	
1435714_x_at	IL17D	interleukin 17D	L1
1420904_at	IL17RA	interleukin 17 receptor A	L1
1420905_at	IL17RA	interleukin 17 receptor A	L1
1449942_a_at	ILK	integrin-linked kinase	L1
1454658_at	ILVBL	ilvB (bacterial acetolactate synthase)-like	L1
1423229_at	INPP5E	inositol polyphosphate-5-phosphatase, 72 kDa	L1
1442100_at	INPP5F	inositol polyphosphate-5-phosphatase F	L1
1460394_a_at	INPPL1	inositol polyphosphate phosphatase-like 1	L1
1426943_at	INTS1	integrator complex subunit 1	L1
1448668_a_at	IRAK1	interleukin-1 receptor-associated kinase 1	L1
1435040_at	IRAK3	interleukin-1 receptor-associated kinase 3	L1
1430316_at	ISPD	isoprenoid synthase domain containing	
1423837_at	IST1	increased sodium tolerance 1 homolog (yeast)	L1
1423838_s_at	IST1	increased sodium tolerance 1 homolog (yeast)	L1
1415977_at	ISYNA1	inositol-3-phosphate synthase 1	L1
1456498_at	ITGA4	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)	
1450029_s_at	ITGA9	integrin, alpha 9	L1
1417279_at	ITPR1	inositol 1,4,5-trisphosphate receptor, type 1	L1
1427287_s_at	ITPR2	inositol 1,4,5-trisphosphate receptor, type 2	L1
1425899_a_at	ITSN1	intersectin 1 (SH3 domain protein)	L1
1433805_at	JAK1	Janus kinase 1	L1
1460577_at	JMY	junction mediating and regulatory protein, p53 cofactor	L1
1433742_at	KANK1	KN motif and ankyrin repeat domains 1	L1

1438400_at	KANSL3	KAT8 regulatory NSL complex subunit 3	L1
1433433_at	KAT7	K(lysine) acetyltransferase 7	L1
1423179_at	KCNB1	potassium voltage-gated channel, Shab-related subfamily, member 1	L1
1418142_at	KCNJ8	potassium inwardly-rectifying channel, subfamily J, member 8	L1
1449158_at	KCNK2	potassium channel, subfamily K, member 2	
1425341_at	KCNK3	potassium channel, subfamily K, member 3	L1
1440355_at	Kctd12b	potassium channel tetramerisation domain containing 12b	L1
1435525_at	KCTD17	potassium channel tetramerisation domain containing 17	L1
1448302_at	KCTD20	potassium channel tetramerisation domain containing 20	L1
1436811_at	KCTD3	potassium channel tetramerisation domain containing 3	L1
1439691_at	KIAA0232	KIAA0232	
1454721_at	KIAA0317	KIAA0317	L1
1427978_at	KIAA0494	KIAA0494	L1
1427319_at	KIAA1033	KIAA1033	
1457678_at	KIAA1468	KIAA1468	
1424913_at	KIAA1737	KIAA1737	L1
1447853_x_at	KIF13A	kinesin family member 13A	
1423995_at	KIF1B	kinesin family member 1B	L1
1417395_at	KLF4	Kruppel-like factor 4 (gut)	L1
1418280_at	KLF6	Kruppel-like factor 6	
1460678_at	KLHDC2	kelch domain containing 2	L1
1455910_at	KLHDC3	kelch domain containing 3	
1428081_at	KLHL21	kelch-like 21 (Drosophila)	L1
1426481_at	KLHL22	kelch-like 22 (Drosophila)	L1
1417975_at	KPNA4	karyopherin alpha 4 (importin alpha 3)	
1416925_at	KPNB1	karyopherin (importin) beta 1	L1

1435472_at	KREMEN1	kringle containing transmembrane protein 1	L1
1428084_at	KRR1	KRR1, small subunit (SSU) processome component, homolog (yeast)	L1
1427352_at	KRT79	keratin 79	
1460185_at	KRT85	keratin 85	L1
1416106_at	KTI12	KTI12 homolog, chromatin associated (S. cerevisiae)	L1
1427073_at	LACE1	lactation elevated 1	L1
1424808_at	LAMA4	laminin, alpha 4	
1416513_at	LAMB2	laminin, beta 2 (laminin 5)	L1
1448718_at	LAMTOR1	late endosomal/lysosomal adaptor, MAPK and MTOR activator 1	
1428310_at	LARP7	La ribonucleoprotein domain family, member 7	L1
1456309_x_at	LASP1	LIM and SH3 protein 1	
1460173_at	LASP1	LIM and SH3 protein 1	
1417044_at	LCMT1	leucine carboxyl methyltransferase 1	L1
1452752_at	LEPRE1	leucine proline-enriched proteoglycan (leprecan) 1	
1421217_a_at	LGALS9	lectin, galactoside-binding, soluble, 9	L1
1448883_at	LGMN	legumain	L1
1425094_a_at	LHX6	LIM homeobox 6	L1
1421207_at	LIF	leukemia inhibitory factor	L1
1425107_a_at	LIFR	leukemia inhibitory factor receptor alpha	L1
1435727_s_at	LIMA1	LIM domain and actin binding 1	
1450629_at	LIMA1	LIM domain and actin binding 1	
1422499_at	LIMA1	LIM domain and actin binding 1	L1
1416869_x_at	LIME1	Lck interacting transmembrane adaptor 1	L1
1448500_a_at	LIME1	Lck interacting transmembrane adaptor 1	L1
1448531_at	LMNB2	lamin B2	L1
1420981_a_at	LMO4	LIM domain only 4	L1
1438432_at	LNPEP	leucyl/cystinyl aminopeptidase	
1446154_at	LOC100047123	uncharacterized LOC100047123	L1
1455465_at	LOC100505262	uncharacterized LOC100505262	

1427820_at	LOC100861696	uncharacterized LOC100861696	
1447975_a_at	LOC545261	uncharacterized LOC545261	L1
1442430_at	LOC646498	uncharacterized LOC646498	L1
1460178_at	LONP2	lon peptidase 2, peroxisomal	L1
1448606_at	LPAR1	lysophosphatidic acid receptor 1	
1431056_a_at	LPL	lipoprotein lipase	L1
1454756_at	LRCH3	leucine-rich repeats and calponin homology (CH) domain containing 3	L1
1416836_at	LRP10	low density lipoprotein receptor-related protein 10	L1
1433536_at	LRP11	low density lipoprotein receptor-related protein 11	L1
1451022_at	LRP6	low density lipoprotein receptor-related protein 6	
1424353_at	LRPPRC	leucine-rich pentatricopeptide repeat containing	L1
1435648_at	LRRN4	leucine rich repeat neuronal 4	L1
1429176_at	LRSAM1	leucine rich repeat and sterile alpha motif containing 1	L1
1425548_a_at	Lst1	leukocyte specific transcript 1	L1
1426813_at	LTV1	LTV1 homolog (<i>S. cerevisiae</i>)	L1
1452708_a_at	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	
1427087_at	LUC7L2	LUC7-like 2 (<i>S. cerevisiae</i>)	
1428384_at	LURAP1L	leucine rich adaptor protein 1-like	L1
1423547_at	Lyz1/Lyz2	lysozyme 2	L1
1450927_at	LZTR1	leucine-zipper-like transcription regulator 1	L1
1423031_at	MAEA	macrophage erythroblast attacher	L1
1451716_at	MAFB	v-maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian)	L1
1426306_a_at	MAGED2	melanoma antigen family D, 2	L1
1422431_at	MAGEE1	melanoma antigen family E, 1	L1
1454855_at	MAGI2	membrane associated guanylate kinase, WW and PDZ domain containing 2	L1
1418188_a_at	MALAT1	metastasis associated lung adenocarcinoma transcript 1 (non-protein coding)	

1418189_s_at	MALAT1	metastasis associated lung adenocarcinoma transcript 1 (non-protein coding)	
1452378_at	MALAT1	metastasis associated lung adenocarcinoma transcript 1 (non-protein coding)	
1438403_s_at	MALAT1	metastasis associated lung adenocarcinoma transcript 1 (non-protein coding)	L1
1417110_at	MAN1A1	mannosidase, alpha, class 1A, member 1	
1417111_at	MAN1A1	mannosidase, alpha, class 1A, member 1	L1
1456534_at	MAN1A2	mannosidase, alpha, class 1A, member 2	
1428024_at	MAP1LC3B	microtubule-associated protein 1 light chain 3 beta	L1
1451714_a_at	MAP2K3	mitogen-activated protein kinase kinase 3	L1
1425512_at	MAP2K7	mitogen-activated protein kinase kinase 7	L1
1439467_at	MAP4	microtubule-associated protein 4	
1422615_at	MAP4K4	mitogen-activated protein kinase kinase kinase 4	L1
1422550_a_at	MAP6	microtubule-associated protein 6	
1457316_at	MAP6	microtubule-associated protein 6	
1425679_a_at	MAPK8IP1	mitogen-activated protein kinase 8 interacting protein 1	
1425975_a_at	MAPK8IP3	mitogen-activated protein kinase 8 interacting protein 3	L1
1426648_at	MAPKAPK2	mitogen-activated protein kinase-activated protein kinase 2	L1
1437494_at	MAPKAPK3	mitogen-activated protein kinase-activated protein kinase 3	L1
1417016_at	MAPKAPK5	mitogen-activated protein kinase-activated protein kinase 5	L1
1422765_at	MAPRE1	microtubule-associated protein, RP/EB family, member 1	

1428820_at	MAPRE1	microtubule-associated protein, RP/EB family, member 1	
1442553_at	MAPRE2	microtubule-associated protein, RP/EB family, member 2	L1
1419442_at	MATN2	matrilin 2	L1
1440299_at	MB21D1	Mab-21 domain containing 1	
1441388_at	MBD2	methyl-CpG binding domain protein 2	L1
1437704_at	MBLAC2	metallo-beta-lactamase domain containing 2	L1
1457924_at	MBNL1	muscleblind-like splicing regulator 1	L1
1448711_at	MCM3AP	minichromosome maintenance complex component 3 associated protein	L1
1455117_at	MCM9	minichromosome maintenance complex component 9	L1
1424348_at	MCMBP	minichromosome maintenance complex binding protein	L1
1416671_a_at	MCOLN1	mucolipin 1	L1
1416535_at	MCRS1	microspherule protein 1	L1
1451058_at	Mcts2	malignant T cell amplified sequence 2	L1
1458223_at	MDM4	Mdm4 p53 binding protein homolog (mouse)	L1
1426572_at	ME2	malic enzyme 2, NAD(+)-dependent, mitochondrial	L1
1425585_at	MED12	mediator complex subunit 12	L1
1436904_at	MED13	mediator complex subunit 13	
1448435_at	MED15	mediator complex subunit 15	L1
1425473_at	MED17	mediator complex subunit 17	L1
1417129_a_at	MEIS2	Meis homeobox 2	L1
1428582_at	METTL10	methyltransferase like 10	L1
1452950_at	METTL15	methyltransferase like 15	L1
1434749_at	METTL25	methyltransferase like 25	
1417710_at	METTL9	methyltransferase like 9	L1
1451572_a_at	MFF	mitochondrial fission factor	L1
1452335_at	MFSD8	major facilitator superfamily domain containing 8	L1
1452037_at	MGAT2	mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	L1

1431331_at	MGLL	monoglyceride lipase	
1454645_at	MGRN1	mahogunin ring finger 1, E3 ubiquitin protein ligase	L1
1459984_at	MIA3	melanoma inhibitory activity family, member 3	
1438726_at	MICAL2	microtubule associated monooxygenase, calponin and LIM domain containing 2	L1
1452916_at	MLL4	myeloid/lymphoid or mixed-lineage leukemia 4	L1
1441456_at	MMP24	matrix metalloproteinase 24 (membrane-inserted)	L1
1448291_at	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)	L1
1455099_at	MOGAT2	monoacylglycerol O-acyltransferase 2	
1449476_at	MOK	MOK protein kinase	
1454158_at	MPP7	membrane protein, palmitoylated 7 (MAGUK p55 subfamily member 7)	
1451858_at	MRGPRX3	MAS-related GPR, member X3	L1
1450866_a_at	MRPL17	mitochondrial ribosomal protein L17	L1
1416948_at	MRPL23	mitochondrial ribosomal protein L23	
1427158_at	MRPS30	mitochondrial ribosomal protein S30	L1
1452111_at	MRPS35	mitochondrial ribosomal protein S35	L1
1421230_a_at	MSI2	musashi homolog 2 (Drosophila)	L1
1434481_at	Msl1	male-specific lethal 1 homolog (Drosophila)	L1
1429601_x_at	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like	
1429600_at	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like	L1
1419387_s_at	MUC13	mucin 13, cell surface associated	L1
1422574_at	MXD4	MAX dimerization protein 4	
1434379_at	MXD4	MAX dimerization protein 4	L1

1434274_at	MYCBP2	MYC binding protein 2, E3 ubiquitin protein ligase	
1450651_at	MYO10	myosin X	L1
1451183_at	MYO19	myosin XIX	L1
1420426_at	MYO7B	myosin VIIIB	L1
1436307_at	MYO9A	myosin IXA	L1
1417707_at	N4BP2L1	NEDD4 binding protein 2-like 1	
1452914_at	N4BP2L1	NEDD4 binding protein 2-like 1	
1433766_at	NAA25	N(alpha)-acetyltransferase 25, NatB auxiliary subunit	L1
1415721_a_at	NAA60	N(alpha)-acetyltransferase 60, NatF catalytic subunit	L1
1448781_at	NAB1	NGFI-A binding protein 1 (EGR1 binding protein 1)	L1
1417153_at	NACC2	NACC family member 2, BEN and BTB (POZ) domain containing	L1
1429582_at	NACC2	NACC family member 2, BEN and BTB (POZ) domain containing	L1
1430359_a_at	NADSYN1	NAD synthetase 1	L1
1448746_at	NBN	nibrin	L1
1423699_at	NCAPH2	non-SMC condensin II complex, subunit H2	L1
1444086_at	NCKAP5	NCK-associated protein 5	L1
1418594_a_at	NCOA1	nuclear receptor coactivator 1	L1
1435234_at	NCOA2	nuclear receptor coactivator 2	
1415923_at	NDN	necdin homolog (mouse)	L1
1450976_at	NDRG1	N-myc downstream regulated 1	L1
1417664_a_at	NDRG3	NDRG family member 3	L1
1425850_a_at	NEK6	NIMA (never in mitosis gene a)-related kinase 6	
1438999_a_at	NFAT5	nuclear factor of activated T-cells 5, tonicity-responsive	
1457117_at	NFE2L2	nuclear factor (erythroid-derived 2)-like 2	L1
1427680_a_at	NFIB	nuclear factor I/B	L1
1423493_a_at	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)	L1
1436363_a_at	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)	L1
1436364_x_at	NFIX	nuclear factor I/X (CCAAT-binding transcription factor)	L1

1427705_a_at	NFKB1	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1	
1446718_at	NFKBIB	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta	L1
1434753_at	NFRKB	nuclear factor related to kappaB binding protein	L1
1423516_a_at	NID2	nidogen 2 (osteonidogen)	
1453345_at	NIPAL1	NIPA-like domain containing 1	
1442103_at	NIPBL	Nipped-B homolog (Drosophila)	
1423249_at	NKTR	natural killer-tumor recognition sequence	
1424981_at	NLN	neurolysin (metallopeptidase M3 family)	L1
1425646_at	NMRK1	nicotinamide riboside kinase 1	
1418222_at	NOA1	nitric oxide associated 1	L1
1423211_at	NOP10	NOP10 ribonucleoprotein homolog (yeast)	
1423210_a_at	NOP10	NOP10 ribonucleoprotein homolog (yeast)	L1
1421964_at	NOTCH3	notch 3	L1
1423086_at	NPC1	Niemann-Pick disease, type C1	L1
1427191_at	NPR2	natriuretic peptide receptor B/guanylate cyclase B (atrionatriuretic peptide receptor B)	L1
1433548_at	NPRL3	nitrogen permease regulator-like 3 (S. cerevisiae)	L1
1426464_at	NR1D1	nuclear receptor subfamily 1, group D, member 1	
1418605_at	NR2C1	nuclear receptor subfamily 2, group C, member 1	L1
1420410_at	NR5A2	nuclear receptor subfamily 5, group A, member 2	
1417985_at	NRARP	NOTCH-regulated ankyrin repeat protein	L1
1423864_at	NRBP1	nuclear receptor binding protein 1	L1
1418469_at	NRIP1	nuclear receptor interacting protein 1	

1449089_at	NRIP1	nuclear receptor interacting protein 1	L1
1423132_a_at	NSA2	NSA2 ribosome biogenesis homolog (<i>S. cerevisiae</i>)	
1422456_at	NSF	N-ethylmaleimide-sensitive factor	L1
1447705_at	NSL1	NSL1, MIND kinetochore complex component, homolog (<i>S. cerevisiae</i>)	
1416412_at	NSMAF	neutral sphingomyelinase (N-SMase) activation associated factor	L1
1428213_at	NSMCE4A	non-SMC element 4 homolog A (<i>S.</i> <i>cerevisiae</i>)	L1
1418905_at	NUBP1	nucleotide binding protein 1	L1
1416903_at	NUCB1	nucleobindin 1	L1
1444952_a_at	NUCKS1	nuclear casein kinase and cyclin- dependent kinase substrate 1	L1
1442799_x_at	NUDCD3	NudC domain containing 3	L1
1437213_at	NUDT21	nudix (nucleoside diphosphate linked moiety X)-type motif 21	L1
1455966_s_at	NUDT21	nudix (nucleoside diphosphate linked moiety X)-type motif 21	L1
1460358_s_at	NUDT22	nudix (nucleoside diphosphate linked moiety X)-type motif 22	L1
1423787_at	NUP133	nucleoporin 133kDa	L1
1426447_at	NUP35	nucleoporin 35kDa	
1416073_a_at	NUP85	nucleoporin 85kDa	L1
1434220_at	Nup98	nucleoporin 98	L1
1416452_at	OAT	ornithine aminotransferase	L1
1426764_at	OAZ2	ornithine decarboxylase antizyme 2	L1
1438396_at	OCRL	oculocerebrorenal syndrome of Lowe	
1451888_a_at	ODZ4	odz, odd Oz/ten-m homolog 4 (<i>Drosophila</i>)	
1434530_at	ODZ4	odz, odd Oz/ten-m homolog 4 (<i>Drosophila</i>)	L1
1455993_at	ODZ4	odz, odd Oz/ten-m homolog 4 (<i>Drosophila</i>)	L1
1426562_a_at	OLFM1	olfactomedin 1	L1
1432098_a_at	OlfR701	olfactory receptor 701	

1419534_at	OLR1	oxidized low density lipoprotein (lectin-like) receptor 1	L1
1435679_at	OPTN	optineurin	L1
1418227_at	ORC2	origin recognition complex, subunit 2	L1
1453804_a_at	ORC4	origin recognition complex, subunit 4	L1
1428355_at	OSBP2	oxysterol binding protein 2	L1
1434223_at	OSCP1	organic solute carrier partner 1	
1428557_a_at	OSGEPL1	O-sialoglycoprotein endopeptidase-like 1	L1
1426000_at	OXTR	oxytocin receptor	
1419853_a_at	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7	L1
1426519_at	P4HA1	prolyl 4-hydroxylase, alpha polypeptide I	
1437465_a_at	P4HB	prolyl 4-hydroxylase, beta polypeptide	L1
1435372_a_at	PA2G4	proliferation-associated 2G4, 38kDa	L1
1435762_at	PACS1	phosphofurin acidic cluster sorting protein 1	L1
1434255_at	PACS2	phosphofurin acidic cluster sorting protein 2	L1
1456403_at	PAG1	phosphoprotein associated with glycosphingolipid microdomains 1	
1430875_a_at	PAK1IP1	PAK1 interacting protein 1	
1427228_at	PALLD	palladin, cytoskeletal associated protein	
1423967_at	PALM	paralemmin	L1
1435004_at	PANK4	pantothenate kinase 4	L1
1415890_at	PAPSS1	3'-phosphoadenosine 5'-phosphosulfate synthase 1	L1
1425422_a_at	PARN	poly(A)-specific ribonuclease	L1
1451969_s_at	PARP3	poly (ADP-ribose) polymerase family, member 3	L1
1416818_at	PARVA	parvin, alpha	L1
1423302_a_at	PAXIP1	PAX interacting (with transcription-activation domain) protein 1	L1

1423303_at	PAXIP1	PAX interacting (with transcription-activation domain) protein 1	L1
1436920_at	PCDH17	protocadherin 17	L1
1437360_at	PCDH19	protocadherin 19	L1
1448933_at	PCDHB16	protocadherin beta 16	L1
1419048_at	PCNX	pecanex homolog (Drosophila)	L1
1434020_at	PDAP1	PDGFA associated protein 1	L1
1423534_at	PDCD2	programmed cell death 2	L1
1426844_a_at	PDCD2L	programmed cell death 2-like	L1
1426845_at	PDCD2L	programmed cell death 2-like	L1
1433761_at	PDE4DIP	phosphodiesterase 4D interacting protein	L1
1425279_at	PDIK1L	PDLIM1 interacting kinase 1 like	L1
1441285_at	PDP2	pyruvate dehydrogenase phosphatase catalytic subunit 2	L1
1431893_a_at	PDSS1	prenyl (decaprenyl) diphosphate synthase, subunit 1	L1
1452705_at	PDXDC1	pyridoxal-dependent decarboxylase domain containing 1	L1
1421287_a_at	PECAM1	platelet/endothelial cell adhesion molecule 1	L1
1453207_at	PET100	PET100 homolog (S. cerevisiae)	
1456646_at	PEX10	peroxisomal biogenesis factor 10	L1
1417442_a_at	PEX3	peroxisomal biogenesis factor 3	L1
1454044_a_at	PEX3	peroxisomal biogenesis factor 3	L1
1422091_at	PFKFB2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	L1
1416432_at	PFKFB3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	L1
1426554_a_at	PGAM1	phosphoglycerate mutase 1 (brain)	L1
1438774_s_at	PGM2L1	phosphoglucomutase 2-like 1	
1456606_a_at	PHACTR1	phosphatase and actin regulator 1	L1
1423212_at	PHC1	polyhomeotic homolog 1 (Drosophila)	L1
1452179_at	PHF17	PHD finger protein 17	L1
1421069_at	PHF2	PHD finger protein 2	

1457264_at	PHF20L1	PHD finger protein 20-like 1	
1417837_at	PHLDA2	pleckstrin homology-like domain, family A, member 2	
1437115_at	PHRF1	PHD and ring finger domains 1	L1
1451115_at	PIAS3	protein inhibitor of activated STAT, 3	L1
1428488_at	PIGK	phosphatidylinositol glycan anchor biosynthesis, class K	L1
1433429_at	PIGS	phosphatidylinositol glycan anchor biosynthesis, class S	L1
1437956_at	PIK3R6	phosphoinositide-3-kinase, regulatory subunit 6	L1
1416387_at	PIP4K2C	phosphatidylinositol-5-phosphate 4-kinase, type II, gamma	L1
1426449_a_at	PJA1	praja ring finger 1, E3 ubiquitin protein ligase	L1
1420259_at	PKP2	plakophilin 2	L1
1450533_a_at	PLAGL1	pleiomorphic adenoma gene-like 1	
1448786_at	PLBD1	phospholipase B domain containing 1	L1
1416675_s_at	PLCD1	phospholipase C, delta 1	L1
1448432_at	PLCD1	phospholipase C, delta 1	L1
1416013_at	PLD3	phospholipase D family, member 3	L1
1460341_at	PLEKHB2	pleckstrin homology domain containing, family B (evectins) member 2	L1
1418595_at	PLIN4	perilipin 4	L1
1415901_at	PLOD3	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3	L1
1418912_at	PLXDC2	plexin domain containing 2	L1
1424661_at	PMPCA	peptidase (mitochondrial processing) alpha	
1429709_at	PMPCB	peptidase (mitochondrial processing) beta	L1
1453185_at	PNISR	PNN-interacting serine/arginine-rich protein	
1429537_at	PNISR	PNN-interacting serine/arginine-rich protein	L1

1423325_at	PNN	pinin, desmosome associated protein	L1
1450735_at	PNO1	partner of NOB1 homolog (S. cerevisiae)	L1
1444288_at	PNPT1	polyribonucleotide nucleotidyltransferase 1	L1
1419265_at	POC5	POC5 centriolar protein homolog (Chlamydomonas)	L1
1416573_at	POFUT2	protein O-fucosyltransferase 2	L1
1448384_at	POFUT2	protein O-fucosyltransferase 2	L1
1449352_at	POLL	polymerase (DNA directed), lambda	L1
1456066_a_at	POLR1A	polymerase (RNA) I polypeptide A, 194kDa	L1
1415754_at	POLR2F	polymerase (RNA) II (DNA directed) polypeptide F	
1453256_at	POLR3C	polymerase (RNA) III (DNA directed) polypeptide C (62kD)	L1
1450686_at	PON2	paraoxonase 2	L1
1451210_at	PPAP2C	phosphatidic acid phosphatase type 2C	L1
1428154_s_at	PPAPDC1B	phosphatidic acid phosphatase type 2 domain containing 1B	L1
1417801_a_at	PPFIBP2	PTPRF interacting protein, binding protein 2 (liprin beta 2)	L1
1416498_at	PPIC	peptidylprolyl isomerase C (cyclophilin C)	L1
1434475_at	PPIG	peptidylprolyl isomerase G (cyclophilin G)	
1460584_at	PIP5K1	diphosphoinositol pentakisphosphate kinase 1	L1
1453171_s_at	PPM1A	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1A	L1
1454934_at	PPM1F	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1F	L1
1435699_at	PPM1L	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1L	
1434786_at	PPP1R12B	protein phosphatase 1, regulatory subunit 12B	L1
1454848_at	PPP1R12C	protein phosphatase 1, regulatory subunit 12C	L1

1436716_at	PPP1R14B	protein phosphatase 1, regulatory (inhibitor) subunit 14B	
1436366_at	PPP1R15B	protein phosphatase 1, regulatory subunit 15B	
1426798_a_at	PPP1R15B	protein phosphatase 1, regulatory subunit 15B	L1
1417341_a_at	Ppp1r2	protein phosphatase 1, regulatory (inhibitor) subunit 2	L1
1442024_at	PPP1R3E	protein phosphatase 1, regulatory subunit 3E	L1
1437730_at	PPP2R2A	protein phosphatase 2, regulatory subunit B, alpha	L1
1428463_a_at	PPP2R5E	protein phosphatase 2, regulatory subunit B', epsilon isoform	L1
1424115_at	PPP5C	protein phosphatase 5, catalytic subunit	L1
1424116_x_at	PPP5C	protein phosphatase 5, catalytic subunit	L1
1451242_a_at	PPP5C	protein phosphatase 5, catalytic subunit	L1
1422468_at	PPT1	palmitoyl-protein thioesterase 1	L1
1439160_at	PRAMEF7/PRAMEF8	PRAME family member 8	
1452208_at	PRDM4	PR domain containing 4	L1
1436962_at	PRDM6	PR domain containing 6	
1416167_at	PRDX4	peroxiredoxin 4	L1
1455667_at	PREB	prolactin regulatory element binding	L1
1424119_at	PRKAB1	protein kinase, AMP-activated, beta 1 non-catalytic subunit	L1
1428230_at	PRKD3	protein kinase D3	L1
1449876_at	PRKG1	protein kinase, cGMP-dependent, type I	
1448923_at	PRKRA	protein kinase, interferon-inducible double stranded RNA dependent activator	L1
1427439_s_at	PRMT5	protein arginine methyltransferase 5	
1420664_s_at	PROCR	protein C receptor, endothelial	L1
1455524_at	PROSER1	proline and serine rich 1	L1

1460633_at	PRPF19	PRP19/PSO4 pre-mRNA processing factor 19 homolog (<i>S. cerevisiae</i>)	L1
1422453_at	PRPF8	PRP8 pre-mRNA processing factor 8 homolog (<i>S. cerevisiae</i>)	L1
1416052_at	PRPS1	phosphoribosyl pyrophosphate synthetase 1	L1
1460349_at	PRR14	proline rich 14	L1
1432613_at	PRR15	proline rich 15	L1
1424058_at	PRRC1	proline-rich coiled-coil 1	L1
1429433_at	PRRC2C	proline-rich coiled-coil 2C	
1431484_at	PRRG1	proline rich Gla (G-carboxyglutamic acid) 1	L1
1441707_at	PSMA3	proteasome (prosome, macropain) subunit, alpha type, 3	
1416291_at	PSMC4	proteasome (prosome, macropain) 26S subunit, ATPase, 4	L1
1423697_at	PSMD6	proteasome (prosome, macropain) 26S subunit, non-ATPase, 6	L1
1415673_at	PSPH	phosphoserine phosphatase	L1
1428853_at	PTCH1	patched 1	
1422655_at	PTCH2	patched 2	
1460010_a_at	PTDSS2	phosphatidylserine synthase 2	L1
1449449_at	PTGES	prostaglandin E synthase	L1
1449450_at	PTGES	prostaglandin E synthase	L1
1417092_at	PTH1R	parathyroid hormone 1 receptor	L1
1434653_at	PTK2B	PTK2B protein tyrosine kinase 2 beta	L1
1418181_at	PTP4A3	protein tyrosine phosphatase type IVA, member 3	L1
1433823_at	PTPDC1	protein tyrosine phosphatase domain containing 1	L1
1427699_a_at	PTPN11	protein tyrosine phosphatase, non-receptor type 11	
1417140_a_at	PTPN2	protein tyrosine phosphatase, non-receptor type 2	L1
1427486_at	PTPRB	protein tyrosine phosphatase, receptor type, B	L1

1420841_at	PTPRF	protein tyrosine phosphatase, receptor type, F	
1420843_at	PTPRF	protein tyrosine phosphatase, receptor type, F	L1
1434360_s_at	PTPRG	protein tyrosine phosphatase, receptor type, G	L1
1423117_at	PUM1	pumilio homolog 1 (Drosophila)	L1
1428800_a_at	PUS7L	pseudouridylate synthase 7 homolog (S. cerevisiae)-like	
1448673_at	PVRL3	poliovirus receptor-related 3	L1
1451253_at	PXK	PX domain containing serine/threonine kinase	L1
1417741_at	PYGL	phosphorylase, glycogen, liver	L1
1423712_a_at	QARS	glutaminyl-tRNA synthetase	L1
1449518_at	QPCTL	glutaminyl-peptide cyclotransferase-like	L1
1452736_at	R3HCC1	R3H domain and coiled-coil containing 1	
1438905_x_at	R3HDM4	R3H domain containing 4	L1
1438022_at	RAB11FIP3	RAB11 family interacting protein 3 (class II)	L1
1419946_s_at	RAB2A	RAB2A, member RAS oncogene family	
1433922_at	RAB35	RAB35, member RAS oncogene family	L1
1417700_at	RAB38	RAB38, member RAS oncogene family	
1418341_at	RAB4A	RAB4A, member RAS oncogene family	L1
1425602_a_at	RABEP2	rabaptin, RAB GTPase binding effector protein 2	L1
1456822_at	RAD23B	RAD23 homolog B (S. cerevisiae)	
1416602_a_at	RAD52	RAD52 homolog (S. cerevisiae)	L1
1417248_at	RALBP1	ralA binding protein 1	L1
1443877_a_at	RAPGEF6	Rap guanine nucleotide exchange factor (GEF) 6	L1
1428538_s_at	RARRES2	retinoic acid receptor responder (tazarotene induced) 2	
1423619_at	RASD1	RAS, dexamethasone-induced 1	L1
1438713_at	RASSF8	Ras association (RalGDS/AF-6) domain family (N-terminal) member 8	

1426487_a_at	RBBP6	retinoblastoma binding protein 6	L1
1416174_at	RBBP9	retinoblastoma binding protein 9	L1
1425166_at	RBL1	retinoblastoma-like 1 (p107)	
1418146_a_at	RBL2	retinoblastoma-like 2 (p130)	L1
1425981_a_at	RBL2	retinoblastoma-like 2 (p130)	L1
1423741_at	RBM10	RNA binding motif protein 10	L1
1425522_at	RBM25	RNA binding motif protein 25	L1
1455430_at	RBM33	RNA binding motif protein 33	L1
1426671_a_at	RBM39	RNA binding motif protein 39	L1
1418703_at	RBMS1	RNA binding motif, single stranded interacting protein 1	L1
1429359_s_at	RBPMS	RNA binding protein with multiple splicing	
1444765_at	RBPMS	RNA binding protein with multiple splicing	
1425652_s_at	RBPMS	RNA binding protein with multiple splicing	L1
1434027_at	RCAN3	RCAN family member 3	
1416390_at	RCBTB2	regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2	
1416730_at	RCL1	RNA terminal phosphate cyclase-like 1	L1
1422449_s_at	RCN2	reticulocalbin 2, EF-hand calcium binding domain	L1
1434336_s_at	RCOR1	REST corepressor 1	L1
1421235_s_at	RECQL5	RecQ protein-like 5	L1
1433509_s_at	REEP1	receptor accessory protein 1	
1430128_a_at	REEP6	receptor accessory protein 6	L1
1417856_at	RELB	v-rel reticuloendotheliosis viral oncogene homolog B	L1
1416216_at	REPS1	RALBP1 associated Eps domain containing 1	L1
1454670_at	RERE	arginine-glutamic acid dipeptide (RE) repeats	L1
1424321_at	RFC4	replication factor C (activator 1) 4, 37kDa	L1
1434826_at	RFESD	Rieske (Fe-S) domain containing	L1
1418003_at	RGCC	regulator of cell cycle	L1
1417466_at	RGS5	regulator of G-protein signaling 5	L1
1438163_x_at	RHBDD2	rhomoid domain containing 2	L1

1424819_a_at	RIC8A	resistance to inhibitors of cholinesterase 8 homolog A (C. elegans)	L1
1450449_a_at	RILPL1	Rab interacting lysosomal protein-like 1	L1
1422650_a_at	RIOK3	RIO kinase 3 (yeast)	L1
1460670_at	RIOK3	RIO kinase 3 (yeast)	L1
1439273_at	RIPK1	receptor (TNFRSF)-interacting serine-threonine kinase 1	L1
1450173_at	RIPK2	receptor-interacting serine-threonine kinase 2	L1
1428710_at	RIT1	Ras-like without CAAX 1	L1
1423102_a_at	RNF10	ring finger protein 10	L1
1428415_at	RNF113A2	ring finger protein 113A2	
1419368_a_at	RNF138	ring finger protein 138, E3 ubiquitin protein ligase	L1
1429425_at	RNF139	ring finger protein 139	
1429321_at	RNF149	ring finger protein 149	L1
1455586_at	RNF168	ring finger protein 168, E3 ubiquitin protein ligase	
1432478_a_at	RNF19B	ring finger protein 19B	L1
1427273_at	RNF214	ring finger protein 214	L1
1436305_at	RNF217	ring finger protein 217	L1
1439447_x_at	RPL37A	ribosomal protein L37a	L1
1451077_at	RPL5	ribosomal protein L5	L1
1418896_a_at	RPN2	ribophorin II	L1
1434563_at	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	L1
1434619_at	RPTOR	regulatory associated protein of MTOR, complex 1	L1
1422562_at	RRAD	Ras-related associated with diabetes	
1434741_at	RREB1	ras responsive element binding protein 1	
1436058_at	RSAD2	radical S-adenosyl methionine domain containing 2	
1432579_at	RSPH3	radial spoke 3 homolog (Chlamydomonas)	L1
1451640_a_at	RSRC2	arginine/serine-rich coiled-coil 2	L1
1424095_at	RTCA	RNA 3'-terminal phosphate cyclase	
1439573_at	RTN4RL2	reticulon 4 receptor-like 2	

1426791_at	RUSC2	RUN and SH3 domain containing 2	L1
1416585_at	RUVBL1	RuvB-like 1 (E. coli)	L1
1454773_at	RXRA	retinoid X receptor, alpha	L1
1437173_at	S1PR3	sphingosine-1-phosphate receptor 3	L1
1438900_at	SACM1L	SAC1 suppressor of actin mutations 1-like (yeast)	
1440185_x_at	SAE1	SUMO1 activating enzyme subunit 1	L1
1415718_at	SAP30L	SAP30-like	L1
1448426_at	SARDH	sarcosine dehydrogenase	L1
1416007_at	SATB1	SATB homeobox 1	L1
1427132_at	SBF2	SET binding factor 2	L1
1443721_x_at	SBNO2	strawberry notch homolog 2 (Drosophila)	L1
1458308_at	SBNO2	strawberry notch homolog 2 (Drosophila)	L1
1459999_at	SCAF4	SR-related CTD-associated factor 4	L1
1438419_at	SCAF8	SR-related CTD-associated factor 8	
1433520_at	SCAP	SREBF chaperone	L1
1434740_at	SCARF2	scavenger receptor class F, member 2	L1
1426510_at	SCCPDH	saccharopine dehydrogenase (putative)	L1
1415824_at	SCD2	stearoyl-Coenzyme A desaturase 2	
1428335_a_at	SCFD1	sec1 family domain containing 1	L1
1441192_at	SCLY	selenocysteine lyase	L1
1436804_s_at	SCYL1	SCY1-like 1 (S. cerevisiae)	L1
1451051_a_at	SCYL1	SCY1-like 1 (S. cerevisiae)	L1
1428918_at	SCYL3	SCY1-like 3 (S. cerevisiae)	
1415943_at	SDC1	syndecan 1	L1
1443832_s_at	SDPR	serum deprivation response	L1
1416241_at	SEC13	SEC13 homolog (S. cerevisiae)	L1
1416059_at	SEC23B	Sec23 homolog B (S. cerevisiae)	L1
1438121_at	SEC24A	SEC24 family, member A (S. cerevisiae)	L1
1453014_a_at	SEC31A	SEC31 homolog A (S. cerevisiae)	L1
1424926_at	SEC63	SEC63 homolog (S. cerevisiae)	

1456120_at	SECISBP2L	SECIS binding protein 2-like	
1425188_s_at	SEL1L	sel-1 suppressor of lin-12-like (C. elegans)	L1
1430692_a_at	SEL1L	sel-1 suppressor of lin-12-like (C. elegans)	L1
1420696_at	SEMA3C	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C	L1
1453055_at	SEMA6D	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D	L1
1454877_at	SERTAD4	SERTA domain containing 4	
1428555_at	SETD2	SET domain containing 2	L1
1423750_a_at	SF1	splicing factor 1	L1
1456352_a_at	SF3B2	splicing factor 3b, subunit 2, 145kDa	L1
1439058_at	SFPQ	splicing factor proline/glutamine-rich	L1
1438620_x_at	SFRP1	secreted frizzled-related protein 1	
1424003_at	SGK196	protein kinase-like protein SgK196	L1
1415892_at	SGPL1	sphingosine-1-phosphate lyase 1	L1
1437977_at	SGTB	small glutamine-rich tetratricopeptide repeat (TPR)-containing, beta	
1433455_at	SH2B3	SH2B adaptor protein 3	L1
1415886_at	SH2D3C	SH2 domain containing 3C	L1
1421922_at	SH3BP5	SH3-domain binding protein 5 (BTK-associated)	L1
1416338_at	SH3GL1	SH3-domain GRB2-like 1	L1
1432269_a_at	SH3KBP1	SH3-domain kinase binding protein 1	L1
1448171_at	SIAH2	siah E3 ubiquitin protein ligase 2	L1
1438442_at	SIKE1	suppressor of IKBKE 1	L1
1428916_s_at	SIRT5	sirtuin 5	L1
1422584_at	SKIV2L	superkiller viralicidic activity 2-like (S. cerevisiae)	L1
1460168_at	SLBP	stem-loop binding protein	L1
1458918_at	SLC12A8	solute carrier family 12 (potassium/chloride transporters), member 8	L1

1427722_at	SLC15A5	solute carrier family 15, member 5	
1440569_at	SLC16A10	solute carrier family 16, member 10 (aromatic amino acid transporter)	L1
1418446_at	SLC16A2	solute carrier family 16, member 2 (thyroid hormone transporter)	
1417884_at	SLC16A6	solute carrier family 16, member 6 (monocarboxylic acid transporter 7)	L1
1457302_at	SLC20A2	solute carrier family 20 (phosphate transporter), member 2	
1424308_at	SLC24A3	solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	L1
1428440_at	SLC25A12	solute carrier family 25 (aspartate/glutamate carrier), member 12	L1
1451489_at	SLC25A35	solute carrier family 25, member 35	
1430542_a_at	SLC25A5	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 5	L1
1416316_at	SLC27A2	solute carrier family 27 (fatty acid transporter), member 2	
1450639_at	SLC28A2	solute carrier family 28 (sodium-coupled nucleoside transporter), member 2	L1
1426599_a_at	SLC2A1	solute carrier family 2 (facilitated glucose transporter), member 1	
1426600_at	SLC2A1	solute carrier family 2 (facilitated glucose transporter), member 1	L1
1419434_at	SLC2A10	solute carrier family 2 (facilitated glucose transporter), member 10	
1416639_at	SLC2A5	solute carrier family 2 (facilitated glucose/fructose transporter), member 5	

1450697_at	SLC30A7	solute carrier family 30 (zinc transporter), member 7	
1448769_at	SLC35B1	solute carrier family 35, member B1	L1
1416548_at	SLC35B4	solute carrier family 35, member B4	L1
1416549_at	SLC35B4	solute carrier family 35, member B4	L1
1427294_a_at	SLC38A10	solute carrier family 38, member 10	L1
1427295_at	SLC38A10	solute carrier family 38, member 10	L1
1417881_at	SLC39A3	solute carrier family 39 (zinc transporter), member 3	L1
1417061_at	SLC40A1	solute carrier family 40 (iron-regulated transporter), member 1	
1425439_a_at	SLC41A3	solute carrier family 41, member 3	L1
1423865_at	SLC44A1	solute carrier family 44, member 1	L1
1433645_at	SLC44A1	solute carrier family 44, member 1	L1
1450409_a_at	SLC48A1	solute carrier family 48 (heme transporter), member 1	L1
1450410_a_at	SLC48A1	solute carrier family 48 (heme transporter), member 1	L1
1426432_a_at	SLC4A4	solute carrier family 4, sodium bicarbonate cotransporter, member 4	
1460541_at	SLC7A6	solute carrier family 7 (amino acid transporter light chain, y+L system), member 6	L1
1440962_at	SLC8A3	solute carrier family 8 (sodium/calcium exchanger), member 3	L1
1433933_s_at	SLCO2B1	solute carrier organic anion transporter family, member 2B1	L1
1451655_at	SLFN13	schlafen family member 13	L1
1456288_at	SLFN5	schlafen family member 5	
1419092_a_at	SLK	STE20-like kinase	
1437707_at	SLMO1	slowmo homolog 1 (Drosophila)	

1456683_at	SLTM	SAFB-like, transcription modulator	L1
1459843_s_at	SMAD1	SMAD family member 1	
1420634_a_at	SMAD2	SMAD family member 2	L1
1422485_at	SMAD4	SMAD family member 4	L1
1426804_at	SMARCA4	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4	L1
1416045_a_at	SMARCB1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1	L1
1418467_at	SMARCD3	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3	L1
1417832_at	SMC1A	structural maintenance of chromosomes 1A	L1
1429658_a_at	SMC2	structural maintenance of chromosomes 2	L1
1417736_at	SMC6	structural maintenance of chromosomes 6	
1429017_at	SMCR8	Smith-Magenis syndrome chromosome region, candidate 8	L1
1457262_at	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinase (C. elegans)	
1427048_at	SMO	smoothened, frizzled family receptor	
1427049_s_at	SMO	smoothened, frizzled family receptor	
1448321_at	SMOC1	SPARC related modular calcium binding 1	L1
1415935_at	SMOC2	SPARC related modular calcium binding 2	L1
1448621_a_at	SMPD1	sphingomyelin phosphodiesterase 1, acid lysosomal	L1
1428395_at	SMURF1	SMAD specific E3 ubiquitin protein ligase 1	L1

1424760_a_at	SMYD2	SET and MYND domain containing 2	L1
1423745_at	SNAP47	synaptosomal-associated protein, 47kDa	L1
1417788_at	SNCG	synuclein, gamma (breast cancer-specific protein 1)	
1447993_a_at	Snhg10	small nucleolar RNA host gene (non-protein coding) 10	L1
1452789_at	SNN	stannin	L1
1430041_at	SNRNP35	small nuclear ribonucleoprotein 35kDa (U11/U12)	
1452680_at	SNRPD2	small nuclear ribonucleoprotein D2 polypeptide 16.5kDa	
1420371_at	SNTB2	syntrophin, beta 2 (dystrophin-associated protein A1, 59kDa, basic component 2)	
1424276_at	SNX16	sorting nexin 16	L1
1433614_at	SNX27	sorting nexin family member 27	L1
1425148_a_at	SNX6	sorting nexin 6	L1
1423076_at	SNX9	sorting nexin 9	L1
1417695_a_at	SOAT1	sterol O-acyltransferase 1	L1
1416576_at	SOCS3	suppressor of cytokine signaling 3	L1
1455634_at	SON	SON DNA binding protein	
1419358_at	SORCS2	sortilin-related VPS10 domain containing receptor 2	
1437676_at	SPAG9	sperm associated antigen 9	L1
1416114_at	SPARCL1	SPARC-like 1 (hevin)	L1
1428300_at	SPECC1L	sperm antigen with calponin homology and coiled-coil domains 1-like	L1
1451036_at	SPG21	spastic paraplegia 21 (autosomal recessive, Mast syndrome)	L1
1454962_at	SPIRE1	spire homolog 1 (Drosophila)	L1
1420150_at	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1	L1
1428472_at	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1	L1
1423574_s_at	SRD5A3	steroid 5 alpha-reductase 3	L1
1456691_s_at	SRD5A3	steroid 5 alpha-reductase 3	L1

1418256_at	SRF	serum response factor (c-fos serum response element-binding transcription factor)	L1
1456355_s_at	SRRD	SRR1 domain containing	
1452439_s_at	SRSF2	serine/arginine-rich splicing factor 2	L1
1447898_s_at	SRSF6	serine/arginine-rich splicing factor 6	L1
1419942_at	SRXN1	sulfiredoxin 1	
1425351_at	SRXN1	sulfiredoxin 1	L1
1426875_s_at	SRXN1	sulfiredoxin 1	L1
1451680_at	SRXN1	sulfiredoxin 1	L1
1419360_a_at	SS18	synovial sarcoma translocation, chromosome 18	L1
1438253_at	SSH1	slingshot homolog 1 (Drosophila)	L1
1421915_a_at	ST3GAL3	ST3 beta-galactoside alpha-2,3-sialyltransferase 3	L1
1450406_a_at	ST3GAL3	ST3 beta-galactoside alpha-2,3-sialyltransferase 3	L1
1431962_a_at	STAMBP	STAM binding protein	L1
1452604_at	STARD13	StAR-related lipid transfer (START) domain containing 13	L1
1421469_a_at	STAT5A	signal transducer and activator of transcription 5A	L1
1422102_a_at	STAT5B	signal transducer and activator of transcription 5B	L1
1448320_at	STIM1	stromal interaction molecule 1	L1
1426343_at	STT3B	STT3, subunit of the oligosaccharyltransferase complex, homolog B (<i>S. cerevisiae</i>)	L1
1416580_a_at	STUB1	STIP1 homology and U-box containing protein 1, E3 ubiquitin protein ligase	L1
1423038_at	STX6	syntaxin 6	L1
1431646_a_at	STX6	syntaxin 6	L1
1427441_a_at	SUCLG2	succinate-CoA ligase, GDP-forming, beta subunit	L1
1450024_at	SUFU	suppressor of fused homolog (Drosophila)	
1447602_x_at	SULF2	sulfatase 2	

1415782_at	SUMO2	SMT3 suppressor of mif two 3 homolog 2 (yeast)	L1
1426666_a_at	SUN1	Sad1 and UNC84 domain containing 1	L1
1416213_x_at	SURF4	surfeit 4	L1
1436797_a_at	SURF4	surfeit 4	L1
1428654_at	SWT1	SWT1 RNA endoribonuclease homolog (<i>S. cerevisiae</i>)	L1
1460230_at	SYN2	synapsin II	
1427982_s_at	SYNE2	spectrin repeat containing, nuclear envelope 2	
1438585_at	SYNE2	spectrin repeat containing, nuclear envelope 2	
1419289_a_at	SYNGR1	synaptogyrin 1	
1436334_at	SYNJ1	synaptojanin 1	L1
1452344_at	SYNJ2	synaptojanin 2	
1441927_at	SYT7	synaptotagmin VII	L1
1428070_at	SYVN1	synovial apoptosis inhibitor 1, synoviolin	L1
1443609_s_at	SYVN1	synovial apoptosis inhibitor 1, synoviolin	L1
1425745_a_at	TACC2	transforming, acidic coiled-coil containing protein 2	L1
1417467_a_at	TADA3	transcriptional adaptor 3	L1
1447417_at	TAF1	TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 250kDa	
1431345_a_at	TAF1B	TATA box binding protein (TBP)-associated factor, RNA polymerase I, B, 63kDa	L1
1452438_s_at	TAF4	TAF4 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 135kDa	L1
1422778_at	TAF9	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa	L1
1452714_at	TANC1	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 1	L1
1416062_at	TBC1D15	TBC1 domain family, member 15	
1423659_a_at	TBC1D17	TBC1 domain family, member 17	L1
1426899_at	TBC1D23	TBC1 domain family, member 23	L1

1428508_at	TBC1D2B	TBC1 domain family, member 2B	L1
1428598_at	TBC1D7	TBC1 domain family, member 7	L1
1428596_at	TBC1D9B	TBC1 domain family, member 9B (with GRAM domain)	L1
1428282_at	TBCE	tubulin folding cofactor E	L1
1445571_at	TBK1	TANK-binding kinase 1	L1
1429974_at	TBX18	T-box 18	L1
1422545_at	TBX2	T-box 2	L1
1424531_a_at	TCEA3	transcription elongation factor A (SII), 3	L1
1434117_at	TCEB3	transcription elongation factor B (SIII), polypeptide 3 (110kDa, elongin A)	L1
1417447_at	TCF21	transcription factor 21	L1
1437204_a_at	TCF25	transcription factor 25 (basic helix-loop-helix)	L1
1437205_at	TCF25	transcription factor 25 (basic helix-loop-helix)	L1
1424068_at	TCTA	T-cell leukemia translocation altered	L1
1452264_at	TENC1	tensin like C1 domain containing phosphatase (tensin 2)	L1
1455651_at	TERF2	telomeric repeat binding factor 2	L1
1426049_a_at	TERF2IP	telomeric repeat binding factor 2, interacting protein	L1
1450662_at	TESK1	testis-specific kinase 1	L1
1448224_at	TFAM	transcription factor A, mitochondrial	L1
1448977_at	TFAP2C	transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma)	L1
1438053_at	TFG	TRK-fused gene	L1
1448976_at	TFIP11	tuftelin interacting protein 11	L1
1459994_x_at	TFR2	transferrin receptor 2	
1415871_at	TGFBI	transforming growth factor, beta-induced, 68kDa	L1
1420895_at	TGFBR1	transforming growth factor, beta receptor 1	L1
1421355_at	TGM3	transglutaminase 3 (E polypeptide, protein-glutamine-gamma-glutamyltransferase)	L1
1416428_at	THAP11	THAP domain containing 11	L1

1424052_at	THAP4	THAP domain containing 4	L1
1425244_a_at	THEG	theg spermatid protein	L1
1426997_at	THRA	thyroid hormone receptor, alpha	
1427408_a_at	THRAP3	thyroid hormone receptor associated protein 3	L1
1438769_a_at	THYN1	thymocyte nuclear protein 1	L1
1419089_at	TIMP3	TIMP metalloproteinase inhibitor 3	L1
1451587_a_at	TIPRL	TIP41, TOR signaling pathway regulator-like (<i>S. cerevisiae</i>)	L1
1434033_at	TLE1	transducin-like enhancer of split 1 (E(sp1) homolog, <i>Drosophila</i>)	
1448402_at	TLN1	talin 1	
1435700_at	TLN2	talin 2	
1426254_at	TM2D1	TM2 domain containing 1	L1
1439454_x_at	TM2D2	TM2 domain containing 2	L1
1451134_a_at	TM2D2	TM2 domain containing 2	L1
1439925_at	TM4SF1	transmembrane 4 L six family member 1	L1
1423204_at	TM9SF4	transmembrane 9 superfamily protein member 4	L1
1423205_at	TM9SF4	transmembrane 9 superfamily protein member 4	L1
1426711_at	TMCO3	transmembrane and coiled-coil domains 3	L1
1435883_at	TMCO7	transmembrane and coiled-coil domains 7	L1
1426649_at	TMEFF1	transmembrane protein with EGF-like and two follistatin-like domains 1	L1
1451315_at	TMEM101	transmembrane protein 101	
1452290_at	TMEM106B	transmembrane protein 106B	L1
1427324_at	TMEM120B	transmembrane protein 120B	L1
1415715_at	TMEM129	transmembrane protein 129	L1
1421993_a_at	TMEM134	transmembrane protein 134	L1
1433017_at	TMEM159	transmembrane protein 159	L1
1415741_at	TMEM165	transmembrane protein 165	
1459997_s_at	TMEM17	transmembrane protein 17	L1
1452134_at	TMEM175	transmembrane protein 175	L1
1451341_s_at	TMEM189	transmembrane protein 189	L1
1423707_at	TMEM50B	transmembrane protein 50B	L1
1429337_at	TMEM87B	transmembrane protein 87B	L1

1417874_at	TMEM9B	TMEM9 domain family, member B	L1
1438556_a_at	TMOD3	tropomodulin 3 (ubiquitous)	L1
1448147_at	TNFRSF19	tumor necrosis factor receptor superfamily, member 19	L1
1442590_at	TNFRSF22/TNFRSF23	tumor necrosis factor receptor superfamily, member 22	L1
1448298_at	TNK2	tyrosine kinase, non-receptor, 2	L1
1453124_at	TNPO3	transportin 3	L1
1431776_at	TOB2	transducer of ERBB2, 2	L1
1426084_a_at	TOR1AIP1	torsin A interacting protein 1	L1
1423783_at	TOR2A	torsin family 2, member A	L1
1426538_a_at	TP53	tumor protein p53	
1433937_at	TP53BP2	tumor protein p53 binding protein, 2	L1
1428189_at	TPGS2	tubulin polyglutamylase complex subunit 2	L1
1449997_at	TPM3	tropomyosin 3	
1433883_at	TPM4	tropomyosin 4	
1448313_at	TPP1	tripeptidyl peptidase I	L1
1426949_s_at	TPR	translocated promoter region, nuclear basket protein	L1
1456651_a_at	TPR	translocated promoter region, nuclear basket protein	L1
1429117_at	TRADD	TNFRSF1A-associated via death domain	L1
1446940_at	TRAF6	TNF receptor-associated factor 6, E3 ubiquitin protein ligase	L1
1424320_a_at	TRAF7	TNF receptor-associated factor 7, E3 ubiquitin protein ligase	L1
1428178_s_at	TRAPPC6B	trafficking protein particle complex 6B	L1
1424162_at	TRIM29	tripartite motif containing 29	L1
1427476_a_at	TRIM32	tripartite motif containing 32	L1
1433745_at	TRIO	trio Rho guanine nucleotide exchange factor	L1
1457492_at	TRIO	trio Rho guanine nucleotide exchange factor	L1
1423899_at	TRIP12	thyroid hormone receptor interactor 12	L1
1451158_at	TRIP12	thyroid hormone receptor interactor 12	

1449041_a_at	TRIP6	thyroid hormone receptor interactor 6	L1
1424333_at	TRMT10C	tRNA methyltransferase 10 homolog C (<i>S. cerevisiae</i>)	L1
1426016_a_at	TRO	trophinin	L1
1457164_at	TRPA1	transient receptor potential cation channel, subfamily A, member 1	
1460720_at	TRPC4AP	transient receptor potential cation channel, subfamily C, member 4 associated protein	L1
1452615_s_at	TRPT1	tRNA phosphotransferase 1	L1
1428281_at	TRUB1	TruB pseudouridine (psi) synthase homolog 1 (<i>E. coli</i>)	L1
1452105_a_at	TSC2	tuberous sclerosis 2	L1
1416009_at	TSPAN3	tetraspanin 3	L1
1416994_at	TTC1	tetratricopeptide repeat domain 1	L1
1435456_at	TTC28	tetratricopeptide repeat domain 28	L1
1416484_at	TTC3	tetratricopeptide repeat domain 3	L1
1427446_s_at	TTN	titin	
1416311_s_at	TUBA3E	tubulin, alpha 3e	L1
1455868_a_at	TUBGCP2	tubulin, gamma complex associated protein 2	L1
1426707_at	TUBGCP3	tubulin, gamma complex associated protein 3	L1
1440282_at	TULP4	tubby like protein 4	
1421662_a_at	TUSC3	tumor suppressor candidate 3	L1
1420873_at	TWF1	twinfilin, actin-binding protein, homolog 1 (<i>Drosophila</i>)	
1418733_at	TWIST1	twist homolog 1 (<i>Drosophila</i>)	
1448782_at	TXNDC11	thioredoxin domain containing 11	L1
1424486_a_at	TXNRD1	thioredoxin reductase 1	L1
1429971_at	TXNRD2	thioredoxin reductase 2	
1417306_at	TYK2	tyrosine kinase 2	
1434300_at	U2SURP	U2 snRNP-associated SURP domain containing	
1448116_at	UBA1	ubiquitin-like modifier activating enzyme 1	L1

1416280_at	UBA2	ubiquitin-like modifier activating enzyme 2	L1
1424281_at	UBAP2	ubiquitin associated protein 2	L1
1429475_at	UBASH3B	ubiquitin associated and SH3 domain containing B	L1
1419762_at	UBD	ubiquitin D	
1448772_at	UBE2A	ubiquitin-conjugating enzyme E2A	L1
1416477_at	UBE2D2	ubiquitin-conjugating enzyme E2D 2	L1
1453189_at	UBE2I	ubiquitin-conjugating enzyme E2I	
1435384_at	UBE2N	ubiquitin-conjugating enzyme E2N	
1425206_a_at	UBE3A	ubiquitin protein ligase E3A	
1416848_at	UBL5	ubiquitin-like 5	
1454668_at	UBR4	ubiquitin protein ligase E3 component n-recognin 4	L1
1444327_at	UBR5	ubiquitin protein ligase E3 component n-recognin 5	
1460304_a_at	UBTF	upstream binding transcription factor, RNA polymerase I	
1449855_s_at	UCHL3	ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)	L1
1448604_at	UCK2	uridine-cytidine kinase 2	L1
1447046_at	UCP2	uncoupling protein 2 (mitochondrial, proton carrier)	L1
1426261_s_at	UGT1A6	UDP glucuronosyltransferase 1 family, polypeptide A6	L1
1448370_at	ULK1	unc-51-like kinase 1 (C. elegans)	L1
1415866_at	UNC45A	unc-45 homolog A (C. elegans)	L1
1429844_at	UPK3BL	uroplakin 3B-like	L1
1454841_at	URB1	URB1 ribosome biogenesis 1 homolog (S. cerevisiae)	L1
1430494_at	URGCP	upregulator of cell proliferation	
1433498_at	URGCP	upregulator of cell proliferation	L1
1450892_a_at	USP4	ubiquitin specific peptidase 4 (proto-oncogene)	L1
1435901_at	USP40	ubiquitin specific peptidase 40	L1
1424056_at	USP48	ubiquitin specific peptidase 48	L1

1429937_at	UTP23	UTP23, small subunit (SSU) processome component, homolog (yeast)	L1
1426892_at	UTRN	utrophin	
1420624_a_at	VAMP8	vesicle-associated membrane protein 8 (endobrevin)	
1427894_at	VASN	vasorin	
1419417_at	VEGFC	vascular endothelial growth factor C	L1
1440739_at	VEGFC	vascular endothelial growth factor C	L1
1417900_a_at	VLDLR	very low density lipoprotein receptor	
1440146_at	VPS13A	vacuolar protein sorting 13 homolog A (<i>S. cerevisiae</i>)	
1416254_a_at	VPS16	vacuolar protein sorting 16 homolog (<i>S. cerevisiae</i>)	L1
1421050_at	VPS25	vacuolar protein sorting 25 homolog (<i>S. cerevisiae</i>)	L1
1427933_at	VPS33B	vacuolar protein sorting 33 homolog B (yeast)	
1415784_at	VPS35	vacuolar protein sorting 35 homolog (<i>S. cerevisiae</i>)	
1429363_at	VPS37A	vacuolar protein sorting 37 homolog A (<i>S. cerevisiae</i>)	L1
1417510_at	VPS4A	vacuolar protein sorting 4 homolog A (<i>S. cerevisiae</i>)	L1
1454825_at	VPS51	vacuolar protein sorting 51 homolog (<i>S. cerevisiae</i>)	L1
1447894_x_at	VPS52	vacuolar protein sorting 52 homolog (<i>S. cerevisiae</i>)	L1
1442699_at	VPS54	vacuolar protein sorting 54 homolog (<i>S. cerevisiae</i>)	
1456810_at	VPS54	vacuolar protein sorting 54 homolog (<i>S. cerevisiae</i>)	
1455050_at	VSTM4	V-set and transmembrane domain containing 4	
1420484_a_at	VTN	vitronectin	L1
1455098_a_at	VTN	vitronectin	
1415799_at	WBP11	WW domain binding protein 11	L1
1430987_s_at	WBP11	WW domain binding protein 11	L1

1427456_at	WDFY3	WD repeat and FYVE domain containing 3	
1423054_at	WDR1	WD repeat domain 1	L1
1451728_at	WDR13	WD repeat domain 13	L1
1453554_a_at	WDR33	WD repeat domain 33	L1
1429174_at	WDR34	WD repeat domain 34	L1
1415770_at	WDR6	WD repeat domain 6	L1
1455940_x_at	WDR6	WD repeat domain 6	L1
1444689_at	WDR67	WD repeat domain 67	
1434793_at	WDR78	WD repeat domain 78	
1426767_at	WDR90	WD repeat domain 90	
1424917_a_at	WIP1	WD repeat domain, phosphoinositide interacting 1	
1419015_at	WISP2	WNT1 inducible signaling pathway protein 2	
1454805_at	WTAP	Wilms tumor 1 associated protein	L1
1448145_at	WWP2	WW domain containing E3 ubiquitin protein ligase 2	L1
1448278_at	XAB2	XPA binding protein 2	L1
1420011_s_at	XBP1	X-box binding protein 1	L1
1420012_at	XBP1	X-box binding protein 1	
1420886_a_at	XBP1	X-box binding protein 1	L1
1456088_at	XIAP	X-linked inhibitor of apoptosis	L1
1439411_a_at	XPO7	exportin 7	L1
1426993_at	XPR1	xenotropic and polytropic retrovirus receptor 1	L1
1453950_a_at	XRCC2	X-ray repair complementing defective repair in Chinese hamster cells 2	L1
1430134_a_at	YARS2	tyrosyl-tRNA synthetase 2, mitochondrial	L1
1453414_at	YPEL2	yippee-like 2 (Drosophila)	
1427638_at	ZBTB16	zinc finger and BTB domain containing 16	
1416224_at	ZBTB17	zinc finger and BTB domain containing 17	L1
1448705_at	ZBTB22	zinc finger and BTB domain containing 22	L1
1426361_at	ZC3H11A	zinc finger CCCH-type containing 11A	L1

1430568_at	ZC3H13	zinc finger CCCH-type containing 13	L1
1427876_at	ZC3H15	zinc finger CCCH-type containing 15	L1
1428682_at	ZC3H6	zinc finger CCCH-type containing 6	
1437616_x_at	ZDHHC14	zinc finger, DHHC-type containing 14	L1
1421115_a_at	ZDHHC16	zinc finger, DHHC-type containing 16	L1
1452274_at	ZFAND3	zinc finger, AN1-type domain 3	L1
1422031_a_at	ZFAND6	zinc finger, AN1-type domain 6	
1420944_at	ZFP185	zinc finger protein 185	L1
1440890_a_at	ZFP809	zinc finger protein 809	
1449126_at	ZFP90	zinc finger protein 90 homolog (mouse)	
1441348_at	ZFP955A/ZFP955B	zinc finger protein 955B	
1424892_at	ZKSCAN5	zinc finger with KRAB and SCAN domains 5	L1
1445543_at	ZMYM5	zinc finger, MYM-type 5	
1426532_at	ZMYND11	zinc finger, MYND-type containing 11	
1429415_at	ZMYND8	zinc finger, MYND-type containing 8	L1
1453034_at	ZNF251	zinc finger protein 251	
1419165_at	ZNF260	zinc finger protein 260	L1
1452045_at	ZNF281	zinc finger protein 281	L1
1451151_s_at	ZNF410	zinc finger protein 410	
1449510_at	ZNF467	zinc finger protein 467	L1
1434088_at	ZNF496	zinc finger protein 496	L1
1423836_at	ZNF503	zinc finger protein 503	L1
1437483_at	ZNF513	zinc finger protein 513	L1
1438079_at	ZNF627	zinc finger protein 627	L1
1419984_s_at	ZNF644	zinc finger protein 644	L1
1435481_at	ZNF653	zinc finger protein 653	L1
1429217_at	ZNF655	zinc finger protein 655	L1
1451323_at	ZNF7	zinc finger protein 7	
1438026_at	ZNF778	zinc finger protein 778	L1
1416370_at	ZSCAN21	zinc finger and SCAN domain containing 21	L1
1417240_at	ZYX	zyxin	L1
1421653_a_at			

1421754_at			
1422426_at			L1
1425421_at			L1
1425424_at			L1
1426113_x_at			L1
1427437_at			
1427455_x_at			
1427653_at			
1427809_at			L1
1428301_at			
1429381_x_at			
1430308_at			L1
1430404_at			
1430945_at			L1
1435150_at			L1
1437073_x_at			
1438049_at			L1
1438068_at			
1438257_at			
1438370_x_at			L1
1438783_at			
1440078_at			L1
1440360_at			L1
1440494_at			L1
1440742_at			L1
1441147_at			
1441247_at			
1441386_at			
1441505_at			
1441627_at			
1441718_at			L1
1442217_at			
1442463_at			
1442505_at			L1
1442535_at			
1442992_at			
1443007_at			L1
1443010_at			
1443241_at			L1
1443249_at			L1
1443293_at			L1

1443302_at			
1443325_at			L1
1444192_at			
1444490_at			
1444750_at			
1444856_at			
1444920_at			L1
1445144_at			
1445461_at			L1
1445518_at			L1
1445579_at			
1445666_at			L1
1445807_at			
1445935_at			L1
1445958_at			L1
1446040_at			L1
1446411_at			L1
1446530_at			
1446593_at			L1
1446598_at			
1446850_at			L1
1446914_at			
1447064_at			L1
1447147_at			
1447156_at			
1447179_at			L1
1447316_at			L1
1448018_at			L1
1452405_x_at			L1
1452463_x_at			
1452731_x_at			
1454002_at			L1
1455569_at			L1
1455930_at			
1456453_at			
1456677_at			L1
1456787_at			L1
1456880_at			L1
1457141_at			
1457173_at			L1
1457348_at			L1

1457483_at			
1457750_at			
1457859_at			
1457934_at			L1
1458065_at			
1458257_at			L1
1458288_at			L1
1458457_at			L1
1458589_at			L1
1458703_at			
1458850_at			L1
1458980_at			L1
1459358_at			L1
1459733_at			
1459968_at			L1
1460117_at			
1460133_at			L1