

Supplementary information legends

Supplementary Figure 1. Signaling pathways induced in poxvirus-infected primary human macrophages. Each heat map represents a modulated canonical pathway involved in innate immunity (Ingenuity Pathways Analysis software). Each column represents the genes up- (red) or down- (green) regulated ($p < 0.05$) for each of the indicated poxvirus vectors.

Supplementary Table 1. Differentially regulated genes in macrophages infected with different poxvirus vectors. Comparison of gene expression profiling between MVA-, NYVAC-, WR-, CopV-, ANK- or NYBH-infected macrophages. Representative human genes specifically regulated by each vector according to predicted biological function. Probe name, systematic name, t gene symbol, gene name and x-fold change in transcription are indicated.

IFN signaling	MVA	NYVAC	WR	NYBH	CopV	ANK
BCL2-antagonist/killer 1						
B-cell CLL/lymphoma 2						
interferon-induced protein 35						
interferon-induced protein with tetratricopeptide repeats 1						
interferon-induced protein with tetratricopeptide repeats 3						
interferon induced transmembrane protein 1						
interferon (alpha, beta and omega) receptor 1						
interferon (alpha, beta and omega) receptor 2						
interferon, beta 1, fibroblast						
interferon, gamma						
interferon gamma receptor 1						
interferon gamma receptor 2 (interferon gamma transducer 1)						
interferon regulatory factor 1						
interferon regulatory factor 9						
influenza virus) resistance 1, interferon-inducible protein p78 (mouse)						
2'-5'-oligoadenylate synthetase 1, 40/46kDa						
protein inhibitor of activated STAT, 1						
proteasome (prosome, macropain) subunit, beta type, 8						
suppressor of cytokine signaling 1						
signal transducer and activator of transcription 1, 91kDa						
signal transducer and activator of transcription 2, 113kDa						

	MVA	NYVAC	WR	NYBH	CopV	ANK
Apoptosis signaling						
apoptotic chromatin condensation inducer 1						
apoptotic peptidase activating factor 1						
BCL2-associated agonist of cell death						
BCL2-antagonist/killer 1						
B-cell CLL/lymphoma 2						
BCL2-related protein A1						
BCL2-like 1						
BCL2-like 10 (apoptosis facilitator)						
BCL2-like 11 (apoptosis facilitator)						
baculoviral IAP repeat containing 3						
calpain 1, (mu/I) large subunit						
calpain 2, (m/II) large subunit						
calpain 5						
calpain 11						
calpain, small subunit 1						
caspace recruitment domain family, member 10						
caspace recruitment domain family, member 11						
caspace 3, apoptosis-related cysteine peptidase						
caspace 7, apoptosis-related cysteine peptidase						
caspace 8, apoptosis-related cysteine peptidase						
caspace 10, apoptosis-related cysteine peptidase						
CD40 molecule, TNF receptor superfamily member 5						
CD40 ligand						
cyclin-dependent kinase 1						
cytochrome c, somatic						
diablo, IAP-binding mitochondrial protein						
Fas ligand (TNF superfamily, member 6)						
v-Ha-ras Harvey rat sarcoma viral oncogene homolog						
inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta						
inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon						
lamin A/C						
mitogen-activated protein kinase kinase 4						
mitogen-activated protein kinase kinase kinase 5						
mitogen-activated protein kinase kinase kinase kinase 4						
mitogen-activated protein kinase 3						
mitogen-activated protein kinase 8						
myeloid cell leukemia sequence 1 (BCL2-related)						
NLR family, apoptosis inhibitory protein						
nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha						
nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta						
poly (ADP-ribose) polymerase 1						
phospholipase C, gamma 1						
phospholipase C, gamma 2 (phosphatidylinositol-specific)						
protein kinase C, alpha						
protein kinase C, epsilon						
protein kinase C, theta						
v-raf-1 murine leukemia viral oncogene homolog 1						
ribosomal protein S6 kinase, 90kDa, polypeptide 1						
related RAS viral (r-ras) oncogene homolog 2						
related RAS viral (r-ras) oncogene homolog						
tumor necrosis factor						
tumor necrosis factor, alpha-induced protein 3						
tumor necrosis factor receptor superfamily, member 11a, NFKB activator						
tumor necrosis factor receptor superfamily, member 11b						
tumor necrosis factor receptor superfamily, member 1A						
tumor necrosis factor receptor superfamily, member 1B						
tumor necrosis factor (ligand) superfamily, member 13b						
TNFAIP3 interacting protein 1						
TNF receptor-associated factor 2						
TNF receptor-associated factor 5						
TNF receptor-associated factor 6, E3 ubiquitin protein ligase						
tumor protein p53						

NFκB-dependent signaling	MVA	NYVAC	WR	NYBH	CopV	ANK
v-akt murine thymoma viral oncogene homolog 2						
bone morphogenetic protein 2						
bone morphogenetic protein receptor, type II (serine/threonine kinase)						
bone morphogenetic protein receptor, type IA						
caspace recruitment domain family, member 10						
caspace recruitment domain family, member 11						
CREB binding protein						
epidermal growth factor						
epidermal growth factor receptor						
eukaryotic translation initiation factor 2-alpha kinase 2						
E1A binding protein p300						
Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide						
fms-related tyrosine kinase 1						
glycogen synthase kinase 3 beta						
inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta						
interleukin 33						
interleukin 1, alpha						
interleukin 1, beta						
interleukin 1 receptor, type I						
interleukin 1 receptor antagonist						
interleukin 36, gamma						
interleukin 36 receptor antagonist						
insulin receptor						
interleukin-1 receptor-associated kinase 1						
interleukin-1 receptor-associated kinase 3						
kinase insert domain receptor (a type III receptor tyrosine kinase)						
mitogen-activated protein kinase kinase 6						
mitogen-activated protein kinase kinase kinase 3						
mitogen-activated protein kinase kinase kinase 8						
mitogen-activated protein kinase kinase kinase 4						
mitogen-activated protein kinase 8						
myeloid differentiation primary response 88						
nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha						
nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta						
phosphatidylinositol-4-phosphate 3-kinase, catalytic subunit type 2 beta						
phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta						
phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit gamma						
phosphoinositide-3-kinase, regulatory subunit 3 (gamma)						
phospholipase C, gamma 2 (phosphatidylinositol-specific)						
protein kinase, cAMP-dependent, catalytic, alpha						
protein kinase, cAMP-dependent, catalytic, beta						
protein kinase, cAMP-dependent, catalytic, gamma						
protein kinase C, beta						
protein kinase C, theta						
TGF-beta activated kinase 1/MAP3K7 binding protein 1						
TGF-beta activated kinase 1/MAP3K7 binding protein 2						
TGF-beta activated kinase 1/MAP3K7 binding protein 3						
tyrosyl-DNA phosphodiesterase 2						
transforming growth factor, beta receptor II						
transforming growth factor, beta receptor III						
toll-interleukin 1 receptor (TIR) domain containing adaptor protein						
tumor necrosis factor						
tumor necrosis factor, alpha-induced protein 3						
tumor necrosis factor receptor superfamily, member 11a, NFKB activator						
tumor necrosis factor receptor superfamily, member 11b						
tumor necrosis factor receptor superfamily, member 1A						
tumor necrosis factor receptor superfamily, member 1B						
tumor necrosis factor (ligand) superfamily, member 13b						
TNFAIP3 interacting protein 1						
TNF receptor-associated factor 2						
TNF receptor-associated factor 5						
TNF receptor-associated factor 6, E3 ubiquitin protein ligase						
ubiquitin-conjugating enzyme E2N						
ubiquitin-conjugating enzyme E2 variant 1						

	MVA	NYVAC	WR	NYBH	CopV	ANK
v-akt murine thymoma viral oncogene homolog 2						
v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)						
BCL2-associated agonist of cell death						
B-cell CLL/lymphoma 2						
BCL2-like 1						
cyclin D1						
cyclin-dependent kinase inhibitor 1A (p21, Cip1)						
cyclin-dependent kinase inhibitor 1B (p27, Kip1)						
eukaryotic translation initiation factor 4E						
eukaryotic translation initiation factor 4E binding protein 1						
forkhead box O1						
forkhead box O3						
GRB2-associated binding protein 1						
GRB2-associated binding protein 2						
growth differentiation factor 15						
growth factor receptor-bound protein 2						
glycogen synthase kinase 3 beta						
glycogen synthase 1 (muscle)						
H2B histone family, member M						
v-Ha-ras Harvey rat sarcoma viral oncogene homolog						
inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta						
inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon						
integrin-linked kinase						
inositol polyphosphate-5-phosphatase F						
inositol polyphosphate-5-phosphatase K						
inositol polyphosphate phosphatase-like 1						
integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)						
integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)						
integrin, alpha 5 (fibronectin receptor, alpha polypeptide)						
Janus kinase 2						
Janus kinase 3						
mitogen-activated protein kinase kinase kinase 5						
mitogen-activated protein kinase 3						
mitogen-activated protein kinase kinase kinase 8						
mitogen-activated protein kinase 8 interacting protein 1						
myeloid cell leukemia sequence 1 (BCL2-related)						
MDM2 oncogene, E3 ubiquitin protein ligase						
mechanistic target of rapamycin (serine/threonine kinase)						
nuclear factor of kappa light polypeptide gene enhancer in B-cells 1						
nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha						
nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, beta						
nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, epsilon						
nitric oxide synthase 3 (endothelial cell)						
oculocerebrorenal syndrome of Lowe						
3-phosphoinositide dependent protein kinase-1						
phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha						
phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit delta						
phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit gamma						
phosphoinositide-3-kinase, regulatory subunit 3 (gamma)						
protein phosphatase, Mg2+/Mn2+ dependent, 1J						
protein phosphatase 2, catalytic subunit, alpha isozyme						
protein phosphatase 2, catalytic subunit, beta isozyme						
protein phosphatase 2A activator, regulatory subunit 4						
protein phosphatase 2, regulatory subunit A, alpha						
protein phosphatase 2, regulatory subunit A, beta						
protein phosphatase 2, regulatory subunit B, alpha						
protein phosphatase 2, regulatory subunit B'', alpha						
protein phosphatase 2, regulatory subunit B'', beta						
protein phosphatase 2, regulatory subunit B', beta						
protein phosphatase 2, regulatory subunit B', delta						
phosphatase and tensin homolog						
prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)						
v-raf-1 murine leukemia viral oncogene homolog 1						
ribosomal protein S6 kinase, 70kDa, polypeptide 1						
related RAS viral (r-ras) oncogene homolog 2						
related RAS viral (r-ras) oncogene homolog						
stratifin						
SHC (Src homology 2 domain containing) transforming protein 1						
synaptojanin 1						
synaptojanin 2						
thioesterase superfamily member 4						
tumor protein p53						
tuberous sclerosis 1						
tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide						
tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide						
tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide						

Comparison of gene expression profiling between NYVAC-infected macrophages

ProbeName	SystematicName	GeneSymbol	GeneName	EnsemblID	NYVAC vs MØ_logFC
A_21_P0003050	TCONS_00006285	XLOC_002890			2,38624671
A_32_P438767	NM_024019	NEUROG2	neurogenin 2	ENST00000313341	2,326651432
A_23_P431179	NM_003538	HIST1H4A	histone cluster 1, H4a	ENST00000359907	2,265543648
A_33_P3351851	NM_003546	HIST1H4L	histone cluster 1, H4l	ENST00000355981	2,147993291
A_33_P3390107	NR_003286	RN18S1	RNA, 18S ribosomal 1		2,047983979
A_23_P359540	NM_003540	HIST1H4F	histone cluster 1, H4f	ENST00000377745	2,021841656
A_23_P30805	NM_021968	HIST1H4J	histone cluster 1, H4j	ENST00000355057	1,963208031
A_23_P388871	NM_175054	HIST4H4	histone cluster 4, H4	ENST00000539745	1,896223469
A_33_P3383184	ENST00000394967	SP9	Sp9 transcription factor homolog (mouse)	ENST00000394967	1,888752537
A_21_P0000504	NR_023344	RNU6ATAC	RNA, U6atac small nuclear (U12-dependent splicing)		1,874960371
A_21_P0000513	NR_026703	VTRNA1-1	vault RNA 1-1		1,864358064
A_33_P3404989	NM_003536	HIST1H3H	histone cluster 1, H3h	ENST00000369163	1,861188517
A_23_P436281	NM_001034077	HIST2H4B	histone cluster 2, H4b	ENST00000392933	1,854265937
A_33_P3410836	NM_003539	HIST1H4D	histone cluster 1, H4d	ENST00000340756	1,852075751
A_33_P3279708	NR_002761	RNU2-2	RNA, U2 small nuclear 2	ENST00000538098	1,798736719
A_24_P20873	NM_003495	HIST1H4I	histone cluster 1, H4i	ENST00000354348	1,782941927
A_33_P3344229	NM_003538	HIST1H4A	histone cluster 1, H4a	ENST00000359907	1,703610189
A_23_P323685	NM_003543	HIST1H4H	histone cluster 1, H4h	ENST00000377727	1,676552547
A_33_P3299865	NM_003541	HIST1H4K	histone cluster 1, H4k	ENST00000355057	1,666910623
A_21_P0004692	ENST00000417800	XLOC_005480		ENST00000417800	1,647030525
A_23_P69537	NM_006681	NMU	neuromedin U	ENST00000541393	1,570671514
A_32_P221799	NM_003514	HIST1H2AM	histone cluster 1, H2am	ENST00000359611	1,500894358
A_23_P30813	NM_003541	HIST1H4K	histone cluster 1, H4k	ENST00000357549	1,498338395
A_23_P163402	NM_000499	CYP1A1	cytochrome P450, family 1, subfamily A, polypeptide 1	ENST00000379727	1,494346188
A_33_P3459365	NR_034007	LOC339894	uncharacterized LOC339894	ENST00000471357	1,491633114
A_23_P146198	NM_000780	CYP7A1	cytochrome P450, family 7, subfamily A, polypeptide 1	ENST00000301645	1,488781903

A_33_P3257678	NM_001005464	HIST2H3A	histone cluster 2, H3a	ENST00000369158	1,485379238
A_23_P363174	NM_003511	HIST1H2AL	histone cluster 1, H2al	ENST00000357320	1,472973002
A_33_P3424384	ENST00000403537	THUMPD2	THUMP domain containing 2	ENST00000403537	1,4503225
A_23_P43337	NM_144966	FREM1	FRAS1 related extracellular matrix 1	ENST00000380880	1,443428487
A_21_P0000624	NM_001243392	SLC6A13	solute carrier family 6 (neurotransmitter transporter, GABA	ENST00000436453	1,438684778
A_21_P0004619	ENST00000414364	XLOC_005927		ENST00000414364	1,432428165
A_33_P3273584	NR_003023	SCARNA2	small Cajal body-specific RNA 2		1,39649973
A_21_P0006741	ENST00000446012	XLOC_008762		ENST00000446012	1,394862071
A_23_P27649	NM_001080411	ZNF433	zinc finger protein 433	ENST00000344980	1,392500102
A_23_P52986	NM_152718	VWCE	von Willebrand factor C and EGF domains	ENST00000335613	1,389358977
A_21_P0004617	ENST00000430078	XLOC_005900		ENST00000430078	1,360318982
A_21_P0002842	ENST00000430018	XLOC_003065		ENST00000430018	1,360184122
A_23_P372860	NM_003512	HIST1H2AC	histone cluster 1, H2ac	ENST00000377791	1,356748647
A_23_P124905	NM_002522	NPTX1	neuronal pentraxin I	ENST00000535681	1,35604953
A_33_P3238455	NR_034009	SRSF6	serine/arginine-rich splicing factor 6	ENST00000483871	1,347909876
A_21_P0014262	XR_109039	LOC100507144	uncharacterized LOC100507144		1,341218083
A_33_P3274034	ENST00000316024	WRAP53	WD repeat containing, antisense to TP53	ENST00000316024	1,334266993
A_21_P0000514	NR_026704	VTRNA1-2	vault RNA 1-2		1,325241022
A_21_P0000197	NM_021064	HIST1H2AG	histone cluster 1, H2ag	ENST00000359193	1,324710317
A_21_P0010779	ENST00000441085	XLOC_I2_001138		ENST00000441085	1,314183604
A_21_P0014894	XR_132878	LOC100652757	uncharacterized LOC100652757		1,309465548
A_33_P3229246	NM_003528	HIST2H2BE	histone cluster 2, H2be	ENST00000369155	1,3076243
A_21_P0001880	ENST00000453951	XLOC_001537		ENST00000453951	1,299647309
A_33_P3229335	NM_175055	HIST3H2BB	histone cluster 3, H2bb	ENST00000369160	1,292079363
A_23_P52121	NM_002614	PDZK1	PDZ domain containing 1	ENST00000451928	1,289380329
A_19_P00316836	ENST00000377469	XLOC_001537		ENST00000377469	1,282151265
A_33_P3237210	AF445025	SLC35A4	solute carrier family 35, member A4	ENST00000514199	1,26580665
A_23_P406071	ENST00000408913	ZFP36L1	zinc finger protein 36, C3H type-like 1	ENST00000408913	1,263178137
A_21_P0002300	TCONS_00003905	XLOC_001710			1,251763042

A_21_P0002307	TCONS_00003921	XLOC_001726				1,247235459
A_33_P3267263	NR_004400	RNU1-5	RNA, U1 small nuclear 5			1,244573855
A_21_P0005128	TCONS_00012569	XLOC_005426				1,243775961
A_21_P0000584	NR_030583	VTRNA2-1	vault RNA 2-1			1,239869842
A_23_P407080	NM_173489	HEATR7B2	HEAT repeat family member 7B2	ENST00000399564		1,239192008
A_19_P00322743	XR_110481	LOC100506029	uncharacterized LOC100506029			1,239007825
A_21_P0002602	TCONS_00004841	XLOC_001564				1,2388295
A_33_P3211513	NM_001162407	CLK1	CDC-like kinase 1	ENST00000357369		1,234222578
A_23_P13772	NM_016569	TBX3	T-box 3	ENST00000361100		1,233687188
A_24_P48057	NM_005853	IRX5	iroquois homeobox 5	ENST00000447390		1,227779538
A_19_P00315791	NR_034007	LOC339894	uncharacterized LOC339894	ENST00000471357		1,22670996
A_23_P50638	NM_052972	LRG1	leucine-rich alpha-2-glycoprotein 1	ENST00000306390		1,219588196
A_23_P102172	NM_173077	CPO	carboxypeptidase O	ENST00000272852		1,214401677
A_33_P3270429	ENST00000383773	NR1D2	nuclear receptor subfamily 1, group D, member 2	ENST00000383773		1,209567725
A_33_P3507384	AK056398	LOC152274	uncharacterized LOC152274			1,209303131
A_21_P0012091	ENST00000438056	XLOC_I2_008261		ENST00000438056		1,192358661
A_23_P2283	NM_013251	TAC3	tachykinin 3	ENST00000393867		1,189937798
A_21_P0013490	TCONS_I2_0002778	XLOC_I2_014217				1,186701308
A_21_P0014049	NR_027420	LOC389834	ankyrin repeat domain 57 pseudogene			1,186055239
A_24_P277673	NM_003547	HIST1H4G	histone cluster 1, H4g	ENST00000244537		1,185671622
A_33_P3417339	NM_020859	SHROOM3	shroom family member 3	ENST00000264907		1,182138604
A_21_P0000515	NR_026705	VTRNA1-3	vault RNA 1-3			1,178269784
A_33_P3409854	NM_005568	LHX1	LIM homeobox 1	ENST00000254457		1,174698682
A_21_P0010624	TCONS_I2_0000128	XLOC_I2_000941				1,167449867
A_21_P0013280	TCONS_I2_0002638	XLOC_I2_013728				1,165460024
A_33_P3209816	NM_207325	DPY19L3	dpy-19-like 3 (C. elegans)	ENST00000392248		1,163776663
A_33_P3247838	NM_001136501	ZNF844	zinc finger protein 844	ENST00000439326		1,159326672
A_21_P0003186	NR_034007	LOC339894	uncharacterized LOC339894	ENST00000471357		1,157516102
A_24_P55148	NM_021058	HIST1H2BJ	histone cluster 1, H2bj	ENST00000339812		1,155634587

A_33_P3257252	NM_138347	ZNF551	zinc finger protein 551	ENST00000359821	1,155389579
A_24_P274615	NM_020801	ARRDC3	arrestin domain containing 3	ENST00000265138	1,150613648
A_33_P3295749	ENST00000378689	GLIPR1L2	GLI pathogenesis-related 1 like 2	ENST00000378689	1,149619637
A_33_P3270172	NR_027022	LOC127841	uncharacterized LOC127841		1,149152372
A_33_P3400699	NM_206883	SLC26A5	solute carrier family 26, member 5 (prestin)	ENST00000339444	1,149092438
A_23_P24275	NR_027709	IDI2-AS1	IDI2 antisense RNA 1 (non-protein coding)	ENST00000536039	1,148732829
A_21_P0005322	ENST00000485282	XLOC_006555		ENST00000485282	1,148646249
A_24_P408603	NM_171998	RAB39B	RAB39B, member RAS oncogene family	ENST00000369454	1,144825878
A_33_P3649472	NR_027078	LOC283856	uncharacterized LOC283856		1,142857735
A_23_P363936	NM_014278	HSPA4L	heat shock 70kDa protein 4-like	ENST00000296464	1,140433465
A_33_P3286953	NM_197941	ADAMTS6	ADAM metalloproteinase with thrombospondin type 1 motif	ENST00000381052	1,138257224
A_23_P108743	NM_152381	XIRP2	xin actin-binding repeat containing 2	ENST00000295237	1,134776282
A_33_P3287879	NM_003536	HIST1H3H	histone cluster 1, H3h	ENST00000369163	1,132411534
A_24_P166407	NM_003544	HIST1H4B	histone cluster 1, H4b	ENST00000377364	1,132250662
A_33_P3305620	NM_001184717	TIPARP	TCDD-inducible poly(ADP-ribose) polymerase	ENST00000461166	1,130406038
A_21_P0009807	TCONS_00027767	XLOC_013356			1,125500628
A_24_P500422	NR_024403	LOC730101	uncharacterized LOC730101		1,123469963
A_33_P3300800	NR_024042	GUCY2E	guanylate cyclase 2E	ENST00000526984	1,117878196
A_21_P0013178	THC2680431	XLOC_I2_013295			1,115103579
A_23_P151851	NM_014080	DUOX2	dual oxidase 2	ENST00000389039	1,113901338
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	1,113889947
A_21_P0009763	TCONS_00027300	XLOC_013300			1,112795746
A_23_P316582	NM_152355	ZNF441	zinc finger protein 441	ENST00000454339	1,112436561
A_23_P415411	NM_003545	HIST1H4E	histone cluster 1, H4e	ENST00000360441	1,106366303
A_33_P3336632	NR_003287	RN28S1	RNA, 28S ribosomal 1		1,105798138
A_21_P0000487	NR_004378	SNORD94	small nucleolar RNA, C/D box 94		1,102631029
A_21_P0005609	NR_024586	LOC100216545	uncharacterized LOC100216545		1,100309286
A_23_P133842	NM_005323	HIST1H1T	histone cluster 1, H1t	ENST00000338379	1,096873268
A_33_P3389394	NR_002312	RPPH1	ribonuclease P RNA component H1	ENST00000554988	1,092715272

A_33_P3420259	NR_003287	RN28S1	RNA, 28S ribosomal 1		1,091172157
A_33_P3252730	NR_027049	ZNF788	zinc finger family member 788	ENST00000339302	1,088475688
A_33_P3274622	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000417964	1,0854371
A_23_P39251	NM_001013706	PLIN5	perilipin 5	ENST00000381848	1,084489087
A_32_P183904	NM_138356	SHF	Src homology 2 domain containing F	ENST00000458022	1,082253082
A_33_P3403254	NM_001080404	ZNF878	zinc finger protein 878	ENST00000440730	1,077044084
A_21_P0013267	NR_026999	LINC00265	long intergenic non-protein coding RNA 265	ENST00000427210	1,075074332
A_33_P3319113	NM_017990	PDPR	pyruvate dehydrogenase phosphatase regulatory subunit	ENST00000398122	1,069637449
A_24_P250227	NM_021724	NR1D1	nuclear receptor subfamily 1, group D, member 1	ENST00000246672	1,067709913
A_33_P3372069	NM_182971	COX8C	cytochrome c oxidase subunit VIII C	ENST00000342144	1,066852631
A_33_P3345309	NM_001195129	PRSS56	protease, serine, 56		1,066839634
A_23_P93258	NM_003537	HIST1H3B	histone cluster 1, H3b	ENST00000244661	1,066138355
A_33_P3262485	NM_145276	ZNF563	zinc finger protein 563	ENST00000293725	1,065177165
A_33_P3291614	XR_110031	LOC100133039	uncharacterized LOC100133039		1,060295362
A_33_P3326545	NM_182492	LRP5L	low density lipoprotein receptor-related protein 5-like	ENST00000402785	1,056555569
A_33_P3229239	NM_001024599	HIST2H2BF	histone cluster 2, H2bf	ENST00000369167	1,056530709
A_33_P3424566	XR_108650	FLJ38717	FLJ38717 protein		1,055567546
A_33_P3384775	ENST00000398497	ZNF295	zinc finger protein 295	ENST00000398497	1,049866026
A_21_P0000621	NR_034008	LOC100498859	uncharacterized LOC100498859	ENST00000471719	1,043885623
A_21_P0000338	NR_002984	SNORA56	small nucleolar RNA, H/ACA box 56	ENST00000481062	1,04351608
A_23_P500998	NM_152739	HOXA9	homeobox A9	ENST00000242050	1,037831386
A_21_P0001195	ENST00000436974	XLOC_001093		ENST00000436974	1,036212392
A_21_P0007374	AK054718	XLOC_009507			1,033076048
A_19_P00318728	NR_034007	LOC339894	uncharacterized LOC339894	ENST00000471357	1,030928588
A_21_P0010928	ENST00000429110	XLOC_l2_001731		ENST00000429110	1,028026737
A_33_P3414107	XR_108595	LOC729040	uncharacterized LOC729040	ENST00000440769	1,027197484
A_21_P0008381	ENST00000553378	XLOC_010920		ENST00000553378	1,025661028
A_21_P0010592	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000447412	1,023354912
A_23_P422933	NM_020809	ARHGAP20	Rho GTPase activating protein 20	ENST00000524756	1,022648046

A_23_P397293	NM_017527	LY6K	lymphocyte antigen 6 complex, locus K	ENST00000292430	1,022002473
A_33_P3253501	NM_001161334	HIST2H2BF	histone cluster 2, H2bf	ENST00000369167	1,017458396
A_33_P3307990	NM_006610	MASP2	mannan-binding lectin serine peptidase 2	ENST00000400897	1,01499943
A_33_P3261173	NM_005479	FRAT1	frequently rearranged in advanced T-cell lymphomas	ENST00000490980	1,014765424
A_24_P390909	NM_181882	PRX	periaxin	ENST00000341562	1,013064084
A_19_P00330549	NR_034127	LOC100132356	uncharacterized LOC100132356		1,012431503
A_21_P0006410	ENST00000420865	XLOC_007911		ENST00000420865	1,009264605
A_24_P9321	NM_003533	HIST1H3I	histone cluster 1, H3i	ENST00000328488	1,007210456
A_21_P0005460	ENST00000469418	XLOC_006324		ENST00000469418	1,006067701
A_21_P0012089	NR_026758	LOC440905	uncharacterized LOC440905	ENST00000449170	1,005333559
A_21_P0014042	NM_001135844	SIRPB1	signal-regulatory protein beta 1	ENST00000381596	1,003020538
A_21_P0008136	ENST00000420210	XLOC_010556		ENST00000420210	1,000169485
A_23_P28598	NM_004405	DLX2	distal-less homeobox 2	ENST00000234198	0,998959923
A_33_P3388061	NM_181617	KRTAP21-2	keratin associated protein 21-2	ENST00000333892	0,997994593
A_23_P114626	NM_000488	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member	ENST00000351522	0,997749985
A_23_P4850	NM_145233	ZNF625	zinc finger protein 625	ENST00000439556	0,996161928
A_33_P3303748	NM_017990	PDPR	pyruvate dehydrogenase phosphatase regulatory subunit	ENST00000429810	0,995603536
A_33_P3362652	NM_001005514	OR5H14	olfactory receptor, family 5, subfamily H, member 14	ENST00000437310	0,992789263
A_21_P0012909	TCONS_I2_0002293	XLOC_I2_012071			0,991736026
A_21_P0004875	TCONS_00011790	XLOC_005264			0,990761786
A_23_P146783	NM_004543	NEB	nebulin	ENST00000509223	0,990758896
A_23_P114626	NM_000488	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member	ENST00000351522	0,990373706
A_33_P3274618	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000427210	0,990117488
A_32_P886589	NM_175895	C12orf61	chromosome 12 open reading frame 61	ENST00000408887	0,988317427
A_21_P0001652	TCONS_00001898	XLOC_001286			0,987617085
A_33_P3329834	NM_018061	PRPF38B	PRP38 pre-mRNA processing factor 38 (yeast) domain cont	ENST00000370022	0,986882131
A_24_P34155	NM_001122607	RUNX1	runt-related transcription factor 1	ENST00000479325	0,984861321
A_21_P0014744	ENST00000442130	LOC100287049		ENST00000442130	0,982663722
A_23_P64980	NM_016615	SLC6A13	solute carrier family 6 (neurotransmitter transporter, GABA	ENST00000343164	0,979902649

A_21_P0013439	ENST00000412091	XLOC_I2_013873		ENST00000412091	0,979774766
A_23_P362148	NM_139072	DNER	delta/notch-like EGF repeat containing	ENST00000543700	0,97701406
A_21_P0000384	NR_003066	SNORD85	small nucleolar RNA, C/D box 85		0,976024604
A_33_P3293675	NM_006598	SLC12A7	solute carrier family 12 (potassium/chloride transporters), r	ENST00000343658	0,973374172
A_33_P3360216	NM_003509	HIST1H2AI	histone cluster 1, H2ai		0,973103971
A_33_P3413667	NM_001136001	ABL2	v-abl Abelson murine leukemia viral oncogene homolog 2	ENST00000392043	0,972576133
A_21_P0000730	NR_038235	LOC100507651	uncharacterized LOC100507651		0,971362356
A_33_P3373046	NM_001024596	ZNF772	zinc finger protein 772	ENST00000291809	0,970652211
A_23_P130764	NM_170720	KCNJ14	potassium inwardly-rectifying channel, subfamily J, member	ENST00000391884	0,970182063
A_33_P3332348	NR_002715	RN7SL1	RNA, 7SL, cytoplasmic 1	ENST00000553637	0,970071493
A_33_P3394517	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinase	ENST00000454049	0,967624803
A_33_P3284448	NR_038857	LOC441009	uncharacterized LOC441009		0,96726738
A_21_P0005039	TCONS_00012219	XLOC_005778			0,966177258
A_23_P59410	NM_030615	KIF25	kinesin family member 25	ENST00000354419	0,962288962
A_23_P30799	NM_021018	HIST1H3F	histone cluster 1, H3f	ENST00000446824	0,960146175
A_21_P0010400	TCONS_00029538	XLOC_014188			0,960021123
A_23_P167997	NM_003518	HIST1H2BG	histone cluster 1, H2bg	ENST00000244601	0,959367344
A_33_P3714482	NM_001135772	LRP5L	low density lipoprotein receptor-related protein 5-like	ENST00000468442	0,958876668
A_24_P223384	NM_003513	HIST1H2AB	histone cluster 1, H2ab	ENST00000259791	0,958857198
A_23_P114626	NM_000488	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member	ENST00000351522	0,958449574
A_21_P0001185	ENST00000431097	XLOC_001070		ENST00000431097	0,956648443
A_23_P143845	NM_015508	TIPARP	TCDD-inducible poly(ADP-ribose) polymerase	ENST00000461166	0,951894614
A_33_P3258602	NM_001005566	OR5B2	olfactory receptor, family 5, subfamily B, member 2	ENST00000302581	0,951811442
A_23_P255331	NM_032623	C4orf49	chromosome 4 open reading frame 49	ENST00000398955	0,949708214
A_33_P3386099	NM_001114123	ELK1	ELK1, member of ETS oncogene family	ENST00000343894	0,948170465
A_23_P320530	NM_001010880	ZNF780A	zinc finger protein 780A	ENST00000455521	0,9472919
A_19_P00802607	TCONS_00003738	XLOC_001537			0,9467791
A_33_P3216605	NM_014698	TMEM63A	transmembrane protein 63A		0,94380536
A_33_P3506553	NR_038871	C21orf91-OT1	C21orf91 overlapping transcript 1 (non-protein coding)	ENST00000439392	0,941685553

A_23_P93180	NM_003526	HIST1H2BC	histone cluster 1, H2bc	ENST00000396984	0,941412395
A_33_P3305521	AB029007	ZNF507	zinc finger protein 507		0,94032667
A_24_P387321	NM_016264	ZNF44	zinc finger protein 44	ENST00000355684	0,938933612
A_21_P0008041	TCONS_00021740	XLOC_010330			0,93838805
A_23_P48698	NM_003814	ADAM20	ADAM metallopeptidase domain 20	ENST00000256389	0,938192528
A_21_P0005449	TCONS_00013649	XLOC_006303			0,93473958
A_32_P25295	NM_006160	NEUROD2	neurogenic differentiation 2	ENST00000302584	0,934085934
A_21_P0006879	TCONS_00018225	XLOC_008503			0,933419416
A_24_P67898	ENST00000370094	MGEA5	meningioma expressed antigen 5 (hyaluronidase)	ENST00000370094	0,932258539
A_32_P336776	NM_194277	FRMD7	FERM domain containing 7	ENST00000298542	0,932169364
A_32_P195647	NM_030624	KLHL15	kelch-like 15 (Drosophila)	ENST00000328046	0,930138074
A_33_P3375790	NM_001145014	RFPL4A	ret finger protein-like 4A	ENST00000341750	0,929834416
A_21_P0013179	ENST00000419463	XLOC_l2_013295		ENST00000419463	0,929114239
A_21_P0005397	TCONS_00013523	XLOC_006163			0,927799487
A_21_P0013304	TCONS_l2_0002655	XLOC_l2_013808			0,927618315
A_21_P0003088	TCONS_00006375	XLOC_002995			0,923637084
A_21_P0009038	TCONS_00024666	XLOC_011951			0,921812082
A_24_P393958	NM_007034	DNAJB4	DnaJ (Hsp40) homolog, subfamily B, member 4	ENST00000370763	0,920450384
A_33_P3378935	AB209007	RBM14	RNA binding motif protein 14	ENST00000409372	0,920227275
A_23_P114626	NM_000488	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member	ENST00000351522	0,918521618
A_32_P151875	NM_020781	ZNF398	zinc finger protein 398	ENST00000426851	0,916691603
A_23_P102172	NM_173077	CPO	carboxypeptidase O	ENST00000272852	0,913271073
A_19_P00317501	NR_034007	LOC339894	uncharacterized LOC339894	ENST00000471357	0,910467402
A_33_P3695899	XR_108600	FLJ31104	uncharacterized LOC441072	ENST00000500093	0,909059661
A_23_P374689	NM_000817	GAD1	glutamate decarboxylase 1 (brain, 67kDa)	ENST00000478562	0,909028367
A_23_P423427	NM_177454	FAM171B	family with sequence similarity 171, member B	ENST00000304698	0,908992719
A_33_P3421703	ENST00000322172	SP2	Sp2 transcription factor	ENST00000322172	0,90848846
A_21_P0013355	TCONS_l2_0002696	XLOC_l2_014050			0,906871693
A_21_P0010447	BC043011	XLOC_014395			0,898964013

A_19_P00317318	NM_001145664	RFX8		ENST00000540519	0,89769491
A_33_P3613000	NM_001105539	ZBTB10	zinc finger and BTB domain containing 10	ENST00000379091	0,896870026
A_24_P380679	NM_182597	C7orf53	chromosome 7 open reading frame 53	ENST00000312849	0,895418541
A_33_P3397323	NM_152355	ZNF441	zinc finger protein 441	ENST00000357901	0,895391579
A_21_P0014224	XR_108920	LOC100505760	uncharacterized LOC100505760		0,89509522
A_19_P00322440	NR_036444	LOC400550	uncharacterized LOC400550		0,894196889
A_23_P126313	NM_018417	ADCY10	adenylate cyclase 10 (soluble)	ENST00000367848	0,893974408
A_21_P0007252	TCONS_00019425	XLOC_009243			0,893438264
A_33_P3372674	NR_026784	C6orf164	chromosome 6 open reading frame 164	ENST00000369572	0,891210526
A_21_P0002348	TCONS_00004017	XLOC_001856			0,890377978
A_21_P0010220	BC029473	XLOC_013853			0,889730933
A_33_P3379391	NM_177925	H2AFJ	H2A histone family, member J	ENST00000228929	0,888715129
A_33_P3264667	NM_183374	CYP26C1	cytochrome P450, family 26, subfamily C, polypeptide 1	ENST00000285949	0,887996137
A_21_P0000682	NR_037642	LOC100527964	uncharacterized LOC100527964	ENST00000415414	0,887834265
A_21_P0007340	ENST00000528366	XLOC_009416		ENST00000528366	0,887106765
A_33_P3379701	BC017346	TRIM36	tripartite motif containing 36		0,886282376
A_23_P97700	NM_006472	TXNIP	thioredoxin interacting protein	ENST00000475171	0,885560467
A_33_P3356371	AK127766	LOC100133089	uncharacterized LOC100133089		0,884549037
A_32_P189204	NM_174942	GAS2L3	growth arrest-specific 2 like 3	ENST00000266754	0,88325134
A_33_P3302632	NM_003523	HIST1H2BE	histone cluster 1, H2be		0,882449698
A_21_P0007693	TCONS_00020732	XLOC_010031			0,882362819
A_33_P3216357	NM_001146702	KDM5C	lysine (K)-specific demethylase 5C	ENST00000349663	0,882303368
A_23_P102172	NM_173077	CPO	carboxypeptidase O	ENST00000272852	0,880500019
A_21_P0014758	XR_132514	LOC100652921	uncharacterized LOC100652921		0,878610372
A_23_P346327	NR_026674	FLJ30679	uncharacterized protein FLJ30679		0,877257405
A_23_P19134	NM_032119	GPR98	G protein-coupled receptor 98	ENST00000296619	0,876498102
A_21_P0007465	TCONS_00020094	XLOC_009485			0,876312268
A_21_P0003060	TCONS_00006311	XLOC_002925			0,875749089
A_33_P3361412	NM_018420	SLC22A15	solute carrier family 22, member 15	ENST00000369502	0,875712906

A_23_P37942	NM_021195	CLDN6	claudin 6	ENST00000328796	0,87503848
A_21_P0010755	NM_022064	RNF123	ring finger protein 123	ENST00000443204	0,874871362
A_33_P3353425	NM_020935	USP37	ubiquitin specific peptidase 37	ENST00000478329	0,874440138
A_33_P3351686	NM_001114938	CCDC17	coiled-coil domain containing 17	ENST00000479529	0,874108528
A_21_P0011082	NR_040112	A2MP1	alpha-2-macroglobulin pseudogene 1	ENST00000543404	0,873468428
A_21_P0000708	NR_037933	C14orf55	metalloproteinase-disintegrin 1-2 pseudogene	ENST00000556964	0,872495843
A_33_P3282374	ENST00000535064	TIAM2	T-cell lymphoma invasion and metastasis 2	ENST00000535064	0,872095351
A_33_P3357049	NR_026768	RPS15AP10	ribosomal protein S15a pseudogene 10		0,870846972
A_21_P0008892	TCONS_00024294	XLOC_011772			0,870364137
A_21_P0011321	TCONS_I2_0000861	XLOC_I2_004640			0,868011311
A_33_P3323298	NM_002228	JUN	jun proto-oncogene	ENST00000371222	0,867686325
A_33_P3318439	NM_001131034	RNF212	ring finger protein 212	ENST00000382968	0,867311105
A_21_P0007824	TCONS_00021074	XLOC_009668			0,866711619
A_23_P208240	ENST00000355147	ZNF160	zinc finger protein 160	ENST00000355147	0,866495244
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,865785347
A_24_P146211	NM_021063	HIST1H2BD	histone cluster 1, H2bd	ENST00000377777	0,865041346
A_33_P3264379	NR_027049	ZNF788	zinc finger family member 788	ENST00000397759	0,864625033
A_21_P0012044	THC2689015	XLOC_I2_007783			0,863975796
A_23_P64913	NM_006205	PDE6H	phosphodiesterase 6H, cGMP-specific, cone, gamma	ENST00000266395	0,863646996
A_21_P0007635	TCONS_00020579	XLOC_009895			0,861779566
A_33_P3352632	AK096262	LOC728147	uncharacterized LOC728147		0,860928041
A_33_P3278911	NM_032205	PHF20L1	PHD finger protein 20-like 1	ENST00000395382	0,860558947
A_21_P0003369	ENST00000508135	XLOC_003549		ENST00000508135	0,859605335
A_33_P3281532	NM_022780	RMND5A	required for meiotic nuclear division 5 homolog A (S. cerevi	ENST00000283632	0,859551389
A_33_P3839897	DW419002	RNU4ATAC	RNA, U4atac small nuclear (U12-dependent splicing)		0,858628905
A_23_P111054	NM_021062	HIST1H2BB	histone cluster 1, H2bb	ENST00000357905	0,855348987
A_21_P0001139	AK128720	PKP4	plakophilin 4	ENST00000448344	0,854929633
A_23_P67278	NM_005815	ZNF443	zinc finger protein 443	ENST00000411622	0,854049745
A_23_P301247	NM_003517	HIST2H2AC	histone cluster 2, H2ac	ENST00000331380	0,853886438

A_19_P00315502	ENST00000417112	P01115		ENST00000417112	0,853046477
A_24_P145911	ENST00000342294	TRA2B	transformer 2 beta homolog (Drosophila)	ENST00000342294	0,852239578
A_32_P84242	NM_015566	FAM169A	family with sequence similarity 169, member A	ENST00000510609	0,85120098
A_32_P387648	NM_002016	FLG	filaggrin	ENST00000368799	0,849952795
A_21_P0008992	TCONS_00024502	XLOC_011821			0,847374909
A_21_P0007352	TCONS_00019635	XLOC_009437			0,847194759
A_21_P0012911	XM_003403424	LOC100652810	beta-glucuronidase-like protein SMA5-like		0,845697497
A_23_P114626	NM_000488	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member	ENST00000351522	0,845423429
A_21_P0003823	TCONS_00008729	XLOC_003411			0,845137115
A_33_P3276913	ENST00000399010	TTC3	tetratricopeptide repeat domain 3	ENST00000399010	0,844373042
A_21_P0001493	TCONS_00001468	XLOC_000794			0,843404886
A_24_P143574	NM_006065	SIRPB1	signal-regulatory protein beta 1	ENST00000279477	0,842611144
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,841306127
A_32_P173298	NM_012426	SF3B3	splicing factor 3b, subunit 3, 130kDa	ENST00000310750	0,839969061
A_19_P00318916	NR_038988	LOC100287765			0,839665454
A_21_P0004452	TCONS_00010518	XLOC_005036			0,838615586
A_21_P0005280	TCONS_00013117	XLOC_006335			0,838212422
A_33_P3251347	ENST00000378928	TAB3	TGF-beta activated kinase 1/MAP3K7 binding protein 3	ENST00000378928	0,836740325
A_23_P59069	NM_003527	HIST1H2BO	histone cluster 1, H2bo	ENST00000303806	0,835467901
A_23_P157117	NM_182898	CREB5	cAMP responsive element binding protein 5	ENST00000409603	0,83518868
A_23_P93282	NM_003535	HIST1H3J	histone cluster 1, H3j	ENST00000359303	0,834762732
A_21_P0000068	NM_001167676	LOC100128071	uncharacterized LOC100128071		0,834342213
A_21_P0004915	TCONS_00011909	XLOC_005410			0,833937746
A_21_P0000371	NR_003037	SNORD7	small nucleolar RNA, C/D box 7		0,833784681
A_23_P108221	NM_032037	TSSK6	testis-specific serine kinase 6	ENST00000360913	0,833610436
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	0,833056937
A_33_P3385002	NM_001114123	ELK1	ELK1, member of ETS oncogene family	ENST00000376983	0,833020797
A_23_P116249	NM_014619	GRIK4	glutamate receptor, ionotropic, kainate 4	ENST00000527524	0,832821389
A_23_P92107	NM_021082	SLC15A2	solute carrier family 15 (H+/peptide transporter), member 2	ENST00000489711	0,83210099

A_21_P0001371	NM_001128223	ZNF717	zinc finger protein 717	ENST00000422325	0,831508103
A_21_P0012229	ENST00000433303	XLOC_I2_009181		ENST00000433303	0,831102296
A_19_P00321110	ENST00000449545	LOC100505519		ENST00000449545	0,830366955
A_33_P3411244	NM_001005203	OR8S1	olfactory receptor, family 8, subfamily S, member 1	ENST00000310194	0,828072818
A_33_P3358943	NM_000839	GRM2	glutamate receptor, metabotropic 2	ENST00000464585	0,828045986
A_21_P0011463	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinase	ENST00000447140	0,826971106
A_33_P3305243	ENST00000373903	PSMD5	proteasome (prosome, macropain) 26S subunit, non-ATPase	ENST00000373903	0,826705877
A_23_P203829	NM_015394	ZNF10	zinc finger protein 10	ENST00000426665	0,826617007
A_21_P0013220	BI830525	XLOC_I2_013456			0,824542763
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,823642686
A_21_P0008109	AF339799	XLOC_010477		ENST00000434547	0,823418902
A_32_P149546	NM_014675	CROCC	ciliary rootlet coiled-coil, rootletin	ENST00000467715	0,822955058
A_33_P3222233	NM_001159747	CC2D2B	coiled-coil and C2 domain containing 2B	ENST00000475252	0,821373731
A_21_P0013826	TCONS_I2_0003055	XLOC_I2_015773			0,821070155
A_24_P918175	BC009864	LOC653581	uncharacterized LOC653581		0,820926056
A_23_P110462	NM_013340	PCDHB1	protocadherin beta 1	ENST00000306549	0,820477743
A_33_P3214119	ENST00000528751	NPEPPS	aminopeptidase puromycin sensitive	ENST00000528751	0,819576896
A_24_P247732	NM_021095	SLC5A6	solute carrier family 5 (sodium-dependent vitamin transporter)	ENST00000442731	0,819400265
A_23_P110234	NM_001890	CSN1S1	casein alpha s1	ENST00000505782	0,818904575
A_23_P16242	NM_021143	ZNF20	zinc finger protein 20	ENST00000430024	0,818710305
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,818435025
A_21_P0014606	ENST00000415255	LOC100506950		ENST00000415255	0,818113036
A_21_P0009632	TCONS_00026722	XLOC_012857			0,817904582
A_21_P0008872	AK025061	FLJ21408	uncharacterized LOC400512		0,81678882
A_23_P212089	NM_031419	NFKBIZ	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000326172	0,816666057
A_23_P360626	NM_178836	PLD6	phospholipase D family, member 6	ENST00000321560	0,81613914
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,814901187
A_21_P0000243	NR_002439	SNORD43	small nucleolar RNA, C/D box 43	ENST00000453303	0,81305976
A_21_P0006658	THC2503064	XLOC_008405			0,811575079

A_21_P0013976	XM_001723486	LOC100130476	uncharacterized LOC100130476		0,810944229
A_33_P3343872	NM_001039508	SIRPG	signal-regulatory protein gamma	ENST00000216927	0,810448321
A_33_P3389478	ENST00000380799	SNAPC3	small nuclear RNA activating complex, polypeptide 3, 50kDa	ENST00000380799	0,810283136
A_33_P3347928	NM_020307	CCNL1	cyclin L1	ENST00000295925	0,809909285
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,809662897
A_21_P0014219	XR_108902	LOC100507204	uncharacterized LOC100507204		0,809601871
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	0,809368988
A_33_P3308706	ENST00000525257	USP47	ubiquitin specific peptidase 47	ENST00000525257	0,809335333
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,808807253
A_33_P3229370	NM_001546	ID4	inhibitor of DNA binding 4, dominant negative helix-loop-helix	ENST00000378700	0,808547235
A_21_P0014277	ENST00000553105	LOC100506606		ENST00000553105	0,806889169
A_24_P925635	NR_024271	SEPT7P2	septin 7 pseudogene 2	ENST00000338231	0,806599055
A_33_P3413821	AK090554	KIRREL	kin of IRRE like (Drosophila)	ENST00000368172	0,806171979
A_33_P3385983	NM_021143	ZNF20	zinc finger protein 20	ENST00000292241	0,805309034
A_21_P0001840	AL117577	XLOC_001377		ENST00000450628	0,804168011
A_21_P0009462	TCONS_00026292	XLOC_012636			0,803998804
A_23_P23646	NM_007122	USF1	upstream transcription factor 1	ENST00000473969	0,803954484
A_21_P0002438	TCONS_00004245	XLOC_002085			0,803760336
A_24_P91405	NM_152601	ZNF709	zinc finger protein 709	ENST00000397732	0,803644803
A_33_P3274129	NM_001137560	TMEM151B	transmembrane protein 151B	ENST00000451188	0,803495581
A_21_P0012222	BC036580	C21orf81	ankyrin repeat domain 20 family, member A3 pseudogene		0,803043184
A_24_P93736	NR_024341	FLJ40292	uncharacterized LOC643210		0,802847643
A_23_P102172	NM_173077	CPO	carboxypeptidase O	ENST00000272852	0,802787783
A_21_P0000502	NR_004407	RNU11	RNA, U11 small nuclear		0,802456501
A_23_P114626	NM_000488	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member 1	ENST00000351522	0,801324902
A_23_P59045	NM_021052	HIST1H2AE	histone cluster 1, H2ae	ENST00000303910	0,800890637
A_21_P0009749	AK090762	XLOC_013275			0,799913727
A_33_P3379486	AK127427	LOC100130581	uncharacterized LOC100130581		0,799724476
A_33_P3255914	NM_013262	MYLIP	myosin regulatory light chain interacting protein	ENST00000349606	0,797654096

A_19_P00322984	THC2573057	XLOC_006037				0,797000519
A_23_P410625	NM_153695	ZNF367	zinc finger protein 367	ENST00000375256		0,79679005
A_33_P3381781	ENST00000369067	RPRD2	regulation of nuclear pre-mRNA domain containing 2	ENST00000369067		0,796712306
A_23_P366216	NM_003524	HIST1H2BH	histone cluster 1, H2bh	ENST00000356350		0,796652584
A_33_P3297517	NM_001243879	TRA2B	transformer 2 beta homolog (Drosophila)	ENST00000342294		0,795075614
A_23_P114626	NM_000488	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member	ENST00000351522		0,794977952
A_23_P326931	NM_145170	TTC18	tetratricopeptide repeat domain 18	ENST00000394865		0,794847789
A_33_P3310966	AK092192	LOC100128501	uncharacterized LOC100128501			0,792718376
A_33_P3389113	NR_034108	TRAF3IP2-AS1	TRAF3IP2 antisense RNA 1 (non-protein coding)			0,792230586
A_21_P0013877	TCONS_I2_0003089	XLOC_I2_015885				0,791649176
A_24_P206317	NM_058176	HDAC9	histone deacetylase 9	ENST00000461159		0,791366578
A_24_P359030	NR_024233	LINC00167	long intergenic non-protein coding RNA 167			0,790564035
A_24_P350744	NM_014949	KIAA0907	KIAA0907	ENST00000466713		0,789759003
A_23_P369328	NM_145306	C10orf35	chromosome 10 open reading frame 35	ENST00000373279		0,7890123
A_33_P3390955	NR_004422	HPVC1	human papillomavirus (type 18) E5 central sequence-like 1			0,788619998
A_33_P3246997	ENST00000311571	LUC7L3	LUC7-like 3 (S. cerevisiae)	ENST00000311571		0,787745921
A_21_P0007578	TCONS_00020465	XLOC_009798				0,787528391
A_33_P3327519	NR_002915	SNORA74A	small nucleolar RNA, H/ACA box 74A			0,787386502
A_33_P3416301	NM_198256	E2F6	E2F transcription factor 6	ENST00000362009		0,786942371
A_21_P0000293	NR_002908	SNORD20	small nucleolar RNA, C/D box 20			0,786390519
A_23_P134237	NM_002889	RARRES2	retinoic acid receptor responder (tazarotene induced) 2	ENST00000482669		0,786378416
A_33_P3332287	XR_109820	DUX4L9	double homeobox 4 like 9			0,78549323
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988		0,785218093
A_33_P3668839	NR_036539	LOC644656	uncharacterized LOC644656			0,784498353
A_32_P182473	NM_145233	ZNF625	zinc finger protein 625	ENST00000439556		0,784344147
A_21_P0000283	NR_002741	SNORD53	small nucleolar RNA, C/D box 53			0,783801459
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988		0,783797208
A_21_P0008120	TCONS_00021907	XLOC_010502				0,783447766
A_33_P3415113	NM_021735	CLCN6	chloride channel 6	ENST00000376490		0,782937777

A_21_P0006202	TCONS_00016119	XLOC_007506				0,782605883
A_33_P3297020	NR_026816	PSORS1C3	psoriasis susceptibility 1 candidate 3 (non-protein coding)	ENST00000376242		0,781187882
A_24_P23921	NM_001080465	C17orf98	chromosome 17 open reading frame 98	ENST00000398575		0,780059966
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988		0,780015763
A_21_P0002502	TCONS_00004440	XLOC_002313				0,779153619
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988		0,778802057
A_23_P425967	NM_175064	SPDYE1	speedy homolog E1 (Xenopus laevis)	ENST00000258704		0,778304868
A_21_P0012990	ENST00000507733	XLOC_I2_012071		ENST00000507733		0,77645681
A_33_P3299560	AK094480	LEKR1	leucine, glutamate and lysine rich 1			0,776383522
A_21_P0011209	ENST00000416576	XLOC_I2_003885		ENST00000416576		0,776213152
A_21_P0004318	TCONS_00010148	XLOC_004615				0,775988305
A_23_P168828	NM_005655	KLF10	Kruppel-like factor 10	ENST00000285407		0,775824895
A_23_P74162	NM_018134	IQCC	IQ motif containing C	ENST00000537469		0,775666185
A_32_P202759	NM_177454	FAM171B	family with sequence similarity 171, member B	ENST00000272804		0,775282298
A_23_P89589	NM_002616	PER1	period homolog 1 (Drosophila)	ENST00000317276		0,774559673
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804		0,77428529
A_21_P0012805	NR_038331	LOC100505545	uncharacterized LOC100505545	ENST00000505848		0,774266998
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988		0,773882536
A_33_P3626709	AK126613	LOC100129280	uncharacterized LOC100129280			0,773443025
A_23_P34877	NM_022768	RBM15	RNA binding motif protein 15	ENST00000487146		0,772841063
A_24_P623782	NM_001005217	FRG2	FSHD region gene 2	ENST00000378763		0,772829649
A_23_P8013	NM_003519	HIST1H2BL	histone cluster 1, H2bl	ENST00000377401		0,770893131
A_21_P0010675	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000427210		0,770591574
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804		0,76972418
A_24_P327181	NM_032387	WNK4	WNK lysine deficient protein kinase 4	ENST00000246914		0,769111049
A_23_P415015	NM_022374	ATL2	atlastin GTPase 2	ENST00000546051		0,768285913
A_21_P0013927	ENST00000484786	TRAK1	trafficking protein, kinesin binding 1	ENST00000484786		0,767168485
A_21_P0000023	NM_001159749	RIOK2	RIO kinase 2 (yeast)	ENST00000508447		0,766384492
A_21_P0009415	TCONS_00026158	XLOC_012572				0,766297473

A_23_P318432	NM_138295	PKD1L1	polycystic kidney disease 1 like 1	ENST00000289672	0,76622311
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,76595873
A_33_P3305770	ENST00000389311	NBR1	neighbor of BRCA1 gene 1	ENST00000389311	0,765925202
A_32_P197825	NM_001032392	PLGLB1	plasminogen-like B1	ENST00000482249	0,765559679
A_33_P3227551	ENST00000509069	ZNF331	zinc finger protein 331	ENST00000509069	0,765120527
A_33_P3255001	NR_026834	LOC152024	uncharacterized LOC152024	ENST00000432505	0,765086138
A_33_P3262292	NM_015562	UBXN7	UBX domain protein 7	ENST00000535858	0,765020915
A_23_P398854	NM_173660	DOK7	docking protein 7	ENST00000515886	0,764947536
A_33_P3220976	BC043212	EFHB	EF-hand domain family, member B	ENST00000474780	0,764042772
A_23_P323898	NR_028077	ZSCAN12	zinc finger and SCAN domain containing 12	ENST00000396827	0,763533272
A_33_P3325723	NM_001822	CHN1	chimerin (chimaerin) 1	ENST00000492964	0,763182803
A_23_P114185	NM_004615	TSPAN7	tetraspanin 7	ENST00000422612	0,763058517
A_21_P0013593	TCONS_I2_0002884	XLOC_I2_014853			0,76299406
A_21_P0009205	TCONS_00025256	XLOC_012590			0,762923896
A_21_P0013237	TCONS_I2_0002598	XLOC_I2_013465			0,762283834
A_23_P395374	NM_003539	HIST1H4D	histone cluster 1, H4d	ENST00000340756	0,761929134
A_33_P3359518	NM_001085487	MYSM1	Myb-like, SWIRM and MPN domains 1	ENST00000401044	0,758923267
A_24_P926684	ENST00000503418	UBE2D3	ubiquitin-conjugating enzyme E2D 3	ENST00000503418	0,758622118
A_21_P0011869	TCONS_I2_0001421	XLOC_I2_007731			0,757360192
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	0,756829918
A_21_P0003846	TCONS_00008868	XLOC_003636			0,756616437
A_23_P16817	NM_004071	CLK1	CDC-like kinase 1	ENST00000496205	0,756533813
A_23_P106042	NM_001037288	CMTM5	CKLF-like MARVEL transmembrane domain containing 5	ENST00000553750	0,755585362
A_23_P102172	NM_173077	CPO	carboxypeptidase O	ENST00000272852	0,754823955
A_23_P115161	NM_002036	DARC	Duffy blood group, chemokine receptor	ENST00000435307	0,754734278
A_33_P3266410	NM_002383	MAZ	MYC-associated zinc finger protein (purine-binding transcrip	ENST00000545521	0,754269181
A_33_P3759737	NR_037809	LOC151171	uncharacterized LOC151171	ENST00000446979	0,753806781
A_23_P301328	ENST00000476313	PDXK	pyridoxal (pyridoxine, vitamin B6) kinase	ENST00000476313	0,753774077
A_33_P3334590	NM_017762	MTMR10	myotubularin related protein 10	ENST00000340566	0,753403944

A_21_P0008728	TCONS_00024081	XLOC_011437				0,752976758
A_21_P0003330	NR_040108	LOC728175	uncharacterized LOC728175			0,752944246
A_24_P291658	NM_000667	ADH1A	alcohol dehydrogenase 1A (class I), alpha polypeptide	ENST00000412614		0,752716644
A_21_P0010495	NR_038958	LOC100507412	uncharacterized LOC100507412			0,752576318
A_33_P3283300	ENST00000469758	FAM204A	family with sequence similarity 204, member A	ENST00000469758		0,752423867
A_33_P3343800	ENST00000443925	TSSC1	tumor suppressing subtransferable candidate 1	ENST00000443925		0,752369345
A_33_P3349252	AL512723	DKFZP547L112	uncharacterized protein DKFZp547L112			0,752055458
A_24_P508103	NR_026758	LOC440905	uncharacterized LOC440905	ENST00000456785		0,751611265
A_33_P3380762	NR_027120	HSD52	uncharacterized LOC729467			0,751158061
A_21_P0013266	BQ926105	XLOC_I2_013594				0,750909521
A_33_P3390092	NR_038948	LOC100506136	uncharacterized LOC100506136			0,750743676
A_23_P331770	NM_018561	USP49	ubiquitin specific peptidase 49	ENST00000297229		0,750476313
A_21_P0004742	ENST00000456103	XLOC_005663		ENST00000456103		0,750191562
A_23_P27636	NM_144566	ZNF700	zinc finger protein 700	ENST00000254321		0,749856662
A_23_P135730	NM_145295	ZNF627	zinc finger protein 627	ENST00000361113		0,749713739
A_23_P85209	NM_000640	IL13RA2	interleukin 13 receptor, alpha 2	ENST00000243213		0,749319766
A_21_P0012527	ENST00000411596	XLOC_I2_010083		ENST00000411596		0,748438915
A_23_P364324	NM_152701	ABCA13	ATP-binding cassette, sub-family A (ABC1), member 13	ENST00000435803		0,74826124
A_21_P0013308	TCONS_I2_0002659	XLOC_I2_013846				0,747886772
A_33_P3346327	NR_003674	KGFLP1	fibroblast growth factor 7 pseudogene	ENST00000377614		0,747468602
A_23_P109785	NM_003889	NR1I2	nuclear receptor subfamily 1, group I, member 2	ENST00000493757		0,747417964
A_23_P115805	NM_001143764	SYCE1	synaptonemal complex central element protein 1	ENST00000460441		0,746793905
A_33_P3229083	NM_080593	HIST1H2BK	histone cluster 1, H2bk	ENST00000356950		0,745588943
A_23_P30254	NM_006622	PLK2	polo-like kinase 2	ENST00000502671		0,745412913
A_33_P3361811	NM_024561	NAA16	N(alpha)-acetyltransferase 16, NatA auxiliary subunit	ENST00000379367		0,745178156
A_21_P0004917	TCONS_00011912	XLOC_005413				0,74507284
A_19_P00809548	NR_026999	LINC00265	long intergenic non-protein coding RNA 265			0,745054549
A_33_P3271105	NM_001135654	PABPC4	poly(A) binding protein, cytoplasmic 4 (inducible form)	ENST00000531243		0,74471959
A_21_P0005543	TCONS_00014010	XLOC_006657				0,744683494

A_33_P3211268	ENST00000334588	GPATCH4	G patch domain containing 4	ENST00000334588	0,744531738
A_23_P403081	NM_198566	C5orf34	chromosome 5 open reading frame 34	ENST00000506213	0,744234934
A_33_P3233843	NM_001190981	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000542298	0,742873085
A_21_P0002298	ENST00000449714	XLOC_001703		ENST00000449714	0,74216808
A_23_P93602	NM_001010905	C6orf58	chromosome 6 open reading frame 58	ENST00000329722	0,741600263
A_19_P00810043	XR_108650	FLJ38717	FLJ38717 protein		0,741215575
A_21_P0008164	TCONS_00022023	XLOC_010617			0,740153081
A_21_P0012541	XR_109995	LOC285286	uncharacterized LOC285286		0,739819566
A_33_P3375467	NM_177483	GPLD1	glycosylphosphatidylinositol specific phospholipase D1	ENST00000475417	0,739292132
A_23_P114626	NM_000488	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member	ENST00000351522	0,739196605
A_24_P314585	NM_181532	ERAS	ES cell expressed Ras	ENST00000338270	0,738323162
A_21_P0003081	TCONS_00006354	XLOC_002975			0,737342132
A_33_P3381022	ENST00000362035	ICMT	isoprenylcysteine carboxyl methyltransferase	ENST00000362035	0,736827808
A_33_P3373165	NM_001177376	DUX4L4	double homeobox 4 like 4	ENST00000538692	0,736744797
A_32_P205944	NM_005054	RGPD5	RANBP2-like and GRIP domain containing 5	ENST00000302558	0,735999902
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,735939412
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,735566686
A_23_P80162	NM_032405	TMPRSS3	transmembrane protease, serine 3	ENST00000478680	0,735521731
A_21_P0003179	TCONS_00006667	XLOC_003263			0,734509605
A_21_P0001010	TCONS_00000293	XLOC_000377			0,734446338
A_21_P0007689	THC2730876	XLOC_010023			0,734365466
A_23_P45913	NM_004814	SNRNP40	small nuclear ribonucleoprotein 40kDa (U5)	ENST00000474025	0,734032587
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,733656089
A_21_P0011501	ENST00000446912	XLOC_I2_005350		ENST00000446912	0,733455475
A_33_P3671291	AA378382	SNORA12	small nucleolar RNA, H/ACA box 12		0,733425741
A_24_P941166	NM_001001661	ZNF425	zinc finger protein 425	ENST00000378061	0,732904378
A_21_P0001345	AK094796	LOC729970	hCG2028352-like		0,732077729
A_21_P0003868	THC2648791	XLOC_003807			0,732007958
A_23_P55388	NM_018143	KLHL11	kelch-like 11 (Drosophila)	ENST00000540254	0,731840508

A_32_P187663	NM_001042416	ZNF596	zinc finger protein 596	ENST00000320552	0,730094872
A_23_P39263	NM_173480	ZNF57	zinc finger protein 57	ENST00000395204	0,729946337
A_21_P0013233	AK126699	INTS4L2	integrator complex subunit 4-like 2		0,729775365
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,729709513
A_33_P3258467	NM_178313	SPTBN1	spectrin, beta, non-erythrocytic 1	ENST00000333896	0,729363255
A_23_P426835	AL834536	LOC729652	uncharacterized LOC729652		0,729266352
A_21_P0003812	TCONS_00008689	XLOC_004205			0,728765028
A_33_P3411328	NR_034151	LOC730227	uncharacterized LOC730227		0,728718031
A_21_P0005566	TCONS_00014160	XLOC_006138			0,728622903
A_33_P3322230	AK056507	FLJ31945	uncharacterized LOC440137		0,72808851
A_33_P3424328	ENST00000229824	RAB44	RAB44, member RAS oncogene family	ENST00000229824	0,728054981
A_23_P388150	NM_032562	PLA2G12B	phospholipase A2, group XIIB	ENST00000373032	0,72796061
A_21_P0013351	TCONS_I2_0002692	XLOC_I2_014024			0,727648997
A_21_P0011029	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000435840	0,72749841
A_24_P109082	NM_020935	USP37	ubiquitin specific peptidase 37	ENST00000258399	0,727451243
A_33_P3552465	ENST00000463067	ZNF852	zinc finger protein 852	ENST00000463067	0,727135237
A_21_P0013783	TCONS_I2_0003030	XLOC_I2_015585			0,72680627
A_21_P0001786	ENST00000413792	XLOC_002049		ENST00000413792	0,726678821
A_21_P0014070	ENST00000444037	LOC100506855		ENST00000444037	0,726241805
A_33_P3703637	AK095655	LOC285300	uncharacterized LOC285300		0,724814025
A_33_P3374987	NM_198571	C7orf52	chromosome 7 open reading frame 52	ENST00000300303	0,724683791
A_33_P3343010	ENST00000406925	C15orf63	chromosome 15 open reading frame 63	ENST00000406925	0,724649449
A_19_P00315826	EF413001	XLOC_001148			0,724312944
A_33_P3245484	AK124361	LOC100131000	uncharacterized LOC100131000		0,724050744
A_33_P3335895	NM_001242376	GFAP	glial fibrillary acidic protein	ENST00000435360	0,723146028
A_21_P0013069	NR_003504	GUSBP2	glucuronidase, beta pseudogene 2	ENST00000466668	0,722779542
A_23_P252855	NM_018321	BRX1	BRX1, biogenesis of ribosomes, homolog (S. cerevisiae)	ENST00000506023	0,72277357
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	0,722527424
A_33_P3316310	NM_182501	MTERFD2	MTERF domain containing 2	ENST00000475860	0,721575672

A_23_P10206	NM_005328	HAS2	hyaluronan synthase 2	ENST00000303924	0,721552317
A_21_P0000118	NM_001193283	LEKR1	leucine, glutamate and lysine rich 1	ENST00000491763	0,720652489
A_19_P00317016	THC2573057	XLOC_006037			0,720628065
A_21_P0000303	NR_002921	SNORA75	small nucleolar RNA, H/ACA box 75		0,720530779
A_23_P20480	NM_018310	BRF2	BRF2, subunit of RNA polymerase III transcription initiation	ENST00000220659	0,720419207
A_21_P0009677	TCONS_00026870	XLOC_012922			0,720309273
A_19_P00322847	NR_037178	LOC100294145	uncharacterized LOC100294145		0,720271015
A_21_P0004866	NR_026775	LINC00240	long intergenic non-protein coding RNA 240	ENST00000503488	0,720013507
A_24_P85942	NM_181453	GCC2	GRIP and coiled-coil domain containing 2	ENST00000309863	0,718554241
A_33_P3388636	AK097925	FLJ40606	uncharacterized LOC643549		0,718551934
A_23_P389897	NM_002507	NGFR	nerve growth factor receptor	ENST00000172229	0,718478227
A_23_P319565	NM_170753	PGBD3	piggyBac transposable element derived 3	ENST00000508005	0,71839499
A_21_P0009859	ENST00000450473	XLOC_013571		ENST00000450473	0,718235392
A_23_P341700	NM_001007101	ZNF484	zinc finger protein 484	ENST00000375495	0,717976659
A_23_P315964	NM_173568	UMODL1	uromodulin-like 1	ENST00000400427	0,717232736
A_33_P3416142	EF413001	LOC100131234	familial acute myelogenous leukemia related factor		0,717023326
A_21_P0002417	TCONS_00004194	XLOC_002041			0,716238486
A_21_P0001938	NR_038897	LOC285084	uncharacterized LOC285084		0,715507605
A_33_P3224795	NM_022466	IKZF5	IKAROS family zinc finger 5 (Pegasus)	ENST00000368886	0,715495819
A_23_P349463	NM_022097	CHP2	calcineurin B homologous protein 2	ENST00000300113	0,714798908
A_23_P26386	NM_016140	TPPP3	tubulin polymerization-promoting protein family member 3	ENST00000290942	0,714616127
A_21_P0006058	ENST00000439014	XLOC_007586		ENST00000439014	0,714230713
A_23_P160004	NM_182660	UTY	ubiquitously transcribed tetratricopeptide repeat gene, Y-lir	ENST00000545955	0,712129222
A_21_P0013328	TCONS_I2_0002666:	XLOC_I2_013873			0,711802367
A_33_P3229067	NM_003520	HIST1H2BN	histone cluster 1, H2bn	ENST00000396980	0,710943493
A_21_P0006005	ENST00000431981	XLOC_007339		ENST00000431981	0,710846265
A_23_P347610	NM_012206	HAVCR1	hepatitis A virus cellular receptor 1	ENST00000425854	0,710251987
A_33_P3342967	AK128204	LOC100129186	uncharacterized LOC100129186		0,709621501
A_33_P3249654	NR_038865	C19orf29-AS1	C19orf29 antisense RNA 1 (non-protein coding)	ENST00000447295	0,709569537

A_33_P3327010	NM_015112	MAST2	microtubule associated serine/threonine kinase 2	ENST00000372008	0,709245267
A_24_P80532	NM_004354	CCNG2	cyclin G2	ENST00000354403	0,709102974
A_33_P3284858	AK093299	LOC729867	uncharacterized LOC729867		0,708883623
A_33_P3233834	NM_001190981	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000542298	0,708166182
A_33_P3284108	NM_006178	NSF	N-ethylmaleimide-sensitive factor	ENST00000225282	0,708136562
A_21_P0011092	TCONS_I2_0000613:XLOC_I2_003295				0,707710897
A_21_P0010654	NM_001161334	HIST2H2BF	histone cluster 2, H2bf	ENST00000369167	0,707457781
A_23_P114626	NM_000488	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member	ENST00000351522	0,707013168
A_21_P0014784	XR_132566	LOC100289607	heat shock 10kDa protein 1 (chaperonin 10) pseudogene		0,706962091
A_23_P131348	NM_025264	THUMPD2	THUMP domain containing 2	ENST00000530095	0,706102783
A_21_P0011465	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinas	ENST00000447140	0,705998356
A_33_P3420020	NM_001130858	PPIP5K1	diphosphoinositol pentakisphosphate kinase 1	ENST00000335092	0,705818735
A_21_P0013091	TCONS_I2_0002491:XLOC_I2_013116				0,705181516
A_21_P0010235	TCONS_00029002	XLOC_013917			0,704756917
A_33_P3401459	NM_020971	SPTBN4	spectrin, beta, non-erythrocytic 4	ENST00000344104	0,704278953
A_33_P3259662	NM_003435	ZNF134	zinc finger protein 134	ENST00000396161	0,703827328
A_33_P3356035	ENST00000440812	SMG7	smg-7 homolog, nonsense mediated mRNA decay factor (C.	ENST00000440812	0,703276601
A_23_P412389	NM_003862	FGF18	fibroblast growth factor 18	ENST00000274625	0,70282452
A_21_P0007790	THC2671543	XLOC_010245			0,702474594
A_21_P0005578	TCONS_00014218	XLOC_006259			0,702317944
A_32_P226205	NM_033400	ZFHX2	zinc finger homeobox 2		0,702259672
A_21_P0013782	TCONS_I2_0003030:XLOC_I2_015585				0,702222794
A_33_P3344127	NM_003512	HIST1H2AC	histone cluster 1, H2ac	ENST00000377791	0,701986938
A_21_P0010636	TCONS_I2_0000139,XLOC_I2_001011				0,701876109
A_21_P0002967	ENST00000481004	XLOC_002688		ENST00000481004	0,701041784
A_33_P3210521	ENST00000381090	C2orf43	chromosome 2 open reading frame 43	ENST00000381090	0,700326786
A_21_P0011876	THC2707941	XLOC_I2_007783			0,700091998
A_21_P0013397	ENST00000425880	XLOC_I2_013529		ENST00000425880	0,699024287
A_23_P81859	NM_080596	HIST1H2AH	histone cluster 1, H2ah	ENST00000377459	0,698861799

A_33_P3387455	NM_001029880	SFMBT2	Scm-like with four mbt domains 2	ENST00000379711	0,698797449
A_21_P0010591	TCONS_I2_0000096	XLOC_I2_000727			0,69833409
A_21_P0010618	BX113442	XLOC_I2_000941			0,697925825
A_21_P0000898	NR_040073	LOC100131234	familial acute myelogenous leukemia related factor		0,697892726
A_23_P50735	NM_001029997	ZNF181	zinc finger protein 181	ENST00000492450	0,696342171
A_33_P3211633	NM_006784	WDR3	WD repeat domain 3	ENST00000369441	0,695827498
A_21_P0002647	THC2564285	XLOC_001974			0,695040013
A_21_P0006941	TCONS_00018396	XLOC_008678			0,694543901
A_19_P00810899	NR_027058	LINC00338	long intergenic non-protein coding RNA 338	ENST00000434411	0,694355324
A_33_P3375528	NM_152622	MIER3	mesoderm induction early response 1, family member 3	ENST00000451637	0,694291011
A_33_P3397658	ENST00000394243	SYNPO	synaptopodin	ENST00000394243	0,69417161
A_23_P213319	NM_197941	ADAMTS6	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000381052	0,693089811
A_33_P3216319	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,692456038
A_32_P64200	NM_002098	GUCA1B	guanylate cyclase activator 1B (retina)		0,691909793
A_33_P3407434	XM_003403686	LOC100653224	uncharacterized LOC100653224	ENST00000412403	0,691459541
A_21_P0010546	BX090733	XLOC_I2_000354			0,691374847
A_21_P0011317	TCONS_I2_0000860	XLOC_I2_004640			0,690662772
A_32_P177040	NM_001099435	SPDYE5	speedy homolog E5 (Xenopus laevis)	ENST00000426970	0,690380011
A_33_P3374035	AK094630	PDXK	pyridoxal (pyridoxine, vitamin B6) kinase		0,690168584
A_33_P3239654	AK056727	HCG4B	HLA complex group 4B (non-protein coding)		0,68971838
A_23_P368909	NR_027701	LINC00346	long intergenic non-protein coding RNA 346	ENST00000538077	0,689609302
A_24_P16950	NM_198893	ZNF160	zinc finger protein 160	ENST00000429604	0,689374598
A_21_P0000492	NR_004384	SNAR-F	small ILF3/NF90-associated RNA F		0,68909464
A_21_P0006112	ENST00000417135	XLOC_007884		ENST00000417135	0,687800549
A_23_P110957	NM_001452	FOXF2	forkhead box F2	ENST00000259806	0,687270277
A_23_P325661	NM_003435	ZNF134	zinc finger protein 134	ENST00000396161	0,686855903
A_23_P355439	NM_170745	HIST1H2AA	histone cluster 1, H2aa	ENST00000297012	0,686700967
A_21_P0005590	TCONS_00014242	XLOC_006319			0,686641321
A_23_P109785	NM_003889	NR1I2	nuclear receptor subfamily 1, group I, member 2	ENST00000493757	0,685826254

A_21_P0005492	THC2525265	XLOC_006416			0,685716577
A_23_P416751	NM_173530	ZNF610	zinc finger protein 610	ENST00000403906	0,684838519
A_33_P3374997	NR_027035	LOC144486	uncharacterized LOC144486		0,684056468
A_23_P323943	NM_178498	SLC5A12	solute carrier family 5 (sodium/glucose cotransporter), mem	ENST00000280467	0,683758202
A_21_P0006907	TCONS_00018328	XLOC_008608			0,683199947
A_23_P168864	NM_001029976	ZNF16	zinc finger protein 16	ENST00000394909	0,683168676
A_23_P167194	NM_001812	CENPC1	centromere protein C 1	ENST00000506882	0,683123888
A_23_P63870	NM_144660	SAMD8	sterile alpha motif domain containing 8	ENST00000372690	0,682718599
A_23_P128698	NM_005842	SPRY2	sprouty homolog 2 (Drosophila)	ENST00000541655	0,682646643
A_24_P132813	NM_001040103	OPALIN	oligodendrocytic myelin paranodal and inner loop protein	ENST00000419479	0,682447667
A_19_P00318726	NR_034007	LOC339894	uncharacterized LOC339894	ENST00000471357	0,682148788
A_23_P22647	NM_015686	FAM155B	family with sequence similarity 155, member B	ENST00000252338	0,681664622
A_21_P0006033	BC031969	XLOC_007466			0,681624989
A_33_P3226212	NM_021219	JAM2	junctional adhesion molecule 2	ENST00000312957	0,680836929
A_21_P0012506	ENST00000489690	XLOC_l2_009940		ENST00000489690	0,680756825
A_21_P0009657	AK131520	XLOC_013348			0,680512622
A_21_P0009088	TCONS_00024776	XLOC_012051			0,679716822
A_21_P0010302	BM671314	XLOC_014119			0,679557703
A_21_P0013850	NR_028407	ARMCX4	armadillo repeat containing, X-linked 4	ENST00000455331	0,679282642
A_21_P0005219	ENST00000442800	XLOC_006035		ENST00000442800	0,679150458
A_21_P0010875	THC2533495	XLOC_l2_001967			0,679105155
A_21_P0007695	TCONS_00020749	XLOC_010037			0,67868475
A_21_P0006168	TCONS_00016040	XLOC_007437			0,678404782
A_33_P3408711	NM_001456	FLNA	filamin A, alpha	ENST00000369852	0,678318056
A_33_P3323347	NM_152475	ZNF417	zinc finger protein 417	ENST00000312026	0,678226116
A_33_P3232532	NM_025191	EDEM3	ER degradation enhancer, mannosidase alpha-like 3	ENST00000367512	0,678072031
A_33_P3382856	NM_133507	DCN	decorin	ENST00000456569	0,677969884
A_21_P0000155	NM_001204453	PSMC2	proteasome (prosome, macropain) 26S subunit, ATPase, 2	ENST00000460021	0,677765046
A_23_P216038	NM_032205	PHF20L1	PHD finger protein 20-like 1	ENST00000315808	0,67758243

A_21_P0000247	NR_002443	SNORD18C	small nucleolar RNA, C/D box 18C		0,677395741
A_23_P166823	NM_003280	TNNC1	troponin C type 1 (slow)	ENST00000461086	0,677252697
A_33_P3249976	NM_021219	JAM2	junctional adhesion molecule 2	ENST00000400535	0,676580295
A_19_P00322983	THC2573057	XLOC_006037			0,676293368
A_21_P0000904	NR_040112	A2MP1	alpha-2-macroglobulin pseudogene 1	ENST00000543404	0,676282831
A_33_P3349774	NM_144703	LSM14B	LSM14B, SCD6 homolog B (<i>S. cerevisiae</i>)	ENST00000370906	0,67585006
A_33_P3220390	BC028180	WTAP	Wilms tumor 1 associated protein		0,675736497
A_23_P83149	NM_016014	FAM108B1	family with sequence similarity 108, member B1	ENST00000377041	0,675637885
A_24_P177568	NM_133473	ZNF431	zinc finger protein 431	ENST00000311048	0,675629902
A_24_P410721	NM_001144954	C5orf47	chromosome 5 open reading frame 47	ENST00000340147	0,675049734
A_33_P3345608	NM_001202438	C10orf137	chromosome 10 open reading frame 137	ENST00000392732	0,674884897
A_24_P86389	NM_003514	HIST1H2AM	histone cluster 1, H2am	ENST00000359611	0,674571272
A_21_P0005979	ENST00000521804	SLC45A4	solute carrier family 45, member 4	ENST00000521804	0,674534587
A_23_P111041	NM_003525	HIST1H2BI	histone cluster 1, H2bi	ENST00000377733	0,674486881
A_24_P272160	ENST00000296147	NBEAL2	neurobeachin-like 2	ENST00000296147	0,674359252
A_32_P220463	NR_024356	FBLL1	fibrillarin-like 1		0,674112075
A_21_P0010674	TCONS_I2_0000180	XLOC_I2_001332			0,674069541
A_33_P3272808	NM_017952	PTCD3	Pentatricopeptide repeat domain 3	ENST00000254630	0,673244192
A_24_P121846	NM_003433	ZNF132	zinc finger protein 132	ENST00000391695	0,673137441
A_21_P0006047	ENST00000456032	XLOC_007540		ENST00000456032	0,672944752
A_21_P0005524	TCONS_00013938	XLOC_006578			0,672859628
A_21_P0013415	ENST00000418442	XLOC_I2_013734		ENST00000418442	0,672595776
A_33_P3212769	BC020894	LOC100132686	uncharacterized LOC100132686		0,672514064
A_21_P0006532	TCONS_00017313	XLOC_008149			0,671746529
A_33_P3337144	NM_001033723	ZNF704	zinc finger protein 704	ENST00000327835	0,671701788
A_21_P0014261	XR_109038	LOC100507128	uncharacterized LOC100507128		0,670891323
A_21_P0011877	XR_112441	LOC100507800	uncharacterized LOC100507800		0,67029543
A_21_P0009009	XM_003118689	LOC400499	uncharacterized LOC400499		0,669883274
A_21_P0003759	TCONS_00008555	XLOC_004053			0,669855232

A_24_P382287	NM_004361	CDH7	cadherin 7, type 2	ENST00000397968	0,66967126
A_33_P3232624	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000446912	0,668570995
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,668281952
A_21_P0013793	NM_014675	CROCC	ciliary rootlet coiled-coil, rootletin	ENST00000467715	0,667858976
A_21_P0013779	ENST00000455331	XLOC_I2_015578		ENST00000455331	0,66746241
A_21_P0006590	ENST00000425031	XLOC_008276		ENST00000425031	0,666069627
A_23_P46725	NM_025209	EPC1	enhancer of polycomb homolog 1 (Drosophila)	ENST00000263062	0,666062095
A_24_P22981	NM_021047	ZNF253	zinc finger protein 253	ENST00000355650	0,665893902
A_33_P3353692	NM_002473	MYH9	myosin, heavy chain 9, non-muscle	ENST00000463027	0,665848263
A_21_P0004793	ENST00000436953	XLOC_005883		ENST00000436953	0,665536117
A_21_P0000337	NR_002983	SNORA55	small nucleolar RNA, H/ACA box 55		0,665236769
A_21_P0001416	TCONS_00001266	XLOC_000555			0,664948996
A_23_P18913	NM_206880	OR2V2	olfactory receptor, family 2, subfamily V, member 2	ENST00000328275	0,664750695
A_23_P211079	NM_005806	OLIG2	oligodendrocyte lineage transcription factor 2	ENST00000333337	0,664548886
A_33_P3259878	ENST00000545894	DDB1	damage-specific DNA binding protein 1, 127kDa	ENST00000545894	0,664417407
A_23_P6818	NM_020163	SEMA3G	sema domain, immunoglobulin domain (Ig), short basic don	ENST00000231721	0,664365282
A_21_P0000511	NR_024342	SNAR-H	small ILF3/NF90-associated RNA H		0,663925649
A_21_P0006767	ENST00000451946	XLOC_008838		ENST00000451946	0,663632536
A_24_P23445	NR_029422	RNU12	RNA, U12 small nuclear		0,662866686
A_33_P3405888	AF130105	LOC100133130	PRO1102		0,662778195
A_33_P3235147	NM_005221	DLX5	distal-less homeobox 5	ENST00000222598	0,662612242
A_21_P0014018	XM_003403487	LOC100652736	uncharacterized protein LOC100652736		0,661148999
A_21_P0011875	XR_108436	LOC440934	uncharacterized LOC440934		0,661085246
A_33_P3335984	BC132927	FLJ39653	uncharacterized FLJ39653		0,661010876
A_33_P3416127	AK093799	LOC100132800	uncharacterized LOC100132800		0,66049062
A_23_P89302	NM_000727	CACNG1	calcium channel, voltage-dependent, gamma subunit 1	ENST00000226021	0,660251487
A_21_P0004672	ENST00000424162	XLOC_005413		ENST00000424162	0,659980659
A_32_P34003	ENST00000333129	FIGN	fidgetin	ENST00000333129	0,659791125
A_21_P0000254	NR_002560	SNORD31	small nucleolar RNA, C/D box 31		0,659732164

A_21_P0005255	ENST00000446053	XLOC_006220		ENST00000446053	0,659482131
A_21_P0004259	ENST00000520762	XLOC_004412		ENST00000520762	0,659478745
A_23_P152995	NM_001045	SLC6A4	solute carrier family 6 (neurotransmitter transporter, serot	ENST00000261707	0,658932082
A_24_P208737	NR_004431	GHRLOS	ghrelin opposite strand/antisense RNA (non-protein coding)	ENST00000439539	0,658659867
A_33_P3421520	NM_022466	IKZF5	IKAROS family zinc finger 5 (Pegasus)	ENST00000368886	0,658348002
A_21_P0008876	BC040927	XLOC_011801			0,657921872
A_23_P423074	NM_015566	FAM169A	family with sequence similarity 169, member A	ENST00000510609	0,657595136
A_23_P16022	NM_005773	ZNF256	zinc finger protein 256	ENST00000282308	0,657281814
A_21_P0012875	CR745775	XLOC_I2_011885			0,656968523
A_23_P10995	NM_014483	RBMS3	RNA binding motif, single stranded interacting protein 3	ENST00000497319	0,656840684
A_23_P411922	NM_001031698	PRPF40B	PRP40 pre-mRNA processing factor 40 homolog B (S. cerevi	ENST00000261897	0,656568621
A_33_P3221443	NM_203282	ZNF254	zinc finger protein 254	ENST00000357002	0,656212821
A_33_P3398074	AF132201	LOC100133319	PRO1804		0,655962254
A_23_P28012	NM_033196	ZNF682	zinc finger protein 682	ENST00000358523	0,655695647
A_21_P0000507	NR_024230	SNAR-B2	small ILF3/NF90-associated RNA B2		0,655577186
A_23_P207345	NM_002390	ADAM11	ADAM metallopeptidase domain 11	ENST00000200557	0,655256421
A_19_P00319226	NR_026867	ZNF300P1		ENST00000520773	0,654666806
A_33_P3287338	NM_001190981	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000542298	0,654437841
A_21_P0007685	TCONS_00020709	XLOC_010007			0,654300116
A_21_P0010722	ENST00000455004	XLOC_I2_000401		ENST00000455004	0,654135124
A_21_P0008298	ENST00000556699	NGDN	neuroguidin, EIF4E binding protein	ENST00000556699	0,653659681
A_24_P348203	NM_025061	LRR8E	leucine rich repeat containing 8 family, member E	ENST00000306708	0,653492833
A_24_P337058	NM_020307	CCNL1	cyclin L1	ENST00000468977	0,653262974
A_23_P122068	NM_181435	C1QTNF3	C1q and tumor necrosis factor related protein 3	ENST00000513471	0,653257765
A_21_P0000491	NR_004383	SNAR-G1	small ILF3/NF90-associated RNA G1		0,653113811
A_23_P323243	NM_173516	PNLDC1	poly(A)-specific ribonuclease (PARN)-like domain containing	ENST00000275275	0,65291329
A_23_P342398	NR_034140	C12orf33	chromosome 12 open reading frame 33		0,652607518
A_19_P00320090	NR_027058	LINC00338	long intergenic non-protein coding RNA 338	ENST00000434411	0,652206424
A_21_P0006557	ENST00000449605	XLOC_007942		ENST00000449605	0,651690426

A_23_P87791	NM_001093	ACACB	acetyl-CoA carboxylase beta	ENST00000543201	0,651131664
A_21_P0013153	ENST00000419061	XLOC_I2_013116		ENST00000419061	0,6509712
A_33_P3289745	XR_111182	LOC399900	uncharacterized LOC399900		0,650580803
A_21_P0002422	ENST00000413792	XLOC_002049		ENST00000413792	0,650566217
A_23_P87491	NM_001638	APOF	apolipoprotein F	ENST00000541105	0,650454438
A_33_P3556532	ENST00000464366	DNAH17	dynein, axonemal, heavy chain 17	ENST00000464366	0,650274063
A_23_P61637	NM_002108	HAL	histidine ammonia-lyase	ENST00000546999	0,649799796
A_23_P311713	NM_173572	C10orf93	chromosome 10 open reading frame 93	ENST00000368585	0,649755234
A_33_P3587376	NR_024214	SNAR-A3	small ILF3/NF90-associated RNA A3		0,649508212
A_23_P350451	NM_001198	PRDM1	PR domain containing 1, with ZNF domain	ENST00000456278	0,649293443
A_21_P0003723	THC2715353	XLOC_003884			0,64922585
A_33_P3256778	NM_000614	CNTF	ciliary neurotrophic factor		0,649013043
A_21_P0014071	XR_108345	LOC100132909	uncharacterized LOC100132909		0,648890705
A_21_P0012549	ENST00000507238	XLOC_I2_010348		ENST00000507238	0,648765126
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,648544618
A_33_P3271121	ENST00000484097	SH3BP4	SH3-domain binding protein 4	ENST00000484097	0,648249236
A_23_P417261	NM_144715	EFHB	EF-hand domain family, member B	ENST00000295824	0,648161922
A_33_P3330546	NM_152557	ZNF746	zinc finger protein 746	ENST00000486492	0,648066257
A_21_P0010643	TCONS_I2_0000146	XLOC_I2_001064			0,647793669
A_21_P0010642	ENST00000430316	XLOC_I2_001064		ENST00000430316	0,64779084
A_21_P0001387	ENST00000456125	XLOC_000471		ENST00000456125	0,647539708
A_33_P3369419	NM_032292	GON4L	gon-4-like (C. elegans)	ENST00000368327	0,647483941
A_33_P3276455	NM_006618	KDM5B	lysine (K)-specific demethylase 5B	ENST00000543924	0,64735474
A_24_P29401	NM_181523	PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (alpha)	ENST00000396611	0,646947923
A_24_P287766	NM_033226	ABCC12	ATP-binding cassette, sub-family C (CFTR/MRP), member 12	ENST00000416054	0,646744938
A_21_P0003691	TCONS_00008360	XLOC_003810			0,646705395
A_24_P292929	NM_172207	CAMKK1	calcium/calmodulin-dependent protein kinase kinase 1, alpha	ENST00000158166	0,646696761
A_23_P66260	NM_003414	ZNF267	zinc finger protein 267	ENST00000300870	0,646328591
A_21_P0010099	TCONS_00028586	XLOC_013605			0,646300011

A_21_P0000508	NR_024243	SNAR-D	small ILF3/NF90-associated RNA D		0,64622028
A_33_P3240727	NM_001080470	ZNF697	zinc finger protein 697	ENST00000421812	0,646157922
A_21_P0014788	XR_132572	LOC100652971	uncharacterized LOC100652971		0,646091413
A_23_P74737	NM_001990	EYA3	eyes absent homolog 3 (Drosophila)	ENST00000495923	0,645400792
A_23_P32454	NM_003235	TG	thyroglobulin	ENST00000220616	0,645322832
A_21_P0001322	TCONS_00000997	XLOC_000263			0,645043225
A_21_P0006232	ENST00000439014	XLOC_007586		ENST00000439014	0,644562362
A_23_P83347	NM_145051	RNF183	ring finger protein 183	ENST00000478815	0,6439844
A_33_P3272962	NM_001037732	DEFB128	defensin, beta 128	ENST00000334391	0,643943568
A_23_P142407	NM_033204	ZNF101	zinc finger protein 101	ENST00000444249	0,643462395
A_21_P0007960	AF339799	XLOC_010477		ENST00000434547	0,643353541
A_23_P369994	NM_004734	DCLK1	doublecortin-like kinase 1	ENST00000255448	0,642797837
A_21_P0006436	ENST00000424539	XLOC_008084		ENST00000424539	0,642620783
A_21_P0006573	NR_038461	LOC100128420	uncharacterized LOC100128420	ENST00000454385	0,642356241
A_21_P0011998	TCONS_I2_0001523	XLOC_I2_007186			0,642044416
A_24_P3783	NM_003521	HIST1H2BM	histone cluster 1, H2bm	ENST00000359465	0,642026085
A_21_P0011299	THC2554687	XLOC_I2_004595			0,641897023
A_23_P216915	NM_004959	NR5A1	nuclear receptor subfamily 5, group A, member 1	ENST00000373588	0,641698901
A_21_P0000669	NM_024580	EFTUD1	elongation factor Tu GTP binding domain containing 1	ENST00000268206	0,641014038
A_21_P0007253	TCONS_00019427	XLOC_009243			0,640906034
A_21_P0005011	TCONS_00012106	XLOC_005635			0,640050425
A_23_P335039	NM_133474	ZNF721	zinc finger protein 721	ENST00000338977	0,639850866
A_21_P0000509	NR_024244	SNAR-G2	small ILF3/NF90-associated RNA G2		0,63933518
A_33_P3300858	NM_001005201	OR8H3	olfactory receptor, family 8, subfamily H, member 3	ENST00000313472	0,639321728
A_24_P251661	NM_171828	KCNMB3	potassium large conductance calcium-activated channel, su	ENST00000485523	0,638623078
A_32_P19716	NM_001080470	ZNF697	zinc finger protein 697	ENST00000421812	0,637940694
A_33_P3261957	NM_005795	CALCRL	calcitonin receptor-like	ENST00000410102	0,637644028
A_24_P120109	NM_198963	DHX57	DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57	ENST00000355320	0,637602077
A_21_P0004620	AF086258	XLOC_005936			0,637476286

A_21_P0003192	TCONS_00006712	XLOC_003338				0,637440626
A_21_P0000383	NR_003065	SNORD84	small nucleolar RNA, C/D box 84		ENST00000467175	0,637042303
A_21_P0005349	ENST00000421380	XLOC_005965			ENST00000421380	0,636293668
A_24_P298495	AF289590	LOC100130744	uncharacterized LOC100130744			0,636283649
A_23_P90542	NM_152606	ZNF540	zinc finger protein 540		ENST00000316433	0,636242915
A_21_P0009587	THC2519365	XLOC_012893				0,635982443
A_33_P3283420	NM_203390	RBM12B	RNA binding motif protein 12B		ENST00000517700	0,63597118
A_21_P0010959	TCONS_I2_00004333	XLOC_I2_002194				0,635501917
A_33_P3390580	NM_014695	CCDC144A	coiled-coil domain containing 144A		ENST00000436374	0,635467221
A_21_P0008139	TCONS_00021964	XLOC_010561				0,634626217
A_24_P75917	NM_014695	CCDC144A	coiled-coil domain containing 144A		ENST00000420937	0,634625669
A_33_P3474538	NM_007138	ZNF90	zinc finger protein 90			0,633776329
A_21_P0009720	ENST00000446262	XLOC_013056			ENST00000446262	0,633666851
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32			0,633594713
A_32_P64475	NM_152608	C1orf55	chromosome 1 open reading frame 55		ENST00000366817	0,633485911
A_23_P153930	NM_001616	ACVR2A	activin A receptor, type IIA		ENST00000495775	0,632825909
A_21_P0010650	ENST00000422716	XLOC_I2_001089			ENST00000422716	0,632794721
A_33_P3228510	NM_177996	EPB41L1	erythrocyte membrane protein band 4.1-like 1		ENST00000373945	0,632748561
A_21_P0010749	NR_033908	LOC100288069	general transcription factor Ili pseudogene		ENST00000491962	0,632608647
A_33_P3229122	NM_003522	HIST1H2BF	histone cluster 1, H2bf		ENST00000359985	0,632570036
A_23_P147439	NM_148416	ATXN2L	ataxin 2-like		ENST00000359153	0,63251448
A_23_P145584	NM_003344	UBE2H	ubiquitin-conjugating enzyme E2H		ENST00000355621	0,632492633
A_23_P250385	NM_005322	HIST1H1B	histone cluster 1, H1b		ENST00000331442	0,632066326
A_21_P0011288	NM_012102	RERE	arginine-glutamic acid dipeptide (RE) repeats		ENST00000480342	0,631609803
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5		ENST00000359134	0,631605283
A_21_P0000563	NR_028374	SNORA80B	small nucleolar RNA, H/ACA box 80B			0,631592439
A_33_P3246293	NM_001145207	HBS1L	HBS1-like (<i>S. cerevisiae</i>)		ENST00000367822	0,631229259
A_21_P0000577	NR_029378	LOC100289511	uncharacterized LOC100289511			0,631162882
A_21_P0002473	TCONS_00004332	XLOC_002206				0,631125813

A_24_P475864	NR_003369	RRN3P2	RNA polymerase I transcription factor homolog (<i>S. cerevisiae</i>) pseudogene 2		0,63106976
A_21_P0002408	TCONS_00004157	XLOC_002003			0,630335383
A_21_P0008517	XR_110221	LOC100506476	uncharacterized LOC100506476		0,630218464
A_33_P3325384	NR_038921	LOC100130992	uncharacterized LOC100130992		0,630095006
A_23_P114626	NM_000488	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member	ENST00000351522	0,630057106
A_33_P3275943	NM_052927	PWWP2A	PWWP domain containing 2A	ENST00000521424	0,62987044
A_21_P0013285	ENST00000435968	XLOC_I2_013734		ENST00000435968	0,629848766
A_23_P123228	NM_000111	SLC26A3	solute carrier family 26, member 3	ENST00000340010	0,62966413
A_23_P78018	NM_018672	ABCA5	ATP-binding cassette, sub-family A (ABC1), member 5	ENST00000392676	0,629569607
A_33_P3264855	NM_001145129	ZNF192P1	zinc finger protein 192 pseudogene 1		0,629527892
A_21_P0014050	XM_003403857	LOC100653292	putative HERC2-like protein 3-like		0,629341951
A_21_P0010946	BX091290	XLOC_I2_001960			0,629242721
A_23_P301138	NM_001005910	IP6K2	inositol hexakisphosphate kinase 2	ENST00000416707	0,629152091
A_23_P155765	NM_002129	HMGB2	high mobility group box 2	ENST00000511316	0,628978528
A_21_P0014583	XR_110380	LOC100507033	uncharacterized LOC100507033	ENST00000455557	0,628926427
A_24_P348265	NM_133271	FCAR	Fc fragment of IgA, receptor for	ENST00000471750	0,628907448
A_32_P2392	NM_181077	GOLGA8A	golgin A8 family, member A	ENST00000509311	0,628706327
A_21_P0009820	ENST00000422519	XLOC_013737		ENST00000422519	0,62746173
A_24_P262127	NM_004165	RRAD	Ras-related associated with diabetes	ENST00000299759	0,627226466
A_21_P0000040	NM_001164313	ZBTB24	zinc finger and BTB domain containing 24		0,627143393
A_24_P306824	NM_001100916	MBOAT4	membrane bound O-acyltransferase domain containing 4	ENST00000320542	0,626890307
A_23_P377411	AF130105	LOC100133130	PRO1102		0,626818489
A_33_P3265714	NM_173649	C2orf61	chromosome 2 open reading frame 61		0,626813581
A_33_P3363120	NR_004387	SCARNA10	small Cajal body-specific RNA 10		0,626714345
A_33_P3404671	NR_024567	LOC100130557	uncharacterized LOC100130557		0,626438493
A_21_P0002514	BI765130	XLOC_002360			0,62641834
A_33_P3294031	NR_002728	KCNQ1OT1	KCNQ1 opposite strand/antisense transcript 1 (non-protein coding)		0,626391743
A_23_P401014	NM_005744	ARIH1	ariadne homolog, ubiquitin-conjugating enzyme E2 binding	ENST00000299305	0,626002282
A_23_P364107	NM_018353	MIS18BP1	MIS18 binding protein 1	ENST00000470424	0,625791296

A_21_P0006182	TCONS_00016075	XLOC_007464				0,625674473
A_23_P65208	NM_001039650	ZMYM5	zinc finger, MYM-type 5	ENST00000467542		0,625525045
A_24_P303420	NR_026938	LOC221442	adenylate cyclase 10 (soluble) pseudogene			0,625523947
A_33_P3227896	NR_027145	LIMS3-LOC440895	LIMS3-LOC440895 readthrough	ENST00000303002		0,625068104
A_21_P0014591	XR_110418	LOC100507280	uncharacterized LOC100507280			0,624586167
A_33_P3367899	NM_005479	FRAT1	frequently rearranged in advanced T-cell lymphomas	ENST00000371021		0,624352246
A_23_P303803	NM_152474	C19orf18	chromosome 19 open reading frame 18	ENST00000314391		0,624349914
A_21_P0014708	ENST00000505245	ATP6V1E2	ATPase, H+ transporting, lysosomal 31kDa, V1 subunit E2	ENST00000505245		0,624282043
A_21_P0008819	TCONS_00023895	XLOC_011197				0,624206824
A_21_P0007078	TCONS_00018817	XLOC_008614				0,623773749
A_21_P0002183	TCONS_00003598	XLOC_001386				0,623656966
A_21_P0012690	THC2705642	XLOC_I2_011302				0,623547867
A_23_P106371	NM_001038640	GOLGA6A	golgin A6 family, member A	ENST00000290438		0,62337442
A_33_P3381870	NM_001978	EPB49	erythrocyte membrane protein band 4.9 (dematin)	ENST00000358242		0,623157136
A_33_P3732854	AY358215	OR9H1P	olfactory receptor, family 9, subfamily H, member 1 pseudogene			0,622701865
A_21_P0011322	NM_020759	STARD9	StAR-related lipid transfer (START) domain containing 9	ENST00000290607		0,622559789
A_23_P102331	NM_002976	SCN7A	sodium channel, voltage-gated, type VII, alpha	ENST00000409855		0,622440226
A_21_P0008583	TCONS_00023298	XLOC_011167				0,622087371
A_19_P00320184	NR_038988	LOC100287765				0,621908665
A_21_P0008925	TCONS_00024377	XLOC_011701				0,621856741
A_24_P217834	NM_003530	HIST1H3D	histone cluster 1, H3d	ENST00000377831		0,621125871
A_21_P0005491	THC2719594	XLOC_006415				0,621012474
A_21_P0008053	TCONS_00021760	XLOC_010354				0,620714074
A_21_P0010794	ENST00000411733	XLOC_I2_001399		ENST00000411733		0,620617889
A_23_P153855	NM_020855	ZNF492	zinc finger protein 492	ENST00000456783		0,620320423
A_21_P0001125	TCONS_00000513	XLOC_000816				0,620184515
A_33_P3549874	BC031230	LOC255177	uncharacterized LOC255177			0,619694108
A_21_P0006299	TCONS_00016434	XLOC_007800				0,619669265
A_23_P418083	NM_181714	LCA5	Leber congenital amaurosis 5	ENST00000392959		0,619371458

A_23_P393034	NM_005329	HAS3	hyaluronan synthase 3	ENST00000306560	0,619304609
A_23_P162288	NM_005379	MYO1A	myosin IA	ENST00000544473	0,619247006
A_21_P0014636	ENST00000412918	ITPKB-IT1		ENST00000412918	0,619221632
A_21_P0014066	XR_108328	LOC100506636	uncharacterized LOC100506636		0,61895507
A_32_P113566	NM_152733	BTBD9	BTB (POZ) domain containing 9	ENST00000403056	0,618735647
A_21_P0011558	ENST00000434427	XLOC_I2_005916		ENST00000434427	0,618519322
A_21_P0007226	TCONS_00019360	XLOC_009185			0,61806707
A_24_P555473	NM_178450	Mar-03	membrane-associated ring finger (C3HC4) 3	ENST00000308660	0,61797501
A_23_P99996	NM_019066	MAGEL2	MAGE-like 2	ENST00000532292	0,61791177
A_21_P0011920	TCONS_I2_0001459	XLOC_I2_008031			0,617817353
A_33_P3388067	NM_001159524	ZNF735	zinc finger protein 735		0,617272825
A_23_P337270	ENST00000383770	NEK10	NIMA (never in mitosis gene a)- related kinase 10	ENST00000383770	0,617148279
A_33_P3284077	NM_018230	NUP133	nucleoporin 133kDa	ENST00000366678	0,616985748
A_24_P243749	NM_002612	PDK4	pyruvate dehydrogenase kinase, isozyme 4	ENST00000542888	0,616532319
A_21_P0009784	THC2615013	XLOC_013037			0,615706876
A_33_P3321781	XR_109412	FLJ44342	uncharacterized LOC645460		0,61521186
A_21_P0012183	NR_040113	ANKRD20A5P	ankyrin repeat domain 20 family, member A5, pseudogene	ENST00000432875	0,615158073
A_24_P321634	NM_001039650	ZMYM5	zinc finger, MYM-type 5	ENST00000467542	0,615019142
A_23_P102172	NM_173077	CPO	carboxypeptidase O	ENST00000272852	0,614813563
A_21_P0013394	ENST00000438538	XLOC_I2_013513		ENST00000438538	0,614620694
A_24_P64918	NM_014950	ZBTB1	zinc finger and BTB domain containing 1	ENST00000554015	0,614610395
A_21_P0004689	ENST00000434255	XLOC_005471		ENST00000434255	0,6144607
A_33_P3375636	NM_001129891	FAM196B	family with sequence similarity 196, member B	ENST00000377365	0,614152749
A_23_P83931	NM_001047160	NET1	neuroepithelial cell transforming 1	ENST00000380337	0,614010458
A_23_P118854	NM_003770	KRT37	keratin 37		0,61398437
A_33_P3301316	NM_174890	ZFAND4	zinc finger, AN1-type domain 4	ENST00000497028	0,613263594
A_33_P3244168	ENST00000426595	MRPS17	mitochondrial ribosomal protein S17	ENST00000426595	0,612922338
A_33_P3212269	ENST00000534743	MAP2K3	mitogen-activated protein kinase kinase 3	ENST00000534743	0,612645897
A_32_P140706	NM_000535	PMS2	PMS2 postmeiotic segregation increased 2 (S. cerevisiae)	ENST00000338780	0,612377274

A_21_P0013393	ENST00000415536	XLOC_I2_013513		ENST00000415536	0,612228088
A_33_P3337959	AK128227	LOC100130236	uncharacterized LOC100130236		0,612198109
A_21_P0009155	XR_109412	FLJ44342	uncharacterized LOC645460		0,612035591
A_21_P0012894	ENST00000515123	XLOC_I2_011959		ENST00000515123	0,611912057
A_33_P3380597	NM_173566	PRR14L	proline rich 14-like	ENST00000431684	0,611208805
A_21_P0013772	ENST00000453317	XLOC_I2_015561		ENST00000453317	0,611108484
A_23_P130444	NM_018260	ZNF701	zinc finger protein 701	ENST00000301093	0,611096581
A_21_P0010297	DB312214	XLOC_014111			0,610782189
A_24_P935782	NM_001008727	ZNF121	zinc finger protein 121	ENST00000538300	0,610693559
A_33_P3353030	NM_003353	UCN	urocortin	ENST00000296099	0,61065902
A_21_P0000375	NR_003047	SNORD19	small nucleolar RNA, C/D box 19		0,60951483
A_21_P0008997	TCONS_00024512	XLOC_011828			0,607854394
A_33_P3271261	NM_006181	NTN3	netrin 3	ENST00000293973	0,607261791
A_32_P109036	NM_001076678	ZNF493	zinc finger protein 493	ENST00000355504	0,607214804
A_21_P0011003	TCONS_I2_00004869	XLOC_I2_002537			0,607117014
A_21_P0001086	ENST00000458555	XLOC_000671		ENST00000458555	0,606825519
A_23_P140475	NM_024505	NOX5	NADPH oxidase, EF-hand calcium binding domain 5	ENST00000260364	0,606731997
A_24_P350589	NM_020724	RNF150	ring finger protein 150	ENST00000306799	0,606184893
A_19_P00322291	NR_036444	LOC400550	uncharacterized LOC400550		0,605712723
A_33_P3725324	NM_004654	USP9Y	ubiquitin specific peptidase 9, Y-linked	ENST00000338981	0,605552156
A_23_P50418	NM_153358	ZNF791	zinc finger protein 791	ENST00000540038	0,605292465
A_23_P13033	NM_002896	RBM4	RNA binding motif protein 4	ENST00000408993	0,604522675
A_21_P0006393	TCONS_00016868	XLOC_007850			0,603795964
A_32_P198990	AK126439	LOC100131929	uncharacterized LOC100131929		0,60333507
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	0,603137324
A_23_P6596	NM_005524	HES1	hairy and enhancer of split 1, (Drosophila)	ENST00000476918	0,603059706
A_33_P3243345	NM_001080528	LOC646498	uncharacterized LOC646498	ENST00000545770	0,602865818
A_33_P3214925	ENST00000477990	MIB2	mindbomb homolog 2 (Drosophila)	ENST00000477990	0,602579592
A_33_P3344277	BC057389	HS1BP3	HCLS1 binding protein 3	ENST00000402541	0,602234436

A_21_P0004180	ENST00000507509	XLOC_004992		ENST00000507509	0,602160637
A_24_P409126	ENST00000378383	FNDC3A	fibronectin type III domain containing 3A	ENST00000378383	0,602071335
A_24_P182494	NM_007207	DUSP10	dual specificity phosphatase 10	ENST00000494642	0,601906394
A_21_P0009153	BC084573	XLOC_012452			0,601819648
A_21_P0002920	ENST00000418353	XLOC_003383		ENST00000418353	0,601806975
A_33_P3243113	NR_024121	LINC00235	long intergenic non-protein coding RNA 235		0,601774222
A_33_P3212909	NM_033400	ZFH2	zinc finger homeobox 2	ENST00000382785	0,601771511
A_33_P3399943	NM_021135	RPS6KA2	ribosomal protein S6 kinase, 90kDa, polypeptide 2	ENST00000366863	0,601492323
A_21_P0011686	ENST00000327867	ZNF730	zinc finger protein 730	ENST00000327867	0,601478711
A_24_P72178	NR_028093	LPAL2	lipoprotein, Lp(a)-like 2, pseudogene	ENST00000435757	0,601327506
A_23_P8142	NM_001832	CLPS	colipase, pancreatic	ENST00000541088	0,601233965
A_33_P3389973	ENST00000373009	USP49	ubiquitin specific peptidase 49	ENST00000373009	0,60091553
A_21_P0011500	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000417964	0,600674015
A_21_P0003557	THC2722672	XLOC_003417			0,600297708
A_23_P427217	NM_032776	JMJD1C	jumonji domain containing 1C	ENST00000542921	0,600238276
A_23_P28186	NM_000348	SRD5A2	steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-deh		0,599889696
A_33_P3280687	NM_052925	LENG8	leukocyte receptor cluster (LRC) member 8	ENST00000376514	0,599887665
A_33_P3290945	NM_017952	PTCD3	Pentatricopeptide repeat domain 3	ENST00000465560	0,599710308
A_24_P68019	NM_138347	ZNF551	zinc finger protein 551	ENST00000282296	0,599681838
A_33_P3406998	NM_130438	DYRK1A	dual-specificity tyrosine-(Y)-phosphorylation regulated kina:	ENST00000462274	0,599303224
A_23_P253921	NM_018651	ZNF167	zinc finger protein 167	ENST00000273320	0,599156733
A_21_P0013334	NM_001145268	FAM185A	family with sequence similarity 185, member A	ENST00000496790	0,598941418
A_24_P126406	NM_173628	DNAH17	dynein, axonemal, heavy chain 17	ENST00000389840	0,598851502
A_21_P0011981	ENST00000427108	XLOC_I2_008381		ENST00000427108	0,598675323
A_21_P0012916	THC2691285	XLOC_I2_012135			0,598531494
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	0,598424718
A_32_P176550	NM_152405	JMY	junction mediating and regulatory protein, p53 cofactor	ENST00000282259	0,598299969
A_21_P0009929	TCONS_00028096	XLOC_013447			0,598089979
A_23_P78458	NM_021632	ZNF350	zinc finger protein 350	ENST00000243644	0,597855927

A_33_P3353027	ENST00000461824	CHN2	chimerin (chimaerin) 2	ENST00000461824	0,597790886
A_33_P3278774	ENST00000483826	ZNF44	zinc finger protein 44	ENST00000483826	0,597784088
A_23_P216812	NM_004936	CDKN2B	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	ENST00000380142	0,597651551
A_33_P3359027	NM_001144872	CCDC42B	coiled-coil domain containing 42B	ENST00000551256	0,597496497
A_21_P0013368	ENST00000419463	XLOC_I2_013295		ENST00000419463	0,597419297
A_23_P56746	NM_004460	FAP	fibroblast activation protein, alpha	ENST00000188790	0,596851041
A_33_P3346498	NM_130831	OPA1	optic atrophy 1 (autosomal dominant)	ENST00000392437	0,596848524
A_33_P3301752	XR_108277	FLJ21369	uncharacterized protein FLJ21369		0,596032067
A_33_P3233050	AK124895	SAMM50	sorting and assembly machinery component 50 homolog (S. cerevisiae)		0,595982708
A_21_P0002651	TCONS_00005105	XLOC_002010			0,595788832
A_21_P0000380	NR_003057	SNORD69	small nucleolar RNA, C/D box 69		0,594917802
A_33_P3484806	AK025061	FLJ21408	uncharacterized LOC400512		0,594815066
A_24_P7629	NR_003111	RPL32P3	ribosomal protein L32 pseudogene 3	ENST00000510078	0,594748804
A_21_P0002315	TCONS_00003936	XLOC_001749			0,594582893
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,594331312
A_21_P0007057	NR_024497	LOC399744	uncharacterized LOC399744	ENST00000423687	0,59419731
A_33_P3383351	ENST00000464187	COL5A1	collagen, type V, alpha 1	ENST00000464187	0,594180517
A_23_P215484	NM_006072	CCL26	chemokine (C-C motif) ligand 26	ENST00000394905	0,594039299
A_33_P3641427	NM_016132	MYEF2	myelin expression factor 2	ENST00000324324	0,593873676
A_23_P1173	NM_004132	HABP2	hyaluronan binding protein 2	ENST00000351270	0,593867163
A_19_P00318272	NR_038988	LOC100287765			0,593855982
A_33_P3256532	NM_032120	C7orf64	chromosome 7 open reading frame 64	ENST00000450580	0,593768559
A_33_P3400171	NM_001626	AKT2	v-akt murine thymoma viral oncogene homolog 2	ENST00000392037	0,593539214
A_21_P0012877	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000491962	0,593376544
A_23_P32707	NM_012291	ESPL1	extra spindle pole bodies homolog 1 (S. cerevisiae)	ENST00000552462	0,593119214
A_21_P0009018	TCONS_00024600	XLOC_011893			0,59304235
A_21_P0014604	XR_110494	LOC100506528	uncharacterized LOC100506528		0,592661268
A_33_P3252630	NM_203282	ZNF254	zinc finger protein 254	ENST00000392281	0,592653724
A_23_P148600	NR_024616	INE1	inactivation escape 1 (non-protein coding)	ENST00000456273	0,59249066

A_33_P3364190	NM_001004491	OR2AK2	olfactory receptor, family 2, subfamily AK, member 2	ENST00000366480	0,592428638
A_33_P3315764	NM_000546	TP53	tumor protein p53	ENST00000359597	0,592378685
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	0,592026542
A_21_P0013298	NR_024271	SEPT7P2	septin 7 pseudogene 2	ENST00000338231	0,591963815
A_23_P41541	NM_138364	PRMT10	protein arginine methyltransferase 10 (putative)	ENST00000511687	0,59189803
A_21_P0010761	BC035370	XLOC_I2_000941			0,591795347
A_23_P112220	NM_002195	INSL4	insulin-like 4 (placenta)	ENST00000239316	0,591716622
A_21_P0009970	DA133334	XLOC_013555			0,591684894
A_33_P3354429	NM_001039111	TRIM71	tripartite motif containing 71	ENST00000383763	0,591358803
A_23_P116173	NM_001136105	C11orf93	chromosome 11 open reading frame 93	ENST00000398035	0,591302261
A_21_P0014779	ENST00000494753	PLIN2	perilipin 2	ENST00000494753	0,591214973
A_23_P112874	NM_004466	GPC5	glypican 5	ENST00000377067	0,591066486
A_33_P3409124	NM_005126	NR1D2	nuclear receptor subfamily 1, group D, member 2	ENST00000383773	0,590560893
A_23_P417891	NM_145735	ARHGEF7	Rho guanine nucleotide exchange factor (GEF) 7	ENST00000375741	0,590324909
A_23_P415470	NM_032100	PCDHGB6	protocadherin gamma subfamily B, 6	ENST00000520790	0,58995971
A_21_P0014627	XR_110765	LOC100510007	uncharacterized LOC100510007		0,589867775
A_33_P3292694	XR_110489	LOC643355	uncharacterized LOC643355		0,589828195
A_21_P0003235	TCONS_00006887	XLOC_002701			0,589640894
A_33_P3337480	NM_001004328	ZNF705A	zinc finger protein 705A	ENST00000359286	0,589443082
A_21_P0012323	ENST00000446078	XLOC_I2_009359		ENST00000446078	0,589142762
A_19_P00316919	NR_027058	LINC00338	long intergenic non-protein coding RNA 338	ENST00000434411	0,589105588
A_24_P944588	NM_033196	ZNF682	zinc finger protein 682	ENST00000341262	0,588483336
A_21_P0014390	ENST00000476474	LOC100507111		ENST00000476474	0,588011749
A_23_P94879	NM_000506	F2	coagulation factor II (thrombin)	ENST00000311907	0,587701963
A_21_P0005651	ENST00000517816	XLOC_006704		ENST00000517816	0,587073759
A_23_P133739	NM_148959	HUS1B	HUS1 checkpoint homolog b (S. pombe)	ENST00000380907	0,58682773
A_33_P3740020	BE172294	SNORD9	small nucleolar RNA, C/D box 9		0,586759198
A_24_P677642	NR_038275	FLJ31813	FAM21B pseudogene	ENST00000456967	0,586736624
A_33_P3363655	NM_022662	ANAPC1	anaphase promoting complex subunit 1	ENST00000451367	0,586732607

A_21_P0006821	TCONS_00018097	XLOC_008366			0,586552977
A_21_P0007556	BC034605	XLOC_009748			0,586350151
A_33_P3306654	NR_024480	LOC100131551	uncharacterized LOC100131551	ENST00000414120	0,586180124
A_33_P3239122	ENST00000372550	PPIH	peptidylprolyl isomerase H (cyclophilin H)	ENST00000372550	0,586139428
A_21_P0014217	XR_133505	LOC100507278	uncharacterized LOC100507278		0,58597959
A_21_P0010118	THC2663511	XLOC_013728			0,585388965
A_21_P0000264	NR_002579	SNORD74	small nucleolar RNA, C/D box 74		0,585139811
A_33_P3328716	NM_144719	CCDC13	coiled-coil domain containing 13	ENST00000310232	0,585131709
A_21_P0006304	TCONS_00016442	XLOC_007808			0,585124828
A_21_P0013918	XM_001717195	LOC731282	uncharacterized LOC731282		0,584910214
A_33_P3377239	NR_026885	LOC100270804	uncharacterized LOC100270804		0,584856258
A_23_P74042	NM_012302	LPHN2	latrophilin 2	ENST00000370725	0,58478475
A_32_P178945	NM_018566	YOD1	YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae)	ENST00000367084	0,584574483
A_33_P3381684	NM_007113	TCHH	trichohyalin	ENST00000368804	0,5845495
A_32_P114028	NM_024688	C10orf68	chromosome 10 open reading frame 68	ENST00000375037	0,58447634
A_21_P0006193	TCONS_00016098	XLOC_007489			0,584405911
A_33_P3381483	NM_018555	ZNF331	zinc finger protein 331	ENST00000253144	0,584001831
A_33_P3354076	NR_036433	FAM172BP	family with sequence similarity 172, member B pseudogene		0,58376577
A_21_P0009236	TCONS_00025349	XLOC_012169			0,583686962
A_23_P157027	ENST00000407838	VSTM2A	V-set and transmembrane domain containing 2A	ENST00000407838	0,583593926
A_21_P0000537	NR_027450	FAM186B	family with sequence similarity 186, member B		0,583393635
A_24_P290927	NM_014847	UBAP2L	ubiquitin associated protein 2-like	ENST00000441890	0,582586552
A_21_P0005521	NR_024586	LOC100216545	uncharacterized LOC100216545		0,58257656
A_21_P0014898	XR_132888	LOC100652951	uncharacterized LOC100652951		0,5819067
A_33_P3324383	NM_001013690	FIGNL2	fidgetin-like 2		0,581821624
A_21_P0006942	TCONS_00018397	XLOC_008679			0,581768473
A_21_P0008665	TCONS_00023489	XLOC_011335			0,581435823
A_33_P3349045	NM_001008699	IL4R	interleukin 4 receptor	ENST00000380925	0,580601014
A_33_P3421363	NM_194320	ZNF169	zinc finger protein 169	ENST00000492115	0,5800498

A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,579897546
A_33_P3346936	ENST00000549378	MON2	MON2 homolog (S. cerevisiae)	ENST00000549378	0,579853519
A_33_P3251163	ENST00000510083	RNASET2	ribonuclease T2	ENST00000510083	0,579646745
A_33_P3210085	NM_001047160	NET1	neuroepithelial cell transforming 1	ENST00000380337	0,57918591
A_24_P385190	NM_000342	SLC4A1	solute carrier family 4, anion exchanger, member 1 (erythrocyte)	ENST00000471005	0,579055981
A_32_P7823	NM_144578	MAPK1IP1L	mitogen-activated protein kinase 1 interacting protein 1-like	ENST00000395468	0,578979711
A_33_P3243929	AK124016	FLJ42022	uncharacterized LOC646748		0,57894843
A_21_P0009678	TCONS_00026873	XLOC_012931			0,578761568
A_21_P0011325	TCONS_I2_0000862	XLOC_I2_004647			0,578725048
A_23_P420334	NM_152595	PGBD4	piggyBac transposable element derived 4	ENST00000397766	0,578241928
A_33_P3741059	XR_110492	LOC100506459	uncharacterized LOC100506459		0,578182248
A_21_P0004154	ENST00000513779	XLOC_004925		ENST00000513779	0,578128189
A_21_P0007098	TCONS_00018898	XLOC_008763			0,577728015
A_21_P0008731	TCONS_00023648	XLOC_011448			0,577462074
A_33_P3362770	NM_018427	RRN3	RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae)	ENST00000327307	0,577273826
A_33_P3251672	NM_001606	ABCA2	ATP-binding cassette, sub-family A (ABC1), member 2	ENST00000398207	0,577172266
A_24_P340853	NM_032789	PARP10	poly (ADP-ribose) polymerase family, member 10	ENST00000527262	0,577168676
A_23_P428184	NM_021065	HIST1H2AD	histone cluster 1, H2ad	ENST00000341023	0,57712422
A_21_P0013438	ENST00000429320	XLOC_I2_013873		ENST00000429320	0,576686174
A_21_P0000497	NR_004396	SNORD1B	small nucleolar RNA, C/D box 1B		0,576536833
A_33_P3460485	BF814437	SCARNA4	small Cajal body-specific RNA 4		0,576342089
A_33_P3389852	NM_017679	BCAS3	breast carcinoma amplified sequence 3	ENST00000405217	0,576274424
A_21_P0002437	TCONS_00005144	XLOC_002085			0,576218981
A_19_P00804859	NR_029635	MIR221			0,575697112
A_33_P3361584	AK126579	LOC100130930	uncharacterized LOC100130930		0,575672468
A_23_P411157	NM_005430	WNT1	wingless-type MMTV integration site family, member 1		0,575501383
A_33_P3267740	NM_178544	ZNF546	zinc finger protein 546	ENST00000392042	0,575265214
A_21_P0008366	TCONS_00022580	XLOC_010893			0,575253216
A_21_P0008195	TCONS_00022078	XLOC_010680			0,575195863

A_23_P142239	NM_033557	YIF1B	Yip1 interacting factor homolog B (<i>S. cerevisiae</i>)	ENST00000392124	0,574956647
A_33_P3246026	NM_001040448	DEFB131	defensin, beta 131	ENST00000334879	0,574563609
A_33_P3264163	NM_001202522	DDR1	discoidin domain receptor tyrosine kinase 1	ENST00000400407	0,574401344
A_33_P3225096	NM_017762	MTMR10	myotubularin related protein 10	ENST00000435680	0,574396994
A_33_P3226735	NR_026876	STL	six-twelve leukemia		0,574072924
A_33_P3212221	NM_001007188	DEPDC5	DEP domain containing 5	ENST00000469974	0,57403863
A_23_P148484	NM_016120	RLIM	ring finger protein, LIM domain interacting	ENST00000349225	0,573212027
A_33_P3269278	NM_153257	ZNF461	zinc finger protein 461	ENST00000396896	0,573135062
A_33_P3388283	ENST00000496907	HMGCL	3-hydroxymethyl-3-methylglutaryl-CoA lyase	ENST00000496907	0,57283382
A_23_P111361	NM_173672	PPIL6	peptidylprolyl isomerase (cyclophilin)-like 6	ENST00000521072	0,572604854
A_21_P0000372	NR_003042	SNORD45C	small nucleolar RNA, C/D box 45C	ENST00000471759	0,572567151
A_21_P0010590	THC2520724	XLOC_I2_000727			0,572337458
A_33_P3408643	ENST00000402091	FAM82A1	family with sequence similarity 82, member A1	ENST00000402091	0,572163277
A_33_P3357490	NM_001009565	CDKL4	cyclin-dependent kinase-like 4	ENST00000378803	0,57209183
A_21_P0010268	BG184196	XLOC_014001			0,572083309
A_21_P0004507	TCONS_00010707	XLOC_004412			0,571942772
A_33_P3304501	NM_001265	CDX2	caudal type homeobox 2	ENST00000381020	0,571936682
A_21_P0011936	THC2569496	XLOC_I2_008140			0,57189954
A_21_P0010483	BC037213	LOC100271722	uncharacterized LOC100271722		0,571496365
A_21_P0005692	TCONS_00014684	XLOC_006781			0,571002995
A_21_P0011839	THC2673521	XLOC_I2_007478			0,570990869
A_21_P0007077	TCONS_00018816	XLOC_008613			0,57084852
A_33_P3239123	ENST00000372550	PPIH	peptidylprolyl isomerase H (cyclophilin H)	ENST00000372550	0,570808045
A_21_P0006506	THC2647795	XLOC_008020			0,570751554
A_21_P0014462	XR_109944	ZNF638-IT1	ZNF638 intronic transcript 1 (non-protein coding)		0,570549681
A_32_P515431	XR_110830	LOC100132057	phosphodiesterase 4D interacting protein pseudogene		0,570392799
A_21_P0008246	TCONS_00022238	XLOC_010542			0,570382137
A_33_P3365870	NM_001143888	BSDC1	BSD domain containing 1	ENST00000325745	0,570029138
A_23_P209032	NM_018443	ZNF302	zinc finger protein 302	ENST00000509196	0,569555265

A_23_P376704	NM_001279	CIDEA	cell death-inducing DFFA-like effector a	ENST00000320477	0,569411615
A_23_P32253	NM_005384	NFIL3	nuclear factor, interleukin 3 regulated	ENST00000297689	0,569327483
A_21_P0003279	TCONS_00007119	XLOC_003052			0,569204332
A_23_P429998	NM_006732	FOSB	FBJ murine osteosarcoma viral oncogene homolog B	ENST00000353609	0,568761883
A_21_P0009886	ENST00000417696	XLOC_013674		ENST00000417696	0,568625525
A_24_P65851	NR_003505	PPP4R1L	protein phosphatase 4, regulatory subunit 1-like	ENST00000493688	0,568164618
A_21_P0001659	TCONS_00001924	XLOC_000027			0,568105662
A_21_P0005632	AK130001	XLOC_006857			0,567623967
A_23_P5611	NM_018151	RIF1	RAP1 interacting factor homolog (yeast)	ENST00000430328	0,567441809
A_33_P3222769	NM_001013638	PRR25	proline rich 25	ENST00000301698	0,56681905
A_21_P0011940	ENST00000447987	XLOC_l2_008163		ENST00000447987	0,566690678
A_21_P0001148	ENST00000437598	XLOC_000902		ENST00000437598	0,566577562
A_21_P0008897	BC104446	LOC283867	uncharacterized LOC283867		0,566483236
A_21_P0011967	NM_003014	SFRP4	secreted frizzled-related protein 4	ENST00000436072	0,566422491
A_33_P3270271	BC029817	LOC440386	uncharacterized LOC440386		0,566417449
A_33_P3362562	NM_003161	RPS6KB1	ribosomal protein S6 kinase, 70kDa, polypeptide 1	ENST00000443572	0,566224117
A_23_P380990	NM_173535	CLEC4F	C-type lectin domain family 4, member F	ENST00000272367	0,566195712
A_33_P3285145	XR_109830	LOC100131826	TSSP3028		0,566149585
A_21_P0007776	TCONS_00020964	XLOC_010234			0,566053683
A_24_P97770	NM_001031711	ERGIC1	endoplasmic reticulum-golgi intermediate compartment (EF	ENST00000519796	0,566009177
A_23_P122068	NM_181435	C1QTNF3	C1q and tumor necrosis factor related protein 3	ENST00000513471	0,565941061
A_33_P3395513	ENST00000544729	NRG2	neuregulin 2	ENST00000544729	0,565600966
A_21_P0014747	ENST00000437898	LOC100652915		ENST00000437898	0,565578141
A_33_P3241316	NM_213600	PLA2G4F	phospholipase A2, group IVF	ENST00000357924	0,565267981
A_21_P0012526	ENST00000415451	XLOC_l2_010061		ENST00000415451	0,565205034
A_33_P3368646	NM_173515	CNKSR3	CNKSR family member 3	ENST00000367213	0,564962868
A_33_P3267460	NM_134428	RFX3	regulatory factor X, 3 (influences HLA class II expression)	ENST00000381984	0,564595951
A_21_P0004824	TCONS_00011651	XLOC_005133			0,564575881
A_21_P0009329	TCONS_00025688	XLOC_012503			0,564569699

A_21_P0014799	XR_132602	LOC100652876	uncharacterized LOC100652876		0,564559157
A_23_P170534	NM_004479	FUT7	fucosyltransferase 7 (alpha (1,3) fucosyltransferase)	ENST00000314412	0,564496196
A_21_P0002510	TCONS_00004464	XLOC_002342			0,564088683
A_21_P0013835	TCONS_I2_0003061	XLOC_I2_015830			0,564001779
A_32_P8221	NM_000845	GRM8	glutamate receptor, metabotropic 8	ENST00000489939	0,563739633
A_19_P00813436	NR_039984	LOC729506			0,563694505
A_33_P3263902	NM_005962	MXI1	MAX interactor 1	ENST00000393134	0,563491708
A_33_P3520835	AK123449	FLJ41455	uncharacterized LOC441441		0,563285875
A_33_P3328937	NM_001112707	TLK2	tousled-like kinase 2	ENST00000542523	0,562879778
A_33_P3326812	AK127768	LOC100130152	uncharacterized LOC100130152		0,562778226
A_32_P51848	NM_019018	FAM105A	family with sequence similarity 105, member A		0,562674325
A_21_P0013622	NM_001243372	CLCN3	chloride channel 3	ENST00000512813	0,562492728
A_23_P109382	NM_005315	GSC2	goosecoid homeobox 2	ENST00000086933	0,562342091
A_32_P36235	NM_004907	IER2	immediate early response 2	ENST00000292433	0,562285472
A_33_P3210916	ENST00000479868	SEC13	SEC13 homolog (<i>S. cerevisiae</i>)	ENST00000479868	0,562106221
A_19_P00319040	NR_038948	LOC100506136	uncharacterized LOC100506136		0,5614053
A_21_P0006589	ENST00000425031	XLOC_008276		ENST00000425031	0,561167381
A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187	0,560931178
A_33_P3238651	NM_001039783	TXNRD3NB	thioredoxin reductase 3 neighbor	ENST00000404489	0,560890193
A_21_P0012609	TCONS_I2_0002075	XLOC_I2_010830			0,560810285
A_33_P3381107	NM_001004478	OR10Z1	olfactory receptor, family 10, subfamily Z, member 1	ENST00000361284	0,5607859
A_21_P0001906	THC2677671	XLOC_001632			0,560333053
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,560243634
A_33_P3367606	NR_026806	FLJ13224	uncharacterized LOC79857	ENST00000313737	0,560108113
A_21_P0013255	BG168839	XLOC_I2_013513			0,560045819
A_23_P156445	NM_018665	DDX43	DEAD (Asp-Glu-Ala-Asp) box polypeptide 43	ENST00000370336	0,559938746
A_21_P0002380	TCONS_00004095	XLOC_001931			0,559900498
A_32_P68148	NR_027130	ZNF738	zinc finger protein 738		0,559413802
A_23_P2801	NM_172373	ELF1	E74-like factor 1 (ets domain transcription factor)	ENST00000239882	0,559360762

A_21_P0001751	TCONS_00002568	XLOC_001173				0,559142286
A_23_P29124	NM_000407	GP1BB	glycoprotein Ib (platelet), beta polypeptide	ENST00000366425		0,55891573
A_33_P3245449	NR_027420	LOC389834	ankyrin repeat domain 57 pseudogene			0,558778539
A_32_P488818	NM_182592	YIPF7	Yip1 domain family, member 7	ENST00000510035		0,558527868
A_23_P364792	NR_045129	TXLNG2P	taxilin gamma 2, pseudogene	ENST00000251749		0,558271827
A_23_P383819	NM_016569	TBX3	T-box 3	ENST00000257566		0,558254212
A_21_P0013324	ENST00000412091	XLOC_I2_013873		ENST00000412091		0,557968709
A_23_P157766	NM_001039395	C9orf68	chromosome 9 open reading frame 68	ENST00000381895		0,557954983
A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125		0,557770199
A_33_P3273767	ENST00000442973	GJB7	gap junction protein, beta 7, 25kDa	ENST00000442973		0,557696832
A_23_P110253	NM_000222	KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene hon	ENST00000288135		0,557657455
A_21_P0003028	TCONS_00006203	XLOC_002798				0,557399936
A_21_P0004928	THC2725080	XLOC_005442				0,557182512
A_24_P942017	NR_034127	LOC100132356	uncharacterized LOC100132356			0,557148841
A_23_P52480	NM_000772	CYP2C18	cytochrome P450, family 2, subfamily C, polypeptide 18	ENST00000476630		0,557124828
A_33_P3232277	NM_004060	CCNG1	cyclin G1	ENST00000511490		0,556946743
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599		0,55677181
A_32_P111336	XR_108657	LOC100131283	uncharacterized LOC100131283			0,556492557
A_21_P0014783	XR_132565	FP2234	uncharacterized LOC100507137			0,556418785
A_21_P0011838	NM_022662	ANAPC1	anaphase promoting complex subunit 1	ENST00000341068		0,556344864
A_21_P0000344	NM_001007074	RPL32	ribosomal protein L32	ENST00000396953		0,556006994
A_21_P0010723	ENST00000417260	XLOC_I2_000401		ENST00000417260		0,555993889
A_33_P3251640	NR_026956	LOC284440	uncharacterized LOC284440			0,555964186
A_33_P3362331	NM_001037804	DEFB130	defensin, beta 130	ENST00000400079		0,555932835
A_33_P3222728	NM_025169	ZNF167	zinc finger protein 167	ENST00000341840		0,555535021
A_23_P33196	NM_000393	COL5A2	collagen, type V, alpha 2	ENST00000452536		0,555356984
A_33_P3861634	NR_038897	LOC285084	uncharacterized LOC285084			0,5550355
A_33_P3222307	AK125520	LOC100129380	uncharacterized LOC100129380			0,554837528
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175		0,554553465

A_24_P99838	NM_013361	ZNF223	zinc finger protein 223	ENST00000434772	0,554345794
A_19_P00315693	NR_002323	TUG1			0,554239116
A_21_P0000388	NR_003072	SNORD91A	small nucleolar RNA, C/D box 91A		0,55411644
A_33_P3383065	NM_001195150	LOC100130705	uncharacterized LOC100130705		0,55405947
A_33_P3296499	NM_002844	PTPRK	protein tyrosine phosphatase, receptor type, K	ENST00000368202	0,553880823
A_23_P164737	NM_004831	MED26	mediator complex subunit 26	ENST00000263390	0,553630424
A_21_P0000924	ENST00000421003	XLOC_000643		ENST00000421003	0,553485623
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,553149288
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,553051207
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,552969241
A_19_P00318561	XR_108763	LOC100506516	uncharacterized LOC100506516	ENST00000414621	0,552957408
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,552945562
A_33_P3299565	NM_001004316	LEKR1	leucine, glutamate and lysine rich 1	ENST00000470811	0,552934441
A_21_P0001096	ENST00000442889	XLOC_000691		ENST00000442889	0,552797318
A_33_P3646051	AK094324	LOC284408	uncharacterized LOC284408		0,552692258
A_23_P123108	ENST00000493453	AKAP9	A kinase (PRKA) anchor protein (yotiao) 9	ENST00000493453	0,551881556
A_33_P3400244	NM_032752	ZNF496	zinc finger protein 496	ENST00000477903	0,551855447
A_23_P157679	NM_032334	UTP23	UTP23, small subunit (SSU) processome component, homol	ENST00000521974	0,551854021
A_33_P3280875	NM_006469	IVNS1ABP	influenza virus NS1A binding protein	ENST00000392007	0,551489307
A_24_P341116	NR_015340	SERPINA13	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase,	ENST00000469935	0,551439253
A_23_P131825	NM_003279	TNNC2	troponin C type 2 (fast)	ENST00000372557	0,551220253
A_24_P701030	NR_037157	C6orf112	chromosome 6 open reading frame 112	ENST00000369122	0,551166541
A_24_P764690	ENST00000544044	ZNF720	zinc finger protein 720	ENST00000544044	0,551122896
A_21_P0007955	ENST00000422074	XLOC_010464		ENST00000422074	0,551035959
A_21_P0005718	TCONS_00014755	XLOC_006839			0,550967743
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,550808601
A_21_P0006937	TCONS_00018388	XLOC_008668			0,55065623
A_33_P3231750	NR_027130	ZNF738	zinc finger protein 738	ENST00000311015	0,550469854
A_21_P0013539	ENST00000519714	XLOC_l2_014219		ENST00000519714	0,550194489

A_33_P3401673	NM_014030	GIT1	G protein-coupled receptor kinase interacting ArfGAP 1	ENST00000335356	0,549878791
A_33_P3222698	NM_006991	ZNF197	zinc finger protein 197	ENST00000396058	0,549809765
A_21_P0006030	ENST00000366188	XLOC_007464		ENST00000366188	0,549790126
A_21_P0008245	THC2672324	XLOC_010541			0,549724195
A_21_P0014563	XR_110312	LOC100505675	uncharacterized LOC100505675		0,549590383
A_21_P0011186	TCONS_I2_00007209	XLOC_I2_003992			0,549283631
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,549084188
A_23_P67424	NM_153257	ZNF461	zinc finger protein 461	ENST00000396892	0,548884248
A_33_P3256168	NM_001012994	SNX30	sorting nexin family member 30	ENST00000416585	0,548601168
A_21_P0001030	ENST00000424181	XLOC_000468		ENST00000424181	0,548596091
A_21_P0005120	BG928045	XLOC_005365			0,548529262
A_33_P3251144	NM_001127370	CDCA7L	cell division cycle associated 7-like	ENST00000465490	0,548147371
A_33_P3408042	NM_205859	OR2K2	olfactory receptor, family 2, subfamily K, member 2	ENST00000374428	0,548095649
A_24_P583225	NR_026999	LINC00265	long intergenic non-protein coding RNA 265	ENST00000423687	0,547970979
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,54764032
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,547601259
A_21_P0001896	ENST00000413708	XLOC_001618		ENST00000413708	0,547517972
A_21_P0012333	NM_171828	KCNMB3	potassium large conductance calcium-activated channel, subunit beta 3	ENST00000485523	0,547473659
A_21_P0011811	NR_015424	ANKRD36BP2	ankyrin repeat domain 36B pseudogene 2		0,546782393
A_33_P3331080	NM_001252231	SEC24A	SEC24 family, member A (S. cerevisiae)	ENST00000322887	0,546456949
A_21_P0004761	ENST00000430931	XLOC_005771		ENST00000430931	0,54645549
A_24_P217848	NM_003510	HIST1H2AK	histone cluster 1, H2ak	ENST00000330180	0,546146784
A_33_P3418511	NR_027756	HTA	uncharacterized LOC283902		0,545170229
A_33_P3219711	ENST00000534863	SUMF1	sulfatase modifying factor 1	ENST00000534863	0,545162583
A_23_P355517	NM_024875	SYNPO2L	synaptopodin 2-like	ENST00000394810	0,544605241
A_21_P0013396	NM_002471	MYH6	myosin, heavy chain 6, cardiac muscle, alpha	ENST00000413734	0,544283145
A_21_P0013724	ENST00000428709	XLOC_I2_015195		ENST00000428709	0,544164175
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,543799305
A_33_P3399064	NR_003285	RN5-8S1	RNA, 5.8S ribosomal 1		0,543574629

A_23_P49145	NM_152338	ZG16	zymogen granule protein 16 homolog (rat)	ENST00000400752	0,543095257
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,543022147
A_21_P0010767	ENST00000430316	XLOC_I2_001064		ENST00000430316	0,542864561
A_33_P3385516	NM_080617	CBLN4	cerebellin 4 precursor	ENST00000064571	0,542841413
A_33_P3289416	NM_152458	ZNF785	zinc finger protein 785	ENST00000395216	0,542349555
A_33_P3423250	NM_001134888	RTL1	retrotransposon-like 1	ENST00000534062	0,542271494
A_21_P0011504	NM_004667	HERC2	hect domain and RLD 2	ENST00000433784	0,541876798
A_21_P0010602	NM_014675	CROCC	ciliary rootlet coiled-coil, rootletin	ENST00000467880	0,541834524
A_21_P0014837	ENST00000508031	LOC100507388		ENST00000508031	0,541633271
A_21_P0012839	TCONS_I2_0002245	XLOC_I2_011692			0,541532493
A_21_P0000259	NR_002565	SNORD25	small nucleolar RNA, C/D box 25		0,541513631
A_21_P0012263	THC2560238	XLOC_I2_009332			0,54143173
A_33_P3331426	XR_108343	FLJ37786	uncharacterized LOC642691		0,541431294
A_33_P3357007	NM_001007537	C1QTNF9B	C1q and tumor necrosis factor related protein 9B	ENST00000382057	0,54142749
A_24_P358868	XM_001720936	ZNF728	zinc finger protein 728		0,541407473
A_21_P0003067	TCONS_00006328	XLOC_002945			0,541392599
A_23_P120281	NM_022336	EDAR	ectodysplasin A receptor	ENST00000376651	0,541331718
A_33_P3217490	NR_038388	LOC729444	uncharacterized LOC729444	ENST00000415704	0,541306808
A_24_P371399	NM_173552	C3orf58	chromosome 3 open reading frame 58	ENST00000315691	0,541298097
A_23_P381478	NM_152492	CCDC27	coiled-coil domain containing 27	ENST00000462521	0,541042733
A_33_P3861706	NM_017762	MTMR10	myotubularin related protein 10	ENST00000435680	0,541029174
A_21_P0007194	TCONS_00019277	XLOC_009110			0,540931842
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,540884366
A_23_P117298	NM_000131	F7	coagulation factor VII (serum prothrombin conversion accel	ENST00000346342	0,540675762
A_23_P133637	NM_001040172	HTR4	5-hydroxytryptamine (serotonin) receptor 4	ENST00000517929	0,540606658
A_23_P378416	NM_001001996	GPM6B	glycoprotein M6B	ENST00000356942	0,540373538
A_21_P0010466	TCONS_00029834	XLOC_014266			0,54023406
A_32_P163458	NM_001004351	SPDYE3	speedy homolog E3 (Xenopus laevis)	ENST00000426970	0,540021514
A_23_P258002	NM_017632	CDKN2AIP	CDKN2A interacting protein	ENST00000504169	0,539982821

A_33_P3253069	ENST00000368053	MED23	mediator complex subunit 23	ENST00000368053	0,539788601
A_21_P0011225	ENST00000434565	XLOC_l2_003944		ENST00000434565	0,539532768
A_23_P94911	NM_181845	ZNF283	zinc finger protein 283	ENST00000324461	0,539432973
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,539369573
A_24_P213715	NR_026993	LOC90834	uncharacterized protein BC001742		0,539110925
A_21_P0005893	TCONS_00015148	XLOC_007191			0,539015738
A_23_P300124	NM_144775	SMCR8	Smith-Magenis syndrome chromosome region, candidate 8	ENST00000406438	0,538986303
A_24_P13285	NM_006741	PPP1R1A	protein phosphatase 1, regulatory (inhibitor) subunit 1A	ENST00000257905	0,53891194
A_23_P146134	NM_024025	DUSP26	dual specificity phosphatase 26 (putative)	ENST00000256261	0,538794191
A_24_P52697	NR_002196	H19	H19, imprinted maternally expressed transcript (non-protein coding)		0,53878661
A_21_P0009189	AL049275	DKFZp564H213	uncharacterized LOC440432		0,538688316
A_23_P55421	NM_020649	CBX8	chromobox homolog 8	ENST00000269385	0,538512787
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,53850492
A_33_P3378630	AK097743	LOC100131195	uncharacterized LOC100131195		0,538401327
A_24_P315014	XR_113307	XAGE-4	XAGE-4 protein		0,537396418
A_21_P0000389	NR_003073	SNORD91B	small nucleolar RNA, C/D box 91B		0,53721939
A_23_P87238	NM_006512	SAA4	serum amyloid A4, constitutive	ENST00000524555	0,536586609
A_23_P254025	NM_003408	ZFP37	zinc finger protein 37 homolog (mouse)	ENST00000555206	0,536422786
A_21_P0000279	NR_002735	SNORD61	small nucleolar RNA, C/D box 61		0,536115176
A_21_P0002107	ENST00000415918	XLOC_002339		ENST00000415918	0,536096887
A_21_P0003337	ENST00000514339	XLOC_003464		ENST00000514339	0,536086423
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,535962666
A_33_P3631491	AF307449	CECR9	cat eye syndrome chromosome region, candidate 9 (non-pr	ENST00000453421	0,535870199
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,535549727
A_23_P107963	NM_000148	FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase)	ENST00000310160	0,535373221
A_21_P0011775	AK125686	LOC100505851	uncharacterized LOC100505851		0,535206196
A_33_P3340961	AF036272	SH3GL3	SH3-domain GRB2-like 3		0,534989304
A_23_P376870	NM_174891	C14orf79	chromosome 14 open reading frame 79	ENST00000548641	0,534960344
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,534893687

A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,534841163
A_24_P92558	NM_001039891	ZNF674	zinc finger protein 674	ENST00000414387	0,534744501
A_21_P0000374	NR_003046	SNORD59B	small nucleolar RNA, C/D box 59B		0,534727685
A_33_P3378126	NM_058229	FBXO32	F-box protein 32	ENST00000287396	0,534700319
A_33_P3523583	NR_033858	LOC642924	uncharacterized LOC642924		0,534588505
A_21_P0000498	NR_004397	SNORD1C	small nucleolar RNA, C/D box 1C	ENST00000448136	0,534508343
A_21_P0002592	ENST00000415396	LOC388946	transmembrane protein ENSP00000343375	ENST00000415396	0,534487104
A_33_P3416420	NM_145062	ZUFSP	zinc finger with UFM1-specific peptidase domain	ENST00000368573	0,534470617
A_21_P0010764	ENST00000424711	XLOC_I2_001011		ENST00000424711	0,53426098
A_24_P276531	NM_024700	SNIP1	Smad nuclear interacting protein 1	ENST00000296215	0,533999971
A_21_P0013866	NR_028379	FTX	FTX transcript, XIST regulator (non-protein coding)		0,533750315
A_21_P0012712	ENST00000515691	XLOC_I2_010586		ENST00000515691	0,533651688
A_23_P344281	NM_001010879	ZIK1	zinc finger protein interacting with K protein 1 homolog (mouse)	ENST00000307468	0,533454626
A_33_P3214209	NR_027027	GUSBP1	glucuronidase, beta pseudogene 1	ENST00000508973	0,533181933
A_33_P3351356	ENST00000398560	ARHGEF10	Rho guanine nucleotide exchange factor (GEF) 10	ENST00000398560	0,533110648
A_33_P3307820	NM_001013623	C6orf94	chromosome 6 open reading frame 94	ENST00000539295	0,532874875
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,532825325
A_21_P0007224	ENST00000527519	XLOC_009183		ENST00000527519	0,532498916
A_21_P0009414	TCONS_00026157	XLOC_012572			0,532363386
A_33_P3228977	ENST00000382893	UTY	ubiquitously transcribed tetratricopeptide repeat gene, Y-lir	ENST00000382893	0,532100742
A_33_P3355743	NM_018040	GPATCH2	G patch domain containing 2	ENST00000366934	0,532064567
A_21_P0001968	ENST00000443971	XLOC_001852		ENST00000443971	0,532018031
A_24_P169896	NM_001243541	LOC100653515	differential display clone 8	ENST00000475198	0,531700192
A_23_P110445	NM_006051	APBB3	amyloid beta (A4) precursor protein-binding, family B, member 3	ENST00000508496	0,531700133
A_23_P44648	NM_030955	ADAMTS12	ADAM metallopeptidase with thrombospondin type 1 motif 12	ENST00000352040	0,531643911
A_21_P0014704	XR_112198	LOC100509671	uncharacterized LOC100509671		0,531513034
A_21_P0001514	THC2695938	XLOC_000852			0,53148098
A_23_P29365	NM_012234	RYBP	RING1 and YY1 binding protein	ENST00000477973	0,531377891
A_24_P393571	NM_004293	GDA	guanine deaminase	ENST00000358399	0,530850818

A_33_P3304377	NM_002454	MTRR	5-methyltetrahydrofolate-homocysteine methyltransferase	ENST00000341013	0,530534662
A_33_P3375527	NM_152622	MIER3	mesoderm induction early response 1, family member 3	ENST00000381213	0,530511022
A_33_P3423420	NM_024702	ZNF750	zinc finger protein 750	ENST00000269394	0,530467574
A_32_P20523	NM_145715	TIGD2	tigger transposable element derived 2	ENST00000317005	0,530361588
A_24_P285522	NM_003618	MAP4K3	mitogen-activated protein kinase kinase kinase kinase 3	ENST00000536018	0,530204007
A_21_P0003172	TCONS_00007259	XLOC_003243			0,529980926
A_23_P94879	NM_000506	F2	coagulation factor II (thrombin)	ENST00000311907	0,529772772
A_23_P159741	NM_017745	BCOR	BCL6 corepressor	ENST00000342274	0,529614278
A_33_P3365352	AK124173	LOC100130476	uncharacterized LOC100130476		0,529598587
A_21_P0003942	ENST00000507389	XLOC_005005		ENST00000507389	0,529562728
A_23_P5586	NM_005791	MPHOSPH10	M-phase phosphoprotein 10 (U3 small nucleolar ribonucleo	ENST00000476969	0,529555652
A_21_P0014687	NM_000296	PKD1	polycystic kidney disease 1 (autosomal dominant)	ENST00000439623	0,5291743
A_33_P3331085	NM_021982	SEC24A	SEC24 family, member A (S. cerevisiae)	ENST00000398844	0,529089302
A_23_P112086	NM_021010	DEFA5	defensin, alpha 5, Paneth cell-specific	ENST00000330590	0,528944487
A_21_P0007203	TCONS_00019285	XLOC_009118			0,52886515
A_21_P0002312	TCONS_00003930	XLOC_001745			0,528851207
A_23_P36882	NM_006183	NTS	neurotensin	ENST00000256010	0,528754383
A_19_P00320400	NR_038988	LOC100287765			0,528688341
A_21_P0013193	NR_026873	LINC00174	long intergenic non-protein coding RNA 174	ENST00000416572	0,528637643
A_21_P0006439	ENST00000430235	XLOC_008099		ENST00000430235	0,528583773
A_21_P0014240	XR_108990	LOC100288449	uncharacterized LOC100288449		0,52857613
A_23_P160689	NM_018372	LRIF1	ligand dependent nuclear receptor interacting factor 1	ENST00000485275	0,528482696
A_33_P3360087	NM_014451	BBS9	Bardet-Biedl syndrome 9	ENST00000396125	0,528470722
A_33_P3266429	NM_001010971	SAMD13	sterile alpha motif domain containing 13	ENST00000370671	0,528417509
A_24_P223163	NM_138386	NAF1	nuclear assembly factor 1 homolog (S. cerevisiae)	ENST00000422287	0,52837043
A_33_P3358893	NM_002762	PRM2	protamine 2	ENST00000241808	0,528193032
A_21_P0001297	TCONS_00000942	XLOC_000194			0,52799699
A_21_P0013391	ENST00000419226	XLOC_I2_013506		ENST00000419226	0,52771357
A_21_P0012371	CR624823	LOC645206	uncharacterized LOC645206		0,527476119

A_23_P105118	NM_001005237	OR51G1	olfactory receptor, family 51, subfamily G, member 1	ENST00000321961	0,526902824
A_23_P35414	NM_005398	PPP1R3C	protein phosphatase 1, regulatory subunit 3C	ENST00000238994	0,526857658
A_21_P0014916	XR_133082	LOC100509507	putative uncharacterized protein C14orf165-like		0,52678577
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,5264471
A_33_P3371910	NM_138394	HNRPLL	heterogeneous nuclear ribonucleoprotein L-like	ENST00000358367	0,5263753
A_21_P0002468	TCONS_00004321	XLOC_002186			0,526309428
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,526154012
A_33_P3261197	NM_002486	NCBP1	nuclear cap binding protein subunit 1, 80kDa	ENST00000478100	0,525895587
A_33_P3270109	NM_138792	LEO1	Leo1, Paf1/RNA polymerase II complex component, homolog	ENST00000315141	0,525862873
A_24_P382401	NM_153358	ZNF791	zinc finger protein 791	ENST00000393303	0,525818907
A_21_P0014289	XR_109157	LOC100505533	uncharacterized LOC100505533		0,525812937
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,525732146
A_23_P81760	NM_006775	QKI	QKI, KH domain containing, RNA binding	ENST00000540719	0,525684865
A_21_P0012807	ENST00000511993	XLOC_l2_011309		ENST00000511993	0,525355684
A_33_P3421748	ENST00000381679	SON	SON DNA binding protein	ENST00000381679	0,525280984
A_21_P0007334	ENST00000444572	DCDC5	doublecortin domain containing 5	ENST00000444572	0,525182293
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,525074112
A_23_P169503	NM_001807	CEL	carboxyl ester lipase (bile salt-stimulated lipase)	ENST00000411440	0,524997276
A_23_P140190	NR_026800	KIAA0125	KIAA0125	ENST00000484511	0,524996688
A_21_P0003280	TCONS_00007127	XLOC_003061			0,524971361
A_33_P3252635	NM_203282	ZNF254	zinc finger protein 254	ENST00000339642	0,524967806
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,524935106
A_21_P0011857	XR_109900	LOC100131316	uncharacterized LOC100131316		0,524811436
A_23_P371824	NM_020127	TUFT1	tuftelin 1	ENST00000507671	0,524749577
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,524341905
A_33_P3282597	ENST00000399707	C18orf45	chromosome 18 open reading frame 45	ENST00000399707	0,524148284
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,523996262
A_33_P3322499	NR_028594	ZNF833P	zinc finger protein 833, pseudogene	ENST00000344893	0,523872395
A_23_P44207	NM_130767	ACOT12	acyl-CoA thioesterase 12	ENST00000506440	0,523720336

A_23_P111395	NM_003058	SLC22A2	solute carrier family 22 (organic cation transporter), member 2	ENST00000498556	0,523505249
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,523493026
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599	0,5234477
A_21_P0008072	TCONS_00021811	XLOC_010411			0,523203731
A_33_P3228757	NM_001144989	ZNF814	zinc finger protein 814	ENST00000376205	0,523069146
A_24_P101786	NM_001083953	THADA	thyroid adenoma associated	ENST00000474159	0,522981801
A_21_P0011319	NM_020759	STARD9	StAR-related lipid transfer (START) domain containing 9	ENST00000290607	0,522804833
A_23_P117095	NM_020638	FGF23	fibroblast growth factor 23	ENST00000237837	0,52279014
A_33_P3245454	NR_027420	LOC389834	ankyrin repeat domain 57 pseudogene		0,522473863
A_21_P0000037	NM_001163391	ZSCAN12	zinc finger and SCAN domain containing 12		0,522424035
A_21_P0012356	BC040576	XLOC_I2_009504			0,522281261
A_33_P3323384	NM_015713	RRM2B	ribonucleotide reductase M2 B (TP53 inducible)	ENST00000535248	0,522211878
A_21_P0003397	ENST00000503950	XLOC_003680		ENST00000503950	0,521861414
A_21_P0000348	NR_002996	SNORA80	small nucleolar RNA, H/ACA box 80		0,521762098
A_21_P0005731	TCONS_00014788	XLOC_006862			0,521537754
A_23_P58538	NR_015370	EPB41L4A-AS1	EPB41L4A antisense RNA 1 (non-protein coding)		0,521516419
A_23_P363203	NR_028288	TCL6	T-cell leukemia/lymphoma 6 (non-protein coding)	ENST00000461160	0,521423399
A_21_P0012835	THC2630830	XLOC_I2_011649			0,521371012
A_21_P0009345	AK094767	FLJ37448	uncharacterized LOC400612		0,521364147
A_21_P0013194	NR_039983	LOC729737	uncharacterized LOC729737	ENST00000423728	0,521359342
A_19_P00803960	NR_034075	LOC100499177	uncharacterized LOC100499177	ENST00000504520	0,521033575
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,520973634
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,520947489
A_33_P3358712	NR_027390	POLR2M	polymerase (RNA) II (DNA directed) polypeptide M	ENST00000464277	0,520832667
A_23_P139600	NM_004658	RASAL1	RAS protein activator like 1 (GAP1 like)	ENST00000446861	0,520659654
A_23_P23102	NM_145238	ZSCAN20	zinc finger and SCAN domain containing 20	ENST00000326544	0,520595535
A_21_P0001442	TCONS_00001333	XLOC_000628			0,520481492
A_24_P785293	NR_003098	SNHG1	small nucleolar RNA host gene 1 (non-protein coding)		0,520377882
A_21_P0000257	NR_002563	SNORD27	small nucleolar RNA, C/D box 27		0,520360018

A_23_P126486	NR_026752	CROCCP2	ciliary rootlet coiled-coil, rootletin pseudogene 2		0,520322357
A_24_P944427	NM_001080517	SETD5	SET domain containing 5	ENST00000402466	0,520000203
A_33_P3647427	X52357	ZNF29P	zinc finger protein 29, pseudogene		0,519903286
A_33_P3367811	AL137530	CCDC57	coiled-coil domain containing 57		0,519786015
A_24_P106502	NM_013397	PRICKLE4	prickle homolog 4 (Drosophila)	ENST00000359201	0,519276676
A_32_P103614	XR_109015	LOC100128511	uncharacterized LOC100128511	ENST00000417845	0,518723082
A_21_P0013637	CB121594	XLOC_I2_015178			0,518500136
A_21_P0006472	ENST00000433825	XLOC_008263		ENST00000433825	0,518250683
A_23_P45185	NM_004469	FIGF	c-fos induced growth factor (vascular endothelial growth fa	ENST00000297904	0,517933965
A_21_P0012985	ENST00000505637	XLOC_I2_012023		ENST00000505637	0,517568507
A_21_P0010084	NR_026885	LOC100270804	uncharacterized LOC100270804		0,517454658
A_23_P14184	NM_018676	THSD1	thrombospondin, type I, domain containing 1	ENST00000258613	0,517340976
A_33_P3326588	NM_003840	TNFRSF10D	tumor necrosis factor receptor superfamily, member 10d, d	ENST00000312584	0,51700244
A_21_P0014388	ENST00000545324	DNM2	dynamain 2	ENST00000545324	0,516836078
A_21_P0012678	TCONS_I2_00021279	XLOC_I2_011244			0,516836065
A_24_P76995	NM_015336	ZDHC17	zinc finger, DHHC-type containing 17	ENST00000551407	0,516520594
A_23_P215534	NM_053043	RBM33	RNA binding motif protein 33	ENST00000307403	0,516409107
A_33_P3366859	NM_001187	BAGE	B melanoma antigen	ENST00000470054	0,516344426
A_24_P264166	NR_033351	GOLGA8F	golgin A8 family, member F	ENST00000524859	0,516063259
A_21_P0004005	NR_028509	PART1	prostate androgen-regulated transcript 1 (non-protein coding)		0,515903071
A_21_P0002483	XR_109933	LOC100506473	uncharacterized LOC100506473		0,515882329
A_23_P74981	NM_033213	ZNF670	zinc finger protein 670	ENST00000366503	0,515817464
A_23_P46396	NM_021190	PTBP2	polypyrimidine tract binding protein 2	ENST00000394176	0,51570538
A_21_P0004847	TCONS_00011710	XLOC_005188			0,515471442
A_33_P3214432	NM_080660	ZC3HAV1L	zinc finger CCCH-type, antiviral 1-like	ENST00000358573	0,5154045
A_21_P0000512	NR_024343	SNAR-I	small ILF3/NF90-associated RNA I		0,515207509
A_21_P0007483	ENST00000539019	SSPN	sarcospan (Kras oncogene-associated gene)	ENST00000539019	0,515189328
A_24_P97687	NM_000524	HTR1A	5-hydroxytryptamine (serotonin) receptor 1A	ENST00000323865	0,515003453
A_33_P3262794	NM_017661	ZNF280D	zinc finger protein 280D	ENST00000396245	0,514853115

A_21_P0000377	NR_003054	SNORD65	small nucleolar RNA, C/D box 65		0,514823876
A_33_P3316313	NM_182501	MTERFD2	MTERF domain containing 2	ENST00000391980	0,514684985
A_21_P0002401	TCONS_00004139	XLOC_001983			0,514341286
A_23_P167882	NM_052872	IL17F	interleukin 17F	ENST00000478427	0,514259429
A_33_P3345623	NM_001003700	RREB1	ras responsive element binding protein 1	ENST00000334984	0,514221118
A_23_P60657	NM_015203	RPRD2	regulation of nuclear pre-mRNA domain containing 2	ENST00000492220	0,514182827
A_24_P169544	NM_006959	ZNF17	zinc finger protein 17	ENST00000307658	0,514145225
A_21_P0001827	ENST00000414086	XLOC_001355		ENST00000414086	0,514118998
A_23_P134204	NM_032599	FAM71F1	family with sequence similarity 71, member F1	ENST00000484425	0,513884128
A_21_P0003099	TCONS_00006403	XLOC_003027			0,513763919
A_32_P33434	NM_001199814	ZNF812	zinc finger protein 812	ENST00000457674	0,513637603
A_33_P3260605	NM_003798	CTNNAL1	catenin (cadherin-associated protein), alpha-like 1	ENST00000374593	0,51331825
A_23_P85015	NM_000898	MAOB	monoamine oxidase B	ENST00000378069	0,513167223
A_33_P3270793	NM_145175	FAM84A	family with sequence similarity 84, member A	ENST00000359969	0,513081429
A_21_P0014601	ENST00000466213	SFPQ	splicing factor proline/glutamine-rich	ENST00000466213	0,51302382
A_23_P380754	NM_002769	PRSS1	protease, serine, 1 (trypsin 1)	ENST00000485223	0,51294378
A_33_P3399638	NM_033468	ZNF257	zinc finger protein 257	ENST00000435820	0,512871835
A_21_P0013219	BI830525	XLOC_I2_013456			0,512789815
A_24_P152527	NM_006373	VAT1	vesicle amine transport protein 1 homolog (T. californica)	ENST00000315674	0,512787359
A_33_P3227482	AK125932	FLJ43944	FLJ43944 protein		0,512676075
A_21_P0010955	NR_028134	GUCY2GP	guanylate cyclase 2G homolog (mouse), pseudogene		0,512380551
A_21_P0003106	TCONS_00006455	XLOC_003065			0,512246771
A_23_P354894	NM_152603	ZNF567	zinc finger protein 567	ENST00000360729	0,512113241
A_21_P0009386	TCONS_00025888	XLOC_012162			0,512007659
A_33_P3251821	NR_003545	C5orf44	chromosome 5 open reading frame 44	ENST00000510585	0,511694409
A_21_P0012989	ENST00000503882	XLOC_I2_012054		ENST00000503882	0,511673071
A_23_P327156	NR_024334	LOC645431	uncharacterized LOC645431		0,51157041
A_33_P3263569	NM_152763	AKNAD1	AKNA domain containing 1	ENST00000474186	0,511489218
A_21_P0005577	TCONS_00014217	XLOC_006258			0,511222411

A_21_P0010593	TCONS_I2_0000096	XLOC_I2_000727				0,510940865
A_33_P3306146	NM_001145031	PLAU	plasminogen activator, urokinase	ENST00000372761		0,510907559
A_21_P0003480	ENST00000510744	XLOC_003988		ENST00000510744		0,510814948
A_21_P0009251	TCONS_00025417	XLOC_012226				0,5106998
A_19_P00316914	AK058184	LOC148638	uncharacterized LOC148638			0,510693964
A_33_P3242909	NM_145276	ZNF563	zinc finger protein 563	ENST00000318168		0,510543411
A_21_P0005389	THC2730801	XLOC_006123				0,510528603
A_33_P3220723	NM_015196	KIAA0922	KIAA0922	ENST00000440693		0,510506817
A_23_P337875	NM_001040202	PAQR3	progesterin and adiponQ receptor family member III	ENST00000508599		0,510218813
A_21_P0007394	TCONS_00019749	XLOC_009543				0,510196141
A_21_P0004938	TCONS_00011947	XLOC_005460				0,510129022
A_19_P00317910	ENST00000427109	XLOC_I2_015034		ENST00000427109		0,510101609
A_21_P0000268	NR_002584	SNORA69	small nucleolar RNA, H/ACA box 69	ENST00000477403		0,510036502
A_21_P0000207	NR_000007	SNORD73A	small nucleolar RNA, C/D box 73A	ENST00000322686		0,509865212
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957		0,509779121
A_33_P3380196	BC015533	AKAP9	A kinase (PRKA) anchor protein (yotiao) 9	ENST00000394564		0,509644578
A_23_P56298	NM_025189	ZNF430	zinc finger protein 430	ENST00000261560		0,509545586
A_33_P3270509	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721		0,509332412
A_21_P0005532	TCONS_00013978	XLOC_006617				0,509272102
A_21_P0014904	XR_132901	LOC100652738	uncharacterized LOC100652738			0,509218762
A_32_P180741	NM_001010938	TNK2	tyrosine kinase, non-receptor, 2	ENST00000430929		0,508999201
A_33_P3384260	ENST00000546500	HNRNPA1	heterogeneous nuclear ribonucleoprotein A1	ENST00000546500		0,508948225
A_21_P0005468	TCONS_00013686	XLOC_006348				0,508565581
A_21_P0009822	ENST00000418739	XLOC_013439		ENST00000418739		0,508520871
A_24_P71439	NM_015317	PUM2	pumilio homolog 2 (Drosophila)	ENST00000403432		0,508459357
A_21_P0004718	ENST00000397717	NQO2	NAD(P)H dehydrogenase, quinone 2	ENST00000397717		0,508152943
A_33_P3365815	AK057458	LOC729866	hCG1994895			0,508039878
A_19_P00322002	NR_015431	FLJ43663	uncharacterized LOC378805			0,508028072
A_23_P27822	NM_018025	GPATCH1	G patch domain containing 1	ENST00000170564		0,508005157

A_33_P3405946	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,50798989
A_33_P3383724	NM_001012414	TRIM61	tripartite motif containing 61	ENST00000329314	0,50796438
A_23_P7976	NM_005321	HIST1H1E	histone cluster 1, H1e	ENST00000304218	0,507956027
A_33_P3232203	ENST00000478615	SAG	S-antigen; retina and pineal gland (arrestin)	ENST00000478615	0,50790086
A_33_P3465703	BF304636	SNORA60	small nucleolar RNA, H/ACA box 60		0,507838982
A_21_P0002374	TCONS_00004060	XLOC_001908			0,507828015
A_21_P0000839	NR_038923	LOC254100	uncharacterized LOC254100		0,507739875
A_21_P0002425	BX119243	XLOC_002060			0,507631816
A_21_P0013332	NR_003666	SPDYE7P	speedy homolog E7 (<i>Xenopus laevis</i>), pseudogene	ENST00000489778	0,507572456
A_23_P112874	NM_004466	GPC5	glypican 5	ENST00000377067	0,507455541
A_24_P15325	AJ301560	XKR6	XK, Kell blood group complex subunit-related family, memb	ENST00000297303	0,507237576
A_23_P58251	NM_001014448	CPZ	carboxypeptidase Z	ENST00000514302	0,507042449
A_23_P377996	NM_178532	RNF180	ring finger protein 180	ENST00000296615	0,506997076
A_33_P3214293	NM_000945	PPP3R1	protein phosphatase 3, regulatory subunit B, alpha	ENST00000234310	0,506916181
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,506794859
A_32_P207428	NM_138374	ZNF845	zinc finger protein 845	ENST00000427984	0,506750244
A_21_P0002933	TCONS_00005953	XLOC_002587			0,506621889
A_23_P110764	NM_006790	MYOT	myotilin	ENST00000421631	0,506598129
A_33_P3238330	NM_176782	FAM151A	family with sequence similarity 151, member A	ENST00000371304	0,506190117
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,505965255
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,505954402
A_33_P3245679	XR_110372	LOC100129940	uncharacterized LOC100129940	ENST00000356215	0,505873027
A_23_P61674	NM_020666	CLK4	CDC-like kinase 4	ENST00000520878	0,505732673
A_33_P3666817	NM_001001791	C10orf55	chromosome 10 open reading frame 55	ENST00000412307	0,505673069
A_33_P3329098	NM_004906	WTAP	Wilms tumor 1 associated protein	ENST00000358372	0,505625516
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,505305131
A_33_P3220818	NM_001201338	SAFB	scaffold attachment factor B	ENST00000433404	0,505290376
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,505235918
A_21_P0010622	TCONS_I2_00001279	XLOC_I2_000941			0,504866266

A_21_P0008147	TCONS_00021980	XLOC_010582				0,50480746
A_33_P3367396	NM_207468	FAM177B	family with sequence similarity 177, member B	ENST00000360827		0,504639814
A_21_P0010641	ENST00000430107	XLOC_I2_001064		ENST00000430107		0,504549785
A_21_P0007993	ENST00000452288	XLOC_010606		ENST00000452288		0,504533882
A_21_P0009150	NR_040050	LOC100507351	uncharacterized LOC100507351			0,50450679
A_21_P0002415	TCONS_00004183	XLOC_002024				0,504326123
A_33_P3233764	NM_004690	LATS1	LATS, large tumor suppressor, homolog 1 (Drosophila)	ENST00000392273		0,50419701
A_24_P822704	NM_001005209	TMEM198	transmembrane protein 198	ENST00000344458		0,504024924
A_21_P0012288	ENST00000443839	XLOC_I2_009469		ENST00000443839		0,50397519
A_23_P50697	NM_006905	PSG1	pregnancy specific beta-1-glycoprotein 1	ENST00000270059		0,503870494
A_33_P3271930	NM_153824	PYCR1	pyrroline-5-carboxylate reductase 1	ENST00000402252		0,503848538
A_21_P0013856	THC2516011	XLOC_I2_015641				0,503718834
A_23_P31798	NM_000015	NAT2	N-acetyltransferase 2 (arylamine N-acetyltransferase)	ENST00000286479		0,503684616
A_21_P0007959	AF339799	XLOC_010477		ENST00000434547		0,503656993
A_21_P0011361	ENST00000327271	XLOC_I2_004859		ENST00000327271		0,503435388
A_21_P0003630	THC2706940	XLOC_003613				0,503393681
A_24_P323754	XR_109960	LOC100131510	uncharacterized LOC100131510			0,503018541
A_21_P0007778	TCONS_00020968	XLOC_010238				0,502861452
A_21_P0009766	TCONS_00027327	XLOC_013323				0,502831149
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158		0,502764438
A_21_P0000603	NR_033769	ASB9P1	ankyrin repeat and SOCS box containing 9 pseudogene 1			0,502675561
A_21_P0008831	TCONS_00023976	XLOC_011305				0,502344879
A_21_P0009225	TCONS_00025313	XLOC_012116				0,502336042
A_21_P0000285	NR_002744	SNORD49A	small nucleolar RNA, C/D box 49A			0,502327953
A_21_P0013436	ENST00000442578	XLOC_I2_013873		ENST00000442578		0,502291061
A_33_P3305058	ENST00000451399	CUL9	cullin 9	ENST00000451399		0,50224831
A_21_P0014284	ENST00000551357	LOC100506452		ENST00000551357		0,502024615
A_23_P24104	NM_002658	PLAU	plasminogen activator, urokinase	ENST00000496777		0,501952044
A_23_P95594	NM_000662	NAT1	N-acetyltransferase 1 (arylamine N-acetyltransferase)	ENST00000520546		0,501755903

A_33_P3340014	NM_016157	TRO	trophinin	ENST00000474933	0,501595581
A_33_P3410449	NM_153334	SCARF2	scavenger receptor class F, member 2	ENST00000341328	0,501383249
A_33_P3218138	NM_000937	POLR2A	polymerase (RNA) II (DNA directed) polypeptide A, 220kDa	ENST00000322644	0,501372987
A_33_P3380783	AK128032	LOC100128184	uncharacterized LOC100128184		0,501325377
A_33_P3270519	NM_033088	FAM40A	family with sequence similarity 40, member A	ENST00000369794	0,500776589
A_33_P3290443	NR_002569	SCARNA9	small Cajal body-specific RNA 9	ENST00000530422	0,500746553
A_33_P3215906	NM_001039703	NBPF10	neuroblastoma breakpoint family, member 10	ENST00000414710	0,50066682
A_21_P0000932	CR606964	XLOC_000929			0,500609618
A_21_P0012881	TCONS_I2_0002274;XLOC_I2_011908				0,500593547
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	0,500578473
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,500547409
A_33_P3401284	NR_003051	RMRP	RNA component of mitochondrial RNA processing endoribonuclease		0,500301467
A_21_P0010752	ENST00000435300	XLOC_I2_000727		ENST00000435300	0,500208547
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,500037052
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,500091125
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,500094035
A_24_P82106	NM_004995	MMP14	matrix metalloproteinase 14 (membrane-inserted)	ENST00000311852	-0,500140141
A_24_P392958	NM_144628	TBC1D20	TBC1 domain family, member 20	ENST00000461188	-0,500169176
A_33_P3340342	NM_144601	CMTM3	CKLF-like MARVEL transmembrane domain containing 3	ENST00000361909	-0,500515239
A_23_P347632	NM_014751	MTSS1	metastasis suppressor 1	ENST00000520771	-0,500542026
A_33_P3395605	NM_181724	TMEM119	transmembrane protein 119	ENST00000392806	-0,500543246
A_23_P159937	NM_005629	SLC6A8	solute carrier family 6 (neurotransmitter transporter, creati	ENST00000253122	-0,500599325
A_24_P753161	NM_001204	BMPR2	bone morphogenetic protein receptor, type II (serine/threo	ENST00000374580	-0,500791977
A_33_P3655775	AK096384	LOC284630	uncharacterized LOC284630		-0,500867292
A_24_P119577	NM_001048183	PHACTR4	phosphatase and actin regulator 4	ENST00000373836	-0,500898343
A_23_P125772	NM_014370	SRPK3	SRSF protein kinase 3	ENST00000370101	-0,501032531
A_33_P3209491	NM_022648	TNS1	tensin 1	ENST00000171887	-0,501076059
A_21_P0014254	XR_109026	LOC645954	supervillin pseudogene		-0,501326847
A_33_P3220545	NM_001003841	SLC6A19	solute carrier family 6 (neutral amino acid transporter), mer	ENST00000515652	-0,50142776

A_23_P110569	NM_018700	TRIM36	tripartite motif containing 36	ENST00000282369	-0,501557976
A_32_P132317	NM_001033045	GPR155	G protein-coupled receptor 155	ENST00000392552	-0,501617258
A_21_P0007265	TCONS_00019442	XLOC_009252			-0,501699048
A_23_P257936	NM_001586	TEX28	testis expressed 28	ENST00000361930	-0,501725767
A_23_P114713	NM_000779	CYP4B1	cytochrome P450, family 4, subfamily B, polypeptide 1	ENST00000371923	-0,501726779
A_24_P12626	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000451122	-0,50183862
A_33_P3418120	NM_022755	IPPK	inositol 1,3,4,5,6-pentakisphosphate 2-kinase	ENST00000287996	-0,50186303
A_23_P89902	NM_005619	RTN2	reticulon 2	ENST00000245923	-0,501915961
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,502068929
A_24_P413126	NM_020182	PMEPA1	prostate transmembrane protein, androgen induced 1	ENST00000265626	-0,502160384
A_24_P387609	NM_030940	ISCA1	iron-sulfur cluster assembly 1 homolog (<i>S. cerevisiae</i>)	ENST00000375991	-0,50220523
A_33_P3399090	NM_001037954	DIXDC1	DIX domain containing 1	ENST00000440460	-0,502452878
A_21_P0009723	TCONS_00027056	XLOC_013099			-0,502526828
A_33_P3594654	NM_024121	TMEM185B	transmembrane protein 185B		-0,50253631
A_23_P342000	NM_144770	RBM11	RNA binding motif protein 11	ENST00000468643	-0,502572053
A_21_P0000121	NM_001195076	C19orf81	chromosome 19 open reading frame 81	ENST00000490451	-0,502589357
A_23_P110569	NM_018700	TRIM36	tripartite motif containing 36	ENST00000282369	-0,502688139
A_23_P139722	NM_001065	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	ENST00000504738	-0,502946262
A_33_P3486059	AV653872	C1orf195	chromosome 1 open reading frame 195		-0,503094705
A_24_P354724	NM_054114	TAGAP	T-cell activation RhoGTPase activating protein	ENST00000326965	-0,503159873
A_23_P201079	NM_012231	PRDM2	PR domain containing 2, with ZNF domain	ENST00000235372	-0,503264053
A_24_P120537	NM_152550	SH3RF2	SH3 domain containing ring finger 2	ENST00000511705	-0,503310286
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,503441445
A_21_P0014732	ENST00000422968	LOC100508939		ENST00000422968	-0,503517625
A_23_P11800	NM_018584	CAMK2N1	calcium/calmodulin-dependent protein kinase II inhibitor 1	ENST00000375078	-0,503580387
A_33_P3361152	NR_024452	LOC100134259	uncharacterized LOC100134259	ENST00000468141	-0,5037123
A_23_P413862	NM_020869	DCDC5	doublecortin domain containing 5	ENST00000303697	-0,503753605
A_23_P416774	NM_016929	CLIC5	chloride intracellular channel 5	ENST00000185206	-0,503754638
A_23_P60387	NM_017617	NOTCH1	notch 1	ENST00000277541	-0,504067403

A_24_P475814	NM_025136	OPA3	optic atrophy 3 (autosomal recessive, with chorea and spas	ENST00000263275	-0,504110883
A_24_P258846	NM_172390	NFATC1	nuclear factor of activated T-cells, cytoplasmic, calcineurin-	ENST00000542384	-0,504172024
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,504177481
A_23_P206324	NM_031463	HSDL1	hydroxysteroid dehydrogenase like 1	ENST00000219439	-0,504212573
A_24_P583040	ENST00000397861	C17orf67	chromosome 17 open reading frame 67	ENST00000397861	-0,50424636
A_24_P143171	NM_031442	TMEM47	transmembrane protein 47	ENST00000275954	-0,504294125
A_23_P90804	NM_145686	MAP4K4	mitogen-activated protein kinase kinase kinase kinase 4	ENST00000414004	-0,504360906
A_24_P271014	NM_001042388	PPP4R1	protein phosphatase 4, regulatory subunit 1	ENST00000400556	-0,504535896
A_33_P3279539	NR_001526	TTY17A	testis-specific transcript, Y-linked 17A (non-protein coding)	ENST00000416110	-0,504598682
A_33_P3413840	NM_001205019	GK	glycerol kinase	ENST00000378945	-0,504639956
A_24_P59111	BC035912	DPP6	dipeptidyl-peptidase 6	ENST00000406326	-0,504660215
A_24_P945283	NM_021120	DLG3	discs, large homolog 3 (Drosophila)	ENST00000542398	-0,504769107
A_33_P3244026	NM_020746	MAVS	mitochondrial antiviral signaling protein		-0,504846317
A_33_P3241831	NM_005462	MAGEC1	melanoma antigen family C, 1	ENST00000370511	-0,504915231
A_23_P113793	NM_024508	ZBED2	zinc finger, BED-type containing 2	ENST00000317012	-0,505052326
A_24_P245246	NM_003559	PIP4K2B	phosphatidylinositol-5-phosphate 4-kinase, type II, beta	ENST00000269554	-0,505241671
A_24_P397255	NM_153343	ENPP6	ectonucleotide pyrophosphatase/phosphodiesterase 6	ENST00000296741	-0,505464007
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,505474832
A_33_P3345816	NM_001039966	GPGR	G protein-coupled estrogen receptor 1	ENST00000342452	-0,505487261
A_21_P0005697	TCONS_00014701	XLOC_006799			-0,505496321
A_24_P53215	NM_199242	UNC13D	unc-13 homolog D (C. elegans)	ENST00000412096	-0,505621733
A_21_P0013663	TCONS_I2_0002940:	XLOC_I2_015239			-0,50564995
A_24_P392480	NM_001012643	MYPOP	Myb-related transcription factor, partner of profilin	ENST00000322217	-0,505665272
A_23_P360542	NR_023925	LINC00470	long intergenic non-protein coding RNA 470	ENST00000412816	-0,505808986
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,505900498
A_23_P70060	NM_176895	PPAP2A	phosphatidic acid phosphatase type 2A	ENST00000307259	-0,505940323
A_32_P358115	NR_036490	LOC284648	uncharacterized LOC284648		-0,506184551
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,506307252
A_23_P155057	NM_013385	CYTH4	cytohesin 4	ENST00000462927	-0,506375848

A_23_P50775	NM_024509	LRFN3	leucine rich repeat and fibronectin type III domain containir	ENST00000246529	-0,506405902
A_33_P3364801	XM_379325	LOC401180	uncharacterized LOC401180		-0,506439853
A_33_P3381771	NM_024052	C17orf39	chromosome 17 open reading frame 39	ENST00000268719	-0,506471117
A_24_P284324	NM_017728	TMEM104	transmembrane protein 104	ENST00000417024	-0,50650619
A_24_P402415	NM_153262	SYT14	synaptotagmin XIV	ENST00000367019	-0,506570617
A_23_P75800	NM_013401	RAB3IL1	RAB3A interacting protein (rabin3)-like 1	ENST00000394836	-0,50662985
A_23_P144096	NM_145071	CISH	cytokine inducible SH2-containing protein	ENST00000348721	-0,506674115
A_32_P174365	NM_015265	SATB2	SATB homeobox 2	ENST00000260926	-0,507006952
A_33_P3376321	NM_020477	ANK1	ankyrin 1, erythrocytic	ENST00000358820	-0,507231807
A_21_P0002289	TCONS_00003850	XLOC_001656			-0,507394579
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,507425539
A_23_P207742	NM_003250	THRA	thyroid hormone receptor, alpha	ENST00000394121	-0,507442706
A_21_P0013409	ENST00000492054	XLOC_l2_013648		ENST00000492054	-0,507522111
A_23_P205489	NM_182728	SLC7A8	solute carrier family 7 (amino acid transporter light chain, L	ENST00000334354	-0,507931206
A_23_P118536	NM_018042	SLFN12	schlafen family member 12	ENST00000479326	-0,508333315
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,508427305
A_33_P3406196	NM_002262	KLRD1	killer cell lectin-like receptor subfamily D, member 1	ENST00000344825	-0,508601648
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129	-0,508682526
A_23_P425587	NM_001001683	MED11	mediator complex subunit 11	ENST00000293777	-0,508702316
A_23_P15375	NM_024585	ARMC7	armadillo repeat containing 7	ENST00000245543	-0,50880645
A_24_P120115	NM_003879	CFLAR	CASP8 and FADD-like apoptosis regulator	ENST00000340870	-0,508833565
A_24_P334718	NM_181791	GPR141	G protein-coupled receptor 141	ENST00000334425	-0,508845155
A_23_P11800	NM_018584	CAMK2N1	calcium/calmodulin-dependent protein kinase II inhibitor 1	ENST00000375078	-0,508883787
A_33_P3312182	NM_153256	C10orf47	chromosome 10 open reading frame 47	ENST00000379208	-0,508901687
A_21_P0007734	TCONS_00020861	XLOC_010144			-0,508989233
A_23_P151150	NM_202002	FOXM1	forkhead box M1	ENST00000359843	-0,509054628
A_21_P0007351	ENST00000530941	XLOC_009436		ENST00000530941	-0,50912663
A_33_P3382380	NM_020131	UBQLN4	ubiquilin 4	ENST00000368307	-0,509146831
A_24_P85243	ENST00000360669	FAM153A	family with sequence similarity 153, member A	ENST00000360669	-0,509252611

A_21_P0008486	ENST00000502187	XLOC_011117		ENST00000502187	-0,509269763
A_24_P304154	NM_001025390	AMPD3	adenosine monophosphate deaminase 3	ENST00000396553	-0,509271306
A_21_P0006675	ENST00000442526	XLOC_008467		ENST00000442526	-0,509353182
A_33_P3214105	NM_001674	ATF3	activating transcription factor 3	ENST00000366981	-0,509575158
A_24_P210637	NM_130468	CHST14	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase	ENST00000306243	-0,509652439
A_21_P0008525	TCONS_00023051	XLOC_010932			-0,509695579
A_23_P102508	NM_021095	SLC5A6	solute carrier family 5 (sodium-dependent vitamin transpor	ENST00000488743	-0,509773312
A_21_P0006669	ENST00000434552	XLOC_008447		ENST00000434552	-0,509807921
A_24_P330773	NM_005831	CALCOCO2	calcium binding and coiled-coil domain 2	ENST00000258947	-0,509869573
A_23_P170857	NM_002182	IL1RAP	interleukin 1 receptor accessory protein	ENST00000447382	-0,509894727
A_21_P0014246	ENST00000443016	LOC100507213		ENST00000443016	-0,509970629
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,509986171
A_23_P70213	NM_000038	APC	adenomatous polyposis coli	ENST00000508376	-0,509987695
A_21_P0008593	TCONS_00023310	XLOC_011179			-0,510001923
A_33_P3275233	AK093561	LOC100131792	uncharacterized LOC100131792		-0,510015329
A_23_P149496	NM_018053	XKR8	XK, Kell blood group complex subunit-related family, memb	ENST00000373884	-0,51001995
A_24_P79241	NM_014948	UBOX5	U-box domain containing 5	ENST00000217173	-0,510364234
A_24_P288298	NM_002255	KIR2DL4	killer cell immunoglobulin-like receptor, two domains, long	ENST00000396293	-0,510541596
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,510659508
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,510661789
A_33_P3367596	NM_001830	CLCN4	chloride channel 4	ENST00000380829	-0,510799883
A_23_P169887	NM_001521	GTF3C2	general transcription factor IIIC, polypeptide 2, beta 110kDa	ENST00000264720	-0,510812769
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,510949278
A_24_P129277	NM_006092	NOD1	nucleotide-binding oligomerization domain containing 1	ENST00000467706	-0,511000583
A_33_P3405068	NM_020443	NAV1	neuron navigator 1	ENST00000367301	-0,51102945
A_21_P0000071	NM_153033	KCTD7	potassium channel tetramerisation domain containing 7		-0,511037567
A_24_P125561	NM_014441	SIGLEC9	sialic acid binding Ig-like lectin 9	ENST00000440804	-0,511096028
A_23_P117298	NM_000131	F7	coagulation factor VII (serum prothrombin conversion accel	ENST00000346342	-0,511129667
A_19_P00811940	BQ007591	XLOC_002759			-0,511228953

A_24_P322353	NM_024430	PSTPIP2	proline-serine-threonine phosphatase interacting protein 2	ENST00000495213	-0,511488062
A_33_P3378835	NM_004252	SLC9A3R1	solute carrier family 9 (sodium/hydrogen exchanger), mem1	ENST00000413388	-0,511549398
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,511660443
A_24_P376441	NM_001025247	TAF5L	TAF5-like RNA polymerase II, p300/CBP-associated factor (P	ENST00000366675	-0,511672684
A_33_P3211956	NM_005873	RGS19	regulator of G-protein signaling 19	ENST00000395042	-0,511732168
A_23_P111311	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12	ENST00000253332	-0,511905003
A_33_P3248953	NM_001164478	C5orf63	chromosome 5 open reading frame 63	ENST00000296662	-0,512098681
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,512151349
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,512360408
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,512411707
A_21_P0012386	BC042024	XLOC_l2_009811			-0,512427727
A_33_P3250851	NM_001037335	PRIC285	peroxisomal proliferator-activated receptor A interacting cc	ENST00000370082	-0,51248643
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,512499694
A_21_P0012860	NR_037889	LOC285626	uncharacterized LOC285626		-0,512511057
A_21_P0002254	TCONS_00003758	XLOC_001558			-0,512609975
A_24_P940434	AK094364	LOC439914	uncharacterized LOC439914	ENST00000316124	-0,512731096
A_33_P3571901	AL050153	DKFZP586K1520	DKFZP586K1520 protein		-0,512770766
A_24_P413988	NM_006464	TGOLN2	trans-golgi network protein 2	ENST00000377386	-0,51279817
A_23_P413303	NR_033797	DKFZP434I0714	uncharacterized protein DKFZP434I0714		-0,51284123
A_19_P00320469	NR_015375	FLJ35024	uncharacterized LOC401491		-0,512864733
A_33_P3292196	NM_032882	PNMA6A	paraneoplastic antigen like 6A	ENST00000535416	-0,512917274
A_21_P0007731	TCONS_00020858	XLOC_010141			-0,512965409
A_33_P3371954	NM_052868	IGSF8	immunoglobulin superfamily, member 8	ENST00000314485	-0,513004425
A_19_P00319963	ENST00000455005	XLOC_005297		ENST00000455005	-0,513027423
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,513192617
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,513506365
A_23_P167599	NM_001034850	FAM134B	family with sequence similarity 134, member B	ENST00000306320	-0,513765756
A_33_P3335725	NM_000208	INSR	insulin receptor	ENST00000302850	-0,513784687
A_23_P43107	NM_030788	TM7SF4	transmembrane 7 superfamily member 4	ENST00000297581	-0,513861804

A_23_P382045	NM_020245	TULP4	tubby like protein 4	ENST00000367097	-0,51390121
A_33_P3355230	NM_002287	LAIR1	leukocyte-associated immunoglobulin-like receptor 1	ENST00000313038	-0,513964239
A_33_P3277361	NM_001199770	OTX1	orthodenticle homeobox 1	ENST00000405984	-0,513992507
A_23_P115683	NM_024747	HPS6	Hermansky-Pudlak syndrome 6	ENST00000299238	-0,514047673
A_32_P135348	NM_033394	TANC1	tetratricopeptide repeat, ankyrin repeat and coiled-coil con	ENST00000454300	-0,514095078
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,514147067
A_23_P147025	NM_004794	RAB33A	RAB33A, member RAS oncogene family	ENST00000257017	-0,51444883
A_24_P942321	NM_018027	FRMD4A	FERM domain containing 4A	ENST00000357447	-0,514504783
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,514669188
A_33_P3532659	NR_033901	LOC285441	uncharacterized LOC285441		-0,514750046
A_24_P294842	NM_000332	ATXN1	ataxin 1	ENST00000450222	-0,514849835
A_21_P0001611	TCONS_00001776	XLOC_001162			-0,515002166
A_23_P155052	NM_030641	APOL6	apolipoprotein L, 6	ENST00000409652	-0,515024051
A_32_P32254	NM_001848	COL6A1	collagen, type VI, alpha 1	ENST00000538397	-0,515027108
A_33_P3319953	ENST00000373341	ATRX	alpha thalassemia/mental retardation syndrome X-linked	ENST00000373341	-0,515028992
A_32_P152204	NM_001085479	IQCF3	IQ motif containing F3	ENST00000456080	-0,515038227
A_33_P3404814	NM_020988	GNAO1	guanine nucleotide binding protein (G protein), alpha activa	ENST00000262493	-0,515064185
A_33_P3408702	ENST00000504117	KIAA0825	KIAA0825	ENST00000504117	-0,515084236
A_21_P0004315	TCONS_00010141	XLOC_004606			-0,515121032
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	-0,51534846
A_23_P420196	NM_003745	SOCS1	suppressor of cytokine signaling 1	ENST00000332029	-0,515471656
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,515483622
A_21_P0007426	THC2659036	XLOC_009037			-0,515529731
A_19_P00319630	XR_110300	LOC100506965	uncharacterized LOC100506965		-0,515628754
A_33_P3725227	NM_015198	COBL	cordons-bleu homolog (mouse)	ENST00000462395	-0,515757192
A_23_P113777	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)	ENST00000376162	-0,515770031
A_21_P0012827	ENST00000503577	XLOC_I2_011531		ENST00000503577	-0,515894491
A_23_P30363	NM_004199	P4HA2	prolyl 4-hydroxylase, alpha polypeptide II	ENST00000379104	-0,515904085
A_23_P1029	NM_017459	MFAP2	microfibrillar-associated protein 2	ENST00000438542	-0,51601933

A_33_P3401701	NM_001957	EDNRA	endothelin receptor type A	ENST00000394047	-0,516031093
A_23_P100292	AK024487	ZNF598	zinc finger protein 598		-0,516038814
A_23_P114353	NM_032946	NXF5	nuclear RNA export factor 5	ENST00000263032	-0,516065174
A_21_P0009753	THC2527567	XLOC_013282			-0,516085523
A_33_P3350728	NM_014808	FARP2	FERM, RhoGEF and pleckstrin domain protein 2	ENST00000373287	-0,516128024
A_21_P0005852	ENST00000421742	PPP1R42	protein phosphatase 1, regulatory subunit 42	ENST00000421742	-0,516156965
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,516204642
A_33_P3210343	NM_001987	ETV6	ets variant 6		-0,516239027
A_24_P362317	NM_001111	ADAR	adenosine deaminase, RNA-specific	ENST00000368474	-0,516293189
A_21_P0000185	NM_001242804	LOC100505549	uncharacterized LOC100505549		-0,51640805
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,516530148
A_33_P3269159	ENST00000376196	NALCN	sodium leak channel, non-selective	ENST00000376196	-0,516535385
A_24_P117177	NM_152897	SNX21	sorting nexin family member 21	ENST00000486336	-0,51665039
A_33_P3365437	NM_020204	LHX9	LIM homeobox 9	ENST00000367391	-0,51680581
A_23_P332326	NM_153213	ARHGEF19	Rho guanine nucleotide exchange factor (GEF) 19	ENST00000270747	-0,516810857
A_23_P68155	NM_022168	IFIH1	interferon induced with helicase C domain 1	ENST00000543192	-0,516829568
A_33_P3343845	NM_175709	CBX7	chromobox homolog 7	ENST00000490741	-0,516847916
A_33_P3297050	NM_033087	ALG2	asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase	ENST00000238477	-0,516874666
A_23_P120863	NM_004861	GAL3ST1	galactose-3-O-sulfotransferase 1	ENST00000406361	-0,516931514
A_21_P0009370	TCONS_00025784	XLOC_012592			-0,517200372
A_24_P49106	NM_152278	TCEAL7	transcription elongation factor A (SII)-like 7	ENST00000372666	-0,51726884
A_33_P3384108	NM_194255	SLC19A1	solute carrier family 19 (folate transporter), member 1	ENST00000311124	-0,51751185
A_23_P251836	NM_006174	NPY5R	neuropeptide Y receptor Y5	ENST00000506953	-0,517523503
A_24_P371281	NM_025246	TMEM22	transmembrane protein 22	ENST00000393079	-0,517604335
A_21_P0012789	ENST00000509983	XLOC_l2_011227		ENST00000509983	-0,517692225
A_33_P3237005	NR_002438	ZFAT-AS1	ZFAT antisense RNA 1 (non-protein coding)	ENST00000505776	-0,51784704
A_21_P0000156	NM_001204760	TLL1	tolloid-like 1	ENST00000513213	-0,517915366
A_33_P3368830	NM_001033667	LY9	lymphocyte antigen 9	ENST00000368039	-0,518015234
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,518049616

A_21_P0009255	TCONS_00025429	XLOC_012244				-0,518066865
A_33_P3332414	NM_000927	ABCB1	ATP-binding cassette, sub-family B (MDR/TAP), member 1	ENST00000394661		-0,518090993
A_33_P3259042	NM_001146313	MYOCD	myocardin	ENST00000395988		-0,518184148
A_33_P3412900	NM_001039771	CBLN3	cerebellin 3 precursor	ENST00000267406		-0,518272198
A_21_P0012036	ENST00000419243	XLOC_I2_007706		ENST00000419243		-0,518623853
A_23_P107051	NM_003673	TCAP	titin-cap (telethonin)	ENST00000309889		-0,518812516
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176		-0,518822411
A_21_P0002253	BC036617	XLOC_001558				-0,519039631
A_24_P170439	NR_027256	TREML3	triggering receptor expressed on myeloid cells-like 3			-0,519218405
A_23_P69109	NM_021105	PLSCR1	phospholipid scramblase 1	ENST00000448205		-0,519255414
A_23_P85703	NM_005686	SOX13	SRY (sex determining region Y)-box 13	ENST00000367204		-0,519263032
A_23_P143935	NM_025163	PIGZ	phosphatidylinositol glycan anchor biosynthesis, class Z	ENST00000412723		-0,519410422
A_21_P0003518	ENST00000514347	XLOC_004102		ENST00000514347		-0,519557645
A_23_P112531	NM_001035254	FAM102A	family with sequence similarity 102, member A	ENST00000300434		-0,519615724
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938		-0,519669799
A_23_P41487	NM_015130	TBC1D9	TBC1 domain family, member 9 (with GRAM domain)	ENST00000442267		-0,519695332
A_19_P00320842	NM_001113434	C17orf51	chromosome 17 open reading frame 51	ENST00000391411		-0,519708157
A_33_P3318671	NM_007260	LYPLA2	lysophospholipase II	ENST00000374506		-0,519714485
A_24_P945113	NM_000020	ACVRL1	activin A receptor type II-like 1	ENST00000550683		-0,519787016
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626		-0,520033264
A_23_P748	NM_006147	IRF6	interferon regulatory factor 6	ENST00000542854		-0,520065126
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938		-0,520089326
A_21_P0003928	ENST00000502934	XLOC_004470		ENST00000502934		-0,520174341
A_33_P3359157	NM_006589	FAM189B	family with sequence similarity 189, member B	ENST00000323361		-0,520275478
A_33_P3379726	NM_013301	CCDC106	coiled-coil domain containing 106	ENST00000308964		-0,520298739
A_21_P0006162	DB077982	XLOC_007428				-0,520319465
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307		-0,520333911
A_21_P0007150	ENST00000447864	XLOC_009338		ENST00000447864		-0,520441543
A_21_P0004220	TCONS_00009860	XLOC_004273				-0,520531892

A_21_P0010106	TCONS_00028608	XLOC_013643				-0,52056048
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932		-0,520686233
A_23_P163458	NM_139265	EHD4	EH-domain containing 4	ENST00000220325		-0,520743412
A_23_P100292	AK024487	ZNF598	zinc finger protein 598			-0,520748851
A_33_P3225562	NR_040249	CYP2G1P	cytochrome P450, family 2, subfamily G, polypeptide 1 pseu	ENST00000252909		-0,520969466
A_23_P38784	NM_014385	SIGLEC7	sialic acid binding Ig-like lectin 7	ENST00000317643		-0,521112085
A_23_P153853	NM_001398	ECH1	enoyl CoA hydratase 1, peroxisomal	ENST00000221418		-0,521171721
A_21_P0000052	NM_001164554	DISC1	disrupted in schizophrenia 1	ENST00000468399		-0,521199752
A_23_P79231	NM_134442	CREB1	cAMP responsive element binding protein 1	ENST00000432329		-0,521244492
A_24_P140608	NM_001945	HBEGF	heparin-binding EGF-like growth factor	ENST00000507104		-0,521334649
A_33_P3729375	AK093857	LOC285181	uncharacterized LOC285181			-0,521338002
A_24_P214598	NM_152542	PPM1K	protein phosphatase, Mg2+/Mn2+ dependent, 1K	ENST00000506423		-0,521455146
A_21_P0003964	ENST00000500616	XLOC_004280		ENST00000500616		-0,521503293
A_21_P0013980	XM_003119104	LOC100287188	family with sequence similarity 104, member B pseudogene			-0,521530397
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176		-0,521537899
A_19_P00805702	NM_020156	C1GALT1	core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta	ENST00000436587		-0,521606418
A_24_P227091	NM_004523	KIF11	kinesin family member 11	ENST00000260731		-0,521617839
A_23_P37910	NM_002746	MAPK3	mitogen-activated protein kinase 3	ENST00000395202		-0,521624218
A_32_P184488	NM_198850	PHLDB3	pleckstrin homology-like domain, family B, member 3	ENST00000292140		-0,521701304
A_33_P3233070	XM_003118688	LOC100505564	uncharacterized LOC100505564			-0,521855741
A_33_P3329344	NM_004104	FASN	fatty acid synthase	ENST00000306749		-0,521896641
A_21_P0003419	BC040914	XLOC_003738				-0,521933303
A_21_P0003861	NR_038838	LOC100506122	uncharacterized LOC100506122	ENST00000503929		-0,522059702
A_24_P399630	NM_002730	PRKACA	protein kinase, cAMP-dependent, catalytic, alpha	ENST00000308677		-0,522109043
A_33_P3228305	NM_015071	ARHGAP26	Rho GTPase activating protein 26	ENST00000378004		-0,522168703
A_33_P3422471	XM_003403636	LOC100506255	uncharacterized protein LOC100506255			-0,522188951
A_23_P338890	NM_002827	PTPN1	protein tyrosine phosphatase, non-receptor type 1	ENST00000371621		-0,522197177
A_21_P0001222	ENST00000441790	XLOC_001208		ENST00000441790		-0,522355555
A_23_P339773	NM_182752	TPRG1L	tumor protein p63 regulated 1-like	ENST00000378344		-0,522395071

A_23_P156824	NM_000863	HTR1B	5-hydroxytryptamine (serotonin) receptor 1B	ENST00000369947	-0,522430706
A_21_P0002037	ENST00000446073	XLOC_002037		ENST00000446073	-0,52251542
A_33_P3362831	NM_003281	TNNI1	troponin I type 1 (skeletal, slow)	ENST00000358712	-0,522525923
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,52254025
A_32_P79483	NR_036487	LOC283481	uncharacterized LOC283481		-0,52262288
A_19_P00317878	XR_132670	LOC100652730	uncharacterized LOC100652730	ENST00000412500	-0,52272022
A_23_P26771	NM_006678	CD300C	CD300c molecule	ENST00000330793	-0,52300375
A_33_P3268783	NM_133463	AMZ1	archaelysin family metallopeptidase 1	ENST00000312371	-0,523009588
A_23_P85716	NM_021642	FCGR2A	Fc fragment of IgG, low affinity IIa, receptor (CD32)	ENST00000471026	-0,523124626
A_21_P0009020	TCONS_00024611	XLOC_011900			-0,523237344
A_23_P3532	NM_004862	LITAF	lipopolysaccharide-induced TNF factor	ENST00000381810	-0,523389462
A_23_P77545	NM_001053	SSTR5	somatostatin receptor 5	ENST00000539762	-0,523467426
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,523583844
A_21_P0006902	AK023036	LINC00263	long intergenic non-protein coding RNA 263		-0,523815745
A_21_P0004914	TCONS_00011908	XLOC_005409			-0,523827119
A_21_P0009978	TCONS_00028230	XLOC_013574			-0,524082991
A_21_P0004442	THC2786259	XLOC_004989			-0,524116562
A_33_P3344156	NM_001105572	PLA2G2C	phospholipase A2, group IIC	ENST00000247992	-0,524194426
A_23_P305198	NM_003151	STAT4	signal transducer and activator of transcription 4	ENST00000450994	-0,524596641
A_21_P0010849	AK098032	XLOC_I2_001810			-0,524627619
A_24_P383609	NM_199461	NANOS1	nanos homolog 1 (Drosophila)	ENST00000340087	-0,524663669
A_23_P258093	NM_006411	AGPAT1	1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosph	ENST00000395499	-0,524752433
A_33_P3228450	NM_001136007	FXYD3	FXYD domain containing ion transport regulator 3	ENST00000435734	-0,524835741
A_23_P16834	NM_022823	FNDC4	fibronectin type III domain containing 4	ENST00000491414	-0,524837713
A_33_P3331366	NM_005082	TRIM25	tripartite motif containing 25	ENST00000316881	-0,524870467
A_21_P0007052	NR_026794	LOC731789	uncharacterized LOC731789		-0,524887629
A_23_P217379	NM_033641	COL4A6	collagen, type IV, alpha 6	ENST00000394872	-0,524999118
A_24_P305933	NM_020698	TMCC3	transmembrane and coiled-coil domain family 3	ENST00000261226	-0,525072935
A_23_P100292	AK024487	ZNF598	zinc finger protein 598		-0,525098414

A_23_P119377	NM_004228	CYTH2	cytohesin 2	ENST00000474049	-0,525105188
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,52524142
A_21_P0014346	XR_109386	LOC100505899	uncharacterized LOC100505899		-0,525359627
A_32_P148710	NM_005507	CFL1	cofilin 1 (non-muscle)	ENST00000308162	-0,525375508
A_23_P100292	AK024487	ZNF598	zinc finger protein 598		-0,52550176
A_33_P3632866	NM_153710	C9orf96	chromosome 9 open reading frame 96	ENST00000371957	-0,525577807
A_23_P100386	NM_152456	IL34	interleukin 34	ENST00000429149	-0,525587069
A_33_P3397443	NM_182687	PKMYT1	protein kinase, membrane associated tyrosine/threonine 1	ENST00000402679	-0,525641436
A_21_P0008987	TCONS_00024494	XLOC_011814			-0,525700727
A_33_P3367332	NM_001195736	C1orf93	chromosome 1 open reading frame 93	ENST00000378425	-0,525816147
A_23_P160720	NM_018664	BATF3	basic leucine zipper transcription factor, ATF-like 3	ENST00000478275	-0,526020477
A_24_P228717	NM_002872	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP-binding protein)	ENST00000441619	-0,526090481
A_23_P100292	AK024487	ZNF598	zinc finger protein 598		-0,526136213
A_19_P00811440	TCONS_00004564	XLOC_002473			-0,526184234
A_24_P319923	NM_053025	MYLK	myosin light chain kinase	ENST00000418370	-0,526289613
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,52645636
A_23_P502553	NM_171982	TRIM35	tripartite motif containing 35	ENST00000380544	-0,526514186
A_23_P103099	NM_001031695	RBFOX2	RNA binding protein, fox-1 homolog (C. elegans) 2	ENST00000438146	-0,526546738
A_33_P3245908	NM_001010863	C10orf128	chromosome 10 open reading frame 128	ENST00000453436	-0,526549632
A_33_P3388958	NM_152760	SNX32	sorting nexin 32	ENST00000308342	-0,52661432
A_21_P0012393	TCONS_I2_0001885	XLOC_I2_009883			-0,526616972
A_21_P0009473	TCONS_00026325	XLOC_012662			-0,526665119
A_21_P0011348	NR_040057	LOC283683	uncharacterized LOC283683		-0,526783652
A_23_P18824	NM_006999	PAPD7	PAP associated domain containing 7	ENST00000230859	-0,526804671
A_33_P3383326	NM_057159	LPAR1	lysophosphatidic acid receptor 1	ENST00000374430	-0,526835659
A_24_P220454	NM_181552	CUX1	cut-like homeobox 1	ENST00000360264	-0,526857407
A_24_P18270	NM_145314	UCMA	upper zone of growth plate and cartilage matrix associated	ENST00000378681	-0,526897212
A_21_P0011316	TCONS_I2_0000858	XLOC_I2_004631			-0,527037026
A_33_P3301782	NR_024284	ZEB1-AS1	ZEB1 antisense RNA 1 (non-protein coding)		-0,527225777

A_33_P3265222	NM_020775	KIAA1324	KIAA1324	ENST00000529753	-0,527245323
A_24_P170726	AK094407	LOC645427	uncharacterized LOC645427		-0,52729096
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,527403091
A_21_P0006746	ENST00000450106	XLOC_008777		ENST00000450106	-0,527514466
A_24_P162244	ENST00000303521	SCAPER	S-phase cyclin A-associated protein in the ER	ENST00000303521	-0,527667943
A_21_P0006888	TCONS_00018256	XLOC_008538			-0,527711341
A_23_P1473	NM_005041	PRF1	perforin 1 (pore forming protein)	ENST00000441259	-0,527816192
A_33_P3252834	NM_012396	PHLDA3	pleckstrin homology-like domain, family A, member 3	ENST00000367309	-0,527884521
A_23_P111311	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12	ENST00000253332	-0,527924507
A_33_P3405966	NM_174964	ST3GAL3	ST3 beta-galactoside alpha-2,3-sialyltransferase 3	ENST00000372362	-0,527992512
A_21_P0010543	THC2538788	XLOC_l2_000343			-0,52807868
A_21_P0011303	NR_037599	LOC646278	programmed cell death 6 interacting protein pseudogene		-0,528220131
A_21_P0006079	ENST00000432148	XLOC_007722		ENST00000432148	-0,528283461
A_32_P151800	NM_207418	FAM72D	family with sequence similarity 72, member D	ENST00000341209	-0,528327787
A_33_P3653888	AF274944	LOC100128185	PNAS-19		-0,528646438
A_32_P194246	NM_015226	CLEC16A	C-type lectin domain family 16, member A	ENST00000381822	-0,528667371
A_23_P254404	NM_153271	SNX33	sorting nexin 33	ENST00000308527	-0,528803255
A_33_P3237150	NM_001200	BMP2	bone morphogenetic protein 2	ENST00000378827	-0,528883807
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,528909186
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,529045061
A_21_P0004349	TCONS_00010231	XLOC_004699			-0,529067321
A_19_P00321983	AK309717	XLOC_012826			-0,529186222
A_33_P3635527	NM_001085455	KRTAP24-1	keratin associated protein 24-1	ENST00000340345	-0,529326386
A_33_P3251876	NM_003855	IL18R1	interleukin 18 receptor 1	ENST00000410040	-0,529447119
A_21_P0008448	TCONS_00022769	XLOC_011052			-0,529577732
A_33_P3311041	AK096227	CKAP2	cytoskeleton associated protein 2		-0,529637985
A_23_P137984	NM_002966	S100A10	S100 calcium binding protein A10	ENST00000368809	-0,529755888
A_33_P3250953	NM_032826	SLC35B4	solute carrier family 35, member B4	ENST00000378509	-0,529825927
A_32_P124708	NM_004852	ONECUT2	one cut homeobox 2	ENST00000262095	-0,5298265

A_21_P0012486	THC2644633	XLOC_I2_010511				-0,529850311
A_23_P48585	NM_005407	SALL2	sal-like 2 (Drosophila)	ENST00000327430		-0,529959061
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497		-0,529961404
A_24_P128442	NM_152380	TBX15	T-box 15	ENST00000369429		-0,52998605
A_23_P420218	NM_031895	CACNG8	calcium channel, voltage-dependent, gamma subunit 8	ENST00000270458		-0,529989482
A_21_P0008045	TCONS_00021747	XLOC_010339				-0,530101155
A_23_P100292	AK024487	ZNF598	zinc finger protein 598			-0,530141885
A_33_P3402489	NM_006187	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	ENST00000228928		-0,530240521
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179		-0,530357704
A_33_P3295178	ENST00000371376	HSPB11	heat shock protein family B (small), member 11	ENST00000371376		-0,530511487
A_23_P385861	NM_152562	CDCA2	cell division cycle associated 2	ENST00000435898		-0,530540305
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932		-0,530540736
A_33_P3250680	NM_000074	CD40LG	CD40 ligand	ENST00000370629		-0,53054974
A_33_P3565787	NR_027329	KIAA1908	uncharacterized LOC114796			-0,530551443
A_23_P315571	NM_015150	RFTN1	raftlin, lipid raft linker 1	ENST00000334133		-0,530573787
A_21_P0006605	TCONS_00017645	XLOC_008317				-0,530588246
A_23_P101683	NM_001828	CLC	Charcot-Leyden crystal protein	ENST00000221804		-0,530784859
A_24_P218587	NM_004268	MED17	mediator complex subunit 17	ENST00000251871		-0,530864857
A_33_P3371999	NM_007030	TPPP	tubulin polymerization promoting protein			-0,53088283
A_24_P280029	NM_020315	PDXP	pyridoxal (pyridoxine, vitamin B6) phosphatase	ENST00000451997		-0,530973219
A_21_P0011789	TCONS_I2_0001343	XLOC_I2_007176				-0,531044649
A_33_P3295328	NM_001007033	CLEC6A	C-type lectin domain family 6, member A	ENST00000382073		-0,531166173
A_23_P100292	AK024487	ZNF598	zinc finger protein 598			-0,53119546
A_23_P60387	NM_017617	NOTCH1	notch 1	ENST00000277541		-0,531383694
A_33_P3406493	NM_005458	GABBR2	gamma-aminobutyric acid (GABA) B receptor, 2	ENST00000259455		-0,531433758
A_24_P277295	NM_198490	RAB43	RAB43, member RAS oncogene family	ENST00000315150		-0,531570239
A_24_P193295	NM_198686	RAB15	RAB15, member RAS oncogene family	ENST00000533601		-0,531636038
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219		-0,531719662
A_21_P0002458	TCONS_00004303	XLOC_002153				-0,53192556

A_21_P0014329	XR_109307	LOC100505792	uncharacterized LOC100505792		-0,532137301
A_23_P46455	NM_014280	DNAJC8	DnaJ (Hsp40) homolog, subfamily C, member 8		-0,532492976
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,532546157
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,532596321
A_23_P114883	NM_002023	FMOD	fibromodulin	ENST00000354955	-0,53274046
A_21_P0010430	TCONS_00029633	XLOC_014288			-0,532924143
A_33_P3300965	NM_153693	HOXC6	homeobox C6	ENST00000243108	-0,532928745
A_33_P3418597	NM_152237	GAS2L1	growth arrest-specific 2 like 1	ENST00000360113	-0,533170391
A_33_P3299309	NM_001136136	RPL28	ribosomal protein L28	ENST00000431533	-0,533317702
A_23_P44155	NM_198196	CD96	CD96 molecule	ENST00000283285	-0,533428823
A_23_P112531	NM_001035254	FAM102A	family with sequence similarity 102, member A	ENST00000300434	-0,533468124
A_24_P382489	NM_198580	SLC27A1	solute carrier family 27 (fatty acid transporter), member 1	ENST00000252595	-0,533616586
A_23_P68851	NM_001039570	KREMEN1	kringle containing transmembrane protein 1	ENST00000400338	-0,533845111
A_23_P114903	NM_002155	HSPA6	heat shock 70kDa protein 6 (HSP70B')	ENST00000545155	-0,533878616
A_23_P123172	NR_002157	OR2A9P	olfactory receptor, family 2, subfamily A, member 9 pseudo	ENST00000461471	-0,534013256
A_33_P3229032	NM_002975	CLEC11A	C-type lectin domain family 11, member A	ENST00000445858	-0,53422201
A_21_P0005092	ENST00000439703	XLOC_005935		ENST00000439703	-0,534327794
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,534329127
A_33_P3210139	NM_015885	PCF11	PCF11, cleavage and polyadenylation factor subunit, homol	ENST00000298281	-0,534515149
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,534522155
A_33_P3372099	NM_145244	DDIT4L	DNA-damage-inducible transcript 4-like	ENST00000273990	-0,534564683
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,53480528
A_19_P00321317	THC2509656	Q39472			-0,535055152
A_24_P234732	NM_006454	MXD4	MAX dimerization protein 4	ENST00000337190	-0,535104186
A_21_P0013790	TCONS_I2_00030329	XLOC_I2_015596			-0,53518778
A_21_P0003389	ENST00000420701	XLOC_003658		ENST00000420701	-0,535191935
A_23_P384499	NM_020761	RPTOR	regulatory associated protein of MTOR, complex 1	ENST00000306801	-0,535237028
A_19_P00800555	THC2612479	Q982T4			-0,535253827
A_23_P108437	NM_003468	FZD5	frizzled family receptor 5	ENST00000295417	-0,535349883

A_21_P0014579	XR_110373	LOC100507175	uncharacterized LOC100507175		-0,535439437
A_33_P3343412	AK096092	FLJ38773	uncharacterized protein FLJ38773		-0,535443957
A_33_P3313421	NM_017754	UHRF1BP1	UHRF1 binding protein 1	ENST00000192788	-0,535520115
A_23_P150281	NM_001076787	TP53111	tumor protein p53 inducible protein 11	ENST00000533940	-0,535532112
A_24_P117323	NM_032775	KLHL22	kelch-like 22 (Drosophila)	ENST00000440659	-0,535543668
A_23_P148446	NM_003336	UBE2A	ubiquitin-conjugating enzyme E2A	ENST00000371569	-0,535752367
A_24_P323148	NM_182573	LYPD5	LY6/PLAUR domain containing 5	ENST00000377950	-0,536001308
A_24_P393372	NM_001100913	PACS2	phosphofurin acidic cluster sorting protein 2	ENST00000447393	-0,536087232
A_33_P3354940	NM_000757	CSF1	colony stimulating factor 1 (macrophage)	ENST00000344188	-0,536102589
A_23_P129903	NM_001037330	TRIM16L	tripartite motif containing 16-like	ENST00000395902	-0,536340551
A_33_P3242743	NM_001134758	ARFRP1	ADP-ribosylation factor related protein 1	ENST00000359715	-0,536411926
A_21_P0006782	ENST00000444965	XLOC_008907		ENST00000444965	-0,536524383
A_21_P0001542	TCONS_00001576	XLOC_000911			-0,53658505
A_32_P62963	NR_029392	KRT16P2	keratin 16 pseudogene 2		-0,536642758
A_24_P13381	NM_147204	TRPV4	transient receptor potential cation channel, subfamily V, member 4	ENST00000536838	-0,536751926
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,536754639
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,536864274
A_21_P0006257	TCONS_00016279	XLOC_007654			-0,537048338
A_23_P314835	NM_178456	C20orf85	chromosome 20 open reading frame 85	ENST00000371168	-0,53709832
A_32_P111306	NR_027072	LINC00189	long intergenic non-protein coding RNA 189	ENST00000431661	-0,537178401
A_23_P215060	NM_001018111	PODXL	podocalyxin-like	ENST00000541194	-0,537180048
A_33_P3353242	NM_001540	HSPB1	heat shock 27kDa protein 1	ENST00000248553	-0,537284657
A_33_P3356525	AK127393	FLJ45482	uncharacterized LOC645566		-0,537327892
A_23_P111724	NM_138290	RUNDC3B	RUN domain containing 3B	ENST00000493037	-0,53733075
A_21_P0014580	XR_110374	LOC100507195	uncharacterized LOC100507195		-0,537414017
A_23_P502312	NM_078481	CD97	CD97 molecule	ENST00000242786	-0,537421202
A_19_P00808348	XR_132652	LOC100506694			-0,537424389
A_21_P0012423	TCONS_I2_0001907	XLOC_I2_010056			-0,537471608
A_23_P132175	NM_023004	RTN4R	reticulon 4 receptor	ENST00000043402	-0,537493392

A_32_P42574	NM_032800	C1orf198	chromosome 1 open reading frame 198	ENST00000366663	-0,537565415
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,53775367
A_33_P3400273	NM_000655	SELL	selectin L	ENST00000236147	-0,53783502
A_21_P0003642	TCONS_00008209	XLOC_003665			-0,537857851
A_21_P0008896	NR_027755	LOC283867	uncharacterized LOC283867		-0,537996003
A_23_P121716	NM_005139	ANXA3	annexin A3	ENST00000505805	-0,538119897
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,538166365
A_33_P3361337	NM_001097620	TMEM184A	transmembrane protein 184A	ENST00000468535	-0,538199333
A_24_P945096	NM_021096	CACNA1I	calcium channel, voltage-dependent, T type, alpha 1I subun	ENST00000336649	-0,538477491
A_23_P56213	NM_020895	GRAMD1A	GRAM domain containing 1A	ENST00000411896	-0,53854388
A_21_P0005352	AK024457	LOC100288594	uncharacterized LOC100288594		-0,538568433
A_24_P188800	NM_017923	Mar-01	membrane-associated ring finger (C3HC4) 1	ENST00000339875	-0,538689597
A_23_P114061	NM_001007471	TRPM3	transient receptor potential cation channel, subfamily M, m	ENST00000377110	-0,538747081
A_24_P185709	NM_012156	EPB41L1	erythrocyte membrane protein band 4.1-like 1	ENST00000344237	-0,538778326
A_33_P3238171	NM_013373	ZDHHC8	zinc finger, DHHC-type containing 8	ENST00000334554	-0,538824795
A_23_P253692	NM_001079858	GPR64	G protein-coupled receptor 64	ENST00000356606	-0,538842139
A_23_P114883	NM_002023	FMOD	fibromodulin	ENST00000354955	-0,538941398
A_23_P108437	NM_003468	FZD5	frizzled family receptor 5	ENST00000295417	-0,538963598
A_23_P54840	NM_005946	MT1A	metallothionein 1A	ENST00000290705	-0,539019139
A_23_P354805	NM_007249	KLF12	Kruppel-like factor 12	ENST00000377669	-0,539055544
A_32_P40596	NM_001204269	KCNA2	potassium voltage-gated channel, shaker-related subfamily,	ENST00000369770	-0,539130288
A_21_P0013798	TCONS_I2_0003039(XLOC_I2_015641				-0,539158675
A_21_P0004058	ENST00000509456	XLOC_004535		ENST00000509456	-0,539327813
A_33_P3285565	NM_001306	CLDN3	claudin 3	ENST00000395145	-0,539356458
A_23_P204158	NM_032814	RNFT2	ring finger protein, transmembrane 2	ENST00000547718	-0,539403773
A_32_P184279	NM_005436	CCDC6	coiled-coil domain containing 6	ENST00000263102	-0,539556147
A_24_P50028	NM_017516	RAB39	RAB39, member RAS oncogene family	ENST00000320578	-0,539603918
A_33_P3339138	NM_203400	RPRML	reprimo-like	ENST00000322329	-0,539607103
A_33_P3405500	NM_014363	SACS	spastic ataxia of Charlevoix-Saguenay (sacsin)	ENST00000382298	-0,539646033

A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,53967471
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,539941113
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,540174456
A_33_P3354451	NM_007028	TRIM31	tripartite motif containing 31	ENST00000540829	-0,540175042
A_19_P00321306	NM_020914	RNF213		ENST00000456466	-0,540206209
A_24_P12413	NM_012288	TRAM2	translocation associated membrane protein 2	ENST00000182527	-0,540274889
A_23_P139722	NM_001065	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	ENST00000504738	-0,540655547
A_23_P115726	NM_194298	SLC16A9	solute carrier family 16, member 9 (monocarboxylic acid tra	ENST00000395348	-0,540807316
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,540807947
A_21_P0011915	TCONS_I2_0001456	XLOC_I2_008013			-0,540835974
A_23_P100292	AK024487	ZNF598	zinc finger protein 598		-0,540884798
A_33_P3399051	NM_025045	BAIAP2L2	BAI1-associated protein 2-like 2	ENST00000332536	-0,540896553
A_33_P3322363	NM_001123366	HMSD	histocompatibility (minor) serpin domain containing	ENST00000408945	-0,54101567
A_23_P121695	NM_006419	CXCL13	chemokine (C-X-C motif) ligand 13	ENST00000286758	-0,541048842
A_23_P139722	NM_001065	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	ENST00000504738	-0,541154283
A_23_P11644	NM_006945	SPRR2D	small proline-rich protein 2D	ENST00000368756	-0,541172361
A_33_P3321946	NM_023948	MOSPD3	motile sperm domain containing 3	ENST00000393953	-0,541213134
A_21_P0010210	ENST00000428410	XLOC_014099		ENST00000428410	-0,541224464
A_23_P44836	NM_022908	NT5DC2	5'-nucleotidase domain containing 2	ENST00000478091	-0,541233053
A_33_P3223958	NM_016347	NAT8B	N-acetyltransferase 8B (GCN5-related, putative, gene/pseudogene)		-0,54136298
A_24_P102880	NM_020443	NAV1	neuron navigator 1	ENST00000367296	-0,541425992
A_33_P3295358	NM_139314	ANGPTL4	angiopoietin-like 4	ENST00000301455	-0,541583461
A_21_P0009194	ENST00000425510	XLOC_012505		ENST00000425510	-0,541712435
A_24_P337657	NM_003131	SRF	serum response factor (c-fos serum response element-bind	ENST00000265354	-0,541776974
A_33_P3391220	NR_037191	SULT1C2P1	sulfotransferase family, cytosolic, 1C, member 2 pseudogen	ENST00000427208	-0,541807806
A_33_P3270311	NM_020760	HECW2	HECT, C2 and WW domain containing E3 ubiquitin protein li	ENST00000260983	-0,541919106
A_33_P3794109	BC028622	LOC253805	uncharacterized LOC253805		-0,541939581
A_33_P3389153	NM_005990	STK10	serine/threonine kinase 10	ENST00000176763	-0,541988077
A_33_P3253807	NM_001806	CEBPG	CCAAT/enhancer binding protein (C/EBP), gamma	ENST00000284000	-0,542105533

A_19_P00318915	THC2570003	Q9EPR2				-0,542185209
A_23_P112173	NM_020344	SLC24A2	solute carrier family 24 (sodium/potassium/calcium exchan	ENST00000341998		-0,542224252
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497		-0,542224793
A_33_P3323564	NR_037195	LOC646324	uncharacterized LOC646324	ENST00000423530		-0,542275107
A_23_P501877	NM_018197	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000546083		-0,542332503
A_33_P3378659	NM_001003799	TARP	TCR gamma alternate reading frame protein	ENST00000443402		-0,542378959
A_23_P70213	NM_000038	APC	adenomatous polyposis coli	ENST00000508376		-0,542549441
A_33_P3402868	NM_000836	GRIN2D	glutamate receptor, ionotropic, N-methyl D-aspartate 2D	ENST00000263269		-0,542561635
A_23_P54816	NM_001694	ATP6VOC	ATPase, H+ transporting, lysosomal 16kDa, V0 subunit c	ENST00000330398		-0,542616906
A_33_P3370449	NM_152413	GOT1L1	glutamic-oxaloacetic transaminase 1-like 1	ENST00000307599		-0,542618177
A_23_P214897	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12	ENST00000490177		-0,542685711
A_32_P86739	NM_001010911	C10orf114	chromosome 10 open reading frame 114	ENST00000377113		-0,542811633
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004		-0,543090024
A_21_P0013794	THC2723961	XLOC_I2_015632				-0,54326066
A_21_P0010158	ENST00000424837	XLOC_013918		ENST00000424837		-0,543379226
A_33_P3380457	NM_022049	GPR88	G protein-coupled receptor 88	ENST00000315033		-0,543390026
A_33_P3288824	NM_080720	H2AFB3	H2A histone family, member B3			-0,543467168
A_21_P0014746	ENST00000436772	LOC100652965		ENST00000436772		-0,54358824
A_23_P13713	NM_006262	PRPH	peripherin	ENST00000530631		-0,543651248
A_23_P162766	NM_015296	DOCK9	dedicator of cytokinesis 9	ENST00000428223		-0,543680502
A_23_P81392	NM_015238	WWC1	WW and C2 domain containing 1	ENST00000518204		-0,543809083
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004		-0,543876576
A_23_P404091	NM_152407	GRPEL2	GrpE-like 2, mitochondrial (E. coli)	ENST00000507562		-0,543972935
A_23_P255876	NM_012144	DNAI1	dynein, axonemal, intermediate chain 1	ENST00000396929		-0,544003329
A_23_P100292	AK024487	ZNF598	zinc finger protein 598			-0,544012536
A_19_P00318310	TCONS_00012453	XLOC_005238				-0,54409832
A_33_P3268763	NM_031434	TMUB1	transmembrane and ubiquitin-like domain containing 1	ENST00000462940		-0,54409923
A_23_P202219	NM_015916	CALHM2	calcium homeostasis modulator 2	ENST00000260743		-0,544211148
A_33_P3226832	NM_001993	F3	coagulation factor III (thromboplastin, tissue factor)	ENST00000370207		-0,544271854

A_23_P18672	NM_020973	GBA3	glucosidase, beta, acid 3 (cytosolic)	ENST00000511446	-0,544358726
A_33_P3367392	NM_032648	FAM167B	family with sequence similarity 167, member B	ENST00000373582	-0,544393096
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,54439516
A_21_P0006069	ENST00000443359	XLOC_007653		ENST00000443359	-0,544490161
A_24_P48204	NM_003004	SECTM1	secreted and transmembrane 1	ENST00000269389	-0,544510729
A_23_P418413	NM_005109	OXSRI	oxidative-stress responsive 1	ENST00000311806	-0,544614534
A_24_P854492	NR_003491	MIAT	myocardial infarction associated transcript (non-protein coding)		-0,544628615
A_23_P203173	NM_001558	IL10RA	interleukin 10 receptor, alpha	ENST00000227752	-0,544654504
A_23_P71946	NM_017688	BSPRY	B-box and SPRY domain containing	ENST00000374183	-0,544718528
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,544740391
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,544766894
A_24_P924862	NM_213589	RAPH1	Ras association (RalGDS/AF-6) and pleckstrin homology domain	ENST00000319170	-0,544795159
A_33_P3839760	NM_017914	C19orf24	chromosome 19 open reading frame 24	ENST00000416408	-0,544841899
A_33_P3325866	BC063316	FBXL17	F-box and leucine-rich repeat protein 17		-0,544862437
A_32_P133884	NM_001004125	TUSC1	tumor suppressor candidate 1	ENST00000358022	-0,544945047
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,54501279
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,545144446
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,545144919
A_21_P0010204	ENST00000448579	XLOC_014073		ENST00000448579	-0,545190466
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,545264582
A_24_P253251	NM_003045	SLC7A1	solute carrier family 7 (cationic amino acid transporter, y+ s	ENST00000380752	-0,545413501
A_21_P0001263	TCONS_00000840	XLOC_000055			-0,545494774
A_23_P109547	NM_019008	SMCR7L	Smith-Magenis syndrome chromosome region, candidate 7	ENST00000325301	-0,545829575
A_19_P00318600	NR_034085	LOC648987	uncharacterized LOC648987		-0,545897429
A_24_P322908	NM_001145073	USP27X	ubiquitin specific peptidase 27, X-linked		-0,545905433
A_21_P0007812	TCONS_00021010	XLOC_010272			-0,546118177
A_21_P0000173	NR_045116	C5orf56	chromosome 5 open reading frame 56	ENST00000464024	-0,546123977
A_19_P00803019	XR_110300	LOC100506965	uncharacterized LOC100506965		-0,546207529
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000361441	-0,546327292

A_33_P3237250	NM_001029964	TLL13	tubulin tyrosine ligase-like family, member 13	ENST00000339615	-0,546382256
A_23_P216622	NM_001079802	FKTN	fukutin	ENST00000357998	-0,54661158
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,546656257
A_23_P845	NM_032174	TOMM40L	translocase of outer mitochondrial membrane 40 homolog	ENST00000367988	-0,546677928
A_33_P3238295	NR_026788	FAM66C	family with sequence similarity 66, member C	ENST00000544214	-0,546750382
A_33_P3227443	NM_175900	C16orf54	chromosome 16 open reading frame 54	ENST00000329410	-0,546820221
A_23_P118536	NM_018042	SLFN12	schlafen family member 12	ENST00000479326	-0,546937614
A_24_P944827	NM_006395	ATG7	ATG7 autophagy related 7 homolog (<i>S. cerevisiae</i>)	ENST00000354449	-0,547026138
A_23_P396062	NM_021168	RAB40C	RAB40C, member RAS oncogene family	ENST00000535977	-0,547128371
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,547148056
A_23_P126888	NM_017596	KIF21B	kinesin family member 21B	ENST00000332129	-0,547148736
A_33_P3388983	AK025221	C5orf56	chromosome 5 open reading frame 56	ENST00000378947	-0,547180779
A_33_P3327921	NM_012249	RHOQ	ras homolog gene family, member Q		-0,547202223
A_23_P69670	NM_018366	CNO	cappuccino homolog (mouse)	ENST00000320776	-0,54725645
A_21_P0005166	TCONS_00012732	XLOC_005737			-0,547395787
A_23_P65918	NM_002220	ITPKA	inositol-trisphosphate 3-kinase A	ENST00000260386	-0,547608372
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,547650098
A_21_P0008473	TCONS_00022824	XLOC_011096			-0,547852309
A_33_P3219245	NR_023390	LINC00476	long intergenic non-protein coding RNA 476		-0,547893084
A_21_P0010252	TCONS_00029029	XLOC_013950			-0,547897002
A_33_P3364268	NM_030915	LBH	limb bud and heart development homolog (mouse)	ENST00000467242	-0,548084753
A_33_P3305288	NM_198504	PAQR9	progesterone and adipoQ receptor family member IX	ENST00000340634	-0,548127644
A_23_P97141	NM_002922	RGS1	regulator of G-protein signaling 1	ENST00000498352	-0,548259656
A_23_P397341	NM_152341	PAQR4	progesterone and adipoQ receptor family member IV	ENST00000293978	-0,548372901
A_23_P55990	NM_003827	NAPA	N-ethylmaleimide-sensitive factor attachment protein, alpha	ENST00000263354	-0,548512595
A_24_P687594	ENST00000369308	LIX1L	Lix1 homolog (mouse)-like	ENST00000369308	-0,548714075
A_33_P3373358	NM_005497	GJC1	gap junction protein, gamma 1, 45kDa	ENST00000330514	-0,548854073
A_23_P30069	NM_001012967	DDX60L	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60-like	ENST00000511577	-0,548877047
A_19_P00319295	NM_020746	MAVS			-0,548926115

A_33_P3283460	BC066898	MIER1	mesoderm induction early response 1 homolog (Xenopus laevis)	ENST00000371012	-0,549127608
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,549196104
A_21_P0003126	TCONS_00006527	XLOC_003152			-0,549446252
A_23_P118536	NM_018042	SLFN12	schlafen family member 12	ENST00000479326	-0,549575086
A_21_P0013612	ENST00000416242	XLOC_I2_015090		ENST00000416242	-0,549626088
A_24_P223124	NM_022763	FNDC3B	fibronectin type III domain containing 3B	ENST00000336824	-0,54979326
A_23_P380181	NM_006769	LMO4	LIM domain only 4	ENST00000489303	-0,549838676
A_23_P70213	NM_000038	APC	adenomatous polyposis coli	ENST00000508376	-0,549958112
A_23_P53724	NM_014718	CLSTN3	calsyntenin 3	ENST00000266546	-0,549986359
A_19_P00805954	TCONS_00011660	XLOC_005143			-0,550437657
A_23_P139575	NM_001005354	PRR13	proline rich 13	ENST00000429243	-0,550494576
A_19_P00316238	NM_001145454	STMN1	stathmin 1	ENST00000513116	-0,550694048
A_33_P3403576	NM_001136219	FCGR2A	Fc fragment of IgG, low affinity IIa, receptor (CD32)	ENST00000271450	-0,550815667
A_23_P210425	NM_181526	MYL9	myosin, light chain 9, regulatory	ENST00000279022	-0,550884669
A_19_P00319837	NR_038919	LOC100128993	uncharacterized LOC100128993	ENST00000517949	-0,55094334
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,550953826
A_23_P307955	NM_031244	SIRT5	sirtuin 5	ENST00000379262	-0,551059497
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,551289857
A_33_P3575529	AF309699	OR5E1P	olfactory receptor, family 5, subfamily E, member 1 pseudogene		-0,551301375
A_24_P5890	NM_020535	KIR2DL5A	killer cell immunoglobulin-like receptor, two domains, long	ENST00000391731	-0,551465859
A_23_P22224	NM_004095	EIF4EBP1	eukaryotic translation initiation factor 4E binding protein 1	ENST00000338825	-0,551533363
A_33_P3228558	NM_199282	ARHGAP27	Rho GTPase activating protein 27	ENST00000376922	-0,551635578
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,551873311
A_23_P114353	NM_032946	NXF5	nuclear RNA export factor 5	ENST00000263032	-0,551892287
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,551897004
A_23_P431388	NM_144569	SPOCD1	SPOC domain containing 1	ENST00000294514	-0,552105462
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,55216888
A_33_P3402615	NM_201649	SLC6A9	solute carrier family 6 (neurotransmitter transporter, glycine)	ENST00000372310	-0,552390575
A_23_P115726	NM_194298	SLC16A9	solute carrier family 16, member 9 (monocarboxylic acid transporter)	ENST00000395348	-0,552420413

A_23_P4962	NM_153447	NLRP5	NLR family, pyrin domain containing 5	ENST00000390649	-0,552460521
A_21_P0000727	NR_038216	LOC154092	uncharacterized LOC154092	ENST00000456749	-0,552626119
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,55266721
A_33_P3412613	NM_001032283	TMPO	thymopoietin	ENST00000393053	-0,55271176
A_21_P0002653	THC2634133	XLOC_002026			-0,55282149
A_33_P3674029	NR_026823	FAM138D	family with sequence similarity 138, member D		-0,553018172
A_33_P3266285	NM_001034842	PTCHD3	patched domain containing 3	ENST00000438700	-0,553070292
A_33_P3266780	NM_015720	PODXL2	podocalyxin-like 2	ENST00000342480	-0,553112584
A_33_P3381235	NR_024470	LOC100127888	uncharacterized LOC100127888	ENST00000411824	-0,553221197
A_23_P157268	NM_012129	CLDN12	claudin 12	ENST00000535571	-0,553341428
A_32_P110472	NM_203395	IYD	iodotyrosine deiodinase	ENST00000229447	-0,553390346
A_23_P217339	NM_005044	PRKX	protein kinase, X-linked	ENST00000262848	-0,553421608
A_23_P153640	NM_032139	ANKRD27	ankyrin repeat domain 27 (VPS9 domain)	ENST00000306065	-0,553492827
A_33_P3350778	NM_198535	ZNF699	zinc finger protein 699	ENST00000308650	-0,553520414
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,553528392
A_23_P380857	NM_030643	APOL4	apolipoprotein L, 4	ENST00000479929	-0,553623927
A_33_P3369393	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000289473	-0,553707576
A_23_P11070	NM_032553	GPR174	G protein-coupled receptor 174	ENST00000276077	-0,554064235
A_33_P3285629	NM_023036	DNAI2	dynein, axonemal, intermediate chain 2	ENST00000307504	-0,554273229
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 3	ENST00000361441	-0,554281883
A_24_P152968	NM_001353	AKR1C1	aldo-keto reductase family 1, member C1 (dihydrodiol dehydrogenase)	ENST00000434459	-0,55432803
A_23_P414328	NM_145811	CACNG5	calcium channel, voltage-dependent, gamma subunit 5	ENST00000307139	-0,554417213
A_21_P0009516	TCONS_00026396	XLOC_012747			-0,554738621
A_21_P0009413	TCONS_00026155	XLOC_012568			-0,554759339
A_23_P65518	NM_016651	DACT1	dapper, antagonist of beta-catenin, homolog 1 (Xenopus laevis)	ENST00000395151	-0,554876874
A_23_P20392	NM_015310	PSD3	pleckstrin and Sec7 domain containing 3	ENST00000440756	-0,554877842
A_33_P3278941	NM_001048205	REC8	REC8 homolog (yeast)	ENST00000311457	-0,554936741
A_23_P78742	NM_001459	FLT3LG	fms-related tyrosine kinase 3 ligand	ENST00000344019	-0,554951145
A_23_P119254	NM_018154	ASF1B	ASF1 anti-silencing function 1 homolog B (S. cerevisiae)	ENST00000263382	-0,554997185

A_33_P3399228	NM_032808	LINGO1	leucine rich repeat and Ig domain containing 1	ENST00000355300	-0,555067035
A_23_P357101	NM_145298	APOBEC3F	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000308521	-0,555079142
A_33_P3329974	NM_020770	CGN	cingulin	ENST00000271636	-0,555084097
A_23_P37910	NM_002746	MAPK3	mitogen-activated protein kinase 3	ENST00000395202	-0,555659212
A_23_P304716	NM_019089	HES2	hairy and enhancer of split 2 (Drosophila)	ENST00000377834	-0,555776303
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,555800639
A_24_P279489	NM_001128159	VPS53	vacuolar protein sorting 53 homolog (S. cerevisiae)	ENST00000437048	-0,555904579
A_24_P280762	NM_030568	KHDC1	KH homology domain containing 1	ENST00000433730	-0,556322477
A_23_P76983	NM_025057	C14orf45	chromosome 14 open reading frame 45	ENST00000394009	-0,556409147
A_23_P121596	NM_002704	PPBP	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)	ENST00000296028	-0,556455625
A_33_P3256303	NM_001206609	SELPLG	selectin P ligand	ENST00000388962	-0,55645904
A_23_P162165	NM_023930	KCTD14	potassium channel tetramerisation domain containing 14	ENST00000353172	-0,556638773
A_21_P0000788	NR_038402	LOC100507387	uncharacterized LOC100507387	ENST00000513787	-0,556687633
A_23_P423197	NM_002957	RXRA	retinoid X receptor, alpha	ENST00000356384	-0,556983165
A_23_P308150	NM_152424	FAM123B	family with sequence similarity 123B	ENST00000330258	-0,556990176
A_23_P147605	NM_001003676	C11orf49	chromosome 11 open reading frame 49	ENST00000278460	-0,557007612
A_24_P144377	NM_014015	DEXI	Dexi homolog (mouse)	ENST00000331808	-0,557038949
A_21_P0005584	NR_034033	LOC285972	uncharacterized LOC285972		-0,557136809
A_21_P0010421	TCONS_00029614	XLOC_014268			-0,55721733
A_21_P0005820	ENST00000519764	XLOC_007057		ENST00000519764	-0,557410145
A_24_P48069	NM_018110	DOK4	docking protein 4	ENST00000340099	-0,557518675
A_32_P43812	NM_001040402	DCUN1D4	DCN1, defective in cullin neddylation 1, domain containing 4	ENST00000477560	-0,557658558
A_24_P354715	NM_002526	NT5E	5'-nucleotidase, ecto (CD73)	ENST00000257770	-0,557669335
A_33_P3257367	NM_015906	TRIM33	tripartite motif containing 33	ENST00000358465	-0,557742309
A_23_P126844	NM_148965	TNFRSF25	tumor necrosis factor receptor superfamily, member 25	ENST00000513135	-0,557951134
A_23_P108437	NM_003468	FZD5	frizzled family receptor 5	ENST00000295417	-0,557970444
A_23_P3911	NM_020405	PLXDC1	plexin domain containing 1	ENST00000444911	-0,558174545
A_23_P37892	NM_133443	GPT2	glutamic pyruvate transaminase (alanine aminotransferase)	ENST00000440783	-0,558181768
A_24_P927716	NR_003542	SLED1	proteoglycan 3 pseudogene	ENST00000506741	-0,558190925

A_23_P203558	NM_000518	HBB	hemoglobin, beta	ENST00000335295	-0,558285356
A_33_P3315314	NM_005951	MT1H	metallothionein 1H	ENST00000332374	-0,558603903
A_21_P0012193	NR_024027	LINC00158	long intergenic non-protein coding RNA 158		-0,558613312
A_23_P126613	NM_080429	AQP10	aquaporin 10	ENST00000484864	-0,558716363
A_23_P104762	NM_006106	YAP1	Yes-associated protein 1	ENST00000531439	-0,558807248
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,558963748
A_33_P3264404	AK098270	LOC100132593	uncharacterized LOC100132593		-0,558981337
A_32_P83049	NM_014971	EFR3B	EFR3 homolog B (<i>S. cerevisiae</i>)		-0,559095855
A_21_P0006853	ENST00000420945	XLOC_008441		ENST00000420945	-0,559143895
A_33_P3289820	NM_001134382	IQSEC1	IQ motif and Sec7 domain 1	ENST00000435445	-0,559147281
A_24_P390668	NM_005892	FMNL1	formin-like 1	ENST00000539884	-0,559149288
A_23_P8185	NM_006519	DYNLT1	dynein, light chain, Tctex-type 1	ENST00000367088	-0,559186714
A_23_P107421	NM_003258	TK1	thymidine kinase 1, soluble	ENST00000405273	-0,559334983
A_24_P23034	NM_021035	ZNFX1	zinc finger, NFX1-type containing 1	ENST00000537431	-0,559397017
A_23_P571	NM_006516	SLC2A1	solute carrier family 2 (facilitated glucose transporter), men	ENST00000426263	-0,559409654
A_23_P103877	NM_001010847	LRRC38	leucine rich repeat containing 38	ENST00000376085	-0,559478295
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,559520714
A_23_P128663	NM_014363	SACS	spastic ataxia of Charlevoix-Saguenay (sacsin)	ENST00000382298	-0,559547182
A_23_P218068	NM_019012	PLEKHA5	pleckstrin homology domain containing, family A member 5	ENST00000542828	-0,559554268
A_23_P60387	NM_017617	NOTCH1	notch 1	ENST00000277541	-0,559558526
A_23_P123172	NR_002157	OR2A9P	olfactory receptor, family 2, subfamily A, member 9 pseudo	ENST00000461471	-0,559686892
A_33_P3214035	NM_000675	ADORA2A	adenosine A2a receptor	ENST00000436735	-0,559709832
A_23_P252236	NM_000892	KLKB1	kallikrein B, plasma (Fletcher factor) 1	ENST00000511406	-0,559864425
A_21_P0012019	XR_109876	LOC100506563	uncharacterized LOC100506563	ENST00000458252	-0,560085936
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,560125549
A_33_P3227506	NM_182641	BPTF	bromodomain PHD finger transcription factor	ENST00000342579	-0,56024152
A_23_P62881	NM_032291	SGIP1	SH3-domain GRB2-like (endophilin) interacting protein 1	ENST00000435165	-0,56025605
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptid	ENST00000361441	-0,560376406
A_23_P31896	NM_003033	ST3GAL1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1	ENST00000522652	-0,560542018

A_23_P141802	NM_001040147	SERPINB7	serpin peptidase inhibitor, clade B (ovalbumin), member 7	ENST00000540675	-0,560627841
A_23_P139722	NM_001065	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	ENST00000504738	-0,560697354
A_33_P3249746	NM_001190484	CYP3A5	cytochrome P450, family 3, subfamily A, polypeptide 5	ENST00000343703	-0,560778577
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,560823409
A_23_P155688	NM_021114	SPINK2	serine peptidase inhibitor, Kazal type 2 (acrosin-trypsin inhi	ENST00000248701	-0,560858829
A_21_P0006135	TCONS_00015940	XLOC_007308			-0,561119042
A_23_P418234	NM_015020	PHLPP2	PH domain and leucine rich repeat protein phosphatase 2	ENST00000356272	-0,56142994
A_21_P0014052	XM_294675	LOC338667	uncharacterized LOC338667		-0,561568047
A_33_P3404489	NM_001177465	MAMLD1	mastermind-like domain containing 1	ENST00000358892	-0,561623887
A_21_P0014423	XR_109706	LOC100506075	uncharacterized LOC100506075		-0,56172113
A_24_P101629	NM_001078172	FAM127B	family with sequence similarity 127, member B	ENST00000522309	-0,56172498
A_32_P62863	NM_014575	SCHIP1	schwannomin interacting protein 1	ENST00000412423	-0,561880513
A_23_P91104	NM_002246	KCNK3	potassium channel, subfamily K, member 3	ENST00000538762	-0,561924308
A_33_P3221034	NM_001193628	LOC147670	uncharacterized LOC147670		-0,562015287
A_23_P102117	NM_025216	WNT10A	wingless-type MMTV integration site family, member 10A	ENST00000258411	-0,562068243
A_23_P104073	NM_002960	S100A3	S100 calcium binding protein A3	ENST00000368712	-0,562073321
A_21_P0006988	TCONS_00018492	XLOC_008792			-0,562102967
A_23_P37484	NM_014918	CHSY1	chondroitin sulfate synthase 1	ENST00000254190	-0,56217799
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000351004	-0,562312759
A_24_P8220	NM_004807	HS6ST1	heparan sulfate 6-O-sulfotransferase 1	ENST00000259241	-0,562517469
A_33_P3368049	NM_001242659	LOC643988	uncharacterized LOC643988		-0,562555579
A_23_P101319	NM_152354	ZNF285	zinc finger protein 285	ENST00000544719	-0,562687262
A_24_P373844	NM_024076	KCTD15	potassium channel tetramerisation domain containing 15	ENST00000284006	-0,562754151
A_23_P42931	NM_001080511	CLEC2L	C-type lectin domain family 2, member L	ENST00000520413	-0,562933854
A_24_P96961	NM_025106	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1	ENST00000328089	-0,563150412
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,563174853
A_24_P721699	NR_015380	A1BG-AS1	A1BG antisense RNA 1 (non-protein coding)		-0,563260903
A_23_P168339	NM_002377	MAS1	MAS1 oncogene	ENST00000252660	-0,563270668
A_21_P0001832	ENST00000442387	XLOC_001365		ENST00000442387	-0,563630998

A_33_P3279949	AK124170	LOC100128170	uncharacterized LOC100128170		-0,563744878
A_24_P261259	NM_004566	PFKFB3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	ENST00000379784	-0,563814799
A_33_P3267330	NR_003245	HAR1B	highly accelerated region 1B (non-protein coding)		-0,564038882
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,564052789
A_33_P3340264	ENST00000399397	OTOG	otogelin	ENST00000399397	-0,564086706
A_24_P350576	NM_015028	TNIK	TRAF2 and NCK interacting kinase	ENST00000369326	-0,564233281
A_23_P161218	NM_014391	ANKRD1	ankyrin repeat domain 1 (cardiac muscle)	ENST00000371697	-0,564240161
A_23_P146551	NM_024761	MOB3B	MOB kinase activator 3B	ENST00000262244	-0,564265351
A_33_P3402817	NM_001145148	CRHR1	corticotropin releasing hormone receptor 1	ENST00000339069	-0,56438893
A_33_P3367647	NM_001077706	ECT2L	epithelial cell transforming sequence 2 oncogene-like	ENST00000401414	-0,564417175
A_21_P0010528	TCONS_I2_0000027;XLOC_I2_000196				-0,564515817
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,564600958
A_33_P3327479	NM_016598	ZDHHC3	zinc finger, DHHC-type containing 3	ENST00000339420	-0,564604404
A_23_P26583	NM_032206	NLRC5	NLR family, CARD domain containing 5	ENST00000545081	-0,564665202
A_23_P335848	NM_057169	GIT2	G protein-coupled receptor kinase interacting ArfGAP 2	ENST00000361006	-0,564696042
A_23_P151209	NM_030809	CSRNP2	cysteine-serine-rich nuclear protein 2	ENST00000228515	-0,564736612
A_33_P3315223	NM_006805	HNRNPA0	heterogeneous nuclear ribonucleoprotein A0	ENST00000314940	-0,564800445
A_23_P201731	NM_004619	TRAF5	TNF receptor-associated factor 5	ENST00000336184	-0,564832954
A_33_P3221438	NM_152531	XXYLT1	xyloside xylosyltransferase 1	ENST00000310380	-0,564899204
A_23_P117582	NM_130469	JDP2	Jun dimerization protein 2	ENST00000435893	-0,564980422
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,565041034
A_33_P3420204	NM_001098482	CRTC1	CREB regulated transcription coactivator 1	ENST00000338797	-0,565042626
A_23_P435521	NM_145041	TMEM106A	transmembrane protein 106A	ENST00000331615	-0,565056179
A_23_P72737	NM_003641	IFITM1	interferon induced transmembrane protein 1 (9-27)	ENST00000452428	-0,565126001
A_23_P390726	NM_144725	TTC23L	tetratricopeptide repeat domain 23-like	ENST00000514080	-0,565297767
A_21_P0011542	TCONS_I2_0001077(XLOC_I2_005781				-0,56550454
A_21_P0013258	THC2565454	XLOC_I2_013532			-0,565820887
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,566122883
A_23_P102117	NM_025216	WNT10A	wingless-type MMTV integration site family, member 10A	ENST00000258411	-0,566293571

A_19_P00315524	NR_003491	MIAT			-0,566310036
A_23_P16166	NM_006702	PNPLA6	patatin-like phospholipase domain containing 6	ENST00000414982	-0,566410977
A_23_P142974	NM_001007231	ARHGAP25	Rho GTPase activating protein 25	ENST00000295381	-0,566701178
A_33_P3328772	NM_001190860	PLEKHA5	pleckstrin homology domain containing, family A member 5	ENST00000540972	-0,567010156
A_33_P3344282	BC038847	HS1BP3	HCLS1 binding protein 3	ENST00000406618	-0,567040844
A_24_P941441	NM_006572	GNA13	guanine nucleotide binding protein (G protein), alpha 13	ENST00000439174	-0,5670785
A_23_P3014	NM_005615	RNASE6	ribonuclease, RNase A family, k6	ENST00000304677	-0,567268816
A_21_P0003309	TCONS_00007321	XLOC_003354			-0,567269851
A_23_P112531	NM_001035254	FAM102A	family with sequence similarity 102, member A	ENST00000300434	-0,567554914
A_33_P3226420	ENST00000474872	RSAD2	radical S-adenosyl methionine domain containing 2	ENST00000474872	-0,567669276
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,567909788
A_33_P3298425	NM_006769	LMO4	LIM domain only 4	ENST00000489303	-0,568252398
A_24_P125881	NM_005137	DGCR2	DiGeorge syndrome critical region gene 2	ENST00000545799	-0,568355989
A_23_P66050	NM_033309	B3GNT9	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9		-0,568412767
A_33_P3618429	AK095793	PRKXP1	protein kinase, X-linked, pseudogene 1		-0,568419899
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,568573303
A_21_P0003448	ENST00000507932	XLOC_003890		ENST00000507932	-0,569045146
A_24_P226008	NM_007283	MGLL	monoglyceride lipase	ENST00000536024	-0,569273184
A_21_P0011220	ENST00000413501	XLOC_l2_003911		ENST00000413501	-0,569287537
A_23_P30666	NM_014452	TNFRSF21	tumor necrosis factor receptor superfamily, member 21	ENST00000419206	-0,569356644
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,56951119
A_33_P3243069	NM_001162893	KIAA0040	KIAA0040		-0,569565059
A_23_P21057	NM_052838	Sep-01	septin 1	ENST00000321367	-0,569578213
A_23_P250122	NM_020223	FAM20C	family with sequence similarity 20, member C	ENST00000313766	-0,569658101
A_21_P0001172	ENST00000450546	XLOC_000991		ENST00000450546	-0,569687719
A_23_P100292	AK024487	ZNF598	zinc finger protein 598		-0,569738878
A_23_P368195	NM_173491	LSM11	LSM11, U7 small nuclear RNA associated	ENST00000286307	-0,569792501
A_23_P44244	NM_003069	SMARCA1	SWI/SNF related, matrix associated, actin dependent regula	ENST00000371122	-0,569901904
A_24_P37264	NM_014746	RNF144A	ring finger protein 144A	ENST00000320892	-0,569918389

A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,570039295
A_23_P44505	NM_003597	KLF11	Kruppel-like factor 11	ENST00000535335	-0,570049861
A_21_P0010606	DB520278	XLOC_I2_000864			-0,57012904
A_23_P128868	NM_001013354	OR11H12	olfactory receptor, family 11, subfamily H, member 12	ENST00000550708	-0,570192474
A_23_P112531	NM_001035254	FAM102A	family with sequence similarity 102, member A	ENST00000300434	-0,570231638
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000351004	-0,57023606
A_33_P3285992	AK125618	VKORC1	vitamin K epoxide reductase complex, subunit 1	ENST00000498155	-0,570343406
A_21_P0007473	TCONS_00020154	XLOC_009604			-0,570405523
A_19_P00321692	ENST00000447453	XLOC_002142		ENST00000447453	-0,570419489
A_33_P3361891	NM_001042575	TMPRSS7	transmembrane protease, serine 7	ENST00000419127	-0,570460141
A_23_P117582	NM_130469	JDP2	Jun dimerization protein 2	ENST00000435893	-0,570610292
A_23_P91414	NM_080625	C20orf160	chromosome 20 open reading frame 160	ENST00000262659	-0,570642616
A_32_P4262	NM_015585	C20orf26	chromosome 20 open reading frame 26	ENST00000389655	-0,570703282
A_23_P111311	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12	ENST00000253332	-0,570759933
A_23_P344194	NM_001013635	C12orf68	chromosome 12 open reading frame 68	ENST00000316554	-0,570852517
A_23_P201747	NM_007365	PADI2	peptidyl arginine deiminase, type II	ENST00000375486	-0,570939318
A_23_P90419	NM_025245	PBX4	pre-B-cell leukemia homeobox 4	ENST00000251203	-0,570978817
A_23_P110430	NM_002448	MSX1	msh homeobox 1	ENST00000382723	-0,571090235
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,571121534
A_33_P3286724	NM_002663	PLD2	phospholipase D2	ENST00000263088	-0,571151552
A_24_P201171	NM_003165	STXBP1	syntaxin binding protein 1	ENST00000373299	-0,57116909
A_23_P57760	NM_152282	ACPL2	acid phosphatase-like 2	ENST00000393007	-0,571391692
A_21_P0005032	THC2666473	XLOC_005763			-0,57169639
A_32_P197489	NM_015995	KLF13	Kruppel-like factor 13	ENST00000307145	-0,572015628
A_21_P0000764	NR_038324	LOC100505768	uncharacterized LOC100505768	ENST00000452509	-0,572134635
A_24_P284523	NM_002446	MAP3K10	mitogen-activated protein kinase kinase kinase 10	ENST00000253055	-0,572332795
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypepti	ENST00000361441	-0,57272633
A_23_P415395	NM_145208	MBD3L1	methyl-CpG binding domain protein 3-like 1	ENST00000305625	-0,5727281
A_24_P63136	NM_176894	P2RY13	purinergic receptor P2Y, G-protein coupled, 13	ENST00000325602	-0,57273156

A_23_P121596	NM_002704	PPBP	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7	ENST00000296028	-0,572900045
A_33_P3423585	NM_001080534	UNC13C	unc-13 homolog C (C. elegans)	ENST00000260323	-0,572919009
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000361441	-0,572970222
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,572979705
A_21_P0009690	TCONS_00026930	XLOC_012991			-0,57303561
A_23_P11070	NM_032553	GPR174	G protein-coupled receptor 174	ENST00000276077	-0,573070575
A_23_P92499	NM_003264	TLR2	toll-like receptor 2	ENST00000260010	-0,573073352
A_23_P139722	NM_001065	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	ENST00000504738	-0,5733591
A_23_P112531	NM_001035254	FAM102A	family with sequence similarity 102, member A	ENST00000300434	-0,57356722
A_19_P00805339	AK022898	Q6UWM8			-0,573617933
A_21_P0012775	ENST00000509098	XLOC_l2_011114		ENST00000509098	-0,573647702
A_23_P501538	NM_153631	HOXA3	homeobox A3	ENST00000317201	-0,57368403
A_33_P3383236	NM_198559	C2orf62	chromosome 2 open reading frame 62	ENST00000494447	-0,573882624
A_24_P278126	NM_002485	NBN	nibrin	ENST00000396252	-0,573990594
A_23_P143016	NM_212481	ARID5A	AT rich interactive domain 5A (MRF1-like)	ENST00000412735	-0,574044898
A_24_P48587	NM_172341	PSENE1	presenilin enhancer 2 homolog (C. elegans)	ENST00000222266	-0,574118108
A_23_P90626	NM_004288	CYTIP	cytohesin 1 interacting protein	ENST00000540637	-0,574291285
A_24_P32085	NM_024761	MOB3B	MOB kinase activator 3B	ENST00000262244	-0,574307362
A_21_P0014622	XR_113294	FAM85A	family with sequence similarity 85, member A		-0,574364159
A_23_P130182	NM_004217	AURKB	aurora kinase B	ENST00000534871	-0,574375735
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,574598942
A_19_P00804072	NM_020914	RNF213		ENST00000456466	-0,574823056
A_23_P28434	NM_003761	VAMP8	vesicle-associated membrane protein 8 (endobrevin)	ENST00000263864	-0,574983948
A_33_P3232557	NM_001080418	DLGAP3	discs, large (Drosophila) homolog-associated protein 3	ENST00000373347	-0,575187423
A_33_P3540143	NM_014339	IL17RA	interleukin 17 receptor A	ENST00000319363	-0,575511706
A_21_P0014553	XR_110283	LOC100506303	uncharacterized LOC100506303		-0,575598229
A_19_P00805548	NM_004329	BMPRI1A	bone morphogenetic protein receptor, type IA	ENST00000224764	-0,575623985
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,575866217
A_23_P112531	NM_001035254	FAM102A	family with sequence similarity 102, member A	ENST00000300434	-0,576290377

A_23_P42116	NM_005155	PPT2	palmitoyl-protein thioesterase 2	ENST00000547508	-0,576585186
A_33_P3344618	NM_007162	TFEB	transcription factor EB	ENST00000373033	-0,576909895
A_33_P3283552	NR_038890	LOC100132781	cyclin Y-like 1 pseudogene		-0,576977998
A_23_P108437	NM_003468	FZD5	frizzled family receptor 5	ENST00000295417	-0,576981561
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,577209547
A_23_P344408	NM_022579	CSHL1	chorionic somatomammotropin hormone-like 1	ENST00000450719	-0,577352271
A_32_P172848	NM_000167	GK	glycerol kinase	ENST00000471362	-0,577352514
A_33_P3285734	NM_001004310	FCRL6	Fc receptor-like 6	ENST00000392235	-0,577488566
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,577489198
A_21_P0011035	ENST00000537616	XLOC_I2_002886		ENST00000537616	-0,577599337
A_33_P3267467	ENST00000381985	RFX3	regulatory factor X, 3 (influences HLA class II expression)	ENST00000381985	-0,577631686
A_23_P82651	NM_002523	NPTX2	neuronal pentraxin II	ENST00000265634	-0,577745525
A_23_P319792	NM_019001	XRN1	5'-3' exoribonuclease 1	ENST00000264951	-0,577943296
A_24_P117029	NM_000527	LDLR	low density lipoprotein receptor	ENST00000252444	-0,578021292
A_23_P139722	NM_001065	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	ENST00000504738	-0,578269198
A_21_P0000556	NR_028301	LOC344595	uncharacterized LOC344595		-0,57837382
A_21_P0012892	TCONS_I2_0002280	XLOC_I2_011954			-0,57852577
A_23_P66881	NM_003835	RGS9	regulator of G-protein signaling 9	ENST00000262406	-0,57864824
A_21_P0013176	BQ441651	XLOC_I2_013293			-0,57865274
A_24_P396375	NM_001113347	ECE1	endothelin converting enzyme 1	ENST00000415912	-0,578814189
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	-0,578991367
A_23_P410110	NM_001039380	C10orf25	chromosome 10 open reading frame 25	ENST00000298298	-0,578995658
A_24_P751074	NM_005238	ETS1	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian	ENST00000392668	-0,579071172
A_23_P68487	NM_001719	BMP7	bone morphogenetic protein 7	ENST00000395863	-0,579074281
A_33_P3404706	NM_001030288	SPN	sialophorin	ENST00000360121	-0,579176085
A_23_P54636	NM_004691	ATP6V0D1	ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d1	ENST00000290949	-0,579305048
A_23_P60387	NM_017617	NOTCH1	notch 1	ENST00000277541	-0,579470948
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,579612971
A_33_P3271594	NM_032546	TRIM54	tripartite motif containing 54	ENST00000380075	-0,579656182

A_33_P3383233	NM_201535	NDRG2	NDRG family member 2	ENST00000397847	-0,579665275
A_33_P3222937	NM_017727	TMEM214	transmembrane protein 214	ENST00000404032	-0,579691177
A_23_P37910	NM_002746	MAPK3	mitogen-activated protein kinase 3	ENST00000395202	-0,579979154
A_23_P103877	NM_001010847	LRRC38	leucine rich repeat containing 38	ENST00000376085	-0,580131137
A_21_P0002582	TCONS_00003614	XLOC_001406			-0,580133862
A_21_P0009844	XR_109613	LOC100130157	uncharacterized LOC100130157	ENST00000424705	-0,580326775
A_23_P108437	NM_003468	FZD5	frizzled family receptor 5	ENST00000295417	-0,580349087
A_23_P217737	NM_000052	ATP7A	ATPase, Cu ⁺⁺ transporting, alpha polypeptide	ENST00000341514	-0,580358681
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,580640958
A_23_P26325	NM_002987	CCL17	chemokine (C-C motif) ligand 17	ENST00000219244	-0,580669965
A_33_P3270009	NM_147223	NCOA1	nuclear receptor coactivator 1	ENST00000405141	-0,58072853
A_21_P0000607	NR_033839	FLJ39051	uncharacterized LOC399972		-0,580736576
A_24_P417162	NM_005647	TBL1X	transducin (beta)-like 1X-linked	ENST00000217964	-0,580774698
A_19_P00320570	TCONS_00010154	XLOC_004620			-0,580798206
A_21_P0000558	NR_028308	LOC100302650	uncharacterized LOC100302650		-0,580803967
A_24_P294703	NM_130809	PRRC1	proline-rich coiled-coil 1	ENST00000512635	-0,581139258
A_23_P130919	NM_130807	MOB3A	MOB kinase activator 3A	ENST00000357066	-0,581157859
A_23_P207879	NM_024110	CARD14	caspase recruitment domain family, member 14	ENST00000344227	-0,58125051
A_21_P0002569	TCONS_00004684	XLOC_001329			-0,58149314
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,581895862
A_23_P8055	NM_007243	NRM	nurim (nuclear envelope membrane protein)	ENST00000376421	-0,581899881
A_33_P3209866	NM_153186	KANK1	KN motif and ankyrin repeat domains 1	ENST00000382289	-0,581918093
A_23_P140256	NM_000270	PNP	purine nucleoside phosphorylase	ENST00000554056	-0,582012298
A_23_P92499	NM_003264	TLR2	toll-like receptor 2	ENST00000260010	-0,582081839
A_23_P112531	NM_001035254	FAM102A	family with sequence similarity 102, member A	ENST00000300434	-0,582151689
A_33_P3409159	NM_015482	SLC22A23	solute carrier family 22, member 23	ENST00000406686	-0,582435753
A_23_P54488	NM_015162	ACSBG1	acyl-CoA synthetase bubblegum family member 1	ENST00000541759	-0,582558361
A_23_P11397	NR_001537	TTY13	testis-specific transcript, Y-linked 13 (non-protein coding)	ENST00000330337	-0,582683994
A_23_P131846	NM_005985	SNAI1	snail homolog 1 (Drosophila)	ENST00000244050	-0,582693597

A_23_P92499	NM_003264	TLR2	toll-like receptor 2	ENST00000260010	-0,58292135
A_23_P314070	NM_004308	ARHGAP1	Rho GTPase activating protein 1	ENST00000311956	-0,583053156
A_32_P89352	NM_080676	MACROD2	MACRO domain containing 2	ENST00000217246	-0,583084092
A_21_P0003983	ENST00000511054	XLOC_004331		ENST00000511054	-0,583121117
A_32_P219116	NM_018451	CENPJ	centromere protein J	ENST00000445729	-0,5832161
A_23_P70213	NM_000038	APC	adenomatous polyposis coli	ENST00000508376	-0,583411695
A_33_P3224745	NM_012320	PLA2G15	phospholipase A2, group XV	ENST00000219345	-0,583479915
A_21_P0002423	TCONS_00004212	XLOC_002054			-0,583514773
A_21_P0014400	XR_109612	LOC100128997	uncharacterized LOC100128997		-0,583527264
A_33_P3235611	NM_080669	SLC46A1	solute carrier family 46 (folate transporter), member 1	ENST00000440501	-0,583720791
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,583727201
A_33_P3248265	NM_002341	LTB	lymphotoxin beta (TNF superfamily, member 3)	ENST00000376117	-0,583832606
A_19_P00811460	NM_001031746	VSTM4			-0,583871562
A_24_P243741	NM_021721	ADAM22	ADAM metallopeptidase domain 22	ENST00000398201	-0,583925836
A_21_P0010863	NR_026795	LINC00202	long intergenic non-protein coding RNA 202	ENST00000431296	-0,58394612
A_23_P207766	NM_004309	ARHGDI1	Rho GDP dissociation inhibitor (GDI) alpha	ENST00000400721	-0,583978912
A_23_P157404	NM_001283	AP1S1	adaptor-related protein complex 1, sigma 1 subunit	ENST00000337619	-0,584010813
A_33_P3344477	NM_001134999	FERMT2	fermitin family member 2	ENST00000343279	-0,584019677
A_23_P46539	NM_032636	PSRC1	proline/serine-rich coiled-coil 1	ENST00000369903	-0,584111291
A_33_P3286859	NM_016529	ATP8A2	ATPase, aminophospholipid transporter, class I, type 8A, membrane	ENST00000255283	-0,584157169
A_23_P92499	NM_003264	TLR2	toll-like receptor 2	ENST00000260010	-0,584209463
A_23_P118536	NM_018042	SLFN12	schlafen family member 12	ENST00000479326	-0,584461849
A_33_P3279629	NM_033199	UCN2	urocortin 2	ENST00000273610	-0,584720705
A_24_P276490	NM_007260	LYPLA2	lysophospholipase II	ENST00000420982	-0,58479058
A_24_P62505	NM_015101	GLT25D2	glycosyltransferase 25 domain containing 2	ENST00000361927	-0,584874561
A_23_P118536	NM_018042	SLFN12	schlafen family member 12	ENST00000479326	-0,585034079
A_23_P117582	NM_130469	JDP2	Jun dimerization protein 2	ENST00000435893	-0,585156011
A_21_P0004755	ENST00000420819	XLOC_005747		ENST00000420819	-0,58526079
A_33_P3397763	NM_003811	TNFSF9	tumor necrosis factor (ligand) superfamily, member 9	ENST00000245817	-0,585631693

A_23_P503182	NM_021962	ABR	active BCR-related gene	ENST00000291107	-0,585680546
A_23_P203540	NM_012153	EHF	ets homologous factor	ENST00000257831	-0,585778937
A_32_P112279	NM_001039690	CTHF8	CTF8, chromosome transmission fidelity factor 8 homolog (	ENST00000306585	-0,585802966
A_33_P3369034	NM_001170714	BCAR1	breast cancer anti-estrogen resistance 1	ENST00000546196	-0,585993099
A_33_P3413987	NM_000062	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	ENST00000278407	-0,586414582
A_23_P254271	NM_032525	TUBB6	tubulin, beta 6 class V	ENST00000417736	-0,586571876
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,586699477
A_23_P54649	NM_003789	TRADD	TNFRSF1A-associated via death domain	ENST00000486556	-0,586807209
A_23_P362183	NM_173551	ANKS6	ankyrin repeat and sterile alpha motif domain containing 6	ENST00000540940	-0,587193971
A_23_P303423	NM_020846	SLAIN2	SLAIN motif family, member 2	ENST00000264313	-0,58749278
A_19_P00801585	THC2612479	Q982T4			-0,58750487
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,587618891
A_23_P116557	NM_009587	LGALS9	lectin, galactoside-binding, soluble, 9	ENST00000467111	-0,587723898
A_33_P3409139	NR_015409	LOC143188	uncharacterized LOC143188		-0,587748241
A_23_P111724	NM_138290	RUNDC3B	RUN domain containing 3B	ENST00000493037	-0,587846326
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,588027005
A_21_P0006726	ENST00000418372	XLOC_008700		ENST00000418372	-0,588247164
A_33_P3269803	NM_014718	CLSTN3	calsyntenin 3	ENST00000331148	-0,588263894
A_23_P62634	NM_020485	RHCE	Rh blood group, CcEe antigens	ENST00000349438	-0,588270752
A_33_P3399150	ENST00000542515	ORAOV1	oral cancer overexpressed 1	ENST00000542515	-0,588448448
A_21_P0004779	ENST00000417932	XLOC_005851		ENST00000417932	-0,588553499
A_23_P16189	NM_002739	PRKCG	protein kinase C, gamma	ENST00000540413	-0,588757954
A_23_P37702	NM_003294	TPSAB1	tryptase alpha/beta 1	ENST00000445910	-0,58882683
A_24_P376129	ENST00000374057	DFNB31	deafness, autosomal recessive 31	ENST00000374057	-0,588872365
A_23_P337800	NM_172140	IL29	interleukin 29 (interferon, lambda 1)	ENST00000333625	-0,589138551
A_23_P166248	NM_004414	RCAN1	regulator of calcineurin 1	ENST00000443408	-0,589223622
A_24_P98161	NM_194455	KRIT1	KRIT1, ankyrin repeat containing	ENST00000394507	-0,58929018
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,589304026
A_23_P100704	NM_139033	MAPK7	mitogen-activated protein kinase 7	ENST00000308406	-0,589479978

A_23_P139722	NM_001065	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	ENST00000504738	-0,589484305
A_23_P36624	NM_023919	TAS2R7	taste receptor, type 2, member 7	ENST00000240687	-0,58958769
A_19_P00316602	NR_015364	LOC441204	uncharacterized LOC441204		-0,589618262
A_23_P112531	NM_001035254	FAM102A	family with sequence similarity 102, member A	ENST00000300434	-0,589632995
A_23_P14302	NR_026779	LINC00341	long intergenic non-protein coding RNA 341		-0,589704154
A_23_P46356	NM_024575	TNFAIP8L2	tumor necrosis factor, alpha-induced protein 8-like 2	ENST00000368910	-0,589770164
A_23_P117582	NM_130469	JDP2	Jun dimerization protein 2	ENST00000435893	-0,589953325
A_24_P921366	NM_033138	CALD1	caldesmon 1	ENST00000443197	-0,590007064
A_21_P0014220	ENST00000518392	CA13	carbonic anhydrase XIII	ENST00000518392	-0,590262378
A_21_P0005421	TCONS_00013572	XLOC_006223			-0,590312321
A_24_P144784	NR_024193	HILS1	histone linker H1 domain, spermatid-specific 1	ENST00000504307	-0,590345703
A_23_P501822	NM_002230	JUP	junction plakoglobin	ENST00000393931	-0,590764695
A_33_P3217465	NM_021242	MID1IP1	MID1 interacting protein 1 (gastrulation specific G12 homol	ENST00000378474	-0,590836645
A_23_P139722	NM_001065	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	ENST00000504738	-0,590908644
A_23_P360302	NM_001522	GUCY2F	guanylate cyclase 2F, retinal	ENST00000218006	-0,590948671
A_23_P100189	NM_002761	PRM1	protamine 1	ENST00000312511	-0,590961968
A_23_P92499	NM_003264	TLR2	toll-like receptor 2	ENST00000260010	-0,591099919
A_24_P388433	NM_002718	PPP2R3A	protein phosphatase 2, regulatory subunit B'', alpha	ENST00000264977	-0,591538204
A_23_P129246	NM_025201	PLEKHO2	pleckstrin homology domain containing, family O member 2	ENST00000546008	-0,591866199
A_33_P3363560	NM_001136216	TMEM51	transmembrane protein 51	ENST00000376014	-0,591939902
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,591952602
A_23_P309973	NM_172365	PPP1R36	protein phosphatase 1, regulatory subunit 36	ENST00000467261	-0,59195604
A_23_P117582	NM_130469	JDP2	Jun dimerization protein 2	ENST00000435893	-0,59197493
A_23_P331895	NM_025250	TTYH3	tweety homolog 3 (Drosophila)	ENST00000407643	-0,591982411
A_23_P54055	NM_032876	AJUBA	ajuba LIM protein	ENST00000361265	-0,592067036
A_33_P3809497	NR_033987	FLJ37505	uncharacterized LOC400087		-0,592153192
A_23_P52373	NM_003635	NDST2	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 2	ENST00000299641	-0,592213938
A_33_P3783812	AK022255	C8orf60	chromosome 8 open reading frame 60		-0,592289727
A_23_P118741	NM_201566	SLC16A13	solute carrier family 16, member 13 (monocarboxylic acid tr	ENST00000308027	-0,592298833

A_23_P254888	NM_003461	ZYX	zyxin	ENST00000449423	-0,592369363
A_21_P0004268	TCONS_00010003	XLOC_004439			-0,592507235
A_24_P253827	NM_001030006	AP2B1	adaptor-related protein complex 2, beta 1 subunit	ENST00000312678	-0,592529326
A_21_P0011342	AK127420	LOC400464	uncharacterized LOC400464		-0,592582016
A_23_P121596	NM_002704	PPBP	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7	ENST00000296028	-0,592748515
A_23_P122116	NM_016222	DDX41	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41	ENST00000507900	-0,592832842
A_23_P42882	NM_172082	CAMK2B	calcium/calmodulin-dependent protein kinase II beta	ENST00000395747	-0,592874205
A_24_P16124	NR_001590	IFITM4P	interferon induced transmembrane protein 4 pseudogene		-0,593095613
A_23_P24332	NM_145650	MUC15	mucin 15, cell surface associated	ENST00000527569	-0,593200003
A_21_P0002730	ENST00000425195	XLOC_002603		ENST00000425195	-0,593212964
A_23_P142750	NM_002759	EIF2AK2	eukaryotic translation initiation factor 2-alpha kinase 2	ENST00000395127	-0,593416588
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,593492176
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-0,593534525
A_23_P389102	NM_015194	MYO1D	myosin ID	ENST00000318217	-0,593606699
A_21_P0006994	TCONS_00018506	XLOC_008814			-0,593644584
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,593799439
A_23_P100189	NM_002761	PRM1	protamine 1	ENST00000312511	-0,593837796
A_23_P105066	NM_001014795	ILK	integrin-linked kinase	ENST00000527394	-0,593920608
A_33_P3709173	NM_001127360	PHTF2	putative homeodomain transcription factor 2	ENST00000415251	-0,593951424
A_33_P3360917	NM_018085	IPO9	importin 9	ENST00000361565	-0,594037642
A_23_P331479	NM_133471	PPP1R18	protein phosphatase 1, regulatory subunit 18	ENST00000274853	-0,59425901
A_23_P70213	NM_000038	APC	adenomatous polyposis coli	ENST00000508376	-0,59440528
A_23_P139722	NM_001065	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	ENST00000504738	-0,594447024
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000361441	-0,594538588
A_23_P133956	NM_002263	KIFC1	kinesin family member C1	ENST00000480346	-0,594576571
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,594784011
A_23_P112531	NM_001035254	FAM102A	family with sequence similarity 102, member A	ENST00000300434	-0,594861801
A_21_P0003190	TCONS_00006708	XLOC_003327			-0,594965736
A_23_P28263	NM_021198	CTDSP1	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide	ENST00000273062	-0,595184976

A_23_P145724	NM_006658	PPP1R17	protein phosphatase 1, regulatory subunit 17	ENST00000342032	-0,595202019
A_33_P3293403	NM_001099279	FOXD4L2	forkhead box D4-like 2	ENST00000377413	-0,595521967
A_21_P0012192	TCONS_I2_0001717;XLOC_I2_009172				-0,595523829
A_23_P207106	NM_000747	CHRNB1	cholinergic receptor, nicotinic, beta 1 (muscle)	ENST00000306071	-0,595932148
A_23_P147665	NM_198474	OLFML1	olfactomedin-like 1	ENST00000329293	-0,595972792
A_21_P0014426	NR_040535	LOC100506472	uncharacterized LOC100506472		-0,596199714
A_23_P112531	NM_001035254	FAM102A	family with sequence similarity 102, member A	ENST00000300434	-0,596433025
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,596615891
A_23_P117582	NM_130469	JDP2	Jun dimerization protein 2	ENST00000435893	-0,596814424
A_23_P210538	NM_182764	ELMO2	engulfment and cell motility 2	ENST00000352077	-0,596886726
A_23_P421401	NM_002609	PDGFRB	platelet-derived growth factor receptor, beta polypeptide	ENST00000544453	-0,596943655
A_23_P37910	NM_002746	MAPK3	mitogen-activated protein kinase 3	ENST00000395202	-0,596990367
A_23_P37988	NM_152727	CPNE2	copine II	ENST00000535318	-0,597192918
A_24_P759477	NM_002214	ITGB8	integrin, beta 8		-0,597389391
A_24_P784765	NM_203330	CD59	CD59 molecule, complement regulatory protein		-0,597416452
A_33_P3378212	NM_030973	MED25	mediator complex subunit 25	ENST00000312881	-0,597461888
A_24_P245838	NM_002409	MGAT3	mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosa	ENST00000341184	-0,597511493
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,597692101
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,597757671
A_23_P12554	NM_016112	PKD2L1	polycystic kidney disease 2-like 1	ENST00000318222	-0,597980902
A_32_P526255	NM_001145717	PNPLA1	patatin-like phospholipase domain containing 1	ENST00000457797	-0,598036616
A_33_P3413741	NM_000916	OXTR	oxytocin receptor	ENST00000316793	-0,598074679
A_23_P126167	NM_002249	KCNN3	potassium intermediate/small conductance calcium-activated	ENST00000358505	-0,598076099
A_21_P0007228	TCONS_00019367	XLOC_009190			-0,598090009
A_23_P92499	NM_003264	TLR2	toll-like receptor 2	ENST00000260010	-0,598140536
A_23_P215461	NM_002314	LIMK1	LIM domain kinase 1	ENST00000336180	-0,59817566
A_23_P422193	NM_003173	SUV39H1	suppressor of variegation 3-9 homolog 1 (Drosophila)	ENST00000448548	-0,598205217
A_24_P14464	NM_006103	WFDC2	WAP four-disulfide core domain 2	ENST00000372676	-0,598254647
A_21_P0012205	TCONS_I2_0001723;XLOC_I2_009219				-0,598322388

A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,598328139
A_23_P150394	NM_022003	FXYP6	FXYP domain containing ion transport regulator 6	ENST00000526014	-0,598341263
A_23_P35343	NM_021045	ZNF248	zinc finger protein 248	ENST00000494133	-0,598553953
A_24_P404245	NM_002861	PCYT2	phosphate cytidyltransferase 2, ethanolamine	ENST00000331285	-0,598595328
A_33_P3253304	NR_026754	LOC100270710	uncharacterized LOC100270710		-0,59864784
A_23_P123172	NR_002157	OR2A9P	olfactory receptor, family 2, subfamily A, member 9 pseudo	ENST00000461471	-0,59864823
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,598780089
A_23_P103877	NM_001010847	LRRC38	leucine rich repeat containing 38	ENST00000376085	-0,599105178
A_23_P89310	NM_014964	EPN2	epsin 2	ENST00000314728	-0,599207212
A_23_P139722	NM_001065	TNFRSF1A	tumor necrosis factor receptor superfamily, member 1A	ENST00000504738	-0,599477411
A_33_P3304678	NR_015406	LOC149837	uncharacterized LOC149837		-0,599563143
A_21_P0005210	XR_110640	LOC100505904	uncharacterized LOC100505904	ENST00000447039	-0,599614036
A_23_P65386	NM_023112	OTUB2	OTU domain, ubiquitin aldehyde binding 2	ENST00000203664	-0,599716488
A_23_P114883	NM_002023	FMOD	fibromodulin	ENST00000354955	-0,599761881
A_23_P387630	NM_014725	STARD8	StAR-related lipid transfer (START) domain containing 8	ENST00000374597	-0,599916492
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	-0,600126023
A_33_P3246763	NM_001166579	AANAT	aralkylamine N-acetyltransferase	ENST00000250615	-0,600355567
A_33_P3408152	NM_021076	NEFH	neurofilament, heavy polypeptide	ENST00000328842	-0,600410956
A_33_P3333554	BX640643	ACTR3C	ARP3 actin-related protein 3 homolog C (yeast)	ENST00000478393	-0,600470448
A_21_P0004547	TCONS_00010856	XLOC_004673			-0,600496533
A_23_P105691	NM_018654	GPRC5D	G protein-coupled receptor, family C, group 5, member D	ENST00000396333	-0,600638663
A_23_P57667	NM_032242	PLXNA1	plexin A1	ENST00000251772	-0,600683518
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	-0,600942507
A_23_P92499	NM_003264	TLR2	toll-like receptor 2	ENST00000260010	-0,601077045
A_23_P73429	NM_005335	HCLS1	hematopoietic cell-specific Lyn substrate 1	ENST00000473883	-0,601079819
A_23_P34788	NM_006845	KIF2C	kinesin family member 2C	ENST00000372218	-0,601250476
A_23_P154208	NM_017567	NAGK	N-acetylglucosamine kinase	ENST00000455197	-0,601383932
A_32_P902957	NM_138450	ARL11	ADP-ribosylation factor-like 11	ENST00000282026	-0,601387418
A_24_P410797	AK125979	KALRN	kalirin, RhoGEF kinase	ENST00000393496	-0,601540852

A_33_P3295458	NR_024355	BK250D10.8	uncharacterized LOC339674		-0,601748701
A_23_P92499	NM_003264	TLR2	toll-like receptor 2	ENST00000260010	-0,601878817
A_23_P98571	NM_145017	PPP1R32	protein phosphatase 1, regulatory subunit 32	ENST00000432063	-0,602031181
A_23_P203475	NM_145040	PRKCDBP	protein kinase C, delta binding protein	ENST00000303927	-0,602076493
A_21_P0000005	NM_001105565	SMTNL1	smoothelin-like 1	ENST00000457912	-0,602154956
A_21_P0001776	BC036617	XLOC_001558			-0,602337807
A_24_P346855	NM_002417	MKI67	antigen identified by monoclonal antibody Ki-67	ENST00000537609	-0,60257809
A_23_P216766	NM_030940	ISCA1	iron-sulfur cluster assembly 1 homolog (<i>S. cerevisiae</i>)	ENST00000375991	-0,602734992
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,602750298
A_33_P3236177	NM_001145	ANG	angiogenin, ribonuclease, RNase A family, 5	ENST00000336811	-0,602803369
A_24_P376309	NM_032595	PPP1R9B	protein phosphatase 1, regulatory subunit 9B	ENST00000501501	-0,60295801
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,602961928
A_24_P295963	NM_018976	SLC38A2	solute carrier family 38, member 2	ENST00000549258	-0,602992274
A_23_P125265	NM_002266	KPNA2	karyopherin alpha 2 (RAG cohort 1, importin alpha 1)	ENST00000537025	-0,603061154
A_24_P408457	NM_000262	NAGA	N-acetylgalactosaminidase, alpha-	ENST00000396398	-0,603328472
A_23_P411612	NM_207344	SPRYD4	SPRY domain containing 4	ENST00000338146	-0,603373124
A_33_P3242234	NM_001007523	F8A2	coagulation factor VIII-associated 2	ENST00000369445	-0,603402779
A_23_P331049	NM_006426	DPYSL4	dihydropyrimidinase-like 4	ENST00000338492	-0,603467914
A_23_P92499	NM_003264	TLR2	toll-like receptor 2	ENST00000260010	-0,603485952
A_23_P75220	NM_031212	SLC25A28	solute carrier family 25, member 28	ENST00000491157	-0,60377132
A_24_P42693	NM_021187	CYP4F11	cytochrome P450, family 4, subfamily F, polypeptide 11	ENST00000326742	-0,603976308
A_33_P3283780	NM_015898	ZBTB7A	zinc finger and BTB domain containing 7A	ENST00000322357	-0,604132536
A_32_P54503	NR_024451	LOC100134229	uncharacterized LOC100134229		-0,604177492
A_24_P349965	NM_007109	TCF19	transcription factor 19	ENST00000400401	-0,604181114
A_21_P0012945	BG214557	XLOC_l2_011627			-0,604220479
A_24_P23995	NM_001010858	RNF187	ring finger protein 187	ENST00000463833	-0,604364757
A_23_P121596	NM_002704	PPBP	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7	ENST00000296028	-0,604797469
A_23_P108437	NM_003468	FZD5	frizzled family receptor 5	ENST00000295417	-0,604869079
A_21_P0010465	TCONS_00029809	XLOC_014244			-0,604892443

A_23_P60387	NM_017617	NOTCH1	notch 1	ENST00000277541	-0,604894941
A_23_P212475	NM_016479	SHISA5	shisa homolog 5 (<i>Xenopus laevis</i>)	ENST00000417962	-0,605096892
A_23_P117582	NM_130469	JDP2	Jun dimerization protein 2	ENST00000435893	-0,60596426
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,60604615
A_24_P203000	NM_000878	IL2RB	interleukin 2 receptor, beta	ENST00000216223	-0,606187518
A_33_P3420235	ENST00000367534	ARPC5	actin related protein 2/3 complex, subunit 5, 16kDa	ENST00000367534	-0,606356708
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,606571771
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,606642089
A_24_P938614	NM_001263	CDS1	CDP-diacylglycerol synthase (phosphatidate cytidyltransferase)	ENST00000295887	-0,606715421
A_23_P257971	NM_001353	AKR1C1	aldo-keto reductase family 1, member C1 (dihydrodiol dehydrogenase)	ENST00000460124	-0,606853279
A_23_P425752	NM_033219	TRIM14	tripartite motif containing 14	ENST00000342043	-0,606950379
A_33_P3331767	NM_024034	GDAP1L1	ganglioside-induced differentiation-associated protein 1-like 1	ENST00000372952	-0,606996449
A_33_P3366019	NR_024481	FAM205B	transmembrane protein C9orf144B pseudogene	ENST00000399773	-0,607071319
A_23_P75741	NM_198183	UBE2L6	ubiquitin-conjugating enzyme E2L 6	ENST00000528275	-0,607079652
A_21_P0013602	TCONS_I2_0002908; XLOC_I2_015038				-0,607117134
A_23_P117582	NM_130469	JDP2	Jun dimerization protein 2	ENST00000435893	-0,607138466
A_23_P120694	NM_172201	KCNE2	potassium voltage-gated channel, Isk-related family, member 2	ENST00000290310	-0,607190751
A_23_P344884	NM_001166222	CARNS1	carnosine synthase 1	ENST00000531958	-0,607251538
A_33_P3479449	AK055877	LOC100506328	uncharacterized LOC100506328		-0,607257511
A_23_P118536	NM_018042	SLFN12	schlafen family member 12	ENST00000479326	-0,607263263
A_23_P152782	NM_005533	IFI35	interferon-induced protein 35	ENST00000538473	-0,607364412
A_33_P3269539	NM_058174	COL6A2	collagen, type VI, alpha 2	ENST00000357838	-0,607378788
A_19_P00326179	NR_033354	ZNF519			-0,607469323
A_23_P217109	NM_001860	SLC31A2	solute carrier family 31 (copper transporters), member 2	ENST00000259392	-0,607779948
A_33_P3254801	NM_007346	OGFR	opioid growth factor receptor	ENST00000370461	-0,607844676
A_23_P99661	NM_018071	ARHGEF40	Rho guanine nucleotide exchange factor (GEF) 40	ENST00000553709	-0,60787538
A_33_P3300217	NM_182493	MYLK3	myosin light chain kinase 3		-0,607915783
A_23_P250274	NM_019594	LRRRC8A	leucine rich repeat containing 8 family, member A	ENST00000259324	-0,608117377
A_21_P0009782	BX118437	XLOC_012984			-0,608152826

A_19_P00321206	ENST00000440326	XLOC_001826		ENST00000440326	-0,608594217
A_23_P55319	NM_004475	FLOT2	flotillin 2	ENST00000394906	-0,608594275
A_23_P108437	NM_003468	FZD5	frizzled family receptor 5	ENST00000295417	-0,608844125
A_33_P3735158	AK093004	LOC286272	uncharacterized LOC286272		-0,6088773
A_24_P216253	NM_014902	DLGAP4	discs, large (Drosophila) homolog-associated protein 4	ENST00000373907	-0,609104521
A_24_P233488	NM_002309	LIF	leukemia inhibitory factor (cholinergic differentiation factor)	ENST00000249075	-0,60918529
A_23_P147918	NM_080388	S100A16	S100 calcium binding protein A16	ENST00000368703	-0,60957222
A_23_P370625	NM_020451	SEPN1	selenoprotein N, 1	ENST00000374315	-0,609577682
A_19_P00320759	XR_108575	FLJ32255	uncharacterized LOC643977		-0,609642747
A_19_P00320101	NR_024344	LOC283174	uncharacterized LOC283174		-0,609651985
A_23_P54918	NM_153486	LDHD	lactate dehydrogenase D	ENST00000300051	-0,609703192
A_21_P0013513	TCONS_I2_0002818	XLOC_I2_014505			-0,609747554
A_23_P376488	NM_000594	TNF	tumor necrosis factor	ENST00000376122	-0,610107053
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase 2	ENST00000248975	-0,610137205
A_23_P92499	NM_003264	TLR2	toll-like receptor 2	ENST00000260010	-0,610230179
A_21_P0006661	ENST00000450270	XLOC_008416		ENST00000450270	-0,610295255
A_21_P0000190	NM_002285	AFF3	AF4/FMR2 family, member 3	ENST00000317233	-0,610363631
A_23_P20876	NM_177995	PTPDC1	protein tyrosine phosphatase domain containing 1	ENST00000375360	-0,610422813
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,610477623
A_23_P123086	NR_027329	KIAA1908	uncharacterized LOC114796		-0,610591888
A_23_P35871	NM_024680	E2F8	E2F transcription factor 8	ENST00000396159	-0,610651893
A_23_P118536	NM_018042	SLFN12	schlafen family member 12	ENST00000479326	-0,610683568
A_24_P49447	NM_020829	KIAA1432	KIAA1432	ENST00000418622	-0,610756765
A_33_P3245163	M13930	MYC	v-myc myelocytomatosis viral oncogene homolog (avian)	ENST00000259523	-0,610800781
A_33_P3392525	NM_001661	ARL4D	ADP-ribosylation factor-like 4D	ENST00000320033	-0,611429992
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,611463977
A_21_P0013353	TCONS_I2_0002695	XLOC_I2_014048			-0,611767079
A_21_P0010914	ENST00000420049	XLOC_I2_001462		ENST00000420049	-0,611866805
A_23_P374082	NM_033274	ADAM19	ADAM metallopeptidase domain 19	ENST00000257527	-0,61206989

A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,612098936
A_21_P0000869	NR_039975	LOC100506229	uncharacterized LOC100506229		-0,612224267
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,612466099
A_33_P3225066	NM_201262	DNAJC12	DnaJ (Hsp40) homolog, subfamily C, member 12	ENST00000480180	-0,612481017
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,61270581
A_33_P3321711	NM_006809	TOMM34	translocase of outer mitochondrial membrane 34	ENST00000372813	-0,613089403
A_19_P00317052	NM_020914	RNF213		ENST00000456466	-0,613091773
A_21_P0010156	ENST00000436529	XLOC_013905		ENST00000436529	-0,613418808
A_23_P391443	NM_020700	PPM1H	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1H	ENST00000228705	-0,613487107
A_23_P48056	NM_006825	CKAP4	cytoskeleton-associated protein 4	ENST00000378026	-0,613520628
A_21_P0007573	ENST00000539116	XLOC_009788		ENST00000539116	-0,613546872
A_21_P0013743	ENST00000426204	XLOC_I2_015342		ENST00000426204	-0,61372647
A_21_P0000130	NM_001195541	LOC100289187	transmembrane protein 225-like		-0,613731957
A_23_P371215	NM_012092	ICOS	inducible T-cell co-stimulator	ENST00000316386	-0,613750902
A_32_P22401	NM_018067	MAP7D1	MAP7 domain containing 1	ENST00000373148	-0,613787871
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,614092538
A_23_P330262	NM_012398	PIP5K1C	phosphatidylinositol-4-phosphate 5-kinase, type I, gamma	ENST00000335312	-0,614230958
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,614571886
A_33_P3311083	AK097512	PHLDB3	pleckstrin homology-like domain, family B, member 3		-0,614691119
A_33_P3411427	NM_001129730	ZNF837	zinc finger protein 837	ENST00000427624	-0,614931669
A_33_P3231613	NM_001129828	CSAG3	CSAG family, member 3	ENST00000356911	-0,615288841
A_23_P60627	NM_001141	ALOX15B	arachidonate 15-lipoxygenase, type B	ENST00000380173	-0,615434515
A_23_P50146	NM_213602	SIGLEC15	sialic acid binding Ig-like lectin 15	ENST00000389474	-0,615457217
A_23_P19333	NM_018643	TREM1	triggering receptor expressed on myeloid cells 1	ENST00000244709	-0,615863202
A_23_P116264	NM_006176	NRGN	neurogranin (protein kinase C substrate, RC3)	ENST00000284292	-0,616030574
A_33_P3356731	NM_015332	NUDCD3	NudC domain containing 3	ENST00000355451	-0,616130432
A_23_P366366	NM_014766	SCRN1	secernin 1	ENST00000426154	-0,616529362
A_33_P3327847	NM_003901	SGPL1	sphingosine-1-phosphate lyase 1	ENST00000373202	-0,616633096
A_19_P00321743	XR_110148	LOC100130938	uncharacterized LOC100130938		-0,61667061

A_23_P35456	NM_014631	SH3PXD2A	SH3 and PX domains 2A	ENST00000355946	-0,616715445
A_23_P417974	NM_173039	AQP11	aquaporin 11	ENST00000528638	-0,616787771
A_33_P3322654	NM_018226	RNPEPL1	arginyl aminopeptidase (aminopeptidase B)-like 1	ENST00000481757	-0,616792624
A_33_P3398251	NM_014009	FOXP3	forkhead box P3	ENST00000376199	-0,616802238
A_32_P126375	NM_198270	NHS	Nance-Horan syndrome (congenital cataracts and dental an	ENST00000398097	-0,617002036
A_21_P0011514	NM_001190790	CDRT15L2	CMT1A duplicated region transcript 15-like 2	ENST00000399044	-0,617300395
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,617858944
A_24_P76675	NM_021647	MFAP3L	microfibrillar-associated protein 3-like	ENST00000510306	-0,617861461
A_33_P3240532	NM_015149	RGL1	ral guanine nucleotide dissociation stimulator-like 1	ENST00000367531	-0,618065939
A_32_P66881	NM_138554	TLR4	toll-like receptor 4		-0,618389232
A_21_P0007620	TCONS_00020550	XLOC_009863			-0,618607063
A_24_P295590	NM_032023	RASSF4	Ras association (RalGDS/AF-6) domain family member 4	ENST00000489171	-0,618633735
A_21_P0007880	XR_110374	LOC100507195	uncharacterized LOC100507195		-0,619063861
A_24_P276888	NM_001199803	CENPO	centromere protein O	ENST00000380834	-0,619111993
A_33_P3369567	NM_001242932	LSP1	lymphocyte-specific protein 1	ENST00000484895	-0,619152851
A_33_P3358213	NM_207421	PADI6	peptidyl arginine deiminase, type VI	ENST00000434762	-0,619177019
A_33_P3275350	NM_014286	NCS1	neuronal calcium sensor 1	ENST00000372398	-0,619349867
A_21_P0012477	THC2685486	XLOC_I2_010493			-0,619594005
A_23_P409386	NM_024698	SLC25A22	solute carrier family 25 (mitochondrial carrier: glutamate), r	ENST00000320230	-0,619660183
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,619698255
A_24_P115511	NM_016322	RAB14	RAB14, member RAS oncogene family	ENST00000373840	-0,619736338
A_33_P3219256	NM_004329	BMPRI1A	bone morphogenetic protein receptor, type IA	ENST00000224764	-0,619751536
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,620043742
A_33_P3390950	AK125852	LOC100128338	uncharacterized LOC100128338		-0,620091502
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptid	ENST00000361441	-0,620542025
A_23_P103877	NM_001010847	LRRC38	leucine rich repeat containing 38	ENST00000376085	-0,620653967
A_23_P204847	NM_002298	LCP1	lymphocyte cytosolic protein 1 (L-plastin)	ENST00000398576	-0,620742174
A_23_P2492	NM_001734	C1S	complement component 1, s subcomponent	ENST00000360817	-0,620753892
A_33_P3306024	NR_002825	SIGLEC16	sialic acid binding Ig-like lectin 16 (gene/pseudogene)		-0,620803499

A_33_P3225091	NM_004756	NUMBL	numb homolog (Drosophila)-like	ENST00000252891	-0,620805472
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,62093101
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,62100386
A_23_P202720	NM_018389	SLC35C1	solute carrier family 35, member C1	ENST00000456334	-0,621055097
A_33_P3350056	NM_005952	MT1X	metallothionein 1X	ENST00000394485	-0,621059782
A_32_P104000	NM_173475	DCUN1D3	DCN1, defective in cullin neddylation 1, domain containing	ENST00000324344	-0,621072966
A_33_P3223759	NM_005121	MED13	mediator complex subunit 13	ENST00000397786	-0,621130653
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,621132183
A_24_P405205	NM_001001396	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000367218	-0,621456596
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,621560087
A_21_P0004248	TCONS_00009956	XLOC_004375			-0,621612845
A_23_P100386	NM_152456	IL34	interleukin 34	ENST00000429149	-0,621721232
A_23_P52727	NM_182964	NAV2	neuron navigator 2	ENST00000396085	-0,621839953
A_33_P3244578	AK125061	LOC100129675	uncharacterized LOC100129675		-0,622097841
A_33_P3227899	NR_015361	LOC440896	uncharacterized LOC440896	ENST00000423390	-0,622175226
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,62228492
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,622437045
A_24_P10233	NM_014326	DAPK2	death-associated protein kinase 2	ENST00000457488	-0,622454083
A_23_P21838	NM_033133	CNP	2',3'-cyclic nucleotide 3' phosphodiesterase	ENST00000393892	-0,622574137
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000361441	-0,622646477
A_24_P941167	NM_030641	APOL6	apolipoprotein L, 6	ENST00000409652	-0,622966869
A_23_P300033	NM_006206	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	ENST00000257290	-0,623017902
A_23_P42909	NM_153345	TMEM139	transmembrane protein 139	ENST00000409244	-0,623068486
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,623189487
A_21_P0014573	XR_110349	LOC100293962	uncharacterized LOC100293962		-0,623201257
A_19_P00811048	NR_024284	ZEB1-AS1			-0,623554207
A_33_P3367341	ENST00000369319	CASP7	caspase 7, apoptosis-related cysteine peptidase	ENST00000369319	-0,623779371
A_33_P3308055	AB209519	EIF4E2	eukaryotic translation initiation factor 4E family member 2	ENST00000409514	-0,623986991
A_33_P3307960	NM_001103170	AADACL3	arylacetamide deacetylase-like 3	ENST00000359318	-0,624026687

A_21_P0014385	XR_109552	LOC100506848	uncharacterized LOC100506848		-0,624215169
A_33_P3266396	NM_001029885	GLTPD1	glycolipid transfer protein domain containing 1	ENST00000343938	-0,624258896
A_23_P202860	NM_024514	CYP2R1	cytochrome P450, family 2, subfamily R, polypeptide 1	ENST00000334636	-0,624345762
A_33_P3314500	NM_005961	MUC6	mucin 6, oligomeric mucus/gel-forming	ENST00000421673	-0,624405781
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,624578003
A_33_P3291484	NM_005668	ST8SIA4	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4		-0,624694536
A_23_P398449	NR_028291	VNN3	vanin 3	ENST00000392394	-0,624844985
A_32_P72110	NM_006505	PVR	poliovirus receptor	ENST00000344956	-0,624889247
A_33_P3277447	NM_000112	SLC26A2	solute carrier family 26 (sulfate transporter), member 2	ENST00000286298	-0,62502015
A_24_P104119	NM_019034	RHOF	ras homolog gene family, member F (in filopodia)	ENST00000267205	-0,62521019
A_24_P377124	NM_000460	THPO	thrombopoietin	ENST00000353488	-0,625356207
A_33_P3309556	NM_006504	PTPRE	protein tyrosine phosphatase, receptor type, E		-0,625420632
A_23_P161076	NM_001767	CD2	CD2 molecule	ENST00000369478	-0,625512236
A_24_P322444	NM_153719	NUP62	nucleoporin 62kDa	ENST00000352066	-0,62556239
A_21_P0013684	ENST00000426204	XLOC_l2_015342		ENST00000426204	-0,625622594
A_33_P3637909	NM_015983	UBE2D4	ubiquitin-conjugating enzyme E2D 4 (putative)		-0,625785331
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,625803458
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,625902061
A_23_P419624	NM_006698	BLCAP	bladder cancer associated protein	ENST00000414542	-0,626003767
A_23_P398372	NM_152833	C9orf69	chromosome 9 open reading frame 69		-0,626113702
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,626122086
A_32_P214925	NM_173678	FAM115C	family with sequence similarity 115, member C	ENST00000357344	-0,626262925
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,626359782
A_23_P8095	NM_006913	RNF5	ring finger protein 5	ENST00000375094	-0,626403856
A_23_P101319	NM_152354	ZNF285	zinc finger protein 285	ENST00000544719	-0,626630982
A_23_P25155	NM_020370	GPR84	G protein-coupled receptor 84	ENST00000551809	-0,626710858
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,626878455
A_23_P58132	NM_004310	RHOH	ras homolog gene family, member H	ENST00000381799	-0,627139768
A_23_P117298	NM_000131	F7	coagulation factor VII (serum prothrombin conversion accel	ENST00000346342	-0,627286542

A_33_P3463355	BC039302	LOC286121	uncharacterized LOC286121		-0,62745508
A_23_P371729	NM_005266	GJA5	gap junction protein, alpha 5, 40kDa	ENST00000369237	-0,627598871
A_21_P0011878	TCONS_I2_0001427!	XLOC_I2_007788			-0,62781277
A_24_P219552	NM_003204	NFE2L1	nuclear factor (erythroid-derived 2)-like 1	ENST00000361665	-0,627871045
A_24_P225961	NM_004393	DAG1	dystroglycan 1 (dystrophin-associated glycoprotein 1)	ENST00000308775	-0,62807764
A_23_P25835	NM_002028	FNTB	farnesyltransferase, CAAX box, beta	ENST00000246166	-0,628152874
A_23_P49009	NM_153613	LPCAT4	lysophosphatidylcholine acyltransferase 4	ENST00000314891	-0,628186101
A_21_P0010535	THC2520127	XLOC_I2_000297			-0,628280442
A_33_P3413905	NM_024866	ADM2	adrenomedullin 2	ENST00000362068	-0,628393075
A_23_P141992	NM_198706	HSD11B1L	hydroxysteroid (11-beta) dehydrogenase 1-like	ENST00000339423	-0,628517429
A_23_P156218	NM_002104	GZMK	granzyme K (granzyme 3; tryptase II)	ENST00000231009	-0,628602731
A_23_P99360	NM_213590	TRIM13	tripartite motif containing 13	ENST00000378182	-0,628733591
A_23_P117582	NM_130469	JDP2	Jun dimerization protein 2	ENST00000435893	-0,628757104
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,628886564
A_23_P110052	NM_023067	FOXL2	forkhead box L2	ENST00000542203	-0,629119676
A_21_P0002313	THC2711871	XLOC_001748			-0,629341128
A_23_P71926	NM_002732	PRKACG	protein kinase, cAMP-dependent, catalytic, gamma	ENST00000377276	-0,629355108
A_23_P118536	NM_018042	SLFN12	schlafen family member 12	ENST00000479326	-0,629420844
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000361441	-0,629423857
A_24_P942604	NM_006306	SMC1A	structural maintenance of chromosomes 1A	ENST00000322213	-0,629436521
A_33_P3313810	NM_001971	CELA1	chymotrypsin-like elastase family, member 1	ENST00000293636	-0,62956103
A_23_P67932	NM_000634	CXCR1	chemokine (C-X-C motif) receptor 1	ENST00000295683	-0,629598873
A_21_P0013999	XM_003403404	LOC100653051	leukocyte immunoglobulin-like receptor subfamily B member 3-like		-0,629644771
A_23_P308603	NM_005417	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog	ENST00000445403	-0,62965954
A_24_P145066	NM_183416	KIF1B	kinesin family member 1B	ENST00000377083	-0,629926767
A_24_P203103	NM_002351	SH2D1A	SH2 domain containing 1A	ENST00000371139	-0,629950989
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibitory	ENST00000351004	-0,629995417
A_33_P3240512	NM_138444	KCTD12	potassium channel tetramerisation domain containing 12	ENST00000377474	-0,630020652
A_24_P184555	NM_002859	PXN	paxillin	ENST00000323871	-0,630133241

A_24_P192262	NM_005402	RALA	v-ral simian leukemia viral oncogene homolog A (ras related)	ENST00000005257	-0,630748725
A_23_P88865	NM_144601	CMTM3	CKLF-like MARVEL transmembrane domain containing 3	ENST00000361909	-0,630891297
A_23_P70213	NM_000038	APC	adenomatous polyposis coli	ENST00000508376	-0,631201399
A_33_P3259393	NM_178232	HAPLN3	hyaluronan and proteoglycan link protein 3	ENST00000359595	-0,632054965
A_23_P208698	NM_002103	GYS1	glycogen synthase 1 (muscle)	ENST00000323798	-0,632392675
A_23_P396666	NM_015079	TBC1D2B	TBC1 domain family, member 2B	ENST00000300584	-0,632396893
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,632608815
A_33_P3250671	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522561	-0,632695114
A_33_P3232552	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,632813832
A_24_P649624	NM_183416	KIF1B	kinesin family member 1B	ENST00000377093	-0,632816125
A_33_P3780505	NR_003658	MT1DP	metallothionein 1D, pseudogene		-0,632906581
A_21_P0010772	ENST00000427309	XLOC_I2_001089		ENST00000427309	-0,633009107
A_23_P208516	NM_024298	MBOAT7	membrane bound O-acyltransferase domain containing 7	ENST00000494142	-0,633057405
A_23_P34597	NM_001785	CDA	cytidine deaminase	ENST00000461985	-0,633099253
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,633325937
A_33_P3233995	ENST00000330955	BAALC	brain and acute leukemia, cytoplasmic	ENST00000330955	-0,63340644
A_33_P3386242	NM_006314	CNKSRI	connector enhancer of kinase suppressor of Ras 1	ENST00000374253	-0,633539083
A_23_P42718	NM_004289	NFE2L3	nuclear factor (erythroid-derived 2)-like 3	ENST00000398175	-0,63360744
A_24_P118938	NM_080616	C20orf112	chromosome 20 open reading frame 112	ENST00000359676	-0,633633902
A_33_P3290089	XR_109536	LOC100505585	uncharacterized LOC100505585		-0,633795628
A_32_P91042	NR_027406	LOC100129034	uncharacterized LOC100129034		-0,633905694
A_33_P3405168	NM_172250	MMAA	methylmalonic aciduria (cobalamin deficiency) cblA type	ENST00000281317	-0,633968491
A_23_P60387	NM_017617	NOTCH1	notch 1	ENST00000277541	-0,634069401
A_23_P169092	NM_004820	CYP7B1	cytochrome P450, family 7, subfamily B, polypeptide 1	ENST00000523954	-0,634256017
A_23_P202117	ENST00000490164	PCGF5	polycomb group ring finger 5	ENST00000490164	-0,634434134
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	-0,63463487
A_21_P0000485	NR_003943	SNORD77	small nucleolar RNA, C/D box 77		-0,634642919
A_23_P319583	NM_014747	RIMS3	regulating synaptic membrane exocytosis 3	ENST00000372684	-0,634663243
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,63477765

A_24_P253003	NM_004626	WNT11	wingless-type MMTV integration site family, member 11	ENST00000447195	-0,634786373
A_24_P156113	NM_014601	EHD2	EH-domain containing 2	ENST00000263277	-0,634891766
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 3	ENST00000361441	-0,635029801
A_33_P3294277	NM_000896	CYP4F3	cytochrome P450, family 4, subfamily F, polypeptide 3	ENST00000221307	-0,635146621
A_33_P3363188	NR_033856	FLJ43315	asparagine synthetase pseudogene		-0,635287523
A_23_P88435	NM_005197	FOXN3	forkhead box N3	ENST00000261302	-0,635370556
A_33_P3343210	NM_016612	SLC25A37	solute carrier family 25, member 37	ENST00000519973	-0,6355839
A_23_P35399	NM_145869	ANXA11	annexin A11	ENST00000537102	-0,635769517
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,635801234
A_33_P3306413	NM_001167986	INCA1	inhibitor of CDK, cyclin A1 interacting protein 1	ENST00000396829	-0,635941882
A_33_P3235053	NM_033452	TRIM47	tripartite motif containing 47	ENST00000254816	-0,636054556
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,636256275
A_33_P3222867	CR933610	THBS3	thrombospondin 3		-0,636260626
A_24_P588897	NM_013272	SLCO3A1	solute carrier organic anion transporter family, member 3A	ENST00000318445	-0,636284764
A_23_P207387	NM_032484	GHDC	GH3 domain containing	ENST00000301671	-0,636401751
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,63696101
A_23_P38427	NM_032932	RAB11FIP4	RAB11 family interacting protein 4 (class II)	ENST00000325874	-0,637028553
A_19_P00320155	NR_023915	IPW	imprinted in Prader-Willi syndrome (non-protein coding)	ENST00000549804	-0,637130652
A_23_P156907	NM_018013	SOBP	sine oculis binding protein homolog (Drosophila)	ENST00000230065	-0,637220079
A_24_P33895	NM_001040619	ATF3	activating transcription factor 3	ENST00000366983	-0,637412364
A_23_P425304	NM_016169	SUFU	suppressor of fused homolog (Drosophila)	ENST00000369902	-0,637512657
A_23_P23074	NM_006417	IFI44	interferon-induced protein 44	ENST00000485662	-0,637582654
A_33_P3531979	AK097496	LOC283352	uncharacterized LOC283352		-0,637881008
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,638246446
A_24_P246293	NM_138378	FDXACB1	ferredoxin-fold anticodon binding domain containing 1	ENST00000260257	-0,638642769
A_21_P0012084	CF126671	LOC572558	uncharacterized LOC572558		-0,638775139
A_23_P117582	NM_130469	JDP2	Jun dimerization protein 2	ENST00000435893	-0,638779791
A_23_P365614	NM_004557	NOTCH4	notch 4	ENST00000437843	-0,639212897
A_33_P3404959	NM_001013649	C2orf68	chromosome 2 open reading frame 68	ENST00000306336	-0,639266532

A_21_P0001626	ENST00000420762	XLOC_001209		ENST00000420762	-0,639473645
A_23_P212655	NM_130446	KLHL6	kelch-like 6 (Drosophila)	ENST00000468734	-0,639587039
A_23_P52207	NM_012342	BAMBI	BMP and activin membrane-bound inhibitor homolog (Xenc	ENST00000542444	-0,639873929
A_21_P0007136	AK307308	XLOC_009562			-0,640165858
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,640329501
A_23_P28948	NM_014012	REM1	RAS (RAD and GEM)-like GTP-binding 1	ENST00000201979	-0,640519425
A_23_P123172	NR_002157	OR2A9P	olfactory receptor, family 2, subfamily A, member 9 pseudo	ENST00000461471	-0,640602637
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,640703082
A_21_P0001225	ENST00000433576	XLOC_001214		ENST00000433576	-0,640744431
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,640750515
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,640782361
A_23_P49643	NM_006613	GRAP	GRB2-related adaptor protein	ENST00000284154	-0,640795705
A_21_P0013701	AK095210	XLOC_l2_014850			-0,640970213
A_23_P77593	NM_018052	VAC14	Vac14 homolog (S. cerevisiae)	ENST00000536184	-0,640976676
A_21_P0012459	AL049161	XLOC_l2_010338			-0,641009467
A_33_P3384045	XR_110862	NSAP11	nervous system abundant protein 11		-0,641014575
A_24_P97342	NM_021935	PROK2	prokineticin 2	ENST00000353065	-0,641207529
A_21_P0014180	ENST00000474396	GPR146	G protein-coupled receptor 146	ENST00000474396	-0,641256682
A_23_P108437	NM_003468	FZD5	frizzled family receptor 5	ENST00000295417	-0,641289471
A_32_P8925	NM_001012970	C1orf100	chromosome 1 open reading frame 100	ENST00000308105	-0,641518124
A_23_P60517	NM_181425	FXN	frataxin	ENST00000396366	-0,641748795
A_33_P3354935	NM_172212	CSF1	colony stimulating factor 1 (macrophage)	ENST00000369802	-0,642019286
A_23_P308603	NM_005417	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolo	ENST00000445403	-0,642182507
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,642477874
A_21_P0012110	THC2684837	XLOC_l2_008546			-0,6426219
A_24_P183664	NM_014817	TRIL	TLR4 interactor with leucine-rich repeats	ENST00000322982	-0,642784022
A_24_P126425	NM_032222	FAM188B	family with sequence similarity 188, member B	ENST00000458257	-0,643171617
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,643242224
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,643268954

A_24_P211797	NM_178231	ICA1L	islet cell autoantigen 1,69kDa-like	ENST00000411681	-0,643531822
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,643901803
A_33_P3392580	NM_013411	AK2	adenylate kinase 2	ENST00000373449	-0,643917925
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase 2	ENST00000248975	-0,643933721
A_32_P456318	NM_080743	SRSF12	serine/arginine-rich splicing factor 12	ENST00000452027	-0,644472442
A_21_P0012241	TCONS_I2_00017559	XLOC_I2_009281			-0,644657116
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	-0,645188192
A_24_P172990	NM_001605	AARS	alanyl-tRNA synthetase	ENST00000261772	-0,645227946
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,646046789
A_23_P101319	NM_152354	ZNF285	zinc finger protein 285	ENST00000544719	-0,646387343
A_23_P104762	NM_006106	YAP1	Yes-associated protein 1	ENST00000531439	-0,646397573
A_23_P69383	NM_031458	PARP9	poly (ADP-ribose) polymerase family, member 9	ENST00000452457	-0,647140902
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,647383428
A_24_P48495	NM_014400	LYPD3	LY6/PLAUR domain containing 3	ENST00000244333	-0,647385217
A_21_P0002671	ENST00000448595	XLOC_002221		ENST00000448595	-0,647410675
A_23_P70566	NM_022110	FKBPL	FK506 binding protein like	ENST00000375156	-0,64747424
A_33_P3342056	NM_173799	TIGIT	T cell immunoreceptor with Ig and ITIM domains	ENST00000383671	-0,647683282
A_23_P406385	NM_153350	FBXL16	F-box and leucine-rich repeat protein 16	ENST00000324361	-0,647782796
A_33_P3269636	NM_001166034	SBSN	suprabasin	ENST00000518157	-0,647883837
A_21_P0005910	ENST00000524079	TMEM71	transmembrane protein 71	ENST00000524079	-0,648010976
A_33_P3302586	NM_207370	GPR153	G protein-coupled receptor 153	ENST00000377893	-0,648137178
A_33_P3359160	NM_006589	FAM189B	family with sequence similarity 189, member B	ENST00000333966	-0,649433391
A_33_P3239282	NM_004974	KCNA2	potassium voltage-gated channel, shaker-related subfamily,	ENST00000316361	-0,649590342
A_23_P411851	NM_152592	C14orf49	chromosome 14 open reading frame 49	ENST00000557275	-0,649941924
A_23_P432573	NM_145015	MRGPRF	MAS-related GPR, member F	ENST00000309099	-0,649971378
A_33_P3344504	ENST00000382938	APBA2	amyloid beta (A4) precursor protein-binding, family A, mem	ENST00000382938	-0,650001191
A_23_P308603	NM_005417	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog	ENST00000445403	-0,650143723
A_23_P108437	NM_003468	FZD5	frizzled family receptor 5	ENST00000295417	-0,650144812
A_23_P100056	NM_194272	RBPMS2	RNA binding protein with multiple splicing 2	ENST00000300069	-0,650147621

A_23_P207850	NM_032865	TNS4	tensin 4	ENST00000254051	-0,65016393
A_24_P176493	NM_015251	ATMIN	ATM interactor	ENST00000299575	-0,650255056
A_23_P308603	NM_005417	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog	ENST00000445403	-0,650296664
A_23_P104762	NM_006106	YAP1	Yes-associated protein 1	ENST00000531439	-0,650404022
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975	-0,650935045
A_23_P123172	NR_002157	OR2A9P	olfactory receptor, family 2, subfamily A, member 9 pseudo	ENST00000461471	-0,651176162
A_23_P169003	NM_022071	SH2D4A	SH2 domain containing 4A	ENST00000519207	-0,651211627
A_21_P0014006	XM_003403443	LOC100509263	uncharacterized LOC100509263		-0,651229882
A_33_P3376821	NM_006144	GZMA	granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated	ENST00000274306	-0,651287459
A_23_P333498	NM_030636	EEPD1	endonuclease/exonuclease/phosphatase family domain con	ENST00000242108	-0,651524893
A_33_P3389634	NM_001747	CAPG	capping protein (actin filament), gelsolin-like	ENST00000409724	-0,651568906
A_23_P126623	NM_002631	PGD	phosphogluconate dehydrogenase	ENST00000541529	-0,65177754
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,651825679
A_21_P0007126	AK091996	XLOC_009181			-0,651973693
A_24_P80204	NM_005434	MALL	mal, T-cell differentiation protein-like	ENST00000272462	-0,65203254
A_33_P3350583	NM_138819	FAM122C	family with sequence similarity 122C	ENST00000370784	-0,652378177
A_33_P3272938	NM_021209	NLRC4	NLR family, CARD domain containing 4	ENST00000342905	-0,65242207
A_33_P3387691	NM_198081	SCML4	sex comb on midleg-like 4 (Drosophila)	ENST00000369022	-0,652470481
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975	-0,652493918
A_24_P199655	NM_138959	VANGL1	vang-like 1 (van gogh, Drosophila)	ENST00000310260	-0,653055279
A_23_P150316	NM_002426	MMP12	matrix metalloproteinase 12 (macrophage elastase)		-0,653113414
A_21_P0006015	ENST00000419576	XLOC_007389		ENST00000419576	-0,653119657
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975	-0,6531742
A_33_P3407314	BC050402	LOC100132707	uncharacterized LOC100132707	ENST00000397551	-0,653330862
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,653361338
A_23_P66117	NM_032039	ITFG3	integrin alpha FG-GAP repeat containing 3	ENST00000301678	-0,65343755
A_33_P3357087	NM_002437	MPV17	MpV17 mitochondrial inner membrane protein	ENST00000380044	-0,653954337
A_32_P452655	NM_001040078	LGALS9C	lectin, galactoside-binding, soluble, 9C	ENST00000423676	-0,654199585
A_23_P108437	NM_003468	FZD5	frizzled family receptor 5	ENST00000295417	-0,654236454

A_24_P186342	NM_020917	ZFP14	zinc finger protein 14 homolog (mouse)	ENST00000270001	-0,65423865
A_23_P138271	NM_138795	ARL8A	ADP-ribosylation factor-like 8A	ENST00000272217	-0,65457313
A_23_P308603	NM_005417	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog	ENST00000445403	-0,654637439
A_33_P3385376	NM_001040709	SYPL2	synaptophysin-like 2		-0,654705975
A_23_P212400	NM_012191	NAT6	N-acetyltransferase 6 (GCN5-related)	ENST00000443842	-0,65494226
A_24_P122403	NM_003198	TCEB3	transcription elongation factor B (SIII), polypeptide 3 (110kDa)	ENST00000418390	-0,654982863
A_24_P626981	NR_002949	NUDT16P1	nudix (nucleoside diphosphate linked moiety X)-type motif 16	ENST00000498923	-0,655017803
A_23_P124190	NM_130390	TRIM34	tripartite motif containing 34	ENST00000491385	-0,655335018
A_23_P383031	NM_032449	CC2D1B	coiled-coil and C2 domain containing 1B	ENST00000371586	-0,65590733
A_23_P60387	NM_017617	NOTCH1	notch 1	ENST00000277541	-0,656078716
A_21_P0013662	NM_001540	HSPB1	heat shock 27kDa protein 1	ENST00000447574	-0,656137409
A_21_P0008133	TCONS_00021948	XLOC_010545			-0,656466048
A_23_P14035	NM_006422	AKAP3	A kinase (PRKA) anchor protein 3	ENST00000545990	-0,656664758
A_23_P332960	NM_001042463	TMEM80	transmembrane protein 80	ENST00000492023	-0,656752278
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,65694284
A_23_P218597	NM_002518	NPAS2	neuronal PAS domain protein 2	ENST00000474550	-0,657099816
A_21_P0002453	TCONS_00004286	XLOC_002131			-0,657116782
A_23_P390518	NM_003839	TNFRSF11A	tumor necrosis factor receptor superfamily, member 11a, N	ENST00000382790	-0,657308814
A_23_P34093	NM_000402	G6PD	glucose-6-phosphate dehydrogenase	ENST00000369620	-0,657512973
A_33_P3407289	NR_027436	LOC283788	FSHD region gene 1 pseudogene	ENST00000418749	-0,65856657
A_32_P206479	NM_178457	ZNF831	zinc finger protein 831	ENST00000371030	-0,65856939
A_33_P3411632	NM_025268	TMEM121	transmembrane protein 121	ENST00000392519	-0,658830579
A_21_P0014586	XR_110396	LOC100128262	uncharacterized LOC100128262		-0,659024594
A_33_P3281333	NM_006750	SNTB2	syntrophin, beta 2 (dystrophin-associated protein A1, 59kDa)	ENST00000336278	-0,659088067
A_21_P0013848	NM_005197	FOXN3	forkhead box N3	ENST00000431331	-0,659596094
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,659708268
A_21_P0013056	THC2730466	XLOC_I2_012847			-0,659736164
A_33_P3421728	NM_001346	DGKG	diacylglycerol kinase, gamma 90kDa	ENST00000265022	-0,659771284
A_33_P3416286	NM_006047	RBM12	RNA binding motif protein 12	ENST00000359646	-0,660327548

A_23_P318420	NM_018704	CTTNBP2NL	CTTNBP2 N-terminal like	ENST00000271277	-0,66037371
A_23_P125977	NM_172369	C1QC	complement component 1, q subcomponent, C chain	ENST00000374637	-0,66042179
A_23_P74088	NM_006983	MMP23B	matrix metalloproteinase 23B	ENST00000512731	-0,66066119
A_23_P308603	NM_005417	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog	ENST00000445403	-0,661372079
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,661668132
A_24_P941912	NM_138287	DTX3L	deltex 3-like (Drosophila)	ENST00000296161	-0,661787012
A_24_P80181	NM_017849	TMEM127	transmembrane protein 127	ENST00000258439	-0,662282253
A_23_P419714	NM_001018072	BTBD11	BTB (POZ) domain containing 11	ENST00000280758	-0,662338189
A_23_P212423	NM_005108	XYLB	xylulokinase homolog (H. influenzae)	ENST00000207870	-0,662474215
A_21_P0000292	NR_002829	P2RX6P	purinergic receptor P2X, ligand-gated ion channel, 6 pseudoreceptor	ENST00000439119	-0,66252602
A_23_P207632	NM_174953	ATP2A3	ATPase, Ca ⁺⁺ transporting, ubiquitous	ENST00000359983	-0,663393307
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,663436144
A_23_P135248	NM_006664	CCL27	chemokine (C-C motif) ligand 27	ENST00000556719	-0,663451877
A_23_P155539	NM_000306	POU1F1	POU class 1 homeobox 1	ENST00000344265	-0,663560159
A_24_P329487	NM_174911	FAM84B	family with sequence similarity 84, member B	ENST00000304916	-0,663643401
A_24_P277657	NM_006877	GMPR	guanosine monophosphate reductase	ENST00000540478	-0,663645437
A_32_P86763	NM_004613	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyl transglutaminase)	ENST00000361475	-0,663859022
A_24_P555066	NM_198501	SMTNL2	smoothelin-like 2	ENST00000338859	-0,664381984
A_33_P3231140	NM_001167882	ANKRD50	ankyrin repeat domain 50	ENST00000504087	-0,664707569
A_24_P97405	NM_003965	CCRL2	chemokine (C-C motif) receptor-like 2	ENST00000400880	-0,664765957
A_23_P74112	NM_170743	IL28RA	interleukin 28 receptor, alpha (interferon, lambda receptor)	ENST00000327535	-0,664825142
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activator domain	ENST00000248975	-0,664933294
A_21_P0011907	TCONS_I2_0001447(XLOC_I2_007931				-0,664973264
A_21_P0014816	XR_132649	LOC100506694	uncharacterized LOC100506694		-0,665322143
A_23_P138835	NM_005186	CAPN1	calpain 1, (mu/l) large subunit	ENST00000259755	-0,666613899
A_23_P85903	NM_003268	TLR5	toll-like receptor 5	ENST00000342210	-0,666833762
A_33_P3606465	NR_033754	CBX3P2	chromobox homolog 3 pseudogene 2		-0,666893685
A_33_P3380101	NM_018067	MAP7D1	MAP7 domain containing 1	ENST00000373153	-0,666961601
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,667114008

A_32_P174572	NR_002774	HTR7P1	5-hydroxytryptamine (serotonin) receptor 7 pseudogene 1	ENST00000535469	-0,667154676
A_33_P3263890	NM_006902	PRRX1	paired related homeobox 1	ENST00000239461	-0,667203887
A_21_P0006026	ENST00000421297	XLOC_007450		ENST00000421297	-0,667235345
A_23_P217917	NM_147148	GSTM4	glutathione S-transferase mu 4	ENST00000493171	-0,667468724
A_23_P58009	NM_024616	C3orf52	chromosome 3 open reading frame 52	ENST00000264848	-0,667520163
A_24_P167642	NM_000161	GCH1	GTP cyclohydrolase 1	ENST00000254299	-0,667891257
A_33_P3239839	NM_024963	FBXL18	F-box and leucine-rich repeat protein 18	ENST00000538679	-0,667995605
A_24_P396167	NM_001335	CTSW	cathepsin W	ENST00000307886	-0,668168216
A_24_P399230	NM_175575	WFIKKN2	WAP, follistatin/kazal, immunoglobulin, kunitz and netrin d	ENST00000311378	-0,668521287
A_21_P0002866	ENST00000484675	XLOC_003190		ENST00000484675	-0,668765123
A_21_P0001573	GD150158	XLOC_000978			-0,668857524
A_32_P84369	NM_001079529	FAM153B	family with sequence similarity 153, member B	ENST00000502475	-0,668864265
A_23_P66432	NM_032646	TTYH2	tweety homolog 2 (Drosophila)	ENST00000441391	-0,668883126
A_23_P114164	NM_013444	UBQLN2	ubiquilin 2	ENST00000338222	-0,669297176
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,669371204
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,669389886
A_33_P3407042	NM_080605	B3GALT6	UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide	ENST00000379198	-0,669544288
A_23_P219060	NM_022107	GPSM3	G-protein signaling modulator 3	ENST00000375040	-0,669609823
A_21_P0011933	NR_037597	LOC442028	uncharacterized LOC442028		-0,669714682
A_24_P263910	ENST00000529902	C14orf182	chromosome 14 open reading frame 182	ENST00000529902	-0,669984962
A_23_P399501	NM_182470	PKM2	pyruvate kinase, muscle	ENST00000449901	-0,669989439
A_23_P415706	NM_198827	GPR133	G protein-coupled receptor 133	ENST00000261654	-0,6702428
A_33_P3399267	NM_172200	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-0,670263577
A_23_P308603	NM_005417	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog	ENST00000445403	-0,670821345
A_33_P3415216	NM_002437	MPV17	MpV17 mitochondrial inner membrane protein	ENST00000426513	-0,670873856
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,670973179
A_33_P3344482	NM_001135000	FERMT2	fermitin family member 2	ENST00000399304	-0,67102854
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase alpha	ENST00000248975	-0,671109881
A_33_P3382324	NM_012217	TPSD1	tryptase delta 1	ENST00000211076	-0,671163007

A_23_P158096	ENST00000468565	COL27A1	collagen, type XXVII, alpha 1	ENST00000468565	-0,671556824
A_21_P0003318	BC027846	XLOC_003603			-0,671828738
A_23_P121596	NM_002704	PPBP	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7	ENST00000296028	-0,672041178
A_24_P48627	ENST00000262971	PIAS4	protein inhibitor of activated STAT, 4	ENST00000262971	-0,672230226
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,672234959
A_23_P308603	NM_005417	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolo	ENST00000445403	-0,672359326
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,672550301
A_33_P3281795	NM_007283	MGLL	monoglyceride lipase	ENST00000265052	-0,673109637
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975	-0,673204445
A_33_P3268304	NM_001161404	LIMS2	LIM and senescent cell antigen-like domains 2	ENST00000537572	-0,673619057
A_23_P11262	NM_012151	F8A1	coagulation factor VIII-associated 1	ENST00000369445	-0,673690714
A_33_P3216694	NM_024503	HIVEP3	human immunodeficiency virus type I enhancer binding pro	ENST00000247584	-0,673713459
A_23_P300600	NM_021076	NEFH	neurofilament, heavy polypeptide	ENST00000310624	-0,674354897
A_23_P168916	NM_001738	CA1	carbonic anhydrase I	ENST00000523022	-0,674408973
A_23_P114164	NM_013444	UBQLN2	ubiquilin 2	ENST00000338222	-0,674518763
A_33_P3310274	ENST00000420582	LGR6	leucine-rich repeat containing G protein-coupled receptor 6	ENST00000420582	-0,67458098
A_23_P114164	NM_013444	UBQLN2	ubiquilin 2	ENST00000338222	-0,674607013
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,67478205
A_21_P0014404	ENST00000422459	LOC100506115		ENST00000422459	-0,674800811
A_23_P432610	NM_153029	N4BP1	NEDD4 binding protein 1	ENST00000262384	-0,674818379
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975	-0,674939695
A_21_P0006078	CR627148	XLOC_007710			-0,674997207
A_33_P3805090	NM_020840	FNIP2	folliculin interacting protein 2	ENST00000379346	-0,675097539
A_23_P114164	NM_013444	UBQLN2	ubiquilin 2	ENST00000338222	-0,675464763
A_33_P3407880	NM_144590	ANKRD22	ankyrin repeat domain 22		-0,675513549
A_24_P125469	NM_006033	LIPG	lipase, endothelial	ENST00000261292	-0,675691146
A_33_P3317376	NM_001665	RHOG	ras homolog gene family, member G (rho G)	ENST00000396978	-0,67595116
A_23_P308603	NM_005417	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolo	ENST00000445403	-0,676502374
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,676675691

A_23_P255126	NM_080612	GAB3	GRB2-associated binding protein 3	ENST00000369575	-0,676956635
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	-0,677035663
A_33_P3338928	NM_001343	DAB2	disabled homolog 2, mitogen-responsive phosphoprotein (I	ENST00000320816	-0,677087711
A_33_P3348001	XM_001716901	LOC100130458	uncharacterized LOC100130458		-0,677374778
A_23_P90311	NM_182919	TICAM1	toll-like receptor adaptor molecule 1	ENST00000248244	-0,677560055
A_23_P204246	NM_004426	PHC1	polyhomeotic homolog 1 (Drosophila)	ENST00000251757	-0,677635263
A_23_P14083	NM_181847	AMIGO2	adhesion molecule with Ig-like domain 2	ENST00000429635	-0,677854587
A_23_P152406	NM_032330	CAPNS2	calpain, small subunit 2	ENST00000457326	-0,677915285
A_23_P77653	NM_000339	SLC12A3	solute carrier family 12 (sodium/chloride transporters), me	ENST00000262502	-0,678250418
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,678383971
A_23_P118536	NM_018042	SLFN12	schlafen family member 12	ENST00000479326	-0,678457298
A_33_P3251552	NM_001029871	RSPO4	R-spondin 4	ENST00000217260	-0,678737003
A_23_P74359	NM_004078	CSRP1	cysteine and glycine-rich protein 1	ENST00000340006	-0,678946268
A_24_P132383	NM_175571	GIMAP8	GTPase, IMAP family member 8	ENST00000307271	-0,678983156
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,679092547
A_24_P19544	NM_013233	STK39	serine threonine kinase 39	ENST00000355999	-0,679317113
A_33_P3879789	BC043286	LOC339316	uncharacterized LOC339316		-0,679319641
A_23_P55251	NM_002204	ITGA3	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 r	ENST00000505306	-0,679359005
A_23_P115444	NM_005092	TNFSF18	tumor necrosis factor (ligand) superfamily, member 18	ENST00000404377	-0,67949372
A_33_P3287108	NM_207313	TMEM132E	transmembrane protein 132E	ENST00000321639	-0,67953677
A_23_P119835	NM_021209	NLRC4	NLR family, CARD domain containing 4	ENST00000404025	-0,679725855
A_33_P3390042	NR_015409	LOC143188	uncharacterized LOC143188		-0,679983115
A_21_P0000768	NR_038331	LOC100505545	uncharacterized LOC100505545	ENST00000507726	-0,679983226
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,680109665
A_33_P3544856	AK090616	LOC100292680	uncharacterized LOC100292680		-0,68017671
A_23_P152807	NM_018346	RSAD1	radical S-adenosyl methionine domain containing 1	ENST00000258955	-0,680320136
A_23_P11262	NM_012151	F8A1	coagulation factor VIII-associated 1	ENST00000369445	-0,680566493
A_33_P3309206	ENST00000556166	GABRB3	gamma-aminobutyric acid (GABA) A receptor, beta 3	ENST00000556166	-0,681262511
A_23_P114164	NM_013444	UBQLN2	ubiquilin 2	ENST00000338222	-0,681480199

A_33_P3353662	NM_152569	C9orf66	chromosome 9 open reading frame 66	ENST00000382387	-0,681525623
A_32_P87013	NM_000584	IL8	interleukin 8	ENST00000307407	-0,68159783
A_24_P60441	NM_153717	EVC	Ellis van Creveld syndrome	ENST00000264956	-0,682163216
A_23_P100001	NM_207446	FAM174B	family with sequence similarity 174, member B	ENST00000557398	-0,682401128
A_23_P107454	NM_031958	KRTAP3-1	keratin associated protein 3-1	ENST00000391588	-0,682494365
A_24_P835500	NM_001034841	ITPRIPL2	inositol 1,4,5-trisphosphate receptor interacting protein-like	ENST00000381440	-0,682609558
A_23_P76386	NM_003044	SLC6A12	solute carrier family 6 (neurotransmitter transporter, betair	ENST00000424061	-0,682625318
A_21_P0003499	THC2786806	XLOC_004063			-0,682734006
A_33_P3318530	NR_015364	LOC441204	uncharacterized LOC441204		-0,683033255
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,683229671
A_24_P411899	NM_183419	RNF19A	ring finger protein 19A	ENST00000341084	-0,683274061
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,683693677
A_33_P3265189	NM_001942	DSG1	desmoglein 1		-0,683753729
A_23_P17134	NM_002371	MAL	mal, T-cell differentiation protein	ENST00000309988	-0,683828446
A_23_P90333	NM_001033719	ZNF404	zinc finger protein 404	ENST00000324394	-0,683918706
A_24_P920646	BC035714	CYP19A1	cytochrome P450, family 19, subfamily A, polypeptide 1	ENST00000405913	-0,684028927
A_33_P3382498	NM_001098612	SIGLEC14	sialic acid binding Ig-like lectin 14	ENST00000360844	-0,684060677
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-0,684178144
A_33_P3495234	AJ276510	ORF1	uncharacterized protein, clone pT-Adv JuaX22		-0,684262963
A_24_P102821	NM_000952	PTAFR	platelet-activating factor receptor	ENST00000305392	-0,684561204
A_33_P3214939	NR_003246	GOLGA6L5	golgin A6 family-like 5 (pseudogene)		-0,684584889
A_21_P0014437	XR_109797	LOC100505930	uncharacterized LOC100505930		-0,684601173
A_23_P114164	NM_013444	UBQLN2	ubiquilin 2	ENST00000338222	-0,684758439
A_23_P332713	NM_015174	ZFR2	zinc finger RNA binding protein 2	ENST00000262961	-0,684875966
A_33_P3219197	NM_015527	TBC1D10B	TBC1 domain family, member 10B	ENST00000490703	-0,68493219
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,684978978
A_24_P168994	NM_178571	TBC1D26	TBC1 domain family, member 26	ENST00000491819	-0,685049385
A_23_P11262	NM_012151	F8A1	coagulation factor VIII-associated 1	ENST00000369445	-0,685051688
A_24_P567298	NM_004909	CSAG2	CSAG family, member 2	ENST00000356911	-0,685423221

A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,685505324
A_24_P346431	NM_022748	TNS3	tensin 3	ENST00000398879	-0,685522259
A_19_P00321067	NR_003491	MIAT			-0,685535769
A_33_P3252221	NM_080723	NRSN1	neurensin 1	ENST00000378477	-0,685831294
A_23_P13907	NM_000618	IGF1	insulin-like growth factor 1 (somatomedin C)	ENST00000481539	-0,685886724
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,685969355
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,686031599
A_21_P0012626	BC032464	XLOC_l2_010897			-0,686067169
A_23_P310483	NM_001013842	C8orf58	chromosome 8 open reading frame 58	ENST00000381191	-0,686102954
A_33_P3257609	NM_002481	PPP1R12B	protein phosphatase 1, regulatory subunit 12B	ENST00000367269	-0,686239137
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,68633191
A_24_P941268	NM_007220	CA5B	carbonic anhydrase VB, mitochondrial	ENST00000318636	-0,686362252
A_33_P3316273	NM_002983	CCL3	chemokine (C-C motif) ligand 3	ENST00000470334	-0,686495455
A_24_P388528	NM_173216	ST6GAL1	ST6 beta-galactosamide alpha-2,6-sialyltransferase 1	ENST00000470633	-0,686719299
A_24_P175187	NM_017654	SAMD9	sterile alpha motif domain containing 9	ENST00000379958	-0,686783825
A_24_P203106	NM_002625	PFKFB1	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1	ENST00000374992	-0,686991747
A_24_P6305	NM_006013	RPL10	ribosomal protein L10	ENST00000424325	-0,687279578
A_21_P0000893	NR_040051	LOC100506686	uncharacterized LOC100506686		-0,687282265
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,687409609
A_23_P64860	NM_003006	SELPLG	selectin P ligand	ENST00000550948	-0,687600017
A_23_P10458	NM_018280	C22orf26	chromosome 22 open reading frame 26	ENST00000333761	-0,687643481
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,687774642
A_23_P74229	NM_032017	STK40	serine/threonine kinase 40	ENST00000359297	-0,687925248
A_23_P46871	NM_018344	SLC29A3	solute carrier family 29 (nucleoside transporters), member 3	ENST00000373189	-0,688436558
A_24_P20630	NM_016269	LEF1	lymphoid enhancer-binding factor 1	ENST00000503879	-0,688444216
A_24_P133162	NM_178122	C1orf201	chromosome 1 open reading frame 201	ENST00000337248	-0,688551842
A_23_P334955	NM_053279	FAM167A	family with sequence similarity 167, member A	ENST00000284486	-0,688567848
A_23_P48747	NM_138452	DHRS1	dehydrogenase/reductase (SDR family) member 1	ENST00000396813	-0,688579117
A_23_P338952	NM_022753	S100BP	S100P binding protein	ENST00000373475	-0,688668312

A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,688760514
A_23_P308603	NM_005417	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolo	ENST00000445403	-0,688955274
A_24_P237270	NM_000675	ADORA2A	adenosine A2a receptor	ENST00000417596	-0,688993365
A_23_P357546	NM_015488	PNKD	paroxysmal nonkinesigenic dyskinesia	ENST00000258362	-0,689142544
A_24_P272313	NM_207362	C2orf55	chromosome 2 open reading frame 55	ENST00000397899	-0,689391688
A_24_P208909	NM_015271	TRIM2	tripartite motif containing 2	ENST00000338700	-0,689510811
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,689584094
A_21_P0011125	TCONS_I2_0000672	XLOC_I2_003627			-0,689694684
A_23_P4036	NM_018469	TEX2	testis expressed 2	ENST00000258991	-0,68996617
A_23_P171095	NM_001145073	USP27X	ubiquitin specific peptidase 27, X-linked		-0,690244337
A_21_P0009001	TCONS_00024547	XLOC_011858			-0,690448461
A_23_P55749	NM_015719	COL5A3	collagen, type V, alpha 3	ENST00000264828	-0,690858591
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975	-0,690982688
A_23_P114164	NM_013444	UBQLN2	ubiquilin 2	ENST00000338222	-0,691229552
A_21_P0006521	AF085905	XLOC_008100			-0,691635917
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	-0,691969667
A_24_P941759	NM_017769	G2E3	G2/M-phase specific E3 ubiquitin protein ligase	ENST00000206595	-0,692180199
A_23_P69310	NM_003965	CCRL2	chemokine (C-C motif) receptor-like 2	ENST00000400882	-0,692225703
A_32_P347617	NM_181773	APOBEC3H	apolipoprotein B mRNA editing enzyme, catalytic polypeptid	ENST00000348946	-0,692414762
A_21_P0014356	XR_109436	LOC100507425	uncharacterized LOC100507425		-0,692472219
A_23_P11262	NM_012151	F8A1	coagulation factor VIII-associated 1	ENST00000369445	-0,692524032
A_23_P7250	NM_001263	CDS1	CDP-diacylglycerol synthase (phosphatidate cytidyltransfe	ENST00000295887	-0,692683546
A_33_P3223467	NM_025054	VCPIP1	valosin containing protein (p97)/p47 complex interacting pr	ENST00000310421	-0,692958201
A_23_P150903	NM_018099	FAR2	fatty acyl CoA reductase 2	ENST00000182377	-0,693202113
A_33_P3266674	NM_025224	ZBTB46	zinc finger and BTB domain containing 46	ENST00000302995	-0,693218577
A_33_P3221748	NM_001031680	RUNX3	runt-related transcription factor 3	ENST00000338888	-0,693673692
A_33_P3229552	NM_020862	LRFN1	leucine rich repeat and fibronectin type III domain containir	ENST00000248668	-0,693785982
A_33_P3413989	NM_000062	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	ENST00000405496	-0,693950729
A_23_P116942	NM_002286	LAG3	lymphocyte-activation gene 3	ENST00000203629	-0,694166049

A_32_P480177	NM_022093	TNN	tenascin N	ENST00000239462	-0,694321065
A_23_P98900	NM_025140	CCDC92	coiled-coil domain containing 92	ENST00000238156	-0,694412975
A_23_P30435	NM_006058	TNIP1	TNFAIP3 interacting protein 1	ENST00000417127	-0,694419516
A_23_P36562	NM_002205	ITGA5	integrin, alpha 5 (fibronectin receptor, alpha polypeptide)	ENST00000552564	-0,694502873
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,694766
A_21_P0006597	ENST00000417585	XLOC_008311		ENST00000417585	-0,694843365
A_33_P3415211	NM_002437	MPV17	MpV17 mitochondrial inner membrane protein	ENST00000426513	-0,694894688
A_21_P0000882	NR_040017	LOC100507218	uncharacterized LOC100507218		-0,69506557
A_33_P3240328	NM_002653	PITX1	paired-like homeodomain 1	ENST00000265340	-0,695417309
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,695455382
A_33_P3306264	NM_014400	LYPD3	LY6/PLAUR domain containing 3	ENST00000377995	-0,695466487
A_21_P0012158	CR627388	XLOC_I2_008696			-0,695475977
A_23_P348281	NM_153035	TCEANC2	transcription elongation factor A (SII) N-terminal and centra	ENST00000234827	-0,695506585
A_24_P301454	NR_003108	NBR2	neighbor of BRCA1 gene 2 (non-protein coding)	ENST00000464237	-0,695631779
A_23_P200138	NM_020125	SLAMF8	SLAM family member 8	ENST00000289707	-0,695973843
A_23_P91640	NM_020437	ASPHD2	aspartate beta-hydroxylase domain containing 2	ENST00000215906	-0,696168909
A_24_P193435	NM_003257	TJP1	tight junction protein 1 (zona occludens 1)	ENST00000545208	-0,696227618
A_24_P362540	NM_003887	ASAP2	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2	ENST00000484590	-0,696264985
A_23_P332584	NM_015237	KIAA1107	KIAA1107	ENST00000370378	-0,696391273
A_23_P11262	NM_012151	F8A1	coagulation factor VIII-associated 1	ENST00000369445	-0,69644853
A_23_P11262	NM_012151	F8A1	coagulation factor VIII-associated 1	ENST00000369445	-0,69659583
A_23_P114164	NM_013444	UBQLN2	ubiquilin 2	ENST00000338222	-0,696668315
A_23_P201248	NM_052934	SLC26A9	solute carrier family 26, member 9	ENST00000367134	-0,696710936
A_33_P3269109	NM_001130686	GUCY1A3	guanylate cyclase 1, soluble, alpha 3	ENST00000512983	-0,696896304
A_23_P500130	NM_153186	KANK1	KN motif and ankyrin repeat domains 1	ENST00000382289	-0,696903411
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,696907533
A_23_P47704	NM_003355	UCP2	uncoupling protein 2 (mitochondrial, proton carrier)	ENST00000310473	-0,69693129
A_23_P321846	NM_002251	KCNS1	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000306117	-0,696933709
A_24_P237486	NM_004992	MECP2	methyl CpG binding protein 2 (Rett syndrome)	ENST00000545451	-0,697138214

A_24_P98249	NM_006283	TACC1	transforming, acidic coiled-coil containing protein 1	ENST00000443388	-0,697361957
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,697781285
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,697999348
A_21_P0005189	XR_108720	LOC100507642	uncharacterized LOC100507642		-0,698002589
A_23_P401472	NM_000740	CHRM3	cholinergic receptor, muscarinic 3	ENST00000255380	-0,698219567
A_21_P0008383	TCONS_00022622	XLOC_010922			-0,698414544
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,698418514
A_32_P94722	NM_052893	BTBD9	BTB (POZ) domain containing 9	ENST00000481247	-0,698739568
A_21_P0014444	XR_109837	LOC100507639	uncharacterized LOC100507639		-0,698776724
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,699029321
A_23_P357881	NM_172102	CD8B	CD8b molecule	ENST00000416057	-0,699285654
A_33_P3254320	NM_005490	SH2D3A	SH2 domain containing 3A	ENST00000245908	-0,69983825
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,699976437
A_33_P3247022	NM_057749	CCNE2	cyclin E2	ENST00000308108	-0,700014636
A_24_P96403	NM_001001890	RUNX1	runt-related transcription factor 1	ENST00000344691	-0,700247785
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,700914746
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,701126988
A_24_P168760	NM_004286	GTPBP1	GTP binding protein 1	ENST00000216044	-0,701312226
A_23_P354151	NM_005546	ITK	IL2-inducible T-cell kinase	ENST00000519402	-0,701660328
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,701814857
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,701951034
A_24_P287043	NM_006435	IFITM2	interferon induced transmembrane protein 2 (1-8D)	ENST00000527146	-0,702035586
A_23_P94412	NM_025239	PDCD1LG2	programmed cell death 1 ligand 2	ENST00000397747	-0,702068245
A_23_P114164	NM_013444	UBQLN2	ubiquilin 2	ENST00000338222	-0,702155613
A_23_P163455	NM_002373	MAP1A	microtubule-associated protein 1A	ENST00000399453	-0,702294024
A_23_P44724	NM_001321	CSRP2	cysteine and glycine-rich protein 2	ENST00000548783	-0,702345139
A_23_P11262	NM_012151	F8A1	coagulation factor VIII-associated 1	ENST00000369445	-0,702465245
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,702922833
A_23_P3681	NM_018092	NETO2	neuropilin (NRP) and tolloid (TLL)-like 2	ENST00000303155	-0,702990747

A_23_P11262	NM_012151	F8A1	coagulation factor VIII-associated 1	ENST00000369445	-0,703172876
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,703365311
A_33_P3210059	NM_005877	SF3A1	splicing factor 3a, subunit 1, 120kDa	ENST00000439242	-0,703458757
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,703909342
A_23_P63281	NM_001029885	GLTPD1	glycolipid transfer protein domain containing 1	ENST00000343938	-0,704062066
A_21_P0014847	XR_132718	LOC100506802	uncharacterized LOC100506802		-0,704064996
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,704087736
A_24_P344711	NM_020132	AGPAT3	1-acylglycerol-3-phosphate O-acyltransferase 3	ENST00000398058	-0,70426168
A_33_P3262012	ENST00000373891	CHPF	chondroitin polymerizing factor	ENST00000373891	-0,704292115
A_23_P337934	NM_017556	FBLIM1	filamin binding LIM protein 1	ENST00000400773	-0,704415804
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,704655055
A_33_P3227857	NM_173827	COX18	COX18 cytochrome c oxidase assembly homolog (S. cerevisiae)		-0,704901448
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,705019071
A_33_P3211432	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000289473	-0,705123808
A_24_P385313	NM_002840	PTPRF	protein tyrosine phosphatase, receptor type, F	ENST00000359947	-0,705304479
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,70557754
A_33_P3736195	BX647230	DKFZp686M1130	uncharacterized LOC399832		-0,705727203
A_23_P17065	NM_004591	CCL20	chemokine (C-C motif) ligand 20	ENST00000473642	-0,70584538
A_21_P0010882	ENST00000443523	XLOC_l2_001986		ENST00000443523	-0,706172254
A_24_P82466	NM_201433	GAS7	growth arrest-specific 7	ENST00000323816	-0,706292184
A_24_P85775	NM_001039477	C1orf38	chromosome 1 open reading frame 38	ENST00000373927	-0,706498805
A_33_P3222892	NM_019848	SLC10A3	solute carrier family 10 (sodium/bile acid cotransporter family)	ENST00000393587	-0,706584388
A_33_P3284939	NM_199129	TMEM189	transmembrane protein 189	ENST00000371652	-0,706642971
A_33_P3489646	NM_001080547	SPI1	spleen focus forming virus (SFFV) proviral integration oncogene	ENST00000227163	-0,706666586
A_32_P88262	NM_020949	SLC7A14	solute carrier family 7 (orphan transporter), member 14		-0,706692792
A_33_P3264895	NM_144593	RHEBL1	Ras homolog enriched in brain like 1	ENST00000420065	-0,706936692
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,706975728
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,707064866
A_21_P0000620	NR_033997	LOC386597	uncharacterized LOC386597		-0,707095226

A_23_P133408	NM_000758	CSF2	colony stimulating factor 2 (granulocyte-macrophage)	ENST00000296871	-0,707223158
A_23_P382240	NM_178505	TMEM26	transmembrane protein 26	ENST00000399293	-0,707459372
A_24_P945181	NM_013286	RBM15B	RNA binding motif protein 15B	ENST00000323686	-0,707758092
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,708033147
A_23_P19673	NM_005627	SGK1	serum/glucocorticoid regulated kinase 1	ENST00000367857	-0,708442245
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,708732663
A_23_P107454	NM_031958	KRTAP3-1	keratin associated protein 3-1	ENST00000391588	-0,709146819
A_21_P0006517	THC2671943	XLOC_008072			-0,709223481
A_23_P416434	NM_015288	PHF15	PHD finger protein 15	ENST00000395003	-0,709386299
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,709515738
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,709813673
A_33_P3398331	NM_006690	MMP24	matrix metalloproteinase 24 (membrane-inserted)	ENST00000246186	-0,709958647
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,710123228
A_23_P147431	NM_002350	LYN	v-src-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,710132368
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,710135608
A_24_P193592	NM_001761	CCNF	cyclin F	ENST00000293968	-0,710212351
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,71032775
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,710426716
A_33_P3316068	ENST00000380313	CA5B	carbonic anhydrase VB, mitochondrial	ENST00000380313	-0,710452558
A_23_P423237	NM_000231	SGCG	sarcoglycan, gamma (35kDa dystrophin-associated glycoprotein)	ENST00000537476	-0,710538801
A_23_P11262	NM_012151	F8A1	coagulation factor VIII-associated 1	ENST00000369445	-0,71070493
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,710718606
A_23_P421011	NM_030929	KAZALD1	Kazal-type serine peptidase inhibitor domain 1	ENST00000370200	-0,711129263
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,711332054
A_23_P36825	NM_003979	GPRC5A	G protein-coupled receptor, family C, group 5, member A	ENST00000542056	-0,711359036
A_23_P160214	NM_001080494	TTC39A	tetratricopeptide repeat domain 39A	ENST00000451380	-0,711431928
A_33_P3343220	NM_001029885	GLTPD1	glycolipid transfer protein domain containing 1	ENST00000343938	-0,71147047
A_32_P56249	NR_038996	LOC100131733	uncharacterized LOC100131733	ENST00000478808	-0,711581081
A_23_P131990	NM_014588	VSX1	visual system homeobox 1	ENST00000557285	-0,711660713

A_23_P215214	NM_022458	LMBR1	limb region 1 homolog (mouse)	ENST00000353442	-0,711700455
A_23_P114164	NM_013444	UBQLN2	ubiquilin 2	ENST00000338222	-0,711975303
A_33_P3224803	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000438106	-0,712050525
A_21_P0001688	TCONS_00002073	XLOC_000264			-0,712568421
A_24_P150486	NM_004863	SPTLC2	serine palmitoyltransferase, long chain base subunit 2	ENST00000216484	-0,712572955
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,712597108
A_33_P3419865	XR_112726	LOC646719	uncharacterized LOC646719		-0,712648544
A_23_P111311	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12	ENST00000253332	-0,712653942
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,712679324
A_33_P3236030	ENST00000509709	ARHGAP24	Rho GTPase activating protein 24	ENST00000509709	-0,712689074
A_23_P11262	NM_012151	F8A1	coagulation factor VIII-associated 1	ENST00000369445	-0,712850646
A_33_P3236813	NM_006143	GPR19	G protein-coupled receptor 19	ENST00000332427	-0,713591541
A_23_P37910	NM_002746	MAPK3	mitogen-activated protein kinase 3	ENST00000395202	-0,71370817
A_33_P3376636	NM_001017989	OPA3	optic atrophy 3 (autosomal recessive, with chorea and spas	ENST00000323060	-0,713792517
A_23_P26954	NM_006373	VAT1	vesicle amine transport protein 1 homolog (T. californica)	ENST00000542468	-0,71381108
A_33_P3734378	NR_027118	LOC285954	uncharacterized LOC285954	ENST00000415848	-0,713903455
A_33_P3360072	NM_001161429	RANBP3L	RAN binding protein 3-like	ENST00000296604	-0,71393655
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,713991899
A_19_P00322939	NR_003367	PVT1			-0,714803777
A_23_P113111	NM_000044	AR	androgen receptor	ENST00000544984	-0,714892257
A_33_P3314356	ENST00000315194	PPM1K	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1K	ENST00000315194	-0,714939793
A_33_P3378051	NM_178123	SESTD1	SEC14 and spectrin domains 1		-0,715410177
A_32_P231568	NM_152573	RASEF	RAS and EF-hand domain containing	ENST00000376447	-0,715629794
A_24_P64653	NM_152637	METTL7B	methyltransferase like 7B	ENST00000394252	-0,715854212
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,716039692
A_23_P209978	NM_003385	VSNL1	visinin-like 1	ENST00000404666	-0,716219176
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,71653444
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,716815368
A_23_P345799	NM_173544	FAM129C	family with sequence similarity 129, member C	ENST00000332386	-0,717163769

A_33_P3223990	NM_152263	TPM3	tropomyosin 3		-0,717520374
A_23_P256470	NM_000905	NPY	neuropeptide Y	ENST00000407573	-0,717533005
A_33_P3348782	NM_030622	CYP2S1	cytochrome P450, family 2, subfamily S, polypeptide 1	ENST00000301173	-0,717788673
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,717859164
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,717872015
A_23_P21560	NM_030797	FAM49A	family with sequence similarity 49, member A	ENST00000406434	-0,717943367
A_23_P56559	NM_005771	DHRS9	dehydrogenase/reductase (SDR family) member 9	ENST00000432060	-0,718107066
A_33_P3267208	NM_022048	CSNK1G1	casein kinase 1, gamma 1	ENST00000303052	-0,71833152
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,718621749
A_24_P144303	NR_024608	LOC442459	X-ray repair complementing defective repair pseudogene		-0,718734681
A_33_P3303810	NM_005558	LAD1	ladinin 1	ENST00000367313	-0,718871784
A_23_P208674	NM_175063	C19orf63	chromosome 19 open reading frame 63	ENST00000376918	-0,718923253
A_33_P3390778	NM_025058	TRIM46	tripartite motif containing 46	ENST00000392451	-0,719016283
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,719193068
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,719281325
A_24_P7594	NM_030641	APOL6	apolipoprotein L, 6		-0,720535264
A_33_P3362296	ENST00000396017	KCNG1	potassium voltage-gated channel, subfamily G, member 1	ENST00000396017	-0,720874928
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,720923285
A_23_P256413	NM_138410	CMTM7	CKLF-like MARVEL transmembrane domain containing 7	ENST00000464689	-0,72092724
A_23_P161686	NM_014715	ARHGAP32	Rho GTPase activating protein 32	ENST00000526162	-0,720945402
A_23_P140373	NM_017791	FLVCR2	feline leukemia virus subgroup C cellular receptor family, m	ENST00000238667	-0,721526705
A_21_P0013163	NR_024045	RAET1K	retinoic acid early transcript 1K pseudogene	ENST00000533735	-0,722007698
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,722564434
A_33_P3212804	NM_001010859	C22orf42	chromosome 22 open reading frame 42	ENST00000467813	-0,722608727
A_33_P3585268	NM_002070	GNAI2	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000490122	-0,722777756
A_33_P3256317	NR_024468	LOC730811	uncharacterized LOC730811	ENST00000448106	-0,722781513
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,723064482
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,723352554
A_23_P74290	NM_052942	GBP5	guanylate binding protein 5	ENST00000490568	-0,723835263

A_23_P59654	NM_022150	NPVF	neuropeptide VF precursor	ENST00000222674	-0,724212629
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,724341417
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,724412649
A_21_P0009504	TCONS_00026374	XLOC_012725			-0,724791334
A_23_P133474	NM_002084	GPX3	glutathione peroxidase 3 (plasma)	ENST00000458211	-0,72509307
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,725141053
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-0,7251511
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,725740091
A_23_P48414	NM_003914	CCNA1	cyclin A1	ENST00000418263	-0,726452666
A_33_P3309621	NR_002804	SIGLECP3	sialic acid binding Ig-like lectin, pseudogene 3	ENST00000341811	-0,726501211
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,726632637
A_21_P0003301	TCONS_00007281	XLOC_003284			-0,726706292
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,726945089
A_24_P941359	NM_014722	FAM65B	family with sequence similarity 65, member B	ENST00000259698	-0,727150426
A_33_P3289621	AK090602	LOC283143	uncharacterized LOC283143		-0,727570205
A_24_P204043	NM_014345	ZNF318	zinc finger protein 318	ENST00000318149	-0,727674358
A_21_P0009825	ENST00000449270	XLOC_013457		ENST00000449270	-0,728509057
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,728802204
A_21_P0002907	ENST00000441185	XLOC_003327		ENST00000441185	-0,728886484
A_23_P208493	NM_005874	LILRB2	leukocyte immunoglobulin-like receptor, subfamily B (with	ENST00000434421	-0,72897779
A_33_P3241021	ENST00000416624	CD69	CD69 molecule	ENST00000416624	-0,729022383
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,729198145
A_19_P00317759	EU250746	XLOC_000515			-0,729710628
A_23_P427703	NR_001447	MT1L	metallothionein 1L (gene/pseudogene)		-0,729746202
A_23_P209700	NM_006056	NMUR1	neuromedin U receptor 1	ENST00000305141	-0,729788375
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,729862788
A_21_P0011409	AK125393	LOC100505648	uncharacterized LOC100505648		-0,729960039
A_24_P117410	NM_138433	KLHDC7B	kelch domain containing 7B	ENST00000395676	-0,73016868
A_23_P85240	NM_016562	TLR7	toll-like receptor 7	ENST00000380659	-0,730262725

A_33_P3307163	NM_001134363	RBM20	RNA binding motif protein 20	ENST00000369519	-0,730652424
A_33_P3400374	NM_001037335	PRIC285	peroxisomal proliferator-activated receptor A interacting co	ENST00000427522	-0,73156479
A_23_P319572	NM_001077482	NR1I3	nuclear receptor subfamily 1, group I, member 3	ENST00000367979	-0,73171448
A_21_P0012418	TCONS_I2_0001904	XLOC_I2_010029			-0,73182706
A_21_P0007460	ENST00000534757	XLOC_009399		ENST00000534757	-0,731829229
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,731985868
A_32_P195065	NM_004263	SEMA4F	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000357877	-0,732216771
A_23_P354288	NM_153606	FAM71A	family with sequence similarity 71, member A	ENST00000545975	-0,732248495
A_23_P68031	NM_003151	STAT4	signal transducer and activator of transcription 4	ENST00000392320	-0,732445864
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,732455421
A_33_P3237393	NM_003440	ZNF140	zinc finger protein 140		-0,732514052
A_19_P00315506	NM_001162893	KIAA0040			-0,732801502
A_19_P00806771	XR_132670	LOC100652730	uncharacterized LOC100652730	ENST00000412500	-0,732886591
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,733022793
A_23_P23639	NM_153259	MCOLN2	mucolipin 2	ENST00000530971	-0,733844877
A_21_P0014212	XR_108878	LOC100506910	uncharacterized LOC100506910		-0,734011902
A_24_P829183	XR_108575	FLJ32255	uncharacterized LOC643977		-0,734030855
A_23_P31721	NM_001951	E2F5	E2F transcription factor 5, p130-binding	ENST00000517476	-0,73420952
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,734273304
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,734369062
A_23_P50928	NM_182528	C1QL2	complement component 1, q subcomponent-like 2	ENST00000272520	-0,734488225
A_33_P3262977	NM_001079858	GPR64	G protein-coupled receptor 64	ENST00000397917	-0,73453828
A_33_P3384871	NM_001142522	FBXO5	F-box protein 5	ENST00000477822	-0,734574047
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,734791182
A_33_P3375934	NM_005746	NAMPT	nicotinamide phosphoribosyltransferase	ENST00000222553	-0,734808037
A_33_P3253687	NR_003945	GVINP1	GTPase, very large interferon inducible pseudogene 1		-0,734824706
A_24_P941866	AK096941	C5orf56	chromosome 5 open reading frame 56	ENST00000337752	-0,735207701
A_24_P237443	NM_018990	SASH3	SAM and SH3 domain containing 3	ENST00000356892	-0,735380867
A_21_P0001304	TCONS_00000954	XLOC_000213			-0,735460604

A_33_P3266928	NM_001080434	LMTK3	lemur tyrosine kinase 3	ENST00000270238	-0,735709053
A_33_P3323188	NR_027237	LOC728743	zinc finger protein pseudogene	ENST00000476489	-0,735750056
A_23_P21495	NM_003890	FCGBP	Fc fragment of IgG binding protein	ENST00000221347	-0,735955233
A_33_P3245631	NM_001080494	TTC39A	tetratricopeptide repeat domain 39A	ENST00000524442	-0,736210474
A_33_P3242453	NR_003948	HCG22	HLA complex group 22 (non-protein coding)	ENST00000412408	-0,737454116
A_33_P3307049	AK128478	LOC100129363	uncharacterized LOC100129363		-0,737531433
A_23_P151598	NM_006032	CPNE6	copine VI (neuronal)	ENST00000537691	-0,737592526
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,737973704
A_33_P3290562	NM_000168	GLI3	GLI family zinc finger 3	ENST00000395925	-0,737983758
A_23_P302568	NM_003459	SLC30A3	solute carrier family 30 (zinc transporter), member 3	ENST00000233535	-0,73811687
A_24_P319374	NM_005814	GPA33	glycoprotein A33 (transmembrane)	ENST00000367868	-0,738276306
A_32_P133840	NM_014858	TMCC2	transmembrane and coiled-coil domain family 2	ENST00000358024	-0,738292581
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,73913162
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,740006405
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,740553592
A_32_P902988	NM_002379	MATN1	matrilin 1, cartilage matrix protein	ENST00000373765	-0,74077672
A_21_P0011495	NR_034090	DDX11L9	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11 like 9	ENST00000456328	-0,741200715
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,74184983
A_33_P3400943	NM_001199054	C16orf5	chromosome 16 open reading frame 5	ENST00000399599	-0,741856048
A_23_P436284	NM_178859	OSTBETA	organic solute transporter beta	ENST00000334287	-0,742395246
A_23_P106661	NM_052999	CMTM1	CKLF-like MARVEL transmembrane domain containing 1	ENST00000379490	-0,742396958
A_21_P0004325	TCONS_00010162	XLOC_004625			-0,742455028
A_23_P113111	NM_000044	AR	androgen receptor	ENST00000544984	-0,742682632
A_33_P3359084	ENST00000339381	TAS1R3	taste receptor, type 1, member 3	ENST00000339381	-0,742866311
A_21_P0013512	THC2568453	XLOC_I2_014504			-0,743128099
A_21_P0007793	THC2684861	XLOC_010251			-0,743423595
A_23_P24903	NM_176072	P2RY2	purinergic receptor P2Y, G-protein coupled, 2	ENST00000393597	-0,744081755
A_23_P335452	NM_153367	ZCCHC24	zinc finger, CCHC domain containing 24	ENST00000372336	-0,744132931
A_23_P104762	NM_006106	YAP1	Yes-associated protein 1	ENST00000531439	-0,744256453

A_33_P3211213	NM_024075	TSEN34	tRNA splicing endonuclease 34 homolog (<i>S. cerevisiae</i>)	ENST00000496583	-0,744884654
A_33_P3253394	NM_002287	LAIR1	leukocyte-associated immunoglobulin-like receptor 1		-0,745166971
A_33_P3251776	NM_001142777	HSD3B7	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid	ENST00000262520	-0,745313679
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,746504276
A_23_P49546	NM_000835	GRIN2C	glutamate receptor, ionotropic, N-methyl D-aspartate 2C	ENST00000293190	-0,746791506
A_23_P137366	NM_000491	C1QB	complement component 1, q subcomponent, B chain	ENST00000314933	-0,747400151
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,748147036
A_24_P384029	XR_132490	LOC100130171	hematological and neurological expressed 1 pseudogene		-0,74855111
A_21_P0010536	NM_018284	GBP3	guanylate binding protein 3	ENST00000461384	-0,748609537
A_23_P45087	NM_016220	ZNF107	zinc finger protein 107	ENST00000423627	-0,749319515
A_23_P500381	NM_019859	HTR7	5-hydroxytryptamine (serotonin) receptor 7 (adenylate cycl	ENST00000336152	-0,749420137
A_33_P3236881	NM_001204088	C1orf151-NBL1	C1orf151-NBL1 readthrough	ENST00000375136	-0,749709612
A_23_P304171	NM_001145642	KIAA0226	KIAA0226	ENST00000273582	-0,74983247
A_21_P0013514	TCONS_I2_0002818	XLOC_I2_014504			-0,750501428
A_23_P120002	NM_004510	SP110	SP110 nuclear body protein	ENST00000338556	-0,750902539
A_23_P100711	NM_000304	PMP22	peripheral myelin protein 22	ENST00000312280	-0,751004066
A_33_P3334443	NM_001252271	FAM69A	family with sequence similarity 69, member A	ENST00000370310	-0,751087797
A_23_P394064	NM_012232	PTRF	polymerase I and transcript release factor	ENST00000357037	-0,75127338
A_23_P200096	NM_025106	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1	ENST00000377399	-0,751529041
A_33_P3274930	ENST00000395936	PMP22	peripheral myelin protein 22	ENST00000395936	-0,751700185
A_23_P149529	NM_002353	TACSTD2	tumor-associated calcium signal transducer 2	ENST00000371225	-0,752309236
A_23_P47691	NM_003141	TRIM21	tripartite motif containing 21	ENST00000543625	-0,752367717
A_23_P145175	NM_014345	ZNF318	zinc finger protein 318	ENST00000361428	-0,752428879
A_23_P149221	NM_024602	HECTD3	HECT domain containing 3	ENST00000372172	-0,752429144
A_23_P68922	NM_033386	MICALL1	MICAL-like 1	ENST00000215957	-0,752572297
A_33_P3298861	NM_024628	SLC12A8	solute carrier family 12 (potassium/chloride transporters), r	ENST00000314584	-0,753036717
A_24_P172481	NM_006074	TRIM22	tripartite motif containing 22	ENST00000455293	-0,753050396
A_24_P104407	NM_145728	SYNM	synemin, intermediate filament protein	ENST00000336292	-0,753178648
A_23_P153372	NM_032855	HSH2D	hematopoietic SH2 domain containing	ENST00000253680	-0,753719305

A_21_P0001233	ENST00000433058	XLOC_001230		ENST00000433058	-0,754382439
A_33_P3336780	NM_007188	ABCB8	ATP-binding cassette, sub-family B (MDR/TAP), member 8	ENST00000358849	-0,754449091
A_33_P3242503	NM_199451	ZNF365	zinc finger protein 365	ENST00000410046	-0,754591594
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,754941214
A_24_P215765	NM_024490	ATP10A	ATPase, class V, type 10A	ENST00000555815	-0,755321028
A_24_P154948	NM_002047	GARS	glycyl-tRNA synthetase	ENST00000470392	-0,75545417
A_33_P3846177	NM_001478	B4GALNT1	beta-1,4-N-acetyl-galactosaminyl transferase 1	ENST00000552468	-0,755614823
A_33_P3329023	NM_001252273	FAM69A	family with sequence similarity 69, member A	ENST00000401027	-0,755812851
A_23_P34915	NM_001040619	ATF3	activating transcription factor 3	ENST00000366987	-0,755827531
A_33_P3284394	AK311219	CBR1	carbonyl reductase 1	ENST00000399191	-0,756118829
A_33_P3284129	NM_144586	LYPD1	LY6/PLAUR domain containing 1	ENST00000397463	-0,756159434
A_33_P3341474	NM_001080412	ZBTB38	zinc finger and BTB domain containing 38	ENST00000514251	-0,756267166
A_23_P379475	NM_014762	DHCR24	24-dehydrocholesterol reductase	ENST00000371269	-0,756586213
A_33_P3222424	NM_000759	CSF3	colony stimulating factor 3 (granulocyte)	ENST00000394148	-0,75668394
A_33_P3240353	NM_017767	SLC39A4	solute carrier family 39 (zinc transporter), member 4	ENST00000276833	-0,757147619
A_21_P0007856	TCONS_00021241	XLOC_009926			-0,757490476
A_23_P251316	NM_001331	CTNND1	catenin (cadherin-associated protein), delta 1	ENST00000399050	-0,757727913
A_23_P151075	NM_001175	ARHGDI1	Rho GDP dissociation inhibitor (GDI) beta	ENST00000228945	-0,757734493
A_33_P3376264	ENST00000378938	GK	glycerol kinase	ENST00000378938	-0,758373993
A_24_P378019	NM_004031	IRF7	interferon regulatory factor 7	ENST00000534109	-0,760148635
A_23_P209678	NM_002664	PLEK	pleckstrin	ENST00000234313	-0,76023359
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-0,760233894
A_23_P312920	NM_006235	POU2AF1	POU class 2 associating factor 1	ENST00000393067	-0,760356384
A_23_P32165	NM_004789	LHX2	LIM homeobox 2	ENST00000373615	-0,760500261
A_33_P3298990	NM_014207	CD5	CD5 molecule	ENST00000347785	-0,760603307
A_23_P167468	NM_000949	PRLR	prolactin receptor	ENST00000508107	-0,760630729
A_23_P502224	NM_007326	CYB5R3	cytochrome b5 reductase 3	ENST00000407332	-0,760749617
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	-0,76080714
A_33_P3371154	NM_199451	ZNF365	zinc finger protein 365	ENST00000373784	-0,760860437

A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,761207849
A_33_P3296181	NM_001001437	CCL3L3	chemokine (C-C motif) ligand 3-like 3	ENST00000394484	-0,761390224
A_23_P404494	NM_002185	IL7R	interleukin 7 receptor	ENST00000343305	-0,762008683
A_23_P50000	NM_024792	FAM57A	family with sequence similarity 57, member A	ENST00000451373	-0,76220951
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,762288265
A_23_P106661	NM_052999	CMTM1	CKLF-like MARVEL transmembrane domain containing 1	ENST00000379490	-0,76244907
A_23_P87545	NM_021034	IFITM3	interferon induced transmembrane protein 3	ENST00000531688	-0,762539255
A_33_P3412016	NM_020210	SEMA4B	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000379122	-0,762888607
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,763605325
A_23_P254842	NM_012080	HDHD1	haloacid dehalogenase-like hydrolase domain containing 1	ENST00000544385	-0,763703193
A_23_P42746	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000289473	-0,764062735
A_33_P3309561	NM_001098503	PTPRJ	protein tyrosine phosphatase, receptor type, J	ENST00000440289	-0,764180798
A_21_P0005444	NR_034033	LOC285972	uncharacterized LOC285972		-0,764510293
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,765939476
A_33_P3370404	NM_015368	PANX1	pannexin 1	ENST00000436171	-0,766327307
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,766501437
A_23_P14165	NM_005292	GPR18	G protein-coupled receptor 18	ENST00000340807	-0,766541112
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-0,766747922
A_21_P0010978	AF001893	NEAT1	nuclear paraspeckle assembly transcript 1 (non-protein coding)		-0,767403355
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,767428198
A_23_P77918	NM_006041	HS3ST3B1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	ENST00000360954	-0,767583098
A_23_P137423	NM_052868	IGSF8	immunoglobulin superfamily, member 8	ENST00000358475	-0,767957812
A_33_P3260430	NM_005988	SPRR2A	small proline-rich protein 2A	ENST00000392653	-0,768087949
A_23_P100912	NM_014030	GIT1	G protein-coupled receptor kinase interacting ArfGAP 1	ENST00000394869	-0,768247992
A_23_P32404	NM_002201	ISG20	interferon stimulated exonuclease gene 20kDa	ENST00000546338	-0,76859581
A_23_P137931	NM_000677	ADORA3	adenosine A3 receptor	ENST00000241356	-0,768804506
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,768954182
A_24_P297539	NM_181803	UBE2C	ubiquitin-conjugating enzyme E2C	ENST00000405520	-0,769026461
A_21_P0013071	TCONS_I2_0002467	XLOC_I2_012925			-0,769639147

A_23_P24997	NM_000075	CDK4	cyclin-dependent kinase 4	ENST00000552713	-0,769676152
A_19_P00321761	ENST00000412979	XLOC_002310		ENST00000412979	-0,769724679
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,769924831
A_33_P3270485	NM_014292	CBX6	chromobox homolog 6	ENST00000407418	-0,769926878
A_23_P206901	NM_017668	NDE1	nudE nuclear distribution gene E homolog 1 (A. nidulans)	ENST00000396355	-0,770549319
A_23_P361049	NM_012223	MYO1B	myosin IB	ENST00000439065	-0,770626635
A_23_P100711	NM_000304	PMP22	peripheral myelin protein 22	ENST00000312280	-0,770678964
A_24_P122921	NM_138621	BCL2L11	BCL2-like 11 (apoptosis facilitator)		-0,771120691
A_23_P38346	NM_024119	DHX58	DEXH (Asp-Glu-X-His) box polypeptide 58	ENST00000423748	-0,771510983
A_24_P128308	ENST00000469435	KLF6	Kruppel-like factor 6	ENST00000469435	-0,771630539
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,771677054
A_23_P100711	NM_000304	PMP22	peripheral myelin protein 22	ENST00000312280	-0,771887626
A_21_P0003320	BC040914	XLOC_003738			-0,771984215
A_33_P3242623	NM_014331	SLC7A11	solute carrier family 7 (anionic amino acid transporter light	ENST00000280612	-0,772428742
A_21_P0014110	ENST00000478301	LOC100506673		ENST00000478301	-0,772542741
A_32_P74955	NM_152641	ARID2	AT rich interactive domain 2 (ARID, RFX-like)	ENST00000338636	-0,772609504
A_23_P27400	NM_001523	HAS1	hyaluronan synthase 1	ENST00000540069	-0,772887188
A_33_P3313055	NM_000435	NOTCH3	notch 3	ENST00000263388	-0,772956949
A_23_P340333	NM_033397	ITPRIP	inositol 1,4,5-trisphosphate receptor interacting protein	ENST00000358187	-0,772962798
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,773078527
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	-0,773631123
A_19_P00317953	XR_111691	LOC100508196	uncharacterized LOC100508196		-0,773646826
A_33_P3260575	NM_016174	CERCAM	cerebral endothelial cell adhesion molecule	ENST00000372842	-0,775083033
A_21_P0014154	XR_108621	LOC100507367	uncharacterized LOC100507367		-0,775826535
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-0,776440294
A_32_P56001	NM_012072	CD93	CD93 molecule	ENST00000246006	-0,776497702
A_23_P166686	NM_016201	AMOTL2	angiomin like 2	ENST00000422605	-0,776643743
A_23_P116653	NM_138722	BCL2L14	BCL2-like 14 (apoptosis facilitator)	ENST00000396369	-0,776929207
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	-0,778436071

A_23_P401084	NM_174945	ZNF575	zinc finger protein 575	ENST00000458714	-0,778619432
A_24_P12435	NM_181782	NCOA7	nuclear receptor coactivator 7	ENST00000368357	-0,778821768
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-0,779360646
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,779998676
A_33_P3258041	NM_001037277	GGPS1	geranylgeranyl diphosphate synthase 1	ENST00000358966	-0,78025708
A_21_P0013873	ENST00000427671	XLOC_I2_015842		ENST00000427671	-0,780601119
A_32_P30649	NM_004454	ETV5	ets variant 5	ENST00000306376	-0,780646688
A_21_P0013278	NR_027237	LOC728743	zinc finger protein pseudogene	ENST00000476489	-0,78070673
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,780910636
A_23_P436526	NM_178526	SLC25A42	solute carrier family 25, member 42	ENST00000318596	-0,781414068
A_21_P0009420	TCONS_00026175	XLOC_012586			-0,781801983
A_23_P64611	NM_176798	P2RY6	pyrimidinergic receptor P2Y, G-protein coupled, 6	ENST00000538328	-0,781819787
A_24_P161018	NM_017554	PARP14	poly (ADP-ribose) polymerase family, member 14	ENST00000310290	-0,782340802
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,782553888
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,7826884
A_21_P0013475	TCONS_I2_0002773	XLOC_I2_014191			-0,782862594
A_33_P3409154	NM_015482	SLC22A23	solute carrier family 22, member 23	ENST00000406686	-0,782982511
A_23_P100711	NM_000304	PMP22	peripheral myelin protein 22	ENST00000312280	-0,782997244
A_33_P3369153	NM_002254	KIF3C	kinesin family member 3C		-0,783638132
A_23_P145694	NM_001673	ASNS	asparagine synthetase (glutamine-hydrolyzing)	ENST00000394308	-0,78444913
A_23_P257815	NM_005582	CD180	CD180 molecule	ENST00000256447	-0,784464678
A_23_P9883	NM_001079821	NLRP3	NLR family, pyrin domain containing 3	ENST00000336119	-0,785217531
A_21_P0005649	TCONS_00014594	XLOC_006699			-0,78560238
A_33_P3738458	NM_022648	TNS1	tensin 1	ENST00000171887	-0,786209918
A_23_P19624	NM_001718	BMP6	bone morphogenetic protein 6	ENST00000283147	-0,786362394
A_23_P381017	NM_152559	WBSCR27	Williams Beuren syndrome chromosome region 27	ENST00000297873	-0,786373946
A_23_P100711	NM_000304	PMP22	peripheral myelin protein 22	ENST00000312280	-0,786845957
A_23_P64828	NM_002534	OAS1	2'-5'-oligoadenylate synthetase 1, 40/46kDa	ENST00000377508	-0,787869425
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-0,78856111

A_24_P712562	NM_001085430	C17orf67	chromosome 17 open reading frame 67	ENST00000397862	-0,789152841
A_32_P21246	NR_026791	HCG27	HLA complex group 27 (non-protein coding)	ENST00000416551	-0,789192048
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,789288386
A_23_P139704	NM_001946	DUSP6	dual specificity phosphatase 6	ENST00000279488	-0,789387483
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,789845954
A_33_P3383866	NM_016381	TREX1	three prime repair exonuclease 1	ENST00000422277	-0,79029064
A_33_P3385785	NM_005621	S100A12	S100 calcium binding protein A12	ENST00000368736	-0,790411451
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-0,790488784
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,790890379
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-0,791081532
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-0,791156798
A_21_P0000629	NR_034072	SARS	seryl-tRNA synthetase		-0,791177933
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	-0,791224337
A_24_P30194	NM_012420	IFIT5	interferon-induced protein with tetratricopeptide repeats 5	ENST00000371795	-0,79175805
A_23_P100711	NM_000304	PMP22	peripheral myelin protein 22	ENST00000312280	-0,791925025
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	-0,792334202
A_24_P192301	NM_006080	SEMA3A	sema domain, immunoglobulin domain (Ig), short basic don	ENST00000265362	-0,792692558
A_23_P8571	NM_080744	SRCRB4D	scavenger receptor cysteine rich domain containing, group	ENST00000275560	-0,792745414
A_23_P328621	NM_145053	UBQLNL	ubiquilin-like	ENST00000380184	-0,793194659
A_23_P99785	NM_024643	FAM164C	family with sequence similarity 164, member C	ENST00000439583	-0,793209733
A_19_P00315804	NR_015375	FLJ35024	uncharacterized LOC401491		-0,793293037
A_23_P429478	NM_153038	CCDC140	coiled-coil domain containing 140	ENST00000295226	-0,793371135
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-0,79363188
A_33_P3284508	NM_001174104	CD14	CD14 molecule	ENST00000302014	-0,7941881
A_33_P3305758	NM_001747	CAPG	capping protein (actin filament), gelsolin-like	ENST00000415012	-0,79419147
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	-0,794254238
A_33_P3333820	NM_017811	UBE2R2	ubiquitin-conjugating enzyme E2R 2	ENST00000263228	-0,794348402
A_21_P0000740	NR_038260	HIVEP3	human immunodeficiency virus type I enhancer binding pro	ENST00000491442	-0,794434929
A_23_P100711	NM_000304	PMP22	peripheral myelin protein 22	ENST00000312280	-0,794709079

A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,794777093
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-0,794983611
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,796064864
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,796124301
A_21_P0003549	NR_039975	LOC100506229	uncharacterized LOC100506229	ENST00000515864	-0,796582474
A_21_P0007219	TCONS_00019322	XLOC_009167			-0,796725913
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,796751909
A_33_P3411145	NM_001145191	FAM200B	family with sequence similarity 200, member B	ENST00000504137	-0,796901434
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-0,796909714
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,796927653
A_23_P100711	NM_000304	PMP22	peripheral myelin protein 22	ENST00000312280	-0,797275831
A_23_P100711	NM_000304	PMP22	peripheral myelin protein 22	ENST00000312280	-0,797572291
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-0,797759774
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,79818183
A_24_P527404	NM_004329	BMPR1A	bone morphogenetic protein receptor, type IA	ENST00000224764	-0,798840388
A_23_P81898	NM_006398	UBD	ubiquitin D	ENST00000355973	-0,798844956
A_23_P327140	NM_020914	RNF213	ring finger protein 213	ENST00000411702	-0,799681346
A_23_P251075	NM_005491	MAMLD1	mastermind-like domain containing 1	ENST00000464149	-0,799783762
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	-0,799836006
A_33_P3318117	NM_000765	CYP3A7	cytochrome P450, family 3, subfamily A, polypeptide 7	ENST00000292414	-0,799864089
A_33_P3390057	NM_014220	TM4SF1	transmembrane 4 L six family member 1	ENST00000383054	-0,800011822
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,800187853
A_23_P48596	NM_198232	RNASE1	ribonuclease, RNase A family, 1 (pancreatic)	ENST00000412779	-0,800430173
A_23_P371076	ENST00000472022	KLF12	Kruppel-like factor 12	ENST00000472022	-0,800607887
A_23_P430842	NM_023002	HAPLN4	hyaluronan and proteoglycan link protein 4	ENST00000291481	-0,800612412
A_23_P348383	NM_001080522	CC2D2A	coiled-coil and C2 domain containing 2A	ENST00000510333	-0,800813396
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,800888546
A_21_P0000778	NR_038357	LOC100507331	uncharacterized LOC100507331	ENST00000456638	-0,800899507
A_33_P3346663	NM_004069	AP2S1	adaptor-related protein complex 2, sigma 1 subunit	ENST00000263270	-0,801441015

A_23_P408376	NM_025015	HSPA12A	heat shock 70kDa protein 12A	ENST00000369209	-0,802203673
A_23_P23616	NM_032129	PLEKHN1	pleckstrin homology domain containing, family N member 1	ENST00000379409	-0,802300171
A_23_P100711	NM_000304	PMP22	peripheral myelin protein 22	ENST00000312280	-0,802606033
A_24_P402588	NM_018014	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000489516	-0,802906332
A_23_P77590	NM_018052	VAC14	Vac14 homolog (<i>S. cerevisiae</i>)	ENST00000536184	-0,802986357
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,8033703
A_33_P3286536	NM_002033	FUT4	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid)	ENST00000358752	-0,804061327
A_23_P1374	NM_006257	PRKCQ	protein kinase C, theta	ENST00000539722	-0,8040977
A_33_P3379396	NM_006121	KRT1	keratin 1	ENST00000252244	-0,804298144
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-0,804299553
A_23_P329870	NM_024599	RHBDF2	rhomoid 5 homolog 2 (<i>Drosophila</i>)	ENST00000313080	-0,804391363
A_24_P915196	NM_153045	C9orf91	chromosome 9 open reading frame 91	ENST00000374049	-0,804552965
A_23_P37983	NM_005947	MT1B	metallothionein 1B	ENST00000334346	-0,804861636
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,80501673
A_32_P53524	NM_004822	NTN1	netrin 1	ENST00000173229	-0,805417907
A_23_P255104	NM_005779	LHFPL2	lipoma HMGIC fusion partner-like 2	ENST00000515007	-0,805466379
A_21_P0005987	NR_015361	LOC440896	uncharacterized LOC440896	ENST00000424682	-0,805622601
A_24_P270460	NM_005532	IFI27	interferon, alpha-inducible protein 27	ENST00000555121	-0,806976704
A_21_P0002075	ENST00000448595	XLOC_002221		ENST00000448595	-0,807706298
A_24_P11315	NM_020190	OLFML3	olfactomedin-like 3	ENST00000393300	-0,807919334
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,808177434
A_23_P253317	NM_013308	GPR171	G protein-coupled receptor 171	ENST00000309180	-0,808317748
A_24_P206343	NM_033054	MYO1G	myosin IG	ENST00000488554	-0,80876703
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,808804692
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	-0,808918333
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,80924246
A_33_P3301851	NM_002419	MAP3K11	mitogen-activated protein kinase kinase kinase 11	ENST00000309100	-0,809512162
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,809544566
A_32_P300427	NM_153360	APCDD1L	adenomatosis polyposis coli down-regulated 1-like	ENST00000371149	-0,809875913

A_24_P207139	NM_033238	PML	promyelocytic leukemia	ENST00000268058	-0,810542399
A_33_P3281695	NM_001243133	NLRP3	NLR family, pyrin domain containing 3	ENST00000391827	-0,810573049
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,81062951
A_33_P3237977	NM_197958	LARP6	La ribonucleoprotein domain family, member 6	ENST00000344870	-0,811286469
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,811980624
A_32_P58425	NM_153812	PHF13	PHD finger protein 13	ENST00000377648	-0,813486816
A_21_P0006588	ENST00000444263	XLOC_008276		ENST00000444263	-0,814756037
A_33_P3415430	NM_005346	HSPA1B	heat shock 70kDa protein 1B	ENST00000391548	-0,814993763
A_24_P320033	NM_005191	CD80	CD80 molecule	ENST00000264246	-0,815555757
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,815865759
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,816025367
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,816251213
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,81635399
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	-0,81652046
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	-0,816691846
A_23_P358917	NM_000765	CYP3A7	cytochrome P450, family 3, subfamily A, polypeptide 7	ENST00000336374	-0,817047947
A_23_P62890	NM_002053	GBP1	guanylate binding protein 1, interferon-inducible	ENST00000370473	-0,817086147
A_23_P52761	NM_002423	MMP7	matrix metalloproteinase 7 (matrilysin, uterine)	ENST00000260227	-0,817844078
A_33_P3272921	NM_005224	ARID3A	AT rich interactive domain 3A (BRIGHT-like)	ENST00000263620	-0,818001842
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,818060348
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,819667664
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,820536603
A_24_P380061	NM_001025616	ARHGAP24	Rho GTPase activating protein 24	ENST00000264343	-0,820586081
A_24_P349039	NM_020754	ARHGAP31	Rho GTPase activating protein 31	ENST00000264245	-0,820619173
A_33_P3216933	NM_015191	SIK2	salt-inducible kinase 2	ENST00000304987	-0,820873955
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,820992495
A_33_P3299416	NM_181711	GRASP	GRP1 (general receptor for phosphoinositides 1)-associated	ENST00000293662	-0,821317648
A_32_P128258	NR_002804	SIGLECP3	sialic acid binding Ig-like lectin, pseudogene 3		-0,821454772
A_23_P33364	NM_001009555	SH3D19	SH3 domain containing 19	ENST00000514152	-0,822438075

A_21_P0007850	AK092411	XLOC_009869				-0,823441272
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117		-0,823846094
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387		-0,824478515
A_23_P200829	NM_015326	SRGAP2	SLIT-ROBO Rho GTPase activating protein 2	ENST00000295713		-0,825185919
A_23_P46482	NM_018724	IL20	interleukin 20	ENST00000367096		-0,82536438
A_33_P3264846	NM_152703	SAMD9L	sterile alpha motif domain containing 9-like	ENST00000394472		-0,825560597
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596		-0,826750653
A_33_P3217704	NM_025182	KIAA1539	KIAA1539	ENST00000378566		-0,827001246
A_23_P65442	NM_006084	IRF9	interferon regulatory factor 9	ENST00000396864		-0,828949674
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117		-0,829436991
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117		-0,830671062
A_24_P320665	NM_032581	FAM126A	family with sequence similarity 126, member A	ENST00000432176		-0,831610152
A_21_P0002261	TCONS_00003800	XLOC_001595				-0,83183681
A_21_P0014373	XR_109500	LOC100506419	uncharacterized LOC100506419			-0,832012119
A_24_P324405	NM_013275	ANKRD11	ankyrin repeat domain 11	ENST00000330736		-0,832154001
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402		-0,832263966
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117		-0,832302126
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402		-0,832382763
A_23_P354591	NM_033446	FAM125B	family with sequence similarity 125, member B	ENST00000361171		-0,83254013
A_33_P3372910	NM_014314	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	ENST00000379882		-0,832549493
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557		-0,832741679
A_23_P334664	NM_033247	PML	promyelocytic leukemia	ENST00000395132		-0,832768346
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213		-0,833068871
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557		-0,833402994
A_33_P3287959	NM_006989	RASA4	RAS p21 protein activator 4	ENST00000262940		-0,833886973
A_23_P153562	NM_001736	C5AR1	complement component 5a receptor 1	ENST00000355085		-0,834082434
A_24_P287189	NM_019009	TOLLIP	toll interacting protein	ENST00000317204		-0,834447896
A_24_P208567	NM_003855	IL18R1	interleukin 18 receptor 1	ENST00000409599		-0,834890069
A_23_P154849	NM_138983	OLIG1	oligodendrocyte transcription factor 1	ENST00000426947		-0,836527206

A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,837647257
A_24_P353638	NM_021181	SLAMF7	SLAM family member 7	ENST00000466792	-0,837740812
A_33_P3273173	NM_004651	USP11	ubiquitin specific peptidase 11	ENST00000489030	-0,837874658
A_23_P360754	NM_005099	ADAMTS4	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000367996	-0,83837191
A_23_P1691	NM_002421	MMP1	matrix metallopeptidase 1 (interstitial collagenase)	ENST00000315274	-0,838698176
A_33_P3638471	BC027954	TRGV7	T cell receptor gamma variable 7 (pseudogene)		-0,839329123
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,840183333
A_33_P3213707	NM_025239	PDCD1LG2	programmed cell death 1 ligand 2	ENST00000397745	-0,841504177
A_23_P304682	NM_001424	EMP2	epithelial membrane protein 2	ENST00000359543	-0,841666428
A_33_P3341239	NM_006201	CDK16	cyclin-dependent kinase 16	ENST00000276052	-0,841697176
A_23_P138725	NM_031484	MARVELD1	MARVEL domain containing 1	ENST00000285605	-0,842377055
A_24_P59667	NM_000215	JAK3	Janus kinase 3	ENST00000458235	-0,84318245
A_24_P382187	NM_001552	IGFBP4	insulin-like growth factor binding protein 4	ENST00000269593	-0,84381262
A_33_P3377151	NM_006274	CCL19	chemokine (C-C motif) ligand 19	ENST00000378800	-0,844182983
A_33_P3263538	AF001893	NEAT1	nuclear paraspeckle assembly transcript 1 (non-protein coding)		-0,847701214
A_23_P422071	NM_003782	B3GALT4	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polype	ENST00000383209	-0,84802547
A_24_P379104	NM_006875	PIM2	pim-2 oncogene	ENST00000376509	-0,848375166
A_24_P269062	NM_030964	SPRY4	sprouty homolog 4 (Drosophila)	ENST00000344120	-0,848640097
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,849131589
A_32_P231617	NM_014220	TM4SF1	transmembrane 4 L six family member 1	ENST00000383054	-0,85161815
A_23_P38446	NM_021137	TNFAIP1	tumor necrosis factor, alpha-induced protein 1 (endothelial	ENST00000226225	-0,85167486
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,851828776
A_23_P213562	NM_001992	F2R	coagulation factor II (thrombin) receptor	ENST00000319211	-0,852226617
A_33_P3375859	NR_002712	CXCR2P1	chemokine (C-X-C motif) receptor 2 pseudogene 1	ENST00000439871	-0,852605641
A_23_P1691	NM_002421	MMP1	matrix metallopeptidase 1 (interstitial collagenase)	ENST00000315274	-0,852633752
A_24_P98613	NM_030927	TSPAN14	tetraspanin 14	ENST00000265450	-0,852700454
A_21_P0006016	ENST00000424682	XLOC_007390		ENST00000424682	-0,85325716
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,853314261
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,85381875

A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,853842197
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,854048507
A_24_P275073	NM_139155	ADAMTS14	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000373208	-0,854318456
A_23_P167096	NM_005429	VEGFC	vascular endothelial growth factor C	ENST00000280193	-0,854424779
A_23_P8834	NM_001979	EPHX2	epoxide hydrolase 2, cytoplasmic	ENST00000415449	-0,854816432
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,8584595
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,858925451
A_32_P76720	NM_001031701	NT5DC3	5'-nucleotidase domain containing 3	ENST00000392876	-0,859342394
A_23_P163639	NM_013275	ANKRD11	ankyrin repeat domain 11	ENST00000378330	-0,860345506
A_24_P160466	NM_052899	GPRIN1	G protein regulated inducer of neurite outgrowth 1	ENST00000303991	-0,861513479
A_23_P337155	NM_001082968	TOM1L2	target of myb1-like 2 (chicken)	ENST00000395739	-0,862798111
A_33_P3352827	NM_003037	SLAMF1	signaling lymphocytic activation molecule family member 1	ENST00000355199	-0,863221313
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,863515712
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,864965055
A_23_P1691	NM_002421	MMP1	matrix metallopeptidase 1 (interstitial collagenase)	ENST00000315274	-0,865223289
A_23_P6381	NM_002430	MN1	meningioma (disrupted in balanced translocation) 1	ENST00000302326	-0,865783793
A_33_P3332362	NM_001207026	POU2F2	POU class 2 homeobox 2	ENST00000342301	-0,866448628
A_32_P54553	ENST00000454608	USP41	ubiquitin specific peptidase 41	ENST00000454608	-0,867225211
A_23_P344568	NM_145019	FAM124A	family with sequence similarity 124A	ENST00000280057	-0,867527729
A_23_P125680	NM_017938	FAM70A	family with sequence similarity 70, member A	ENST00000440464	-0,868211136
A_33_P3213064	NM_005419	STAT2	signal transducer and activator of transcription 2, 113kDa	ENST00000556539	-0,868238531
A_24_P398323	NM_001003827	TRIM34	tripartite motif containing 34	ENST00000495668	-0,869187935
A_23_P73609	NM_000266	NDP	Norrie disease (pseudoglioma)	ENST00000378062	-0,870780214
A_23_P1691	NM_002421	MMP1	matrix metallopeptidase 1 (interstitial collagenase)	ENST00000315274	-0,871425302
A_21_P0010039	THC2657240	XLOC_013743			-0,872481993
A_33_P3280044	NM_013275	ANKRD11	ankyrin repeat domain 11	ENST00000378332	-0,873232537
A_33_P3403942	NM_080721	C20orf123	chromosome 20 open reading frame 123	ENST00000279028	-0,876432842
A_33_P3296707	NM_001078173	FAM127C	family with sequence similarity 127, member C	ENST00000391440	-0,876440142
A_33_P3258392	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,87690199

A_33_P3215113	NM_012317	LDOC1	leucine zipper, down-regulated in cancer 1	ENST00000370526	-0,877645
A_33_P3276615	NM_030643	APOL4	apolipoprotein L, 4	ENST00000352371	-0,878504502
A_33_P3319870	NM_001191323	GREM1	gremlin 1	ENST00000322805	-0,878690513
A_23_P27584	NM_001020818	MYADM	myeloid-associated differentiation marker	ENST00000391771	-0,87890974
A_33_P3376965	NM_024111	CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)	ENST00000487220	-0,879096788
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,879127156
A_33_P3319401	ENST00000535396	ARHGAP21	Rho GTPase activating protein 21	ENST00000535396	-0,879358629
A_23_P21376	NM_012301	MAGI2	membrane associated guanylate kinase, WW and PDZ dom:	ENST00000354212	-0,87964603
A_24_P935103	NM_001116	ADCY9	adenylate cyclase 9	ENST00000294016	-0,880196171
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,881539916
A_23_P358597	NM_022361	POPDC3	popeye domain containing 3	ENST00000474760	-0,882102292
A_24_P313418	NM_002990	CCL22	chemokine (C-C motif) ligand 22	ENST00000219235	-0,882985855
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,883079458
A_32_P91902	NM_030927	TSPAN14	tetraspanin 14	ENST00000429989	-0,883183851
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,883284794
A_21_P0014461	XR_109940	LOC100506934	uncharacterized LOC100506934		-0,886043576
A_33_P3367301	NM_152219	GJD3	gap junction protein, delta 3, 31.9kDa		-0,886081987
A_24_P360529	ENST00000396642	PDE7A	phosphodiesterase 7A	ENST00000396642	-0,886094457
A_23_P259344	NM_031890	CECR6	cat eye syndrome chromosome region, candidate 6	ENST00000331437	-0,8867812
A_33_P3357535	NM_030579	CYB5B	cytochrome b5 type B (outer mitochondrial membrane)	ENST00000307892	-0,887074598
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,887587224
A_33_P3289128	NM_001137601	ZBTB42	zinc finger and BTB domain containing 42	ENST00000342537	-0,887807651
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,887811702
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,888475274
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,888730725
A_23_P361448	NM_144665	SESN3	sestrin 3	ENST00000393234	-0,889328258
A_23_P7361	NM_024090	ELOVL6	ELOVL fatty acid elongase 6	ENST00000394607	-0,889469566
A_24_P396753	NM_021643	TRIB2	tribbles homolog 2 (Drosophila)	ENST00000155926	-0,889718725
A_21_P0002334	THC2686815	XLOC_001788			-0,890677085

A_23_P94216	NM_152271	LONRF1	LON peptidase N-terminal domain and ring finger 1	ENST00000526680	-0,891211731
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,89154225
A_23_P308722	NM_145038	CCDC164	coiled-coil domain containing 164	ENST00000288710	-0,891946345
A_19_P00805812	THC2535688	Q5A5F0			-0,892012741
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,893706898
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-0,893846958
A_23_P340848	NM_000960	PTGIR	prostaglandin I2 (prostacyclin) receptor (IP)	ENST00000291294	-0,89386808
A_33_P3354607	NM_002984	CCL4	chemokine (C-C motif) ligand 4	ENST00000250151	-0,894186859
A_33_P3416473	NR_024390	LOC646999	akirin 1 pseudogene		-0,895148465
A_24_P356916	NM_001011554	SLC13A3	solute carrier family 13 (sodium-dependent dicarboxylate tr	ENST00000279027	-0,895470841
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,895662462
A_24_P148717	NM_001295	CCR1	chemokine (C-C motif) receptor 1	ENST00000296140	-0,895822941
A_23_P144916	NM_005110	GFPT2	glutamine-fructose-6-phosphate transaminase 2	ENST00000253778	-0,895977876
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,896492153
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,896649394
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,897409438
A_23_P51231	NM_001031680	RUNX3	runt-related transcription factor 3	ENST00000308873	-0,897973235
A_33_P3403107	NM_199285	PRR19	proline rich 19	ENST00000341747	-0,898470543
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,898651561
A_21_P0010405	THC2613584	XLOC_014192			-0,898908778
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,898988397
A_33_P3281191	NM_002508	NID1	nidogen 1	ENST00000366595	-0,899477431
A_33_P3246833	NM_173843	IL1RN	interleukin 1 receptor antagonist	ENST00000259206	-0,900842463
A_23_P49539	NM_001080519	BAHCC1	BAH domain and coiled-coil containing 1	ENST00000307745	-0,901540327
A_32_P96000	NM_001004341	ETV3L	ets variant 3-like	ENST00000454449	-0,901780237
A_23_P303455	NM_153832	GPR161	G protein-coupled receptor 161	ENST00000367835	-0,901881885
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,902415679
A_33_P3275846	NM_023035	CACNA1A	calcium channel, voltage-dependent, P/Q type, alpha 1A sub	ENST00000357018	-0,90291166
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,903670579

A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-0,904025448
A_33_P3372979	NR_015451	LINC00294	long intergenic non-protein coding RNA 294		-0,90409854
A_21_P0000818	NR_038847	LOC100505576	uncharacterized LOC100505576		-0,904140186
A_33_P3610406	NR_028501	ECEL1P2	endothelin converting enzyme-like 1, pseudogene 2	ENST00000461596	-0,904424859
A_23_P127584	NM_006169	NNMT	nicotinamide N-methyltransferase	ENST00000299964	-0,904967688
A_33_P3322999	NM_001164375	C10orf105	chromosome 10 open reading frame 105	ENST00000398786	-0,905472369
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,906236129
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,907130964
A_33_P3225522	NM_001032731	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000449768	-0,907176205
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,90814724
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,909076177
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,9092561
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,909561967
A_24_P329795	NM_007021	C10orf10	chromosome 10 open reading frame 10	ENST00000298295	-0,910317406
A_33_P3299525	NM_001029859	KCTD21	potassium channel tetramerisation domain containing 21	ENST00000340067	-0,910948111
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,91113317
A_23_P819	NM_005101	ISG15	ISG15 ubiquitin-like modifier	ENST00000379389	-0,911777493
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,912096071
A_33_P3423949	NM_005189	CBX2	chromobox homolog 2	ENST00000310942	-0,912582487
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,913053112
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,913409153
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,913700986
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,913711159
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,914253325
A_23_P501754	NM_000759	CSF3	colony stimulating factor 3 (granulocyte)	ENST00000394149	-0,914797362
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,914884579
A_23_P145874	NM_152703	SAMD9L	sterile alpha motif domain containing 9-like	ENST00000411955	-0,914898651
A_32_P162374	NM_173529	C18orf54	chromosome 18 open reading frame 54	ENST00000300091	-0,914940118
A_33_P3393766	NM_001130677	C17orf96	chromosome 17 open reading frame 96	ENST00000325814	-0,915301698

A_24_P115199	NM_001037165	FO XK1	forkhead box K1	ENST00000328914	-0,916276847
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,916672785
A_23_P364613	NM_138413	HOGA1	4-hydroxy-2-oxoglutarate aldolase 1	ENST00000370646	-0,917020284
A_33_P3321697	NM_022140	EPB41L4A	erythrocyte membrane protein band 4.1 like 4A	ENST00000261486	-0,917029769
A_33_P3315906	NM_032611	PTP4A3	protein tyrosine phosphatase type IVA, member 3	ENST00000521578	-0,91759957
A_23_P94030	NM_002291	LAMB1	laminin, beta 1	ENST00000222399	-0,918669906
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-0,918957656
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,919902027
A_33_P3692979	AK093862	LOC283485	uncharacterized LOC283485		-0,920336347
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	-0,920422195
A_33_P3360341	NM_001002295	GATA3	GATA binding protein 3	ENST00000379328	-0,920682422
A_33_P3687198	AK094730	LOC283454	uncharacterized LOC283454		-0,920812167
A_24_P335305	NM_006187	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	ENST00000323881	-0,921783826
A_23_P410965	NM_020888	KIAA1522	KIAA1522	ENST00000401073	-0,922198148
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,922457101
A_32_P9543	NM_145699	APOBEC3A	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000402255	-0,922774554
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,923041298
A_33_P3672756	XR_112106	LOC284561	uncharacterized LOC284561		-0,923083343
A_23_P60146	NM_006207	PDGFRL	platelet-derived growth factor receptor-like	ENST00000251630	-0,924024686
A_23_P6293	NM_018961	UBASH3A	ubiquitin associated and SH3 domain containing A	ENST00000473381	-0,925852917
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,927237768
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-0,932090412
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,934898523
A_24_P295010	NM_004155	SERPINB9	serpin peptidase inhibitor, clade B (ovalbumin), member 9	ENST00000380698	-0,935317352
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,935862732
A_21_P0000015	NM_001146106	PARP9	poly (ADP-ribose) polymerase family, member 9	ENST00000462315	-0,936587911
A_23_P129717	NM_080663	ERI2	ERI1 exoribonuclease family member 2	ENST00000300005	-0,936866797
A_24_P766716	NM_001142343	CMKLR1	chemokine-like receptor 1	ENST00000312143	-0,937156
A_23_P338479	NM_014143	CD274	CD274 molecule	ENST00000381577	-0,938293143

A_33_P3376971	NM_024111	CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)	ENST00000446533	-0,938721118
A_23_P337262	NM_153000	APCDD1	adenomatosis polyposis coli down-regulated 1	ENST00000423585	-0,939038735
A_21_P0014427	ENST00000441316	LOC100506544		ENST00000441316	-0,939413665
A_23_P407096	NM_152625	ZNF366	zinc finger protein 366	ENST00000318442	-0,93977016
A_23_P20122	NM_024625	ZC3HAV1	zinc finger CCCH-type, antiviral 1	ENST00000471652	-0,941232316
A_23_P126593	NM_005620	S100A11	S100 calcium binding protein A11	ENST00000271638	-0,941237406
A_24_P336718	NM_002871	RABIF	RAB interacting factor	ENST00000367262	-0,941498497
A_21_P0003409	ENST00000515860	XLOC_003709		ENST00000515860	-0,941671786
A_33_P3225625	NM_001003799	TARP	TCR gamma alternate reading frame protein	ENST00000443402	-0,942116394
A_23_P13382	NM_001013254	LSP1	lymphocyte-specific protein 1	ENST00000406638	-0,942380708
A_21_P0004271	ENST00000508366	ATP6AP1L	ATPase, H+ transporting, lysosomal accessory protein 1-like	ENST00000508366	-0,943635253
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,943650336
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,9437909
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,947244305
A_24_P753476	NR_002942	LOC340508	growth arrest-specific 2 like 1 pseudogene		-0,949845373
A_24_P305570	NM_018993	RIN2	Ras and Rab interactor 2	ENST00000255006	-0,950396613
A_23_P300150	NM_172387	NFATC1	nuclear factor of activated T-cells, cytoplasmic, calcineurin-	ENST00000318065	-0,950540501
A_33_P3381513	NM_014143	CD274	CD274 molecule	ENST00000492923	-0,951085008
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,951413161
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,951794888
A_33_P3283824	NM_001135147	SLC39A8	solute carrier family 39 (zinc transporter), member 8	ENST00000424970	-0,951993427
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,952362992
A_33_P3248439	NM_033446	FAM125B	family with sequence similarity 125, member B	ENST00000361171	-0,953211438
A_23_P1602	NM_006779	CDC42EP2	CDC42 effector protein (Rho GTPase binding) 2	ENST00000544348	-0,953632724
A_23_P83200	NM_152572	AK8	adenylate kinase 8	ENST00000467161	-0,953732164
A_21_P0014570	ENST00000547027	LOC100505814		ENST00000547027	-0,953798538
A_23_P218770	NM_002872	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, small	ENST00000249071	-0,953931199
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,953933081
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,955552169

A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,956299224
A_33_P3215198	BC141802	CMPK2	cytidine monophosphate (UMP-CMP) kinase 2, mitochondri	ENST00000404168	-0,956909695
A_24_P414376	NM_016531	KLF3	Kruppel-like factor 3 (basic)	ENST00000261438	-0,956975377
A_24_P54131	NM_022836	DCLRE1B	DNA cross-link repair 1B	ENST00000369563	-0,957877317
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,958694487
A_33_P3697530	NM_001142287	SEMA4D	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000469653	-0,959468141
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,959565752
A_23_P259141	NM_030776	ZBP1	Z-DNA binding protein 1	ENST00000461547	-0,959903372
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,960494171
A_33_P3263232	NM_030891	LRR3	leucine rich repeat containing 3	ENST00000291592	-0,960809151
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-0,96123679
A_24_P335620	NM_003486	SLC7A5	solute carrier family 7 (amino acid transporter light chain, L	ENST00000261622	-0,96148235
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,962012528
A_33_P3282566	NM_017728	TMEM104	transmembrane protein 104	ENST00000335464	-0,962203944
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-0,962312486
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,962730049
A_33_P3230254	NM_022346	NCAPG	non-SMC condensin I complex, subunit G	ENST00000251496	-0,963413673
A_23_P66891	NM_012121	CDC42EP4	CDC42 effector protein (Rho GTPase binding) 4	ENST00000335793	-0,964207432
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,964320358
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,965818994
A_23_P216655	NM_014788	TRIM14	tripartite motif containing 14	ENST00000341469	-0,96739705
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,968686327
A_33_P3328360	NR_027033	MIRLET7BHG	MIRLET7B host gene (non-protein coding)	ENST00000360737	-0,969083276
A_24_P416997	NM_145641	APOL3	apolipoprotein L, 3	ENST00000397287	-0,971840845
A_32_P4626	XR_108654	LOC100505880	uncharacterized LOC100505880		-0,973573445
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,973703791
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,973769932
A_23_P307761	NM_031215	CABLES2	Cdk5 and Abl enzyme substrate 2	ENST00000279101	-0,980743687
A_32_P525524	NM_178495	ITPRIPL1	inositol 1,4,5-trisphosphate receptor interacting protein-like	ENST00000439118	-0,981625665

A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-0,981634889
A_23_P29773	NM_014398	LAMP3	lysosomal-associated membrane protein 3	ENST00000265598	-0,982135173
A_23_P386478	NM_024873	TNIP3	TNFAIP3 interacting protein 3	ENST00000511909	-0,982168816
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,983249687
A_21_P0013808	THC2666070	XLOC_I2_015673			-0,984106233
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-0,9845836
A_23_P94754	NM_005118	TNFSF15	tumor necrosis factor (ligand) superfamily, member 15	ENST00000374044	-0,984595971
A_23_P139786	NM_003733	OASL	2'-5'-oligoadenylate synthetase-like	ENST00000257570	-0,987977963
A_32_P44394	NM_004833	AIM2	absent in melanoma 2	ENST00000368130	-0,989719978
A_33_P3269388	NM_001146082	MBOAT7	membrane bound O-acyltransferase domain containing 7	ENST00000391754	-0,99004021
A_32_P152195	NM_198993	STAC2	SH3 and cysteine rich domain 2	ENST00000333461	-0,991297908
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-0,991834325
A_23_P207564	NM_002984	CCL4	chemokine (C-C motif) ligand 4	ENST00000250151	-0,994164004
A_33_P3258046	NM_170685	TAC4	tachykinin 4 (hemokinin)	ENST00000334568	-0,99449841
A_23_P75299	NM_022126	LHPP	phospholysine phosphohistidine inorganic pyrophosphate p	ENST00000368842	-0,994923598
A_23_P422831	NM_004816	FAM189A2	family with sequence similarity 189, member A2	ENST00000257515	-0,995634413
A_23_P33326	NM_000679	ADRA1B	adrenergic, alpha-1B-, receptor		-0,996503213
A_23_P134854	NM_194284	CLDN23	claudin 23	ENST00000519106	-0,997072491
A_21_P0005154	TCONS_00012648	XLOC_005589			-0,997476545
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,998304841
A_33_P3705884	AK094188	LOC148189	uncharacterized LOC148189		-0,998343361
A_23_P123172	NR_002157	OR2A9P	olfactory receptor, family 2, subfamily A, member 9 pseudo	ENST00000461471	-0,999473329
A_32_P71571	NM_182522	FAM19A4	family with sequence similarity 19 (chemokine (C-C motif)-li	ENST00000295569	-1,000527815
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,000541036
A_23_P160902	NM_001170631	FCAMR	Fc receptor, IgA, IgM, high affinity	ENST00000367087	-1,00123479
A_23_P17354	NM_024034	GDAP1L1	ganglioside-induced differentiation-associated protein 1-like	ENST00000438466	-1,002308119
A_23_P210708	NM_001040022	SIRPA	signal-regulatory protein alpha	ENST00000358771	-1,002687884
A_21_P0010669	TCONS_I2_0000176:	XLOC_I2_001302			-1,002719057
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,004358614

A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-1,006308969
A_33_P3373459	NM_018641	CHST12	carbohydrate (chondroitin 4) sulfotransferase 12	ENST00000258711	-1,008595484
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,008744165
A_21_P0007606	TCONS_00020518	XLOC_009836			-1,009711594
A_33_P3236661	BC150296	PCDH9	protocadherin 9		-1,012574659
A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-1,012593007
A_23_P103775	NM_032270	LRRC8C	leucine rich repeat containing 8 family, member C	ENST00000370454	-1,013440717
A_23_P106844	NM_005953	MT2A	metallothionein 2A	ENST00000245185	-1,013457754
A_23_P50368	NM_206818	OSCAR	osteoclast associated, immunoglobulin-like receptor	ENST00000358375	-1,013471902
A_33_P3295200	NM_001523	HAS1	hyaluronan synthase 1	ENST00000376738	-1,013659078
A_23_P217845	NM_002928	RGS16	regulator of G-protein signaling 16	ENST00000367558	-1,01663808
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,016977389
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,018043105
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-1,018521139
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,019177156
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,019677928
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,019792032
A_33_P3399263	NM_001243539	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-1,020052085
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-1,021176119
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,023348489
A_33_P3250383	NM_033133	CNP	2',3'-cyclic nucleotide 3' phosphodiesterase		-1,024471
A_23_P138680	NM_172200	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-1,024478934
A_23_P423331	NM_032536	NTNG2	netrin G2	ENST00000360670	-1,024941216
A_23_P362659	NM_002468	MYD88	myeloid differentiation primary response gene (88)	ENST00000484513	-1,025433848
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-1,025650075
A_24_P45446	NM_052941	GBP4	guanylate binding protein 4	ENST00000471938	-1,025913629
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,027507337
A_24_P245379	NM_002575	SERPINB2	serpin peptidase inhibitor, clade B (ovalbumin), member 2	ENST00000457692	-1,027576512
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,028314374

A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,028926263
A_23_P36397	NM_000785	CYP27B1	cytochrome P450, family 27, subfamily B, polypeptide 1	ENST00000228606	-1,028935848
A_23_P145863	NM_005620	S100A11	S100 calcium binding protein A11	ENST00000271638	-1,02898084
A_19_P00805272	NM_001145206	KIAA1671		ENST00000358431	-1,029836847
A_21_P0001003	ENST00000420156	XLOC_000352		ENST00000420156	-1,030003876
A_24_P68783	NM_012275	IL36RN	interleukin 36 receptor antagonist	ENST00000393200	-1,030202554
A_33_P3235213	NM_173799	TIGIT	T cell immunoreceptor with Ig and ITIM domains	ENST00000485814	-1,031033018
A_24_P238499	NM_001012716	C18orf56	chromosome 18 open reading frame 56	ENST00000323813	-1,031595353
A_32_P101031	NM_144586	LYPD1	LY6/PLAUR domain containing 1	ENST00000397463	-1,032098603
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-1,032152091
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-1,032605431
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-1,03314214
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,033556624
A_24_P303091	NM_001565	CXCL10	chemokine (C-X-C motif) ligand 10	ENST00000306602	-1,033577586
A_24_P133488	NM_017955	CDCA4	cell division cycle associated 4	ENST00000392590	-1,034315725
A_23_P358944	NM_033244	PML	promyelocytic leukemia	ENST00000435786	-1,035474725
A_23_P6535	NM_138433	KLHDC7B	kelch domain containing 7B	ENST00000395676	-1,037611986
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,038281404
A_24_P788878	NM_001007595	C2CD4B	C2 calcium-dependent domain containing 4B	ENST00000380392	-1,038487399
A_24_P235266	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000403097	-1,038885695
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,03980393
A_23_P127288	NM_000417	IL2RA	interleukin 2 receptor, alpha	ENST00000379954	-1,040354362
A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-1,040651681
A_24_P114249	NM_004482	GALNT3	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000392701	-1,040746251
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,040890487
A_23_P13094	NM_002425	MMP10	matrix metalloproteinase 10 (stromelysin 2)	ENST00000279441	-1,040963464
A_32_P166693	NM_020733	HEG1	HEG homolog 1 (zebrafish)	ENST00000311127	-1,0410224
A_24_P158718	NM_015177	DTX4	deltex homolog 4 (Drosophila)	ENST00000227451	-1,041074569
A_32_P224522	NM_024103	SLC25A23	solute carrier family 25 (mitochondrial carrier; phosphate c:	ENST00000301454	-1,041845248

A_33_P3214745	NM_001024680	FBXO48	F-box protein 48	ENST00000377957	-1,041998108
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,0423739
A_23_P351148	NM_053282	SH2D1B	SH2 domain containing 1B	ENST00000359567	-1,042706002
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,043497874
A_32_P169406	NR_026656	LOC400043	uncharacterized LOC400043		-1,044104888
A_23_P49759	NM_002981	CCL1	chemokine (C-C motif) ligand 1	ENST00000225842	-1,045647533
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-1,048122635
A_23_P216225	NM_004430	EGR3	early growth response 3	ENST00000317216	-1,048296974
A_33_P3262575	NM_018842	BAIAP2L1	BAI1-associated protein 2-like 1	ENST00000005260	-1,048323837
A_24_P299685	NM_198389	PDPN	podoplanin	ENST00000487038	-1,04959201
A_33_P3340154	NM_022719	DGCR14	DiGeorge syndrome critical region gene 14	ENST00000252137	-1,052221592
A_21_P0002052	TCONS_00003286	XLOC_002099			-1,052355152
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,053694485
A_24_P322635	NM_182764	ELMO2	engulfment and cell motility 2	ENST00000396391	-1,054029608
A_33_P3407013	ENST00000420258	IL6	interleukin 6 (interferon, beta 2)	ENST00000420258	-1,05452923
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,055480686
A_33_P3308332	NM_021200	PLEKHB1	pleckstrin homology domain containing, family B (evectins)	ENST00000426191	-1,055763162
A_23_P55649	NM_001462	FPR2	formyl peptide receptor 2	ENST00000340023	-1,05616703
A_23_P25674	NM_001823	CKB	creatine kinase, brain	ENST00000553652	-1,057628667
A_33_P3249589	NM_022893	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000358510	-1,059694822
A_33_P3295203	NM_001523	HAS1	hyaluronan synthase 1	ENST00000376737	-1,063551605
A_23_P370682	NM_138456	BATF2	basic leucine zipper transcription factor, ATF-like 2	ENST00000527454	-1,06366493
A_23_P127186	NM_206862	TACC2	transforming, acidic coiled-coil containing protein 2	ENST00000368997	-1,064170635
A_33_P3380383	NM_001099221	TIFAB	TRAF-interacting protein with forkhead-associated domain,	ENST00000537858	-1,065314058
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-1,067331218
A_33_P3362291	AK001351	FLJ10489	uncharacterized protein FLJ10489	ENST00000503718	-1,067672954
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,068969497
A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-1,069760791
A_23_P302672	BC013592	DDIT4L	DNA-damage-inducible transcript 4-like		-1,070724191

A_19_P00801649	XR_132670	LOC100652730	uncharacterized LOC100652730	ENST00000412500	-1,070858961
A_33_P3219591	NM_020954	RNF213	ring finger protein 213	ENST00000319921	-1,071504618
A_32_P222961	NM_001012968	SPIN4	spindlin family, member 4	ENST00000374884	-1,07239992
A_21_P0014094	XR_108415	LOC100288092	uncharacterized LOC100288092		-1,073693823
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,075778136
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,078006914
A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-1,079782032
A_23_P132159	NM_017414	USP18	ubiquitin specific peptidase 18	ENST00000215794	-1,080286789
A_24_P348806	NM_175058	PLEKHA7	pleckstrin homology domain containing, family A member 7	ENST00000448080	-1,082123195
A_24_P230563	NM_000417	IL2RA	interleukin 2 receptor, alpha	ENST00000447847	-1,08354214
A_23_P393620	NM_006528	TFPI2	tissue factor pathway inhibitor 2	ENST00000222543	-1,085923816
A_32_P24585	NM_001017995	SH3PXD2B	SH3 and PX domains 2B	ENST00000311601	-1,094397239
A_33_P3228460	NM_001136007	FXD3	FXD domain containing ion transport regulator 3	ENST00000535103	-1,095691952
A_24_P7121	NM_024677	NSUN7	NOP2/Sun domain family, member 7	ENST00000381782	-1,098320729
A_32_P74409	NM_001145033	C11orf96	chromosome 11 open reading frame 96	ENST00000528572	-1,098543879
A_33_P3225512	NM_002535	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000392583	-1,105226349
A_33_P3423941	NM_003641	IFITM1	interferon induced transmembrane protein 1 (9-27)	ENST00000408968	-1,105285985
A_33_P3358342	NM_005067	SIAH2	seven in absentia homolog 2 (Drosophila)	ENST00000312960	-1,105323193
A_33_P3222917	NM_001024736	CD276	CD276 molecule	ENST00000318443	-1,106156287
A_21_P0013613	TCONS_I2_0002916: XLOC_I2_015090				-1,106519315
A_23_P42353	NM_016135	ETV7	ets variant 7	ENST00000339796	-1,108313322
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,111881068
A_32_P83845	NM_001040708	HEY1	hairy/enhancer-of-split related with YRPW motif 1	ENST00000337919	-1,11435057
A_24_P472007	NM_001080421	UNC13A	unc-13 homolog A (C. elegans)	ENST00000252773	-1,11461141
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-1,116779202
A_23_P126649	NM_024554	PGBD5	piggyBac transposable element derived 5	ENST00000321327	-1,117448584
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,118470451
A_24_P261169	NM_006378	SEMA4D	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000422704	-1,120267524
A_23_P166797	NM_022147	RTP4	receptor (chemosensory) transporter protein 4	ENST00000259030	-1,123049291

A_23_P17663	NM_002462	MX1	myxovirus (influenza virus) resistance 1, interferon-inducibl	ENST00000455164	-1,124061039
A_24_P70183	NM_001040113	MYH11	myosin, heavy chain 11, smooth muscle	ENST00000452625	-1,124111227
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-1,124245237
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-1,124372027
A_24_P350759	NM_004171	SLC1A2	solute carrier family 1 (glial high affinity glutamate transpor	ENST00000278379	-1,12479017
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,125078666
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,125160371
A_23_P17053	NM_019618	IL36G	interleukin 36, gamma	ENST00000259205	-1,127893701
A_23_P343398	NM_001838	CCR7	chemokine (C-C motif) receptor 7	ENST00000246657	-1,128820883
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,13279125
A_32_P60065	NM_004101	F2RL2	coagulation factor II (thrombin) receptor-like 2	ENST00000296641	-1,133117836
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,134246016
A_23_P320113	NM_080725	SRXN1	sulfiredoxin 1	ENST00000427916	-1,134601149
A_33_P3298810	NM_005304	FFAR3	free fatty acid receptor 3	ENST00000454971	-1,13616231
A_24_P112941	NM_032808	LINGO1	leucine rich repeat and Ig domain containing 1	ENST00000355300	-1,137671625
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,137752377
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,13854514
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,139165817
A_24_P363548	NM_005338	HIP1	huntingtin interacting protein 1	ENST00000336926	-1,14237631
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,143641368
A_23_P64617	NM_012193	FZD4	frizzled family receptor 4	ENST00000531380	-1,145058649
A_32_P75264	NM_178505	TMEM26	transmembrane protein 26	ENST00000399298	-1,145199675
A_23_P123853	NM_006274	CCL19	chemokine (C-C motif) ligand 19	ENST00000485502	-1,151778589
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,151869437
A_33_P3210099	NM_020778	ALPK3	alpha-kinase 3	ENST00000258888	-1,156422948
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,156953877
A_24_P107317	NM_004205	USP2	ubiquitin specific peptidase 2	ENST00000260187	-1,157506861
A_24_P330303	NM_001042481	FRMD6	FERM domain containing 6	ENST00000557522	-1,157729478
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,161732649

A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,164681027
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,165853394
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,168050305
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,168188507
A_33_P3304668	NM_000088	COL1A1	collagen, type I, alpha 1	ENST00000225964	-1,168864461
A_23_P208293	NM_001042724	PVRL2	poliovirus receptor-related 2 (herpesvirus entry mediator B)	ENST00000252483	-1,169664925
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,17104582
A_23_P6263	NM_002463	MX2	myxovirus (influenza virus) resistance 2 (mouse)	ENST00000330714	-1,173263966
A_33_P3734384	AK097526	LOC285957	uncharacterized LOC285957		-1,17376768
A_24_P197964	NM_014788	TRIM14	tripartite motif containing 14	ENST00000341469	-1,174257208
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,175744694
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,17630305
A_21_P0001988	ENST00000433724	XLOC_001932		ENST00000433724	-1,178017711
A_23_P361014	NM_020856	TSHZ3	teashirt zinc finger homeobox 3	ENST00000240587	-1,181403637
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,182514015
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,182800567
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,183667259
A_23_P432947	NM_013372	GREM1	gremlin 1	ENST00000300177	-1,184609502
A_23_P142872	NM_031283	TCF7L1	transcription factor 7-like 1 (T-cell specific, HMG-box)	ENST00000282111	-1,185223234
A_23_P401547	NM_015480	PVRL3	poliovirus receptor-related 3	ENST00000319792	-1,185893335
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,186034074
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,187214917
A_23_P320578	NM_002928	RGS16	regulator of G-protein signaling 16	ENST00000367558	-1,187381627
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,190093618
A_33_P3357609	NM_001160419	ZBP1	Z-DNA binding protein 1	ENST00000343535	-1,190188059
A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-1,190547252
A_21_P0005162	AK055022	XLOC_005681			-1,192009795
A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-1,193630847
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,19732808

A_23_P161698	NM_002422	MMP3	matrix metalloproteinase 3 (stromelysin 1, progelatinase)	ENST00000299855	-1,198545829
A_23_P59261	NM_006670	TPBG	trophoblast glycoprotein	ENST00000535040	-1,19962433
A_24_P304071	NM_001547	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	ENST00000371826	-1,201682569
A_33_P3381671	BC016366	LOC731424	uncharacterized LOC731424		-1,202455169
A_24_P79617	NM_014656	KIAA0040	KIAA0040		-1,203737039
A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-1,207224683
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,209065141
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,216136007
A_23_P156687	NM_001710	CFB	complement factor B	ENST00000546515	-1,223767569
A_23_P336612	NM_173528	C15orf26	chromosome 15 open reading frame 26	ENST00000286732	-1,225479336
A_33_P3352467	NM_001050	SSTR2	somatostatin receptor 2	ENST00000357585	-1,228105582
A_23_P152838	NM_002985	CCL5	chemokine (C-C motif) ligand 5	ENST00000463941	-1,233701494
A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-1,234362229
A_33_P3220470	NM_005585	SMAD6	SMAD family member 6	ENST00000338426	-1,238075751
A_33_P3415032	NM_002232	KCNA3	potassium voltage-gated channel, shaker-related subfamily,	ENST00000369769	-1,246003638
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,246642703
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,248008826
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,249856934
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,249965907
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,251444311
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,253403315
A_33_P3415052	NM_001172292	NIPAL4	NIPA-like domain containing 4		-1,257255426
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,259320157
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,2608873
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,262183843
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,26374565
A_33_P3313617	NR_003133	GBP1P1	guanylate binding protein 1, interferon-inducible pseudogen	ENST00000513638	-1,264066388
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,264556257
A_24_P411186	NM_022893	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000335712	-1,271000121

A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,273077734
A_23_P77043	NM_024764	CATSPERB	cation channel, sperm-associated, beta	ENST00000256343	-1,273516266
A_23_P99891	NM_022566	MESDC1	mesoderm development candidate 1	ENST00000267984	-1,274212253
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,280292524
A_33_P3324004	NM_032965	CCL15	chemokine (C-C motif) ligand 15	ENST00000354059	-1,281263131
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,282732114
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,283619165
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,287458709
A_23_P301521	NM_020848	KIAA1462	KIAA1462	ENST00000375377	-1,288094923
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,291755184
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,291895147
A_33_P3258346	NM_017523	XAF1	XIAP associated factor 1	ENST00000361842	-1,29525726
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,29915505
A_23_P210690	NM_021158	TRIB3	tribbles homolog 3 (Drosophila)	ENST00000217233	-1,299629119
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,300207916
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,30232167
A_33_P3281283	NM_005226	S1PR3	sphingosine-1-phosphate receptor 3	ENST00000375846	-1,303406518
A_23_P52266	NM_001548	IFIT1	interferon-induced protein with tetratricopeptide repeats 1	ENST00000546318	-1,305033486
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,324460703
A_33_P3329013	NM_001050	SSTR2	somatostatin receptor 2	ENST00000315332	-1,326011898
A_23_P206920	NM_001040114	MYH11	myosin, heavy chain 11, smooth muscle	ENST00000396324	-1,329852029
A_33_P3293446	NM_020848	KIAA1462	KIAA1462	ENST00000375377	-1,331145691
A_33_P3260445	ENST00000367088	DYNLT1	dynein, light chain, Tctex-type 1	ENST00000367088	-1,334916346
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,369286904
A_21_P0010537	TCONS_I2_0000039(XLOC_I2_000297				-1,373131543
A_23_P167328	NM_001775	CD38	CD38 molecule	ENST00000540195	-1,373625907
A_23_P8801	NM_000777	CYP3A5	cytochrome P450, family 3, subfamily A, polypeptide 5	ENST00000339843	-1,375716764
A_24_P592012	NM_025224	ZBTB46	zinc finger and BTB domain containing 46	ENST00000245663	-1,382070886
A_21_P0014592	XR_110434	LOC100507575	uncharacterized LOC100507575		-1,384657032

A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,38771662
A_33_P3241541	CR936789	FSD1L	fibronectin type III and SPRY domain containing 1-like	ENST00000374707	-1,389220302
A_33_P3283611	NM_001549	IFIT3	interferon-induced protein with tetratricopeptide repeats 3	ENST00000543062	-1,399599472
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,401166897
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,409414185
A_23_P71037	NM_000600	IL6	interleukin 6 (interferon, beta 2)	ENST00000485300	-1,410919972
A_21_P0000695	NR_037867	LOC731424	uncharacterized LOC731424		-1,414239968
A_23_P24004	NM_001547	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	ENST00000371826	-1,414534542
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,427093726
A_24_P557479	NM_017523	XAF1	XIAP associated factor 1	ENST00000361842	-1,428412805
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,431569755
A_23_P17481	NM_023068	SIGLEC1	sialic acid binding Ig-like lectin 1, sialoadhesin	ENST00000202578	-1,4318905
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,437297416
A_33_P3226810	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,441423773
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,445869253
A_24_P245815	NM_020437	ASPHD2	aspartate beta-hydroxylase domain containing 2	ENST00000215906	-1,447832349
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,451464566
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,46247353
A_23_P62647	NM_003037	SLAMF1	signaling lymphocytic activation molecule family member 1	ENST00000392208	-1,463630707
A_33_P3418170	NM_014314	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	ENST00000379882	-1,475757276
A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-1,479593829
A_33_P3284933	NM_145659	IL27	interleukin 27	ENST00000356897	-1,490069922
A_19_P00812190	THC2520127	Q5D1D6			-1,500508422
A_33_P3343175	NM_001565	CXCL10	chemokine (C-X-C motif) ligand 10	ENST00000306602	-1,54921907
A_23_P207456	NM_005623	CCL8	chemokine (C-C motif) ligand 8	ENST00000225840	-1,552562274
A_23_P49448	NM_024306	FA2H	fatty acid 2-hydroxylase	ENST00000219368	-1,565192311
A_23_P204087	NM_016817	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000392583	-1,574459677
A_19_P00808588	NR_003133	GBP1P1		ENST00000513638	-1,58190395
A_33_P3401826	NM_207315	CMPK2	cytidine monophosphate (UMP-CMP) kinase 2, mitochondri	ENST00000478738	-1,587770938

A_23_P76078	NM_016584	IL23A	interleukin 23, alpha subunit p19	ENST00000228534	-1,631824214
A_24_P28722	NM_080657	RSAD2	radical S-adenosyl methionine domain containing 2	ENST00000382040	-1,675513347
A_33_P3319925	ENST00000449753	IRG1	immunoresponsive 1 homolog (mouse)	ENST00000449753	-1,682931636
A_33_P3364488	NM_001170631	FCAMR	Fc receptor, IgA, IgM, high affinity	ENST00000450945	-1,742611015
A_23_P125278	NM_005409	CXCL11	chemokine (C-X-C motif) ligand 11	ENST00000306621	-1,84664975
A_23_P35092	NM_153758	IL19	interleukin 19	ENST00000270218	-1,854236036
A_23_P45871	NM_006820	IFI44L	interferon-induced protein 44-like	ENST00000476521	-1,886202836
A_23_P7560	NM_002187	IL12B	interleukin 12B (natural killer cell stimulatory factor 2, cytot	ENST00000231228	-2,02095303
A_33_P3341499	NM_003392	WNT5A	wingless-type MMTV integration site family, member 5A	ENST00000264634	-2,046366726

Comparison of gene expression profiling between MVA-infected macrophages

ProbeName	SystematicName	GeneSymbol	GeneName	EnsemblID	MVA vs MØ_logFC
A_21_P0000504	NR_023344	RNU6ATAC	RNA, U6atac small nuclear (U12-dependent splicing)		2,713233281
A_23_P71774	NM_002176	IFNB1	interferon, beta 1, fibroblast	ENST00000380232	2,605464723
A_21_P0000513	NR_026703	VTRNA1-1	vault RNA 1-1		2,313397502
A_21_P0000514	NR_026704	VTRNA1-2	vault RNA 1-2		2,10530556
A_33_P3242453	NR_003948	HCG22	HLA complex group 22 (non-protein coding)	ENST00000412408	2,08830707
A_33_P3360072	NM_001161429	RANBP3L	RAN binding protein 3-like	ENST00000296604	2,066086062
A_23_P388871	NM_175054	HIST4H4	histone cluster 4, H4	ENST00000539745	2,059139723
A_33_P3273584	NR_003023	SCARNA2	small Cajal body-specific RNA 2		2,048013363
A_33_P3390107	NR_003286	RN18S1	RNA, 18S ribosomal 1		2,043382904
A_19_P00322984	THC2573057	XLOC_006037			1,993055186
A_33_P3351851	NM_003546	HIST1H4L	histone cluster 1, H4l	ENST00000355981	1,976335555
A_33_P3279708	NR_002761	RNU2-2	RNA, U2 small nuclear 2	ENST00000538098	1,927975797
A_33_P3238455	NR_034009	SRSF6	serine/arginine-rich splicing factor 6	ENST00000483871	1,884752533
A_23_P2283	NM_013251	TAC3	tachykinin 3	ENST00000393867	1,882944295
A_19_P00322983	THC2573057	XLOC_006037			1,869379653
A_21_P0005632	AK130001	XLOC_006857			1,819707222
A_33_P3239654	AK056727	HCG4B	HLA complex group 4B (non-protein coding)		1,800595159
A_33_P3410836	NM_003539	HIST1H4D	histone cluster 1, H4d	ENST00000340756	1,800543972
A_33_P3506553	NR_038871	C21orf91-OT1	C21orf91 overlapping transcript 1 (non-protein coding)	ENST00000439392	1,799919908
A_24_P408047	NM_020904	PLEKHA4	pleckstrin homology domain containing, family A (phosphoi	ENST00000263265	1,784360494
A_24_P918175	BC009864	LOC653581	uncharacterized LOC653581		1,776950844
A_23_P27013	NM_024017	HOXB9	homeobox B9	ENST00000442657	1,759741315
A_33_P3267263	NR_004400	RNU1-5	RNA, U1 small nuclear 5		1,756835625
A_21_P0011606	THC2511873	XLOC_l2_006166			1,745442705
A_21_P0000584	NR_030583	VTRNA2-1	vault RNA 2-1		1,73569644
A_33_P3325723	NM_001822	CHN1	chimerin (chimaerin) 1	ENST00000492964	1,733913533

A_21_P0000515	NR_026705	VTRNA1-3	vault RNA 1-3		1,722159108
A_33_P3297020	NR_026816	PSORS1C3	psoriasis susceptibility 1 candidate 3 (non-protein coding)	ENST00000376242	1,718317907
A_23_P28598	NM_004405	DLX2	distal-less homeobox 2	ENST00000234198	1,714661837
A_33_P3269924	ENST00000535831	HIP1R	huntingtin interacting protein 1 related	ENST00000535831	1,699724585
A_21_P0002300	TCONS_00003905	XLOC_001710			1,683646873
A_32_P29118	NM_152754	SEMA3D	sema domain, immunoglobulin domain (Ig), short basic don	ENST00000284136	1,678812738
A_19_P00317016	THC2573057	XLOC_006037			1,677460431
A_23_P359540	NM_003540	HIST1H4F	histone cluster 1, H4f	ENST00000377745	1,667448507
A_24_P393958	NM_007034	DNAJB4	DnaJ (Hsp40) homolog, subfamily B, member 4	ENST00000370763	1,655364408
A_19_P00315502	ENST00000417112	P01115		ENST00000417112	1,651175321
A_21_P0002602	TCONS_00004841	XLOC_001564			1,646868885
A_23_P337800	NM_172140	IL29	interleukin 29 (interferon, lambda 1)	ENST00000333625	1,642002126
A_23_P431179	NM_003538	HIST1H4A	histone cluster 1, H4a	ENST00000359907	1,634583644
A_21_P0000711	NR_037969	LOC100506462	uncharacterized LOC100506462	ENST00000510637	1,628591546
A_21_P0001185	ENST00000431097	XLOC_001070		ENST00000431097	1,628414818
A_33_P3420259	NR_003287	RN28S1	RNA, 28S ribosomal 1		1,624970049
A_23_P363936	NM_014278	HSPA4L	heat shock 70kDa protein 4-like	ENST00000296464	1,622341619
A_23_P69179	NM_018192	LEPREL1	leprecan-like 1	ENST00000319332	1,616843977
A_21_P0001086	ENST00000458555	XLOC_000671		ENST00000458555	1,615064164
A_21_P0000384	NR_003066	SNORD85	small nucleolar RNA, C/D box 85		1,598767213
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	1,595414462
A_33_P3336632	NR_003287	RN28S1	RNA, 28S ribosomal 1		1,584217634
A_23_P133739	NM_148959	HUS1B	HUS1 checkpoint homolog b (S. pombe)	ENST00000380907	1,57624785
A_23_P436281	NM_001034077	HIST2H4B	histone cluster 2, H4b	ENST00000392933	1,573672411
A_23_P380318	NM_001965	EGR4	early growth response 4	ENST00000436467	1,564490593
A_21_P0000372	NR_003042	SNORD45C	small nucleolar RNA, C/D box 45C	ENST00000471759	1,559690452
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	1,55746953
A_33_P3359763	ENST00000466317	FLCN	folliculin	ENST00000466317	1,55530952
A_21_P0000655	NR_036511	LOC100129917	uncharacterized LOC100129917	ENST00000503185	1,545677787

A_33_P3323463	ENST00000532091	HSPA8	heat shock 70kDa protein 8	ENST00000532091	1,538861548
A_21_P0000487	NR_004378	SNORD94	small nucleolar RNA, C/D box 94		1,538102082
A_21_P0001096	ENST00000442889	XLOC_000691		ENST00000442889	1,532993348
A_33_P3239087	XR_112085	FAM87B	family with sequence similarity 87, member B		1,523858111
A_21_P0000247	NR_002443	SNORD18C	small nucleolar RNA, C/D box 18C		1,516128128
A_33_P3404989	NM_003536	HIST1H3H	histone cluster 1, H3h	ENST00000369163	1,516094983
A_33_P3668839	NR_036539	LOC644656	uncharacterized LOC644656		1,511128836
A_23_P323685	NM_003543	HIST1H4H	histone cluster 1, H4h	ENST00000377727	1,501525472
A_23_P214080	NM_001964	EGR1	early growth response 1	ENST00000239938	1,494350768
A_23_P407080	NM_173489	HEATR7B2	HEAT repeat family member 7B2	ENST00000399564	1,490253679
A_33_P3359791	ENST00000484389	TDRD3	tudor domain containing 3	ENST00000484389	1,473488168
A_21_P0005609	NR_024586	LOC100216545	uncharacterized LOC100216545		1,471600867
A_33_P3362652	NM_001005514	OR5H14	olfactory receptor, family 5, subfamily H, member 14	ENST00000437310	1,469165338
A_21_P0000283	NR_002741	SNORD53	small nucleolar RNA, C/D box 53		1,467390418
A_21_P0011258	TCONS_I2_0000792	XLOC_I2_004315			1,467278465
A_21_P0013351	TCONS_I2_0002692	XLOC_I2_014024			1,466602654
A_33_P3344229	NM_003538	HIST1H4A	histone cluster 1, H4a	ENST00000359907	1,465062409
A_33_P3383065	NM_001195150	LOC100130705	uncharacterized LOC100130705		1,463886609
A_33_P3406778	ENST00000405431	PGF	placental growth factor	ENST00000405431	1,458047606
A_21_P0007374	AK054718	XLOC_009507			1,454442733
A_24_P20873	NM_003495	HIST1H4I	histone cluster 1, H4i	ENST00000354348	1,45048089
A_21_P0001283	TCONS_00000890	XLOC_000141			1,446082304
A_21_P0014744	ENST00000442130	LOC100287049		ENST00000442130	1,438102307
A_33_P3870906	NR_038320	LOC100507634	uncharacterized LOC100507634		1,436621596
A_24_P125839	NM_017447	C21orf91	chromosome 21 open reading frame 91	ENST00000400559	1,436124231
A_33_P3271530	NM_024989	PGAP1	post-GPI attachment to proteins 1	ENST00000485830	1,430242723
A_21_P0008109	AF339799	XLOC_010477		ENST00000434547	1,428591068
A_21_P0007092	THC2655298	XLOC_008691			1,419742808
A_23_P346327	NR_026674	FLJ30679	uncharacterized protein FLJ30679		1,41592174

A_23_P429478	NM_153038	CCDC140	coiled-coil domain containing 140	ENST00000295226	1,415392625
A_33_P3292043	NM_001005214	LRRCS2	leucine rich repeat containing 52	ENST00000294818	1,414997863
A_21_P0004299	TCONS_00010096	XLOC_004556			1,412473171
A_21_P0007959	AF339799	XLOC_010477		ENST00000434547	1,406518516
A_23_P89327	NM_020652	ZNF286A	zinc finger protein 286A	ENST00000421016	1,404743166
A_21_P0000259	NR_002565	SNORD25	small nucleolar RNA, C/D box 25		1,401660916
A_24_P93736	NR_024341	FLJ40292	uncharacterized LOC643210		1,401307473
A_24_P608302	BC012894	LOC388796	uncharacterized LOC388796		1,395837821
A_33_P3227217	NR_002989	SNORA81	small nucleolar RNA, H/ACA box 81	ENST00000475409	1,395621476
A_23_P97096	NM_014359	OPTC	opticin	ENST00000448911	1,393917053
A_21_P0014898	XR_132888	LOC100652951	uncharacterized LOC100652951		1,390345002
A_21_P0010928	ENST00000429110	XLOC_I2_001731		ENST00000429110	1,388659939
A_23_P108743	NM_152381	XIRP2	xin actin-binding repeat containing 2	ENST00000295237	1,387975856
A_23_P167585	NM_005260	GDF9	growth differentiation factor 9	ENST00000296875	1,386943886
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	1,383139168
A_21_P0000023	NM_001159749	RIOK2	RIO kinase 2 (yeast)	ENST00000508447	1,383086206
A_33_P3229246	NM_003528	HIST2H2BE	histone cluster 2, H2be	ENST00000369155	1,382430444
A_24_P355944	NM_004093	EFNB2	ephrin-B2	ENST00000245323	1,382182523
A_33_P3424566	XR_108650	FLJ38717	FLJ38717 protein		1,377056674
A_32_P430695	NM_178339	C3orf35	chromosome 3 open reading frame 35	ENST00000452017	1,374593931
A_33_P3209254	AK097937	RPS16P5	ribosomal protein S16 pseudogene 5		1,374366093
A_33_P3294583	NR_002799	LOC256880	uncharacterized LOC256880		1,371950379
A_33_P3351686	NM_001114938	CCDC17	coiled-coil domain containing 17	ENST00000479529	1,370938608
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	1,370267543
A_32_P205944	NM_005054	RGPD5	RANBP2-like and GRIP domain containing 5	ENST00000302558	1,370243936
A_23_P406071	ENST00000408913	ZFP36L1	zinc finger protein 36, C3H type-like 1	ENST00000408913	1,367409866
A_33_P3305521	AB029007	ZNF507	zinc finger protein 507		1,366835673
A_23_P32233	NM_004235	KLF4	Kruppel-like factor 4 (gut)	ENST00000374672	1,364989925
A_33_P3382291	NR_028119	LOC100133957	uncharacterized LOC100133957		1,363798237

A_21_P0006410	ENST00000420865	XLOC_007911		ENST00000420865	1,356628457
A_21_P0006551	AK098726	XLOC_008244			1,356214226
A_33_P3413667	NM_001136001	ABL2	v-abl Abelson murine leukemia viral oncogene homolog 2	ENST00000392043	1,353693405
A_23_P500501	NM_000142	FGFR3	fibroblast growth factor receptor 3	ENST00000260795	1,351122902
A_33_P3327519	NR_002915	SNORA74A	small nucleolar RNA, H/ACA box 74A		1,350820528
A_21_P0000708	NR_037933	C14orf55	metalloproteinase-disintegrin 1-2 pseudogene	ENST00000556964	1,350599909
A_23_P30805	NM_021968	HIST1H4J	histone cluster 1, H4j	ENST00000355057	1,346397454
A_21_P0000243	NR_002439	SNORD43	small nucleolar RNA, C/D box 43	ENST00000453303	1,346322276
A_21_P0004556	THC2660784	XLOC_004848			1,345617566
A_21_P0010509	NR_024455	LOC100133612	uncharacterized LOC100133612		1,34375926
A_33_P3593774	NM_003629	PIK3R3	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)	ENST00000423209	1,342742112
A_24_P85942	NM_181453	GCC2	GRIP and coiled-coil domain containing 2	ENST00000309863	1,336281377
A_33_P3389394	NR_002312	RPPH1	ribonuclease P RNA component H1	ENST00000554988	1,335982095
A_33_P3274622	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000417964	1,335617969
A_23_P30813	NM_003541	HIST1H4K	histone cluster 1, H4k	ENST00000357549	1,334408662
A_33_P3220976	BC043212	EFHB	EF-hand domain family, member B	ENST00000474780	1,33047458
A_33_P3384775	ENST00000398497	ZNF295	zinc finger protein 295	ENST00000398497	1,328865742
A_21_P0005705	TCONS_00014729	XLOC_006817			1,32536891
A_21_P0006879	TCONS_00018225	XLOC_008503			1,324529037
A_21_P0007824	TCONS_00021074	XLOC_009668			1,322331281
A_33_P3274034	ENST00000316024	WRAP53	WD repeat containing, antisense to TP53	ENST00000316024	1,319738639
A_21_P0007077	TCONS_00018816	XLOC_008613			1,316716572
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	1,313672923
A_21_P0005521	NR_024586	LOC100216545	uncharacterized LOC100216545		1,312217106
A_33_P3299865	NM_003541	HIST1H4K	histone cluster 1, H4k	ENST00000355057	1,311942902
A_21_P0000303	NR_002921	SNORA75	small nucleolar RNA, H/ACA box 75		1,311033453
A_23_P47199	NM_018484	SLC22A11	solute carrier family 22 (organic anion/urate transporter), n	ENST00000301891	1,30795888
A_33_P3619171	NM_021127	PMAIP1	phorbol-12-myristate-13-acetate-induced protein 1	ENST00000269518	1,307635725
A_21_P0000390	NR_003074	SNORD92	small nucleolar RNA, C/D box 92		1,306450284

A_33_P3332348	NR_002715	RN7SL1	RNA, 7SL, cytoplasmic 1	ENST00000553637	1,305152303
A_23_P211056	NM_013329	GCFC1	GC-rich sequence DNA-binding factor 1	ENST00000497873	1,305102412
A_23_P110430	NM_002448	MSX1	msh homeobox 1	ENST00000382723	1,303470538
A_33_P3317387	BC033823	DNAJC3	DnaJ (Hsp40) homolog, subfamily C, member 3		1,30298858
A_23_P57658	NM_020386	HRASLS	HRAS-like suppressor	ENST00000264735	1,294321683
A_24_P333697	NM_015596	KLK13	kallikrein-related peptidase 13	ENST00000376799	1,293408545
A_21_P0013772	ENST00000453317	XLOC_I2_015561		ENST00000453317	1,291149542
A_33_P3211513	NM_001162407	CLK1	CDC-like kinase 1	ENST00000357369	1,281636365
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	1,280960953
A_33_P3398074	AF132201	LOC100133319	PRO1804		1,276277209
A_21_P0009189	AL049275	DKFZp564H213	uncharacterized LOC440432		1,275907357
A_33_P3270271	BC029817	LOC440386	uncharacterized LOC440386		1,270692504
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		1,270068332
A_23_P56746	NM_004460	FAP	fibroblast activation protein, alpha	ENST00000188790	1,268144169
A_23_P83149	NM_016014	FAM108B1	family with sequence similarity 108, member B1	ENST00000377041	1,26527255
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	1,264522579
A_33_P3630780	AL833160	LOC286058	uncharacterized LOC286058		1,262719898
A_21_P0001504	TCONS_00001494	XLOC_000833			1,262202388
A_21_P0014591	XR_110418	LOC100507280	uncharacterized LOC100507280		1,258786461
A_21_P0008892	TCONS_00024294	XLOC_011772			1,256969389
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	1,252374541
A_21_P0000096	NM_019609	CPXM1	carboxypeptidase X (M14 family), member 1		1,250521737
A_32_P886589	NM_175895	C12orf61	chromosome 12 open reading frame 61	ENST00000408887	1,250129782
A_23_P208210	NM_014650	ZNF432	zinc finger protein 432	ENST00000221315	1,250117206
A_21_P0010592	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000447412	1,247003794
A_33_P3294031	NR_002728	KCNQ1OT1	KCNQ1 opposite strand/antisense transcript 1 (non-protein coding)		1,245614857
A_32_P195647	NM_030624	KLHL15	kelch-like 15 (Drosophila)	ENST00000328046	1,24541807
A_33_P3378935	AB209007	RBM14	RNA binding motif protein 14	ENST00000409372	1,245181698
A_23_P430792	NM_152781	C17orf66	chromosome 17 open reading frame 66	ENST00000462028	1,241625538

A_33_P3266719	NM_017628	TET2	tet methylcytosine dioxygenase 2	ENST00000535110	1,239640921
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	1,239028815
A_33_P3346032	AK124942	LOC727808	uncharacterized LOC727808		1,238995207
A_33_P3236272	NM_001173539	BANP	BTG3 associated nuclear protein	ENST00000286122	1,237716388
A_21_P0002937	TCONS_00005965	XLOC_002597			1,23626549
A_21_P0004024	TCONS_00009444	XLOC_004456			1,235192933
A_23_P414308	NM_144606	FLCN	folliculin	ENST00000389169	1,233486632
A_23_P381368	NM_002148	HOXD10	homeobox D10	ENST00000249501	1,228960878
A_33_P3264667	NM_183374	CYP26C1	cytochrome P450, family 26, subfamily C, polypeptide 1	ENST00000285949	1,228542736
A_23_P30254	NM_006622	PLK2	polo-like kinase 2	ENST00000502671	1,227533923
A_21_P0006658	THC2503064	XLOC_008405			1,227263242
A_33_P3271105	NM_001135654	PABPC4	poly(A) binding protein, cytoplasmic 4 (inducible form)	ENST00000531243	1,226865357
A_23_P364324	NM_152701	ABCA13	ATP-binding cassette, sub-family A (ABC1), member 13	ENST00000435803	1,226171007
A_33_P3856949	AK096098	LOC284513	uncharacterized LOC284513		1,226150174
A_21_P0004456	AK054753	XLOC_005049			1,224311819
A_23_P149050	NR_024321	LINC00115	long intergenic non-protein coding RNA 115		1,223956338
A_23_P144476	NM_199327	SPRY1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)	ENST00000339241	1,223294073
A_21_P0009763	TCONS_00027300	XLOC_013300			1,222390055
A_21_P0001030	ENST00000424181	XLOC_000468		ENST00000424181	1,222040603
A_23_P93602	NM_001010905	C6orf58	chromosome 6 open reading frame 58	ENST00000329722	1,221311799
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	1,22130572
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		1,213987011
A_33_P3285764	ENST00000467013	EPHB1	EPH receptor B1	ENST00000467013	1,211251525
A_23_P214079	NM_003122	SPINK1	serine peptidase inhibitor, Kazal type 1	ENST00000505722	1,210715891
A_33_P3271121	ENST00000484097	SH3BP4	SH3-domain binding protein 4	ENST00000484097	1,209731062
A_24_P925635	NR_024271	SEPT7P2	septin 7 pseudogene 2	ENST00000338231	1,209651672
A_23_P67278	NM_005815	ZNF443	zinc finger protein 443	ENST00000411622	1,209014264
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	1,208633109
A_33_P3254306	ENST00000389168	FLCN	folliculin	ENST00000389168	1,206776522

A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	1,205406087
A_33_P3394517	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinase	ENST00000454049	1,204861786
A_21_P0006262	THC2746760	XLOC_007676			1,203843665
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	1,201260045
A_33_P3692756	NR_027374	LOC723809	uncharacterized LOC723809		1,200646345
A_21_P0008557	BC034325	XLOC_011278			1,20033448
A_23_P203829	NM_015394	ZNF10	zinc finger protein 10	ENST00000426665	1,199917766
A_23_P144337	NM_012118	CCRN4L	CCR4 carbon catabolite repression 4-like (<i>S. cerevisiae</i>)	ENST00000515616	1,199327093
A_24_P389285	NR_027330	C7orf54	chromosome 7 open reading frame 54	ENST00000467238	1,198712953
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	1,198245846
A_33_P3396831	ENST00000368256	CCT3	chaperonin containing TCP1, subunit 3 (gamma)	ENST00000368256	1,197246417
A_33_P3210119	NR_027822	HLA-L	major histocompatibility complex, class I, L, pseudogene	ENST00000491405	1,195612787
A_33_P3330906	XR_110087	FAM87A	family with sequence similarity 87, member A		1,19494032
A_33_P3243524	NM_001164389	RAPGEF6	Rap guanine nucleotide exchange factor (GEF) 6	ENST00000308008	1,193790609
A_33_P3270793	NM_145175	FAM84A	family with sequence similarity 84, member A	ENST00000359969	1,193404861
A_23_P216935	NR_026677	MIR600HG	MIR600 host gene (non-protein coding)	ENST00000545631	1,192296142
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	1,191996899
A_21_P0003088	TCONS_00006375	XLOC_002995			1,191748557
A_21_P0009632	TCONS_00026722	XLOC_012857			1,189156668
A_33_P3346688	ENST00000527983	HSPA8	heat shock 70kDa protein 8	ENST00000527983	1,188025567
A_21_P0005793	BC024246	XLOC_006985			1,18690868
A_24_P409126	ENST00000378383	FNDC3A	fibronectin type III domain containing 3A	ENST00000378383	1,186440065
A_33_P3377239	NR_026885	LOC100270804	uncharacterized LOC100270804		1,185777464
A_23_P55388	NM_018143	KLHL11	kelch-like 11 (<i>Drosophila</i>)	ENST00000540254	1,185414569
A_23_P45955	NM_014466	TEKT2	tektin 2 (testicular)	ENST00000469024	1,185374497
A_33_P3520835	AK123449	FLJ41455	uncharacterized LOC441441		1,185332644
A_33_P3407636	AK296555	YWHAE	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon		1,184745387
A_21_P0005491	THC2719594	XLOC_006415			1,184378154
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		1,179857497

A_21_P0006202	TCONS_00016119	XLOC_007506			1,177709798
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		1,170717694
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	1,170464706
A_32_P34920	NM_004472	FOXD1	forkhead box D1		1,169462529
A_33_P3352632	AK096262	LOC728147	uncharacterized LOC728147		1,169014035
A_21_P0007635	TCONS_00020579	XLOC_009895			1,168148629
A_23_P218626	NM_080741	NEU4	sialidase 4	ENST00000472793	1,168060822
A_23_P45424	NM_012278	ITGB1BP2	integrin beta 1 binding protein (melusin) 2	ENST00000373829	1,167894708
A_21_P0007693	TCONS_00020732	XLOC_010031			1,167824622
A_33_P3400244	NM_032752	ZNF496	zinc finger protein 496	ENST00000477903	1,167667821
A_24_P23445	NR_029422	RNU12	RNA, U12 small nuclear		1,166817604
A_23_P429998	NM_006732	FOSB	FBJ murine osteosarcoma viral oncogene homolog B	ENST00000353609	1,164812787
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	1,163454349
A_21_P0000040	NM_001164313	ZBTB24	zinc finger and BTB domain containing 24		1,162091673
A_21_P0005397	TCONS_00013523	XLOC_006163			1,15797529
A_19_P00317318	NM_001145664	RFX8		ENST00000540519	1,156736671
A_21_P0002348	TCONS_00004017	XLOC_001856			1,156176143
A_21_P0013834	NM_001017417	CT45A1	cancer/testis antigen family 45, member A1	ENST00000495729	1,156165388
A_21_P0003908	TCONS_00009166	XLOC_004165			1,154079779
A_23_P130764	NM_170720	KCNJ14	potassium inwardly-rectifying channel, subfamily J, member 14	ENST00000391884	1,153967532
A_23_P38206	NM_032356	LSMD1	LSM domain containing 1	ENST00000333775	1,153504911
A_33_P3273767	ENST00000442973	GJB7	gap junction protein, beta 7, 25kDa	ENST00000442973	1,152968144
A_33_P3230269	NM_198182	GRHL1	grainyhead-like 1 (Drosophila)	ENST00000324907	1,150254829
A_33_P3290949	ENST00000487043	PTCD3	Pentatricopeptide repeat domain 3	ENST00000487043	1,147462531
A_24_P290927	NM_014847	UBAP2L	ubiquitin associated protein 2-like	ENST00000441890	1,147213942
A_32_P226205	NM_033400	ZFHX2	zinc finger homeobox 2		1,146856978
A_33_P3330079	XR_110532	LOC100128242	uncharacterized LOC100128242	ENST00000533341	1,145373092
A_24_P390909	NM_181882	PRX	periaxin	ENST00000341562	1,143363267
A_21_P0002430	THC2614847	XLOC_002066			1,142075117

A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	1,141422343
A_33_P3420020	NM_001130858	PIIP5K1	diphosphoinositol pentakisphosphate kinase 1	ENST00000335092	1,140060202
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	1,139997293
A_33_P3648417	BE972465	SNORA55	small nucleolar RNA, H/ACA box 55		1,13927047
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	1,136481519
A_33_P3247838	NM_001136501	ZNF844	zinc finger protein 844	ENST00000439326	1,135905323
A_33_P3358163	NM_018958	C15orf2	chromosome 15 open reading frame 2	ENST00000329468	1,135521445
A_33_P3403254	NM_001080404	ZNF878	zinc finger protein 878	ENST00000440730	1,135046856
A_24_P398810	NM_001969	EIF5	eukaryotic translation initiation factor 5	ENST00000216554	1,13446238
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	1,134445398
A_33_P3399988	BC035659	HCP5B	HLA complex P5B (non-protein coding)		1,134437509
A_23_P90062	NM_006145	DNAJB1	DnaJ (Hsp40) homolog, subfamily B, member 1	ENST00000254322	1,133207751
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	1,132032833
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	1,131779789
A_21_P0002502	TCONS_00004440	XLOC_002313			1,131388812
A_23_P92672	NM_002538	OCLN	occludin	ENST00000514370	1,131086219
A_32_P64475	NM_152608	C1orf55	chromosome 1 open reading frame 55	ENST00000366817	1,129536292
A_23_P162288	NM_005379	MYO1A	myosin IA	ENST00000544473	1,128952257
A_33_P3409849	ENST00000342887	C12orf63	chromosome 12 open reading frame 63	ENST00000342887	1,128129604
A_21_P0001756	TCONS_00002581	XLOC_001195			1,127451046
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	1,126651445
A_24_P55148	NM_021058	HIST1H2BJ	histone cluster 1, H2bj	ENST00000339812	1,126023256
A_21_P0007089	ENST00000455566	PPP2R2D	protein phosphatase 2, regulatory subunit B, delta	ENST00000455566	1,12504054
A_24_P67898	ENST00000370094	MGEA5	meningioma expressed antigen 5 (hyaluronidase)	ENST00000370094	1,123349816
A_33_P3281532	NM_022780	RMND5A	required for meiotic nuclear division 5 homolog A (S. cerevi	ENST00000283632	1,12164641
A_21_P0004619	ENST00000414364	XLOC_005927		ENST00000414364	1,121303976
A_33_P3237210	AF445025	SLC35A4	solute carrier family 35, member A4	ENST00000514199	1,119783583
A_33_P3375451	NM_025081	NYNRIN	NYN domain and retroviral integrase containing	ENST00000206466	1,117898193
A_23_P43337	NM_144966	FREM1	FRAS1 related extracellular matrix 1	ENST00000380880	1,11663736

A_33_P3363120	NR_004387	SCARNA10	small Cajal body-specific RNA 10		1,116375125
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	1,11385444
A_23_P405110	NM_033313	CDC14A	CDC14 cell division cycle 14 homolog A (<i>S. cerevisiae</i>)	ENST00000370124	1,113423515
A_33_P3229335	NM_175055	HIST3H2BB	histone cluster 3, H2bb	ENST00000369160	1,113062879
A_23_P83347	NM_145051	RNF183	ring finger protein 183	ENST00000478815	1,113027446
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	1,112523312
A_21_P0002617	TCONS_00004935	XLOC_001732			1,112488812
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	1,112396107
A_21_P0007530	TCONS_00020350	XLOC_009681			1,11204169
A_24_P380679	NM_182597	C7orf53	chromosome 7 open reading frame 53	ENST00000312849	1,111031295
A_21_P0000502	NR_004407	RNU11	RNA, U11 small nuclear		1,11060369
A_23_P48698	NM_003814	ADAM20	ADAM metallopeptidase domain 20	ENST00000256389	1,108723583
A_24_P217365	NM_015199	ANKRD28	ankyrin repeat domain 28	ENST00000383777	1,107759609
A_33_P3216277	XM_001719406	LOC100131354	uncharacterized LOC100131354		1,106947663
A_21_P0007320	THC2496717	XLOC_009378			1,106651299
A_33_P3417404	XR_108280	FAM87B	family with sequence similarity 87, member B		1,105992835
A_33_P3375077	NM_015695	BRPF3	bromodomain and PHD finger containing, 3	ENST00000394572	1,105809842
A_21_P0000371	NR_003037	SNORD7	small nucleolar RNA, C/D box 7		1,105740106
A_33_P3234197	NM_025188	TRIM45	tripartite motif containing 45	ENST00000256649	1,105301308
A_24_P15325	AJ301560	XKR6	XK, Kell blood group complex subunit-related family, memb	ENST00000297303	1,104160908
A_21_P0003061	ENST00000481679	NAALADL2	N-acetylated alpha-linked acidic dipeptidase-like 2	ENST00000481679	1,10395556
A_21_P0000392	NR_003076	SNORD98	small nucleolar RNA, C/D box 98	ENST00000483264	1,103715652
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	1,103201602
A_24_P304071	NM_001547	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	ENST00000371826	1,102634722
A_33_P3365134	NM_015316	PPP1R13B	protein phosphatase 1, regulatory subunit 13B	ENST00000423488	1,102182291
A_33_P3390758	NM_153201	HSPA8	heat shock 70kDa protein 8	ENST00000453788	1,101806408
A_24_P92558	NM_001039891	ZNF674	zinc finger protein 674	ENST00000414387	1,101125122
A_24_P350744	NM_014949	KIAA0907	KIAA0907	ENST00000466713	1,100922964
A_21_P0012380	NR_040005	LOC401074	uncharacterized LOC401074		1,100623046

A_23_P341700	NM_001007101	ZNF484	zinc finger protein 484	ENST00000375495	1,100405877
A_33_P3212769	BC020894	LOC100132686	uncharacterized LOC100132686		1,099818918
A_21_P0004617	ENST00000430078	XLOC_005900		ENST00000430078	1,099522136
A_21_P0009088	TCONS_00024776	XLOC_012051			1,097576098
A_21_P0000338	NR_002984	SNORA56	small nucleolar RNA, H/ACA box 56	ENST00000481062	1,097481947
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		1,096925403
A_23_P78018	NM_018672	ABCA5	ATP-binding cassette, sub-family A (ABC1), member 5	ENST00000392676	1,095057236
A_33_P3273272	NM_001172655	ZNF701	zinc finger protein 701	ENST00000301093	1,094937594
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	1,094749389
A_21_P0013401	ENST00000440208	XLOC_I2_013554		ENST00000440208	1,094435183
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	1,093784418
A_21_P0013766	TCONS_I2_0003022	XLOC_I2_015536			1,093559153
A_33_P3219601	NM_007314	ABL2	v-abl Abelson murine leukemia viral oncogene homolog 2	ENST00000504405	1,092160952
A_33_P3349252	AL512723	DKFZP547L112	uncharacterized protein DKFZp547L112		1,091155301
A_33_P3379391	NM_177925	H2AFJ	H2A histone family, member J	ENST00000228929	1,090774647
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	1,090612203
A_19_P00318213	NR_024052	HCG18	HLA complex group 18 (non-protein coding)	ENST00000422389	1,090381828
A_33_P3211260	AB209486	DBNL	drebrin-like		1,089626248
A_33_P3328621	BC036435	LOC100132147	uncharacterized LOC100132147	ENST00000453554	1,088829018
A_21_P0009488	TCONS_00026344	XLOC_012694			1,088555767
A_33_P3242603	NR_027023	LOC645676	uncharacterized LOC645676	ENST00000479076	1,088348193
A_19_P00323103	ENST00000485597	XLOC_001775		ENST00000485597	1,085841127
A_33_P3365710	AK125522	ATP6V0D1	ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d1		1,084449688
A_23_P92860	NM_021147	CCNO	cyclin O	ENST00000501463	1,084073483
A_33_P3377459	NM_001040284	PAPD5	PAP associated domain containing 5	ENST00000436909	1,083829339
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	1,08209262
A_33_P3222307	AK125520	LOC100129380	uncharacterized LOC100129380		1,081957344
A_23_P42784	NM_032944	STK31	serine/threonine kinase 31	ENST00000354639	1,080706384
A_33_P3299319	NM_001136137	RPL28	ribosomal protein L28	ENST00000428193	1,080604343

A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	1,07984587
A_23_P337270	ENST00000383770	NEK10	NIMA (never in mitosis gene a)- related kinase 10	ENST00000383770	1,079377844
A_21_P0007078	TCONS_00018817	XLOC_008614			1,077904709
A_33_P3421748	ENST00000381679	SON	SON DNA binding protein	ENST00000381679	1,077410161
A_23_P410717	NM_144697	C1orf51	chromosome 1 open reading frame 51	ENST00000290363	1,077312459
A_23_P46690	NM_203376	TMEM81	transmembrane protein 81	ENST00000367167	1,077303588
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	1,076709595
A_32_P38283	NM_174910	TCTE3	t-complex-associated-testis-expressed 3	ENST00000366774	1,07663317
A_21_P0014046	XM_003403783	LOC100653120	uncharacterized LOC100653120		1,075850799
A_21_P0005731	TCONS_00014788	XLOC_006862			1,074493171
A_21_P0004846	TCONS_00011706	XLOC_005185			1,07427718
A_33_P3348752	NM_006644	HSPH1	heat shock 105kDa/110kDa protein 1	ENST00000380363	1,07314736
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	1,071636565
A_23_P415411	NM_003545	HIST1H4E	histone cluster 1, H4e	ENST00000360441	1,07044776
A_32_P315395	NR_026914	MGC16275	uncharacterized protein MGC16275		1,07025821
A_24_P924836	BC022827	CRYZL1	crystallin, zeta (quinone reductase)-like 1	ENST00000399442	1,069469984
A_21_P0013255	BG168839	XLOC_I2_013513			1,068925208
A_33_P3254727	XM_001723862	LOC100130921	uncharacterized LOC100130921		1,06832859
A_21_P0007015	TCONS_00018595	XLOC_008935			1,068260261
A_21_P0000395	NR_003079	SNORD111	small nucleolar RNA, C/D box 111		1,067022272
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	1,065819162
A_21_P0000658	NR_036530	LOC100289230	uncharacterized LOC100289230		1,065775399
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	1,06483093
A_33_P3388636	AK097925	FLJ40606	uncharacterized LOC643549		1,064447212
A_33_P3390723	ENST00000377055	TMEM2	transmembrane protein 2	ENST00000377055	1,063477335
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	1,063275937
A_32_P228268	NM_207437	DNAH10	dynein, axonemal, heavy chain 10	ENST00000492261	1,062819346
A_21_P0013394	ENST00000438538	XLOC_I2_013513		ENST00000438538	1,061484125
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	1,061313619

A_24_P196499	ENST00000471257	ARID4B	AT rich interactive domain 4B (RBP1-like)	ENST00000471257	1,061121128
A_21_P0000246	NR_002442	SNORD18B	small nucleolar RNA, C/D box 18B		1,060124273
A_21_P0014650	XR_110899	LOC100506282	uncharacterized LOC100506282		1,059997257
A_23_P204208	NM_002262	KLRD1	killer cell lectin-like receptor subfamily D, member 1	ENST00000539374	1,058485816
A_23_P40805	NM_014079	KLF15	Kruppel-like factor 15	ENST00000296233	1,058170347
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	1,057483572
A_19_P00810899	NR_027058	LINC00338	long intergenic non-protein coding RNA 338	ENST00000434411	1,057126388
A_23_P28012	NM_033196	ZNF682	zinc finger protein 682	ENST00000358523	1,056269725
A_32_P221799	NM_003514	HIST1H2AM	histone cluster 1, H2am	ENST00000359611	1,05486983
A_21_P0005708	ENST00000523728	XLOC_006817		ENST00000523728	1,054718981
A_23_P113462	NM_017641	KIF21A	kinesin family member 21A	ENST00000395670	1,054167216
A_33_P3305770	ENST00000389311	NBR1	neighbor of BRCA1 gene 1	ENST00000389311	1,053740789
A_21_P0013298	NR_024271	SEPT7P2	septin 7 pseudogene 2	ENST00000338231	1,053593442
A_23_P301138	NM_001005910	IP6K2	inositol hexakisphosphate kinase 2	ENST00000416707	1,053473453
A_24_P9321	NM_003533	HIST1H3I	histone cluster 1, H3i	ENST00000328488	1,051739535
A_24_P500422	NR_024403	LOC730101	uncharacterized LOC730101		1,051313426
A_21_P0006371	AK126245	XLOC_007556			1,050478514
A_21_P0014606	ENST00000415255	LOC100506950		ENST00000415255	1,050082892
A_23_P426305	NM_003734	AOC3	amine oxidase, copper containing 3 (vascular adhesion prot	ENST00000308423	1,049880354
A_21_P0010220	BC029473	XLOC_013853			1,049072272
A_21_P0013393	ENST00000415536	XLOC_I2_013513		ENST00000415536	1,048645663
A_23_P166400	NM_001007279	RASL10A	RAS-like, family 10, member A	ENST00000401450	1,048401117
A_33_P3233834	NM_001190981	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000542298	1,047724944
A_33_P3322450	ENST00000378815	RAB3IP	RAB3A interacting protein (rabin3)	ENST00000378815	1,043850057
A_21_P0013439	ENST00000412091	XLOC_I2_013873		ENST00000412091	1,043689173
A_21_P0012709	AK098398	HMP19	HMP19 protein		1,043316789
A_21_P0009720	ENST00000446262	XLOC_013056		ENST00000446262	1,042811938
A_21_P0013877	TCONS_I2_0003089:	XLOC_I2_015885			1,042483538
A_21_P0008352	ENST00000553944	XLOC_010859		ENST00000553944	1,041387016

A_21_P0004469	TCONS_00010555	XLOC_005082			1,040481353
A_33_P3366336	NM_001024401	SBK1	SH3-binding domain kinase 1	ENST00000341901	1,040054244
A_33_P3367606	NR_026806	FLJ13224	uncharacterized LOC79857	ENST00000313737	1,036872673
A_23_P212089	NM_031419	NFKBIZ	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000326172	1,034005552
A_23_P371824	NM_020127	TUFT1	tuftelin 1	ENST00000507671	1,033941525
A_23_P363174	NM_003511	HIST1H2AL	histone cluster 1, H2al	ENST00000357320	1,033051925
A_24_P475864	NR_003369	RRN3P2	RNA polymerase I transcription factor homolog (<i>S. cerevisiae</i>) pseudogene 2		1,032364568
A_33_P3255914	NM_013262	MYLIP	myosin regulatory light chain interacting protein	ENST00000349606	1,030899936
A_33_P3276455	NM_006618	KDM5B	lysine (K)-specific demethylase 5B	ENST00000543924	1,030460305
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	1,03035357
A_23_P74737	NM_001990	EYA3	eyes absent homolog 3 (<i>Drosophila</i>)	ENST00000495923	1,029469986
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	1,029120908
A_21_P0002438	TCONS_00004245	XLOC_002085			1,028728036
A_21_P0006817	TCONS_00018091	XLOC_008358			1,02784897
A_21_P0014758	XR_132514	LOC100652921	uncharacterized LOC100652921		1,027283773
A_32_P176550	NM_152405	JMY	junction mediating and regulatory protein, p53 cofactor	ENST00000282259	1,02725414
A_23_P16817	NM_004071	CLK1	CDC-like kinase 1	ENST00000496205	1,026676195
A_24_P198629	NM_001040616	LINS	lines homolog (<i>Drosophila</i>)	ENST00000314742	1,025326306
A_21_P0003963	ENST00000504494	XLOC_004279		ENST00000504494	1,025309023
A_32_P36235	NM_004907	IER2	immediate early response 2	ENST00000292433	1,023316131
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	1,023120345
A_24_P942017	NR_034127	LOC100132356	uncharacterized LOC100132356		1,022211329
A_21_P0000624	NM_001243392	SLC6A13	solute carrier family 6 (neurotransmitter transporter, GABA	ENST00000436453	1,021919682
A_21_P0013979	XM_003119000	LOC100506073			1,021821187
A_33_P3224505	AK126083	LOC100131099	uncharacterized LOC100131099		1,020466918
A_23_P129695	NM_138440	VASN	vasorin	ENST00000304735	1,020081316
A_21_P0009329	TCONS_00025688	XLOC_012503			1,019804388
A_21_P0002437	TCONS_00005144	XLOC_002085			1,019676193
A_33_P3351566	NM_001039481	ETNK1	ethanolamine kinase 1	ENST00000335148	1,019485525

A_33_P3345608	NM_001202438	C10orf137	chromosome 10 open reading frame 137	ENST00000392732	1,018938438
A_21_P0006299	TCONS_00016434	XLOC_007800			1,016079002
A_33_P3316078	NM_001039938	INTS6	integrator complex subunit 6	ENST00000442263	1,015948408
A_33_P3768196	NR_027085	LOC284551	uncharacterized LOC284551	ENST00000412068	1,014963606
A_21_P0008312	TCONS_00022455	XLOC_010783			1,01452149
A_33_P3287338	NM_001190981	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000542298	1,014349364
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	1,013879148
A_33_P3703637	AK095655	LOC285300	uncharacterized LOC285300		1,011536848
A_23_P393099	NM_003226	TFF3	trefoil factor 3 (intestinal)	ENST00000518498	1,010733637
A_21_P0005449	TCONS_00013649	XLOC_006303			1,010541872
A_24_P567298	NM_004909	CSAG2	CSAG family, member 2	ENST00000356911	1,010053251
A_24_P168574	ENST00000481768	GNAS	GNAS complex locus	ENST00000481768	1,009842216
A_33_P3315149	NR_027262	C15orf34	chromosome 15 open reading frame 34		1,008748176
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domair	ENST00000304032	1,008317215
A_21_P0001297	TCONS_00000942	XLOC_000194			1,008218894
A_33_P3400699	NM_206883	SLC26A5	solute carrier family 26, member 5 (prestin)	ENST00000339444	1,008172303
A_21_P0014592	XR_110434	LOC100507575	uncharacterized LOC100507575		1,008098067
A_21_P0001652	TCONS_00001898	XLOC_001286			1,007512387
A_21_P0006123	TCONS_00015915	XLOC_007277			1,004552733
A_33_P3324383	NM_001013690	FIGNL2	fidgetin-like 2		1,003981401
A_21_P0012153	BC007940	XLOC_I2_008689			1,003868472
A_23_P79247	NM_024989	PGAP1	post-GPI attachment to proteins 1	ENST00000482051	1,003699213
A_21_P0002920	ENST00000418353	XLOC_003383		ENST00000418353	1,002430508
A_23_P54357	NM_033195	LDHAL6B	lactate dehydrogenase A-like 6B	ENST00000307144	1,002245043
A_21_P0008164	TCONS_00022023	XLOC_010617			1,001958676
A_23_P148484	NM_016120	RLIM	ring finger protein, LIM domain interacting	ENST00000349225	1,00188109
A_21_P0005145	TCONS_00012631	XLOC_005559			1,001650108
A_23_P151046	NM_002259	KLRC1	killer cell lectin-like receptor subfamily C, member 1	ENST00000544822	1,001391496
A_21_P0013308	TCONS_I2_0002659	XLOC_I2_013846			1,001316493

A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	1,000579085
A_24_P143171	NM_031442	TMEM47	transmembrane protein 47	ENST00000275954	1,000094661
A_23_P20122	NM_024625	ZC3HAV1	zinc finger CCCH-type, antiviral 1	ENST00000471652	0,99976676
A_21_P0005590	TCONS_00014242	XLOC_006319			0,99917207
A_23_P36018	NM_014312	VSIG2	V-set and immunoglobulin domain containing 2	ENST00000326621	0,999101331
A_21_P0002670	BU194987	XLOC_002198			0,99905464
A_24_P277673	NM_003547	HIST1H4G	histone cluster 1, H4g	ENST00000244537	0,998446532
A_33_P3265159	BC110990	GAPVD1	GTPase activating protein and VPS9 domains 1	ENST00000394084	0,997415152
A_33_P3237891	ENST00000409922	CHN2	chimerin (chimaerin) 2	ENST00000409922	0,99638578
A_21_P0003965	ENST00000511758	XLOC_004282		ENST00000511758	0,995956186
A_32_P197825	NM_001032392	PLGLB1	plasminogen-like B1	ENST00000482249	0,995648451
A_24_P272225	NR_027023	LOC645676	uncharacterized LOC645676	ENST00000452809	0,9950325
A_23_P34877	NM_022768	RBM15	RNA binding motif protein 15	ENST00000487146	0,99495506
A_23_P24275	NR_027709	IDI2-AS1	IDI2 antisense RNA 1 (non-protein coding)	ENST00000536039	0,994516631
A_24_P833256	XR_132625	LOC100506898	mago-nashi homolog, proliferation-associated (Drosophila) pseudogene		0,994301421
A_33_P3334590	NM_017762	MTMR10	myotubularin related protein 10	ENST00000340566	0,993674505
A_33_P3325384	NR_038921	LOC100130992	uncharacterized LOC100130992		0,99326565
A_21_P0004401	TCONS_00010352	XLOC_004841			0,99325591
A_33_P3777165	BC022164	FLJ31715	uncharacterized FLJ31715		0,993014581
A_24_P11061	NM_153478	CSAG1	chondrosarcoma associated gene 1	ENST00000452779	0,992532111
A_21_P0000498	NR_004397	SNORD1C	small nucleolar RNA, C/D box 1C	ENST00000448136	0,990823435
A_21_P0011910	NM_012124	CHORDC1	cysteine and histidine-rich domain (CHORD) containing 1	ENST00000525317	0,989761809
A_33_P3253501	NM_001161334	HIST2H2BF	histone cluster 2, H2bf	ENST00000369167	0,989536116
A_33_P3337272	NM_001004354	NRARP	NOTCH-regulated ankyrin repeat protein	ENST00000356628	0,989517272
A_23_P398294	NM_003959	HIP1R	huntingtin interacting protein 1 related	ENST00000253083	0,989228263
A_19_P00320090	NR_027058	LINC00338	long intergenic non-protein coding RNA 338	ENST00000434411	0,989023544
A_23_P96590	NM_014710	GPRASP1	G protein-coupled receptor associated sorting protein 1	ENST00000361600	0,987992821
A_33_P3346327	NR_003674	KGFLP1	fibroblast growth factor 7 pseudogene	ENST00000377614	0,987564675
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,987283087

A_33_P3373046	NM_001024596	ZNF772	zinc finger protein 772	ENST00000291809	0,987258619
A_33_P3422479	NM_001031717	CRELD1	cysteine-rich with EGF-like domains 1	ENST00000326434	0,987251487
A_33_P3289005	NM_001039569	AP1S3	adaptor-related protein complex 1, sigma 3 subunit	ENST00000446015	0,985554577
A_21_P0007960	AF339799	XLOC_010477		ENST00000434547	0,982873999
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,982599511
A_23_P416212	NM_033194	HSPB9	heat shock protein, alpha-crystallin-related, B9	ENST00000355067	0,982262256
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,981757003
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	0,981588605
A_19_P00330549	NR_034127	LOC100132356	uncharacterized LOC100132356		0,981528187
A_33_P3226995	NM_006137	CD7	CD7 molecule	ENST00000312648	0,981411766
A_23_P122439	NM_181531	BTN2A2	butyrophilin, subfamily 2, member A2	ENST00000416795	0,981335317
A_21_P0000657	NR_036530	LOC100289230	uncharacterized LOC100289230		0,980828162
A_33_P3288357	ENST00000373293	C9orf117	chromosome 9 open reading frame 117	ENST00000373293	0,980524465
A_24_P166407	NM_003544	HIST1H4B	histone cluster 1, H4b	ENST00000377364	0,980292744
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,980001519
A_33_P3218138	NM_000937	POLR2A	polymerase (RNA) II (DNA directed) polypeptide A, 220kDa	ENST00000322644	0,979892024
A_33_P3288074	BC019017	LOC730202	uncharacterized LOC730202		0,978759231
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	0,977915109
A_33_P3373214	NM_001204180	ZHX1-C8ORF76	ZHX1-C8ORF76 readthrough	ENST00000357082	0,97753488
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	0,975684642
A_33_P3235177	NM_144993	TET3	tet methylcytosine dioxygenase 3	ENST00000409262	0,975088301
A_33_P3246997	ENST00000311571	LUC7L3	LUC7-like 3 (S. cerevisiae)	ENST00000311571	0,974914332
A_33_P3312735	NM_024989	PGAP1	post-GPI attachment to proteins 1	ENST00000422382	0,974421613
A_32_P181297	NR_002330	ST7-AS1	ST7 antisense RNA 1 (non-protein coding)	ENST00000456775	0,973660989
A_21_P0001371	NM_001128223	ZNF717	zinc finger protein 717	ENST00000422325	0,973502705
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	0,973111877
A_24_P854492	NR_003491	MIAT	myocardial infarction associated transcript (non-protein coding)		0,973083371
A_33_P3502037	NM_012124	CHORDC1	cysteine and histidine-rich domain (CHORD) containing 1	ENST00000525317	0,972515626
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,972505832

A_21_P0007531	DW422112	XLOC_009682			0,97146751
A_33_P3423791	NM_198182	GRHL1	grainyhead-like 1 (Drosophila)	ENST00000464418	0,971302382
A_24_P307580	NM_001098523	HTATIP2	HIV-1 Tat interactive protein 2, 30kDa	ENST00000532505	0,970667403
A_33_P3267814	NM_001136004	MICAL3	microtubule associated monooxygenase, calponin and LIM domain	ENST00000461307	0,970472525
A_33_P3214209	NR_027027	GUSBP1	glucuronidase, beta pseudogene 1	ENST00000508973	0,970317574
A_21_P0005636	ENST00000511929	XLOC_007026		ENST00000511929	0,96999544
A_23_P88119	NM_006644	HSPH1	heat shock 105kDa/110kDa protein 1	ENST00000320027	0,969903971
A_33_P3289251	AK095971	LOC644727	uncharacterized LOC644727		0,969885536
A_32_P99019	NM_152578	FMR1NB	fragile X mental retardation 1 neighbor	ENST00000489034	0,968647161
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	0,965595125
A_33_P3235561	ENST00000264203	CAPZB	capping protein (actin filament) muscle Z-line, beta	ENST00000264203	0,965407
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	0,965311722
A_21_P0014049	NR_027420	LOC389834	ankyrin repeat domain 57 pseudogene		0,965106328
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,964722726
A_21_P0012876	THC2512052	XLOC_l2_011885			0,962975346
A_23_P119634	NM_007000	UPK1A	uroplakin 1A	ENST00000379013	0,962953061
A_33_P3319542	NM_015063	SLC8A2	solute carrier family 8 (sodium/calcium exchanger), member	ENST00000391903	0,96269546
A_21_P0006370	THC2506250	XLOC_007556			0,962681443
A_23_P26457	NM_000517	HBA2	hemoglobin, alpha 2	ENST00000482565	0,962425599
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	0,96161395
A_32_P228167	NM_152589	C12orf50	chromosome 12 open reading frame 50	ENST00000298699	0,961233882
A_21_P0012834	ENST00000513310	THBS4	thrombospondin 4	ENST00000513310	0,960736745
A_23_P415015	NM_022374	ATL2	atlastin GTPase 2	ENST00000546051	0,960562825
A_21_P0009368	XR_109440	LOC100507520	uncharacterized LOC100507520		0,96050448
A_21_P0001747	BC038430	XLOC_001097			0,960337651
A_33_P3336282	NM_005640	TAF4B	TAF4b RNA polymerase II, TATA box binding protein (TBP)-alpha	ENST00000400466	0,960114338
A_33_P3374997	NR_027035	LOC144486	uncharacterized LOC144486		0,96000104
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	0,959860517
A_33_P3346936	ENST00000549378	MON2	MON2 homolog (S. cerevisiae)	ENST00000549378	0,959475002

A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,958298798
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	0,957631666
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	0,957468583
A_24_P48403	NM_005433	YES1	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1	ENST00000314574	0,956941721
A_21_P0011463	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinas	ENST00000447140	0,956888776
A_33_P3291614	XR_110031	LOC100133039	uncharacterized LOC100133039		0,956503288
A_33_P3287690	ENST00000551483	CNOT2	CCR4-NOT transcription complex, subunit 2	ENST00000551483	0,956474256
A_33_P3228450	NM_001136007	FXYD3	FXYD domain containing ion transport regulator 3	ENST00000435734	0,956456106
A_33_P3318624	ENST00000530930	CTBP2	C-terminal binding protein 2	ENST00000530930	0,956212199
A_23_P428129	NM_000076	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)	ENST00000313407	0,955742912
A_21_P0007687	ENST00000546259	XLOC_010012		ENST00000546259	0,955595432
A_32_P358115	NR_036490	LOC284648	uncharacterized LOC284648		0,955574236
A_33_P3396050	BC029817	LOC440386	uncharacterized LOC440386		0,955564831
A_33_P3229239	NM_001024599	HIST2H2BF	histone cluster 2, H2bf	ENST00000369167	0,955222171
A_33_P3278911	NM_032205	PHF20L1	PHD finger protein 20-like 1	ENST00000395382	0,955121193
A_23_P64617	NM_012193	FZD4	frizzled family receptor 4	ENST00000531380	0,955105504
A_21_P0001416	TCONS_00001266	XLOC_000555			0,954576773
A_19_P00810043	XR_108650	FLJ38717	FLJ38717 protein		0,954259261
A_33_P3352767	NM_002386	MC1R	melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor)		0,954034031
A_23_P395595	NM_015308	FNBP4	formin binding protein 4	ENST00000263773	0,953911101
A_23_P90079	NM_001080821	ZNF799	zinc finger protein 799	ENST00000430385	0,953498351
A_32_P703	NR_045484	LOC646626	uncharacterized LOC646626		0,953360117
A_24_P941188	NM_015207	OTUD3	OTU domain containing 3	ENST00000375120	0,953161204
A_33_P3303748	NM_017990	PDPR	pyruvate dehydrogenase phosphatase regulatory subunit	ENST00000429810	0,953149779
A_21_P0010340	ENST00000442403	XLOC_014139		ENST00000442403	0,953120766
A_33_P3331080	NM_001252231	SEC24A	SEC24 family, member A (S. cerevisiae)	ENST00000322887	0,952797032
A_32_P169179	NR_002307	MSX2P1	msh homeobox 2 pseudogene 1		0,952650801
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	0,951126021
A_33_P3424384	ENST00000403537	THUMPD2	THUMP domain containing 2	ENST00000403537	0,950469833

A_23_P35414	NM_005398	PPP1R3C	protein phosphatase 1, regulatory subunit 3C	ENST00000238994	0,950183031
A_33_P3257252	NM_138347	ZNF551	zinc finger protein 551	ENST00000359821	0,949986245
A_21_P0014250	XR_109018	LOC100289455	uncharacterized LOC100289455		0,94964863
A_23_P53530	NM_001033050	MTERFD3	MTERF domain containing 3	ENST00000552029	0,949617438
A_32_P178945	NM_018566	YOD1	YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae)	ENST00000367084	0,949396726
A_23_P342053	NM_032626	RBBP6	retinoblastoma binding protein 6	ENST00000452655	0,94775489
A_33_P3510335	NM_213655	WNK1	WNK lysine deficient protein kinase 1	ENST00000530271	0,94761097
A_21_P0000254	NR_002560	SNORD31	small nucleolar RNA, C/D box 31		0,946458168
A_33_P3695899	XR_108600	FLJ31104	uncharacterized LOC441072	ENST00000500093	0,945899378
A_23_P153524	NM_018111	C19orf73	chromosome 19 open reading frame 73	ENST00000408991	0,945513562
A_23_P254025	NM_003408	ZFP37	zinc finger protein 37 homolog (mouse)	ENST00000555206	0,945413353
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,944866796
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,944311897
A_23_P110699	NM_052860	ZNF300	zinc finger protein 300	ENST00000394226	0,943722131
A_23_P208240	ENST00000355147	ZNF160	zinc finger protein 160	ENST00000355147	0,943333328
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,942967398
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	0,941532358
A_19_P00804859	NR_029635	MIR221			0,941468486
A_24_P555473	NM_178450	Mar-03	membrane-associated ring finger (C3HC4) 3	ENST00000308660	0,941280697
A_33_P3275381	NM_001039580	MAP9	microtubule-associated protein 9	ENST00000393836	0,940958358
A_33_P3233843	NM_001190981	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000542298	0,939455146
A_33_P3251821	NR_003545	C5orf44	chromosome 5 open reading frame 44	ENST00000510585	0,938314221
A_33_P3671291	AA378382	SNORA12	small nucleolar RNA, H/ACA box 12		0,937719642
A_21_P0008041	TCONS_00021740	XLOC_010330			0,937002816
A_21_P0003050	TCONS_00006285	XLOC_002890			0,936858303
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,936238906
A_23_P111724	NM_138290	RUNDC3B	RUN domain containing 3B	ENST00000493037	0,936232172
A_21_P0000730	NR_038235	LOC100507651	uncharacterized LOC100507651		0,936110172
A_33_P3269453	ENST00000342579	BPTF	bromodomain PHD finger transcription factor	ENST00000342579	0,936062044

A_33_P3359518	NM_001085487	MYSM1	Myb-like, SWIRM and MPN domains 1	ENST00000401044	0,935842358
A_33_P3290800	NM_182540	DDX26B	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26B	ENST00000494957	0,935487826
A_21_P0000288	NR_002748	SNORD45B	small nucleolar RNA, C/D box 45B	ENST00000461653	0,934752235
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,934191651
A_32_P226009	NM_023073	C5orf42	chromosome 5 open reading frame 42	ENST00000505431	0,934141669
A_33_P3245484	AK124361	LOC100131000	uncharacterized LOC100131000		0,933776185
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,933290638
A_21_P0002514	BI765130	XLOC_002360			0,933154467
A_23_P211064	NM_013329	GCFC1	GC-rich sequence DNA-binding factor 1	ENST00000472588	0,931887235
A_33_P3710442	AK021772	FLJ11710	uncharacterized protein FLJ11710		0,931863266
A_33_P3264331	NM_012183	FOXD3	forkhead box D3	ENST00000371116	0,931417989
A_33_P3360912	ENST00000320610	ZNF236	zinc finger protein 236	ENST00000320610	0,931393158
A_21_P0002168	THC2561405	XLOC_001342			0,931209181
A_23_P27649	NM_001080411	ZNF433	zinc finger protein 433	ENST00000344980	0,93092383
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	0,93047348
A_33_P3368358	NM_182966	NEDD9	neural precursor cell expressed, developmentally down-reg	ENST00000379433	0,930403636
A_23_P211252	NM_001001438	LSS	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)	ENST00000356396	0,93011586
A_23_P408094	NM_002357	MXD1	MAX dimerization protein 1	ENST00000410000	0,929831902
A_21_P0006532	TCONS_00017313	XLOC_008149			0,929154912
A_33_P3507384	AK056398	LOC152274	uncharacterized LOC152274		0,928493517
A_19_P00316533	AK093009	XLOC_013732			0,928066633
A_21_P0008695	TCONS_00023549	XLOC_011383			0,927840646
A_19_P00809417	XR_109254	LOC100287628	uncharacterized LOC100287628		0,927559282
A_21_P0000469	NR_003694	SNORD11B	small nucleolar RNA, C/D box 11B		0,92689385
A_21_P0000197	NM_021064	HIST1H2AG	histone cluster 1, H2ag	ENST00000359193	0,926444224
A_33_P3245449	NR_027420	LOC389834	ankyrin repeat domain 57 pseudogene		0,926256793
A_32_P170547	NM_001007551	CT45A5	cancer/testis antigen family 45, member A5	ENST00000491480	0,926254115
A_23_P63870	NM_144660	SAMD8	sterile alpha motif domain containing 8	ENST00000372690	0,925937176
A_23_P358564	NM_153216	POU5F2	POU domain class 5, transcription factor 2	ENST00000511874	0,92516711

A_23_P216476	NM_014872	ZBTB5	zinc finger and BTB domain containing 5	ENST00000307750	0,924923623
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,924717094
A_23_P74981	NM_033213	ZNF670	zinc finger protein 670	ENST00000366503	0,924185911
A_24_P290354	NM_006007	ZFAND5	zinc finger, AN1-type domain 5	ENST00000471197	0,924142395
A_23_P423427	NM_177454	FAM171B	family with sequence similarity 171, member B	ENST00000304698	0,923986849
A_33_P3302632	NM_003523	HIST1H2BE	histone cluster 1, H2be		0,923393199
A_21_P0014137	XR_108555	LOC100506048	uncharacterized LOC100506048		0,923274469
A_33_P3225096	NM_017762	MTMR10	myotubularin related protein 10	ENST00000435680	0,923094428
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,922469838
A_33_P3295625	ENST00000474263	MED27	mediator complex subunit 27	ENST00000474263	0,922368184
A_33_P3284858	AK093299	LOC729867	uncharacterized LOC729867		0,922305911
A_23_P53329	NR_026806	FLJ13224	uncharacterized LOC79857	ENST00000313737	0,921170909
A_21_P0003733	ENST00000472346	XLOC_003912		ENST00000472346	0,920387573
A_24_P583040	ENST00000397861	C17orf67	chromosome 17 open reading frame 67	ENST00000397861	0,919244833
A_21_P0000289	NR_002749	SNORD45A	small nucleolar RNA, C/D box 45A	ENST00000497648	0,919133275
A_24_P376129	ENST00000374057	DFNB31	deafness, autosomal recessive 31	ENST00000374057	0,919004275
A_33_P3336287	NM_001142627	SEC61A2	Sec61 alpha 2 subunit (<i>S. cerevisiae</i>)	ENST00000379017	0,918842532
A_23_P359376	NR_001317	HCG4B	HLA complex group 4B (non-protein coding)		0,918327005
A_33_P3382031	NM_001098844	TMEM236	transmembrane protein 236	ENST00000480516	0,916518624
A_33_P3234530	NM_001039664	TNFRSF25	tumor necrosis factor receptor superfamily, member 25	ENST00000453341	0,916042571
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	0,915947831
A_23_P65208	NM_001039650	ZMYM5	zinc finger, MYM-type 5	ENST00000467542	0,915897105
A_33_P3397323	NM_152355	ZNF441	zinc finger protein 441	ENST00000357901	0,915521287
A_33_P3404671	NR_024567	LOC100130557	uncharacterized LOC100130557		0,913775332
A_33_P3549874	BC031230	LOC255177	uncharacterized LOC255177		0,912320606
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,912082277
A_23_P170608	NM_022117	TSPYL2	TSPY-like 2	ENST00000553557	0,911300997
A_21_P0005707	ENST00000520862	XLOC_006817		ENST00000520862	0,911247174
A_23_P28334	NM_003853	IL18RAP	interleukin 18 receptor accessory protein	ENST00000264260	0,9109616

A_21_P0008854	TCONS_00024155	XLOC_011523			0,91069142
A_21_P0011857	XR_109900	LOC100131316	uncharacterized LOC100131316		0,910434447
A_33_P3269203	NM_001207014	SERPINH1	serpin peptidase inhibitor, clade H (heat shock protein 47),	ENST00000524558	0,910052515
A_33_P3399064	NR_003285	RN5-8S1	RNA, 5.8S ribosomal 1		0,910011643
A_21_P0000391	NR_003075	SNORD93	small nucleolar RNA, C/D box 93		0,909924978
A_33_P3405946	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,909682548
A_23_P64980	NM_016615	SLC6A13	solute carrier family 6 (neurotransmitter transporter, GABA	ENST00000343164	0,909633217
A_19_P00805833	XR_109254	LOC100287628	uncharacterized LOC100287628		0,909572518
A_23_P385126	NM_139160	DEPDC7	DEP domain containing 7	ENST00000311388	0,909409785
A_21_P0003789	TCONS_00008635	XLOC_004139			0,909392315
A_33_P3376379	NM_001139459	CNST	consortin, connexin sorting protein	ENST00000366511	0,909087009
A_32_P8529	NR_027058	LINC00338	long intergenic non-protein coding RNA 338	ENST00000434411	0,908879843
A_21_P0006506	THC2647795	XLOC_008020			0,908756444
A_33_P3287879	NM_003536	HIST1H3H	histone cluster 1, H3h	ENST00000369163	0,908715445
A_33_P3292694	XR_110489	LOC643355	uncharacterized LOC643355		0,908709468
A_21_P0000208	NR_000008	SNORD22	small nucleolar RNA, C/D box 22		0,908666765
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domair	ENST00000304032	0,908486393
A_23_P255618	NM_080723	NRSN1	neurensin 1	ENST00000378491	0,908392124
A_23_P43273	NM_000127	EXT1	exostosin 1	ENST00000437196	0,908279004
A_23_P214139	NM_002912	REV3L	REV3-like, catalytic subunit of DNA polymerase zeta (yeast)	ENST00000435970	0,90799268
A_21_P0004640	ENST00000415195	XLOC_005239		ENST00000415195	0,906514784
A_23_P164737	NM_004831	MED26	mediator complex subunit 26	ENST00000263390	0,906496797
A_32_P2392	NM_181077	GOLGA8A	golgin A8 family, member A	ENST00000509311	0,906493302
A_32_P6172	NR_027387	LOC100128822	uncharacterized LOC100128822		0,905762649
A_32_P48244	ENST00000358296	ZNF100	zinc finger protein 100	ENST00000358296	0,905355913
A_21_P0000068	NM_001167676	LOC100128071	uncharacterized LOC100128071		0,905093175
A_33_P3239123	ENST00000372550	PPIH	peptidylprolyl isomerase H (cyclophilin H)	ENST00000372550	0,904296343
A_33_P3271684	NM_001098844	TMEM236	transmembrane protein 236	ENST00000480516	0,903996475
A_21_P0014934	NR_045375	LOC100506124	uncharacterized LOC100506124	ENST00000536175	0,903751819

A_21_P0011097	TCONS_I2_0000629:	XLOC_I2_003400				0,903550387
A_33_P3626709	AK126613	LOC100129280	uncharacterized LOC100129280			0,903461499
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158		0,9028024
A_33_P3326672	NM_001001662	ZNF782	zinc finger protein 782	ENST00000481138		0,901811214
A_33_P3319113	NM_017990	PDPR	pyruvate dehydrogenase phosphatase regulatory subunit	ENST00000398122		0,901745501
A_33_P3230837	NR_003006	SCARNA6	small Cajal body-specific RNA 6			0,90167626
A_33_P3422213	NM_199347	NEK10	NIMA (never in mitosis gene a)- related kinase 10	ENST00000341435		0,90153696
A_33_P3407434	XM_003403686	LOC100653224	uncharacterized LOC100653224	ENST00000412403		0,901534531
A_21_P0013664	ENST00000423171	XLOC_I2_015239		ENST00000423171		0,90075302
A_23_P93269	NM_003447	ZNF165	zinc finger protein 165	ENST00000377325		0,900673952
A_21_P0011935	ENST00000431244	XLOC_I2_008140		ENST00000431244		0,900660836
A_23_P328740	NR_026875	NEURL3	neuralized homolog 3 (Drosophila) pseudogene	ENST00000310865		0,90038527
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158		0,900095384
A_21_P0009820	ENST00000422519	XLOC_013737		ENST00000422519		0,900084186
A_21_P0012526	ENST00000415451	XLOC_I2_010061		ENST00000415451		0,899432286
A_21_P0000249	NR_002447	SNORD24	small nucleolar RNA, C/D box 24	ENST00000489392		0,899229951
A_33_P3358943	NM_000839	GRM2	glutamate receptor, metabotropic 2	ENST00000464585		0,899137085
A_19_P00804049	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000426529		0,898762006
A_23_P344655	AK094167	FLJ36848	uncharacterized LOC647115			0,898708304
A_23_P215534	NM_053043	RBM33	RNA binding motif protein 33	ENST00000307403		0,898569585
A_33_P3424462	NM_001139459	CNST	consortin, connexin sorting protein	ENST00000483271		0,898565516
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158		0,898558554
A_21_P0007695	TCONS_00020749	XLOC_010037				0,897342648
A_33_P3267395	NM_152512	ENTHD1	ENTH domain containing 1	ENST00000325157		0,89729857
A_33_P3222769	NM_001013638	PRR25	proline rich 25	ENST00000301698		0,897144222
A_33_P3240063	NR_024182	C14orf48	chromosome 14 open reading frame 48			0,896578138
A_23_P126037	NM_012421	RLF	rearranged L-myc fusion	ENST00000535839		0,896526291
A_33_P3212269	ENST00000534743	MAP2K3	mitogen-activated protein kinase kinase 3	ENST00000534743		0,896362137
A_21_P0000065	NM_001166696	SLC1A3	solute carrier family 1 (glial high affinity glutamate transpor	ENST00000512374		0,896158447

A_21_P0000486	NR_004054	SNORD103A	small nucleolar RNA, C/D box 103A		0,896049804
A_23_P160004	NM_182660	UTY	ubiquitously transcribed tetratricopeptide repeat gene, Y-lir	ENST00000545955	0,895648514
A_33_P3414107	XR_108595	LOC729040	uncharacterized LOC729040	ENST00000440769	0,895611654
A_23_P372860	NM_003512	HIST1H2AC	histone cluster 1, H2ac	ENST00000377791	0,895380185
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,895262852
A_23_P48495	NM_004918	TCL1B	T-cell leukemia/lymphoma 1B	ENST00000461160	0,894607052
A_33_P3366859	NM_001187	BAGE	B melanoma antigen	ENST00000470054	0,894245228
A_33_P3298057	NM_001023587	ABCC5	ATP-binding cassette, sub-family C (CFTR/MRP), member 5	ENST00000438979	0,894202392
A_23_P16022	NM_005773	ZNF256	zinc finger protein 256	ENST00000282308	0,894005585
A_21_P0010476	THC2660954	XLOC_014336			0,893900529
A_33_P3365815	AK057458	LOC729866	hCG1994895		0,893433802
A_23_P323898	NR_028077	ZSCAN12	zinc finger and SCAN domain containing 12	ENST00000396827	0,892841934
A_33_P3279515	AK096898	LOC729451	uncharacterized LOC729451		0,892291127
A_21_P0013280	TCONS_I2_0002638	XLOC_I2_013728			0,892161117
A_33_P3405888	AF130105	LOC100133130	PRO1102		0,89193484
A_23_P24004	NM_001547	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	ENST00000371826	0,891892598
A_33_P3321602	ENST00000373838	PHACTR4	phosphatase and actin regulator 4	ENST00000373838	0,891826923
A_21_P0000216	NR_000016	SNORD36C	small nucleolar RNA, C/D box 36C	ENST00000492798	0,891773765
A_21_P0000256	NR_002562	SNORD28	small nucleolar RNA, C/D box 28		0,891707791
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,891695287
A_21_P0006193	TCONS_00016098	XLOC_007489			0,891375682
A_21_P0008072	TCONS_00021811	XLOC_010411			0,891129592
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,89034499
A_33_P3356371	AK127766	LOC100133089	uncharacterized LOC100133089		0,890198394
A_21_P0011869	TCONS_I2_0001421	XLOC_I2_007731			0,88879827
A_19_P00319030	NR_038948	LOC100506136	uncharacterized LOC100506136		0,888649794
A_21_P0000297	NR_002914	SNORD62A	small nucleolar RNA, C/D box 62A	ENST00000426867	0,887987303
A_24_P413437	NM_007363	NONO	non-POU domain containing, octamer-binding	ENST00000373856	0,887853976
A_23_P50646	NM_001193621	LOC390940	uncharacterized protein ENSP00000244321		0,887811255

A_21_P0000037	NM_001163391	ZSCAN12	zinc finger and SCAN domain containing 12		0,887737176
A_33_P3228642	ENST00000322834	ZNF584	zinc finger protein 584	ENST00000322834	0,887653279
A_33_P3363720	NR_033691	C1orf213	chromosome 1 open reading frame 213	ENST00000335648	0,887348805
A_21_P0000484	NR_003942	SNORD76	small nucleolar RNA, C/D box 76		0,887301001
A_21_P0005567	BM686786	XLOC_006144			0,887270765
A_33_P3247848	NM_001144989	ZNF814	zinc finger protein 814	ENST00000435989	0,886975795
A_24_P8318	NM_014423	AFF4	AF4/FMR2 family, member 4	ENST00000491831	0,886490222
A_23_P427217	NM_032776	JMJD1C	jumonji domain containing 1C	ENST00000542921	0,886047541
A_23_P342668	NM_005088	AKAP17A	A kinase (PRKA) anchor protein 17A	ENST00000474361	0,885595053
A_23_P101683	NM_001828	CLC	Charcot-Leyden crystal protein	ENST00000221804	0,884995124
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,884987341
A_21_P0000497	NR_004396	SNORD1B	small nucleolar RNA, C/D box 1B		0,884619767
A_24_P22981	NM_021047	ZNF253	zinc finger protein 253	ENST00000355650	0,884403493
A_33_P3416301	NM_198256	E2F6	E2F transcription factor 6	ENST00000362009	0,884078994
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599	0,883833186
A_23_P108221	NM_032037	TSSK6	testis-specific serine kinase 6	ENST00000360913	0,883236968
A_23_P205177	NM_000504	F10	coagulation factor X	ENST00000375559	0,88304856
A_23_P11664	NM_004768	SRSF11	serine/arginine-rich splicing factor 11	ENST00000489188	0,882874819
A_23_P71727	NM_001827	CKS2	CDC28 protein kinase regulatory subunit 2	ENST00000314355	0,882807101
A_23_P39263	NM_173480	ZNF57	zinc finger protein 57	ENST00000395204	0,882430718
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,882305917
A_33_P3313855	AY358233	LOC100127951	ISPF6484		0,881925357
A_33_P3422010	NM_178504	DNAH12	dynein, axonemal, heavy chain 12	ENST00000351747	0,881833609
A_33_P3267532	NM_170736	KCNJ15	potassium inwardly-rectifying channel, subfamily J, member 15	ENST00000398925	0,881624416
A_33_P3214119	ENST00000528751	NPEPPS	aminopeptidase puromycin sensitive	ENST00000528751	0,88125088
A_33_P3278774	ENST00000483826	ZNF44	zinc finger protein 44	ENST00000483826	0,880315631
A_23_P78152	NM_024039	MIS12	MIS12, MIND kinetochore complex component, homolog (S)	ENST00000381165	0,880293887
A_21_P0012585	TCONS_I2_0002053	XLOC_I2_010679			0,880269122
A_23_P379692	NM_174943	C14orf178	chromosome 14 open reading frame 178	ENST00000556047	0,880208019

A_21_P0000380	NR_003057	SNORD69	small nucleolar RNA, C/D box 69		0,879737619
A_32_P7823	NM_144578	MAPK1IP1L	mitogen-activated protein kinase 1 interacting protein 1-like	ENST00000395468	0,878887779
A_33_P3397418	NM_020119	ZC3HAV1	zinc finger CCCH-type, antiviral 1	ENST00000242351	0,878665576
A_33_P3543133	NR_038970	LOC283624	uncharacterized LOC283624	ENST00000555379	0,87800215
A_21_P0006331	TCONS_00016498	XLOC_007879			0,877371496
A_33_P3243307	AK128353	LOC100128281	uncharacterized LOC100128281		0,877126347
A_23_P13359	NM_006362	NXF1	nuclear RNA export factor 1	ENST00000533048	0,876722172
A_21_P0005800	TCONS_00014933	XLOC_007004			0,876678923
A_24_P929441	AY358167	ARID5A	AT rich interactive domain 5A (MRF1-like)	ENST00000454558	0,876667562
A_21_P0012166	BC039367	XLOC_I2_008910			0,876268262
A_32_P224234	AK123450	LOC645195	uncharacterized LOC645195		0,876136232
A_23_P99996	NM_019066	MAGEL2	MAGE-like 2	ENST00000532292	0,876034737
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,87530266
A_32_P197621	NR_002830	GEMIN8P4	gem (nuclear organelle) associated protein 8 pseudogene 4		0,875087676
A_21_P0000386	NR_003070	SNORD89	small nucleolar RNA, C/D box 89		0,875050473
A_33_P3284448	NR_038857	LOC441009	uncharacterized LOC441009		0,875041229
A_21_P0002250	THC2498339	XLOC_001550			0,874967891
A_33_P3396120	NM_032530	ZNF594	zinc finger protein 594	ENST00000389222	0,874799163
A_23_P82108	NM_020861	ZBTB2	zinc finger and BTB domain containing 2	ENST00000325144	0,874227126
A_33_P3326812	AK127768	LOC100130152	uncharacterized LOC100130152		0,874140047
A_21_P0004866	NR_026775	LINC00240	long intergenic non-protein coding RNA 240	ENST00000503488	0,874082946
A_21_P0009386	TCONS_00025888	XLOC_012162			0,873554374
A_33_P3347928	NM_020307	CCNL1	cyclin L1	ENST00000295925	0,873424147
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,873302655
A_33_P3323347	NM_152475	ZNF417	zinc finger protein 417	ENST00000312026	0,873284629
A_19_P00321166	NR_034127	LOC100132356	uncharacterized LOC100132356		0,87264461
A_23_P432034	NM_173510	CCDC117	coiled-coil domain containing 117	ENST00000249064	0,872274264
A_33_P3424057	NM_006210	PEG3	paternally expressed 3	ENST00000326441	0,871576026
A_33_P3364268	NM_030915	LBH	limb bud and heart development homolog (mouse)	ENST00000467242	0,871556911

A_24_P145911	ENST00000342294	TRA2B	transformer 2 beta homolog (Drosophila)	ENST00000342294	0,871508486
A_23_P371076	ENST00000472022	KLF12	Kruppel-like factor 12	ENST00000472022	0,871367974
A_33_P3243519	NM_001164387	RAPGEF6	Rap guanine nucleotide exchange factor (GEF) 6	ENST00000358714	0,870958384
A_24_P349196	NM_001080850	CCDC30	coiled-coil domain containing 30	ENST00000340612	0,870557245
A_23_P326931	NM_145170	TTC18	tetratricopeptide repeat domain 18	ENST00000394865	0,870209482
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,869806799
A_33_P3245454	NR_027420	LOC389834	ankyrin repeat domain 57 pseudogene		0,869469969
A_24_P13285	NM_006741	PPP1R1A	protein phosphatase 1, regulatory (inhibitor) subunit 1A	ENST00000257905	0,869058284
A_32_P12994	NR_034128	LOC440900	uncharacterized LOC440900	ENST00000412690	0,868848494
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	0,86880935
A_21_P0005128	TCONS_00012569	XLOC_005426			0,868364873
A_33_P3254013	ENST00000515868	GAK	cyclin G associated kinase	ENST00000515868	0,868023051
A_33_P3230017	NR_001587	AURKAPS1	aurora kinase A pseudogene 1	ENST00000462353	0,867923816
A_21_P0009383	TCONS_00025865	XLOC_012142			0,867771375
A_33_P3227904	NM_207348	SLC25A34	solute carrier family 25, member 34	ENST00000294454	0,867300983
A_33_P3235642	NM_001193272	RBBP5	retinoblastoma binding protein 5	ENST00000367164	0,867031049
A_21_P0004898	TCONS_00011856	XLOC_005347			0,866830348
A_24_P254705	NM_020394	ZNF695	zinc finger protein 695	ENST00000391780	0,866694276
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,866585049
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,866380952
A_21_P0010393	TCONS_00029518	XLOC_014159			0,866124643
A_21_P0014503	XR_110124	LOC100507398	uncharacterized LOC100507398		0,866040657
A_21_P0011342	AK127420	LOC400464	uncharacterized LOC400464		0,865813834
A_23_P377411	AF130105	LOC100133130	PRO1102		0,865739036
A_33_P3285629	NM_023036	DNAI2	dynein, axonemal, intermediate chain 2	ENST00000307504	0,865330596
A_24_P921327	ENST00000505317	TAPT1	transmembrane anterior posterior transformation 1	ENST00000505317	0,865222325
A_21_P0014224	XR_108920	LOC100505760	uncharacterized LOC100505760		0,863303137
A_33_P3415340	ENST00000410052	ALS2	amyotrophic lateral sclerosis 2 (juvenile)	ENST00000410052	0,863290995
A_23_P64280	XR_110533	LOC100130428	IGYY565		0,863251199

A_21_P0010959	TCONS_I2_0000433	XLOC_I2_002194				0,862829597
A_23_P26124	NM_134260	RORA	RAR-related orphan receptor A	ENST00000261523		0,861552005
A_24_P706314	NM_194247	HNRNPA3	heterogeneous nuclear ribonucleoprotein A3			0,861373616
A_33_P3246248	AK093187	LOC729879	uncharacterized LOC729879			0,861197234
A_21_P0001350	ENST00000412513	XLOC_000312		ENST00000412513		0,860993132
A_24_P15621	NR_003083	SLC6A10P	solute carrier family 6 (neurotransmitter transporter, creati	ENST00000359871		0,860868354
A_23_P201951	NM_016374	ARID4B	AT rich interactive domain 4B (RBP1-like)	ENST00000264183		0,860748072
A_24_P274615	NM_020801	ARRDC3	arrestin domain containing 3	ENST00000265138		0,86044299
A_33_P3305058	ENST00000451399	CUL9	cullin 9	ENST00000451399		0,860336956
A_24_P785293	NR_003098	SNHG1	small nucleolar RNA host gene 1 (non-protein coding)			0,859744903
A_24_P396167	NM_001335	CTSW	cathepsin W	ENST00000307886		0,85926801
A_33_P3324137	BC015320	PRO0628	uncharacterized LOC29053			0,858682096
A_33_P3732466	AL359570	DKFZp547G183	uncharacterized LOC55525			0,858139621
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957		0,857946058
A_21_P0000142	NM_001198952	RNF103	ring finger protein 103	ENST00000465629		0,857334368
A_21_P0014278	NR_045382	LOC100507066	uncharacterized LOC100507066			0,857141247
A_23_P13548	NM_015424	CHRD12	chordin-like 2	ENST00000376332		0,856756027
A_21_P0000268	NR_002584	SNORA69	small nucleolar RNA, H/ACA box 69	ENST00000477403		0,856743034
A_21_P0010779	ENST00000441085	XLOC_I2_001138		ENST00000441085		0,856496348
A_33_P3264780	NM_001260	CDK8	cyclin-dependent kinase 8	ENST00000477290		0,856287501
A_21_P0002967	ENST00000481004	XLOC_002688		ENST00000481004		0,856209831
A_33_P3212394	NM_001124759	FRG2C	FSDH region gene 2 family, member C	ENST00000403385		0,855910571
A_32_P516067	NM_153244	C10orf111	chromosome 10 open reading frame 111	ENST00000378207		0,855727949
A_21_P0011998	TCONS_I2_0001523	XLOC_I2_007186				0,855507148
A_24_P261750	NM_007035	KERA	keratocan	ENST00000266719		0,855426396
A_21_P0013650	TCONS_I2_0002934	XLOC_I2_015212				0,854845574
A_33_P3252196	NM_004456	EZH2	enhancer of zeste homolog 2 (Drosophila)	ENST00000320356		0,854677498
A_24_P764690	ENST00000544044	ZNF720	zinc finger protein 720	ENST00000544044		0,85450203
A_19_P00317272	NR_034128	LOC440900	uncharacterized LOC440900	ENST00000412690		0,854018791

A_33_P3387691	NM_198081	SCML4	sex comb on midleg-like 4 (Drosophila)	ENST00000369022	0,853384388
A_33_P3262485	NM_145276	ZNF563	zinc finger protein 563	ENST00000293725	0,853198986
A_32_P36143	XR_112950	LOC729088	uncharacterized LOC729088		0,852676459
A_33_P3327076	NM_001001824	OR2T27	olfactory receptor, family 2, subfamily T, member 27	ENST00000344889	0,852013318
A_23_P254768	NR_002139	HCG4	HLA complex group 4 (non-protein coding)		0,851484598
A_33_P3267460	NM_134428	RFX3	regulatory factor X, 3 (influences HLA class II expression)	ENST00000381984	0,851377572
A_21_P0009822	ENST00000418739	XLOC_013439		ENST00000418739	0,850990059
A_19_P00805452	TCONS_I2_0002039	XLOC_I2_010558			0,850518764
A_33_P3344277	BC057389	HS1BP3	HCLS1 binding protein 3	ENST00000402541	0,849640272
A_19_P00810009	ENST00000551631	LOC100506948		ENST00000551631	0,849325018
A_33_P3264895	NM_144593	RHEBL1	Ras homolog enriched in brain like 1	ENST00000420065	0,849182886
A_21_P0000207	NR_000007	SNORD73A	small nucleolar RNA, C/D box 73A	ENST00000322686	0,848829031
A_21_P0000557	NR_028303	LOC100302640	uncharacterized LOC100302640		0,848525806
A_33_P3277953	NR_027333	LOC100128811	uncharacterized LOC100128811		0,848230464
A_24_P146211	NM_021063	HIST1H2BD	histone cluster 1, H2bd	ENST00000377777	0,848059569
A_21_P0002006	ENST00000414795	XLOC_001966		ENST00000414795	0,848033545
A_21_P0000155	NM_001204453	PSMC2	proteasome (prosome, macropain) 26S subunit, ATPase, 2	ENST00000460021	0,847544966
A_21_P0004624	ENST00000440848	XLOC_005128		ENST00000440848	0,847431573
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	0,847078654
A_24_P415280	NM_018144	SEC61A2	Sec61 alpha 2 subunit (S. cerevisiae)	ENST00000426560	0,84675189
A_23_P52986	NM_152718	VWCE	von Willebrand factor C and EGF domains	ENST00000335613	0,846360392
A_24_P378402	NM_152457	ZNF597	zinc finger protein 597	ENST00000301744	0,84619019
A_21_P0000470	NR_003695	SNORD12B	small nucleolar RNA, C/D box 12B		0,845491226
A_33_P3290443	NR_002569	SCARNA9	small Cajal body-specific RNA 9	ENST00000530422	0,845484066
A_21_P0000388	NR_003072	SNORD91A	small nucleolar RNA, C/D box 91A		0,845033137
A_33_P3421520	NM_022466	IKZF5	IKAROS family zinc finger 5 (Pegasus)	ENST00000368886	0,843647539
A_21_P0006182	TCONS_00016075	XLOC_007464			0,843275705
A_33_P3345796	ENST00000368982	SNX3	sorting nexin 3	ENST00000368982	0,842756586
A_33_P3304865	BC031633	LTN1	listerin E3 ubiquitin protein ligase 1	ENST00000389195	0,842658229

A_21_P0012894	ENST00000515123	XLOC_I2_011959		ENST00000515123	0,842619812
A_33_P3346937	NM_015026	MON2	MON2 homolog (S. cerevisiae)	ENST00000393630	0,842266945
A_21_P0007364	TCONS_00019671	XLOC_009475			0,842166528
A_23_P411723	NM_002655	PLAG1	pleiomorphic adenoma gene 1	ENST00000316981	0,8420665
A_24_P387321	NM_016264	ZNF44	zinc finger protein 44	ENST00000355684	0,841993902
A_21_P0008899	TCONS_00024308	XLOC_011618			0,840877975
A_24_P213715	NR_026993	LOC90834	uncharacterized protein BC001742		0,840670254
A_32_P104518	NR_023389	LINC00476	long intergenic non-protein coding RNA 476		0,840537278
A_24_P677642	NR_038275	FLJ31813	FAM21B pseudogene	ENST00000456967	0,84037919
A_21_P0013261	ENST00000440208	XLOC_I2_013554		ENST00000440208	0,840057065
A_19_P00802872	NR_001564	XIST	X (inactive)-specific transcript (non-protein coding)		0,839741744
A_32_P930685	NR_027481	ZNF876P	zinc finger protein 876, pseudogene	ENST00000356347	0,839710824
A_23_P99853	NM_019600	KIAA1370	KIAA1370	ENST00000546305	0,839486349
A_21_P0000239	NR_002434	SNORD101	small nucleolar RNA, C/D box 101		0,83926724
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	0,839151279
A_19_P00322687	NM_001242690	ERVMER34-1			0,838482365
A_19_P00809548	NR_026999	LINC00265	long intergenic non-protein coding RNA 265		0,83789583
A_21_P0000400	NR_003195	SNORD114-3	small nucleolar RNA, C/D box 114-3		0,8378454
A_21_P0007465	TCONS_00020094	XLOC_009485			0,837272248
A_21_P0000847	NR_038942	LOC100630918	uncharacterized LOC100630918		0,837004673
A_23_P150609	NM_000612	IGF2	insulin-like growth factor 2 (somatomedin A)	ENST00000381319	0,835342133
A_21_P0014030	NM_001193466	KIAA1267	KIAA1267	ENST00000552923	0,835094932
A_23_P99275	NM_002258	KLRB1	killer cell lectin-like receptor subfamily B, member 1	ENST00000229402	0,835055718
A_21_P0014861	ENST00000556578	LOC100652952		ENST00000556578	0,835001825
A_33_P3276142	NR_003260	DNM1P46	DNM1 pseudogene 46	ENST00000448059	0,834846104
A_21_P0008028	TCONS_00021716	XLOC_010301			0,834650872
A_23_P255331	NM_032623	C4orf49	chromosome 4 open reading frame 49	ENST00000398955	0,834547871
A_33_P3320052	XM_001714987	ARMCX3-AS1	ARMCX3 antisense RNA 1 (non-protein coding)		0,833674675
A_33_P3300147	NM_001001709	C9orf170	chromosome 9 open reading frame 170		0,832571116

A_21_P0000321	NR_002967	SNORA31	small nucleolar RNA, H/ACA box 31	ENST00000534033	0,832143878
A_24_P348203	NM_025061	LRR8E	leucine rich repeat containing 8 family, member E	ENST00000306708	0,832134289
A_23_P165201	NM_021232	PRODH2	proline dehydrogenase (oxidase) 2	ENST00000301175	0,832116037
A_23_P116942	NM_002286	LAG3	lymphocyte-activation gene 3	ENST00000203629	0,831911675
A_33_P3220390	BC028180	WTAP	Wilms tumor 1 associated protein		0,831821141
A_33_P3224795	NM_022466	IKZF5	IKAROS family zinc finger 5 (Pegasus)	ENST00000368886	0,831499664
A_21_P0000492	NR_004384	SNAR-F	small ILF3/NF90-associated RNA F		0,830976593
A_23_P65797	NM_022480	KLHL25	kelch-like 25 (Drosophila)	ENST00000337975	0,830417003
A_21_P0006122	TCONS_00015913	XLOC_007276			0,828863328
A_33_P3392807	ENST00000490432	TAF1B	TATA box binding protein (TBP)-associated factor, RNA poly	ENST00000490432	0,828832236
A_21_P0000248	NR_002444	SNORA66	small nucleolar RNA, H/ACA box 66		0,828263204
A_23_P326142	NR_027330	C7orf54	chromosome 7 open reading frame 54		0,828054139
A_33_P3363091	U25801	VAC14	Vac14 homolog (S. cerevisiae)		0,827663982
A_33_P3410859	NR_003288	LOC729603	calcium binding protein P22 pseudogene		0,827223151
A_21_P0005578	TCONS_00014218	XLOC_006259			0,827172155
A_32_P120791	BC040303	LOC727916	uncharacterized LOC727916		0,826879953
A_23_P500998	NM_152739	HOXA9	homeobox A9	ENST00000242050	0,826548684
A_21_P0008893	BC033994	XLOC_011800			0,825904462
A_23_P106194	NM_005252	FOS	FBJ murine osteosarcoma viral oncogene homolog	ENST00000303562	0,825532495
A_33_P3400424	NM_001199324	ZNF615	zinc finger protein 615	ENST00000391793	0,824305427
A_23_P156445	NM_018665	DDX43	DEAD (Asp-Glu-Ala-Asp) box polypeptide 43	ENST00000370336	0,824207352
A_32_P60459	NM_001145373	OTUD1	OTU domain containing 1	ENST00000376495	0,824047379
A_33_P3284009	NR_027249	GNN	Grp94 neighboring nucleotidase pseudogene	ENST00000388789	0,823853568
A_21_P0000394	NR_003078	SNORD110	small nucleolar RNA, C/D box 110	ENST00000494697	0,823821216
A_24_P251661	NM_171828	KCNMB3	potassium large conductance calcium-activated channel, su	ENST00000485523	0,823601568
A_23_P164042	NM_001433	ERN1	endoplasmic reticulum to nucleus signaling 1	ENST00000433197	0,823600286
A_33_P3268793	NM_138422	ADAT3	adenosine deaminase, tRNA-specific 3	ENST00000329478	0,823242157
A_21_P0012102	ENST00000417006	XLOC_I2_008405		ENST00000417006	0,823235111
A_23_P258944	NM_012328	DNAJB9	DnaJ (Hsp40) homolog, subfamily B, member 9	ENST00000249356	0,822983323

A_21_P0000264	NR_002579	SNORD74	small nucleolar RNA, C/D box 74		0,822867805
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	0,821933379
A_21_P0011931	NM_170606	MLL3	myeloid/lymphoid or mixed-lineage leukemia 3	ENST00000436174	0,821394531
A_33_P3372600	XR_109159	LOC100129119	uncharacterized LOC100129119		0,821353414
A_33_P3312222	XM_001131091	LOC729706	putative TAF11-like protein ENSP00000332601-like		0,82097287
A_23_P400945	NM_005240	ETV3	ets variant 3	ENST00000326786	0,820696353
A_21_P0000267	NR_002583	SNORD72	small nucleolar RNA, C/D box 72		0,820552489
A_21_P0004689	ENST00000434255	XLOC_005471		ENST00000434255	0,820390168
A_23_P206077	NM_022767	AEN	apoptosis enhancing nuclease	ENST00000332810	0,820214577
A_23_P59069	NM_003527	HIST1H2BO	histone cluster 1, H2bo	ENST00000303806	0,820174676
A_33_P3651282	ENST00000546204	TCP1	t-complex 1	ENST00000546204	0,820133811
A_21_P0013262	TCONS_I2_0002615	XLOC_I2_013554			0,820014012
A_24_P321634	NM_001039650	ZMYM5	zinc finger, MYM-type 5	ENST00000467542	0,819969674
A_33_P3390955	NR_004422	HPVC1	human papillomavirus (type 18) E5 central sequence-like 1		0,819962614
A_24_P126262	NM_181704	BAGE4	B melanoma antigen family, member 4	ENST00000470054	0,819366985
A_33_P3357759	XM_291007	HEATR7B1	HEAT repeat containing 7B1	ENST00000389758	0,818935361
A_24_P110291	NR_036511	LOC100129917	uncharacterized LOC100129917		0,818350246
A_33_P3266923	NM_014916	LMTK2	lemur tyrosine kinase 2	ENST00000297293	0,817842147
A_33_P3558740	AK057616	LOC254100	uncharacterized LOC254100		0,817777152
A_21_P0013752	THC2774467	XLOC_I2_015441			0,817502955
A_21_P0011412	BC101081	DNM1P46	DNM1 pseudogene 46		0,817251934
A_19_P00316919	NR_027058	LINC00338	long intergenic non-protein coding RNA 338	ENST00000434411	0,817179951
A_21_P0000751	NR_038286	LOC100507062	uncharacterized LOC100507062	ENST00000472046	0,817040129
A_21_P0004563	BX109598	XLOC_004901			0,816652947
A_24_P340941	NR_036507	LOC100306975	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 4 pseudogene		0,816621795
A_33_P3389779	ENST00000408998	WDR33	WD repeat domain 33	ENST00000408998	0,816098632
A_23_P119042	NM_005601	NKG7	natural killer cell group 7 sequence	ENST00000221978	0,815819434
A_33_P3326588	NM_003840	TNFRSF10D	tumor necrosis factor receptor superfamily, member 10d, d	ENST00000312584	0,815684802
A_24_P71439	NM_015317	PUM2	pumilio homolog 2 (Drosophila)	ENST00000403432	0,815674899

A_23_P308632	NM_152769	C19orf26	chromosome 19 open reading frame 26	ENST00000215376	0,815497774
A_24_P32139	NM_182589	HTR3E	5-hydroxytryptamine (serotonin) receptor 3, family membe	ENST00000415389	0,815301413
A_21_P0000459	NR_003684	SNORD119	small nucleolar RNA, C/D box 119		0,815277624
A_21_P0001119	ENST00000453837	XLOC_000772		ENST00000453837	0,814926729
A_32_P37592	NR_003003	SCARNA17	small Cajal body-specific RNA 17		0,81477945
A_21_P0004720	ENST00000415144	XLOC_005587		ENST00000415144	0,813663601
A_33_P3284045	NM_199347	NEK10	NIMA (never in mitosis gene a)- related kinase 10	ENST00000341435	0,813580572
A_33_P3258581	NR_024425	LOC389791	uncharacterized LOC389791		0,813506972
A_33_P3289000	ENST00000409375	AP1S3	adaptor-related protein complex 1, sigma 3 subunit	ENST00000409375	0,812812262
A_33_P3305855	AB593152	LOC645967	uncharacterized LOC645967		0,81260885
A_33_P3362770	NM_018427	RRN3	RRN3 RNA polymerase I transcription factor homolog (S. ce	ENST00000327307	0,812567736
A_21_P0014534	XR_110228	LOC100506659	uncharacterized LOC100506659		0,812517996
A_33_P3293169	NM_017749	AMBRA1	autophagy/beclin-1 regulator 1	ENST00000314823	0,811764661
A_33_P3272429	ENST00000472407	CCDC126	coiled-coil domain containing 126	ENST00000472407	0,811108221
A_21_P0006318	TCONS_00016476	XLOC_007848			0,810783243
A_33_P3374035	AK094630	PDXK	pyridoxal (pyridoxine, vitamin B6) kinase		0,810600147
A_33_P3227842	NM_001166006	EPB41	erythrocyte membrane protein band 4.1 (elliptocytosis 1, R	ENST00000373797	0,81055272
A_24_P68222	NR_033381	CD99P1	CD99 molecule pseudogene 1	ENST00000430562	0,810530326
A_24_P122732	NM_173854	SLC41A1	solute carrier family 41, member 1	ENST00000468057	0,810524201
A_33_P3328445	AK074580	LOC100506713	uncharacterized LOC100506713	ENST00000399540	0,810237061
A_33_P3382856	NM_133507	DCN	decorin	ENST00000456569	0,810211688
A_21_P0014279	XR_109102	LOC100293704	uncharacterized LOC100293704		0,810071819
A_23_P41359	NM_014487	ZNF330	zinc finger protein 330	ENST00000507532	0,809955175
A_33_P3267118	ENST00000374933	EIF4G3	eukaryotic translation initiation factor 4 gamma, 3	ENST00000374933	0,809485133
A_33_P3256778	NM_000614	CNTF	ciliary neurotrophic factor		0,809325013
A_21_P0002938	TCONS_00005966	XLOC_002597			0,808886311
A_21_P0014806	XR_132626	LOC100507131	uncharacterized LOC100507131		0,808371041
A_24_P135427	NR_036508	LOC100128398	uncharacterized LOC100128398	ENST00000313957	0,808194943
A_21_P0005772	TCONS_00014874	XLOC_006941			0,808189116

A_21_P0009582	TCONS_00026568	XLOC_012886			0,807805352
A_21_P0003369	ENST00000508135	XLOC_003549		ENST00000508135	0,807622768
A_21_P0000511	NR_024342	SNAR-H	small ILF3/NF90-associated RNA H		0,807279618
A_21_P0012473	NM_007146	VEZF1	vascular endothelial zinc finger 1	ENST00000258963	0,807270598
A_21_P0013510	ENST00000519902	XLOC_I2_014459		ENST00000519902	0,8070925
A_21_P0014390	ENST00000476474	LOC100507111		ENST00000476474	0,807067758
A_21_P0013346	ENST00000451962	XLOC_I2_013963		ENST00000451962	0,806198381
A_23_P125042	NM_013360	ZNF222	zinc finger protein 222	ENST00000251272	0,80609317
A_21_P0014070	ENST00000444037	LOC100506855		ENST00000444037	0,806040686
A_21_P0014018	XM_003403487	LOC100652736	uncharacterized protein LOC100652736		0,805644127
A_23_P130482	NM_198855	ZNF211	zinc finger protein 211	ENST00000254182	0,805420265
A_23_P8013	NM_003519	HIST1H2BL	histone cluster 1, H2bl	ENST00000377401	0,80505917
A_33_P3257678	NM_001005464	HIST2H3A	histone cluster 2, H3a	ENST00000369158	0,804788875
A_21_P0008383	TCONS_00022622	XLOC_010922			0,804512012
A_23_P307310	NM_013227	ACAN	aggrecan	ENST00000439576	0,80450529
A_19_P00806753	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000426529	0,804486488
A_21_P0011941	TCONS_I2_0001474	XLOC_I2_008163			0,803934591
A_32_P113566	NM_152733	BTBD9	BTB (POZ) domain containing 9	ENST00000403056	0,803891471
A_33_P3322050	NM_130438	DYRK1A	dual-specificity tyrosine-(Y)-phosphorylation regulated kina:	ENST00000321219	0,803541766
A_23_P256244	ENST00000497705	OXR1	oxidation resistance 1	ENST00000497705	0,803422411
A_33_P3228300	NM_005772	RCL1	RNA terminal phosphate cyclase-like 1	ENST00000381730	0,803171585
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,803086336
A_21_P0006782	ENST00000444965	XLOC_008907		ENST00000444965	0,803008757
A_33_P3398862	NM_004040	RHOB	ras homolog gene family, member B	ENST00000272233	0,802307774
A_23_P369343	NM_144505	KLK8	kallikrein-related peptidase 8	ENST00000391806	0,801941731
A_21_P0002265	TCONS_00004866	XLOC_001608			0,801742206
A_23_P87013	NM_001001522	TAGLN	transgelin	ENST00000392951	0,80079703
A_23_P301247	NM_003517	HIST2H2AC	histone cluster 2, H2ac	ENST00000331380	0,800271117
A_21_P0000381	NR_003058	SNORD70	small nucleolar RNA, C/D box 70		0,800229998

A_23_P301328	ENST00000476313	PDXK	pyridoxal (pyridoxine, vitamin B6) kinase	ENST00000476313	0,799939122
A_23_P164468	NM_014913	ADNP2	ADNP homeobox 2	ENST00000262198	0,799674655
A_23_P16652	NM_152791	ZNF555	zinc finger protein 555	ENST00000334241	0,799543654
A_21_P0000257	NR_002563	SNORD27	small nucleolar RNA, C/D box 27		0,799389532
A_33_P3246858	ENST00000393149	TBX15	T-box 15	ENST00000393149	0,799362404
A_33_P3299386	NM_001039654	ZNF550	zinc finger protein 550	ENST00000506609	0,799311636
A_23_P45913	NM_004814	SNRNP40	small nuclear ribonucleoprotein 40kDa (U5)	ENST00000474025	0,799143817
A_21_P0011130	THC2506137	XLOC_I2_003647			0,798794057
A_23_P372988	NM_001134316	PRR22	proline rich 22	ENST00000390672	0,798481387
A_33_P3310070	NM_004514	FOXK2	forkhead box K2	ENST00000335241	0,797766831
A_19_P00324399	XR_110378	LOC100507317	uncharacterized LOC100507317	ENST00000553135	0,797656977
A_23_P366216	NM_003524	HIST1H2BH	histone cluster 1, H2bh	ENST00000356350	0,797651311
A_23_P95594	NM_000662	NAT1	N-acetyltransferase 1 (arylamine N-acetyltransferase)	ENST00000520546	0,797608691
A_24_P345209	NM_001004023	DYRK3	dual-specificity tyrosine-(Y)-phosphorylation regulated kina:	ENST00000367106	0,7972747
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,796861618
A_33_P3552465	ENST00000463067	ZNF852	zinc finger protein 852	ENST00000463067	0,796848473
A_23_P209954	NM_006433	GNLY	granulysin	ENST00000489980	0,796401603
A_21_P0007854	TCONS_00021223	XLOC_009911			0,796209827
A_21_P0000279	NR_002735	SNORD61	small nucleolar RNA, C/D box 61		0,796069397
A_21_P0003792	TCONS_00008639	XLOC_004144			0,79575534
A_33_P3379486	AK127427	LOC100130581	uncharacterized LOC100130581		0,795241347
A_23_P346376	NM_014499	P2RY10	purinergic receptor P2Y, G-protein coupled, 10	ENST00000475374	0,794880996
A_33_P3340718	NM_021140	KDM6A	lysine (K)-specific demethylase 6A	ENST00000334516	0,794098054
A_21_P0000062	NM_001166242	C22orf39	chromosome 22 open reading frame 39	ENST00000542103	0,792898405
A_21_P0013267	NR_026999	LINC00265	long intergenic non-protein coding RNA 265	ENST00000427210	0,792438743
A_23_P9289	NM_134428	RFX3	regulatory factor X, 3 (influences HLA class II expression)	ENST00000458034	0,792355624
A_21_P0010027	TCONS_00028351	XLOC_013702			0,791379005
A_33_P3265714	NM_173649	C2orf61	chromosome 2 open reading frame 61		0,791209403
A_32_P319858	NM_198478	NKPD1	NTPase, KAP family P-loop domain containing 1	ENST00000429338	0,790821594

A_19_P00322440	NR_036444	LOC400550	uncharacterized LOC400550		0,7904486
A_21_P0008484	ENST00000502187	XLOC_011117		ENST00000502187	0,790244377
A_21_P0003279	TCONS_00007119	XLOC_003052			0,790166312
A_21_P0000483	NR_003941	SNORD75	small nucleolar RNA, C/D box 75		0,789833893
A_21_P0014748	XR_133234	LOC100653178	uncharacterized LOC100653178		0,789661117
A_21_P0000366	NR_003031	SNORD11	small nucleolar RNA, C/D box 11		0,789556191
A_21_P0007895	ENST00000539956	VSIG10	V-set and immunoglobulin domain containing 10	ENST00000539956	0,789402219
A_21_P0000461	NR_003686	SNORD125	small nucleolar RNA, C/D box 125		0,788025047
A_24_P91405	NM_152601	ZNF709	zinc finger protein 709	ENST00000397732	0,787915908
A_21_P0006102	ENST00000440009	XLOC_007830		ENST00000440009	0,787717828
A_24_P184844	AF006514	CHD2	chromodomain helicase DNA binding protein 2	ENST00000557381	0,787543204
A_23_P70733	NM_001033080	TAAR2	trace amine associated receptor 2	ENST00000367931	0,787526037
A_23_P67367	NM_014475	DHDH	dihydrodiol dehydrogenase (dimeric)	ENST00000520557	0,787492351
A_33_P3330546	NM_152557	ZNF746	zinc finger protein 746	ENST00000486492	0,787483017
A_21_P0014876	XR_132783	LOC100652948	uncharacterized LOC100652948		0,787370193
A_33_P3415430	NM_005346	HSPA1B	heat shock 70kDa protein 1B	ENST00000391548	0,786857595
A_21_P0002944	THC2668179	XLOC_002616			0,786833145
A_33_P3226542	NR_003271	SNORD3B-1	small nucleolar RNA, C/D box 3B-1		0,786777567
A_33_P3350343	AK021845	MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)		0,786737922
A_21_P0000245	NR_002441	SNORD18A	small nucleolar RNA, C/D box 18A		0,786547871
A_21_P0001010	TCONS_00000293	XLOC_000377			0,786404887
A_33_P3248424	NM_138348	FAM105B	family with sequence similarity 105, member B		0,785916406
A_21_P0008274	BC038722	XLOC_011011			0,785741259
A_19_P00322900	NR_003491	MIAT			0,785358511
A_21_P0000509	NR_024244	SNAR-G2	small ILF3/NF90-associated RNA G2		0,784937777
A_21_P0000294	NR_002910	SNORA71B	small nucleolar RNA, H/ACA box 71B		0,7843937
A_21_P0012438	NM_014831	TRANK1	tetratricopeptide repeat and ankyrin repeat containing 1	ENST00000505962	0,784303213
A_21_P0000092	NM_001174108	ZBED6	zinc finger, BED-type containing 6	ENST00000550078	0,784288675
A_21_P0001771	AK022396	FLJ12334	uncharacterized LOC400946		0,784168555

A_21_P0006439	ENST00000430235	XLOC_008099		ENST00000430235	0,784085616
A_24_P80532	NM_004354	CCNG2	cyclin G2	ENST00000354403	0,784047924
A_23_P145584	NM_003344	UBE2H	ubiquitin-conjugating enzyme E2H	ENST00000355621	0,783977794
A_32_P82475	NR_003138	SNHG10	small nucleolar RNA host gene 10 (non-protein coding)		0,783811336
A_33_P3229452	AK126441	FLJ44477	FLJ44477 protein		0,783324699
A_23_P401014	NM_005744	ARIH1	ariadne homolog, ubiquitin-conjugating enzyme E2 binding	ENST00000299305	0,783313085
A_21_P0001840	AL117577	XLOC_001377		ENST00000450628	0,783191607
A_24_P291658	NM_000667	ADH1A	alcohol dehydrogenase 1A (class I), alpha polypeptide	ENST00000412614	0,782996428
A_33_P3297517	NM_001243879	TRA2B	transformer 2 beta homolog (Drosophila)	ENST00000342294	0,782451621
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,782138339
A_21_P0014864	XR_132756	LOC100652761	uncharacterized LOC100652761		0,782025633
A_24_P48318	NM_017748	CWC25	CWC25 spliceosome-associated protein homolog (S. cerevis)	ENST00000536127	0,781785499
A_21_P0010755	NM_022064	RNF123	ring finger protein 123	ENST00000443204	0,78141614
A_21_P0014075	XR_108352	LOC339400	uncharacterized LOC339400		0,781376446
A_33_P3400758	NM_152791	ZNF555	zinc finger protein 555	ENST00000382127	0,781270934
A_21_P0000374	NR_003046	SNORD59B	small nucleolar RNA, C/D box 59B		0,781220279
A_33_P3368193	NM_001011709	PNLIPRP3	pancreatic lipase-related protein 3	ENST00000369230	0,781099343
A_24_P944588	NM_033196	ZNF682	zinc finger protein 682	ENST00000341262	0,7810001
A_32_P45168	NM_002184	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000336909	0,780770618
A_33_P3216319	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,780765284
A_21_P0000370	NR_003036	SNORD6	small nucleolar RNA, C/D box 6		0,78063944
A_21_P0002435	THC2682661	XLOC_002080			0,780600922
A_23_P92107	NM_021082	SLC15A2	solute carrier family 15 (H+/peptide transporter), member 2	ENST00000489711	0,78059675
A_21_P0014261	XR_109038	LOC100507128	uncharacterized LOC100507128		0,780551826
A_21_P0000501	NR_004403	SNORD97	small nucleolar RNA, C/D box 97	ENST00000530564	0,780332013
A_33_P3274618	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000427210	0,78025838
A_23_P123108	ENST00000493453	AKAP9	A kinase (PRKA) anchor protein (yotiao) 9	ENST00000493453	0,780200625
A_21_P0002981	BX109067	XLOC_002713			0,780188409
A_21_P0002958	ENST00000435419	XLOC_002643		ENST00000435419	0,779863363

A_19_P00321765	NR_038988	LOC100287765			0,77941695
A_21_P0006940	TCONS_00018395	XLOC_008678			0,779378838
A_23_P12343	NM_000849	GSTM3	glutathione S-transferase mu 3 (brain)	ENST00000488824	0,778900137
A_21_P0013163	NR_024045	RAET1K	retinoic acid early transcript 1K pseudogene	ENST00000533735	0,778754637
A_21_P0014195	XR_108794	LOC100506312	uncharacterized LOC100506312		0,778020869
A_23_P12343	NM_000849	GSTM3	glutathione S-transferase mu 3 (brain)	ENST00000488824	0,777896292
A_33_P3375762	NR_040117	LOC392364	chromosome 15 open reading frame 2 pseudogene	ENST00000399186	0,777765009
A_23_P46725	NM_025209	EPC1	enhancer of polycomb homolog 1 (Drosophila)	ENST00000263062	0,777740558
A_24_P120109	NM_198963	DHX57	DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57	ENST00000355320	0,777482018
A_23_P143173	NM_032214	SLA2	Src-like-adaptor 2	ENST00000360672	0,777309474
A_33_P3258362	NM_000517	HBA2	hemoglobin, alpha 2	ENST00000482565	0,776903215
A_33_P3221343	NM_173497	HECTD2	HECT domain containing 2	ENST00000371681	0,776806926
A_33_P3245006	NM_015533	DAK	dihydroxyacetone kinase 2 homolog (S. cerevisiae)	ENST00000394900	0,776291924
A_21_P0000265	NR_002580	SNORA3	small nucleolar RNA, H/ACA box 3	ENST00000530585	0,776230388
A_21_P0000138	NM_001197238	BTN2A2	butyrophilin, subfamily 2, member A2	ENST00000469230	0,775821
A_33_P3256532	NM_032120	C7orf64	chromosome 7 open reading frame 64	ENST00000450580	0,775812745
A_23_P300124	NM_144775	SMCR8	Smith-Magenis syndrome chromosome region, candidate 8	ENST00000406438	0,775639059
A_24_P50818	NM_001206774	GTF3C3	general transcription factor IIIC, polypeptide 3, 102kDa	ENST00000409364	0,775595732
A_21_P0000222	NR_000024	SNORD46	small nucleolar RNA, C/D box 46		0,775027906
A_23_P411157	NM_005430	WNT1	wingless-type MMTV integration site family, member 1		0,774832078
A_21_P0000577	NR_029378	LOC100289511	uncharacterized LOC100289511		0,774452501
A_33_P3233764	NM_004690	LATS1	LATS, large tumor suppressor, homolog 1 (Drosophila)	ENST00000392273	0,77424625
A_23_P200780	NM_003243	TGFBR3	transforming growth factor, beta receptor III	ENST00000532540	0,77420059
A_23_P395374	NM_003539	HIST1H4D	histone cluster 1, H4d	ENST00000340756	0,774155739
A_21_P0000508	NR_024243	SNAR-D	small ILF3/NF90-associated RNA D		0,774085291
A_23_P54447	NR_026813	C15orf5	chromosome 15 open reading frame 5		0,773729368
A_23_P416751	NM_173530	ZNF610	zinc finger protein 610	ENST00000403906	0,7736512
A_33_P3843358	BG944179	SNORD8	small nucleolar RNA, C/D box 8		0,773619086
A_21_P0005322	ENST00000485282	XLOC_006555		ENST00000485282	0,773424777

A_23_P12343	NM_000849	GSTM3	glutathione S-transferase mu 3 (brain)	ENST00000488824	0,773223356
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,772803782
A_23_P12343	NM_000849	GSTM3	glutathione S-transferase mu 3 (brain)	ENST00000488824	0,772741358
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,772654617
A_23_P160466	NM_006996	SLC19A2	solute carrier family 19 (thiamine transporter), member 2	ENST00000236137	0,772616914
A_33_P3353030	NM_003353	UCN	urocortin	ENST00000296099	0,77256425
A_23_P12343	NM_000849	GSTM3	glutathione S-transferase mu 3 (brain)	ENST00000488824	0,772448326
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,772272004
A_21_P0002860	ENST00000465795	XLOC_003166		ENST00000465795	0,771988815
A_24_P194748	NM_001080485	ZNF275	zinc finger protein 275	ENST00000421401	0,771764793
A_23_P380724	NM_021826	FASTKD5	FAST kinase domains 5	ENST00000380266	0,771564491
A_33_P3397768	AK024148	PPP6R2	protein phosphatase 6, regulatory subunit 2		0,771447242
A_33_P3406196	NM_002262	KLRD1	killer cell lectin-like receptor subfamily D, member 1	ENST00000344825	0,771438538
A_24_P264166	NR_033351	GOLGA8F	golgin A8 family, member F	ENST00000524859	0,771371062
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,7711826
A_21_P0011441	TCONS_I2_0000977	XLOC_I2_005244			0,770379448
A_33_P3368339	NM_001045477	FAM22G	family with sequence similarity 22, member G	ENST00000354649	0,770350436
A_33_P3329834	NM_018061	PRPF38B	PRP38 pre-mRNA processing factor 38 (yeast) domain cont	ENST00000370022	0,770274648
A_21_P0001493	TCONS_00001468	XLOC_000794			0,770155474
A_23_P212568	NM_016388	TRAT1	T cell receptor associated transmembrane adaptor 1	ENST00000295756	0,769937192
A_21_P0009089	TCONS_00024777	XLOC_012052			0,769432439
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,769225443
A_23_P12343	NM_000849	GSTM3	glutathione S-transferase mu 3 (brain)	ENST00000488824	0,769118161
A_33_P3861706	NM_017762	MTMR10	myotubularin related protein 10	ENST00000435680	0,768584781
A_23_P113462	NM_017641	KIF21A	kinesin family member 21A	ENST00000395670	0,767871198
A_23_P12343	NM_000849	GSTM3	glutathione S-transferase mu 3 (brain)	ENST00000488824	0,767755072
A_24_P12065	NM_004354	CCNG2	cyclin G2	ENST00000316355	0,767639566
A_19_P00322645	XR_110237	LOC283588	uncharacterized LOC283588		0,76762625
A_23_P111054	NM_021062	HIST1H2BB	histone cluster 1, H2bb	ENST00000357905	0,767505426

A_19_P00316000	NR_015431	FLJ43663	uncharacterized LOC378805		0,767461964
A_21_P0014589	XR_110415	LOC100507212	uncharacterized LOC100507212		0,767383687
A_21_P0010654	NM_001161334	HIST2H2BF	histone cluster 2, H2bf	ENST00000369167	0,767246
A_33_P3762918	NR_039981	LOC100216546	uncharacterized LOC100216546		0,767082705
A_33_P3364263	NM_030915	LBH	limb bud and heart development homolog (mouse)	ENST00000484150	0,766935297
A_33_P3326545	NM_182492	LRP5L	low density lipoprotein receptor-related protein 5-like	ENST00000402785	0,766291189
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	0,766094978
A_23_P12343	NM_000849	GSTM3	glutathione S-transferase mu 3 (brain)	ENST00000488824	0,76598406
A_21_P0001717	CR617576	XLOC_000647			0,765952071
A_33_P3366754	AK126945	LOC100128670	uncharacterized LOC100128670		0,765641782
A_23_P12343	NM_000849	GSTM3	glutathione S-transferase mu 3 (brain)	ENST00000488824	0,765605565
A_33_P3313622	NR_027350	MIR17HG	miR-17-92 cluster host gene (non-protein coding)		0,765576032
A_33_P3213374	NM_006079	CITED2	Cbp/p300-interacting transactivator, with Glu/Asp-rich carb	ENST00000392312	0,765357809
A_33_P3317103	NM_001017437	CCDC157	coiled-coil domain containing 157	ENST00000338306	0,765186219
A_23_P332908	NM_144982	ZFC3H1	zinc finger, C3H1-type containing	ENST00000548100	0,765142269
A_21_P0005394	BX117012	XLOC_006144			0,765083904
A_33_P3378383	NR_003260	DNM1P46	DNM1 pseudogene 46	ENST00000341853	0,765044876
A_23_P18993	NM_152622	MIER3	mesoderm induction early response 1, family member 3	ENST00000452157	0,765042207
A_23_P111041	NM_003525	HIST1H2BI	histone cluster 1, H2bi	ENST00000377733	0,764940159
A_32_P70724	NM_006618	KDM5B	lysine (K)-specific demethylase 5B	ENST00000538292	0,76483772
A_33_P3800496	BX470739	SNORA46	small nucleolar RNA, H/ACA box 46		0,764359074
A_24_P187859	AK095964	MRPS27	mitochondrial ribosomal protein S27		0,764317222
A_21_P0012409	TCONS_I2_0001896	XLOC_I2_009968			0,764291541
A_33_P3278764	BC031959	LOC100132078	uncharacterized LOC100132078		0,764223276
A_19_P00321361	NR_015431	FLJ43663	uncharacterized LOC378805		0,76410541
A_33_P3276250	AK308704	TMEM191C	transmembrane protein 191C		0,764079293
A_23_P302018	NM_003328	TXK	TXK tyrosine kinase	ENST00000514937	0,763809965
A_19_P00318561	XR_108763	LOC100506516	uncharacterized LOC100506516	ENST00000414621	0,763609388
A_21_P0008206	TCONS_00022098	XLOC_010707			0,763530158

A_21_P0014601	ENST00000466213	SFPQ	splicing factor proline/glutamine-rich	ENST00000466213	0,763406041
A_21_P0000579	NR_029383	PAN3-AS1	PAN3 antisense RNA 1 (non-protein coding)		0,763266173
A_21_P0001482	ENST00000473314	C1orf63	chromosome 1 open reading frame 63	ENST00000473314	0,763245119
A_33_P3401284	NR_003051	RMRP	RNA component of mitochondrial RNA processing endoribonuclease		0,762518817
A_33_P3376454	XR_108564	LOC100133299	GALI1870		0,762138628
A_23_P74467	NM_014949	KIAA0907	KIAA0907	ENST00000368320	0,761395133
A_21_P0014522	XR_110202	LOC100506090	uncharacterized LOC100506090		0,761324911
A_33_P3223660	NR_023389	LINC00476	long intergenic non-protein coding RNA 476		0,76129079
A_23_P79818	NM_016470	C20orf111	chromosome 20 open reading frame 111	ENST00000372970	0,760946142
A_23_P125639	NM_003410	ZFX	zinc finger protein, X-linked	ENST00000540034	0,760934902
A_33_P3237590	AK123396	LOC728178	uncharacterized LOC728178		0,760793395
A_23_P12343	NM_000849	GSTM3	glutathione S-transferase mu 3 (brain)	ENST00000488824	0,760689844
A_33_P3385762	NM_001005178	OR52W1	olfactory receptor, family 52, subfamily W, member 1	ENST00000311352	0,760536091
A_23_P82324	NM_032415	CARD11	caspase recruitment domain family, member 11	ENST00000396946	0,760256552
A_23_P340019	NM_178844	NLRC3	NLR family, CARD domain containing 3	ENST00000419350	0,759952994
A_23_P20752	NM_001039803	CDK20	cyclin-dependent kinase 20	ENST00000325303	0,759937311
A_23_P74042	NM_012302	LPHN2	latrophilin 2	ENST00000370725	0,759528926
A_19_P00316911	ENST00000453636	XLOC_001688		ENST00000453636	0,759352307
A_19_P00813192	ENST00000534659	XLOC_l2_002761		ENST00000534659	0,759314364
A_23_P161076	NM_001767	CD2	CD2 molecule	ENST00000369478	0,759251456
A_21_P0011465	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinas	ENST00000447140	0,758913751
A_23_P102286	NM_000233	LHCGR	luteinizing hormone/choriogonadotropin receptor	ENST00000401907	0,758714583
A_23_P327156	NR_024334	LOC645431	uncharacterized LOC645431		0,758569338
A_24_P384569	NM_001163287	EWSR1	Ewing sarcoma breakpoint region 1	ENST00000483415	0,758426074
A_19_P00321885	NR_015431	FLJ43663	uncharacterized LOC378805		0,758244348
A_21_P0014093	XR_108413	LOC100507039	uncharacterized LOC100507039		0,758169747
A_24_P737939	NM_001012974	C6orf154	chromosome 6 open reading frame 154	ENST00000468319	0,757883778
A_23_P153767	NM_014371	AKAP8L	A kinase (PRKA) anchor protein 8-like	ENST00000397410	0,756982353
A_21_P0011721	XR_109580	LOC100505555	uncharacterized LOC100505555		0,756559501

A_33_P3299122	ENST00000402929	HNF1A	HNF1 homeobox A	ENST00000402929	0,756364397
A_21_P0005460	ENST00000469418	XLOC_006324		ENST00000469418	0,756127439
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,755902351
A_21_P0008450	TCONS_00022773	XLOC_011057			0,755878642
A_23_P167997	NM_003518	HIST1H2BG	histone cluster 1, H2bg	ENST00000244601	0,755749885
A_21_P0000630	NR_034079	LOC643733	caspase 4, apoptosis-related cysteine peptidase pseudogen	ENST00000527637	0,755637299
A_23_P22682	NM_016608	ARMCX1	armadillo repeat containing, X-linked 1	ENST00000538894	0,755203719
A_33_P3304527	NM_021035	ZNFX1	zinc finger, NFX1-type containing 1	ENST00000396106	0,754908641
A_33_P3353425	NM_020935	USP37	ubiquitin specific peptidase 37	ENST00000478329	0,754876615
A_33_P3280875	NM_006469	IVNS1ABP	influenza virus NS1A binding protein	ENST00000392007	0,754695187
A_23_P325631	NM_003036	SKI	v-ski sarcoma viral oncogene homolog (avian)	ENST00000378536	0,754636719
A_21_P0000270	NR_002586	SNORA63	small nucleolar RNA, H/ACA box 63	ENST00000494445	0,75443841
A_21_P0010400	TCONS_00029538	XLOC_014188			0,754408756
A_33_P3381361	ENST00000312632	SPG7	spastic paraplegia 7 (pure and complicated autosomal recessive)	ENST00000312632	0,754194862
A_24_P375205	ENST00000389126	MKL2	MKL/myocardin-like 2	ENST00000389126	0,753649243
A_23_P101623	NM_022103	ZNF667	zinc finger protein 667	ENST00000360227	0,753330388
A_23_P86386	NM_024804	ZNF669	zinc finger protein 669	ENST00000535105	0,753165704
A_33_P3316928	NM_020651	PELI1	pellino homolog 1 (Drosophila)	ENST00000358912	0,753006937
A_32_P115050	NR_037595	LOC646576	uncharacterized LOC646576		0,752861658
A_21_P0014219	XR_108902	LOC100507204	uncharacterized LOC100507204		0,752839687
A_21_P0000507	NR_024230	SNAR-B2	small ILF3/NF90-associated RNA B2		0,75283617
A_21_P0010495	NR_038958	LOC100507412	uncharacterized LOC100507412		0,752414929
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,75216651
A_33_P3355926	NR_034083	LOC100130894	uncharacterized LOC100130894	ENST00000398177	0,752149221
A_23_P139558	NM_022771	TBC1D15	TBC1 domain family, member 15	ENST00000546450	0,752061226
A_33_P3288431	NM_152589	C12orf50	chromosome 12 open reading frame 50	ENST00000551163	0,751606015
A_23_P46396	NM_021190	PTBP2	polypyrimidine tract binding protein 2	ENST00000394176	0,751437928
A_23_P167882	NM_052872	IL17F	interleukin 17F	ENST00000478427	0,750634495
A_32_P206479	NM_178457	ZNF831	zinc finger protein 831	ENST00000371030	0,750568991

A_23_P250874	NM_003602	FKBP6	FK506 binding protein 6, 36kDa	ENST00000431982	0,750498231
A_33_P3320010	NM_006089	SCML2	sex comb on midleg-like 2 (Drosophila)	ENST00000491988	0,750354135
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,750329677
A_23_P126844	NM_148965	TNFRSF25	tumor necrosis factor receptor superfamily, member 25	ENST00000513135	0,749901837
A_23_P59045	NM_021052	HIST1H2AE	histone cluster 1, H2ae	ENST00000303910	0,749756233
A_23_P85188	NM_022838	ARMCX5	armadillo repeat containing, X-linked 5	ENST00000372742	0,749583979
A_33_P3353979	NM_181519	SYT15	synaptotagmin XV	ENST00000374330	0,749578394
A_21_P0008921	TCONS_00024367	XLOC_011691			0,748908867
A_33_P3404676	ENST00000371958	AMOT	angiomin	ENST00000371958	0,748655696
A_21_P0002132	ENST00000443261	XLOC_002449		ENST00000443261	0,748387499
A_23_P110699	NM_052860	ZNF300	zinc finger protein 300	ENST00000394226	0,748285259
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,747718197
A_24_P7790	NM_172006	WFDC10B	WAP four-disulfide core domain 10B	ENST00000330523	0,747283353
A_23_P53193	NM_206927	SYTL2	synaptotagmin-like 2	ENST00000525692	0,746916305
A_33_P3405459	NM_024059	C20orf195	chromosome 20 open reading frame 195	ENST00000370098	0,746631019
A_33_P3219010	ENST00000505713	PPA2	pyrophosphatase (inorganic) 2	ENST00000505713	0,746542617
A_21_P0014071	XR_108345	LOC100132909	uncharacterized LOC100132909		0,746514411
A_23_P417891	NM_145735	ARHGEF7	Rho guanine nucleotide exchange factor (GEF) 7	ENST00000375741	0,746317183
A_21_P0001655	TCONS_00001909	XLOC_000008			0,746175982
A_21_P0000244	NR_002440	SNORD16	small nucleolar RNA, C/D box 16		0,74598449
A_23_P142407	NM_033204	ZNF101	zinc finger protein 101	ENST00000444249	0,745889017
A_23_P110699	NM_052860	ZNF300	zinc finger protein 300	ENST00000394226	0,745623944
A_33_P3318611	AK128825	LOC100131907	uncharacterized LOC100131907		0,744975553
A_21_P0014102	XR_108434	LOC643072	uncharacterized LOC643072		0,744755543
A_23_P350689	NM_173570	ZDHHC23	zinc finger, DHHC-type containing 23	ENST00000478793	0,744729959
A_23_P110699	NM_052860	ZNF300	zinc finger protein 300	ENST00000394226	0,74432738
A_19_P00322743	XR_110481	LOC100506029	uncharacterized LOC100506029		0,744112924
A_33_P3416009	AK001274	DONSON	downstream neighbor of SON	ENST00000303113	0,744080449
A_21_P0000337	NR_002983	SNORA55	small nucleolar RNA, H/ACA box 55		0,743931768

A_21_P0013793	NM_014675	CROCC	ciliary rootlet coiled-coil, rootletin	ENST00000467715	0,74388049
A_19_P00315791	NR_034007	LOC339894	uncharacterized LOC339894	ENST00000471357	0,743488782
A_33_P3304754	ENST00000490010	TPP2	tripeptidyl peptidase II	ENST00000490010	0,743369089
A_21_P0000227	NR_001285	SNORD35B	small nucleolar RNA, C/D box 35B		0,743266766
A_33_P3285145	XR_109830	LOC100131826	TSSP3028		0,743070368
A_23_P207774	NM_014238	KSR1	kinase suppressor of ras 1	ENST00000398982	0,741794421
A_23_P29257	NM_005318	H1F0	H1 histone family, member 0	ENST00000340857	0,741561719
A_23_P216038	NM_032205	PHF20L1	PHD finger protein 20-like 1	ENST00000315808	0,741186452
A_21_P0004514	TCONS_00010726	XLOC_004448			0,741151194
A_23_P162171	NM_006500	MCAM	melanoma cell adhesion molecule	ENST00000527913	0,741015464
A_21_P0001617	TCONS_00001800	XLOC_001189			0,74099768
A_23_P134204	NM_032599	FAM71F1	family with sequence similarity 71, member F1	ENST00000484425	0,740809301
A_21_P0014563	XR_110312	LOC100505675	uncharacterized LOC100505675		0,740792613
A_21_P0011282	AY338954	XLOC_I2_004342			0,740595469
A_21_P0006386	TCONS_00016844	XLOC_007801			0,740511389
A_23_P127394	NM_021117	CRY2	cryptochrome 2 (photolyase-like)	ENST00000443527	0,740408959
A_19_P00812151	NR_024448	GUSBP11		ENST00000451919	0,740127312
A_33_P3222501	NM_001145248	FAM157A	family with sequence similarity 157, member A	ENST00000480075	0,740090771
A_33_P3250148	NM_198956	SP8	Sp8 transcription factor	ENST00000297210	0,739685199
A_23_P106371	NM_001038640	GOLGA6A	golgin A6 family, member A	ENST00000290438	0,739481527
A_33_P3390713	ENST00000377043	TMEM2	transmembrane protein 2	ENST00000377043	0,739453017
A_21_P0010437	TCONS_00029688	XLOC_014356			0,739185799
A_24_P237175	NM_001322	CST2	cystatin SA	ENST00000304725	0,738780679
A_21_P0014846	ENST00000546112	LOC100288831		ENST00000546112	0,738574956
A_23_P131348	NM_025264	THUMPD2	THUMP domain containing 2	ENST00000530095	0,737949957
A_33_P3251347	ENST00000378928	TAB3	TGF-beta activated kinase 1/MAP3K7 binding protein 3	ENST00000378928	0,73789641
A_19_P00802417	THC2648133	P39195			0,737782672
A_33_P3243332	NM_152432	ARHGAP42	Rho GTPase activating protein 42	ENST00000529535	0,737710283
A_33_P3229067	NM_003520	HIST1H2BN	histone cluster 1, H2bn	ENST00000396980	0,737533142

A_19_P00321886	NR_015431	FLJ43663	uncharacterized LOC378805		0,737440668
A_33_P3307820	NM_001013623	C6orf94	chromosome 6 open reading frame 94	ENST00000539295	0,73720827
A_19_P00318261	NR_003016	SNORA26			0,737167217
A_21_P0002570	TCONS_00004689	XLOC_001331			0,737161656
A_23_P72737	NM_003641	IFITM1	interferon induced transmembrane protein 1 (9-27)	ENST00000452428	0,736854344
A_21_P0002307	TCONS_00003921	XLOC_001726			0,736539566
A_21_P0009400	THC2706904	XLOC_012359			0,736369338
A_23_P324989	ENST00000420326	RECQL5	RecQ protein-like 5	ENST00000420326	0,736196151
A_23_P359636	NM_144695	BROX	BRO1 domain and CAAX motif containing	ENST00000539697	0,735961848
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,735805274
A_24_P278172	NM_006007	ZFAND5	zinc finger, AN1-type domain 5	ENST00000487330	0,735765951
A_24_P359030	NR_024233	LINC00167	long intergenic non-protein coding RNA 167		0,735343332
A_33_P3335984	BC132927	FLJ39653	uncharacterized FLJ39653		0,735235378
A_21_P0004832	TCONS_00011686	XLOC_005163			0,734956054
A_33_P3244478	NR_028389	LOC100128640	uncharacterized LOC100128640		0,734934345
A_23_P91943	NM_000882	IL12A	interleukin 12A (natural killer cell stimulatory factor 1, cyto	ENST00000496308	0,734729962
A_33_P3305243	ENST00000373903	PSMD5	proteasome (prosome, macropain) 26S subunit, non-ATPase	ENST00000373903	0,734638647
A_33_P3649472	NR_027078	LOC283856	uncharacterized LOC283856		0,734525517
A_33_P3385870	NM_004354	CCNG2	cyclin G2	ENST00000316355	0,734400155
A_24_P169896	NM_001243541	LOC100653515	differential display clone 8	ENST00000475198	0,734123743
A_23_P126727	NM_024654	NOL9	nucleolar protein 9	ENST00000377705	0,734112878
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,734053762
A_23_P40657	NM_014291	GCAT	glycine C-acetyltransferase	ENST00000394944	0,733942442
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,733523328
A_24_P277934	NM_000089	COL1A2	collagen, type I, alpha 2	ENST00000464916	0,733520846
A_21_P0001374	ENST00000464336	NBPF15	neuroblastoma breakpoint family, member 15	ENST00000464336	0,733506264
A_21_P0000285	NR_002744	SNORD49A	small nucleolar RNA, C/D box 49A		0,733222133
A_21_P0011288	NM_012102	RERE	arginine-glutamic acid dipeptide (RE) repeats	ENST00000480342	0,733069028
A_33_P3403937	AK124011	LOC100129399	uncharacterized LOC100129399		0,732897469

A_33_P3263392	AK126149	LOC729696	uncharacterized LOC729696		0,732803049
A_33_P3228977	ENST00000382893	UTY	ubiquitously transcribed tetratricopeptide repeat gene, Y-lir	ENST00000382893	0,732679042
A_33_P3423590	AK126260	LOC100129275	uncharacterized LOC100129275		0,732671567
A_33_P3345623	NM_001003700	RREB1	ras responsive element binding protein 1	ENST00000334984	0,732533743
A_23_P110699	NM_052860	ZNF300	zinc finger protein 300	ENST00000394226	0,732097757
A_33_P3250680	NM_000074	CD40LG	CD40 ligand	ENST00000370629	0,731890778
A_21_P0001945	ENST00000424655	XLOC_001776		ENST00000424655	0,731668325
A_23_P6066	NM_019609	CPXM1	carboxypeptidase X (M14 family), member 1	ENST00000421947	0,731639686
A_23_P13033	NM_002896	RBM4	RNA binding motif protein 4	ENST00000408993	0,731494693
A_33_P3363082	NR_003008	SCARNA5	small Cajal body-specific RNA 5		0,731194079
A_23_P34676	NM_198053	CD247	CD247 molecule	ENST00000483825	0,731062862
A_21_P0000358	NR_003017	SNORA71C	small nucleolar RNA, H/ACA box 71C		0,730678388
A_24_P923757	NM_018179	ATF7IP	activating transcription factor 7 interacting protein	ENST00000396279	0,730667687
A_24_P170774	NM_015116	LRCH1	leucine-rich repeats and calponin homology (CH) domain cc	ENST00000389798	0,730427393
A_21_P0012255	TCONS_I2_0001763	XLOC_I2_009316			0,730299702
A_33_P3423941	NM_003641	IFITM1	interferon induced transmembrane protein 1 (9-27)	ENST00000408968	0,730113628
A_21_P0008992	TCONS_00024502	XLOC_011821			0,729784269
A_32_P88719	NM_001031834	RAB40AL	RAB40A, member RAS oncogene family-like	ENST00000218249	0,729667056
A_21_P0000322	NR_002968	SNORA34	small nucleolar RNA, H/ACA box 34		0,729583503
A_23_P336198	NM_138426	GLCCI1	glucocorticoid induced transcript 1	ENST00000482540	0,729221543
A_33_P3233995	ENST00000330955	BAALC	brain and acute leukemia, cytoplasmic	ENST00000330955	0,729123253
A_32_P182473	NM_145233	ZNF625	zinc finger protein 625	ENST00000439556	0,728674697
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,728557053
A_33_P3369550	NM_004768	SRSF11	serine/arginine-rich splicing factor 11	ENST00000405432	0,728487714
A_23_P30972	NM_022091	ASCC3	activating signal cointegrator 1 complex subunit 3	ENST00000324723	0,728460429
A_23_P408167	NM_001004051	GPRASP2	G protein-coupled receptor associated sorting protein 2	ENST00000332262	0,728206634
A_33_P3217534	NM_053043	RBM33	RNA binding motif protein 33	ENST00000401878	0,728006232
A_21_P0013865	ENST00000422194	XLOC_I2_015752		ENST00000422194	0,727654294
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,727359286

A_33_P3297651	AK125068	LOC100130540	uncharacterized LOC100130540		0,727223112
A_23_P78802	NM_016457	PRKD2	protein kinase D2	ENST00000291281	0,727022043
A_33_P3659678	ENST00000487099	NR6A1	nuclear receptor subfamily 6, group A, member 1	ENST00000487099	0,726932499
A_19_P00322573	ENST00000430244	Q9UJ41		ENST00000430244	0,726551828
A_23_P31798	NM_000015	NAT2	N-acetyltransferase 2 (arylamine N-acetyltransferase)	ENST00000286479	0,726491773
A_21_P0002797	ENST00000494887	XLOC_002909		ENST00000494887	0,726448296
A_23_P4850	NM_145233	ZNF625	zinc finger protein 625	ENST00000439556	0,726323744
A_33_P3212909	NM_033400	ZFHX2	zinc finger homeobox 2	ENST00000382785	0,72630212
A_23_P148600	NR_024616	INE1	inactivation escape 1 (non-protein coding)	ENST00000456273	0,725615032
A_21_P0004598	BX647715	XLOC_005299			0,725237054
A_21_P0004978	TCONS_00012029	XLOC_005561			0,72518073
A_23_P128246	NM_007076	FICD	FIC domain containing	ENST00000552695	0,725078278
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,725068763
A_33_P3665553	AK126241	LOC100233156	tektin 4 pseudogene		0,725043325
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,724491874
A_33_P3210904	AK095629	SEC13	SEC13 homolog (S. cerevisiae)	ENST00000397101	0,723589856
A_23_P373927	NM_015051	ERP44	endoplasmic reticulum protein 44	ENST00000262455	0,723473281
A_23_P502470	NM_002184	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000336909	0,723064837
A_23_P104109	NM_012424	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	ENST00000366960	0,722916053
A_33_P3587376	NR_024214	SNAR-A3	small ILF3/NF90-associated RNA A3		0,722677067
A_24_P247902	NM_014510	PCLO	piccolo (presynaptic cytomatrix protein)	ENST00000380195	0,722629869
A_21_P0000333	NR_002978	SNORA46	small nucleolar RNA, H/ACA box 46		0,722444641
A_23_P344281	NM_001010879	ZIK1	zinc finger protein interacting with K protein 1 homolog (m	ENST00000307468	0,722216121
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,721967641
A_33_P3538279	AF130079	PRO2852	uncharacterized protein PRO2852		0,72176133
A_21_P0013746	TCONS_I2_00030111	XLOC_I2_015438			0,721685662
A_23_P346421	NM_018181	ZNF532	zinc finger protein 532	ENST00000336078	0,721544755
A_24_P68019	NM_138347	ZNF551	zinc finger protein 551	ENST00000282296	0,721058531
A_21_P0005566	TCONS_00014160	XLOC_006138			0,720811305

A_21_P0004355	NR_033898	LOC285577	uncharacterized LOC285577	ENST00000505443	0,720740602
A_23_P255076	NM_033411	RWDD2A	RWD domain containing 2A	ENST00000369724	0,720730084
A_23_P404667	NM_001197	BIK	BCL2-interacting killer (apoptosis-inducing)	ENST00000216115	0,720492391
A_33_P3420841	ENST00000402116	EIF3D	eukaryotic translation initiation factor 3, subunit D	ENST00000402116	0,720208038
A_21_P0004174	ENST00000515364	XLOC_004966		ENST00000515364	0,719969034
A_23_P435477	NM_001077263	TMPRSS13	transmembrane protease, serine 13	ENST00000336500	0,719950542
A_33_P3293353	NM_016121	KCTD3	potassium channel tetramerisation domain containing 3	ENST000003366945	0,719910572
A_21_P0010943	ENST00000440803	XLOC_I2_001952		ENST00000440803	0,719513951
A_33_P3355743	NM_018040	GPATCH2	G patch domain containing 2	ENST000003366934	0,719455466
A_33_P3358893	NM_002762	PRM2	protamine 2	ENST00000241808	0,719294147
A_23_P133536	NM_144647	CAPSL	calcyphosine-like	ENST00000513623	0,71882316
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,718610753
A_23_P117602	NM_004131	GZMB	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated	ENST00000554242	0,71843701
A_32_P505133	NM_178830	C19orf47	chromosome 19 open reading frame 47	ENST00000392035	0,718383785
A_24_P247732	NM_021095	SLC5A6	solute carrier family 5 (sodium-dependent vitamin transpor	ENST00000442731	0,718213277
A_21_P0014445	ENST00000500800	SMARCA5-AS1		ENST00000500800	0,718193577
A_21_P0003480	ENST00000510744	XLOC_003988		ENST00000510744	0,717742343
A_23_P114307	NM_002565	P2RY4	pyrimidinergic receptor P2Y, G-protein coupled, 4	ENST00000374519	0,717707027
A_23_P50517	NM_001101419	ZNF541	zinc finger protein 541	ENST00000314121	0,71763763
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,717532273
A_33_P3376806	NM_153714	C10orf67	chromosome 10 open reading frame 67	ENST00000323327	0,717514194
A_21_P0008476	BU568198	XLOC_011103			0,717443751
A_23_P91850	NM_144717	IL20RB	interleukin 20 receptor beta	ENST00000475972	0,717201777
A_23_P104109	NM_012424	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	ENST000003366960	0,717167787
A_21_P0011143	TCONS_I2_0000685:	XLOC_I2_003732			0,717101944
A_24_P627984	NM_014805	EPM2AIP1	EPM2A (laforin) interacting protein 1	ENST00000322716	0,716873776
A_33_P3264379	NR_027049	ZNF788	zinc finger family member 788	ENST00000397759	0,716718452
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,716548231
A_23_P160689	NM_018372	LRIF1	ligand dependent nuclear receptor interacting factor 1	ENST00000485275	0,716466047

A_23_P365738	NM_015193	ARC	activity-regulated cytoskeleton-associated protein	ENST00000356613	0,716425625
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,71640637
A_21_P0009345	AK094767	FLJ37448	uncharacterized LOC400612		0,716183525
A_23_P126584	NM_005894	CD5L	CD5 molecule-like	ENST00000368174	0,716178542
A_33_P3259878	ENST00000545894	DDB1	damage-specific DNA binding protein 1, 127kDa	ENST00000545894	0,71603353
A_33_P3251771	NM_015247	CYLD	cylindromatosis (turban tumor syndrome)	ENST00000311559	0,715904427
A_33_P3325262	NM_005629	SLC6A8	solute carrier family 6 (neurotransmitter transporter, creati	ENST00000359871	0,715903748
A_21_P0008494	TCONS_00022884	XLOC_011138			0,715733456
A_23_P215549	NM_000940	PON3	paraoxonase 3	ENST00000460248	0,715537216
A_24_P935782	NM_001008727	ZNF121	zinc finger protein 121	ENST00000538300	0,715503689
A_23_P128956	NM_021260	ZFYVE1	zinc finger, FYVE domain containing 1	ENST00000556143	0,715294983
A_24_P202329	NR_026899	LOC146880	Rho GTPase activating protein 27 pseudogene	ENST00000400873	0,715010494
A_21_P0013400	ENST00000440208	XLOC_l2_013554		ENST00000440208	0,714848456
A_24_P37887	NM_199243	GPR150	G protein-coupled receptor 150	ENST00000380007	0,714571186
A_23_P376686	NM_019602	BTNL2	butyrophilin-like 2 (MHC class II associated)	ENST00000374993	0,714532657
A_23_P104109	NM_012424	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	ENST00000366960	0,714440365
A_33_P3228757	NM_001144989	ZNF814	zinc finger protein 814	ENST00000376205	0,714204667
A_21_P0005309	ENST00000412800	XLOC_006446		ENST00000412800	0,713978508
A_24_P223384	NM_003513	HIST1H2AB	histone cluster 1, H2ab	ENST00000259791	0,713926475
A_23_P110699	NM_052860	ZNF300	zinc finger protein 300	ENST00000394226	0,713272254
A_33_P3219870	NM_020376	PNPLA2	patatin-like phospholipase domain containing 2	ENST00000529255	0,713056851
A_33_P3243399	ENST00000467901	SLMAP	sarcolemma associated protein	ENST00000467901	0,7129298
A_21_P0001139	AK128720	PKP4	plakophilin 4	ENST00000448344	0,712479228
A_33_P3248325	NM_001184938	EPB41L5	erythrocyte membrane protein band 4.1 like 5	ENST00000331393	0,712469677
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,712219501
A_23_P117851	NM_001030005	CPLX3	complexin 3	ENST00000488000	0,712134751
A_24_P307135	NM_019105	TNXB	tenascin XB	ENST00000383159	0,712099306
A_23_P138805	NM_012124	CHORDC1	cysteine and histidine-rich domain (CHORD) containing 1	ENST00000533724	0,712051006
A_33_P3263417	NR_015431	FLJ43663	uncharacterized LOC378805		0,711948504

A_21_P0000621	NR_034008	LOC100498859	uncharacterized LOC100498859	ENST00000471719	0,711818788
A_33_P3416882	NM_206919	ARL9	ADP-ribosylation factor-like 9	ENST00000360096	0,711782931
A_33_P3265479	ENST00000522974	ZFAT	zinc finger and AT hook domain containing	ENST00000522974	0,711702241
A_23_P24044	NM_017649	CNNM2	cyclin M2	ENST00000433628	0,711640918
A_32_P109522	NM_145062	ZUFSP	zinc finger with UFM1-specific peptidase domain	ENST00000368576	0,711434699
A_33_P3427239	BC035129	LOC100134937	uncharacterized LOC100134937		0,711164577
A_21_P0013963	XM_003118619	LOC100507445	uncharacterized protein LOC100507445		0,711118827
A_33_P3259662	NM_003435	ZNF134	zinc finger protein 134	ENST00000396161	0,709832282
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,709751777
A_21_P0010950	THC2554014	XLOC_I2_002033			0,709440246
A_21_P0010252	TCONS_00029029	XLOC_013950			0,709409551
A_21_P0012903	NM_012141	INTS6	integrator complex subunit 6	ENST00000463928	0,709139912
A_24_P282416	NM_007313	ABL1	c-abl oncogene 1, non-receptor tyrosine kinase	ENST00000393293	0,709045375
A_23_P10206	NM_005328	HAS2	hyaluronan synthase 2	ENST00000303924	0,708987457
A_21_P0008925	TCONS_00024377	XLOC_011701			0,708901818
A_21_P0000281	NR_002737	SNORD59A	small nucleolar RNA, C/D box 59A		0,708716463
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,708673245
A_33_P3308497	NR_026592	BMS1P4	BMS1 pseudogene 4	ENST00000399449	0,708308778
A_21_P0000512	NR_024343	SNAR-I	small ILF3/NF90-associated RNA I		0,708106339
A_21_P0014323	XR_109285	LOC100507092	uncharacterized LOC100507092		0,707969028
A_33_P3288995	ENST00000396653	AP1S3	adaptor-related protein complex 1, sigma 3 subunit	ENST00000396653	0,707832719
A_33_P3865368	BC021569	LOC254896	uncharacterized LOC254896	ENST00000397703	0,707817087
A_21_P0006998	TCONS_00018521	XLOC_008828			0,707677344
A_23_P81248	NM_005642	TAF7	TAF7 RNA polymerase II, TATA box binding protein (TBP)-as	ENST00000313368	0,707623968
A_21_P0010675	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000427210	0,707277922
A_33_P3369419	NM_032292	GON4L	gon-4-like (C. elegans)	ENST00000368327	0,706993296
A_19_P00812257	NR_034128	LOC440900	uncharacterized LOC440900	ENST00000412690	0,70697454
A_33_P3354404	NM_181684	KRTAP12-2	keratin associated protein 12-2	ENST00000539483	0,706926351
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,706564129

A_24_P134319	ENST00000349014	ADNP	activity-dependent neuroprotector homeobox	ENST00000349014	0,706492776
A_33_P3394040	NM_022374	ATL2	atlastin GTPase 2	ENST00000405384	0,706326488
A_32_P424761	ENST00000299350	C12orf28	chromosome 12 open reading frame 28	ENST00000299350	0,706319471
A_33_P3221960	NM_003853	IL18RAP	interleukin 18 receptor accessory protein	ENST00000264260	0,706081546
A_21_P0006030	ENST00000366188	XLOC_007464		ENST00000366188	0,705783738
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,705696384
A_24_P139604	NM_198930	PYHIN1	pyrin and HIN domain family, member 1	ENST00000392254	0,705470518
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,705171773
A_33_P3576853	NR_037857	LOC254128	uncharacterized LOC254128		0,704660297
A_33_P3503937	AK094426	LOC284581	uncharacterized LOC284581		0,704622832
A_33_P3420496	NR_003015	SNORA53	small nucleolar RNA, H/ACA box 53		0,704142322
A_33_P3214432	NM_080660	ZC3HAV1L	zinc finger CCCH-type, antiviral 1-like	ENST00000358573	0,704136094
A_21_P0004765	ENST00000429137	XLOC_005780		ENST00000429137	0,703865122
A_21_P0011986	TCONS_I2_0001506	XLOC_I2_008405			0,703767547
A_33_P3229083	NM_080593	HIST1H2BK	histone cluster 1, H2bk	ENST00000356950	0,703709938
A_21_P0012775	ENST00000509098	XLOC_I2_011114		ENST00000509098	0,703678242
A_19_P00321911	NR_023915	IPW	imprinted in Prader-Willi syndrome (non-protein coding)	ENST00000553149	0,703585101
A_23_P104109	NM_012424	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	ENST00000366960	0,70355694
A_23_P323243	NM_173516	PNLDC1	poly(A)-specific ribonuclease (PARN)-like domain containing	ENST00000275275	0,703248052
A_21_P0012392	TCONS_I2_0001885	XLOC_I2_009884			0,70232751
A_23_P360626	NM_178836	PLD6	phospholipase D family, member 6	ENST00000321560	0,702271188
A_33_P3347099	NR_027084	FLJ36000	uncharacterized FLJ36000		0,702254468
A_23_P68868	NR_002323	TUG1	taurine upregulated 1 (non-protein coding)		0,702218633
A_24_P149713	NM_014007	ZBTB43	zinc finger and BTB domain containing 43	ENST00000373464	0,702148775
A_23_P104109	NM_012424	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	ENST00000366960	0,702092273
A_21_P0000087	NM_001172574	MCPH1	microcephalin 1		0,701825531
A_23_P104109	NM_012424	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	ENST00000366960	0,701582934
A_23_P38723	NM_015295	SMCHD1	structural maintenance of chromosomes flexible hinge dom	ENST00000320876	0,701550609
A_33_P3346669	NM_016341	PLCE1	phospholipase C, epsilon 1	ENST00000371375	0,701535246

A_23_P67312	NM_003437	ZNF136	zinc finger protein 136	ENST00000464860	0,701385683
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,70101154
A_23_P123424	NM_000749	CHRNB3	cholinergic receptor, nicotinic, beta 3	ENST00000289957	0,700892761
A_21_P0007249	THC2674548	XLOC_009233			0,700820977
A_23_P150255	NM_006328	RBM14	RNA binding motif protein 14	ENST00000310137	0,700802778
A_23_P11390	NM_004679	VCY	variable charge, Y-linked	ENST00000250823	0,700720573
A_33_P3304304	ENST00000394478	STAG2	stromal antigen 2	ENST00000394478	0,700562775
A_23_P57007	AF090938	LOC100127886	uncharacterized LOC100127886		0,700477485
A_21_P0003067	TCONS_00006328	XLOC_002945			0,700425007
A_21_P0006620	BC036396	XLOC_008667			0,700359447
A_24_P39211	NM_198219	ING1	inhibitor of growth family, member 1	ENST00000338450	0,700324805
A_21_P0005981	TCONS_00015543	XLOC_007253			0,700163607
A_21_P0013194	NR_039983	LOC729737	uncharacterized LOC729737	ENST00000423728	0,700040819
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,699834418
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,699828276
A_33_P3405897	NM_014798	PLEKHM1	pleckstrin homology domain containing, family M (with RUI	ENST00000397718	0,699568381
A_24_P203000	NM_000878	IL2RB	interleukin 2 receptor, beta	ENST00000216223	0,699495809
A_21_P0010690	TCONS_I2_0000196	XLOC_I2_000037			0,699308088
A_33_P3321275	NM_170606	MLL3	myeloid/lymphoid or mixed-lineage leukemia 3	ENST00000436174	0,699206447
A_33_P3216357	NM_001146702	KDM5C	lysine (K)-specific demethylase 5C	ENST00000349663	0,699176487
A_24_P262127	NM_004165	RRAD	Ras-related associated with diabetes	ENST00000299759	0,699095117
A_21_P0000375	NR_003047	SNORD19	small nucleolar RNA, C/D box 19		0,699040836
A_33_P3330323	NM_001080541	MGA	MAX gene associated	ENST00000219905	0,69895182
A_23_P104109	NM_012424	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	ENST00000366960	0,698675733
A_33_P3386995	NM_015914	TXNDC11	thioredoxin domain containing 11	ENST00000436567	0,698600065
A_33_P3212575	NM_005386	NNAT	neuronatin	ENST00000062104	0,698522295
A_21_P0012942	ENST00000504609	XLOC_I2_011584		ENST00000504609	0,698459553
A_33_P3382595	NR_001445	RN7SK	RNA, 7SK small nuclear	ENST00000421043	0,698420709
A_21_P0003454	ENST00000467484	XLOC_003912		ENST00000467484	0,698314548

A_33_P3261173	NM_005479	FRAT1	frequently rearranged in advanced T-cell lymphomas	ENST00000490980	0,697745026
A_24_P403459	NM_021068	IFNA4	interferon, alpha 4	ENST00000421715	0,697527078
A_33_P3336053	NM_178510	ANKK1	ankyrin repeat and kinase domain containing 1	ENST00000303941	0,697382708
A_33_P3210880	ENST00000355691	ATP7A	ATPase, Cu ⁺⁺ transporting, alpha polypeptide	ENST00000355691	0,697036615
A_33_P3416420	NM_145062	ZUFSP	zinc finger with UFM1-specific peptidase domain	ENST00000368573	0,696939056
A_24_P14731	NM_013271	PCSK1N	proprotein convertase subtilisin/kexin type 1 inhibitor	ENST00000218230	0,696895711
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,696844916
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,696725604
A_23_P146783	NM_004543	NEB	nebulin	ENST00000509223	0,696529855
A_21_P0004871	THC2553854	XLOC_005244			0,696518838
A_21_P0014006	XM_003403443	LOC100509263	uncharacterized LOC100509263		0,696402936
A_32_P140706	NM_000535	PMS2	PMS2 postmeiotic segregation increased 2 (<i>S. cerevisiae</i>)	ENST00000338780	0,69622528
A_24_P7202	NM_020738	KIDINS220	kinase D-interacting substrate, 220kDa	ENST00000319688	0,696175941
A_21_P0001656	TCONS_00001909	XLOC_000008			0,696138908
A_23_P143016	NM_212481	ARID5A	AT rich interactive domain 5A (MRF1-like)	ENST00000412735	0,696091162
A_21_P0007370	TCONS_00019700	XLOC_009498			0,696039324
A_33_P3217490	NR_038388	LOC729444	uncharacterized LOC729444	ENST00000415704	0,695773931
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,695304616
A_23_P319423	NM_003740	KCNK5	potassium channel, subfamily K, member 5	ENST00000359534	0,695095771
A_33_P3322230	AK056507	FLJ31945	uncharacterized LOC440137		0,694944827
A_33_P3283828	NM_001143980	CCDC154	coiled-coil domain containing 154	ENST00000389176	0,69487185
A_21_P0005917	XR_133508	LOC100507316	uncharacterized LOC100507316	ENST00000517411	0,694777829
A_23_P104109	NM_012424	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	ENST00000366960	0,694765771
A_33_P3391455	NM_001160161	SCN5A	sodium channel, voltage-gated, type V, alpha subunit	ENST00000399254	0,694503057
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,694082419
A_21_P0003018	BC035247	XLOC_002779			0,693860279
A_23_P58009	NM_024616	C3orf52	chromosome 3 open reading frame 52	ENST00000264848	0,693849191
A_23_P104109	NM_012424	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	ENST00000366960	0,693810704
A_24_P264664	NM_001271	CHD2	chromodomain helicase DNA binding protein 2	ENST00000394196	0,693694385

A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,693672084
A_24_P177568	NM_133473	ZNF431	zinc finger protein 431	ENST00000311048	0,693614728
A_21_P0000364	NR_003029	SNORD9	small nucleolar RNA, C/D box 9		0,693580096
A_32_P427222	ENST00000487979	HEATR7B1	HEAT repeat containing 7B1	ENST00000487979	0,693458136
A_23_P32404	NM_002201	ISG20	interferon stimulated exonuclease gene 20kDa	ENST00000546338	0,692802176
A_33_P3270509	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,692670967
A_33_P3283626	AK289844	RNPC3	RNA-binding region (RNP1, RRM) containing 3	ENST00000524631	0,692588055
A_21_P0004875	TCONS_00011790	XLOC_005264			0,692397613
A_21_P0005280	TCONS_00013117	XLOC_006335			0,691799256
A_21_P0014532	XR_110225	LOC100287415			0,691775031
A_23_P217899	NM_030937	CCNL2	cyclin L2	ENST00000480479	0,691434922
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,691129313
A_33_P3342345	XR_109229	LOC400464	uncharacterized LOC400464		0,690958358
A_33_P3414267	NM_001052	SSTR4	somatostatin receptor 4	ENST00000255008	0,690824776
A_33_P3347040	NM_001242901	LOC100131094	uncharacterized LOC100131094	ENST00000381796	0,690783984
A_23_P19134	NM_032119	GPR98	G protein-coupled receptor 98	ENST00000296619	0,690699495
A_23_P30634	NM_021813	BACH2	BTB and CNC homology 1, basic leucine zipper transcription	ENST00000257749	0,690311655
A_33_P3378384	NR_003260	DNM1P46	DNM1 pseudogene 46	ENST00000341853	0,690272241
A_33_P3407742	NM_001033556	PPM1B	protein phosphatase, Mg2+/Mn2+ dependent, 1B	ENST00000409895	0,689608832
A_32_P69849	NM_001012978	BEX5	brain expressed, X-linked 5	ENST00000333643	0,68903075
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,688971427
A_32_P112623	XM_001720463	FAM27E3	family with sequence similarity 27, member E3		0,688746854
A_21_P0007597	TCONS_00020499	XLOC_009820			0,68840672
A_21_P0011737	TCONS_I2_0001300	XLOC_I2_006996			0,688353797
A_21_P0005389	THC2730801	XLOC_006123			0,688310176
A_23_P104109	NM_012424	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	ENST00000366960	0,688270044
A_21_P0010936	ENST00000414939	XLOC_I2_001875		ENST00000414939	0,68816156
A_23_P18276	NM_005778	RBM5	RNA binding motif protein 5	ENST00000536082	0,687705844
A_33_P3338634	NM_001146261	SYT14	synaptotagmin XIV	ENST00000367019	0,687609502

A_33_P3409245	XR_110199	LOC401286	uncharacterized LOC401286		0,687413874
A_32_P180210	NM_019054	FAM35A	family with sequence similarity 35, member A	ENST00000497389	0,687217511
A_21_P0011742	AK090827	LOC100506930	uncharacterized LOC100506930		0,686867296
A_33_P3331726	NR_027451	LOC647979	uncharacterized LOC647979		0,686848824
A_33_P3666346	NM_015446	AHCTF1	AT hook containing transcription factor 1	ENST00000435109	0,686682748
A_21_P0000379	NR_003056	SNORD67	small nucleolar RNA, C/D box 67		0,686624382
A_32_P214284	XM_003119920	LOC100129516	uncharacterized LOC100129516		0,686555695
A_21_P0011037	THC2553586	XLOC_I2_002886			0,686479849
A_19_P00323028	ENST00000553134	XLOC_011183		ENST00000553134	0,686478362
A_32_P99100	NM_002844	PTPRK	protein tyrosine phosphatase, receptor type, K	ENST00000368227	0,686340745
A_23_P85218	NM_005634	SOX3	SRY (sex determining region Y)-box 3	ENST00000370536	0,686253576
A_21_P0011695	NR_038279	LOC100506930	uncharacterized LOC100506930	ENST00000412740	0,686005097
A_33_P3221341	NM_173497	HECTD2	HECT domain containing 2	ENST00000371681	0,685931741
A_19_P00320708	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000434399	0,685791569
A_21_P0012007	ENST00000455541	XLOC_I2_007371		ENST00000455541	0,685758746
A_21_P0011259	CR620068	XLOC_I2_004317			0,685522852
A_21_P0000383	NR_003065	SNORD84	small nucleolar RNA, C/D box 84	ENST00000467175	0,685371378
A_19_P00807748	THC2564014	Q8RQM5			0,685160647
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,685114872
A_23_P68155	NM_022168	IFIH1	interferon induced with helicase C domain 1	ENST00000543192	0,684733564
A_33_P3348011	NR_002936	TOB2P1	transducer of ERBB2, 2 pseudogene 1		0,684149357
A_21_P0000599	NM_013446	MKRN1	makorin ring finger protein 1	ENST00000437223	0,683986786
A_24_P203103	NM_002351	SH2D1A	SH2 domain containing 1A	ENST00000371139	0,683879884
A_21_P0004642	NR_026791	HCG27	HLA complex group 27 (non-protein coding)	ENST00000416551	0,683816128
A_21_P0010723	ENST00000417260	XLOC_I2_000401		ENST00000417260	0,683719231
A_24_P941787	NM_003913	PRPF4B	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	ENST00000480058	0,683682712
A_21_P0000839	NR_038923	LOC254100	uncharacterized LOC254100		0,683573569
A_21_P0001267	ENST00000475078	C1orf144	chromosome 1 open reading frame 144	ENST00000475078	0,683409194
A_21_P0011393	ENST00000507787	XLOC_I2_004594		ENST00000507787	0,68333679

A_23_P157117	NM_182898	CREB5	cAMP responsive element binding protein 5	ENST00000409603	0,68325495
A_23_P32217	NM_005802	TOPORS	topoisomerase I binding, arginine/serine-rich, E3 ubiquitin p	ENST00000379858	0,683195278
A_24_P923945	ENST00000375218	UBR4	ubiquitin protein ligase E3 component n-recognin 4	ENST00000375218	0,682972123
A_21_P0011770	BC041478	XLOC_I2_006718			0,682830135
A_33_P3390743	ENST00000494913	COL20A1	collagen, type XX, alpha 1	ENST00000494913	0,682742528
A_23_P117851	NM_001030005	CPLX3	complexin 3	ENST00000488000	0,682738259
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,68235695
A_33_P3242829	ENST00000316005	PKN2	protein kinase N2	ENST00000316005	0,682295995
A_33_P3275412	AK127688	C1orf138	chromosome 1 open reading frame 138		0,682291369
A_33_P3238032	NM_001042784	CCDC158	coiled-coil domain containing 158	ENST00000318586	0,681685558
A_23_P346900	NM_001005505	CACNA2D2	calcium channel, voltage-dependent, alpha 2/delta subunit	ENST00000424201	0,681508524
A_33_P3382538	NM_003772	JRKL	jerky homolog-like (mouse)	ENST00000332349	0,681430289
A_33_P3304688	AF463496	TNAP	TRAFs and NIK-associated protein		0,681319732
A_23_P145024	NM_000024	ADRB2	adrenergic, beta-2-, receptor, surface	ENST00000305988	0,680857541
A_19_P00322002	NR_015431	FLJ43663	uncharacterized LOC378805		0,680660368
A_23_P20732	NM_012204	GTF3C4	general transcription factor IIIC, polypeptide 4, 90kDa	ENST00000372146	0,680578321
A_33_P3291891	XM_003403452	LOC100292905	uncharacterized LOC100292905		0,680497346
A_21_P0004525	AK055381	XLOC_004517			0,680474394
A_21_P0000274	NR_002591	SNORD95	small nucleolar RNA, C/D box 95	ENST00000503170	0,680464898
A_24_P182122	ENST00000361390	ND1	NADH dehydrogenase, subunit 1 (complex I)	ENST00000361390	0,680360925
A_21_P0000030	NM_001161533	RBM34	RNA binding motif protein 34	ENST00000476261	0,680299034
A_23_P119196	NM_016270	KLF2	Kruppel-like factor 2 (lung)	ENST00000248071	0,679831452
A_33_P3224307	NR_003010	SCARNA12	small Cajal body-specific RNA 12	ENST00000537646	0,679816424
A_24_P364838	NM_004785	SLC9A3R2	solute carrier family 9 (sodium/hydrogen exchanger), mem1	ENST00000424542	0,679762146
A_21_P0014791	XR_132586	LOC100652804	uncharacterized LOC100652804		0,679600134
A_23_P11070	NM_032553	GPR174	G protein-coupled receptor 174	ENST00000276077	0,67915319
A_32_P155826	NR_026742	LOC158572	uncharacterized LOC158572		0,679121642
A_33_P3253069	ENST00000368053	MED23	mediator complex subunit 23	ENST00000368053	0,678675569
A_24_P324814	NM_138363	CEP95	centrosomal protein 95kDa	ENST00000556440	0,678640622

A_33_P3318861	NM_001093730	DYTN	dystrotelin	ENST00000452335	0,678638374
A_33_P3236748	XR_111551	UNQ9370	IFMQ9370	ENST00000556630	0,678542758
A_23_P47077	NM_004281	BAG3	BCL2-associated athanogene 3	ENST00000369085	0,678481975
A_23_P147439	NM_148416	ATXN2L	ataxin 2-like	ENST00000359153	0,678231736
A_19_P00315693	NR_002323	TUG1			0,677997861
A_33_P3342628	NM_021170	HES4	hairy and enhancer of split 4 (Drosophila)	ENST00000304952	0,677932786
A_33_P3304533	ENST00000466994	RNF207	ring finger protein 207	ENST00000466994	0,677867652
A_24_P193093	NM_007360	KLRK1	killer cell lectin-like receptor subfamily K, member 1	ENST00000396451	0,677824994
A_23_P137238	NM_004653	KDM5D	lysine (K)-specific demethylase 5D	ENST00000492117	0,677678336
A_33_P3411307	AK128269	LOC100130276	uncharacterized LOC100130276		0,677485522
A_33_P3368800	NM_017940	NBPF1	neuroblastoma breakpoint family, member 1	ENST00000429672	0,677419831
A_33_P3233135	NM_001199866	KIF16B	kinesin family member 16B	ENST00000408042	0,677265457
A_21_P0006393	TCONS_00016868	XLOC_007850			0,677234511
A_21_P0006942	TCONS_00018397	XLOC_008679			0,676989181
A_23_P42935	NM_004333	BRAF	v-raf murine sarcoma viral oncogene homolog B1	ENST00000497784	0,676891519
A_21_P0004308	TCONS_00010118	XLOC_004584			0,676423301
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,676383233
A_23_P1102	NM_001100	ACTA1	actin, alpha 1, skeletal muscle	ENST00000366682	0,676202786
A_23_P307400	NM_138363	CEP95	centrosomal protein 95kDa	ENST00000556440	0,676155297
A_24_P337058	NM_020307	CCNL1	cyclin L1	ENST00000468977	0,675977015
A_33_P3375541	NM_000732	CD3D	CD3d molecule, delta (CD3-TCR complex)	ENST00000300692	0,675957474
A_23_P115161	NM_002036	DARC	Duffy blood group, chemokine receptor	ENST00000435307	0,675871764
A_33_P3349883	ENST00000366583	LGALS8	lectin, galactoside-binding, soluble, 8	ENST00000366583	0,675522574
A_21_P0003691	TCONS_00008360	XLOC_003810			0,675442006
A_23_P110699	NM_052860	ZNF300	zinc finger protein 300	ENST00000394226	0,675419647
A_23_P63432	NM_017821	RHBDL2	rhomboid, veinlet-like 2 (Drosophila)	ENST00000372985	0,675289139
A_23_P325661	NM_003435	ZNF134	zinc finger protein 134	ENST00000396161	0,67494771
A_24_P341923	NM_020964	EPG5	ectopic P-granules autophagy protein 5 homolog (C. elegan.	ENST00000308403	0,674887299
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,674537539

A_21_P0014778	XR_132555	LOC100507516	uncharacterized LOC100507516		0,674506344
A_33_P3357049	NR_026768	RPS15AP10	ribosomal protein S15a pseudogene 10		0,674339085
A_21_P0011625	NR_027418	LOC100499466	uncharacterized LOC100499466		0,674316705
A_33_P3310189	NM_000684	ADRB1	adrenergic, beta-1-, receptor	ENST00000369295	0,674215978
A_23_P30554	NM_001034837	KCNIP1	Kv channel interacting protein 1	ENST00000520740	0,673808455
A_24_P3783	NM_003521	HIST1H2BM	histone cluster 1, H2bm	ENST00000359465	0,673707802
A_21_P0004527	TCONS_00010790	XLOC_004554			0,67364687
A_33_P3376821	NM_006144	GZMA	granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated	ENST00000274306	0,673558139
A_33_P3340294	NM_053043	RBM33	RNA binding motif protein 33	ENST00000401878	0,673551891
A_23_P325625	NM_173690	SCAI	suppressor of cancer cell invasion	ENST00000467917	0,673382147
A_21_P0000387	NR_003071	SNORD90	small nucleolar RNA, C/D box 90		0,673355488
A_33_P3459365	NR_034007	LOC339894	uncharacterized LOC339894	ENST00000471357	0,673238398
A_23_P42935	NM_004333	BRAF	v-raf murine sarcoma viral oncogene homolog B1	ENST00000497784	0,673063791
A_23_P30799	NM_021018	HIST1H3F	histone cluster 1, H3f	ENST00000446824	0,672796569
A_23_P42935	NM_004333	BRAF	v-raf murine sarcoma viral oncogene homolog B1	ENST00000497784	0,672783327
A_21_P0013235	TCONS_I2_0002597	XLOC_I2_013462			0,67274874
A_23_P256391	NM_002078	GOLGA4	golgin A4	ENST00000361924	0,672572604
A_23_P26386	NM_016140	TPPP3	tubulin polymerization-promoting protein family member 3	ENST00000290942	0,672542652
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,672461149
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,672371584
A_21_P0005979	ENST00000521804	SLC45A4	solute carrier family 45, member 4	ENST00000521804	0,672090058
A_23_P316085	NR_045180	SPG20OS	SPG20 opposite strand	ENST00000493739	0,671925838
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,671854263
A_33_P3292337	NM_004521	KIF5B	kinesin family member 5B	ENST00000302418	0,671670813
A_23_P110699	NM_052860	ZNF300	zinc finger protein 300	ENST00000394226	0,671656595
A_23_P55376	NM_015443	KIAA1267	KIAA1267	ENST00000262419	0,671496999
A_21_P0014277	ENST00000553105	LOC100506606		ENST00000553105	0,671471226
A_24_P928473	AK092832	LOC728543	uncharacterized LOC728543		0,671231375
A_21_P0000314	NR_002958	SNORA17	small nucleolar RNA, H/ACA box 17	ENST00000447221	0,671212053

A_21_P0013856	THC2516011	XLOC_I2_015641			0,671101507
A_33_P3247540	NR_027420	LOC389834	ankyrin repeat domain 57 pseudogene		0,670969952
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,670915729
A_21_P0011811	NR_015424	ANKRD36BP2	ankyrin repeat domain 36B pseudogene 2		0,67085315
A_21_P0013397	ENST00000425880	XLOC_I2_013529		ENST00000425880	0,670528088
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,670498572
A_33_P3383184	ENST00000394967	SP9	Sp9 transcription factor homolog (mouse)	ENST00000394967	0,670455497
A_23_P42935	NM_004333	BRAF	v-raf murine sarcoma viral oncogene homolog B1	ENST00000497784	0,670364402
A_33_P3343976	NR_026751	ZNRD1-AS1	ZNRD1 antisense RNA 1 (non-protein coding)	ENST00000427107	0,670353799
A_23_P99604	NM_017769	G2E3	G2/M-phase specific E3 ubiquitin protein ligase	ENST00000549159	0,670312971
A_23_P132915	NM_138389	FAM114A1	family with sequence similarity 114, member A1	ENST00000508737	0,669749831
A_23_P119196	NM_016270	KLF2	Kruppel-like factor 2 (lung)	ENST00000248071	0,669367149
A_23_P45999	NM_012168	FBXO2	F-box protein 2	ENST00000354287	0,669295029
A_24_P413669	NM_001018053	PFKFB2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	ENST00000367079	0,669170194
A_23_P254573	NM_014377	DNAJC2	DnaJ (Hsp40) homolog, subfamily C, member 2	ENST00000464253	0,669027507
A_21_P0004500	TCONS_00010663	XLOC_004339			0,668755563
A_23_P339053	BC027604	C16orf52	chromosome 16 open reading frame 52		0,66870645
A_21_P0014925	DA569430	LOC100505857			0,668685319
A_24_P307827	NM_001080435	WHAMM	WAS protein homolog associated with actin, golgi membrar	ENST00000286760	0,668591617
A_21_P0014061	ENST00000445098	NCRNA00083		ENST00000445098	0,668479258
A_21_P0014358	XR_109439	LOC100507520	uncharacterized LOC100507520		0,66844412
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,668211757
A_24_P324368	NM_032364	DNAJC14	DnaJ (Hsp40) homolog, subfamily C, member 14	ENST00000317287	0,667899568
A_21_P0004680	ENST00000415883	XLOC_005437		ENST00000415883	0,667761792
A_33_P3400152	NR_038444	LOC728558	uncharacterized LOC728558	ENST00000414006	0,667755757
A_24_P315500	NR_024567	LOC100130557	uncharacterized LOC100130557		0,667662265
A_33_P3287685	NM_014516	CNOT3	CCR4-NOT transcription complex, subunit 3	ENST00000482247	0,667549492
A_33_P3318237	NM_006244	PPP2R5B	protein phosphatase 2, regulatory subunit B', beta	ENST00000359279	0,667438376
A_23_P42935	NM_004333	BRAF	v-raf murine sarcoma viral oncogene homolog B1	ENST00000497784	0,667257796

A_21_P0004902	ENST00000452402	XLOC_005365		ENST00000452402	0,667232562
A_32_P173298	NM_012426	SF3B3	splicing factor 3b, subunit 3, 130kDa	ENST00000310750	0,666929079
A_21_P0012219	TCONS_I2_0001742	XLOC_I2_009136			0,66665888
A_33_P3209511	ENST00000402268	HAAO	3-hydroxyanthranilate 3,4-dioxygenase	ENST00000402268	0,666489003
A_33_P3391796	NM_005450	NOG	noggin	ENST00000332822	0,666467682
A_21_P0002398	TCONS_00004131	XLOC_001974			0,666454205
A_21_P0000157	NM_001204818	LOC100293516	zinc finger protein		0,66635695
A_21_P0000344	NM_001007074	RPL32	ribosomal protein L32	ENST00000396953	0,666332023
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,665960994
A_33_P3346292	ENST00000379225	UBAP2	ubiquitin associated protein 2	ENST00000379225	0,665907066
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,665861486
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,665615458
A_21_P0012115	TCONS_I2_0001622	XLOC_I2_008599			0,665471329
A_21_P0003630	THC2706940	XLOC_003613			0,665404116
A_33_P3216994	NM_015601	HERC4	hect domain and RLD 4	ENST00000395185	0,665347538
A_19_P00322938	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000434399	0,665207312
A_23_P157416	NM_032164	ZNF394	zinc finger protein 394	ENST00000337673	0,665200431
A_21_P0011582	BE079260	XLOC_I2_006033			0,664959162
A_33_P3234457	ENST00000542061	FBRSL1	fibrosin-like 1	ENST00000542061	0,664351056
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	0,664087975
A_21_P0012149	ENST00000417630	XLOC_I2_008639		ENST00000417630	0,663967549
A_23_P428298	NM_173561	UNC5CL	unc-5 homolog C (C. elegans)-like	ENST00000244565	0,663717414
A_21_P0000086	NM_001172557	GOLGA3	golgin A3	ENST00000545875	0,66366936
A_23_P106737	NM_201412	LUC7L	LUC7-like (S. cerevisiae)	ENST00000418978	0,663642377
A_23_P106737	NM_201412	LUC7L	LUC7-like (S. cerevisiae)	ENST00000418978	0,663064439
A_23_P79978	NM_020689	SLC24A3	solute carrier family 24 (sodium/potassium/calcium exchan	ENST00000328041	0,662802922
A_24_P16214	AK090827	LOC100506930	uncharacterized LOC100506930		0,662696127
A_21_P0009964	XR_109619	LOC100506053	uncharacterized LOC100506053		0,662403486
A_23_P113462	NM_017641	KIF21A	kinesin family member 21A	ENST00000395670	0,662282587

A_21_P0010876	ENST00000532854	XLOC_I2_001971		ENST00000532854	0,662257126
A_33_P3293114	NM_001190987	SRSF11	serine/arginine-rich splicing factor 11	ENST00000395136	0,662186113
A_33_P3320079	NM_005596	NFIB	nuclear factor I/B	ENST00000380924	0,661903618
A_21_P0005289	ENST00000412197	XLOC_006380		ENST00000412197	0,66189224
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,661827166
A_23_P42935	NM_004333	BRAF	v-raf murine sarcoma viral oncogene homolog B1	ENST00000497784	0,661794375
A_23_P87011	NM_001001522	TAGLN	transgelin	ENST00000392951	0,661780195
A_21_P0014243	ENST00000438380	LOC100505607		ENST00000438380	0,661778224
A_19_P00322109	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000426529	0,661721501
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,661699691
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,661587214
A_23_P40078	NM_003400	XPO1	exportin 1 (CRM1 homolog, yeast)	ENST00000406957	0,661573326
A_33_P3296289	XR_132508	LOC100128508	PP12100		0,661516156
A_23_P164927	NM_012451	SYNGR4	synaptogyrin 4	ENST00000344846	0,661502062
A_21_P0011020	AK126420	XLOC_I2_002790			0,661403272
A_21_P0004993	THC2497134	XLOC_005587			0,661334553
A_23_P333138	NM_015026	MON2	MON2 homolog (<i>S. cerevisiae</i>)	ENST00000393630	0,661064306
A_21_P0014889	ENST00000533434	LOC100507431		ENST00000533434	0,661047626
A_24_P189739	NM_030640	DUSP16	dual specificity phosphatase 16	ENST00000228862	0,6608979
A_23_P322	NM_182690	EFNA4	ephrin-A4	ENST00000359751	0,66055018
A_21_P0009519	TCONS_00026399	XLOC_012750			0,66051331
A_21_P0000074	NM_001168394	C5orf41	chromosome 5 open reading frame 41	ENST00000522692	0,660269354
A_21_P0005767	TCONS_00014866	XLOC_006935			0,660201617
A_33_P3332997	ENST00000557418	FOXA1	forkhead box A1	ENST00000557418	0,659642925
A_33_P3307008	NM_001146197	CCDC168	coiled-coil domain containing 168	ENST00000322527	0,659492382
A_33_P3314356	ENST00000315194	PPM1K	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1K	ENST00000315194	0,659446459
A_24_P694820	XR_132741	LOC100652917	uncharacterized LOC100652917		0,65920223
A_23_P89062	NR_024034	KIAA0664L3	KIAA0664-like 3		0,659194417
A_23_P60472	NM_018449	UBAP2	ubiquitin associated protein 2	ENST00000379235	0,659014186

A_23_P140029	NM_007106	UBL3	ubiquitin-like 3	ENST00000380680	0,658847613
A_24_P106839	NM_023034	WHSC1L1	Wolf-Hirschhorn syndrome candidate 1-like 1	ENST00000528828	0,658823306
A_21_P0011826	TCONS_I2_0001384;XLOC_I2_007449				0,658695363
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,658443874
A_23_P90743	NM_002909	REG1A	regenerating islet-derived 1 alpha	ENST00000233735	0,658422913
A_33_P3243394	ENST00000383718	SLMAP	sarcolemma associated protein	ENST00000383718	0,658325672
A_21_P0001050	ENST00000417262	XLOC_000527		ENST00000417262	0,658290623
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,658145526
A_21_P0000496	NR_004395	SNORD1A	small nucleolar RNA, C/D box 1A		0,658121196
A_23_P113462	NM_017641	KIF21A	kinesin family member 21A	ENST00000395670	0,658121003
A_23_P103837	NM_001127320	UBAP2L	ubiquitin associated protein 2-like	ENST00000475373	0,658109483
A_21_P0001906	THC2677671	XLOC_001632			0,658058831
A_23_P42935	NM_004333	BRAF	v-raf murine sarcoma viral oncogene homolog B1	ENST00000497784	0,658054659
A_23_P59714	NR_026902	MGC16142	uncharacterized protein MGC16142		0,657819974
A_21_P0003604	TCONS_00008057	XLOC_003522			0,657368732
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,657166517
A_21_P0000122	NM_001195081	LOC100288814	uncharacterized protein LOC100288814		0,656956413
A_33_P3294951	NM_001097643	TAS2R30	taste receptor, type 2, member 30	ENST00000539585	0,656905333
A_33_P3276693	NM_002632	PGF	placental growth factor	ENST00000555567	0,656828414
A_23_P46470	NM_018948	ERRF1	ERBB receptor feedback inhibitor 1	ENST00000377482	0,656755264
A_24_P113221	NM_006965	ZNF24	zinc finger protein 24	ENST00000399061	0,656477782
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,656242113
A_33_P3332937	BX648740	MIPEPP3	mitochondrial intermediate peptidase pseudogene 3		0,656215445
A_23_P434347	NM_147152	ITSN2	intersectin 2	ENST00000445614	0,656062193
A_21_P0005047	TCONS_00012236	XLOC_005793			0,656046899
A_23_P65089	NM_016355	DDX47	DEAD (Asp-Glu-Ala-Asp) box polypeptide 47	ENST00000534843	0,656023764
A_23_P371215	NM_012092	ICOS	inducible T-cell co-stimulator	ENST00000316386	0,655846566
A_33_P3324454	NM_000391	TPP1	tripeptidyl peptidase I	ENST00000453338	0,655581123
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,655489407

A_33_P3214925	ENST00000477990	MIB2	mindbomb homolog 2 (Drosophila)	ENST00000477990	0,65542765
A_33_P3397150	NM_001190467	FLJ22184	putative uncharacterized protein FLJ22184	ENST00000327607	0,65532394
A_32_P22622	NM_003703	NOP14	NOP14 nucleolar protein homolog (yeast)	ENST00000546137	0,655254829
A_33_P3229241	NM_001024599	HIST2H2BF	histone cluster 2, H2bf		0,655222738
A_23_P255896	NM_001080824	C2orf89	chromosome 2 open reading frame 89	ENST00000335459	0,655170006
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,654883748
A_24_P230948	NM_016831	PER3	period homolog 3 (Drosophila)	ENST00000377541	0,65475932
A_21_P0000221	NR_000021	SNORD32A	small nucleolar RNA, C/D box 32A	ENST00000486930	0,654557919
A_21_P0013893	TCONS_I2_0003092	XLOC_I2_015938			0,654542348
A_23_P85269	NM_133378	TTN	titin	ENST00000356127	0,654368271
A_33_P3302423	NM_001142640	TNRC6C	trinucleotide repeat containing 6C	ENST00000335749	0,654329136
A_23_P103837	NM_001127320	UBAP2L	ubiquitin associated protein 2-like	ENST00000475373	0,654317655
A_21_P0011611	NM_173628	DNAH17	dynein, axonemal, heavy chain 17	ENST00000389840	0,654038891
A_33_P3242383	ENST00000504956	AFF1	AF4/FMR2 family, member 1	ENST00000504956	0,653677736
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,653599394
A_33_P3271445	NM_001130105	COL4A3BP	collagen, type IV, alpha 3 (Goodpasture antigen) binding pr	ENST00000357457	0,653525488
A_21_P0008482	NR_015430	C14orf64	chromosome 14 open reading frame 64	ENST00000499006	0,653386306
A_21_P0010774	THC2542300	XLOC_I2_001091			0,653372618
A_21_P0010859	ENST00000414939	XLOC_I2_001875		ENST00000414939	0,653228141
A_21_P0011407	NR_003521	WHAMMP3	WAS protein homolog associated with actin, golgi membranes and microtubules p		0,652993216
A_33_P3270218	ENST00000404008	USP42	ubiquitin specific peptidase 42	ENST00000404008	0,652650914
A_33_P3290296	AK125829	LOC100130175	uncharacterized LOC100130175		0,652498995
A_33_P3318946	NM_021817	HAPLN2	hyaluronan and proteoglycan link protein 2	ENST00000255039	0,652183162
A_21_P0007203	TCONS_00019285	XLOC_009118			0,65186496
A_33_P3405429	ENST00000473325	VWA5B1	von Willebrand factor A domain containing 5B1	ENST00000473325	0,651850636
A_24_P922631	NM_001102609	C5orf58	chromosome 5 open reading frame 58	ENST00000521850	0,651790358
A_19_P00317449	NM_178549	ZNF678			0,651669687
A_24_P136551	ENST00000374747	NPLOC4	nuclear protein localization 4 homolog (<i>S. cerevisiae</i>)	ENST00000374747	0,651639291
A_33_P3847514	NM_001145652	C6orf141	chromosome 6 open reading frame 141	ENST00000415078	0,651519674

A_33_P3290085	NM_032164	ZNF394	zinc finger protein 394	ENST00000337673	0,651408191
A_23_P112412	NM_017746	TEX10	testis expressed 10	ENST00000444730	0,651164769
A_23_P408232	NR_024396	MGC23270	uncharacterized LOC196872	ENST00000555578	0,651022935
A_21_P0010322	TCONS_00029300	XLOC_014097			0,651016825
A_23_P316582	NM_152355	ZNF441	zinc finger protein 441	ENST00000454339	0,65044139
A_33_P3805085	NM_133372	FNIP1	folliculin interacting protein 1	ENST00000544351	0,650387373
A_33_P3391521	ENST00000366589	ERO1LB	ERO1-like beta (<i>S. cerevisiae</i>)	ENST00000366589	0,650150637
A_33_P3272808	NM_017952	PTCD3	Pentatricopeptide repeat domain 3	ENST00000254630	0,65013255
A_21_P0005891	TCONS_00015146	XLOC_007189			0,650129585
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,649884962
A_24_P144881	NM_005977	RNF6	ring finger protein (C3H2C3 type) 6	ENST00000476347	0,649754229
A_24_P7157	NM_020734	RIMKLB	ribosomal modification protein rimK-like family member B	ENST00000299673	0,649445585
A_21_P0006767	ENST00000451946	XLOC_008838		ENST00000451946	0,649438288
A_24_P45476	NM_002995	XCL1	chemokine (C motif) ligand 1	ENST00000367818	0,649409734
A_21_P0000260	NR_002571	SNORD58A	small nucleolar RNA, C/D box 58A		0,649374452
A_23_P110882	NM_021648	TSPYL4	TSPY-like 4	ENST00000420283	0,649085184
A_23_P119196	NM_016270	KLF2	Kruppel-like factor 2 (lung)	ENST00000248071	0,649020752
A_23_P113462	NM_017641	KIF21A	kinesin family member 21A	ENST00000395670	0,648666998
A_23_P301896	NM_015866	PRDM2	PR domain containing 2, with ZNF domain	ENST00000343137	0,648591982
A_23_P354894	NM_152603	ZNF567	zinc finger protein 567	ENST00000360729	0,648004252
A_33_P3234593	ENST00000401491	BRD7	bromodomain containing 7	ENST00000401491	0,647986497
A_33_P3372069	NM_182971	COX8C	cytochrome c oxidase subunit VIIIc	ENST00000342144	0,647868568
A_23_P379789	NM_013305	ST8SIA5	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase	ENST00000315087	0,647627557
A_23_P103837	NM_001127320	UBAP2L	ubiquitin associated protein 2-like	ENST00000475373	0,647401327
A_33_P3377304	NM_001198531	TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)	ENST00000346198	0,647366546
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,647118541
A_23_P129659	NM_138447	ZNF689	zinc finger protein 689	ENST00000443190	0,646925944
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,646726411
A_23_P407565	NM_001337	CX3CR1	chemokine (C-X3-C motif) receptor 1	ENST00000541347	0,646724621

A_33_P3242508	NM_199450	ZNF365	zinc finger protein 365	ENST00000395255	0,646644931
A_21_P0013047	NR_040022	LOC100289495	uncharacterized LOC100289495		0,646583728
A_33_P3842770	BC022881	LOC644450	uncharacterized LOC644450		0,646583717
A_23_P501080	NM_007139	ZNF92	zinc finger protein 92	ENST00000450302	0,646547592
A_21_P0006484	TCONS_00017146	XLOC_007938			0,646518393
A_23_P167789	NM_016605	FAM53C	family with sequence similarity 53, member C	ENST00000239906	0,646509664
A_21_P0013734	ENST00000428958	XLOC_I2_015288		ENST00000428958	0,646417416
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,646342863
A_33_P3215906	NM_001039703	NBPF10	neuroblastoma breakpoint family, member 10	ENST00000414710	0,646269127
A_23_P420334	NM_152595	PGBD4	piggyBac transposable element derived 4	ENST00000397766	0,646139246
A_23_P206612	NM_020718	USP31	ubiquitin specific peptidase 31	ENST00000381162	0,646130141
A_21_P0014420	XR_109701	LOC100506503	uncharacterized LOC100506503		0,645828265
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,64577162
A_33_P3308626	NM_014940	MON1B	MON1 homolog B (yeast)	ENST00000320859	0,645759336
A_21_P0009674	ENST00000426213	XLOC_013405		ENST00000426213	0,645642864
A_21_P0002315	TCONS_00003936	XLOC_001749			0,64538625
A_21_P0008290	NR_038970	LOC283624	uncharacterized LOC283624	ENST00000555688	0,645136814
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,645086876
A_33_P3230350	NM_001098507	ZNF207	zinc finger protein 207	ENST00000394673	0,644981798
A_33_P3308481	NR_002768	HYMAI	hydatidiform mole associated and imprinted (non-protein coding)		0,644968283
A_23_P152583	NM_001042573	ENGASE	endo-beta-N-acetylglucosaminidase	ENST00000300682	0,6448545
A_23_P42935	NM_004333	BRAF	v-raf murine sarcoma viral oncogene homolog B1	ENST00000497784	0,644706973
A_23_P205789	NM_002041	GABPB1	GA binding protein transcription factor, beta subunit 1	ENST00000429662	0,644620539
A_33_P3241021	ENST00000416624	CD69	CD69 molecule	ENST00000416624	0,644273839
A_23_P335495	NM_001001891	ANO7	anoctamin 7	ENST00000487192	0,643839698
A_23_P111657	NM_000193	SHH	sonic hedgehog	ENST00000297261	0,643675797
A_24_P303420	NR_026938	LOC221442	adenylate cyclase 10 (soluble) pseudogene		0,643557093
A_33_P3211268	ENST00000334588	GPATCH4	G patch domain containing 4	ENST00000334588	0,64333316
A_23_P335239	NM_207123	GAB1	GRB2-associated binding protein 1	ENST00000262994	0,643317616

A_33_P3311145	NM_014956	CEP164	centrosomal protein 164kDa	ENST00000375253	0,643199886
A_33_P3408137	AK124216	LOC100130248	uncharacterized LOC100130248		0,643063207
A_33_P3388453	NM_001029861	NANOS2	nanos homolog 2 (Drosophila)	ENST00000341294	0,643029261
A_33_P3407990	AK096102	LOC100130193	uncharacterized LOC100130193		0,642871675
A_21_P0011671	TCONS_I2_0001227:XLOC_I2_006578				0,642692219
A_33_P3258923	NM_005664	MKRN3	makorin ring finger protein 3	ENST00000314520	0,642691581
A_21_P0006468	ENST00000456072	XLOC_008252		ENST00000456072	0,642645286
A_24_P128312	NM_007135	ZNF79	zinc finger protein 79	ENST00000543471	0,642604177
A_21_P0014204	ENST00000419211	LOC100506957		ENST00000419211	0,642567467
A_23_P128940	NM_024558	METTL21D	methyltransferase like 21D	ENST00000484763	0,642340803
A_21_P0003698	TCONS_00008376	XLOC_003829			0,642147327
A_23_P42935	NM_004333	BRAF	v-raf murine sarcoma viral oncogene homolog B1	ENST00000497784	0,641852606
A_33_P3485760	ENST00000462527	EIF3A	eukaryotic translation initiation factor 3, subunit A	ENST00000462527	0,64168055
A_33_P3289476	AK124043	LOC100128697	uncharacterized LOC100128697		0,641629372
A_21_P0008097	TCONS_00021863	XLOC_010457			0,641592579
A_23_P103837	NM_001127320	UBAP2L	ubiquitin associated protein 2-like	ENST00000475373	0,641489075
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,641453047
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,641278632
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,641214207
A_24_P481783	NM_001163692	UBAP1L	ubiquitin associated protein 1-like	ENST00000502113	0,641144037
A_23_P53267	NM_023012	RSRC2	arginine/serine-rich coiled-coil 2	ENST00000532695	0,641081646
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,64091473
A_33_P3263569	NM_152763	AKNAD1	AKNA domain containing 1	ENST00000474186	0,640878918
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,64087133
A_23_P146134	NM_024025	DUSP26	dual specificity phosphatase 26 (putative)	ENST00000256261	0,640649006
A_21_P0000369	NR_003035	SNORA16A	small nucleolar RNA, H/ACA box 16A		0,64064478
A_24_P258955	NM_020933	ZNF317	zinc finger protein 317	ENST00000247956	0,640626868
A_33_P3277753	NM_144994	ANKRD23	ankyrin repeat domain 23	ENST00000331001	0,640580464
A_21_P0005172	THC2631844	XLOC_005764			0,640565199

A_32_P80245	NM_001109809	ZFP57	zinc finger protein 57 homolog (mouse)	ENST00000376881	0,640559247
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,640206854
A_21_P0009721	TCONS_00027012	XLOC_013057			0,640176264
A_19_P00320796	NR_002323	TUG1			0,640105687
A_23_P5611	NM_018151	RIF1	RAP1 interacting factor homolog (yeast)	ENST00000430328	0,640057939
A_23_P77756	NM_003857	GALR2	galanin receptor 2	ENST00000329003	0,64005278
A_21_P0000298	NR_002916	SNORD8	small nucleolar RNA, C/D box 8		0,639925385
A_19_P00319177	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000426529	0,639912952
A_21_P0005130	TCONS_00012595	XLOC_005458			0,6398683
A_21_P0007331	TCONS_00019599	XLOC_009402			0,639867954
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,639753502
A_23_P1473	NM_005041	PRF1	perforin 1 (pore forming protein)	ENST00000441259	0,639602962
A_21_P0000581	NR_029388	LOC728407	poly (ADP-ribose) glycohydrolase pseudogene	ENST00000415340	0,63938919
A_23_P206140	NM_018602	DNAJA4	DnaJ (Hsp40) homolog, subfamily A, member 4	ENST00000394852	0,63904008
A_23_P103661	NM_139118	YY1AP1	YY1 associated protein 1	ENST00000535662	0,638766753
A_33_P3395823	NM_172109	KCNQ2	potassium voltage-gated channel, KQT-like subfamily, mem	ENST00000344425	0,638715276
A_33_P3413523	NM_006716	DBF4	DBF4 homolog (<i>S. cerevisiae</i>)	ENST00000430279	0,638689768
A_32_P179138	NM_001130683	GUCY1A3	guanylate cyclase 1, soluble, alpha 3		0,637965382
A_33_P3337026	ENST00000328897	SLC6A8	solute carrier family 6 (neurotransmitter transporter, creati	ENST00000328897	0,637670482
A_21_P0002587	TCONS_00004747	XLOC_001426			0,637584976
A_23_P112412	NM_017746	TEX10	testis expressed 10	ENST00000444730	0,637566575
A_33_P3542599	CV322587	SNORA2A	small nucleolar RNA, H/ACA box 2A		0,637472385
A_21_P0001817	ENST00000417930	XLOC_001331		ENST00000417930	0,637367628
A_24_P128145	NM_001880	ATF2	activating transcription factor 2	ENST00000435231	0,637313653
A_24_P93896	NM_199077	CNNM2	cyclin M2	ENST00000369875	0,637137358
A_21_P0012222	BC036580	C21orf81	ankyrin repeat domain 20 family, member A3 pseudogene		0,637002553
A_33_P3301752	XR_108277	FLJ21369	uncharacterized protein FLJ21369		0,636831912
A_21_P0014007	ENST00000451672	C9orf133	chromosome 9 open reading frame 133	ENST00000451672	0,636516167
A_33_P3223208	NM_016122	CCDC41	coiled-coil domain containing 41	ENST00000397807	0,636466512

A_23_P103837	NM_001127320	UBAP2L	ubiquitin associated protein 2-like	ENST00000475373	0,636427597
A_23_P44155	NM_198196	CD96	CD96 molecule	ENST00000283285	0,636317029
A_21_P0008623	THC2626981	XLOC_011223			0,636295396
A_33_P3346866	NM_017822	KANSL2	KAT8 regulatory NSL complex subunit 2	ENST00000420613	0,636119587
A_33_P3357337	BC026272	CCNC	cyclin C	ENST00000482541	0,636108413
A_33_P3335740	NR_026891	FLJ10038	uncharacterized protein FLJ10038		0,636036096
A_19_P00317360	NM_001199182	ATP2C1		ENST00000533801	0,635877608
A_23_P132845	NM_004366	CLCN2	chloride channel 2	ENST00000430397	0,635820393
A_24_P357536	NM_001190274	FBXO11	F-box protein 11	ENST00000378314	0,635764297
A_33_P3305620	NM_001184717	TIPARP	TCDD-inducible poly(ADP-ribose) polymerase	ENST00000461166	0,635755379
A_21_P0008911	TCONS_00024348	XLOC_011670			0,63562035
A_33_P3267463	ENST00000381984	RFX3	regulatory factor X, 3 (influences HLA class II expression)	ENST00000381984	0,635606038
A_23_P334870	NM_145316	TMEM217	transmembrane protein 217	ENST00000336655	0,635541201
A_23_P355993	NM_025040	ZNF614	zinc finger protein 614	ENST00000356322	0,63528369
A_24_P404487	AL136548	ZNF506	zinc finger protein 506		0,63487563
A_24_P192627	NM_004529	MLLT3	myeloid/lymphoid or mixed-lineage leukemia (trithorax hor	ENST00000380323	0,634497436
A_33_P3420442	NM_001039803	CDK20	cyclin-dependent kinase 20	ENST00000375871	0,634307858
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,634052441
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,633989131
A_33_P3278951	NM_033512	TSPYL5	TSPY-like 5	ENST00000322128	0,633879989
A_21_P0000340	NR_002986	SNORA60	small nucleolar RNA, H/ACA box 60		0,633845521
A_33_P3410981	NM_032101	PCDHGB7	protocadherin gamma subfamily B, 7	ENST00000398594	0,633795727
A_21_P0013826	TCONS_I2_0003055	XLOC_I2_015773			0,63375464
A_23_P338495	NM_001002265	Mar-08	membrane-associated ring finger (C3HC4) 8	ENST00000476962	0,633658174
A_21_P0012756	THC2779149	XLOC_I2_010926			0,633472045
A_33_P3462960	NM_006260	DNAJC3	DnaJ (Hsp40) homolog, subfamily C, member 3	ENST00000376795	0,633471777
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,633272761
A_23_P119196	NM_016270	KLF2	Kruppel-like factor 2 (lung)	ENST00000248071	0,633189614
A_23_P26570	NM_144676	TMED6	transmembrane emp24 protein transport domain containin	ENST00000288025	0,633174454

A_23_P112950	NM_018179	ATF7IP	activating transcription factor 7 interacting protein	ENST00000540793	0,633116238
A_33_P3266410	NM_002383	MAZ	MYC-associated zinc finger protein (purine-binding transcrip	ENST00000545521	0,632749448
A_32_P92281	NR_028058	LOC100132832	PMS2 postmeiotic segregation increased 2 (S. cerevisiae) ps	ENST00000447643	0,632691058
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,632580868
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,632415429
A_21_P0014798	XR_132599	LOC100128108	uncharacterized LOC100128108		0,632284171
A_21_P0001593	BC041976	XLOC_001072			0,632276943
A_33_P3417920	NM_003886	AKAP4	A kinase (PRKA) anchor protein 4	ENST00000376064	0,632138865
A_24_P101047	NM_020931	KIAA1586	KIAA1586	ENST00000545356	0,631848868
A_24_P366122	NM_024722	ACBD4	acyl-CoA binding domain containing 4	ENST00000376955	0,631649168
A_21_P0005453	TCONS_00013655	XLOC_006312			0,631560622
A_23_P502957	NM_021810	CDH26	cadherin 26	ENST00000348616	0,631549434
A_23_P82975	NM_181661	VPS13B	vacuolar protein sorting 13 homolog B (yeast)	ENST00000441350	0,631535033
A_23_P128166	NM_014999	RAB21	RAB21, member RAS oncogene family	ENST00000261263	0,631521815
A_21_P0012281	ENST00000425895	XLOC_I2_009456		ENST00000425895	0,63141763
A_33_P3419785	NM_004052	BNIP3	BCL2/adenovirus E1B 19kDa interacting protein 3	ENST00000368636	0,631388947
A_23_P125204	NM_001004464	OR10G8	olfactory receptor, family 10, subfamily G, member 8	ENST00000431524	0,631231149
A_33_P3252809	ENST00000405673	FAM118A	family with sequence similarity 118, member A	ENST00000405673	0,631150944
A_21_P0000389	NR_003073	SNORD91B	small nucleolar RNA, C/D box 91B		0,631139257
A_33_P3331085	NM_021982	SEC24A	SEC24 family, member A (S. cerevisiae)	ENST00000398844	0,631126616
A_23_P88303	NM_021979	HSPA2	heat shock 70kDa protein 2	ENST00000247207	0,631113519
A_21_P0002637	BX116142	XLOC_001933			0,631064018
A_33_P3390570	NM_005933	MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax hor	ENST00000389507	0,631015184
A_21_P0009748	TCONS_00027240	XLOC_013274			0,631007685
A_32_P361185	NM_001024593	ZMYND17	zinc finger, MYND-type containing 17	ENST00000372912	0,631007403
A_23_P119196	NM_016270	KLF2	Kruppel-like factor 2 (lung)	ENST00000248071	0,630799189
A_33_P3308446	NM_004040	RHOB	ras homolog gene family, member B	ENST00000272233	0,630714796
A_21_P0012269	TCONS_I2_0001773	XLOC_I2_009358			0,630562758
A_23_P112950	NM_018179	ATF7IP	activating transcription factor 7 interacting protein	ENST00000540793	0,630501189

A_33_P3265394	ENST00000538098	WDR74	WD repeat domain 74	ENST00000538098	0,630378474
A_21_P0000382	NR_003059	SNORD71	small nucleolar RNA, C/D box 71		0,630359628
A_33_P3238230	ENST00000506396	CDH6	cadherin 6, type 2, K-cadherin (fetal kidney)	ENST00000506396	0,63034437
A_21_P0005187	TCONS_00012836	XLOC_005944			0,63022131
A_21_P0012437	NM_014831	TRANK1	tetratricopeptide repeat and ankyrin repeat containing 1	ENST00000513141	0,629985183
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,629811996
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,629787292
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,629784366
A_33_P3677061	XR_132607	LOC283887	uncharacterized LOC283887		0,62975164
A_24_P303874	XR_109856	C9orf62	chromosome 9 open reading frame 62	ENST00000320778	0,629619532
A_33_P3318292	NM_005066	SFPQ	splicing factor proline/glutamine-rich	ENST00000357214	0,629437323
A_21_P0012569	THC2568011	XLOC_I2_010568			0,628938745
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	0,628815648
A_21_P0010415	TCONS_00029589	XLOC_014226			0,628430657
A_33_P3291349	ENST00000319040	RPRD1A	regulation of nuclear pre-mRNA domain containing 1A	ENST00000319040	0,62838316
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,628253635
A_33_P3349414	NM_014007	ZBTB43	zinc finger and BTB domain containing 43	ENST00000373464	0,628248084
A_23_P103837	NM_001127320	UBAP2L	ubiquitin associated protein 2-like	ENST00000475373	0,628072344
A_23_P171074	NM_004867	ITM2A	integral membrane protein 2A	ENST00000469541	0,628000395
A_21_P0004305	TCONS_00010106	XLOC_004574			0,627911768
A_21_P0000224	NR_000027	SNORD83A	small nucleolar RNA, C/D box 83A		0,62777911
A_33_P3358712	NR_027390	POLR2M	polymerase (RNA) II (DNA directed) polypeptide M	ENST00000464277	0,627512541
A_33_P3365652	ENST00000480955	UBA5	ubiquitin-like modifier activating enzyme 5	ENST00000480955	0,627480603
A_33_P3376434	NM_001080517	SETD5	SET domain containing 5	ENST00000492939	0,627189641
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,627146728
A_23_P116890	NM_006249	PRB3	proline-rich protein BstNI subfamily 3	ENST00000538488	0,627034629
A_21_P0000258	NR_002564	SNORD26	small nucleolar RNA, C/D box 26		0,626894708
A_23_P111724	NM_138290	RUNDC3B	RUN domain containing 3B	ENST00000493037	0,626856883
A_23_P154065	NM_006000	TUBA4A	tubulin, alpha 4a	ENST00000248437	0,626778216

A_21_P0008821	TCONS_00023909	XLOC_011201				0,62675999
A_23_P331049	NM_006426	DPYSL4	dihydropyrimidinase-like 4		ENST00000338492	0,626732871
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase		ENST00000469765	0,62659879
A_33_P3411328	NR_034151	LOC730227	uncharacterized LOC730227			0,626541098
A_21_P0000348	NR_002996	SNORA80	small nucleolar RNA, H/ACA box 80			0,626511645
A_23_P415558	NM_012256	ZNF212	zinc finger protein 212		ENST00000335870	0,62644964
A_21_P0002232	TCONS_00003718	XLOC_001506				0,626346336
A_21_P0004703	ENST00000446476	XLOC_005530			ENST00000446476	0,626337332
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)		ENST00000437801	0,626016978
A_24_P48248	NM_024032	C17orf53	chromosome 17 open reading frame 53		ENST00000245382	0,625911912
A_24_P295330	NM_139246	TSTD2	thiosulfate sulfurtransferase (rhodanese)-like domain conta		ENST00000354801	0,625896179
A_24_P298495	AF289590	LOC100130744	uncharacterized LOC100130744			0,625777407
A_23_P502627	NM_007156	ZXDA	zinc finger, X-linked, duplicated A		ENST00000358697	0,625728426
A_33_P3415087	NM_001127899	CLCN5	chloride channel 5		ENST00000376088	0,625724338
A_33_P3402474	NM_001031722	ATAT1	alpha tubulin acetyltransferase 1		ENST00000376478	0,625639717
A_23_P112412	NM_017746	TEX10	testis expressed 10		ENST00000444730	0,62563851
A_33_P3470781	NM_020343	RALGAPA2	Ral GTPase activating protein, alpha subunit 2 (catalytic)		ENST00000202677	0,625533346
A_21_P0013894	TCONS_I2_0003092	XLOC_I2_015938				0,62553202
A_23_P128372	NM_002014	FKBP4	FK506 binding protein 4, 59kDa		ENST00000001008	0,6254249
A_21_P0003097	AL832729	XLOC_003021			ENST00000412804	0,625359139
A_33_P3256695	NM_017892	PRPF40A	PRP40 pre-mRNA processing factor 40 homolog A (S. cerevi		ENST00000410080	0,625339668
A_24_P98762	NM_002716	PPP2R1B	protein phosphatase 2, regulatory subunit A, beta		ENST00000527614	0,625169715
A_33_P3326447	XM_003119544	LOC100508384	uncharacterized LOC100508384			0,625127914
A_21_P0013042	TCONS_I2_0002445	XLOC_I2_012748				0,624951561
A_21_P0011888	AA299779	XLOC_I2_007832				0,624825065
A_23_P103837	NM_001127320	UBAP2L	ubiquitin associated protein 2-like		ENST00000475373	0,624823778
A_21_P0001031	ENST00000456125	XLOC_000471			ENST00000456125	0,624799876
A_23_P34396	NM_020317	C1orf63	chromosome 1 open reading frame 63		ENST00000431849	0,624797293
A_24_P88266	NM_002763	PROX1	prospero homeobox 1		ENST00000498508	0,624777801

A_33_P3255131	NM_001100915	KCTD19	potassium channel tetramerisation domain containing 19	ENST00000304372	0,624730334
A_33_P3375528	NM_152622	MIER3	mesoderm induction early response 1, family member 3	ENST00000451637	0,624641538
A_23_P103837	NM_001127320	UBAP2L	ubiquitin associated protein 2-like	ENST00000475373	0,624631248
A_33_P3351207	NR_015363	MGC21881	uncharacterized locus MGC21881	ENST00000467494	0,624348102
A_23_P429535	NM_012086	GTF3C3	general transcription factor IIIC, polypeptide 3, 102kDa	ENST00000263956	0,62427863
A_21_P0009393	TCONS_00025963	XLOC_012281			0,624275858
A_21_P0012385	TCONS_I2_0001871	XLOC_I2_009804			0,624047194
A_33_P3324651	NM_001242600	RBM39	RNA binding motif protein 39	ENST00000433027	0,624038813
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,623737155
A_23_P42935	NM_004333	BRAF	v-raf murine sarcoma viral oncogene homolog B1	ENST00000497784	0,623672466
A_21_P0003748	THC2633082	XLOC_003993			0,623579289
A_33_P3269728	NM_017664	ANKRD10	ankyrin repeat domain 10	ENST00000460846	0,623229717
A_21_P0011304	TCONS_I2_0000849	XLOC_I2_004596			0,623162457
A_23_P424126	NM_014594	ZNF354C	zinc finger protein 354C	ENST00000315475	0,623062802
A_21_P0014189	XR_108778	LOC100507042	uncharacterized LOC100507042		0,62282046
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,622811316
A_21_P0002156	TCONS_00003535	XLOC_001309			0,622433584
A_33_P3270623	NM_175885	FAM181B	family with sequence similarity 181, member B	ENST00000329203	0,622414782
A_23_P305033	NM_152787	TAB3	TGF-beta activated kinase 1/MAP3K7 binding protein 3	ENST00000288422	0,622391464
A_23_P215132	NM_014149	WDR91	WD repeat domain 91	ENST00000466182	0,62235923
A_23_P112412	NM_017746	TEX10	testis expressed 10	ENST00000444730	0,622316838
A_21_P0013373	ENST00000446399	XLOC_I2_013302		ENST00000446399	0,622091448
A_33_P3277943	NM_144571	CNOT6L	CCR4-NOT transcription complex, subunit 6-like	ENST00000504123	0,622084813
A_24_P51588	NM_030937	CCNL2	cyclin L2	ENST00000488340	0,622038118
A_21_P0006553	TCONS_00017386	XLOC_008256			0,621965195
A_23_P118042	NM_018296	LRRC36	leucine rich repeat containing 36	ENST00000290940	0,621766619
A_33_P3258127	AY203946	LOC100132188	LP7097		0,621683079
A_33_P3300635	NM_006212	PFKFB2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	ENST00000367080	0,62159205
A_23_P88489	NM_172095	CATSPER2	cation channel, sperm associated 2	ENST00000433380	0,621567928

A_24_P93754	NM_001146694	KDM4C	lysine (K)-specific demethylase 4C	ENST00000381306	0,621511832
A_23_P8640	NM_001039966	GPER	G protein-coupled estrogen receptor 1	ENST00000508834	0,621213095
A_23_P140614	NR_038843	LOC653061	golgin A8 family, member B pseudogene	ENST00000448387	0,621154894
A_33_P3307490	ENST00000378189	SYNRG	synergin, gamma	ENST00000378189	0,62113128
A_32_P468341	NM_001170754	C1orf127	chromosome 1 open reading frame 127	ENST00000518410	0,620777918
A_23_P347029	NM_176890	TAS2R50	taste receptor, type 2, member 50	ENST00000506868	0,620542303
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	0,620530787
A_33_P3315475	NM_001080435	WHAMM	WAS protein homolog associated with actin, golgi membrar	ENST00000234505	0,620506435
A_23_P38346	NM_024119	DHX58	DEXH (Asp-Glu-X-His) box polypeptide 58	ENST00000423748	0,620148468
A_23_P311713	NM_173572	C10orf93	chromosome 10 open reading frame 93	ENST00000368585	0,620129643
A_33_P3601202	NR_036676	IFNA22P	interferon, alpha 22, pseudogene		0,620022857
A_21_P0007325	THC2788642	XLOC_009389			0,619873262
A_23_P91095	NM_006139	CD28	CD28 molecule	ENST00000374481	0,619835784
A_33_P3368950	NM_001161546	C5orf65	chromosome 5 open reading frame 65	ENST00000434752	0,619823881
A_21_P0012441	ENST00000463764	TRANK1	tetratricopeptide repeat and ankyrin repeat containing 1	ENST00000463764	0,619696567
A_33_P3368771	NR_026991	H1FX-AS1	H1FX antisense RNA 1 (non-protein coding)	ENST00000511998	0,619606624
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,619575714
A_21_P0008202	XR_109147	DNAJC3-AS1	DNAJC3 antisense RNA 1 (non-protein coding)		0,619551025
A_21_P0006692	ENST00000428940	XLOC_008542		ENST00000428940	0,619479655
A_33_P3307144	NM_021956	GRIK2	glutamate receptor, ionotropic, kainate 2	ENST00000487161	0,619428886
A_23_P347508	NM_023077	SELRC1	Sel1 repeat containing 1	ENST00000371538	0,619422001
A_21_P0007235	TCONS_00019383	XLOC_009207			0,619416164
A_32_P38637	NM_032534	KRBA1	KRAB-A domain containing 1	ENST00000466546	0,61933323
A_23_P103661	NM_139118	YY1AP1	YY1 associated protein 1	ENST00000535662	0,619296692
A_21_P0011621	TCONS_I2_0001155	XLOC_I2_005759			0,619289764
A_21_P0013166	ENST00000510017	XLOC_I2_013242		ENST00000510017	0,619145302
A_24_P9671	NM_001539	DNAJA1	DnaJ (Hsp40) homolog, subfamily A, member 1	ENST00000495015	0,619081478
A_33_P3214785	AK094801	LEPROT	leptin receptor overlapping transcript		0,619056716
A_23_P112950	NM_018179	ATF7IP	activating transcription factor 7 interacting protein	ENST00000540793	0,618886227

A_24_P239076	NM_020070	IGLL1	immunoglobulin lambda-like polypeptide 1	ENST00000330377	0,618786211
A_23_P16242	NM_021143	ZNF20	zinc finger protein 20	ENST00000430024	0,61873971
A_23_P8754	NM_005763	AASS	aminoadipate-semialdehyde synthase	ENST00000358954	0,618652928
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,618630273
A_33_P3265679	XR_112616	LOC389199	uncharacterized LOC389199	ENST00000429019	0,61847316
A_23_P303803	NM_152474	C19orf18	chromosome 19 open reading frame 18	ENST00000314391	0,618319539
A_23_P103837	NM_001127320	UBAP2L	ubiquitin associated protein 2-like	ENST00000475373	0,618306803
A_23_P112412	NM_017746	TEX10	testis expressed 10	ENST00000444730	0,618261397
A_23_P112950	NM_018179	ATF7IP	activating transcription factor 7 interacting protein	ENST00000540793	0,617794202
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,617771558
A_23_P30464	NM_030567	PRR7	proline rich 7 (synaptic)	ENST00000502922	0,617738535
A_21_P0007888	DB511330	XLOC_010172			0,617663907
A_21_P0000503	NR_023343	RNU4ATAC	RNA, U4atac small nuclear (U12-dependent splicing)		0,617319953
A_33_P3284108	NM_006178	NSF	N-ethylmaleimide-sensitive factor	ENST00000225282	0,617284638
A_23_P72840	NM_018973	DPM3	dolichyl-phosphate mannosyltransferase polypeptide 3	ENST00000368399	0,617220831
A_19_P00318272	NR_038988	LOC100287765			0,616838796
A_33_P3266265	NM_001025780	FAM108B1	family with sequence similarity 108, member B1	ENST00000333421	0,616753372
A_33_P3252630	NM_203282	ZNF254	zinc finger protein 254	ENST00000392281	0,616748538
A_21_P0002931	TCONS_00005948	XLOC_002578			0,616679662
A_33_P3219459	NM_001114748	C1orf70	chromosome 1 open reading frame 70	ENST00000378733	0,616584821
A_33_P3336527	NM_015027	PDXDC1	pyridoxal-dependent decarboxylase domain containing 1	ENST00000325845	0,616523435
A_23_P373619	NM_172139	IL28B	interleukin 28B (interferon, lambda 3)	ENST00000413851	0,616182524
A_23_P253317	NM_013308	GPR171	G protein-coupled receptor 171	ENST00000309180	0,616135578
A_23_P12784	NM_012083	FRAT2	frequently rearranged in advanced T-cell lymphomas 2	ENST00000371019	0,6160429
A_21_P0009462	TCONS_00026292	XLOC_012636			0,616030305
A_33_P3386671	NM_005060	RORC	RAR-related orphan receptor C	ENST00000356728	0,615961935
A_33_P3464855	AL050097	DKFZP586B0319	DKFZP586B0319 protein		0,615895601
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,615823881
A_23_P119196	NM_016270	KLF2	Kruppel-like factor 2 (lung)	ENST00000248071	0,615794545

A_33_P3303215	NM_001191009	SRSF10	serine/arginine-rich splicing factor 10	ENST00000467887	0,615659897
A_21_P0010300	TCONS_00029178	XLOC_014118			0,615485816
A_33_P3229370	NM_001546	ID4	inhibitor of DNA binding 4, dominant negative helix-loop-he	ENST00000378700	0,615245186
A_21_P0011546	EB385853	XLOC_I2_005804			0,61509339
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,615066974
A_32_P84369	NM_001079529	FAM153B	family with sequence similarity 153, member B	ENST00000502475	0,614814013
A_21_P0000278	NR_002604	SNORD10	small nucleolar RNA, C/D box 10		0,61448372
A_33_P3273324	ENST00000344085	ZNF880	zinc finger protein 880	ENST00000344085	0,614409941
A_33_P3299170	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000490762	0,614369715
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,614084412
A_19_P00320119	NR_002323	TUG1			0,614030538
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,613893672
A_33_P3304516	NM_021035	ZNFX1	zinc finger, NFX1-type containing 1	ENST00000371744	0,613889349
A_33_P3280157	NR_001290	SNORD116-19	small nucleolar RNA, C/D box 116-19	ENST00000549804	0,613818309
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,613773869
A_33_P3339066	NM_017619	RNPC3	RNA-binding region (RNP1, RRM) containing 3	ENST00000531883	0,613766062
A_23_P423074	NM_015566	FAM169A	family with sequence similarity 169, member A	ENST00000510609	0,613723999
A_33_P3415345	NM_001135745	ALS2	amyotrophic lateral sclerosis 2 (juvenile)	ENST00000496244	0,613704618
A_33_P3527931	NM_001130514	C19orf69	chromosome 19 open reading frame 69	ENST00000378187	0,613685111
A_19_P00321809	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000434399	0,613599036
A_23_P429092	NM_001145207	HBS1L	HBS1-like (<i>S. cerevisiae</i>)	ENST00000367822	0,613530232
A_23_P112412	NM_017746	TEX10	testis expressed 10	ENST00000444730	0,613494822
A_21_P0002650	TCONS_00004167	XLOC_002010			0,613302223
A_23_P103661	NM_139118	YY1AP1	YY1 associated protein 1	ENST00000535662	0,613289868
A_33_P3653330	NM_003010	MAP2K4	mitogen-activated protein kinase kinase 4	ENST00000415385	0,613136017
A_23_P110699	NM_052860	ZNF300	zinc finger protein 300	ENST00000394226	0,613119947
A_33_P3211864	NR_028407	ARMCX4	armadillo repeat containing, X-linked 4	ENST00000354842	0,613047899
A_33_P3378925	NM_006328	RBM14	RNA binding motif protein 14	ENST00000310137	0,613007965
A_32_P22501	NR_034170	LOC645212	uncharacterized LOC645212	ENST00000313807	0,612866914

A_33_P3228872	NM_014472	C10orf28	chromosome 10 open reading frame 28	ENST00000314594	0,612851411
A_33_P3209581	NM_001170738	IQSEC3	IQ motif and Sec7 domain 3	ENST00000326261	0,612825359
A_23_P152970	NM_016339	RAPGEFL1	Rap guanine nucleotide exchange factor (GEF)-like 1	ENST00000264644	0,612816293
A_21_P0011390	Y10483	PRKXP1	protein kinase, X-linked, pseudogene 1		0,61277016
A_32_P146659	NR_027040	LOC401431	uncharacterized LOC401431		0,612755098
A_33_P3526315	BC005372	MGC12488	uncharacterized protein MGC12488		0,612722928
A_19_P00317447	ENST00000473756	XLOC_002736	0	ENST00000473756	0,612708669
A_23_P37127	NM_004496	FOXA1	forkhead box A1	ENST00000250448	0,612638576
A_23_P76914	NM_005982	SIX1	SIX homeobox 1	ENST00000247182	0,612494638
A_21_P0004244	TCONS_00009933	XLOC_004361			0,612398948
A_33_P3356631	NM_006298	ZNF192	zinc finger protein 192		0,612314784
A_23_P18452	NM_002416	CXCL9	chemokine (C-X-C motif) ligand 9	ENST00000264888	0,612163134
A_33_P3411388	NM_001080461	UNCX	UNC homeobox	ENST00000316333	0,611987733
A_21_P0011133	NM_199254	TPTE2	transmembrane phosphoinositide 3-phosphatase and tensin	ENST00000440905	0,611964207
A_32_P182388	NM_021217	ZNF77	zinc finger protein 77	ENST00000314531	0,61194269
A_33_P3253804	NM_005195	CEBPD	CCAAT/enhancer binding protein (C/EBP), delta	ENST00000542385	0,611886935
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,611787278
A_21_P0011706	NR_024330	LINC00085	long intergenic non-protein coding RNA 85		0,611603467
A_24_P130936	NM_004660	DDX3Y	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked	ENST00000537441	0,611541955
A_33_P3249654	NR_038865	C19orf29-AS1	C19orf29 antisense RNA 1 (non-protein coding)	ENST00000447295	0,611343124
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,611336905
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,611180497
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,611154064
A_23_P389141	NM_144990	SLFNL1	schlafen-like 1	ENST00000359345	0,610977393
A_23_P103661	NM_139118	YY1AP1	YY1 associated protein 1	ENST00000535662	0,610960072
A_33_P3383524	NR_024172	LOC91948	uncharacterized LOC91948		0,610704089
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,610624946
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,610514124
A_33_P3363460	AK128204	LOC100129186	uncharacterized LOC100129186		0,610437057

A_23_P12526	NM_005426	TP53BP2	tumor protein p53 binding protein, 2	ENST00000391878	0,61041134
A_21_P0013850	NR_028407	ARMCX4	armadillo repeat containing, X-linked 4	ENST00000455331	0,610396344
A_23_P88703	NM_005657	TP53BP1	tumor protein p53 binding protein 1	ENST00000382044	0,610395398
A_23_P23102	NM_145238	ZSCAN20	zinc finger and SCAN domain containing 20	ENST00000326544	0,609993594
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,609905388
A_23_P119196	NM_016270	KLF2	Kruppel-like factor 2 (lung)	ENST00000248071	0,609767166
A_21_P0014312	XR_109242	LOC100507303	uncharacterized LOC100507303		0,609629713
A_33_P3220818	NM_001201338	SAFB	scaffold attachment factor B	ENST00000433404	0,609552688
A_23_P103661	NM_139118	YY1AP1	YY1 associated protein 1	ENST00000535662	0,60952115
A_32_P38645	NM_182970	RIMS4	regulating synaptic membrane exocytosis 4	ENST00000541604	0,609475626
A_23_P97283	NM_024897	PAQR6	progesterone and adipoQ receptor family member VI	ENST00000468632	0,609446169
A_23_P40936	NM_003298	NR2C2	nuclear receptor subfamily 2, group C, member 2	ENST00000478572	0,609366562
A_24_P29686	NM_031449	ZMIZ2	zinc finger, MIZ-type containing 2	ENST00000309315	0,609199075
A_23_P372144	NM_021231	C19orf29	chromosome 19 open reading frame 29	ENST00000221899	0,609119229
A_24_P366859	NM_031941	USHBP1	Usher syndrome 1C binding protein 1	ENST00000431146	0,608714673
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,608705006
A_23_P93295	NM_013936	OR12D2	olfactory receptor, family 12, subfamily D, member 2	ENST00000443442	0,608613224
A_21_P0013355	TCONS_I2_0002696	XLOC_I2_014050			0,608343673
A_21_P0000253	NR_002559	SNORD29	small nucleolar RNA, C/D box 29		0,607962145
A_23_P438	NM_017773	LAX1	lymphocyte transmembrane adaptor 1	ENST00000442561	0,607896605
A_19_P00321872	NR_038904	LOC100506305	uncharacterized LOC100506305		0,607894578
A_21_P0008689	TCONS_00023542	XLOC_011375			0,607836265
A_21_P0012089	NR_026758	LOC440905	uncharacterized LOC440905	ENST00000449170	0,607826152
A_23_P93180	NM_003526	HIST1H2BC	histone cluster 1, H2bc	ENST00000396984	0,607704054
A_23_P66260	NM_003414	ZNF267	zinc finger protein 267	ENST00000300870	0,607682725
A_24_P286079	NM_014423	AFF4	AF4/FMR2 family, member 4	ENST00000265343	0,607520208
A_21_P0000506	NR_024187	SUZ12P	suppressor of zeste 12 homolog pseudogene		0,607453917
A_33_P3317558	NR_003521	WHAMMP3	WAS protein homolog associated with actin, golgi membranes and microtubules p		0,607176868
A_21_P0011501	ENST00000446912	XLOC_I2_005350		ENST00000446912	0,607173722

A_33_P3311653	ENST00000507766	PDS5A	PDS5, regulator of cohesion maintenance, homolog A (S. ce	ENST00000507766	0,607088852
A_33_P3268174	NM_152903	KBTBD6	kelch repeat and BTB (POZ) domain containing 6	ENST00000379485	0,606940121
A_33_P3246293	NM_001145207	HBS1L	HBS1-like (S. cerevisiae)	ENST00000367822	0,606876374
A_23_P103661	NM_139118	YY1AP1	YY1 associated protein 1	ENST00000535662	0,60684992
A_23_P4400	NM_033059	KRTAP4-11	keratin associated protein 4-11	ENST00000391413	0,606814127
A_21_P0012170	DA100741	XLOC_I2_008981			0,606584372
A_23_P103661	NM_139118	YY1AP1	YY1 associated protein 1	ENST00000535662	0,606583304
A_21_P0000225	NR_000028	SNORD83B	small nucleolar RNA, C/D box 83B	ENST00000467105	0,606437396
A_19_P00316325	NR_015353	LOC92249	uncharacterized LOC92249	ENST00000433061	0,606285375
A_33_P3252989	NM_015037	KIAA0913	KIAA0913	ENST00000398706	0,606244348
A_33_P3289416	NM_152458	ZNF785	zinc finger protein 785	ENST00000395216	0,606184975
A_33_P3291459	NR_037169	LOC100507547	uncharacterized LOC100507547	ENST00000487140	0,606178839
A_21_P0001804	ENST00000437798	XLOC_001300		ENST00000437798	0,606038409
A_21_P0013135	ENST00000417650	XLOC_I2_012748		ENST00000417650	0,605975957
A_33_P3410251	ENST00000281753	UNC80	unc-80 homolog (C. elegans)	ENST00000281753	0,605846105
A_33_P3307990	NM_006610	MASP2	mannan-binding lectin serine peptidase 2	ENST00000400897	0,605821236
A_23_P106002	NM_020529	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000554001	0,60580265
A_33_P3339103	NM_203290	POLR1C	polymerase (RNA) I polypeptide C, 30kDa	ENST00000372373	0,605671153
A_23_P103661	NM_139118	YY1AP1	YY1 associated protein 1	ENST00000535662	0,605260385
A_33_P3279730	ENST00000444947	DDT	D-dopachrome tautomerase	ENST00000444947	0,605256745
A_23_P141345	NM_001932	MPP3	membrane protein, palmitoylated 3 (MAGUK p55 subfamily	ENST00000398389	0,604815589
A_21_P0012333	NM_171828	KCNMB3	potassium large conductance calcium-activated channel, su	ENST00000485523	0,604579877
A_23_P112412	NM_017746	TEX10	testis expressed 10	ENST00000444730	0,604572218
A_21_P0010156	ENST00000436529	XLOC_013905		ENST00000436529	0,604512982
A_33_P3228023	NM_021626	SCPEP1	serine carboxypeptidase 1	ENST00000262288	0,604456524
A_21_P0014432	XR_109753	LOC100507599	uncharacterized LOC100507599		0,604308454
A_23_P212639	NM_004593	TRA2B	transformer 2 beta homolog (Drosophila)	ENST00000456380	0,604084557
A_33_P3417459	NR_023358	SCARNA9L	small Cajal body-specific RNA 9-like (retrotransposed)		0,604044428
A_23_P156809	NM_001127395	METTL21A	methyltransferase like 21A	ENST00000412930	0,60399347

A_21_P0006325	TCONS_00016488	XLOC_007866			0,603929477
A_23_P133585	NM_001799	CDK7	cyclin-dependent kinase 7	ENST00000256443	0,603759098
A_33_P3473108	Z39353	SNORA66	small nucleolar RNA, H/ACA box 66		0,603487834
A_23_P302038	NM_004575	POU4F2	POU class 4 homeobox 2	ENST00000281321	0,603232078
A_24_P97374	NM_005442	EOMES	eomesodermin	ENST00000535713	0,603196808
A_23_P16415	NM_002333	LRP3	low density lipoprotein receptor-related protein 3	ENST00000431491	0,603194345
A_21_P0005447	NR_028090	LOC202781	uncharacterized LOC202781		0,603181832
A_33_P3369979	NM_001004686	OR2L2	olfactory receptor, family 2, subfamily L, member 2	ENST00000366479	0,603171044
A_23_P256603	NM_001207008	MLLT4	myeloid/lymphoid or mixed-lineage leukemia (trithorax homologue 4)	ENST00000366809	0,603164279
A_21_P0009465	TCONS_00026297	XLOC_012641			0,603127053
A_23_P110699	NM_052860	ZNF300	zinc finger protein 300	ENST00000394226	0,60306041
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,6030162
A_33_P3262665	NM_024597	MAP7D3	MAP7 domain containing 3	ENST00000370663	0,602986976
A_33_P3327454	NM_133368	RSPRY1	ring finger and SPRY domain containing 1	ENST00000537866	0,602787008
A_33_P3275959	BC001407	SLC25A16	solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16		0,602695216
A_21_P0000490	NR_004381	SNORD105	small nucleolar RNA, C/D box 105		0,60266787
A_21_P0000220	NR_000020	SNORD33	small nucleolar RNA, C/D box 33	ENST00000476268	0,602430231
A_33_P3403082	NR_027686	LINC00176	long intergenic non-protein coding RNA 176		0,602410551
A_32_P192692	NM_001014797	KCNMA1	potassium large conductance calcium-activated channel, subfamily M, alpha member 1		0,602410039
A_21_P0013723	NR_015363	MGC21881	uncharacterized locus MGC21881	ENST00000467494	0,602269898
A_21_P0011604	NR_026903	AMZ2P1	archaelysin family metallopeptidase 2 pseudogene 1		0,6021981
A_21_P0013330	TCONS_I2_0002666	XLOC_I2_013877			0,602177559
A_33_P3406066	NM_173632	ZNF776	zinc finger protein 776	ENST00000317178	0,602106636
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	0,602089092
A_21_P0012042	ENST00000429730	XLOC_I2_007731		ENST00000429730	0,602074869
A_33_P3409854	NM_005568	LHX1	LIM homeobox 1	ENST00000254457	0,601974313
A_33_P3383351	ENST00000464187	COL5A1	collagen, type V, alpha 1	ENST00000464187	0,601845154
A_24_P419177	NM_014497	ZNF638	zinc finger protein 638	ENST00000377802	0,601761642
A_33_P3233125	NM_002779	PSD	pleckstrin and Sec7 domain containing	ENST0000020673	0,601745121

A_33_P3304538	NM_207396	RNF207	ring finger protein 207	ENST00000496676	0,601727458
A_23_P431923	NR_027250	SSX8	synovial sarcoma, X breakpoint 8		0,601682031
A_21_P0000291	NR_002751	SNORD41	small nucleolar RNA, C/D box 41		0,601599114
A_33_P3384667	BC022967	DCAF5	DDB1 and CUL4 associated factor 5	ENST00000389997	0,601586983
A_23_P27133	NM_002275	KRT15	keratin 15	ENST00000474031	0,6014857
A_23_P13244	NM_001005205	OR8J1	olfactory receptor, family 8, subfamily J, member 1	ENST00000303039	0,601482344
A_21_P0010267	HQ013231	XLOC_013994			0,601355306
A_33_P3808996	NM_023071	SPATS2	spermatogenesis associated, serine-rich 2	ENST00000552918	0,601291835
A_33_P3254634	NM_006810	PDIA5	protein disulfide isomerase family A, member 5	ENST00000495004	0,601228541
A_33_P3242923	NR_038358	LOC283553	uncharacterized LOC283553	ENST00000554409	0,601138549
A_21_P0009357	TCONS_00025747	XLOC_012564			0,600977155
A_23_P119196	NM_016270	KLF2	Kruppel-like factor 2 (lung)	ENST00000248071	0,600919989
A_23_P103661	NM_139118	YY1AP1	YY1 associated protein 1	ENST00000535662	0,600895382
A_33_P3209816	NM_207325	DPY19L3	dpy-19-like 3 (C. elegans)	ENST00000392248	0,600758069
A_23_P161624	NM_005438	FOSL1	FOS-like antigen 1	ENST00000312562	0,600633918
A_24_P382119	NM_004687	MTMR4	myotubularin related protein 4	ENST00000323456	0,600618903
A_33_P3311618	NM_004582	RABGGTB	Rab geranylgeranyltransferase, beta subunit	ENST00000370824	0,600606443
A_21_P0013289	THC2668011	XLOC_I2_013751			0,600486948
A_21_P0013324	ENST00000412091	XLOC_I2_013873		ENST00000412091	0,600475551
A_23_P215435	ENST00000395270	POM121	POM121 membrane glycoprotein	ENST00000395270	0,600356042
A_23_P112950	NM_018179	ATF7IP	activating transcription factor 7 interacting protein	ENST00000540793	0,600330873
A_23_P103661	NM_139118	YY1AP1	YY1 associated protein 1	ENST00000535662	0,600172559
A_23_P151662	NM_197957	MAX	MYC associated factor X	ENST00000554709	0,600165047
A_21_P0013953	ENST00000435655	LOC653720		ENST00000435655	0,600159553
A_33_P3397073	NR_037169	LOC100507547	uncharacterized LOC100507547	ENST00000480799	0,600002236
A_24_P379750	NM_002357	MXD1	MAX dimerization protein 1	ENST00000264444	0,599994596
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	0,599986622
A_21_P0000020	NM_001146699	RBM19	RNA binding motif protein 19	ENST00000545145	0,599873283
A_21_P0003286	TCONS_00007181	XLOC_003149			0,599840329

A_23_P91001	NM_019048	ASNSD1	asparagine synthetase domain containing 1	ENST00000420250	0,59980176
A_33_P3346552	NR_003287	RN28S1	RNA, 28S ribosomal 1		0,5997888
A_21_P0000365	NR_003030	SNORD12	small nucleolar RNA, C/D box 12		0,599259652
A_21_P0000275	NR_002592	SNORD96A	small nucleolar RNA, C/D box 96A	ENST00000502890	0,59915705
A_21_P0006606	TCONS_00017647	XLOC_008323			0,599119128
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,599055998
A_21_P0009997	CD679150	XLOC_013631			0,599039793
A_23_P112950	NM_018179	ATF7IP	activating transcription factor 7 interacting protein	ENST00000540793	0,59861468
A_33_P3233649	NM_001085411	NADKD1	NAD kinase domain containing 1	ENST00000397338	0,598584912
A_24_P926684	ENST00000503418	UBE2D3	ubiquitin-conjugating enzyme E2D 3	ENST00000503418	0,598575683
A_21_P0012753	ENST00000513425	XLOC_I2_010888		ENST00000513425	0,598550071
A_21_P0010590	THC2520724	XLOC_I2_000727			0,598446052
A_33_P3358626	NM_005640	TAF4B	TAF4b RNA polymerase II, TATA box binding protein (TBP)-a	ENST00000418698	0,598403017
A_33_P3394198	NM_004957	FPGS	folylpolyglutamate synthase	ENST00000373228	0,59833219
A_21_P0004121	ENST00000511579	XLOC_004774		ENST00000511579	0,598260983
A_24_P570583	NR_003127	ZNF542	zinc finger protein 542	ENST00000488113	0,598233097
A_23_P112412	NM_017746	TEX10	testis expressed 10	ENST00000444730	0,598154478
A_24_P659122	XR_132464	LOC401357	uncharacterized LOC401357		0,598141802
A_33_P3384260	ENST00000546500	HNRNPA1	heterogeneous nuclear ribonucleoprotein A1	ENST00000546500	0,598107858
A_33_P3210900	ENST00000397099	SEC13	SEC13 homolog (S. cerevisiae)	ENST00000397099	0,598089762
A_21_P0014480	XR_110024	LOC401068	uncharacterized LOC401068		0,598064182
A_32_P173662	NM_003296	CRISP2	cysteine-rich secretory protein 2	ENST00000339139	0,597876824
A_21_P0012665	ENST00000509098	XLOC_I2_011114		ENST00000509098	0,597857623
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (S. cerevisiae)	ENST00000371614	0,597854372
A_33_P3239143	NM_198458	ZNF497	zinc finger protein 497	ENST00000391697	0,597434996
A_21_P0001725	ENST00000424948	XLOC_000808		ENST00000424948	0,597193968
A_23_P142574	NM_058165	MOGAT1	monoacylglycerol O-acyltransferase 1	ENST00000446656	0,597122692
A_24_P233078	NR_003064	PYY2	peptide YY, 2 (seminalplasmin)	ENST00000441253	0,59702194
A_23_P301336	NM_014472	C10orf28	chromosome 10 open reading frame 28	ENST00000370584	0,597007202

A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,596987411
A_21_P0013069	NR_003504	GUSBP2	glucuronidase, beta pseudogene 2	ENST00000466668	0,596833431
A_24_P20630	NM_016269	LEF1	lymphoid enhancer-binding factor 1	ENST00000503879	0,596790599
A_21_P0013989	XM_003119970	LOC100509824	uncharacterized LOC100509824		0,596743874
A_33_P3302662	ENST00000461758	TLE4	transducin-like enhancer of split 4 (E(sp1) homolog, Drosop	ENST00000461758	0,596731649
A_23_P207680	NM_001039083	ARL17B	ADP-ribosylation factor-like 17B	ENST00000329240	0,596595731
A_23_P47125	NM_153444	OR5P2	olfactory receptor, family 5, subfamily P, member 2	ENST00000329434	0,596072219
A_33_P3735771	BC003645	LOC642776	uncharacterized LOC642776		0,596017687
A_21_P0000083	NM_004366	CLCN2	chloride channel 2	ENST00000430397	0,595977712
A_23_P345830	NM_014929	FASTKD2	FAST kinase domains 2	ENST00000403094	0,595888646
A_23_P112412	NM_017746	TEX10	testis expressed 10	ENST00000444730	0,595883509
A_23_P374689	NM_000817	GAD1	glutamate decarboxylase 1 (brain, 67kDa)	ENST00000478562	0,595694438
A_19_P00318666	ENST00000430244	Q9UJ41		ENST00000430244	0,595675556
A_21_P0001658	THC2736935	XLOC_000026			0,595477454
A_19_P00321782	NR_015431	FLJ43663	uncharacterized LOC378805		0,595344485
A_21_P0013966	ENST00000423269	CLTC-IT1		ENST00000423269	0,595271749
A_23_P128993	NM_033423	GZMH	granzyme H (cathepsin G-like 2, protein h-CCPX)	ENST00000382547	0,595177992
A_23_P120153	NM_173647	RNF149	ring finger protein 149	ENST00000295317	0,595109998
A_33_P3328716	NM_144719	CCDC13	coiled-coil domain containing 13	ENST00000310232	0,59510147
A_23_P84910	NM_003446	ZNF157	zinc finger protein 157	ENST00000377073	0,59507666
A_23_P91512	NM_144492	CLDN14	claudin 14	ENST00000399137	0,59506426
A_21_P0002374	TCONS_00004060	XLOC_001908			0,595059395
A_23_P254254	NM_000199	SGSH	N-sulfoglucosamine sulfohydrolase	ENST00000534910	0,59489312
A_24_P409346	NM_006310	NPEPPS	aminopeptidase puromycin sensitive	ENST00000527824	0,59466172
A_23_P129466	NM_024997	ATF7IP2	activating transcription factor 7 interacting protein 2	ENST00000356427	0,594647101
A_21_P0012887	ENST00000343123	XLOC_I2_011911		ENST00000343123	0,594471222
A_23_P385911	NM_001145314	CEP44	centrosomal protein 44kDa	ENST00000396791	0,594444653
A_33_P3232277	NM_004060	CCNG1	cyclin G1	ENST00000511490	0,594365471
A_23_P83798	NM_006982	ALX1	ALX homeobox 1	ENST00000316824	0,594254514

A_23_P218784	NM_006386	DDX17	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	ENST00000432525	0,594088345
A_21_P0000332	NR_002977	SNORA45	small nucleolar RNA, H/ACA box 45		0,594064136
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,594043435
A_33_P3418194	NM_023946	LYNX1	Ly6/neurotoxin 1	ENST00000335822	0,593967248
A_23_P112950	NM_018179	ATF7IP	activating transcription factor 7 interacting protein	ENST00000540793	0,593772503
A_21_P0007224	ENST00000527519	XLOC_009183		ENST00000527519	0,593688468
A_33_P3381796	XR_108716	LOC393078	uncharacterized LOC393078		0,593595542
A_33_P3407266	NM_012204	GTF3C4	general transcription factor IIIC, polypeptide 4, 90kDa	ENST00000483873	0,593589947
A_24_P29277	NM_001130105	COL4A3BP	collagen, type IV, alpha 3 (Goodpasture antigen) binding protein		0,593546527
A_21_P0008252	TCONS_00022267	XLOC_010588			0,593443827
A_33_P3393927	NM_181873	MTMR11	myotubularin related protein 11	ENST00000369140	0,593408053
A_21_P0000650	NM_021047	ZNF253	zinc finger protein 253	ENST00000502675	0,593239529
A_21_P0011228	ENST00000435617	XLOC_l2_003974		ENST00000435617	0,593116128
A_21_P0006339	TCONS_00016530	XLOC_007264			0,592809348
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,592796171
A_24_P25530	NM_000835	GRIN2C	glutamate receptor, ionotropic, N-methyl D-aspartate 2C	ENST00000347612	0,592733221
A_21_P0009660	ENST00000420038	XLOC_012971		ENST00000420038	0,592661487
A_32_P360193	NM_144666	DNHD1	dynein heavy chain domain 1	ENST00000532027	0,592635955
A_33_P3362727	ENST00000376256	HNRNPK	heterogeneous nuclear ribonucleoprotein K	ENST00000376256	0,592572173
A_33_P3316505	NR_002907	SNORA73A	small nucleolar RNA, H/ACA box 73A	ENST00000437681	0,592567782
A_33_P3281363	BC037956	TRIP12	thyroid hormone receptor interactor 12	ENST00000409677	0,592558586
A_23_P106002	NM_020529	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000554001	0,592335915
A_33_P3271301	NM_181492	TCF20	transcription factor 20 (AR1)	ENST00000335626	0,592142367
A_21_P0013956	ENST00000414050	PPFIA4	protein tyrosine phosphatase, receptor type, f polypeptide	ENST00000414050	0,592003419
A_23_P155765	NM_002129	HMGB2	high mobility group box 2	ENST00000511316	0,591986484
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,591960237
A_23_P218058	NM_013431	KLRC4	killer cell lectin-like receptor subfamily C, member 4	ENST00000309384	0,591782053
A_21_P0000760	NR_038318	LOC100526771	uncharacterized LOC100526771	ENST00000527329	0,591778993
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,59170284

A_33_P3230926	AK127488	LOC100130429	uncharacterized LOC100130429		0,591600714
A_33_P3235706	BC048301	ZCCHC11	zinc finger, CCHC domain containing 11	ENST00000355809	0,591558138
A_23_P35316	NM_020394	ZNF695	zinc finger protein 695	ENST00000339986	0,591486852
A_21_P0005943	TCONS_00015327	XLOC_006878			0,591375195
A_23_P111797	AL136837	DKFZP434F142	uncharacterized DKFZp434F142		0,591368004
A_21_P0005216	ENST00000448898	XLOC_005999		ENST00000448898	0,591363775
A_33_P3233841	NM_002184	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000523039	0,591257507
A_23_P112950	NM_018179	ATF7IP	activating transcription factor 7 interacting protein	ENST00000540793	0,5911466
A_33_P3812027	BC032033	LOC414300	uncharacterized LOC414300		0,591035502
A_32_P126229	NM_001190766	FLJ23152	uncharacterized LOC401236		0,59102241
A_21_P0000631	NR_034079	LOC643733	caspase 4, apoptosis-related cysteine peptidase pseudogen	ENST00000531091	0,59095978
A_33_P3377719	AK123839	LOC100129112	uncharacterized LOC100129112		0,590557902
A_23_P127079	NM_015062	PPRC1	peroxisome proliferator-activated receptor gamma, coactiv	ENST00000413464	0,590276522
A_21_P0000378	NR_003055	SNORD66	small nucleolar RNA, C/D box 66		0,590272005
A_33_P3218797	ENST00000370177	PPDPF	pancreatic progenitor cell differentiation and proliferation f	ENST00000370177	0,590217951
A_32_P202759	NM_177454	FAM171B	family with sequence similarity 171, member B	ENST00000272804	0,589869181
A_19_P00325336	XR_109771	LOC100506774	uncharacterized LOC100506774		0,589797373
A_23_P389897	NM_002507	NGFR	nerve growth factor receptor	ENST00000172229	0,589697299
A_21_P0013562	NR_036592	LOC100506710	endogenous Bornavirus-like nucleoprotein 2 pseudogene	ENST00000429493	0,589577609
A_21_P0011694	NR_038279	LOC100506930	uncharacterized LOC100506930	ENST00000412740	0,589549137
A_23_P106002	NM_020529	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000554001	0,589537522
A_23_P155376	NM_015513	CRELD1	cysteine-rich with EGF-like domains 1	ENST00000397170	0,589514697
A_23_P116249	NM_014619	GRIK4	glutamate receptor, ionotropic, kainate 4	ENST00000527524	0,589452225
A_21_P0005349	ENST00000421380	XLOC_005965		ENST00000421380	0,589426503
A_21_P0001616	TCONS_00001799	XLOC_001188			0,589196896
A_23_P8497	NM_000823	GHRHR	growth hormone releasing hormone receptor	ENST00000461424	0,589196198
A_24_P51855	NM_001947	DUSP7	dual specificity phosphatase 7	ENST00000296483	0,589053605
A_23_P120153	NM_173647	RNF149	ring finger protein 149	ENST00000295317	0,589050346
A_21_P0004259	ENST00000520762	XLOC_004412		ENST00000520762	0,589009781

A_33_P3262555	NM_001174118	MEX3D	mex-3 homolog D (C. elegans)	ENST00000388824	0,58895638
A_33_P3319860	NR_036467	IFFO1	intermediate filament family orphan 1	ENST00000487279	0,588924931
A_33_P3278033	NM_001004125	TUSC1	tumor suppressor candidate 1	ENST00000358022	0,588869152
A_23_P112950	NM_018179	ATF7IP	activating transcription factor 7 interacting protein	ENST00000540793	0,588851087
A_23_P119857	NM_001008237	TTC32	tetratricopeptide repeat domain 32	ENST00000495698	0,588719267
A_23_P307392	AK024141	DPF3	D4, zinc and double PHD fingers, family 3	ENST00000540281	0,588661545
A_23_P316472	NM_144666	DNHD1	dynein heavy chain domain 1	ENST00000254579	0,588578857
A_21_P0000252	NR_002450	SNORD68	small nucleolar RNA, C/D box 68	ENST00000487034	0,588516526
A_21_P0013621	THC2620084	XLOC_I2_015121			0,588433236
A_23_P119857	NM_001008237	TTC32	tetratricopeptide repeat domain 32	ENST00000495698	0,588431911
A_33_P3357490	NM_001009565	CDKL4	cyclin-dependent kinase-like 4	ENST00000378803	0,588378448
A_21_P0006990	TCONS_00018496	XLOC_008802			0,588321324
A_23_P94494	NM_007005	TLE4	transducin-like enhancer of split 4 (E(sp1) homolog, Drosop	ENST00000376534	0,588200365
A_23_P327483	NM_019073	SPATA6	spermatogenesis associated 6	ENST00000396199	0,588066126
A_33_P3210228	ENST00000375947	ZCCHC6	zinc finger, CCHC domain containing 6	ENST00000375947	0,587949909
A_33_P3410895	ENST00000421059	POR	P450 (cytochrome) oxidoreductase	ENST00000421059	0,587860783
A_33_P3365747	NR_026999	LINC00265	long intergenic non-protein coding RNA 265		0,587831554
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,587809866
A_24_P117942	NM_207377	TOMM20L	translocase of outer mitochondrial membrane 20 homolog	ENST00000557754	0,587596266
A_23_P31376	NM_018334	LRRN3	leucine rich repeat neuronal 3	ENST00000308478	0,587583911
A_33_P3214948	NM_014767	SPOCK2	sparc/osteonectin, cwcv and kazal-like domains proteoglyca	ENST00000373109	0,587567351
A_23_P106002	NM_020529	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000554001	0,58752934
A_33_P3807268	NR_033424	DNAJA1P5	DnaJ (Hsp40) homolog, subfamily A, member 1 pseudogene 5		0,587467838
A_32_P71788	NM_002014	FKBP4	FK506 binding protein 4, 59kDa	ENST00000543037	0,587442293
A_23_P50217	NM_024833	ZNF671	zinc finger protein 671	ENST00000317398	0,587439466
A_33_P3809606	AK127576	FLJ45671	uncharacterized LOC400212		0,587398442
A_33_P3299421	NM_020880	ZNF530	zinc finger protein 530	ENST00000332854	0,587370931
A_19_P00806473	ENST00000443965	Q49AT5		ENST00000443965	0,587252369
A_24_P65060	NM_032246	MEX3B	mex-3 homolog B (C. elegans)	ENST00000329713	0,587216353

A_23_P383132	NM_015094	HIC2	hypermethylated in cancer 2	ENST00000443632	0,587018559
A_21_P0002744	BC044922	XLOC_002672			0,58700509
A_33_P3223678	NM_014564	LHX3	LIM homeobox 3	ENST00000325195	0,586971971
A_23_P39116	NM_000234	LIG1	ligase I, DNA, ATP-dependent	ENST00000544761	0,586946491
A_24_P37712	NM_003215	TEC	tec protein tyrosine kinase	ENST00000381501	0,58687979
A_23_P106042	NM_001037288	CMTM5	CKLF-like MARVEL transmembrane domain containing 5	ENST00000553750	0,586839529
A_21_P0011343	TCONS_I2_0000887	XLOC_I2_004817			0,586816116
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,586615373
A_23_P101131	NM_002091	GRP	gastrin-releasing peptide	ENST00000256857	0,586570682
A_21_P0010262	ENST00000417820	XLOC_013973		ENST00000417820	0,586564876
A_33_P3251932	NM_207002	BCL2L11	BCL2-like 11 (apoptosis facilitator)	ENST00000337565	0,586408041
A_23_P156683	NM_000595	LTA	lymphotoxin alpha (TNF superfamily, member 1)	ENST00000383303	0,586326721
A_23_P119196	NM_016270	KLF2	Kruppel-like factor 2 (lung)	ENST00000248071	0,586249739
A_21_P0001154	ENST00000414039	XLOC_000920		ENST00000414039	0,586238312
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,586221174
A_23_P111724	NM_138290	RUNDC3B	RUN domain containing 3B	ENST00000493037	0,586195127
A_33_P3251430	NM_003489	NRIP1	nuclear receptor interacting protein 1	ENST00000318948	0,586074897
A_23_P112950	NM_018179	ATF7IP	activating transcription factor 7 interacting protein	ENST00000540793	0,58597788
A_23_P89780	NM_198129	LAMA3	laminin, alpha 3	ENST00000416669	0,585923416
A_33_P3361701	NM_001127320	UBAP2L	ubiquitin associated protein 2-like	ENST00000465855	0,585922816
A_21_P0005640	TCONS_00014570	XLOC_006680			0,585914459
A_23_P111865	NM_145914	ZSCAN21	zinc finger and SCAN domain containing 21	ENST00000292450	0,585889261
A_23_P115161	NM_002036	DARC	Duffy blood group, chemokine receptor	ENST00000435307	0,585886643
A_23_P151851	NM_014080	DUOX2	dual oxidase 2	ENST00000389039	0,585798151
A_33_P3709317	NR_002964	SNORA28	small nucleolar RNA, H/ACA box 28		0,585721861
A_33_P3300346	NM_001014283	DCUN1D2	DCN1, defective in cullin neddylation 1, domain containing	ENST00000375399	0,585640349
A_23_P119857	NM_001008237	TTC32	tetratricopeptide repeat domain 32	ENST00000495698	0,585529611
A_21_P0000035	NM_001162900	TMEM217	transmembrane protein 217	ENST00000482580	0,585431647
A_21_P0011874	EL584821	XLOC_I2_007767			0,585225704

A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,585216906
A_33_P3374463	NM_001242336	MFAP3	microfibrillar-associated protein 3	ENST00000322602	0,585156339
A_23_P119857	NM_001008237	TTC32	tetratricopeptide repeat domain 32	ENST00000495698	0,585142893
A_23_P103837	NM_001127320	UBAP2L	ubiquitin associated protein 2-like	ENST00000475373	0,584983967
A_33_P3424328	ENST00000229824	RAB44	RAB44, member RAS oncogene family	ENST00000229824	0,584981635
A_23_P92642	NM_024668	ANKHD1	ankyrin repeat and KH domain containing 1	ENST00000394723	0,584967584
A_24_P214598	NM_152542	PPM1K	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1K	ENST00000506423	0,584922457
A_23_P106002	NM_020529	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000554001	0,584913294
A_23_P214587	NM_003449	TRIM26	tripartite motif containing 26	ENST00000327357	0,584902608
A_23_P120153	NM_173647	RNF149	ring finger protein 149	ENST00000295317	0,584850625
A_21_P0003228	AI796562	XLOC_002647			0,584849454
A_21_P0014437	XR_109797	LOC100505930	uncharacterized LOC100505930		0,584675797
A_24_P268993	NM_052971	LEAP2	liver expressed antimicrobial peptide 2	ENST00000485457	0,584636938
A_33_P3321611	NM_001048183	PHACTR4	phosphatase and actin regulator 4	ENST00000463428	0,584524403
A_24_P57898	NM_080606	BHLHE23	basic helix-loop-helix family, member e23	ENST00000370346	0,584152186
A_23_P37127	NM_004496	FOXA1	forkhead box A1	ENST00000250448	0,583992012
A_33_P3226407	XR_132886	LOC729732	uncharacterized LOC729732		0,58387048
A_21_P0000263	NR_002576	SNORA21	small nucleolar RNA, H/ACA box 21		0,58355603
A_33_P3220152	NM_014963	SBNO2	strawberry notch homolog 2 (Drosophila)	ENST00000250872	0,583488975
A_21_P0013244	NM_001102594	DTX2	deltex homolog 2 (Drosophila)	ENST00000456590	0,583478421
A_23_P162589	NM_001017535	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	ENST00000229022	0,58323879
A_33_P3388147	NM_001166694	CHRNA3	cholinergic receptor, nicotinic, alpha 3	ENST00000348639	0,583157941
A_33_P3293403	NM_001099279	FOXD4L2	forkhead box D4-like 2	ENST00000377413	0,583117145
A_33_P3342802	AK091259	LOC649294	uncharacterized LOC649294		0,583066972
A_23_P106002	NM_020529	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000554001	0,582756562
A_23_P200772	NM_201269	ZNF644	zinc finger protein 644	ENST00000337393	0,582682093
A_33_P3278877	NM_002942	ROBO2	roundabout, axon guidance receptor, homolog 2 (Drosophil	ENST00000398467	0,582624728
A_33_P3421325	NM_001001662	ZNF782	zinc finger protein 782	ENST00000478850	0,582308467
A_21_P0014494	XR_110082	LOC100507619	uncharacterized LOC100507619	ENST00000505151	0,582136355

A_23_P353316	NM_020429	SMURF1	SMAD specific E3 ubiquitin protein ligase 1	ENST00000361125	0,58212724
A_23_P208325	NM_004234	ZNF235	zinc finger protein 235	ENST00000291182	0,58206246
A_23_P120153	NM_173647	RNF149	ring finger protein 149	ENST00000295317	0,582016783
A_33_P3219840	NR_026751	ZNRD1-AS1	ZNRD1 antisense RNA 1 (non-protein coding)	ENST00000413935	0,581881699
A_21_P0002169	TCONS_00003571	XLOC_001342			0,581728113
A_21_P0003211	ENST00000512335	XLOC_003406		ENST00000512335	0,581630194
A_21_P0011487	THC2630320	XLOC_I2_005517			0,581583919
A_23_P106002	NM_020529	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000554001	0,581541954
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,581526949
A_32_P46191	NM_001159522	ZNF727	zinc finger protein 727	ENST00000550760	0,581478582
A_21_P0004714	BX088681	XLOC_005564			0,581405723
A_24_P401830	NR_034182	LOC100129196	uncharacterized LOC100129196	ENST00000414532	0,581033363
A_23_P393401	NR_003610	PDXDC2P	pyridoxal-dependent decarboxylase domain containing 2, p	ENST00000531894	0,580965667
A_23_P127352	NM_198923	MRGPRD	MAS-related GPR, member D	ENST00000309106	0,580963132
A_21_P0010636	TCONS_I2_00001394	XLOC_I2_001011			0,580961296
A_21_P0000135	NM_024668	ANKHD1	ankyrin repeat and KH domain containing 1	ENST00000394723	0,580756634
A_21_P0009781	GU357550	XLOC_012981			0,580749044
A_33_P3209005	AK097159	ZNF673	zinc finger family member 673		0,580683542
A_21_P0007252	TCONS_00019425	XLOC_009243			0,580587226
A_24_P691775	NR_037596	FLJ14186	uncharacterized LOC401149		0,580354357
A_33_P3305625	AK124509	LOC100131015	uncharacterized LOC100131015		0,580236987
A_23_P2294	NM_033647	HELB	helicase (DNA) B	ENST00000440906	0,58016496
A_23_P149419	NM_022078	GPATCH3	G patch domain containing 3	ENST00000536641	0,580152788
A_23_P106002	NM_020529	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000554001	0,580073757
A_33_P3407339	NM_206921	C6orf204	chromosome 6 open reading frame 204	ENST00000392500	0,580022295
A_21_P0008926	THC2772690	XLOC_011704			0,579936714
A_23_P322845	NM_001102559	PPAPDC1B	phosphatidic acid phosphatase type 2 domain containing 1E	ENST00000424479	0,57986788
A_33_P3216458	NM_003812	ADAM23	ADAM metallopeptidase domain 23	ENST00000374416	0,579857763
A_24_P384397	NM_133452	RAVER1	ribonucleoprotein, PTB-binding 1	ENST00000331131	0,57975145

A_23_P50508	NM_003706	PLA2G4C	phospholipase A2, group IVC (cytosolic, calcium-independent)	ENST00000354276	0,579742935
A_33_P3387756	NM_001007125	C20orf201	chromosome 20 open reading frame 201	ENST00000308906	0,579628269
A_23_P63153	NM_007204	DDX20	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20	ENST00000369702	0,579465677
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,579462755
A_33_P3244083	NM_015254	KIF13B	kinesin family member 13B	ENST00000523968	0,579319862
A_23_P200801	NM_001002811	PDE4DIP	phosphodiesterase 4D interacting protein	ENST00000313431	0,57916602
A_21_P0011373	NR_040058	LOC100505648	uncharacterized LOC100505648		0,579076433
A_21_P0014271	XR_109062	LOC100506258	uncharacterized LOC100506258		0,578972078
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,578921751
A_23_P130836	NM_005317	GZMM	granzyme M (lymphocyte met-ase 1)	ENST00000264553	0,578871541
A_21_P0007412	TCONS_00019784	XLOC_009582			0,578755097
A_23_P405216	NM_001145083	ZNF619	zinc finger protein 619	ENST00000314686	0,578702913
A_21_P0000161	NM_001204911	C16orf57	chromosome 16 open reading frame 57		0,578651144
A_33_P3287078	NM_022482	GZF1	GDNF-inducible zinc finger protein 1	ENST00000544236	0,57858543
A_21_P0004025	TCONS_00009445	XLOC_004456			0,578476052
A_21_P0003212	AK126102	XLOC_003406			0,578427766
A_33_P3382944	NM_198537	YJEFN3	YjeF N-terminal domain containing 3	ENST00000397179	0,578194854
A_24_P356601	NM_006460	HEXIM1	hexamethylene bis-acetamide inducible 1	ENST00000332499	0,578027216
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,57784024
A_23_P114349	NM_130776	XAGE3	X antigen family, member 3	ENST00000346279	0,57754926
A_33_P3365870	NM_001143888	BSDC1	BSD domain containing 1	ENST00000325745	0,577377907
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,57735661
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,577322331
A_21_P0000807	NR_038447	LOC100130231	uncharacterized LOC100130231		0,577290324
A_23_P94762	NM_058230	ZNF354B	zinc finger protein 354B	ENST00000322434	0,577241146
A_21_P0000143	NM_001199011	DCTN5	dynactin 5 (p25)		0,577221921
A_19_P00322291	NR_036444	LOC400550	uncharacterized LOC400550		0,577196635
A_23_P70409	NM_203290	POLR1C	polymerase (RNA) I polypeptide C, 30kDa	ENST00000488601	0,577186642
A_23_P52885	NM_024631	C11orf61	chromosome 11 open reading frame 61	ENST00000526629	0,577146446

A_19_P00318883	NR_038361	LOC100505854	uncharacterized LOC100505854		0,577081594
A_23_P400603	NR_015363	MGC21881	uncharacterized locus MGC21881	ENST00000450704	0,577068012
A_21_P0005565	DB461521	XLOC_006132			0,577031003
A_23_P34757	NM_018040	GPATCH2	G patch domain containing 2	ENST00000366935	0,576958332
A_23_P106002	NM_020529	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000554001	0,576818495
A_21_P0013961	ENST00000456890	LOC100506447	uncharacterized protein LOC100506447	ENST00000456890	0,576655257
A_21_P0000206	NR_000006	SNORD21	small nucleolar RNA, C/D box 21	ENST00000497519	0,576455035
A_33_P3232624	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000446912	0,576345091
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,576244371
A_21_P0000472	NR_003701	SNORD58C	small nucleolar RNA, C/D box 58C		0,576211101
A_24_P19268	NM_182515	ZNF714	zinc finger protein 714	ENST00000343332	0,576112838
A_19_P00318280	XR_108813	LOC100506860			0,576089051
A_23_P95736	NM_001001415	ZNF429	zinc finger protein 429	ENST00000358491	0,576088141
A_19_P00319007	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000426529	0,576083041
A_33_P3382267	NM_014866	SEC16A	SEC16 homolog A (<i>S. cerevisiae</i>)	ENST00000404925	0,576081143
A_23_P6223	NM_020706	SCAF4	SR-related CTD-associated factor 4	ENST00000286835	0,575991184
A_33_P3288649	NM_018951	HOXA10	homeobox A10	ENST00000381834	0,575987866
A_23_P166421	NM_031937	TBC1D10A	TBC1 domain family, member 10A	ENST00000433426	0,57598539
A_23_P5460	NM_017521	FEV	FEV (ETS oncogene family)	ENST00000295727	0,575966418
A_21_P0010483	BC037213	LOC100271722	uncharacterized LOC100271722		0,57591462
A_21_P0001931	AK027541	XLOC_001728			0,575667765
A_21_P0012103	ENST00000417006	XLOC_I2_008405		ENST00000417006	0,57565157
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (<i>Drosophila</i>)	ENST00000356721	0,57563436
A_33_P3413404	AK309987	PARVB	parvin, beta	ENST00000402876	0,575330989
A_33_P3407105	NM_017798	YTHDF1	YTH domain family, member 1	ENST00000342761	0,575320724
A_33_P3367899	NM_005479	FRAT1	frequently rearranged in advanced T-cell lymphomas	ENST00000371021	0,575233038
A_19_P00318191	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000434399	0,575129976
A_24_P289273	ENST00000372092	RGR	retinal G protein coupled receptor	ENST00000372092	0,575107152
A_33_P3344492	NR_002997	SCARNA1	small Cajal body-specific RNA 1		0,574812925

A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,574447347
A_33_P3724157	NM_198440	DERL3	Der1-like domain family, member 3	ENST00000290730	0,574261831
A_23_P120153	NM_173647	RNF149	ring finger protein 149	ENST00000295317	0,574231529
A_23_P25121	NM_016594	FKBP11	FK506 binding protein 11, 19 kDa	ENST00000256680	0,574041522
A_33_P3245674	ENST00000500161	ZNF329	zinc finger protein 329	ENST00000500161	0,573954563
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,573735953
A_23_P108699	NM_000145	FSHR	follicle stimulating hormone receptor	ENST00000541117	0,573615984
A_33_P3316310	NM_182501	MTERFD2	MTERF domain containing 2	ENST00000475860	0,573544507
A_23_P218317	NM_001038618	NARF	nuclear prelamin A recognition factor	ENST00000457415	0,573521845
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,573335467
A_23_P373799	NM_020943	CWC22	CWC22 spliceosome-associated protein homolog (<i>S. cerevisiae</i>)	ENST00000295749	0,573267726
A_21_P0012910	ENST00000463434	XLOC_I2_012081		ENST00000463434	0,57319813
A_33_P3238777	NR_028324	FLJ45445	uncharacterized LOC399844	ENST00000425496	0,572987126
A_33_P3803667	AK095441	FLJ38122	uncharacterized LOC401289		0,572932824
A_21_P0008747	TCONS_00023697	XLOC_011502			0,572915572
A_24_P218006	NM_032317	DNAJC30	DnaJ (Hsp40) homolog, subfamily C, member 30		0,57282728
A_21_P0009371	TCONS_00025785	XLOC_012594			0,572754255
A_33_P3244882	NM_024852	EIF2C3	eukaryotic translation initiation factor 2C, 3	ENST00000324350	0,57274725
A_24_P391991	NR_028347	FAM183B	acyloxyacyl hydrolase (neutrophil)	ENST00000409072	0,572610273
A_23_P119196	NM_016270	KLF2	Kruppel-like factor 2 (lung)	ENST00000248071	0,572529683
A_23_P64243	NM_006760	UPK2	uroplakin 2	ENST00000264031	0,572458013
A_21_P0000385	NR_003069	SNORD88C	small nucleolar RNA, C/D box 88C		0,572432647
A_33_P3389917	NM_000254	MTR	5-methyltetrahydrofolate-homocysteine methyltransferase	ENST00000366577	0,572413751
A_33_P3270172	NR_027022	LOC127841	uncharacterized LOC127841		0,572342194
A_33_P3264444	ENST00000482292	PFDN6	prefoldin subunit 6	ENST00000482292	0,572297541
A_24_P127075	NM_022918	TMEM135	transmembrane protein 135	ENST00000529023	0,572297523
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,572295214
A_32_P144908	NM_203282	ZNF254	zinc finger protein 254	ENST00000357002	0,572205358
A_32_P71447	NM_015261	NCAPD3	non-SMC condensin II complex, subunit D3	ENST00000534548	0,57210759

A_21_P0009023	BI055436	XLOC_011924			0,571883034
A_23_P102391	NM_014585	SLC40A1	solute carrier family 40 (iron-regulated transporter), memb	ENST00000544056	0,571766631
A_21_P0000312	NR_002956	SNORA14B	small nucleolar RNA, H/ACA box 14B		0,571671441
A_23_P120153	NM_173647	RNF149	ring finger protein 149	ENST00000295317	0,571468184
A_21_P0008996	THC2669746	XLOC_011827			0,57130504
A_23_P424561	NM_133639	RHOV	ras homolog gene family, member V	ENST00000220507	0,571205538
A_33_P3303176	NM_001164377	MRGPRG	MAS-related GPR, member G	ENST00000332314	0,57118645
A_33_P3692979	AK093862	LOC283485	uncharacterized LOC283485		0,571064981
A_33_P3329098	NM_004906	WTAP	Wilms tumor 1 associated protein	ENST00000358372	0,571034416
A_21_P0002165	TCONS_00003563	XLOC_001338			0,571010115
A_23_P419239	NM_018638	ETNK1	ethanolamine kinase 1	ENST00000544191	0,570981632
A_33_P3350202	NM_014484	MOCS3	molybdenum cofactor synthesis 3	ENST00000244051	0,570860552
A_33_P3274009	AK124556	LOC100132966	uncharacterized LOC100132966		0,570803369
A_21_P0014894	XR_132878	LOC100652757	uncharacterized LOC100652757		0,570782177
A_33_P3321369	XR_109231	LOC145757	uncharacterized LOC145757		0,570747513
A_24_P203953	BC037281	LOC439951	uncharacterized LOC439951		0,570689994
A_21_P0014042	NM_001135844	SIRPB1	signal-regulatory protein beta 1	ENST00000381596	0,570665403
A_23_P324718	NM_203446	SYNJ1	synaptojanin 1	ENST00000382499	0,570528251
A_21_P0000398	NR_003140	SNORD117	small nucleolar RNA, C/D box 117		0,57047596
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,570384471
A_23_P56833	NM_016115	ASB3	ankyrin repeat and SOCS box containing 3	ENST00000470707	0,570374582
A_21_P0001601	TCONS_00001757	XLOC_001125			0,570372601
A_33_P3323902	NM_001037804	DEFB130	defensin, beta 130	ENST00000528518	0,570327203
A_32_P163247	NM_001768	CD8A	CD8a molecule	ENST00000409511	0,570323012
A_23_P120153	NM_173647	RNF149	ring finger protein 149	ENST00000295317	0,570230842
A_33_P3346302	NM_018449	UBAP2	ubiquitin associated protein 2	ENST00000351580	0,570169216
A_19_P00317242	XM_001716361	LOC388210	apolipoporphorins-like		0,570144972
A_33_P3306287	NM_024086	METTL16	methyltransferase like 16	ENST00000399834	0,570122282
A_24_P408603	NM_171998	RAB39B	RAB39B, member RAS oncogene family	ENST00000369454	0,569947724

A_21_P0007318	NR_033972	LOC440028	uncharacterized LOC440028		0,569916052
A_23_P162918	NM_001085	SERPINA3	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase,	ENST00000555820	0,569843929
A_21_P0000707	NM_152644	FAM24B	family with sequence similarity 24, member B	ENST00000368896	0,569800495
A_33_P3212500	AK127934	LOC100129060	uncharacterized LOC100129060		0,569666604
A_21_P0014848	ENST00000515591	TMEM165	transmembrane protein 165	ENST00000515591	0,569598059
A_32_P472875	XR_132735	LOC100132234	uncharacterized LOC100132234		0,569528497
A_24_P355720	NM_002007	FGF4	fibroblast growth factor 4	ENST00000168712	0,569476304
A_23_P120153	NM_173647	RNF149	ring finger protein 149	ENST00000295317	0,569440499
A_23_P339687	NM_138330	ZNF675	zinc finger protein 675	ENST00000359788	0,569372341
A_23_P167920	NM_005618	DLL1	delta-like 1 (Drosophila)	ENST00000366756	0,569345264
A_33_P3357600	NM_006458	TRIM3	tripartite motif containing 3	ENST00000336043	0,569155858
A_21_P0000109	ENST00000544932	MTRNR2L9		ENST00000544932	0,569082368
A_33_P3812815	NM_000296	PKD1	polycystic kidney disease 1 (autosomal dominant)	ENST00000537889	0,568916066
A_24_P132813	NM_001040103	OPALIN	oligodendrocytic myelin paranodal and inner loop protein	ENST00000419479	0,568765065
A_21_P0000558	NR_028308	LOC100302650	uncharacterized LOC100302650		0,568747702
A_23_P45851	NM_033055	HIAT1	hippocampus abundant transcript 1	ENST00000370152	0,568739933
A_32_P122402	NR_026792	LOC441455	makorin ring finger protein 1 pseudogene		0,568635279
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,568581028
A_32_P142881	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinase	ENST00000378955	0,568565163
A_21_P0000329	NR_002974	SNORA42	small nucleolar RNA, H/ACA box 42		0,568552525
A_23_P168629	NM_018077	RBM28	RNA binding motif protein 28	ENST00000481788	0,56844945
A_23_P111919	NM_013357	PURG	purine-rich element binding protein G	ENST00000475541	0,568126985
A_23_P112412	NM_017746	TEX10	testis expressed 10	ENST00000444730	0,56792032
A_33_P3350493	NM_207409	C6orf126	chromosome 6 open reading frame 126	ENST00000481904	0,567754144
A_21_P0001227	ENST00000438158	XLOC_001215		ENST00000438158	0,567751345
A_33_P3283616	NM_002351	SH2D1A	SH2 domain containing 1A	ENST00000360027	0,567659495
A_23_P102391	NM_014585	SLC40A1	solute carrier family 40 (iron-regulated transporter), member 1	ENST00000544056	0,567649209
A_21_P0010674	TCONS_I2_0000180	XLOC_I2_001332			0,567607821
A_23_P90172	NM_014330	PPP1R15A	protein phosphatase 1, regulatory subunit 15A	ENST00000544084	0,567498947

A_33_P3235213	NM_173799	TIGIT	T cell immunoreceptor with Ig and ITIM domains	ENST00000485814	0,56747753
A_21_P0013187	ENST00000457000	XLOC_I2_013315		ENST00000457000	0,567477111
A_21_P0010318	TCONS_00029256	XLOC_014002			0,567420327
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,567250187
A_33_P3355266	NM_022164	TINAGL1	tubulointerstitial nephritis antigen-like 1	ENST00000481165	0,567230923
A_23_P32785	NM_173824	C3orf38	chromosome 3 open reading frame 38	ENST00000318887	0,567226879
A_33_P3266489	NM_001004486	OR13H1	olfactory receptor, family 13, subfamily H, member 1	ENST00000338616	0,567177379
A_23_P34142	NM_016303	WBP5	WW domain binding protein 5	ENST00000372656	0,567123344
A_33_P3406962	ENST00000532977	GATA4	GATA binding protein 4	ENST00000532977	0,56710402
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,567100969
A_19_P00806962	XR_109771	LOC100506774	uncharacterized LOC100506774		0,566991437
A_33_P3240727	NM_001080470	ZNF697	zinc finger protein 697	ENST00000421812	0,566958702
A_21_P0002056	ENST00000423539	XLOC_002122		ENST00000423539	0,566951632
A_24_P368943	NM_001989	EVX1	even-skipped homeobox 1	ENST00000496902	0,566897045
A_24_P29594	NM_006620	HBS1L	HBS1-like (<i>S. cerevisiae</i>)	ENST00000367837	0,566873689
A_21_P0014375	XR_109504	LOC100506523	uncharacterized LOC100506523		0,566791233
A_21_P0003114	XR_110050	LOC100506301	uncharacterized LOC100506301	ENST00000416124	0,566654964
A_23_P436138	NM_145114	MAX	MYC associated factor X	ENST00000246163	0,566605767
A_33_P3323392	XM_001716667	LOC731932	uncharacterized LOC731932		0,56659722
A_21_P0013791	ENST00000361381	ND4	NADH dehydrogenase, subunit 4 (complex I)	ENST00000361381	0,566504781
A_21_P0000359	NR_003018	SNORA71D	small nucleolar RNA, H/ACA box 71D		0,566490642
A_21_P0014747	ENST00000437898	LOC100652915		ENST00000437898	0,566401622
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,566344069
A_24_P185186	NM_174920	SAMD14	sterile alpha motif domain containing 14	ENST00000503131	0,566337673
A_33_P3308706	ENST00000525257	USP47	ubiquitin specific peptidase 47	ENST00000525257	0,56605575
A_33_P3315375	NM_001104587	SLFN11	schlafen family member 11	ENST00000394566	0,566027939
A_21_P0000942	ENST00000420406	XLOC_000021		ENST00000420406	0,565796368
A_24_P218814	NM_002905	RDH5	retinol dehydrogenase 5 (11-cis/9-cis)	ENST00000548123	0,565734936
A_23_P37415	NM_014701	SECISBP2L	SECIS binding protein 2-like	ENST00000380927	0,565654252

A_33_P3210916	ENST00000479868	SEC13	SEC13 homolog (S. cerevisiae)	ENST00000479868	0,565580502
A_21_P0000669	NM_024580	EFTUD1	elongation factor Tu GTP binding domain containing 1	ENST00000268206	0,565502493
A_23_P106002	NM_020529	NFKBIA	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000554001	0,565411793
A_33_P3404508	NM_001144027	NDOR1	NADPH dependent diflavin oxidoreductase 1	ENST00000344894	0,565384631
A_19_P00315716	NR_002911	SNORA71A		ENST00000439912	0,565223031
A_33_P3281552	NM_001034853	RPGR	retinitis pigmentosa GTPase regulator	ENST00000378505	0,565159424
A_33_P3371650	BC052561	STK17B	serine/threonine kinase 17b		0,565064223
A_23_P355439	NM_170745	HIST1H2AA	histone cluster 1, H2aa	ENST00000297012	0,565050643
A_21_P0008759	NM_024776	PEAK1	NKF3 kinase family member		0,564863714
A_33_P3349045	NM_001008699	IL4R	interleukin 4 receptor	ENST00000380925	0,564573312
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,564423136
A_23_P40956	NM_016362	GHRL	ghrelin/obestatin prepropeptide	ENST00000287656	0,564406196
A_33_P3313559	AK126336	ORMDL1	ORM1-like 1 (S. cerevisiae)	ENST00000409519	0,564398758
A_21_P0000608	NR_033865	CDRT15P2	CMT1A duplicated region transcript 15 pseudogene 2		0,56431611
A_21_P0003882	TCONS_00009003	XLOC_003849			0,564235631
A_23_P156218	NM_002104	GZMK	granzyme K (granzyme 3; tryptase II)	ENST00000231009	0,564185438
A_21_P0004097	BC030121	XLOC_004726		ENST00000514869	0,564068167
A_33_P3372526	ENST00000392214	MDH1B	malate dehydrogenase 1B, NAD (soluble)	ENST00000392214	0,563753993
A_32_P68148	NR_027130	ZNF738	zinc finger protein 738		0,563672955
A_33_P3260747	ENST00000373677	NHSL2	NHS-like 2	ENST00000373677	0,563610219
A_24_P267997	NM_015602	TOR1AIP1	torsin A interacting protein 1	ENST00000325993	0,563524643
A_23_P402331	NM_145652	WFDC5	WAP four-disulfide core domain 5	ENST00000372789	0,563351967
A_33_P3338152	ENST00000457865	HIF3A	hypoxia inducible factor 3, alpha subunit	ENST00000457865	0,563295754
A_23_P160226	NM_001039464	HEATR8	HEAT repeat containing 8	ENST00000421030	0,563204806
A_33_P3286739	ENST00000343281	N4BP2L1	NEDD4 binding protein 2-like 1	ENST00000343281	0,563187078
A_19_P00319226	NR_026867	ZNF300P1		ENST00000520773	0,563080144
A_23_P93082	NM_138459	NUS1	nuclear undecaprenyl pyrophosphate synthase 1 homolog (	ENST00000368494	0,563003975
A_33_P3332215	NM_001044392	MUC1	mucin 1, cell surface associated	ENST00000342482	0,562953999
A_23_P317056	ENST00000361681	ND6	NADH dehydrogenase, subunit 6 (complex I)	ENST00000361681	0,562924264

A_23_P128375	NM_032829	C12orf34	chromosome 12 open reading frame 34	ENST00000358906	0,562858378
A_23_P407992	NM_020825	CRAMP1L	Crm, cramped-like (Drosophila)	ENST00000436138	0,562787466
A_33_P3269134	ENST00000409725	IWS1	IWS1 homolog (S. cerevisiae)	ENST00000409725	0,562627047
A_23_P135857	NM_004836	EIF2AK3	eukaryotic translation initiation factor 2-alpha kinase 3	ENST00000303236	0,562605451
A_32_P405973	NM_020546	ADCY2	adenylate cyclase 2 (brain)	ENST00000338316	0,562585056
A_24_P942743	NM_003411	ZFY	zinc finger protein, Y-linked	ENST00000155093	0,562491954
A_23_P111395	NM_003058	SLC22A2	solute carrier family 22 (organic cation transporter), memb	ENST00000498556	0,562469586
A_21_P0001693	TCONS_00002090	XLOC_000294			0,562451089
A_21_P0011979	TCONS_I2_0001499(XLOC_I2_008352				0,562447384
A_23_P162589	NM_001017535	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	ENST00000229022	0,562371889
A_23_P53663	NM_002583	PAWR	PRKC, apoptosis, WT1, regulator	ENST00000548075	0,562236978
A_33_P3287661	AK126997	LOC100130430	uncharacterized LOC100130430		0,562225186
A_23_P162589	NM_001017535	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	ENST00000229022	0,562160718
A_23_P160336	NM_020997	LEFTY1	left-right determination factor 1	ENST00000272134	0,562158352
A_23_P120153	NM_173647	RNF149	ring finger protein 149	ENST00000295317	0,562063217
A_21_P0006478	TCONS_00017125	XLOC_007918			0,562018634
A_33_P3354955	NM_016649	ESF1	ESF1, nucleolar pre-rRNA processing protein, homolog (S. c	ENST00000202816	0,562014444
A_33_P3301221	AK128431	LOC100129110	uncharacterized LOC100129110		0,561990157
A_23_P337875	NM_001040202	PAQR3	progesterin and adipoQ receptor family member III	ENST00000508599	0,56187259
A_33_P3339231	NM_173569	UBN2	ubiquitin 2	ENST00000288561	0,561837592
A_23_P162589	NM_001017535	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	ENST00000229022	0,561694184
A_23_P67702	NM_003429	ZNF85	zinc finger protein 85	ENST00000345030	0,561519884
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,561463786
A_33_P3404824	NM_001172831	ZNF300	zinc finger protein 300	ENST00000394226	0,561391412
A_23_P132515	NM_017699	SIDT1	SID1 transmembrane family, member 1	ENST00000393830	0,561277136
A_23_P351342	NM_015164	PLEKHM2	pleckstrin homology domain containing, family M (with RUF	ENST00000477849	0,561256304
A_33_P3570974	BC043205	C8orf50	chromosome 8 open reading frame 50		0,561236675
A_23_P398770	NM_001130864	PWWP2A	PWWP domain containing 2A	ENST00000307063	0,561236516
A_24_P118489	NM_001080435	WHAMM	WAS protein homolog associated with actin, golgi membrar	ENST00000234505	0,561176665

A_21_P0003588	ENST00000478425	STIM2	stromal interaction molecule 2	ENST00000478425	0,561125539
A_32_P116323	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinase	ENST00000378955	0,561070718
A_33_P3732854	AY358215	OR9H1P	olfactory receptor, family 9, subfamily H, member 1 pseudogene		0,560955623
A_33_P3243449	NM_001252	CD70	CD70 molecule	ENST00000245903	0,560784822
A_23_P119857	NM_001008237	TTC32	tetratricopeptide repeat domain 32	ENST00000495698	0,560736731
A_33_P3283992	NM_024833	ZNF671	zinc finger protein 671	ENST00000335820	0,560735631
A_24_P229164	NM_003959	HIP1R	huntingtin interacting protein 1 related	ENST00000536617	0,560723786
A_21_P0010250	NR_024028	LINC00112	long intergenic non-protein coding RNA 112	ENST00000432830	0,560627611
A_21_P0009153	BC084573	XLOC_012452			0,56062745
A_21_P0005262	ENST00000420268	XLOC_006260		ENST00000420268	0,560625082
A_23_P162589	NM_001017535	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	ENST00000229022	0,560572379
A_23_P162589	NM_001017535	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	ENST00000229022	0,560482311
A_33_P3302676	ENST00000485159	TLE4	transducin-like enhancer of split 4 (E(sp1) homolog, Drosop	ENST00000485159	0,560347537
A_33_P3772937	AL133645	KRT8P12	keratin 8 pseudogene 12		0,560121306
A_21_P0011215	ENST00000423575	XLOC_I2_003897		ENST00000423575	0,560082692
A_33_P3379001	NM_133369	UNC5A	unc-5 homolog A (C. elegans)	ENST00000329542	0,560049958
A_23_P301340	NM_144679	C17orf56	chromosome 17 open reading frame 56	ENST00000374769	0,560040446
A_23_P120153	NM_173647	RNF149	ring finger protein 149	ENST00000295317	0,559852593
A_23_P11070	NM_032553	GPR174	G protein-coupled receptor 174	ENST00000276077	0,559804844
A_23_P335039	NM_133474	ZNF721	zinc finger protein 721	ENST00000338977	0,5597781
A_24_P228579	NM_024120	C20orf7	chromosome 20 open reading frame 7	ENST00000463598	0,559773717
A_33_P3318444	NM_001146684	RNF222	ring finger protein 222	ENST00000399398	0,559710491
A_21_P0011573	TCONS_I2_0001112	XLOC_I2_006013			0,559704758
A_32_P489130	NM_153252	BRWD3	bromodomain and WD repeat domain containing 3	ENST00000373275	0,559583802
A_32_P139738	NR_002827	HERC2P4	hect domain and RLD 2 pseudogene 4		0,559457061
A_21_P0010926	ENST00000438082	XLOC_I2_001667		ENST00000438082	0,559452199
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,559237276
A_33_P3255755	AK123337	CROCCP2	ciliary rootlet coiled-coil, rootletin pseudogene 2		0,559213733
A_23_P170820	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)	ENST00000440538	0,559109376

A_23_P114353	NM_032946	NXF5	nuclear RNA export factor 5	ENST00000263032	0,558888744
A_24_P292470	NM_022803	UCP3	uncoupling protein 3 (mitochondrial, proton carrier)	ENST00000426995	0,558853811
A_23_P80162	NM_032405	TMPRSS3	transmembrane protease, serine 3	ENST00000478680	0,558786265
A_23_P162589	NM_001017535	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	ENST00000229022	0,55871586
A_33_P3237567	ENST00000464610	HLA-A	major histocompatibility complex, class I, A	ENST00000464610	0,558628687
A_21_P0010794	ENST00000411733	XLOC_I2_001399		ENST00000411733	0,558621714
A_24_P400473	NM_014655	SLC25A44	solute carrier family 25, member 44	ENST00000469537	0,558615611
A_21_P0010507	ENST00000424215	XLOC_I2_000033		ENST00000424215	0,558490866
A_33_P3312182	NM_153256	C10orf47	chromosome 10 open reading frame 47	ENST00000379208	0,558469187
A_33_P3358243	NM_020702	KIAA1161	KIAA1161	ENST00000297625	0,55844992
A_23_P162589	NM_001017535	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	ENST00000229022	0,558445116
A_33_P3299781	ENST00000380201	DDRGK1	DDRGK domain containing 1	ENST00000380201	0,558425386
A_33_P3708413	NM_003480	MFAP5	microfibrillar associated protein 5	ENST00000540087	0,558324253
A_33_P3401317	NM_001145442	POTEM	POTE ankyrin domain family, member M	ENST00000409832	0,558043488
A_21_P0001949	ENST00000447194	XLOC_001795		ENST00000447194	0,557927601
A_33_P3270429	ENST00000383773	NR1D2	nuclear receptor subfamily 1, group D, member 2	ENST00000383773	0,557870005
A_33_P3347437	NR_033830	FLJ39080	uncharacterized LOC441355	ENST00000523118	0,557843389
A_21_P0001893	ENST00000452037	XLOC_001609		ENST00000452037	0,557840447
A_21_P0003243	THC2496390	XLOC_002730			0,557739645
A_21_P0014000	NM_006737	KIR3DL2	killer cell immunoglobulin-like receptor, three domains, low	ENST00000402254	0,557635776
A_33_P3418130	NM_145052	UPRT	uracil phosphoribosyltransferase (FUR1) homolog (S. cerevisiae)	ENST00000373373	0,557588695
A_23_P113462	NM_017641	KIF21A	kinesin family member 21A	ENST00000395670	0,557520483
A_33_P3382143	NM_001243466	STARD13	StAR-related lipid transfer (START) domain containing 13	ENST00000399364	0,557519446
A_33_P3361584	AK126579	LOC100130930	uncharacterized LOC100130930		0,557387811
A_33_P3261695	NM_001195082	TEX22	testis expressed 22	ENST00000548638	0,557330334
A_23_P122615	NM_032870	PNISR	PNN-interacting serine/arginine-rich protein	ENST00000438806	0,557257887
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,557194656
A_33_P3385765	NM_001012753	ZNF763	zinc finger protein 763		0,557088559
A_23_P425116	NM_016512	SPAG11B	sperm associated antigen 11B	ENST00000528168	0,556872877

A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,556840827
A_33_P3329592	NM_212550	BLOC1S3	biogenesis of lysosomal organelles complex-1, subunit 3	ENST00000433642	0,556785408
A_23_P78438	NM_018255	ELP2	elongation protein 2 homolog (S. cerevisiae)	ENST00000544274	0,556767052
A_23_P431853	ENST00000361453	ND2	MTND2	ENST00000361453	0,556448958
A_23_P119857	NM_001008237	TTC32	tetratricopeptide repeat domain 32	ENST00000495698	0,556374509
A_21_P0004245	ENST00000508795	ZNF131	zinc finger protein 131	ENST00000508795	0,556272266
A_21_P0010239	ENST00000422473	XLOC_013931		ENST00000422473	0,556242711
A_23_P52531	NM_152644	FAM24B	family with sequence similarity 24, member B	ENST00000368896	0,556207751
A_21_P0005219	ENST00000442800	XLOC_006035		ENST00000442800	0,556182312
A_33_P3262118	ENST00000314174	LUZP1	leucine zipper protein 1	ENST00000314174	0,556115293
A_32_P219148	BC030211	LOC497257	uncharacterized LOC497257		0,556107012
A_21_P0010284	TCONS_00029142	XLOC_014082			0,556074145
A_33_P3371752	ENST00000371727	EPS15	epidermal growth factor receptor pathway substrate 15	ENST00000371727	0,556006974
A_23_P217098	NM_033305	VPS13A	vacuolar protein sorting 13 homolog A (S. cerevisiae)	ENST00000376636	0,55599214
A_23_P102391	NM_014585	SLC40A1	solute carrier family 40 (iron-regulated transporter), memb	ENST00000544056	0,555952397
A_21_P0014704	XR_112198	LOC100509671	uncharacterized LOC100509671		0,555951866
A_33_P3424267	NM_001083601	NAA60	N(alpha)-acetyltransferase 60, NatF catalytic subunit	ENST00000360862	0,555921657
A_33_P3559138	AK124194	FLJ42200	FLJ42200 protein		0,555772039
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,555698337
A_33_P3877728	BX647090	SMCR6	Smith-Magenis syndrome chromosome region, candidate 6		0,555647563
A_33_P3409467	NM_000160	GCGR	glucagon receptor	ENST00000400723	0,555646649
A_23_P102391	NM_014585	SLC40A1	solute carrier family 40 (iron-regulated transporter), memb	ENST00000544056	0,55564603
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	0,555616712
A_21_P0006320	ENST00000414976	XLOC_007857		ENST00000414976	0,555604247
A_23_P31739	NM_030795	STMN4	stathmin-like 4	ENST00000265770	0,555174161
A_21_P0013266	BQ926105	XLOC_I2_013594			0,555107499
A_33_P3256894	NM_001169107	FAM21C	family with sequence similarity 21, member C	ENST00000434114	0,555052435
A_21_P0009474	TCONS_00026326	XLOC_012666			0,555041522
A_33_P3317553	NR_036650	LOC100288615	WAS protein homolog associated with actin, golgi membranes and microtubules p		0,554929488

A_33_P3293645	XR_133104	HYDIN2	hydrocephalus inducing homolog 2 (mouse)		0,554890272
A_23_P111811	NM_019071	ING3	inhibitor of growth family, member 3	ENST00000427726	0,554791361
A_21_P0009216	TCONS_00025294	XLOC_012099			0,554725392
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,554644104
A_19_P00320434	AK027541	XLOC_001728	0		0,554536214
A_21_P0001279	TCONS_00000879	XLOC_000118			0,554385459
A_21_P0001454	TCONS_00001367	XLOC_000667			0,554312015
A_23_P102391	NM_014585	SLC40A1	solute carrier family 40 (iron-regulated transporter), member 1	ENST00000544056	0,554083418
A_32_P93852	NM_138369	BOD1	biorientation of chromosomes in cell division 1	ENST00000285908	0,554079482
A_33_P3236441	NM_144972	LDHAL6A	lactate dehydrogenase A-like 6A	ENST00000396213	0,55397556
A_23_P205738	NM_138576	BCL11B	B-cell CLL/lymphoma 11B (zinc finger protein)	ENST00000345514	0,553947113
A_21_P0011558	ENST00000434427	XLOC_I2_005916		ENST00000434427	0,553938981
A_21_P0001041	THC2664620	XLOC_000505			0,55392629
A_23_P92424	NM_020368	UTP3	UTP3, small subunit (SSU) processome component, homolog 1	ENST00000254803	0,553754993
A_21_P0009382	AB593144	XLOC_012142			0,553744577
A_33_P3282963	ENST00000377259	TJP2	tight junction protein 2 (zona occludens 2)	ENST00000377259	0,553616642
A_23_P217637	NM_004085	TIMM8A	translocase of inner mitochondrial membrane 8 homolog A	ENST00000372902	0,553549085
A_23_P215048	NM_014702	KIAA0408	KIAA0408	ENST00000368281	0,553497459
A_33_P3317282	NM_138459	NUS1	nuclear undecaprenyl pyrophosphate synthase 1 homolog (	ENST00000368494	0,553409366
A_19_P00320120	NR_002323	TUG1			0,553260858
A_23_P6293	NM_018961	UBASH3A	ubiquitin associated and SH3 domain containing A	ENST00000473381	0,55324745
A_23_P102391	NM_014585	SLC40A1	solute carrier family 40 (iron-regulated transporter), member 1	ENST00000544056	0,553173228
A_21_P0001457	ENST00000449154	XLOC_000676		ENST00000449154	0,553173217
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,55313107
A_33_P3271261	NM_006181	NTN3	netrin 3	ENST00000293973	0,553097861
A_21_P0011296	THC2569926	XLOC_I2_004594			0,553059124
A_21_P0000215	NR_000015	SNORD55	small nucleolar RNA, C/D box 55	ENST00000485390	0,552973086
A_21_P0005703	TCONS_00014724	XLOC_006814			0,552549223
A_23_P93258	NM_003537	HIST1H3B	histone cluster 1, H3b	ENST00000244661	0,552517099

A_33_P3390708	NM_013390	TMEM2	transmembrane protein 2	ENST00000474495	0,552441362
A_19_P00803441	NR_034130	LOC100499194	uncharacterized LOC100499194		0,552432089
A_23_P117851	NM_001030005	CPLX3	complexin 3	ENST00000488000	0,55236457
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,552274833
A_21_P0007662	TCONS_00020641	XLOC_009943			0,552273835
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,552268163
A_32_P486620	NM_173588	IGSF22	immunoglobulin superfamily, member 22	ENST00000319338	0,552256837
A_23_P30547	NM_005565	LCP2	lymphocyte cytosolic protein 2 (SH2 domain containing leuk	ENST00000520322	0,552227695
A_23_P101623	NM_022103	ZNF667	zinc finger protein 667	ENST00000360227	0,552193606
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,552154993
A_33_P3359308	NM_052920	KLHL29	kelch-like 29 (Drosophila)	ENST00000486442	0,552138268
A_23_P129577	NM_033208	TIGD7	tigger transposable element derived 7	ENST00000426381	0,552069018
A_33_P3391791	NM_206809	MOG	myelin oligodendrocyte glycoprotein	ENST00000485211	0,551954375
A_21_P0000230	NR_001293	SNORD107	small nucleolar RNA, C/D box 107	ENST00000551361	0,551779603
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,551669646
A_32_P182394	NM_021217	ZNF77	zinc finger protein 77	ENST00000314531	0,551668054
A_23_P10815	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)	ENST00000257075	0,551570245
A_23_P107283	NM_002145	HOXB2	homeobox B2	ENST00000330070	0,551557017
A_21_P0010302	BM671314	XLOC_014119			0,551303845
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (S. cerevisiae)	ENST00000371614	0,551296989
A_33_P3299796	ENST00000536349	MAN1B1	mannosidase, alpha, class 1B, member 1	ENST00000536349	0,551258111
A_19_P00808213	NM_178549	ZNF678			0,551255829
A_19_P00316286	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000426529	0,551230337
A_19_P00321781	ENST00000554129	LOC100506499		ENST00000554129	0,55111764
A_33_P3334292	AK123006	PPIAL4G	peptidylprolyl isomerase A (cyclophilin A)-like 4G		0,550996387
A_33_P3276153	NR_027024	LOC645752	golgi autoantigen, golgin subfamily a, 6 pseudogene		0,550910688
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,550656391
A_23_P428184	NM_021065	HIST1H2AD	histone cluster 1, H2ad	ENST00000341023	0,550578175
A_33_P3228739	NM_001195545	LRR3C	leucine rich repeat containing 3C	ENST00000377924	0,550541634

A_33_P3254695	NR_004404	RNU105A	RNA, U105A small nucleolar	ENST00000437681	0,550450697
A_21_P0014624	XR_110599	LOC100505661	uncharacterized LOC100505661		0,550432863
A_23_P367043	NR_003595	CDC14C	CDC14 cell division cycle 14 homolog C (<i>S. cerevisiae</i>)		0,550304053
A_21_P0000223	NR_000025	SNORD15B	small nucleolar RNA, C/D box 15B		0,550296429
A_21_P0014409	XR_109636	LOC100506553	uncharacterized LOC100506553	ENST00000456721	0,550238465
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,550147951
A_19_P00319108	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000434399	0,550096443
A_21_P0006533	THC2774401	XLOC_008163			0,550093446
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (<i>Drosophila</i>)	ENST00000356721	0,550045218
A_21_P0013220	BI830525	XLOC_I2_013456			0,54999462
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,549949589
A_21_P0000304	NR_002922	SNORA13	small nucleolar RNA, H/ACA box 13		0,549936163
A_33_P3413759	NM_001010887	ACER2	alkaline ceramidase 2	ENST00000380376	0,549915974
A_23_P111865	NM_145914	ZSCAN21	zinc finger and SCAN domain containing 21	ENST00000292450	0,549840612
A_21_P0012964	ENST00000504512	XLOC_I2_011854		ENST00000504512	0,54982754
A_23_P119857	NM_001008237	TTC32	tetratricopeptide repeat domain 32	ENST00000495698	0,549821995
A_33_P3276364	ENST00000367913	HSD17B7	hydroxysteroid (17-beta) dehydrogenase 7	ENST00000367913	0,549768543
A_23_P102391	NM_014585	SLC40A1	solute carrier family 40 (iron-regulated transporter), memb	ENST00000544056	0,549726115
A_21_P0004063	ENST00000503470	XLOC_004557		ENST00000503470	0,549710693
A_33_P3312504	NM_012455	PSD4	pleckstrin and Sec7 domain containing 4	ENST00000409656	0,549693067
A_33_P3846653	NR_036685	KRT19P2	keratin 19 pseudogene 2	ENST00000405395	0,549660967
A_21_P0000494	NR_004389	SNORA16B	small nucleolar RNA, H/ACA box 16B		0,54951165
A_33_P3419835	NR_024348	FBXL19-AS1	FBXL19 antisense RNA 1 (non-protein coding)		0,549454178
A_23_P119857	NM_001008237	TTC32	tetratricopeptide repeat domain 32	ENST00000495698	0,549381379
A_23_P38830	NM_024762	ZNF552	zinc finger protein 552	ENST00000391701	0,549349975
A_21_P0010591	TCONS_I2_0000096	XLOC_I2_000727			0,549328238
A_33_P3375527	NM_152622	MIER3	mesoderm induction early response 1, family member 3	ENST00000381213	0,549299698
A_33_P3217147	NM_022078	GPATCH3	G patch domain containing 3	ENST00000374122	0,549260045
A_23_P122615	NM_032870	PNISR	PNN-interacting serine/arginine-rich protein	ENST00000438806	0,549248041

A_23_P119857	NM_001008237	TTC32	tetratricopeptide repeat domain 32	ENST00000495698	0,549219766
A_33_P3294881	NM_016474	C3orf19	chromosome 3 open reading frame 19	ENST00000285042	0,549203641
A_23_P111811	NM_019071	ING3	inhibitor of growth family, member 3	ENST00000427726	0,549177349
A_23_P216225	NM_004430	EGR3	early growth response 3	ENST00000317216	0,549154503
A_33_P3841819	NR_027007	LOC440944	uncharacterized LOC440944	ENST00000522221	0,549094464
A_21_P0006243	TCONS_00016231	XLOC_007614			0,549090963
A_21_P0014311	XR_109241	LOC100507235	uncharacterized LOC100507235		0,548998696
A_33_P3325355	NM_006809	TOMM34	translocase of outer mitochondrial membrane 34	ENST00000372813	0,548980709
A_21_P0014904	XR_132901	LOC100652738	uncharacterized LOC100652738		0,548884762
A_23_P6836	NM_016291	IP6K2	inositol hexakisphosphate kinase 2	ENST00000491686	0,548793399
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,548764865
A_24_P331675	NM_006781	C6orf10	chromosome 6 open reading frame 10	ENST00000305725	0,548685612
A_21_P0000013	NM_001145951	TIMM8A	translocase of inner mitochondrial membrane 8 homolog A (yeast)		0,548671593
A_33_P3283611	NM_001549	IFIT3	interferon-induced protein with tetratricopeptide repeats 3	ENST00000543062	0,548529936
A_23_P376799	NM_015262	FAM21C	family with sequence similarity 21, member C	ENST00000471102	0,548353265
A_23_P40956	NM_016362	GHRL	ghrelin/obestatin prepropeptide	ENST00000287656	0,548342462
A_23_P302134	NR_024279	FLJ37453	uncharacterized LOC729614		0,548302401
A_21_P0005271	AI198554	XLOC_006314			0,548218686
A_33_P3248863	NM_213597	KRBA2	KRAB-A domain containing 2	ENST00000331336	0,548119709
A_33_P3248900	NR_028324	FLJ45445	uncharacterized LOC399844	ENST00000425496	0,548111158
A_33_P3345816	NM_001039966	GPER	G protein-coupled estrogen receptor 1	ENST00000342452	0,548090544
A_21_P0000491	NR_004383	SNAR-G1	small ILF3/NF90-associated RNA G1		0,547775157
A_21_P0000316	NR_002960	SNORA20	small nucleolar RNA, H/ACA box 20		0,547773917
A_23_P154972	NM_080740	ZNF280A	zinc finger protein 280A	ENST00000302097	0,547772443
A_23_P111811	NM_019071	ING3	inhibitor of growth family, member 3	ENST00000427726	0,547638967
A_21_P0004824	TCONS_00011651	XLOC_005133			0,547636201
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,547598717
A_33_P3230176	NM_033505	EPT1	ethanolaminephosphotransferase 1 (CDP-ethanolamine-sp	ENST00000260585	0,547535851
A_33_P3411315	NM_033185	KRTAP3-3	keratin associated protein 3-3	ENST00000391586	0,547472151

A_23_P10815	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)	ENST00000257075	0,54745378
A_33_P3296499	NM_002844	PTPRK	protein tyrosine phosphatase, receptor type, K	ENST00000368202	0,547290886
A_24_P917178	ENST00000472240	MB	myoglobin	ENST00000472240	0,547214226
A_23_P98022	NM_012238	SIRT1	sirtuin 1	ENST00000432464	0,547043616
A_24_P152468	XM_001718823	LOC100134663	uncharacterized LOC100134663		0,547007148
A_33_P3211078	NM_003484	HMGA2	high mobility group AT-hook 2	ENST00000537275	0,546935004
A_23_P34930	NM_005872	BCAS2	breast carcinoma amplified sequence 2	ENST00000485021	0,546913379
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,54655225
A_33_P3267296	NM_016594	FKBP11	FK506 binding protein 11, 19 kDa	ENST00000547789	0,546533967
A_21_P0001152	ENST00000436200	XLOC_000918		ENST00000436200	0,546519745
A_33_P3646051	AK094324	LOC284408	uncharacterized LOC284408		0,546458778
A_21_P0011372	NR_040058	LOC100505648	uncharacterized LOC100505648		0,546441647
A_33_P3213419	AK054946	LOC100129447	uncharacterized LOC100129447		0,546358379
A_23_P308673	NM_004783	TAOK2	TAO kinase 2	ENST00000279394	0,546329076
A_33_P3412143	NM_001080521	RASSF10	Ras association (RalGDS/AF-6) domain family (N-terminal) member 10		0,546316721
A_33_P3421219	AK001442	LOC647070	uncharacterized LOC647070		0,54628934
A_23_P251785	NM_024561	NAA16	N(alpha)-acetyltransferase 16, NatA auxiliary subunit	ENST00000379406	0,546272013
A_23_P48610	NM_144568	TMEM55B	transmembrane protein 55B	ENST00000557041	0,546199914
A_23_P27894	NM_014649	SAFB2	scaffold attachment factor B2	ENST00000252542	0,546046395
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,546031551
A_21_P0002212	XR_109987	LOC100506235	uncharacterized LOC100506235		0,545962122
A_23_P319565	NM_170753	PGBD3	piggyBac transposable element derived 3	ENST00000508005	0,545950133
A_33_P3365985	XR_132811	LOC401357	uncharacterized LOC401357		0,545944532
A_21_P0002388	ENST00000450397	XLOC_001960		ENST00000450397	0,545874393
A_32_P19716	NM_001080470	ZNF697	zinc finger protein 697	ENST00000421812	0,545838702
A_23_P162589	NM_001017535	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	ENST00000229022	0,545818506
A_23_P29079	NM_002626	PFKL	phosphofructokinase, liver	ENST00000495274	0,545790548
A_23_P173	NM_001231	CASQ1	calsequestrin 1 (fast-twitch, skeletal muscle)	ENST00000368079	0,545711632
A_23_P254212	NM_013347	RPA4	replication protein A4, 30kDa	ENST00000373040	0,545694966

A_21_P0006560	ENST00000447570	XLOC_007960		ENST00000447570	0,545518977
A_33_P3390027	ENST00000405068	EXOC7	exocyst complex component 7	ENST00000405068	0,54545402
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,545143114
A_24_P8109	NM_001012302	ANO9	anoctamin 9	ENST00000524802	0,545062904
A_32_P309662	NM_176881	TAS2R39	taste receptor, type 2, member 39	ENST00000446620	0,545007644
A_33_P3417650	NM_002776	KLK10	kallikrein-related peptidase 10	ENST00000309958	0,54499072
A_23_P403745	NM_138383	MTSS1L	metastasis suppressor 1-like	ENST00000254951	0,544516934
A_21_P0011308	NR_038253	LOC100288637	OTU domain containing 7A pseudogene		0,544492828
A_23_P10815	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)	ENST00000257075	0,54435995
A_33_P3393734	ENST00000392558	RPS27	ribosomal protein S27	ENST00000392558	0,544334245
A_21_P0009808	TCONS_00027830	XLOC_013429			0,544316822
A_23_P119857	NM_001008237	TTC32	tetratricopeptide repeat domain 32	ENST00000495698	0,544245159
A_21_P0011937	TCONS_I2_0001471	XLOC_I2_008140			0,544230814
A_24_P169073	NM_182623	FAM131C	family with sequence similarity 131, member C	ENST00000375662	0,54421517
A_33_P3441583	BM453041	SRGAP2P1	SLIT-ROBO Rho GTPase activating protein 2 pseudogene 1		0,544154097
A_21_P0013535	AL390183	FAM66D	family with sequence similarity 66, member D		0,544134793
A_19_P00325015	NR_002323	TUG1			0,54404814
A_33_P3360785	XR_109287	LOC100128371	uncharacterized LOC100128371		0,543995608
A_21_P0000562	NR_028371	FAS-AS1	FAS antisense RNA 1 (non-protein coding)		0,543914727
A_21_P0002306	TCONS_00003916	XLOC_001720			0,543888199
A_33_P3231613	NM_001129828	CSAG3	CSAG family, member 3	ENST00000356911	0,543834645
A_23_P114185	NM_004615	TSPAN7	tetraspanin 7	ENST00000422612	0,543792305
A_23_P123848	NM_032552	DAB2IP	DAB2 interacting protein	ENST00000259371	0,543755059
A_24_P71938	NM_005900	SMAD1	SMAD family member 1		0,543708357
A_33_P3244165	NR_003287	RN28S1	RNA, 28S ribosomal 1		0,543605969
A_23_P72462	NM_173201	ATP2A1	ATPase, Ca ⁺⁺ transporting, cardiac muscle, fast twitch 1	ENST00000357084	0,543501458
A_32_P57728	NR_003613	PMS2P1	postmeiotic segregation increased 2 pseudogene 1		0,543479663
A_21_P0011791	ENST00000435062	XLOC_I2_007184		ENST00000435062	0,543448704
A_21_P0012014	ENST00000458149	XLOC_I2_007449		ENST00000458149	0,543364401

A_21_P0009486	TCONS_00026340	XLOC_012690				0,543110361
A_33_P3315779	NM_001165136	HERC6	hect domain and RLD 6		ENST00000273960	0,543086807
A_21_P0004924	TCONS_00011925	XLOC_005435				0,542905475
A_21_P0000694	NR_037858	LOC254128	uncharacterized LOC254128			0,542895665
A_32_P123088	NM_001164468	TMED7-TICAM2	TMED7-TICAM2 readthrough		ENST00000514548	0,542832427
A_21_P0000882	NR_040017	LOC100507218	uncharacterized LOC100507218			0,542733602
A_23_P105118	NM_001005237	OR51G1	olfactory receptor, family 51, subfamily G, member 1		ENST00000321961	0,542730916
A_23_P134684	NM_024567	HMBOX1	homeobox containing 1		ENST00000521516	0,542634798
A_23_P123424	NM_000749	CHRN3	cholinergic receptor, nicotinic, beta 3		ENST00000289957	0,542594068
A_21_P0007206	TCONS_00019294	XLOC_009122				0,542561503
A_23_P159937	NM_005629	SLC6A8	solute carrier family 6 (neurotransmitter transporter, creati		ENST00000253122	0,542554162
A_23_P102109	NM_006000	TUBA4A	tubulin, alpha 4a		ENST00000490341	0,542499584
A_33_P3314813	NM_001080446	C11orf94	chromosome 11 open reading frame 94		ENST00000449465	0,54249796
A_33_P3328937	NM_001112707	TLK2	tousled-like kinase 2		ENST00000542523	0,542478755
A_33_P3318439	NM_001131034	RNF212	ring finger protein 212		ENST00000382968	0,54225977
A_33_P3351934	NR_024117	MSTO2P	misato homolog 2 pseudogene			0,542158527
A_33_P3276376	ENST00000367915	HSD17B7	hydroxysteroid (17-beta) dehydrogenase 7		ENST00000367915	0,541848777
A_23_P22364	NM_000844	GRM7	glutamate receptor, metabotropic 7		ENST00000403881	0,541673123
A_33_P3415321	NR_002329	ST7-OT4	ST7 overlapping transcript 4 (non-protein coding)		ENST00000397750	0,54162967
A_21_P0002510	TCONS_00004464	XLOC_002342				0,541595656
A_33_P3341722	ENST00000407622	COL23A1	collagen, type XXIII, alpha 1		ENST00000407622	0,541530032
A_21_P0009166	ENST00000447729	XLOC_012176			ENST00000447729	0,541442115
A_23_P10815	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)		ENST00000257075	0,541376589
A_21_P0002167	BC111372	XLOC_001342				0,54135627
A_21_P0000019	NM_001146695	KDM4C	lysine (K)-specific demethylase 4C			0,54131507
A_23_P29985	AK022953	METTL19	methyltransferase like 19			0,541161524
A_21_P0009434	TCONS_00026225	XLOC_012600				0,541019969
A_19_P00319633	NR_037178	LOC100294145	uncharacterized LOC100294145			0,540897269
A_23_P147495	NM_021946	BCORL1	BCL6 corepressor-like 1		ENST00000303743	0,540758613

A_21_P0013304	TCONS_I2_0002655:	XLOC_I2_013808				0,540730267
A_23_P418431	NR_026784	C6orf164	chromosome 6 open reading frame 164	ENST00000369572		0,540656095
A_24_P217834	NM_003530	HIST1H3D	histone cluster 1, H3d	ENST00000377831		0,540537762
A_19_P00315452	XR_110148	LOC100130938	uncharacterized LOC100130938			0,540323117
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616		0,540311136
A_23_P6413	NM_080430	SELM	selenoprotein M	ENST00000490967		0,540280728
A_32_P207428	NM_138374	ZNF845	zinc finger protein 845	ENST00000427984		0,540241865
A_33_P3409077	NM_152730	C6orf170	chromosome 6 open reading frame 170	ENST00000509492		0,540240495
A_21_P0000212	NR_000012	SNORA68	small nucleolar RNA, H/ACA box 68			0,540049912
A_23_P139786	NM_003733	OASL	2'-5'-oligoadenylate synthetase-like	ENST00000257570		0,539963837
A_21_P0011562	TCONS_I2_0001102:	XLOC_I2_005933				0,53995135
A_23_P83714	NM_173831	ZNF707	zinc finger protein 707	ENST00000533031		0,539880264
A_33_P3350778	NM_198535	ZNF699	zinc finger protein 699	ENST00000308650		0,539878627
A_33_P3269278	NM_153257	ZNF461	zinc finger protein 461	ENST00000396896		0,539801319
A_21_P0000682	NR_037642	LOC100527964	uncharacterized LOC100527964	ENST00000415414		0,539791305
A_24_P134653	NM_003611	OFD1	oral-facial-digital syndrome 1	ENST00000464463		0,539695287
A_33_P3284715	NR_003001	SCARNA7	small Cajal body-specific RNA 7			0,539592103
A_33_P3395369	NM_001634	AMD1	adenosylmethionine decarboxylase 1	ENST00000368877		0,539472289
A_21_P0002458	TCONS_00004303	XLOC_002153				0,539461028
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919		0,539292185
A_33_P3268629	NR_026999	LINC00265	long intergenic non-protein coding RNA 265			0,539231182
A_24_P108863	NM_001037540	SCML1	sex comb on midleg-like 1 (Drosophila)	ENST00000398080		0,539131001
A_23_P93302	NM_001470	GABBR1	gamma-aminobutyric acid (GABA) B receptor, 1	ENST00000377034		0,539123625
A_23_P10815	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)	ENST00000257075		0,539008266
A_23_P108699	NM_000145	FSHR	follicle stimulating hormone receptor	ENST00000541117		0,538885785
A_21_P0012991	ENST00000503268	XLOC_I2_012074		ENST00000503268		0,53887772
A_21_P0014316	XR_109252	LOC100287598	uncharacterized LOC100287598			0,538862148
A_21_P0007273	THC2732835	XLOC_009272				0,538821523
A_21_P0000181	NM_001242701	CAMTA1	calmodulin binding transcription activator 1	ENST00000461580		0,538752764

A_21_P0000242	NR_002437	SNORD54	small nucleolar RNA, C/D box 54	ENST00000521289	0,538746195
A_33_P3255459	NR_034136	LOC100133461	uncharacterized LOC100133461	ENST00000508619	0,53860688
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,538565368
A_33_P3357445	NM_003211	TDG	thymine-DNA glycosylase	ENST00000392872	0,538524563
A_23_P101905	NM_005883	APC2	adenomatosis polyposis coli 2	ENST00000233607	0,538494424
A_21_P0013520	TCONS_I2_0002826	XLOC_I2_014566			0,538427578
A_24_P178602	NM_198457	ZNF600	zinc finger protein 600	ENST00000338230	0,538398702
A_21_P0002850	XR_110050	LOC100506301	uncharacterized LOC100506301	ENST00000416124	0,538190322
A_33_P3275630	AK125613	LOC100131820	uncharacterized LOC100131820		0,538136922
A_21_P0013759	THC2487640	XLOC_I2_015491			0,538028239
A_23_P92035	NM_001080517	SETD5	SET domain containing 5	ENST00000466826	0,537977762
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,537895976
A_33_P3390024	BC029432	EXOC7	exocyst complex component 7	ENST00000406660	0,537882118
A_23_P74162	NM_018134	IQCC	IQ motif containing C	ENST00000537469	0,537875578
A_21_P0004937	TCONS_00011946	XLOC_005458			0,537861091
A_21_P0009972	ENST00000427333	XLOC_013559		ENST00000427333	0,537814675
A_24_P237757	AL136621	ZMYM2	zinc finger, MYM-type 2	ENST00000382881	0,537786704
A_33_P3214501	NM_022767	AEN	apoptosis enhancing nuclease	ENST00000379231	0,537777193
A_23_P353742	NM_017749	AMBRA1	autophagy/beclin-1 regulator 1	ENST00000458649	0,537755984
A_32_P108474	NM_002940	ABCE1	ATP-binding cassette, sub-family E (OABP), member 1	ENST00000296577	0,537726421
A_33_P3314436	NM_001163315	FBXL17	F-box and leucine-rich repeat protein 17	ENST00000481160	0,537605241
A_23_P34628	NM_001514	GTF2B	general transcription factor IIB	ENST00000448623	0,537382784
A_33_P3335682	NM_033256	PPP1R14A	protein phosphatase 1, regulatory (inhibitor) subunit 14A	ENST00000347262	0,537356588
A_23_P163353	NM_016166	PIAS1	protein inhibitor of activated STAT, 1	ENST00000545237	0,537266454
A_33_P3418611	NM_001242680	ZNF729	zinc finger protein 729	ENST00000357491	0,537063814
A_21_P0011028	THC2603794	XLOC_I2_002502			0,537019739
A_33_P3311170	NR_002593	SLC7A5P1	solute carrier family 7 (amino acid transporter light chain, L	ENST00000435197	0,536996032
A_21_P0000460	NR_003685	SNORD121A	small nucleolar RNA, C/D box 121A		0,536893324
A_23_P10815	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)	ENST00000257075	0,536884484

A_23_P70201	NM_001270	CHD1	chromodomain helicase DNA binding protein 1	ENST00000284049	0,536853759
A_21_P0013800	TCONS_I2_0003039	XLOC_I2_015641			0,536745788
A_21_P0005232	ENST00000440455	XLOC_006093		ENST00000440455	0,536720283
A_23_P111724	NM_138290	RUNDC3B	RUN domain containing 3B	ENST00000493037	0,536672849
A_24_P842172	NR_027000	LOC349196	uncharacterized LOC349196		0,536605284
A_33_P3327290	NM_001029955	DCAF4L1	DDB1 and CUL4 associated factor 4-like 1	ENST00000333141	0,536516981
A_23_P79794	NM_021809	TGIF2	TGFB-induced factor homeobox 2	ENST00000373874	0,536475605
A_33_P3264855	NM_001145129	ZNF192P1	zinc finger protein 192 pseudogene 1		0,536445528
A_33_P3279851	NR_037931	LOC100286979	anaphase-promoting complex subunit 1-like		0,536381347
A_33_P3234347	NM_001171689	AMMECR1	Alport syndrome, mental retardation, midface hypoplasia a	ENST00000372057	0,536325168
A_33_P3397795	AK095489	C14orf135	chromosome 14 open reading frame 135	ENST00000406949	0,536250806
A_19_P00811196	NR_038361	LOC100505854	uncharacterized LOC100505854		0,536250597
A_24_P36868	NM_025160	WDR26	WD repeat domain 26	ENST00000295024	0,536212399
A_23_P121596	NM_002704	PPBP	pro-platelet basic protein (chemokine (C-X-C motif) ligand 7	ENST00000296028	0,5361741
A_33_P3305446	NM_001011878	DEFB121	defensin, beta 121	ENST00000376314	0,536095638
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,53602509
A_33_P3725324	NM_004654	USP9Y	ubiquitin specific peptidase 9, Y-linked	ENST00000338981	0,535949098
A_21_P0011563	TCONS_I2_0001102	XLOC_I2_005933			0,535883942
A_21_P0000306	NR_002950	SNORA2A	small nucleolar RNA, H/ACA box 2A		0,535827602
A_21_P0000445	NR_003321	SNORD116-6	small nucleolar RNA, C/D box 116-6	ENST00000549804	0,535812824
A_23_P114349	NM_130776	XAGE3	X antigen family, member 3	ENST00000346279	0,535764568
A_23_P406928	ENST00000361567	ND5	NADH dehydrogenase, subunit 5 (complex I)	ENST00000361567	0,535763769
A_33_P3276638	NM_024567	HMBOX1	homeobox containing 1	ENST00000355231	0,535747796
A_33_P3381328	NR_027294	FAM201A	family with sequence similarity 201, member A	ENST00000484285	0,535501164
A_21_P0000336	NR_002982	SNORA54	small nucleolar RNA, H/ACA box 54		0,535377244
A_21_P0003081	TCONS_00006354	XLOC_002975			0,535326132
A_21_P0012875	CR745775	XLOC_I2_011885			0,535311889
A_19_P00320242	ENST00000551938	LOC100506948		ENST00000551938	0,535289373
A_21_P0006046	ENST00000421509	XLOC_007538		ENST00000421509	0,535256197

A_23_P402287	NM_153371	LNX2	ligand of numb-protein X 2	ENST00000316334	0,535231754
A_23_P13822	NM_018423	STYK1	serine/threonine/tyrosine kinase 1	ENST00000075503	0,535058009
A_23_P146004	NM_024814	CBLL1	Cas-Br-M (murine) ecotropic retroviral transforming sequer	ENST00000440859	0,534768463
A_21_P0009390	TCONS_00025420	XLOC_012229			0,534704992
A_23_P9869	NM_032649	CNDP1	carnosine dipeptidase 1 (metallopeptidase M20 family)	ENST00000358821	0,534641444
A_33_P3736691	NM_025189	ZNF430	zinc finger protein 430	ENST00000418100	0,534597037
A_23_P168610	NM_014399	TSPAN13	tetraspanin 13	ENST00000262067	0,534589072
A_33_P3308903	NM_080875	MIB2	mindbomb homolog 2 (Drosophila)	ENST00000506488	0,534463671
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,534455697
A_23_P111865	NM_145914	ZSCAN21	zinc finger and SCAN domain containing 21	ENST00000292450	0,53443687
A_24_P115990	NM_020547	AMHR2	anti-Mullerian hormone receptor, type II	ENST00000550839	0,5342844
A_33_P3371514	NM_022755	IPPK	inositol 1,3,4,5,6-pentakisphosphate 2-kinase	ENST00000375522	0,534279839
A_24_P178396	NM_001031618	SPDYE2	speedy homolog E2 (Xenopus laevis)	ENST00000432940	0,534258668
A_33_P3405916	NR_038368	LINC00273	long intergenic non-protein coding RNA 273	ENST00000539813	0,534215472
A_23_P10815	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)	ENST00000257075	0,53412257
A_33_P3252730	NR_027049	ZNF788	zinc finger family member 788	ENST00000339302	0,534100599
A_21_P0000326	NR_002971	SNORA38	small nucleolar RNA, H/ACA box 38		0,534086008
A_21_P0003092	XR_110395	LOC440993	uncharacterized LOC440993	ENST00000445707	0,534083939
A_23_P162589	NM_001017535	VDR	vitamin D (1,25- dihydroxyvitamin D3) receptor	ENST00000229022	0,534030461
A_21_P0002107	ENST00000415918	XLOC_002339		ENST00000415918	0,533863351
A_21_P0005376	ENST00000416708	XLOC_006080		ENST00000416708	0,533754946
A_21_P0009296	TCONS_00025558	XLOC_012387			0,533703668
A_33_P3298942	ENST00000326831	ATP10B	ATPase, class V, type 10B	ENST00000326831	0,533671839
A_19_P00315524	NR_003491	MIAT			0,53357182
A_21_P0005557	TCONS_00014118	XLOC_006069			0,533543416
A_33_P3290089	XR_109536	LOC100505585	uncharacterized LOC100505585		0,53353044
A_23_P111724	NM_138290	RUNDC3B	RUN domain containing 3B	ENST00000493037	0,533396491
A_21_P0005573	TCONS_00014191	XLOC_006200			0,533327413
A_23_P101281	NM_032828	ZNF587	zinc finger protein 587	ENST00000339656	0,533310234

A_23_P102117	NM_025216	WNT10A	wingless-type MMTV integration site family, member 10A	ENST00000258411	0,533292288
A_21_P0013193	NR_026873	LINC00174	long intergenic non-protein coding RNA 174	ENST00000416572	0,533234888
A_32_P181020	NM_005510	DOM3Z	dom-3 homolog Z (C. elegans)	ENST00000474587	0,533207146
A_23_P374281	NM_152623	CDC20B	cell division cycle 20 homolog B (S. cerevisiae)	ENST00000296733	0,533132147
A_21_P0011299	THC2554687	XLOC_I2_004595			0,533089959
A_24_P340853	NM_032789	PARP10	poly (ADP-ribose) polymerase family, member 10	ENST00000527262	0,533000197
A_24_P159837	AB209226	ZNF302	zinc finger protein 302	ENST00000502743	0,532907227
A_33_P3422429	ENST00000459752	INADL	InaD-like (Drosophila)	ENST00000459752	0,532865308
A_21_P0007151	ENST00000441638	XLOC_009339		ENST00000441638	0,532726536
A_33_P3421794	NM_014681	DHX34	DEAH (Asp-Glu-Ala-His) box polypeptide 34	ENST00000460681	0,532643246
A_21_P0012471	TCONS_I2_0001963	XLOC_I2_010451			0,532631755
A_23_P87491	NM_001638	APOF	apolipoprotein F	ENST00000541105	0,532624027
A_23_P37654	NM_001164273	MGA	MAX gene associated	ENST00000389936	0,532563762
A_33_P3284552	AK023303	COPE	coatomer protein complex, subunit epsilon		0,532536051
A_19_P00320226	NR_027456	LOC100272228	uncharacterized LOC100272228		0,532462208
A_23_P164341	NM_014232	VAMP2	vesicle-associated membrane protein 2 (synaptobrevin 2)	ENST00000316509	0,53228959
A_19_P00321953	NR_034099	LOC388948	uncharacterized LOC388948	ENST00000479311	0,53216052
A_33_P3330716	NM_017759	INO80D	INO80 complex subunit D	ENST00000403263	0,531983546
A_24_P419028	AB014771	MOP-1	MOP-1		0,531807603
A_24_P338187	NM_012207	HNRNPH3	heterogeneous nuclear ribonucleoprotein H3 (2H9)	ENST00000441000	0,531682809
A_24_P804667	NM_001043229	METTL12	methyltransferase like 12	ENST00000398922	0,531654347
A_21_P0000488	NR_004379	SNORD96B	small nucleolar RNA, C/D box 96B		0,531631505
A_33_P3311717	ENST00000551557	TGIF1	TGFB-induced factor homeobox 1	ENST00000551557	0,531530285
A_21_P0000463	NR_003688	SNORD105B	small nucleolar RNA, C/D box 105B		0,531433923
A_19_P00812924	ENST00000530955	LOC100507165		ENST00000530955	0,531201174
A_21_P0007352	TCONS_00019635	XLOC_009437			0,53109981
A_33_P3315060	ENST00000495527	ZC3H11A	zinc finger CCCH-type containing 11A	ENST00000495527	0,530791907
A_23_P102391	NM_014585	SLC40A1	solute carrier family 40 (iron-regulated transporter), member 1	ENST00000544056	0,530692258
A_23_P402733	NM_032195	SON	SON DNA binding protein	ENST00000300278	0,530680161

A_33_P3546363	BQ950045	LOC400128	uncharacterized LOC400128		0,530509874
A_33_P3311770	NM_213603	ZNF789	zinc finger protein 789	ENST00000331410	0,530443746
A_33_P3274935	NM_030630	C17orf28	chromosome 17 open reading frame 28	ENST00000318565	0,530419096
A_23_P78209	NM_002359	MAFG	v-maf musculoaponeurotic fibrosarcoma oncogene homolo	ENST00000357736	0,530396488
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,530155931
A_23_P323943	NM_178498	SLC5A12	solute carrier family 5 (sodium/glucose cotransporter), mer	ENST00000280467	0,530089398
A_21_P0007522	TCONS_00020316	XLOC_009649			0,530051837
A_33_P3377194	NM_033304	ADRA1A	adrenergic, alpha-1A-, receptor	ENST00000358857	0,529980244
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,529918934
A_21_P0001619	THC2630478	XLOC_001195			0,529847334
A_21_P0007039	TCONS_00018649	XLOC_009000			0,529830688
A_23_P44760	NM_014159	SETD2	SET domain containing 2	ENST00000409792	0,529794524
A_23_P397455	NM_145259	ACVR1C	activin A receptor, type IC	ENST00000243349	0,529760438
A_33_P3325306	ENST00000463841	HSPE1	heat shock 10kDa protein 1 (chaperonin 10)	ENST00000463841	0,529634326
A_33_P3387566	NR_026770	C17orf88	chromosome 17 open reading frame 88	ENST00000458392	0,529630143
A_33_P3291569	NM_016424	LUC7L3	LUC7-like 3 (S. cerevisiae)	ENST00000240304	0,529611704
A_21_P0011292	NR_036470	HERC2P7	hect domain and RLD 2 pseudogene 7		0,529599047
A_19_P00318728	NR_034007	LOC339894	uncharacterized LOC339894	ENST00000471357	0,529541602
A_21_P0000563	NR_028374	SNORA80B	small nucleolar RNA, H/ACA box 80B		0,529342469
A_21_P0010508	ENST00000424215	XLOC_I2_000033		ENST00000424215	0,529173807
A_33_P3219720	ENST00000485560	ZNF248	zinc finger protein 248	ENST00000485560	0,529041432
A_21_P0005577	TCONS_00014217	XLOC_006258			0,529022511
A_21_P0014782	XR_132564	LOC100652913	uncharacterized LOC100652913		0,528996509
A_21_P0002596	TCONS_00004804	XLOC_001496			0,528902388
A_23_P416142	NM_004087	DLG1	discs, large homolog 1 (Drosophila)	ENST00000392382	0,528618208
A_33_P3403179	BC048193	GUSBP1	glucuronidase, beta pseudogene 1		0,528316981
A_23_P142671	NM_144631	ZNF513	zinc finger protein 513	ENST00000491924	0,528255798
A_33_P3228564	NM_001144875	DOK3	docking protein 3	ENST00000312943	0,528235633
A_23_P146539	NM_002170	IFNA8	interferon, alpha 8	ENST00000380205	0,528220738

A_33_P3385983	NM_021143	ZNF20	zinc finger protein 20	ENST00000292241	0,528182944
A_33_P3299066	NM_006186	NR4A2	nuclear receptor subfamily 4, group A, member 2	ENST00000539077	0,528169639
A_24_P136402	NM_005933	MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax hor	ENST00000389506	0,528161396
A_21_P0011413	NM_005332	HBZ	hemoglobin, zeta	ENST00000252951	0,528142589
A_21_P0000218	NR_000018	SNORD35A	small nucleolar RNA, C/D box 35A	ENST00000476268	0,528116377
A_23_P213166	NM_018392	C4orf21	chromosome 4 open reading frame 21	ENST00000506675	0,527872962
A_19_P00803333	NM_020928	ZSWIM6		ENST00000252744	0,527821269
A_33_P3262020	NM_000606	C8G	complement component 8, gamma polypeptide	ENST00000224181	0,527752259
A_33_P3490794	NR_027132	LOC145820	uncharacterized LOC145820	ENST00000556053	0,527691483
A_21_P0000373	NR_003044	SNORD50B	small nucleolar RNA, C/D box 50B		0,527604468
A_21_P0000108	NM_001190702	MTRNR2L8	MT-RNR2-like 8	ENST00000536684	0,527555425
A_23_P52121	NM_002614	PDZK1	PDZ domain containing 1	ENST00000451928	0,527538501
A_33_P3300800	NR_024042	GUCY2E	guanylate cyclase 2E	ENST00000526984	0,527508226
A_21_P0009117	XR_109344	LOC100506268	uncharacterized LOC100506268		0,527418457
A_33_P3371663	NM_002344	LTK	leukocyte receptor tyrosine kinase	ENST00000263800	0,527252503
A_23_P111811	NM_019071	ING3	inhibitor of growth family, member 3	ENST00000427726	0,527206515
A_33_P3276585	NM_001099224	IFT74	intraflagellar transport 74 homolog (Chlamydomonas)	ENST00000429045	0,527095802
A_21_P0009829	XR_109648	LOC100505515	uncharacterized LOC100505515	ENST00000432244	0,52687237
A_33_P3416350	NM_147152	ITSN2	intersectin 2	ENST00000407704	0,526798019
A_21_P0000266	NR_002581	SNORA72	small nucleolar RNA, H/ACA box 72		0,526778796
A_19_P00803342	NM_178549	ZNF678			0,526774586
A_21_P0003154	NR_028303	LOC100302640	uncharacterized LOC100302640		0,526750642
A_21_P0011354	THC2500351	XLOC_l2_004844			0,52673689
A_23_P41380	NM_002940	ABCE1	ATP-binding cassette, sub-family E (OABP), member 1	ENST00000296577	0,526328394
A_33_P3396459	ENST00000412877	POLR2H	polymerase (RNA) II (DNA directed) polypeptide H	ENST00000412877	0,526286706
A_23_P101281	NM_032828	ZNF587	zinc finger protein 587	ENST00000339656	0,526259715
A_33_P3355717	ENST00000408913	ZFP36L1	zinc finger protein 36, C3H type-like 1	ENST00000408913	0,526247874
A_23_P250164	NM_000187	HGD	homogentisate 1,2-dioxygenase	ENST00000283871	0,526198143
A_33_P3284854	AK127969	FLJ25694	uncharacterized protein FLJ25694		0,526106774

A_33_P3269976	ENST00000538401	GAL	galanin prepropeptide	ENST00000538401	0,526067617
A_21_P0000824	NR_038880	GCFC1-AS1	GCFC1 antisense RNA 1 (non-protein coding)		0,526049847
A_23_P365418	NM_001195220	ZNF783	zinc finger family member 783	ENST00000434415	0,526037421
A_21_P0003269	XR_108523	LOC100505710	uncharacterized LOC100505710		0,526029948
A_33_P3351735	NM_018219	CCDC87	coiled-coil domain containing 87	ENST00000333861	0,525977864
A_21_P0002364	TCONS_00004041	XLOC_001880			0,525783543
A_33_P3362636	NM_001136498	CISD3	CDGSH iron sulfur domain 3	ENST00000439660	0,525771804
A_24_P99838	NM_013361	ZNF223	zinc finger protein 223	ENST00000434772	0,525701506
A_33_P3258602	NM_001005566	OR5B2	olfactory receptor, family 5, subfamily B, member 2	ENST00000302581	0,525561665
A_33_P3288569	NM_001144891	MBIP	MAP3K12 binding inhibitory protein 1	ENST00000554855	0,525542813
A_33_P3283897	AK095511	LOC100130761	uncharacterized LOC100130761		0,525529645
A_33_P3323742	NM_017761	PNRC2	proline-rich nuclear receptor coactivator 2	ENST00000374468	0,525529176
A_33_P3241428	NM_015311	OBSL1	obscurin-like 1	ENST00000404537	0,525334249
A_33_P3514859	XR_108862	LOC100506342	uncharacterized LOC100506342		0,525306739
A_23_P111811	NM_019071	ING3	inhibitor of growth family, member 3	ENST00000427726	0,525095948
A_23_P139965	NM_001010897	SERP2	stress-associated endoplasmic reticulum protein family member 2	ENST00000493476	0,525087886
A_21_P0000022	NM_001159491	BRI3	brain protein I3	ENST00000539286	0,52504102
A_21_P0005756	TCONS_00014840	XLOC_006908			0,524995803
A_21_P0000489	NR_004380	SNORD104	small nucleolar RNA, C/D box 104		0,524861239
A_33_P3256920	NM_058238	WNT7B	wingless-type MMTV integration site family, member 7B	ENST00000339464	0,524833166
A_32_P12610	NM_198256	E2F6	E2F transcription factor 6	ENST00000362009	0,524817824
A_33_P3289236	NM_020995	HPR	haptoglobin-related protein	ENST00000356967	0,524728579
A_19_P00320184	NR_038988	LOC100287765			0,524643552
A_23_P428640	NR_026862	PPP1R3E	protein phosphatase 1, regulatory subunit 3E	ENST00000452015	0,524561927
A_24_P101786	NM_001083953	THADA	thyroid adenoma associated	ENST00000474159	0,524538498
A_33_P3406998	NM_130438	DYRK1A	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase	ENST00000462274	0,524435421
A_21_P0010939	NM_139173	SLC9B1	solute carrier family 9, subfamily B (cation proton antiporter)	ENST00000296422	0,524412954
A_23_P156807	NM_001202519	CFLAR	CASP8 and FADD-like apoptosis regulator	ENST00000412930	0,524361721
A_33_P3239287	NM_001005271	CHD3	chromodomain helicase DNA binding protein 3	ENST00000330494	0,524356726

A_33_P3281358	ENST00000472621	ARF3	ADP-ribosylation factor 3	ENST00000472621	0,524156972
A_23_P5301	NM_014553	TFCP2L1	transcription factor CP2-like 1	ENST00000263707	0,524151255
A_21_P0001367	TCONS_00001117	XLOC_000367			0,523662785
A_33_P3711933	NM_152432	ARHGAP42	Rho GTPase activating protein 42	ENST00000529535	0,523631656
A_23_P36345	NM_006645	STARD10	StAR-related lipid transfer (START) domain containing 10	ENST00000537947	0,523613089
A_21_P0000830	NR_038903	LOC100506233	uncharacterized LOC100506233		0,523516397
A_32_P230196	NM_001077685	AGAP7	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000413193	0,523503193
A_23_P136325	NM_133264	WIPF2	WAS/WASL interacting protein family, member 2	ENST00000494757	0,523477688
A_23_P9018	NM_001040702	DEFB104B	defensin, beta 104B	ENST00000314265	0,523393496
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,523370627
A_21_P0003848	ENST00000506057	XLOC_003650		ENST00000506057	0,523353436
A_33_P3254431	AK054818	C1orf86	chromosome 1 open reading frame 86		0,523345171
A_33_P3303104	NM_001185119	MYNN	myoneurin	ENST00000392733	0,523243374
A_23_P111811	NM_019071	ING3	inhibitor of growth family, member 3	ENST00000427726	0,523225554
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	0,523178262
A_21_P0005934	BX648950	XLOC_006753			0,523169929
A_21_P0009377	TCONS_00025825	XLOC_012097			0,523144101
A_33_P3772150	NM_018702	ADARB2	adenosine deaminase, RNA-specific, B2		0,523142668
A_24_P68311	NM_015180	SYNE2	spectrin repeat containing, nuclear envelope 2	ENST00000356081	0,523138975
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	0,523087232
A_32_P15958	NR_027273	ZNF295-AS1	ZNF295 antisense RNA 1 (non-protein coding)	ENST00000412906	0,522983004
A_24_P381224	NM_172230	SYVN1	synovial apoptosis inhibitor 1, synoviolin	ENST00000526060	0,522981193
A_33_P3416767	NM_032711	MAFG	v-maf musculoaponeurotic fibrosarcoma oncogene homolog	ENST00000357736	0,522925285
A_21_P0001773	NR_024452	LOC100134259	uncharacterized LOC100134259	ENST00000468141	0,522755541
A_19_P00808086	NM_018328	MBD5		ENST00000478804	0,522713229
A_21_P0012240	NR_001591	psiTPTE22	TPTE pseudogene	ENST00000443658	0,52268774
A_24_P116669	NM_138793	CANT1	calcium activated nucleotidase 1	ENST00000537282	0,522674251
A_23_P129413	NM_022357	DPEP3	dipeptidase 3	ENST00000268793	0,522603832
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,522231707

A_21_P0005139	TCONS_00012614	XLOC_005492			0,522136921
A_23_P217054	NM_024345	DCAF10	DDB1 and CUL4 associated factor 10	ENST00000478453	0,522023219
A_21_P0014949	NM_006310	NPEPPS	aminopeptidase puromycin sensitive	ENST00000525037	0,52180949
A_24_P400355	NM_015949	GET4	golgi to ER traffic protein 4 homolog (S. cerevisiae)	ENST00000265857	0,5218006
A_23_P124988	NM_012285	KCNH4	potassium voltage-gated channel, subfamily H (eag-related)	ENST00000264661	0,521774455
A_33_P3321507	NM_001080495	TNRC18	trinucleotide repeat containing 18	ENST00000430969	0,521754707
A_24_P382319	NM_001712	CEACAM1	carcinoembryonic antigen-related cell adhesion molecule 1	ENST00000352591	0,521710297
A_23_P45699	NM_003902	FUBP1	far upstream element (FUSE) binding protein 1	ENST00000394922	0,521705461
A_23_P364107	NM_018353	MIS18BP1	MIS18 binding protein 1	ENST00000470424	0,521691121
A_23_P122615	NM_032870	PNISR	PNN-interacting serine/arginine-rich protein	ENST00000438806	0,521614372
A_23_P54100	NM_001437	ESR2	estrogen receptor 2 (ER beta)	ENST00000357782	0,521608287
A_32_P150030	NM_003620	PPM1D	protein phosphatase, Mg2+/Mn2+ dependent, 1D	ENST00000392995	0,521486315
A_33_P3256914	ENST00000442458	ITFG3	integrin alpha FG-GAP repeat containing 3	ENST00000442458	0,52145438
A_24_P332862	NM_001076678	ZNF493	zinc finger protein 493	ENST00000418100	0,521412466
A_24_P15292	NM_032018	C1orf124	chromosome 1 open reading frame 124	ENST00000469904	0,5213657
A_23_P60962	NM_139021	MAPK15	mitogen-activated protein kinase 15	ENST00000533830	0,521289726
A_21_P0011185	TCONS_I2_0000720	XLOC_I2_003992			0,521245461
A_21_P0002598	TCONS_00004809	XLOC_001515			0,521067458
A_23_P10815	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)	ENST00000257075	0,520889453
A_21_P0013340	ENST00000478672	XLOC_I2_013931		ENST00000478672	0,520821951
A_33_P3401428	NM_018112	TMEM38B	transmembrane protein 38B	ENST00000451560	0,520750541
A_33_P3224483	BC020495	RABL2B	RAB, member of RAS oncogene family-like 2B	ENST00000395590	0,520441538
A_33_P3294961	ENST00000398475	LAT2	linker for activation of T cells family, member 2	ENST00000398475	0,52041985
A_23_P56298	NM_025189	ZNF430	zinc finger protein 430	ENST00000261560	0,520380515
A_21_P0002192	TCONS_00003621	XLOC_001412			0,520293137
A_23_P2922	NM_016586	MBIP	MAP3K12 binding inhibitory protein 1	ENST00000318473	0,5202692
A_23_P126486	NR_026752	CROCCP2	ciliary rootlet coiled-coil, rootletin pseudogene 2		0,520238363
A_23_P109636	NM_015541	LRIG1	leucine-rich repeats and immunoglobulin-like domains 1	ENST00000383702	0,520130665
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	0,520083254

A_33_P3209915	NM_001099666	PTAR1	protein prenyltransferase alpha subunit repeat containing 1	ENST00000340434	0,520050153
A_19_P00322299	NM_020928	ZSWIM6		ENST00000252744	0,520024514
A_21_P0003655	TCONS_00008261	XLOC_003704			0,519957423
A_33_P3316978	NM_207396	RNF207	ring finger protein 207	ENST00000377948	0,519939495
A_24_P86389	NM_003514	HIST1H2AM	histone cluster 1, H2am	ENST00000359611	0,519860412
A_23_P113462	NM_017641	KIF21A	kinesin family member 21A	ENST00000395670	0,519854735
A_21_P0001911	NR_037858	LOC254128	uncharacterized LOC254128		0,519801445
A_21_P0001432	TCONS_00001315	XLOC_000595			0,519741146
A_21_P0000880	NR_040012	SPAG5-AS1	SPAG5 antisense RNA 1 (non-protein coding)	ENST00000414744	0,519734463
A_21_P0014466	XR_109952	LOC100507307	uncharacterized LOC100507307		0,519712378
A_19_P00320295	NR_023915	IPW	imprinted in Prader-Willi syndrome (non-protein coding)	ENST00000553149	0,519673947
A_21_P0014386	XR_109556	LOC100507004	uncharacterized LOC100507004		0,519655345
A_23_P98686	NM_025092	ATHL1	ATH1, acid trehalase-like 1 (yeast)	ENST00000474221	0,519552025
A_23_P6943	NM_005290	GPR15	G protein-coupled receptor 15	ENST00000284311	0,519525688
A_33_P3287113	ENST00000296312	KIAA1530	KIAA1530	ENST00000296312	0,519428184
A_21_P0002876	ENST00000503572	XLOC_003245		ENST00000503572	0,519233879
A_21_P0001196	ENST00000421851	XLOC_001095		ENST00000421851	0,519221424
A_33_P3227264	NM_024011	CDK11A	cyclin-dependent kinase 11A	ENST00000463652	0,519182936
A_23_P201996	NM_016628	WAC	WW domain containing adaptor with coiled-coil	ENST00000338396	0,519148222
A_21_P0000213	NR_000013	SNORD42B	small nucleolar RNA, C/D box 42B		0,519083945
A_32_P163147	NM_182607	VSIG1	V-set and immunoglobulin domain containing 1	ENST00000217957	0,519056447
A_23_P1102	NM_001100	ACTA1	actin, alpha 1, skeletal muscle	ENST00000366682	0,518946983
A_33_P3235400	NM_004494	HDGF	hepatoma-derived growth factor	ENST00000406805	0,518827891
A_33_P3358621	XR_109916	LOC100506036	uncharacterized LOC100506036		0,518804153
A_33_P3261197	NM_002486	NCBP1	nuclear cap binding protein subunit 1, 80kDa	ENST00000478100	0,518769192
A_33_P3265956	ENST00000397798	CBFA2T2	core-binding factor, runt domain, alpha subunit 2; translocat	ENST00000397798	0,518758289
A_24_P256654	NR_015378	LOC401588	uncharacterized LOC401588		0,518740615
A_33_P3236316	NR_037596	FLJ14186	uncharacterized LOC401149		0,518659844
A_33_P3389478	ENST00000380799	SNAPC3	small nuclear RNA activating complex, polypeptide 3, 50kDa	ENST00000380799	0,518645365

A_24_P383850	NM_003760	EIF4G3	eukaryotic translation initiation factor 4 gamma, 3	ENST00000374927	0,518572941
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,51851494
A_23_P76823	NM_199165	ADSSL1	adenylosuccinate synthase like 1	ENST00000557582	0,518235625
A_23_P108699	NM_000145	FSHR	follicle stimulating hormone receptor	ENST00000541117	0,51822799
A_23_P63219	NM_015100	POGZ	pogo transposable element with ZNF domain	ENST00000368863	0,518227478
A_21_P0013006	ENST00000514282	XLOC_I2_012238		ENST00000514282	0,518187118
A_19_P00322977	NR_015431	FLJ43663	uncharacterized LOC378805		0,518185483
A_24_P374382	NR_001283	TOP1P2	topoisomerase (DNA) I pseudogene 2		0,518157965
A_21_P0000784	NR_038396	LOC100506469	uncharacterized LOC100506469		0,518157964
A_24_P67929	NM_017822	KANSL2	KAT8 regulatory NSL complex subunit 2	ENST00000357861	0,518113069
A_23_P108673	NM_032181	FAM176A	family with sequence similarity 176, member A	ENST00000410113	0,518006109
A_32_P4403	NM_014117	C16orf72	chromosome 16 open reading frame 72	ENST00000327827	0,517969125
A_23_P86411	NM_017433	MYO3A	myosin IIIA	ENST00000265944	0,517963102
A_33_P3397486	NM_004901	ENTPD4	ectonucleoside triphosphate diphosphohydrolase 4	ENST00000522255	0,517881857
A_23_P111811	NM_019071	ING3	inhibitor of growth family, member 3	ENST00000427726	0,517854898
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,51785454
A_33_P3239112	ENST00000375290	PTCH1	patched 1	ENST00000375290	0,517837842
A_33_P3350643	NM_001174146	LMX1B	LIM homeobox transcription factor 1, beta	ENST00000355497	0,517824149
A_21_P0003938	AK128486	XLOC_004860			0,517791992
A_19_P00322349	ENST00000511431	Q20ZE8		ENST00000511431	0,517764701
A_24_P173124	NM_144997	FLCN	folliculin	ENST00000285071	0,517724665
A_23_P53891	NM_001730	KLF5	Kruppel-like factor 5 (intestinal)	ENST00000377687	0,51771463
A_23_P10815	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)	ENST00000257075	0,517624498
A_21_P0009642	AK002023	XLOC_012905			0,517574594
A_19_P00802390	TCONS_00015178	XLOC_007231			0,517521005
A_33_P3415596	XM_003118689	LOC400499	uncharacterized LOC400499		0,517491345
A_23_P20101	NM_016944	TAS2R4	taste receptor, type 2, member 4	ENST00000247881	0,517409079
A_23_P430728	NM_000704	ATP4A	ATPase, H ⁺ /K ⁺ exchanging, alpha polypeptide	ENST00000262623	0,517317628
A_23_P257365	NM_005263	GFI1	growth factor independent 1 transcription repressor	ENST00000294702	0,517126978

A_21_P0011656	ENST00000534258	XLOC_I2_006404		ENST00000534258	0,517080166
A_24_P256155	NM_001146340	NKX1-2	NK1 homeobox 2	ENST00000440536	0,516950384
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,516849466
A_24_P363100	NM_001012761	RGMB	RGM domain family, member B	ENST00000508978	0,516846124
A_33_P3358158	NR_033733	CRYBB2P1	crystallin, beta B2 pseudogene 1	ENST00000382734	0,516652434
A_33_P3410232	NR_024541	LY6G6E	lymphocyte antigen 6 complex, locus G6E (pseudogene)	ENST00000461287	0,516570072
A_23_P204550	NM_017988	SCYL2	SCY1-like 2 (S. cerevisiae)	ENST00000360820	0,516514372
A_21_P0011346	BG107090	XLOC_I2_004840			0,516431663
A_33_P3269869	AK093990	LOC284009	uncharacterized LOC284009		0,516421312
A_33_P3323862	XM_370934	LOC388210	apolipoporphorins-like		0,51632256
A_33_P3613000	NM_001105539	ZBTB10	zinc finger and BTB domain containing 10	ENST00000379091	0,516189358
A_32_P496893	NM_001014830	C14orf183	chromosome 14 open reading frame 183	ENST00000305273	0,51589299
A_21_P0005109	TCONS_00012428	XLOC_005180			0,515872943
A_23_P104054	NM_016227	C1orf9	chromosome 1 open reading frame 9	ENST00000367723	0,515688645
A_23_P46131	NM_024869	GRRP1	glycine/arginine rich protein 1	ENST00000374268	0,515606619
A_23_P111865	NM_145914	ZSCAN21	zinc finger and SCAN domain containing 21	ENST00000292450	0,515559023
A_32_P159400	NM_015902	UBR5	ubiquitin protein ligase E3 component n-recognin 5	ENST00000517465	0,515541755
A_23_P205768	NM_006628	ARPP19	cAMP-regulated phosphoprotein, 19kDa	ENST00000249822	0,5154882
A_21_P0005354	TCONS_00013328	XLOC_005976			0,515467042
A_32_P177040	NM_001099435	SPDYE5	speedy homolog E5 (Xenopus laevis)	ENST00000426970	0,515438806
A_21_P0013164	NR_028093	LPAL2	lipoprotein, Lp(a)-like 2, pseudogene	ENST00000435757	0,515406932
A_21_P0013927	ENST00000484786	TRAK1	trafficking protein, kinesin binding 1	ENST00000484786	0,515390778
A_23_P402751	ENST00000361739	COX2	cytochrome c oxidase subunit II	ENST00000361739	0,515297772
A_21_P0012971	ENST00000507290	XLOC_I2_011911		ENST00000507290	0,515257523
A_23_P33465	NM_024324	CRELD2	cysteine-rich with EGF-like domains 2	ENST00000487969	0,515254479
A_23_P37359	NM_014430	CIDEB	cell death-inducing DFFA-like effector b	ENST00000541830	0,515215481
A_33_P3373185	NR_024497	LOC399744	uncharacterized LOC399744	ENST00000438516	0,515192898
A_24_P831309	NM_207401	C1orf229	chromosome 1 open reading frame 229	ENST00000408893	0,51512371
A_24_P307289	NM_198154	TMEM95	transmembrane protein 95	ENST00000389982	0,515020805

A_21_P0005931	TCONS_00015252	XLOC_006738			0,515015602
A_24_P411863	NM_182931	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax h	ENST00000393656	0,514986386
A_23_P67952	NR_026766	MYCNOS	MYCN opposite strand/antisense RNA (non-protein coding)		0,514982326
A_23_P87279	NM_014555	TRPM5	transient receptor potential cation channel, subfamily M, m	ENST00000452833	0,514930803
A_19_P00319990	ENST00000551938	LOC100506948		ENST00000551938	0,514925006
A_24_P220771	NM_032217	ANKRD17	ankyrin repeat domain 17	ENST00000411811	0,514784618
A_21_P0008462	TCONS_00022796	XLOC_011074			0,514751824
A_33_P3313476	NM_001136571	ZAR1L	zygote arrest 1-like	ENST00000345108	0,514740933
A_33_P3382588	NM_005430	WNT1	wingless-type MMTV integration site family, member 1	ENST00000380414	0,514727816
A_23_P59677	NM_021930	RINT1	RAD50 interactor 1	ENST00000497979	0,514613698
A_33_P3209283	ENST00000367469	SASH1	SAM and SH3 domain containing 1	ENST00000367469	0,514566783
A_21_P0000296	NR_002913	SNORD63	small nucleolar RNA, C/D box 63		0,514501462
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,514445602
A_21_P0005572	TCONS_00014189	XLOC_006198			0,514388339
A_23_P162037	NM_001030273	ARNTL	aryl hydrocarbon receptor nuclear translocator-like	ENST00000389708	0,514346288
A_19_P00321230	NR_026921	LOC202181	chromosome 5 open reading frame 25 pseudogene		0,514327616
A_21_P0006980	TCONS_00018462	XLOC_008760			0,514322684
A_33_P3368560	BC050395	AHSA2	AHA1, activator of heat shock 90kDa protein ATPase homolog 2 (yeast)		0,514320983
A_24_P941922	ENST00000315544	CNOT4	CCR4-NOT transcription complex, subunit 4	ENST00000315544	0,514196926
A_33_P3392366	XR_132755	LOC100128366	uncharacterized LOC100128366		0,514037349
A_33_P3278560	NM_001010879	ZIK1	zinc finger protein interacting with K protein 1 homolog (mc	ENST00000356724	0,513824594
A_23_P122615	NM_032870	PNISR	PNN-interacting serine/arginine-rich protein	ENST00000438806	0,51378675
A_23_P363831	NM_033406	FBXO3	F-box protein 3	ENST00000532927	0,513484475
A_32_P189204	NM_174942	GAS2L3	growth arrest-specific 2 like 3	ENST00000266754	0,513473748
A_24_P223163	NM_138386	NAF1	nuclear assembly factor 1 homolog (S. cerevisiae)	ENST00000422287	0,513166477
A_24_P237613	NM_182488	USP12	ubiquitin specific peptidase 12	ENST00000282344	0,513035664
A_23_P25150	NM_006897	HOXC9	homeobox C9	ENST00000508190	0,513001277
A_21_P0007578	TCONS_00020465	XLOC_009798			0,512994838
A_21_P0002841	ENST00000424242	XLOC_003057		ENST00000424242	0,512957615

A_23_P109636	NM_015541	LRIG1	leucine-rich repeats and immunoglobulin-like domains 1	ENST00000383702	0,512935115
A_33_P3300867	AK124637	LOC100506514	uncharacterized LOC100506514		0,512654588
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,512592532
A_33_P3285877	NR_038194	C9orf146	chromosome 9 open reading frame 146	ENST00000381010	0,512384438
A_33_P3292851	ENST00000402301	UBE2I	ubiquitin-conjugating enzyme E2I	ENST00000402301	0,512298097
A_23_P387071	NM_052857	ZNF830	zinc finger protein 830	ENST00000361952	0,512226313
A_33_P3273266	NR_024380	LOC441666	zinc finger protein 91 pseudogene		0,512174889
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,512095982
A_33_P3299921	XM_001719518	LOC100128869	uncharacterized LOC100128869		0,511969856
A_21_P0009248	TCONS_00025394	XLOC_012209			0,511937894
A_21_P0007870	NR_028045	KLRAP1	killer cell lectin-like receptor subfamily A pseudogene 1	ENST00000510134	0,511868326
A_23_P101281	NM_032828	ZNF587	zinc finger protein 587	ENST00000339656	0,51183327
A_23_P305616	NR_015441	LOC652276	potassium channel tetramerisation domain containing 5 pseudogene	ENST00000399702	0,511809054
A_33_P3359683	NM_001172128	IL16	interleukin 16	ENST00000394655	0,511708563
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,511652755
A_23_P79145	NM_144694	ZNF570	zinc finger protein 570	ENST00000330173	0,511591012
A_33_P3571824	NM_004829	NCR1	natural cytotoxicity triggering receptor 1	ENST00000291890	0,51157613
A_33_P3306659	AB002446	LOC728254	uncharacterized LOC728254		0,51156564
A_33_P3387971	AK124342	FLJ42351	uncharacterized LOC400999		0,511562297
A_33_P3262292	NM_015562	UBXN7	UBX domain protein 7	ENST00000535858	0,511423102
A_33_P3253747	NM_000761	CYP1A2	cytochrome P450, family 1, subfamily A, polypeptide 2	ENST00000343932	0,511414986
A_33_P3379341	NM_001144931	LOC391322	D-dopachrome tautomerase-like		0,511410427
A_23_P168276	NM_004865	TBPL1	TBP-like 1	ENST00000237264	0,511357394
A_24_P261383	NM_024116	TAF1D	TATA box binding protein (TBP)-associated factor, RNA polymerase II	ENST00000527068	0,511306671
A_33_P3387320	ENST00000409000	RPL31	ribosomal protein L31	ENST00000409000	0,51127502
A_24_P132008	NM_002449	MSX2	msh homeobox 2	ENST00000239243	0,511150698
A_33_P3258003	NM_152788	ANKS1B	ankyrin repeat and sterile alpha motif domain containing 1E	ENST00000329257	0,511091632
A_19_P00319404	NR_026807	LINC00472	long intergenic non-protein coding RNA 472		0,511071729
A_24_P729905	NM_001077685	AGAP7	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000490752	0,511061201

A_24_P583225	NR_026999	LINC00265	long intergenic non-protein coding RNA 265	ENST00000423687	0,511060124
A_21_P0003711	ENST00000411638	WHSC2	Wolf-Hirschhorn syndrome candidate 2	ENST00000411638	0,510923611
A_23_P219084	NM_032924	ZNF3	zinc finger protein 3	ENST00000487620	0,510914236
A_24_P217234	NM_000341	SLC3A1	solute carrier family 3 (cystine, dibasic and neutral amino ac	ENST00000540334	0,510901955
A_33_P3223338	NR_024426	PARVG	parvin, gamma	ENST00000475485	0,510831272
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,510778954
A_24_P56689	NM_003456	ZNF205	zinc finger protein 205	ENST00000219091	0,510575174
A_23_P326204	NM_152621	SGMS2	sphingomyelin synthase 2	ENST00000394686	0,510406165
A_33_P3364308	BC040551	OTOA	otoancorin		0,510404494
A_21_P0008982	TCONS_00024487	XLOC_011806			0,510361155
A_19_P00319625	BC035182	LOC729178	uncharacterized LOC729178		0,510262096
A_19_P00318189	NR_038889	LOC401320	uncharacterized LOC401320	ENST00000434399	0,510233738
A_21_P0010839	TCONS_I2_00003163	XLOC_I2_001683			0,510146775
A_33_P3236642	NM_198551	MIA3	melanoma inhibitory activity family, member 3	ENST00000344507	0,510132747
A_23_P14649	NR_026808	ANP32A-IT1	ANP32A intronic transcript 1 (non-protein coding)		0,510128729
A_21_P0005900	TCONS_00015162	XLOC_007207			0,510110804
A_23_P307536	ENST00000480549	SH3D21	SH3 domain containing 21	ENST00000480549	0,510066006
A_23_P93629	NM_015905	TRIM24	tripartite motif containing 24	ENST00000415680	0,509973103
A_23_P372467	NM_152392	AHSA2	AHA1, activator of heat shock 90kDa protein ATPase homol	ENST00000484217	0,509895856
A_21_P0010642	ENST00000430316	XLOC_I2_001064		ENST00000430316	0,509830504
A_23_P167194	NM_001812	CENPC1	centromere protein C 1	ENST00000506882	0,509726118
A_23_P17382	NM_022095	ZNF335	zinc finger protein 335	ENST00000426788	0,509650571
A_23_P132784	NM_001013439	FXR1	fragile X mental retardation, autosomal homolog 1	ENST00000472339	0,509565546
A_23_P10815	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)	ENST00000257075	0,509562607
A_33_P3316562	NM_182398	RPS6KA5	ribosomal protein S6 kinase, 90kDa, polypeptide 5	ENST00000418736	0,509535121
A_23_P420196	NM_003745	SOCS1	suppressor of cytokine signaling 1	ENST00000332029	0,509505765
A_21_P0009928	DA407032	XLOC_013437			0,509476463
A_33_P3355407	NR_004404	RNU105A	RNA, U105A small nucleolar	ENST00000437681	0,509368689
A_33_P3273969	NM_014827	ZC3H11A	zinc finger CCCH-type containing 11A	ENST00000367214	0,509249432

A_21_P0008919	TCONS_00024360	XLOC_011682			0,509196596
A_21_P0014314	XR_109247	LOC100507458	uncharacterized LOC100507458		0,509195785
A_33_P3332970	NM_005127	CLEC2B	C-type lectin domain family 2, member B		0,509043823
A_33_P3329793	NR_003228	AFG3L1P	AFG3 ATPase family gene 3-like 1 (<i>S. cerevisiae</i>), pseudogener	ENST00000355531	0,508951619
A_33_P3331882	NM_001098482	CRTC1	CREB regulated transcription coactivator 1	ENST00000262813	0,508899238
A_24_P399083	NM_017853	TXNL4B	thioredoxin-like 4B	ENST00000423037	0,50885782
A_33_P3361398	ENST00000382477	C19orf26	chromosome 19 open reading frame 26	ENST00000382477	0,508812393
A_33_P3376444	AK127260	ZDHC23	zinc finger, DHHC-type containing 23	ENST00000488129	0,508807374
A_21_P0007640	TCONS_00020590	XLOC_009907			0,508740157
A_21_P0001545	XR_110473	LOC100505821	uncharacterized LOC100505821		0,508701946
A_21_P0007429	AK123657	XLOC_009079			0,508665024
A_33_P3356210	NM_001202439	B7H6	B7 homolog 6	ENST00000338965	0,508595594
A_24_P21715	NM_004584	RAD9A	RAD9 homolog A (<i>S. pombe</i>)	ENST00000307980	0,508588428
A_21_P0001900	ENST00000419650	XLOC_001620		ENST00000419650	0,508562672
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	0,50849636
A_33_P3275199	NM_003724	JRK	jerky homolog (mouse)	ENST00000422119	0,508158303
A_33_P3386532	ENST00000464758	MRPL38	mitochondrial ribosomal protein L38	ENST00000464758	0,5081344
A_23_P97021	NM_024852	EIF2C3	eukaryotic translation initiation factor 2C, 3	ENST00000373191	0,508080637
A_23_P111865	NM_145914	ZSCAN21	zinc finger and SCAN domain containing 21	ENST00000292450	0,507908723
A_23_P120227	NM_030915	LBH	limb bud and heart development homolog (mouse)	ENST00000395323	0,507831962
A_21_P0010197	ENST00000430001	XLOC_014047		ENST00000430001	0,507645024
A_32_P191503	NR_026999	LINC00265	long intergenic non-protein coding RNA 265		0,507626583
A_33_P3343493	NM_001470	GABBR1	gamma-aminobutyric acid (GABA) B receptor, 1	ENST00000466282	0,50756385
A_21_P0006852	TCONS_00018153	XLOC_008440			0,507539683
A_33_P3292179	NM_080283	ABCA9	ATP-binding cassette, sub-family A (ABC1), member 9	ENST00000370732	0,507395856
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,507365082
A_21_P0001469	TCONS_00001393	XLOC_000711			0,507317075
A_23_P101281	NM_032828	ZNF587	zinc finger protein 587	ENST00000339656	0,507298244
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,507283857

A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,507254968
A_21_P0000414	NR_003210	SNORD114-17	small nucleolar RNA, C/D box 114-17		0,507139395
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,507129272
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,507023843
A_23_P56736	NM_080386	TUBA3D	tubulin, alpha 3d	ENST00000321253	0,506973149
A_23_P103414	NM_016258	YTHDF2	YTH domain family, member 2	ENST00000542507	0,506715806
A_33_P3259148	NM_001145045	ZNF286B	zinc finger protein 286B	ENST00000421016	0,506677904
A_33_P3278392	BX538347	NFU1	NFU1 iron-sulfur cluster scaffold homolog (S. cerevisiae)		0,506636279
A_23_P111929	NM_016023	OTUD6B	OTU domain containing 6B	ENST00000524027	0,506470185
A_19_P00320579	NR_015431	FLJ43663	uncharacterized LOC378805		0,506419139
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,506370369
A_23_P127676	NM_014633	CTR9	Ctr9, Paf1/RNA polymerase II complex component, homolog	ENST00000361367	0,506319802
A_23_P40956	NM_016362	GHRL	ghrelin/obestatin prepropeptide	ENST00000287656	0,506251099
A_23_P255827	AF300871	FKSG2	tumor protein, translationally-controlled 1 pseudogene		0,5062122
A_33_P3212037	ENST00000369475	RNGTT	RNA guanylyltransferase and 5'-phosphatase	ENST00000369475	0,506092556
A_23_P104054	NM_016227	C1orf9	chromosome 1 open reading frame 9	ENST00000367723	0,506022787
A_33_P3259403	NM_175854	PAN3	PAN3 poly(A) specific ribonuclease subunit homolog (S. cerevisiae)	ENST00000380958	0,505893082
A_23_P360316	NM_000149	FUT3	fucosyltransferase 3 (galactoside 3(4)-L-fucosyltransferase, alpha 3)	ENST00000303225	0,505780604
A_23_P36226	NM_032315	SLC25A33	solute carrier family 25, member 33	ENST00000302692	0,505753449
A_23_P101281	NM_032828	ZNF587	zinc finger protein 587	ENST00000339656	0,505708812
A_32_P221958	NM_001077685	AGAP7	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000413193	0,505642037
A_33_P3328921	NR_024081	C14orf165	chromosome 14 open reading frame 165		0,505520406
A_21_P0006340	ENST00000412339	XLOC_007275		ENST00000412339	0,505367103
A_24_P340800	NM_198484	ZNF621	zinc finger protein 621	ENST00000453351	0,505350536
A_23_P122615	NM_032870	PNISR	PNN-interacting serine/arginine-rich protein	ENST00000438806	0,505334728
A_33_P3419545	NM_001193478	CDADC1	cytidine and dCMP deaminase domain containing 1	ENST00000538056	0,50527291
A_33_P3283669	NM_152296	ATP1A3	ATPase, Na ⁺ /K ⁺ transporting, alpha 3 polypeptide	ENST00000545399	0,505266043
A_33_P3414903	ENST00000367550	NPL	N-acetylneuraminic acid pyruvate lyase (dihydrodipicolinate synthase)	ENST00000367550	0,505142234
A_21_P0011594	TCONS_I2_0001081	XLOC_I2_006101			0,505110382

A_21_P0000233	NR_001456	SNORD38A	small nucleolar RNA, C/D box 38A		0,505059706
A_23_P101281	NM_032828	ZNF587	zinc finger protein 587	ENST00000339656	0,505035031
A_23_P7402	NM_178140	PDZD2	PDZ domain containing 2	ENST00000513490	0,505019299
A_23_P101281	NM_032828	ZNF587	zinc finger protein 587	ENST00000339656	0,504843328
A_23_P104054	NM_016227	C1orf9	chromosome 1 open reading frame 9	ENST00000367723	0,504789439
A_21_P0012830	TCONS_I2_0002233	XLOC_I2_011604			0,504729946
A_23_P5586	NM_005791	MPHOSPH10	M-phase phosphoprotein 10 (U3 small nucleolar ribonucleo	ENST00000476969	0,504706412
A_21_P0011093	TCONS_I2_0000619	XLOC_I2_003335			0,504668603
A_33_P3228862	NM_001129890	LRR69	leucine rich repeat containing 69	ENST00000343709	0,504655965
A_33_P3319331	AK123605	PRDM2	PR domain containing 2, with ZNF domain		0,504582962
A_21_P0012598	TCONS_I2_0002059	XLOC_I2_010724			0,504389566
A_23_P358662	NM_001040157	CEP44	centrosomal protein 44kDa	ENST00000503780	0,504378271
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599	0,504152513
A_33_P3344127	NM_003512	HIST1H2AC	histone cluster 1, H2ac	ENST00000377791	0,504018041
A_21_P0001088	ENST00000442483	XLOC_000677		ENST00000442483	0,503956295
A_23_P152995	NM_001045	SLC6A4	solute carrier family 6 (neurotransmitter transporter, serot	ENST00000261707	0,503934009
A_21_P0003885	NM_002337	LRPAP1	low density lipoprotein receptor-related protein associated	ENST00000500728	0,503866564
A_33_P3324181	AK096599	LOC283112	uncharacterized LOC283112		0,503860308
A_19_P00318715	NR_015431	FLJ43663	uncharacterized LOC378805		0,503836094
A_33_P3397147	NM_001009993	FAM168B	family with sequence similarity 168, member B	ENST00000354183	0,503825563
A_24_P36285	NM_013398	ZNF224	zinc finger protein 224	ENST00000336976	0,503806996
A_33_P3328659	NM_014246	CELSR1	cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo l	ENST00000262738	0,503798099
A_21_P0000898	NR_040073	LOC100131234	familial acute myelogenous leukemia related factor		0,503769526
A_33_P3279715	NM_152896	UHRF2	ubiquitin-like with PHD and ring finger domains 2	ENST00000381373	0,5037558
A_23_P105012	NM_017878	HRASLS2	HRAS-like suppressor 2	ENST00000255695	0,503741892
A_21_P0011580	TCONS_I2_0001114	XLOC_I2_006025			0,503656309
A_23_P104054	NM_016227	C1orf9	chromosome 1 open reading frame 9	ENST00000367723	0,503655653
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,503555811
A_23_P202881	NM_005103	FEZ1	fasciculation and elongation protein zeta 1 (zygin I)	ENST00000528863	0,503538856

A_33_P3382147	ENST00000487412	STARD13	StAR-related lipid transfer (START) domain containing 13	ENST00000487412	0,50346389
A_21_P0005759	TCONS_00014849	XLOC_006915			0,503401825
A_23_P111811	NM_019071	ING3	inhibitor of growth family, member 3	ENST00000427726	0,503339678
A_33_P3376239	NM_182931	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax homologue 5)	ENST00000257745	0,503299352
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	0,503033445
A_33_P3394789	XR_132982	LOC100653296	uncharacterized LOC100653296		0,503015192
A_21_P0005893	TCONS_00015148	XLOC_007191			0,502841648
A_33_P3218760	NM_080599	UPF2	UPF2 regulator of nonsense transcripts homolog (yeast)	ENST00000397053	0,502825708
A_21_P0002976	TCONS_00006093	XLOC_002702			0,502771748
A_24_P253780	NM_145663	DBF4B	DBF4 homolog B (<i>S. cerevisiae</i>)	ENST00000393547	0,502744566
A_21_P0014355	XR_109425	LOC100134391	uncharacterized LOC100134391		0,502684678
A_32_P101352	NM_001025265	CXorf65	chromosome X open reading frame 65	ENST00000438526	0,502646861
A_23_P109636	NM_015541	LRIG1	leucine-rich repeats and immunoglobulin-like domains 1	ENST00000383702	0,502466974
A_23_P411922	NM_001031698	PRPF40B	PRP40 pre-mRNA processing factor 40 homolog B (<i>S. cerevisiae</i>)	ENST00000261897	0,502348297
A_33_P3285430	ENST00000547640	DNM1L	dynamamin 1-like	ENST00000547640	0,502285136
A_21_P0007004	THC2671510	XLOC_008855			0,50220164
A_23_P109072	NM_020436	SALL4	sal-like 4 (<i>Drosophila</i>)	ENST00000371539	0,502166156
A_23_P300090	NM_032128	SLC10A7	solute carrier family 10 (sodium/bile acid cotransporter family)	ENST00000394059	0,502128264
A_33_P3342076	NM_015866	PRDM2	PR domain containing 2, with ZNF domain	ENST00000400800	0,50209685
A_33_P3378665	NM_152332	TC2N	tandem C2 domains, nuclear	ENST00000340892	0,501960599
A_33_P3386506	NM_001144961	NFKBIL1	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000460131	0,501952672
A_21_P0009514	TCONS_00026394	XLOC_012743			0,501920346
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,501889152
A_23_P111860	NM_018059	RADIL	Ras association and DIL domains	ENST00000316919	0,501830121
A_21_P0009114	THC2669701	XLOC_011819			0,501820875
A_21_P0000271	NR_002588	SNORA4	small nucleolar RNA, H/ACA box 4	ENST00000468362	0,501819483
A_33_P3390177	NR_033929	FLJ34208	uncharacterized LOC401106		0,501790669
A_33_P3225046	NM_001025109	CD34	CD34 molecule	ENST00000367037	0,501775418
A_21_P0004468	TCONS_00010554	XLOC_005081			0,501655296

A_21_P0013577	AL117574	XLOC_I2_014830			0,5016029
A_21_P0009677	TCONS_00026870	XLOC_012922			0,501588643
A_23_P411833	NM_145294	WDR90	WD repeat domain 90	ENST00000547407	0,501550195
A_23_P386364	NM_144657	HDX	highly divergent homeobox	ENST00000373177	0,5015248
A_23_P356554	NM_004282	BAG2	BCL2-associated athanogene 2	ENST00000545080	0,501520171
A_33_P3461039	AK055712	LOC728705	uncharacterized LOC728705		0,501395696
A_19_P00809382	NM_015048	SETD1B	SET domain containing 1B	ENST00000267197	0,50116706
A_23_P18055	NR_024615	C3orf51	chromosome 3 open reading frame 51		0,501158764
A_23_P54230	NM_207660	ZC3H14	zinc finger CCCH-type containing 14	ENST00000557605	0,501103538
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,501030811
A_33_P3364038	NM_001145805	IRGM	immunity-related GTPase family, M	ENST00000522154	0,501016857
A_23_P139143	NM_004177	STX3	syntaxin 3	ENST00000300150	0,500969881
A_21_P0002543	TCONS_00004592	XLOC_002497			0,500893003
A_21_P0014357	ENST00000521847	ENDOV	endonuclease V	ENST00000521847	0,500751853
A_23_P211785	NM_003420	ZNF35	zinc finger protein 35	ENST00000396056	0,500748706
A_21_P0014412	XR_109659	LOC100289065	uncharacterized LOC100289065	ENST00000455275	0,500744115
A_33_P3356245	NM_017879	ZNF416	zinc finger protein 416	ENST00000359489	0,500588449
A_24_P269432	NM_005868	BET1	blocked early in transport 1 homolog (S. cerevisiae)	ENST00000222547	0,500583943
A_33_P3839897	DW419002	RNU4ATAC	RNA, U4atac small nuclear (U12-dependent splicing)		0,500333557
A_32_P30831	NR_040058	LOC100505648	uncharacterized LOC100505648		0,500297901
A_23_P142590	NM_030768	ILKAP	integrin-linked kinase-associated serine/threonine phosphatase	ENST00000479400	0,500238001
A_21_P0002537	TCONS_00004570	XLOC_002477			0,500230843
A_21_P0005679	TCONS_00014664	XLOC_006763			0,500212013
A_33_P3327663	ENST00000366877	SUSD4	sushi domain containing 4	ENST00000366877	0,500181984
A_23_P96688	NM_016028	SUV420H1	suppressor of variegation 4-20 homolog 1 (Drosophila)	ENST00000323599	0,500144288
A_24_P340696	NM_014509	SERHL2	serine hydrolase-like 2	ENST00000455578	0,500077902
A_24_P186342	NM_020917	ZFP14	zinc finger protein 14 homolog (mouse)	ENST00000270001	-0,500262571
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,500362176
A_21_P0009165	ENST00000444464	XLOC_012170		ENST00000444464	-0,500392581

A_23_P102122	NM_152862	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	ENST00000470146	-0,500454888
A_23_P10911	NM_173542	PLBD2	phospholipase B domain containing 2	ENST00000280800	-0,50049324
A_23_P101319	NM_152354	ZNF285	zinc finger protein 285	ENST00000544719	-0,500498271
A_23_P7853	NM_007058	CAPN11	calpain 11	ENST00000533604	-0,500517674
A_23_P148475	NM_012310	KIF4A	kinesin family member 4A	ENST00000544650	-0,500589915
A_23_P120594	NM_032501	ACSS1	acyl-CoA synthetase short-chain family member 1	ENST00000537502	-0,500618704
A_21_P0008950	TCONS_00024424	XLOC_011740			-0,500633991
A_23_P101093	NM_016429	COPZ2	coatamer protein complex, subunit zeta 2	ENST00000006101	-0,500669665
A_33_P3423230	NM_001184880	PCDH19	protocadherin 19	ENST00000255531	-0,500729127
A_23_P402319	NM_152687	GAPT	GRB2-binding adaptor protein, transmembrane	ENST00000318469	-0,50073785
A_21_P0000721	NR_038206	LOC100616530	tospeak		-0,50078471
A_33_P3357843	NM_000232	SGCB	sarcoglycan, beta (43kDa dystrophin-associated glycoprotein)	ENST00000381431	-0,500804277
A_33_P3392787	NM_001008723	CCDC147	coiled-coil domain containing 147	ENST00000312902	-0,500908737
A_23_P121825	NM_024941	C5orf44	chromosome 5 open reading frame 44	ENST00000545191	-0,500910581
A_23_P115824	NM_012207	HNRNPH3	heterogeneous nuclear ribonucleoprotein H3 (2H9)	ENST00000265866	-0,501078031
A_23_P150009	NM_198046	ZDHHC16	zinc finger, DHHC-type containing 16	ENST00000487315	-0,501102911
A_24_P169386	NM_001040710	C2orf84	chromosome 2 open reading frame 84	ENST00000456591	-0,501229221
A_23_P214459	NM_000322	PRPH2	peripherin 2 (retinal degeneration, slow)	ENST00000230381	-0,501330674
A_23_P70355	NM_004568	SERPINB6	serpin peptidase inhibitor, clade B (ovalbumin), member 6	ENST00000380520	-0,501341744
A_23_P104762	NM_006106	YAP1	Yes-associated protein 1	ENST00000531439	-0,501348598
A_21_P0002221	BI827896	XLOC_001484			-0,50138816
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,501389604
A_19_P00320622	THC2519238	XLOC_014192			-0,501413735
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,501425667
A_24_P230514	AK094424	LOC100130924	uncharacterized LOC100130924		-0,501429415
A_19_P00320716	BG211210	XLOC_003204			-0,501439746
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,501481718
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,501490508
A_33_P3269678	NR_015395	LOC541471	uncharacterized LOC541471		-0,501503023

A_23_P127088	NM_024040	CUEDC2	CUE domain containing 2	ENST00000369937	-0,501610702
A_21_P0010430	TCONS_00029633	XLOC_014288			-0,501662125
A_23_P24751	NM_173810	TTC9C	tetratricopeptide repeat domain 9C	ENST00000532583	-0,501668311
A_24_P382765	NM_005008	NHP2L1	NHP2 non-histone chromosome protein 2-like 1 (S. cerevisi	ENST00000401959	-0,501731378
A_23_P35349	NM_021738	SVIL	supervillin	ENST00000355867	-0,501780723
A_24_P193600	NM_003450	ZNF174	zinc finger protein 174	ENST00000268655	-0,50180331
A_23_P129801	NM_006822	RAB40B	RAB40B, member RAS oncogene family	ENST00000269347	-0,50187997
A_33_P3221253	NM_005578	LPP	LIM domain containing preferred translocation partner in li	ENST00000312675	-0,501891423
A_23_P169003	NM_022071	SH2D4A	SH2 domain containing 4A	ENST00000519207	-0,501893721
A_33_P3306163	NM_001177388	LGALS3	lectin, galactoside-binding, soluble, 3	ENST00000556322	-0,501990426
A_23_P310582	NM_138729	ST7L	suppression of tumorigenicity 7 like	ENST00000418497	-0,501994382
A_21_P0014166	XR_108672	LOC100506379	uncharacterized LOC100506379		-0,502038207
A_21_P0011221	ENST00000413501	XLOC_l2_003911		ENST00000413501	-0,502127364
A_21_P0004380	BX098598	XLOC_004799			-0,502232503
A_23_P258483	NM_024669	ANKRD55	ankyrin repeat domain 55	ENST00000434982	-0,502258151
A_33_P3352103	NM_138794	LYPLAL1	lysophospholipase-like 1	ENST00000366927	-0,502292058
A_23_P203900	NM_005505	SCARB1	scavenger receptor class B, member 1	ENST00000376788	-0,502302305
A_33_P3383866	NM_016381	TREX1	three prime repair exonuclease 1	ENST00000422277	-0,502336105
A_23_P169629	NM_005412	SHMT2	serine hydroxymethyltransferase 2 (mitochondrial)	ENST00000554467	-0,502379597
A_33_P3417532	NM_001199799	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209	-0,50241236
A_23_P124837	NM_002332	LRP1	low density lipoprotein receptor-related protein 1	ENST00000556356	-0,502495109
A_23_P122796	NM_016063	HDDC2	HD domain containing 2	ENST00000398153	-0,502521008
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,502816872
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypepti	ENST00000361441	-0,503009193
A_33_P3400763	NM_001080400	PLIN4	perilipin 4	ENST00000301286	-0,503014494
A_23_P124837	NM_002332	LRP1	low density lipoprotein receptor-related protein 1	ENST00000556356	-0,503019519
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypepti	ENST00000361441	-0,503026813
A_23_P24922	NM_001144869	LIPT2	lipoyl(octanoyl) transferase 2 (putative)	ENST00000310109	-0,503075479
A_23_P61531	NM_000404	GLB1	galactosidase, beta 1	ENST00000445488	-0,503096319

A_23_P102122	NM_152862	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	ENST00000470146	-0,503193111
A_32_P152195	NM_198993	STAC2	SH3 and cysteine rich domain 2	ENST00000333461	-0,503239639
A_24_P269619	NM_001359	DECR1	2,4-dienoyl CoA reductase 1, mitochondrial	ENST00000518725	-0,503322078
A_23_P99891	NM_022566	MESDC1	mesoderm development candidate 1	ENST00000267984	-0,50351
A_23_P387552	NM_000966	RARG	retinoic acid receptor, gamma	ENST00000425354	-0,503512035
A_24_P6428	NM_022106	C20orf177	chromosome 20 open reading frame 177	ENST00000358293	-0,503515724
A_33_P3297050	NM_033087	ALG2	asparagine-linked glycosylation 2, alpha-1,3-mannosyltransf	ENST00000238477	-0,503525934
A_33_P3353732	AK092544	LOC100131581	uncharacterized LOC100131581		-0,503543827
A_21_P0010473	BC040576	XLOC_014323		ENST00000422876	-0,50366378
A_23_P164826	NM_006397	RNASEH2A	ribonuclease H2, subunit A	ENST00000221486	-0,503707359
A_23_P103398	NM_000447	PSEN2	presenilin 2 (Alzheimer disease 4)	ENST00000366783	-0,503740433
A_23_P41390	NM_018986	SH3TC1	SH3 domain and tetratricopeptide repeats 1	ENST00000502669	-0,503805223
A_24_P23995	NM_001010858	RNF187	ring finger protein 187	ENST00000463833	-0,50381702
A_24_P911094	ENST00000376439	RABL2A	RAB, member of RAS oncogene family-like 2A	ENST00000376439	-0,50397626
A_23_P115356	NM_003689	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyc	ENST00000235835	-0,504058497
A_33_P3237669	NM_144688	CCDC155	coiled-coil domain containing 155	ENST00000447857	-0,504109338
A_21_P0010528	TCONS_I2_0000027	XLOC_I2_000196			-0,504119202
A_23_P106405	NM_002487	NDN	necdin homolog (mouse)	ENST00000331837	-0,504129079
A_33_P3381870	NM_001978	EPB49	erythrocyte membrane protein band 4.9 (dematin)	ENST00000358242	-0,504130567
A_24_P202581	NM_199002	ARHGEF1	Rho guanine nucleotide exchange factor (GEF) 1	ENST00000378152	-0,50424923
A_33_P3234899	NM_002795	PSMB3	proteasome (prosome, macropain) subunit, beta type, 3	ENST00000225426	-0,504373128
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,504393055
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,504495356
A_33_P3394213	NM_138690	GRIN3B	glutamate receptor, ionotropic, N-methyl-D-aspartate 3B	ENST00000234389	-0,504505492
A_23_P115356	NM_003689	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyc	ENST00000235835	-0,504601074
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,504611092
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,504644551
A_23_P100441	NM_024946	FAM192A	family with sequence similarity 192, member A	ENST00000309137	-0,50465978
A_23_P334608	NM_000181	GUSB	glucuronidase, beta	ENST00000345660	-0,504768704

A_32_P183918	NR_033851	MGC39372	serpin peptidase inhibitor, clade B (ovalbumin), member 9 pseudogene		-0,504786502
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,504816138
A_21_P0008539	TCONS_00023122	XLOC_011056			-0,504904911
A_21_P0004657	ENST00000456887	XLOC_005331		ENST00000456887	-0,505006089
A_23_P500400	NM_080284	ABCA6	ATP-binding cassette, sub-family A (ABC1), member 6	ENST00000284425	-0,505146092
A_21_P0010512	NR_040065	LOC728716	uncharacterized LOC728716	ENST00000456897	-0,505273302
A_24_P416131	NM_021149	COTL1	coactosin-like 1 (Dictyostelium)	ENST00000262428	-0,505330999
A_21_P0014346	XR_109386	LOC100505899	uncharacterized LOC100505899		-0,505386962
A_32_P52153	NR_038453	LOC728978	uncharacterized LOC728978	ENST00000447119	-0,505448621
A_24_P391260	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000494690	-0,505462409
A_33_P3393360	AK124783	LOC100130927	uncharacterized LOC100130927		-0,505595717
A_33_P3267799	NM_006847	LILRB4	leukocyte immunoglobulin-like receptor, subfamily B (with	ENST00000270452	-0,505599274
A_33_P3277198	NM_004854	CHST10	carbohydrate sulfotransferase 10	ENST00000409701	-0,505625268
A_21_P0011922	THC2684423	XLOC_I2_008043			-0,505709849
A_33_P3310475	NM_018243	Sep-11	septin 11	ENST00000264893	-0,505771725
A_23_P55504	NM_002551	OR3A2	olfactory receptor, family 3, subfamily A, member 2	ENST00000408891	-0,505910416
A_24_P75072	NM_014311	SMUG1	single-strand-selective monofunctional uracil-DNA glycosylase	ENST00000503306	-0,505966372
A_23_P23783	NM_000261	MYOC	myocilin, trabecular meshwork inducible glucocorticoid response	ENST00000536591	-0,50612927
A_23_P153360	NM_024104	C19orf42	chromosome 19 open reading frame 42	ENST00000487803	-0,506198784
A_23_P217946	NM_022124	CDH23	cadherin-related 23	ENST00000299366	-0,506265476
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,506315098
A_24_P54485	NM_032357	CCDC115	coiled-coil domain containing 115	ENST00000437688	-0,506347933
A_24_P12904	NM_032012	C9orf5	chromosome 9 open reading frame 5	ENST00000482868	-0,506380189
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,506402983
A_33_P3253440	NM_152391	PQLC3	PQ loop repeat containing 3	ENST00000487471	-0,506461154
A_24_P298013	NM_019096	GTPBP2	GTP binding protein 2	ENST00000434548	-0,506474318
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,506529129
A_23_P203743	NM_012296	GAB2	GRB2-associated binding protein 2	ENST00000361507	-0,506549208
A_23_P102864	NM_002772	TMPRSS15	transmembrane protease, serine 15	ENST00000284885	-0,506670944

A_19_P00806765	NR_034096	FONG	uncharacterized LOC348751	ENST00000416668	-0,506929161
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000361441	-0,506929602
A_33_P3367106	NR_003242	PFN1P2	profilin 1 pseudogene 2		-0,506967919
A_21_P0002379	TCONS_00004094	XLOC_001929			-0,506968377
A_23_P414519	NM_016588	NRN1	neuritin 1	ENST00000495850	-0,507025432
A_23_P208674	NM_175063	C19orf63	chromosome 19 open reading frame 63	ENST00000376918	-0,507065064
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,507080716
A_33_P3245434	ENST00000519496	TBC1D3	TBC1 domain family, member 3	ENST00000519496	-0,507093387
A_21_P0010703	ENST00000443284	XLOC_I2_000217		ENST00000443284	-0,507300558
A_24_P319364	NM_016946	F11R	F11 receptor	ENST00000368026	-0,507373577
A_21_P0013591	XR_108989	LOC100507540	uncharacterized LOC100507540		-0,507504245
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,507541684
A_24_P404033	NM_182616	C15orf38	chromosome 15 open reading frame 38	ENST00000460685	-0,507561533
A_21_P0012324	ENST00000444848	XLOC_I2_009363		ENST00000444848	-0,507591681
A_23_P103398	NM_000447	PSEN2	presenilin 2 (Alzheimer disease 4)	ENST00000366783	-0,507655441
A_33_P3333317	NM_001008211	OPTN	optineurin	ENST00000263036	-0,507799175
A_23_P380998	NM_015361	R3HDM1	R3H domain containing 1	ENST00000329971	-0,507804634
A_23_P126623	NM_002631	PGD	phosphogluconate dehydrogenase	ENST00000541529	-0,507846191
A_19_P00319800	NR_040074	LOC100287225	uncharacterized LOC100287225	ENST00000435144	-0,507881479
A_33_P3413098	NR_024618	LOC100129550	uncharacterized LOC100129550		-0,507909095
A_23_P251421	NM_031942	CDCA7	cell division cycle associated 7	ENST00000467411	-0,508005717
A_23_P118105	NM_004548	NDUFB10	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10,	ENST00000268668	-0,508012911
A_23_P100022	NM_014848	SV2B	synaptic vesicle glycoprotein 2B	ENST00000557410	-0,508135288
A_23_P124044	NM_021008	DEAF1	deformed epidermal autoregulatory factor 1 (Drosophila)	ENST00000527658	-0,508150131
A_33_P3741835	AK127166	ZCCHC23	zinc finger, CCHC domain containing 23		-0,508169773
A_23_P115356	NM_003689	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyde	ENST00000235835	-0,508254987
A_23_P61960	NM_145230	ATP6V0E2	ATPase, H ⁺ transporting V0 subunit e2	ENST00000307445	-0,508268537
A_23_P45087	NM_016220	ZNF107	zinc finger protein 107	ENST00000423627	-0,508302582
A_23_P50990	NM_024322	CENPO	centromere protein O	ENST00000260662	-0,508365286

A_33_P3368830	NM_001033667	LY9	lymphocyte antigen 9	ENST00000368039	-0,508487949
A_33_P3266010	NM_004292	RIN1	Ras and Rab interactor 1	ENST00000424433	-0,508545911
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,50855127
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,508573522
A_21_P0010934	ENST00000446200	XLOC_I2_001851		ENST00000446200	-0,508742998
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,508767646
A_21_P0007810	TCONS_00021007	XLOC_010268			-0,50879112
A_21_P0014587	XR_110409	LOC100507058	uncharacterized LOC100507058	ENST00000417931	-0,508867067
A_33_P3330872	NM_078629	MSL3	male-specific lethal 3 homolog (Drosophila)	ENST00000380692	-0,508903976
A_21_P0012810	ENST00000510975	XLOC_I2_011309		ENST00000510975	-0,50890942
A_23_P11032	NM_032591	SLC9A7	solute carrier family 9 (sodium/hydrogen exchanger), mem	ENST00000491894	-0,508951266
A_21_P0011591	NR_027412	LOC100130581	uncharacterized LOC100130581	ENST00000341011	-0,508962231
A_24_P295379	NM_020960	GPR107	G protein-coupled receptor 107	ENST00000372406	-0,508968701
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,5090578
A_33_P3294509	NM_000610	CD44	CD44 molecule (Indian blood group)	ENST00000263398	-0,509086983
A_21_P0010386	NR_027036	LOC100271722	uncharacterized LOC100271722		-0,509107006
A_19_P00322856	NM_001145191	FAM200B		ENST00000502502	-0,509113044
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,509150074
A_23_P44836	NM_022908	NT5DC2	5'-nucleotidase domain containing 2	ENST00000478091	-0,509174623
A_24_P130363	NM_181482	C18orf1	chromosome 18 open reading frame 1	ENST00000359446	-0,509237816
A_21_P0014254	XR_109026	LOC645954	supervillin pseudogene		-0,509309158
A_33_P3234809	NM_003466	PAX8	paired box 8	ENST00000429538	-0,509317154
A_23_P115356	NM_003689	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyc	ENST00000235835	-0,509395923
A_23_P345674	NM_021216	ZNF71	zinc finger protein 71	ENST00000328070	-0,509409703
A_19_P00317141	NR_034143	LOC729177	uncharacterized LOC729177		-0,509478813
A_23_P64954	NM_003481	USP5	ubiquitin specific peptidase 5 (isopeptidase T)	ENST00000542371	-0,509565907
A_33_P3421338	NM_001080443	KIF18B	kinesin family member 18B	ENST00000376982	-0,509663701
A_23_P102122	NM_152862	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	ENST00000470146	-0,50971944
A_24_P280113	NM_001560	IL13RA1	interleukin 13 receptor, alpha 1	ENST00000371666	-0,509724714

A_21_P0011284	NR_027293	LOC96610	BMS1 homolog, ribosome assembly protein (yeast) pseudo	ENST00000426066	-0,509732087
A_24_P409230	NM_001004460	OR10A2	olfactory receptor, family 10, subfamily A, member 2	ENST00000307322	-0,509747282
A_24_P294982	NM_016485	VTA1	Vps20-associated 1 homolog (<i>S. cerevisiae</i>)	ENST00000427932	-0,509784866
A_23_P88559	NM_000236	LIPC	lipase, hepatic	ENST00000356113	-0,509875004
A_23_P200096	NM_025106	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1	ENST00000377399	-0,50989601
A_32_P40596	NM_001204269	KCNA2	potassium voltage-gated channel, shaker-related subfamily,	ENST00000369770	-0,50991337
A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704	-0,509955325
A_33_P3371219	NM_002998	SDC2	syndecan 2		-0,510067569
A_33_P3402817	NM_001145148	CRHR1	corticotropin releasing hormone receptor 1	ENST00000339069	-0,510097837
A_23_P140384	NM_001911	CTSG	cathepsin G	ENST00000216336	-0,510179208
A_19_P00322409	NR_034115	LOC729178	uncharacterized LOC729178		-0,510294341
A_24_P225961	NM_004393	DAG1	dystroglycan 1 (dystrophin-associated glycoprotein 1)	ENST00000308775	-0,510305329
A_21_P0005352	AK024457	LOC100288594	uncharacterized LOC100288594		-0,510310976
A_23_P334608	NM_000181	GUSB	glucuronidase, beta	ENST00000345660	-0,510322146
A_23_P423331	NM_032536	NTNG2	netrin G2	ENST00000360670	-0,510372312
A_23_P106874	NM_031293	PMFBP1	polyamine modulated factor 1 binding protein 1	ENST00000379073	-0,510402348
A_23_P86917	NM_003824	FADD	Fas (TNFRSF6)-associated via death domain	ENST00000301838	-0,510404111
A_23_P357101	NM_145298	APOBEC3F	apolipoprotein B mRNA editing enzyme, catalytic polypepti	ENST00000308521	-0,510432905
A_19_P00321761	ENST00000412979	XLOC_002310		ENST00000412979	-0,510477116
A_33_P3251148	NM_000714	TSPO	translocator protein (18kDa)	ENST00000329563	-0,510511118
A_24_P69691	NM_145011	ZNF25	zinc finger protein 25	ENST00000374633	-0,510559195
A_21_P0006455	ENST00000416989	XLOC_008184		ENST00000416989	-0,510616504
A_23_P112004	NM_012472	LRR6	leucine rich repeat containing 6	ENST00000395414	-0,510678477
A_23_P362191	NR_026951	LINC00324	long intergenic non-protein coding RNA 324	ENST00000315707	-0,510745775
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,510996958
A_21_P0003693	TCONS_00008368	XLOC_003823			-0,511008804
A_21_P0008260	DA144211	XLOC_010670			-0,5110243
A_23_P118289	NM_004765	BCL7C	B-cell CLL/lymphoma 7C	ENST00000215115	-0,511112733
A_33_P3892608	NM_198503	KCNT2	potassium channel, subfamily T, member 2	ENST00000294725	-0,511125046

A_24_P413988	NM_006464	TGOLN2	trans-golgi network protein 2	ENST00000377386	-0,511190584
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,511210958
A_21_P0004231	TCONS_00009878	XLOC_004300			-0,511218104
A_23_P10385	NM_016448	DTL	denticleless homolog (Drosophila)	ENST00000475419	-0,511246037
A_33_P3355703	NM_001012706	C14orf182	chromosome 14 open reading frame 182	ENST00000399206	-0,511263905
A_23_P106874	NM_031293	PMFBP1	polyamine modulated factor 1 binding protein 1	ENST00000379073	-0,51127502
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,511318646
A_33_P3215363	ENST00000407815	TCF23	transcription factor 23	ENST00000407815	-0,51134871
A_32_P46214	NM_173653	SLC9A9	solute carrier family 9 (sodium/hydrogen exchanger), mem1	ENST00000316549	-0,511358718
A_23_P70249	NM_001790	CDC25C	cell division cycle 25 homolog C (S. pombe)	ENST00000356505	-0,511363115
A_33_P3236412	NR_040115	ANKRD62P1-PAF	ANKRD62P1-PARP4P3 readthrough (non-protein coding)	ENST00000338526	-0,511395752
A_32_P313405	NM_005559	LAMA1	laminin, alpha 1	ENST00000488064	-0,51140534
A_23_P309739	NM_000125	ESR1	estrogen receptor 1	ENST00000206249	-0,511478453
A_23_P103398	NM_000447	PSEN2	presenilin 2 (Alzheimer disease 4)	ENST00000366783	-0,51152313
A_23_P162142	NM_015516	TSKU	tsukushi small leucine rich proteoglycan homolog (Xenopus	ENST00000439807	-0,511592564
A_21_P0013651	TCONS_I2_0002934	XLOC_I2_015213			-0,511609497
A_33_P3409159	NM_015482	SLC22A23	solute carrier family 22, member 23	ENST00000406686	-0,511622508
A_33_P3297930	NM_005202	COL8A2	collagen, type VIII, alpha 2	ENST00000373172	-0,511686201
A_33_P3239332	BC040725	LOC284260	uncharacterized LOC284260		-0,511695623
A_23_P90804	NM_145686	MAP4K4	mitogen-activated protein kinase kinase kinase kinase 4	ENST00000414004	-0,51169762
A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704	-0,511698805
A_24_P99046	NM_015000	STK38L	serine/threonine kinase 38 like	ENST00000389032	-0,511708961
A_21_P0001102	ENST00000447908	XLOC_000710		ENST00000447908	-0,511721547
A_23_P124044	NM_021008	DEAF1	deformed epidermal autoregulatory factor 1 (Drosophila)	ENST00000527658	-0,511725301
A_21_P0009215	TCONS_00025293	XLOC_012095			-0,511739039
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,511777818
A_23_P381102	NM_207310	CCDC74B	coiled-coil domain containing 74B	ENST00000392984	-0,511812873
A_21_P0008873	NM_001243722	LOC729264	TP53-target gene 3 protein-like	ENST00000360260	-0,511939824
A_23_P218369	NM_032963	CCL14	chemokine (C-C motif) ligand 14	ENST00000536149	-0,511971029

A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,512028456
A_23_P255884	NM_198252	GSN	gelsolin	ENST00000545652	-0,512029726
A_32_P99432	NM_174894	TRAPPC5	trafficking protein particle complex 5	ENST00000317378	-0,512089407
A_21_P0001447	ENST00000442712	XLOC_000642		ENST00000442712	-0,512227922
A_33_P3738458	NM_022648	TNS1	tensin 1	ENST00000171887	-0,512242883
A_23_P76015	NM_014786	ARHGEF17	Rho guanine nucleotide exchange factor (GEF) 17	ENST00000263674	-0,512303439
A_33_P3318530	NR_015364	LOC441204	uncharacterized LOC441204		-0,512333866
A_23_P215832	NM_004889	ATP5J2	ATP synthase, H ⁺ transporting, mitochondrial Fo complex, s	ENST00000394186	-0,512349999
A_23_P429560	NM_018984	SSH1	slingshot homolog 1 (Drosophila)	ENST00000546433	-0,512370092
A_23_P378690	NM_001008495	TMEM64	transmembrane protein 64	ENST00000458549	-0,512401352
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,512455702
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,512481589
A_21_P0010277	TCONS_00029116	XLOC_014066			-0,512548691
A_21_P0009711	NR_026887	LOC80054	uncharacterized LOC80054		-0,512621514
A_23_P115356	NM_003689	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyc	ENST00000235835	-0,512799159
A_21_P0002203	TCONS_00003655	XLOC_001443			-0,51281285
A_33_P3389634	NM_001747	CAPG	capping protein (actin filament), gelsolin-like	ENST00000409724	-0,512872517
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,512962113
A_21_P0014016	XM_003403473	LOC100652727	uncharacterized LOC100652727		-0,513041864
A_23_P113553	NM_001011544	MAGEA11	melanoma antigen family A, 11	ENST00000355220	-0,513060183
A_23_P212284	NM_015426	POC1A	POC1 centriolar protein homolog A (Chlamydomonas)	ENST00000394970	-0,513088393
A_23_P114952	NM_016456	TMEM9	transmembrane protein 9	ENST00000472411	-0,513199137
A_24_P233850	NM_003001	SDHC	succinate dehydrogenase complex, subunit C, integral mem	ENST00000392169	-0,513223968
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129	-0,513230311
A_24_P270829	NM_000173	GP1BA	glycoprotein Ib (platelet), alpha polypeptide	ENST00000438881	-0,513249397
A_21_P0007565	ENST00000548617	XLOC_009769		ENST00000548617	-0,51336112
A_23_P5131	NM_016368	ISYNA1	inositol-3-phosphate synthase 1	ENST00000317018	-0,513471767
A_23_P10305	NM_175859	CTPS2	CTP synthase II	ENST00000380207	-0,513476846
A_21_P0012527	ENST00000411596	XLOC_I2_010083		ENST00000411596	-0,513487987

A_33_P3303577	NM_198563	TMEM110	transmembrane protein 110	ENST00000355083	-0,513505246
A_24_P346101	NM_138492	PRELID2	PRELI domain containing 2	ENST00000334744	-0,513527671
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,513528061
A_23_P114952	NM_016456	TMEM9	transmembrane protein 9	ENST00000472411	-0,513588222
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,513630778
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000361441	-0,513646287
A_23_P103877	NM_001010847	LRRC38	leucine rich repeat containing 38	ENST00000376085	-0,513657894
A_23_P19624	NM_001718	BMP6	bone morphogenetic protein 6	ENST00000283147	-0,513702294
A_23_P103398	NM_000447	PSEN2	presenilin 2 (Alzheimer disease 4)	ENST00000366783	-0,513787167
A_33_P3247624	NM_001029874	REP15	RAB15 effector protein	ENST00000310791	-0,513814568
A_23_P406330	NM_022733	SMAP2	small ArfGAP2	ENST00000372718	-0,513915145
A_23_P102122	NM_152862	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	ENST00000470146	-0,513918988
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,514142551
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,514148391
A_21_P0013363	ENST00000443103	XLOC_l2_013256		ENST00000443103	-0,51415697
A_23_P218675	NM_006103	WFDC2	WAP four-disulfide core domain 2	ENST00000447118	-0,514160356
A_23_P361569	NM_025181	SLC35F5	solute carrier family 35, member F5	ENST00000245680	-0,514167579
A_23_P121527	NM_015990	KLHL5	kelch-like 5 (Drosophila)	ENST00000544221	-0,514216794
A_23_P102122	NM_152862	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	ENST00000470146	-0,514233996
A_23_P334608	NM_000181	GUSB	glucuronidase, beta	ENST00000345660	-0,514243432
A_24_P143189	NM_021109	TMSB4X	thymosin beta 4, X-linked	ENST00000380633	-0,514347552
A_21_P0011897	NM_207366	Sep-14	septin 14	ENST00000388975	-0,514358708
A_23_P168551	NM_001040661	SLC29A4	solute carrier family 29 (nucleoside transporters), member 4	ENST00000439491	-0,514500044
A_23_P73589	NM_002444	MSN	moesin	ENST00000360270	-0,51451437
A_23_P136978	NM_014467	SRPX2	sushi-repeat containing protein, X-linked 2	ENST00000373004	-0,514528215
A_23_P106874	NM_031293	PMFBP1	polyamine modulated factor 1 binding protein 1	ENST00000379073	-0,514540054
A_23_P125829	NM_000291	PGK1	phosphoglycerate kinase 1	ENST00000537456	-0,514571734
A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125	-0,514577549
A_21_P0009182	ENST00000439041	XLOC_012323		ENST00000439041	-0,514582473

A_23_P100127	NM_170589	CASC5	cancer susceptibility candidate 5	ENST00000260369	-0,514589376
A_23_P18490	NM_001017405	MAEA	macrophage erythroblast attacher	ENST00000382947	-0,514640693
A_23_P48561	NM_005864	EFS	embryonal Fyn-associated substrate	ENST00000216733	-0,514673315
A_19_P00801088	ENST00000421640	LOC100289026		ENST00000421640	-0,514777552
A_33_P3231367	NM_013236	ATXN10	ataxin 10	ENST00000381061	-0,514799402
A_24_P225635	ENST00000449105	HNRPLL	heterogeneous nuclear ribonucleoprotein L-like	ENST00000449105	-0,514800767
A_23_P20107	NM_015917	GSTK1	glutathione S-transferase kappa 1	ENST00000494735	-0,514832204
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,514839167
A_23_P124837	NM_002332	LRP1	low density lipoprotein receptor-related protein 1	ENST00000556356	-0,514867605
A_19_P00315718	NM_001145191	FAM200B		ENST00000502502	-0,514877082
A_23_P125829	NM_000291	PGK1	phosphoglycerate kinase 1	ENST00000537456	-0,514918441
A_23_P113553	NM_001011544	MAGEA11	melanoma antigen family A, 11	ENST00000355220	-0,514938243
A_33_P3356696	XM_001718943	LOC100134409	double homeobox protein 4-like		-0,51494603
A_33_P3212112	NM_001042496	SLC12A6	solute carrier family 12 (potassium/chloride transporters), r	ENST00000354181	-0,514966478
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,514970869
A_23_P114952	NM_016456	TMEM9	transmembrane protein 9	ENST00000472411	-0,515050488
A_33_P3353816	NM_000885	ITGA4	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)		-0,515120793
A_24_P62860	NM_005843	STAM2	signal transducing adaptor molecule (SH3 domain and ITAM	ENST00000263904	-0,515140285
A_21_P0014594	XR_110451	LOC100505820	uncharacterized LOC100505820	ENST00000411906	-0,515148664
A_21_P0004283	TCONS_00010056	XLOC_004504			-0,515185254
A_21_P0004736	XR_108683	LOC100506885	uncharacterized LOC100506885		-0,515193417
A_23_P10497	NM_198531	ATP9B	ATPase, class II, type 9B	ENST00000543761	-0,515257772
A_19_P00320930	ENST00000462931	Q89B38		ENST00000462931	-0,51527545
A_23_P257423	NM_144988	ALG14	asparagine-linked glycosylation 14 homolog (<i>S. cerevisiae</i>)	ENST00000370205	-0,515287232
A_33_P3234984	NM_031473	IFT81	intraflagellar transport 81 homolog (<i>Chlamydomonas</i>)	ENST00000361948	-0,515330011
A_33_P3215422	NM_005583	LYL1	lymphoblastic leukemia derived sequence 1	ENST00000264824	-0,515340244
A_33_P3422035	ENST00000392217	FXYD5	FXYD domain containing ion transport regulator 5	ENST00000392217	-0,515362395
A_21_P0002982	THC2690346	XLOC_002716			-0,515441102
A_24_P91832	NM_012069	ATP1B4	ATPase, Na ⁺ /K ⁺ transporting, beta 4 polypeptide	ENST00000218008	-0,515495896

A_21_P0012253	TCONS_I2_0001762	XLOC_I2_009312				-0,515539146
A_23_P114095	NM_015884	MBTPS2	membrane-bound transcription factor peptidase, site 2	ENST00000379484		-0,515553658
A_23_P125829	NM_000291	PGK1	phosphoglycerate kinase 1	ENST00000537456		-0,51556482
A_33_P3281785	NM_006167	NKX3-1	NK3 homeobox 1	ENST00000300332		-0,51560918
A_23_P118289	NM_004765	BCL7C	B-cell CLL/lymphoma 7C	ENST00000215115		-0,515658909
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754		-0,515683656
A_23_P125829	NM_000291	PGK1	phosphoglycerate kinase 1	ENST00000537456		-0,515696193
A_24_P287043	NM_006435	IFITM2	interferon induced transmembrane protein 2 (1-8D)	ENST00000527146		-0,515702768
A_24_P201739	NM_005475	SH2B3	SH2B adaptor protein 3	ENST00000341259		-0,51579478
A_24_P382253	NM_018170	RPRD1A	regulation of nuclear pre-mRNA domain containing 1A	ENST00000357384		-0,51580337
A_19_P00320749	NR_003367	PVT1				-0,515840619
A_23_P254079	NM_003943	STBD1	starch binding domain 1	ENST00000514365		-0,51585874
A_21_P0012094	TCONS_I2_0001598	XLOC_I2_008288				-0,515881266
A_23_P49009	NM_153613	LPCAT4	lysophosphatidylcholine acyltransferase 4	ENST00000314891		-0,515931082
A_23_P146512	NM_016548	GOLM1	golgi membrane protein 1	ENST00000388711		-0,516037036
A_33_P3239839	NM_024963	FBXL18	F-box and leucine-rich repeat protein 18	ENST00000538679		-0,516037064
A_24_P275073	NM_139155	ADAMTS14	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000373208		-0,516073812
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213		-0,516083547
A_23_P106103	NM_004857	AKAP5	A kinase (PRKA) anchor protein 5	ENST00000394718		-0,516129474
A_24_P100830	NM_001113402	AMN1	antagonist of mitotic exit network 1 homolog (S. cerevisiae)	ENST00000281471		-0,516132079
A_23_P392076	NM_014574	STRN3	striatin, calmodulin binding protein 3	ENST00000555358		-0,516228264
A_23_P4754	NM_006012	CLPP	ClpP caseinolytic peptidase, ATP-dependent, proteolytic subunit	ENST00000245816		-0,51636207
A_21_P0001789	ENST00000416111	XLOC_002117		ENST00000416111		-0,516392665
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507		-0,516401534
A_23_P106299	NM_001018108	SERF2	small EDRK-rich factor 2	ENST00000486144		-0,516457371
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393		-0,516505775
A_23_P160849	NM_004106	FCER1G	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide	ENST00000289902		-0,516559717
A_33_P3380493	NM_031286	SH3BGL3	SH3 domain binding glutamic acid-rich protein like 3	ENST00000374243		-0,516564254
A_23_P216434	ENST00000375540	ECM2	extracellular matrix protein 2, female organ and adipocyte specific	ENST00000375540		-0,516763323

A_24_P106591	NM_201280	MUTED	muted homolog (mouse)	ENST00000244777	-0,516857048
A_33_P3389008	NM_014394	GHITM	growth hormone inducible transmembrane protein	ENST00000436406	-0,516913996
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,516931936
A_32_P135091	NM_018301	RBM41	RNA binding motif protein 41	ENST00000372479	-0,516933951
A_23_P215735	NM_018412	ST7	suppression of tumorigenicity 7	ENST00000443979	-0,517003325
A_23_P15375	NM_024585	ARMC7	armadillo repeat containing 7	ENST00000245543	-0,51705189
A_23_P202939	NM_001642	APLP2	amyloid beta (A4) precursor-like protein 2	ENST00000263574	-0,517131732
A_23_P163455	NM_002373	MAP1A	microtubule-associated protein 1A	ENST00000399453	-0,517134722
A_33_P3319870	NM_001191323	GREM1	gremlin 1	ENST00000322805	-0,51721136
A_33_P3618429	AK095793	PRKXP1	protein kinase, X-linked, pseudogene 1		-0,517249798
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,51731155
A_23_P368067	NM_018833	TAP2	transporter 2, ATP-binding cassette, sub-family B (MDR/TAF	ENST00000374899	-0,517496809
A_33_P3366053	NM_001125	ADPRH	ADP-ribosylarginine hydrolase	ENST00000478399	-0,517526973
A_21_P0004773	NR_038863	LOC285758	uncharacterized LOC285758		-0,517584874
A_33_P3415211	NM_002437	MPV17	MpV17 mitochondrial inner membrane protein	ENST00000426513	-0,517599305
A_23_P51548	NM_004528	MGST3	microsomal glutathione S-transferase 3	ENST00000367886	-0,517604731
A_23_P29638	NM_184231	NCKIPSD	NCK interacting protein with SH3 domain	ENST00000294129	-0,517612036
A_33_P3397693	NM_003659	AGPS	alkylglycerone phosphate synthase	ENST00000264167	-0,517634126
A_23_P115824	NM_012207	HNRNPH3	heterogeneous nuclear ribonucleoprotein H3 (2H9)	ENST00000265866	-0,517710141
A_23_P100441	NM_024946	FAM192A	family with sequence similarity 192, member A	ENST00000309137	-0,51773113
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,517754741
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,517755611
A_33_P3412900	NM_001039771	CBLN3	cerebellin 3 precursor	ENST00000267406	-0,517764785
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,517809284
A_33_P3333282	NM_004112	FGF11	fibroblast growth factor 11	ENST00000293829	-0,517875496
A_23_P125829	NM_000291	PGK1	phosphoglycerate kinase 1	ENST00000537456	-0,517916872
A_33_P3252093	NM_006827	TMED10	transmembrane emp24-like trafficking protein 10 (yeast)	ENST00000303575	-0,517922141
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,518123922
A_21_P0009352	TCONS_00025743	XLOC_012560			-0,51819607

A_23_P201596	NM_004037	AMPD2	adenosine monophosphate deaminase 2	ENST00000528958	-0,518208113
A_23_P71300	NM_018246	CCDC25	coiled-coil domain containing 25	ENST00000356537	-0,518215082
A_19_P00804215	NM_001145710	LOC375190	UPF0638 protein B	ENST00000420135	-0,518227977
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,518265163
A_24_P322847	NM_138338	POLR3H	polymerase (RNA) III (DNA directed) polypeptide H (22.9kD)	ENST00000355209	-0,518292654
A_23_P1615	NM_004214	FIBP	fibroblast growth factor (acidic) intracellular binding protei	ENST00000426652	-0,518306956
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,518358569
A_32_P130788	NM_001010971	SAMD13	sterile alpha motif domain containing 13	ENST00000370673	-0,518398905
A_23_P360797	NM_002527	NTF3	neurotrophin 3	ENST00000331010	-0,518413676
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,518494255
A_21_P0014530	ENST00000554614	LOC100287558		ENST00000554614	-0,518520087
A_23_P334608	NM_000181	GUSB	glucuronidase, beta	ENST00000345660	-0,518578101
A_23_P115356	NM_003689	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyc	ENST00000235835	-0,518626942
A_23_P21363	NM_024060	AHNAK	AHNAK nucleoprotein	ENST00000257247	-0,518713824
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypepti	ENST00000361441	-0,518718921
A_23_P305245	NM_001168214	C3orf80	chromosome 3 open reading frame 80	ENST00000326474	-0,518730205
A_33_P3489646	NM_001080547	SPI1	spleen focus forming virus (SFFV) proviral integration oncog	ENST00000227163	-0,518760372
A_24_P144784	NR_024193	HILS1	histone linker H1 domain, spermatid-specific 1	ENST00000504307	-0,51877702
A_23_P106874	NM_031293	PMFBP1	polyamine modulated factor 1 binding protein 1	ENST00000379073	-0,518877146
A_33_P3405606	NR_024393	LOC727677	uncharacterized LOC727677		-0,518878249
A_21_P0009904	ENST00000428999	XLOC_013772		ENST00000428999	-0,519024162
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,519172387
A_23_P256205	NM_014945	ABLIM3	actin binding LIM protein family, member 3	ENST00000536903	-0,519202606
A_23_P204736	NM_005276	GPD1	glycerol-3-phosphate dehydrogenase 1 (soluble)	ENST00000301149	-0,519212948
A_23_P334608	NM_000181	GUSB	glucuronidase, beta	ENST00000345660	-0,519241019
A_21_P0012812	AK125257	XLOC_I2_011361			-0,519333198
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,519457895
A_23_P58407	NM_001076	UGT2B15	UDP glucuronosyltransferase 2 family, polypeptide B15	ENST00000338206	-0,519472598
A_23_P59718	NM_003130	SRI	sorcin	ENST00000265729	-0,519518961

A_33_P3441576	BC036880	SRGAP2P1	SLIT-ROBO Rho GTPase activating protein 2 pseudogene 1	ENST00000467419	-0,519573183
A_23_P55107	NM_014683	ULK2	unc-51-like kinase 2 (C. elegans)	ENST00000395544	-0,519575621
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,51966664
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,519686053
A_32_P7015	NM_012339	TSPAN15	tetraspanin 15	ENST00000373290	-0,519848669
A_23_P163955	NM_007169	PEMT	phosphatidylethanolamine N-methyltransferase	ENST00000472446	-0,519849548
A_23_P102122	NM_152862	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	ENST00000470146	-0,519854558
A_23_P126388	NM_031286	SH3BGRL3	SH3 domain binding glutamic acid-rich protein like 3	ENST00000319041	-0,519893781
A_33_P3324692	NM_001136152	ALG1L2	asparagine-linked glycosylation 1-like 2	ENST00000503500	-0,519898788
A_33_P3352782	NM_024562	TMCO7	transmembrane and coiled-coil domains 7	ENST00000261778	-0,519928764
A_23_P118289	NM_004765	BCL7C	B-cell CLL/lymphoma 7C	ENST00000215115	-0,52000133
A_33_P3377151	NM_006274	CCL19	chemokine (C-C motif) ligand 19	ENST00000378800	-0,520018592
A_23_P100441	NM_024946	FAM192A	family with sequence similarity 192, member A	ENST00000309137	-0,520058178
A_21_P0011635	ENST00000414432	XLOC_I2_006010		ENST00000414432	-0,520060896
A_23_P29655	NM_020685	C3orf14	chromosome 3 open reading frame 14	ENST00000542214	-0,520142596
A_24_P940921	NM_015046	SETX	senataxin	ENST00000372169	-0,520147937
A_24_P226210	NM_153223	CEP120	centrosomal protein 120kDa	ENST00000508138	-0,520155265
A_23_P102122	NM_152862	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	ENST00000470146	-0,520164124
A_33_P3286046	NM_015448	DPCD	deleted in primary ciliary dyskinesia homolog (mouse)	ENST00000370149	-0,520259627
A_23_P115519	NM_032563	LCE3D	late cornified envelope 3D	ENST00000368787	-0,520308377
A_23_P124044	NM_021008	DEAF1	deformed epidermal autoregulatory factor 1 (Drosophila)	ENST00000527658	-0,520345133
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,520366527
A_21_P0003772	TCONS_00008581	XLOC_004091			-0,520380283
A_33_P3438072	NR_040039	LOC157273	uncharacterized LOC157273	ENST00000520390	-0,520410052
A_23_P80974	NM_005651	TDO2	tryptophan 2,3-dioxygenase	ENST00000510293	-0,52042431
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,520659109
A_23_P203558	NM_000518	HBB	hemoglobin, beta	ENST00000335295	-0,52071102
A_24_P134834	NM_032276	RHBDD1	rhomboid domain containing 1	ENST00000392062	-0,520742267
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,520767423

A_21_P0010618	BX113442	XLOC_I2_000941			-0,520773855
A_23_P317683	NM_003274	TRAPPC10	trafficking protein particle complex 10	ENST00000291574	-0,520791084
A_23_P115356	NM_003689	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyde	ENST00000235835	-0,520825543
A_23_P392942	NM_002445	MSR1	macrophage scavenger receptor 1	ENST00000381998	-0,520868375
A_24_P279797	NM_001031727	MRI1	methylthioribose-1-phosphate isomerase homolog (S. cerev	ENST00000040663	-0,520900746
A_33_P3394933	NM_001017973	P4HA2	prolyl 4-hydroxylase, alpha polypeptide II	ENST00000395164	-0,520939748
A_24_P97405	NM_003965	CCRL2	chemokine (C-C motif) receptor-like 2	ENST00000400880	-0,521013171
A_24_P75157	NM_004610	TCP10	t-complex 10 homolog (mouse)	ENST00000464222	-0,521070749
A_24_P287941	NM_013290	PSMC3IP	PSMC3 interacting protein	ENST00000393795	-0,521133811
A_23_P105535	NM_172240	POC1B	POC1 centriolar protein homolog B (Chlamydomonas)	ENST00000378528	-0,52124536
A_33_P3313110	NM_024690	MUC16	mucin 16, cell surface associated	ENST00000397910	-0,521297323
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,52137539
A_33_P3267208	NM_022048	CSNK1G1	casein kinase 1, gamma 1	ENST00000303052	-0,521385916
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase a	ENST00000248975	-0,521388777
A_21_P0007697	TCONS_00020752	XLOC_010040			-0,52159829
A_21_P0001444	TCONS_00001347	XLOC_000638			-0,521625836
A_33_P3331346	NM_173547	TRIM65	tripartite motif containing 65	ENST00000269383	-0,521637641
A_23_P125829	NM_000291	PGK1	phosphoglycerate kinase 1	ENST00000537456	-0,521666081
A_33_P3312642	NM_001122716	CXorf64	chromosome X open reading frame 64	ENST00000371125	-0,521696384
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,521726995
A_24_P74371	NM_000308	CTSA	cathepsin A	ENST00000354880	-0,52175676
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,521782896
A_23_P124837	NM_002332	LRP1	low density lipoprotein receptor-related protein 1	ENST00000556356	-0,521810972
A_23_P132910	NM_019027	RBM47	RNA binding motif protein 47	ENST00000510871	-0,521844917
A_23_P166408	NM_020530	OSM	oncostatin M	ENST00000215781	-0,521862677
A_23_P88904	NM_002528	NTHL1	nth endonuclease III-like 1 (E. coli)	ENST00000219066	-0,521916093
A_23_P217269	NM_007268	VSIG4	V-set and immunoglobulin domain containing 4	ENST00000412866	-0,521946573
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,522022371
A_21_P0005203	XR_108720	LOC100507642	uncharacterized LOC100507642		-0,522063216

A_23_P114095	NM_015884	MBTPS2	membrane-bound transcription factor peptidase, site 2	ENST00000379484	-0,522171655
A_32_P206839	NR_037631	LOC100288911	uncharacterized LOC100288911		-0,522185686
A_33_P3383189	NM_001145250	SP9	Sp9 transcription factor homolog (mouse)	ENST00000394967	-0,52220767
A_21_P0012106	NR_037195	LOC646324	uncharacterized LOC646324	ENST00000413563	-0,522217657
A_23_P124837	NM_002332	LRP1	low density lipoprotein receptor-related protein 1	ENST00000556356	-0,52227186
A_33_P3225685	NM_012200	B3GAT3	beta-1,3-glucuronyltransferase 3 (glucuronosyltransferase I	ENST00000265471	-0,522282957
A_19_P00800681	XR_110300	LOC100506965	uncharacterized LOC100506965		-0,522328204
A_23_P3371	NM_002891	RASGRF1	Ras protein-specific guanine nucleotide-releasing factor 1	ENST00000394741	-0,522466726
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,522564965
A_33_P3397399	ENST00000394822	PPP3CB	protein phosphatase 3, catalytic subunit, beta isozyme	ENST00000394822	-0,522597831
A_32_P226078	NM_016178	OAZ3	ornithine decarboxylase antizyme 3	ENST00000400999	-0,522636876
A_23_P55174	NM_138387	G6PC3	glucose 6 phosphatase, catalytic, 3	ENST00000269097	-0,522758743
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,522781677
A_33_P3223592	NM_000041	APOE	apolipoprotein E	ENST00000252486	-0,522788553
A_33_P3230881	NM_032834	ALG10	asparagine-linked glycosylation 10, alpha-1,2-glucosyltransf	ENST00000308742	-0,522849825
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,522915036
A_23_P113351	NM_004684	SPARCL1	SPARC-like 1 (hevin)	ENST00000418378	-0,522940236
A_32_P473302	NR_015375	FLJ35024	uncharacterized LOC401491		-0,522986716
A_21_P0000861	NR_038983	LOC100506134	uncharacterized LOC100506134	ENST00000440322	-0,523077801
A_23_P104651	NM_080668	CDCA5	cell division cycle associated 5	ENST00000275517	-0,523127825
A_23_P17481	NM_023068	SIGLEC1	sialic acid binding Ig-like lectin 1, sialoadhesin	ENST00000202578	-0,523168682
A_33_P3409062	NM_003332	TYROBP	TYRO protein tyrosine kinase binding protein	ENST00000262629	-0,52341481
A_23_P102122	NM_152862	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	ENST00000470146	-0,523507432
A_23_P10497	NM_198531	ATP9B	ATPase, class II, type 9B	ENST00000543761	-0,523581031
A_23_P146233	NM_000237	LPL	lipoprotein lipase	ENST00000311322	-0,523599855
A_23_P201655	NM_012333	MYCBP	c-myc binding protein	ENST00000465771	-0,523610342
A_23_P10497	NM_198531	ATP9B	ATPase, class II, type 9B	ENST00000543761	-0,523662446
A_24_P309415	NM_052932	TMEM123	transmembrane protein 123	ENST00000398136	-0,523730819
A_23_P207106	NM_000747	CHRNB1	cholinergic receptor, nicotinic, beta 1 (muscle)	ENST00000306071	-0,523731159

A_33_P3233550	NM_020532	RTN4	reticulon 4	ENST00000354474	-0,523779481
A_23_P154605	NM_018837	SULF2	sulfatase 2	ENST00000467815	-0,524022091
A_23_P102122	NM_152862	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	ENST00000470146	-0,52403758
A_24_P240065	NM_016079	CHMP3	charged multivesicular body protein 3	ENST00000409810	-0,524046558
A_33_P3363560	NM_001136216	TMEM51	transmembrane protein 51	ENST00000376014	-0,524104779
A_33_P3306068	NM_001033081	MYCL1	v-myc myelocytomatosis viral oncogene homolog 1, lung ca	ENST00000397332	-0,524113957
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,524157013
A_23_P115356	NM_003689	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyc	ENST00000235835	-0,52426273
A_21_P0001878	ENST00000449073	XLOC_001525		ENST00000449073	-0,524288145
A_21_P0013583	TCONS_I2_0002881	XLOC_I2_014830			-0,524575423
A_23_P415652	NM_024642	GALNT12	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000375011	-0,524797896
A_24_P296254	NM_014783	ARHGAP11A	Rho GTPase activating protein 11A	ENST00000361627	-0,524868546
A_23_P44942	NM_025004	CCDC15	coiled-coil domain containing 15	ENST00000531167	-0,524884712
A_33_P3262789	NM_138393	REEP6	receptor accessory protein 6	ENST00000233596	-0,52489419
A_23_P157784	NM_032593	HINT2	histidine triad nucleotide binding protein 2	ENST00000474848	-0,524895759
A_23_P102122	NM_152862	ARPC2	actin related protein 2/3 complex, subunit 2, 34kDa	ENST00000470146	-0,524940856
A_33_P3276019	ENST00000399143	DCDC2C	doublecortin domain containing 2C	ENST00000399143	-0,525058603
A_23_P60387	NM_017617	NOTCH1	notch 1	ENST00000277541	-0,525090613
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENST00000216121	-0,525092116
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129	-0,525107091
A_33_P3215913	ENST00000403210	TMEM184B	transmembrane protein 184B	ENST00000403210	-0,52510737
A_33_P3374210	NM_002417	MKI67	antigen identified by monoclonal antibody Ki-67	ENST00000368652	-0,52511907
A_21_P0001844	ENST00000419013	XLOC_001392		ENST00000419013	-0,525189616
A_23_P112004	NM_012472	LRRC6	leucine rich repeat containing 6	ENST00000395414	-0,525299506
A_21_P0003581	TCONS_00008003	XLOC_003469			-0,52529954
A_24_P176714	NM_015681	B9D1	B9 protein domain 1	ENST00000477478	-0,525588705
A_23_P122796	NM_016063	HDDC2	HD domain containing 2	ENST00000398153	-0,525613661
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,525693441
A_23_P66948	NM_022751	FAM59A	family with sequence similarity 59, member A	ENST00000269209	-0,525751601

A_23_P95029	NM_021021	SNTB1	syntrophin, beta 1 (dystrophin-associated protein A1, 59kD:ENST00000395601	ENST00000395601	-0,525772487
A_24_P259276	NM_207340	ZDHC24	zinc finger, DHHC-type containing 24	ENST00000310442	-0,525900064
A_23_P95790	NM_017625	ITLN1	intelectin 1 (galactofuranose binding)	ENST00000326245	-0,525966167
A_33_P3284463	NM_177924	ASAH1	N-acylsphingosine amidohydrolase (acid ceramidase) 1	ENST00000417108	-0,525993204
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,526026173
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,526054159
A_23_P37144	NM_080664	C14orf126	chromosome 14 open reading frame 126	ENST00000310850	-0,526087553
A_33_P3388331	NM_005766	FARP1	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (c	ENST00000376584	-0,526214831
A_33_P3263497	ENST00000401884	SNED1	sushi, nidogen and EGF-like domains 1	ENST00000401884	-0,526245048
A_23_P63789	NM_032997	ZWINT	ZW10 interactor	ENST00000318387	-0,526380443
A_21_P0004136	ENST00000515199	XLOC_004859		ENST00000515199	-0,526420856
A_33_P3318288	NM_001014975	CFH	complement factor H	ENST00000391986	-0,526515428
A_23_P75283	NM_006744	RBP4	retinol binding protein 4, plasma	ENST00000471469	-0,52659454
A_33_P3253528	NM_004275	MED20	mediator complex subunit 20	ENST00000409312	-0,526639845
A_33_P3418766	NM_018181	ZNF532	zinc finger protein 532	ENST00000336078	-0,526655399
A_21_P0006575	TCONS_00017488	XLOC_008116			-0,526775484
A_32_P55860	NM_182620	SKA2	spindle and kinetochore associated complex subunit 2	ENST00000330137	-0,526787252
A_23_P168211	NM_030796	VOPP1	vesicular, overexpressed in cancer, prosurvival protein 1	ENST00000545390	-0,526799174
A_23_P417014	NM_001010877	ZNF311	zinc finger protein 311	ENST00000452316	-0,526890474
A_24_P46093	NM_003043	SLC6A6	solute carrier family 6 (neurotransmitter transporter, taurin	ENST00000360861	-0,526899284
A_33_P3295253	NM_198271	LMOD3	leiomodlin 3 (fetal)	ENST00000475434	-0,526968139
A_21_P0008436	ENST00000556130	XLOC_011017		ENST00000556130	-0,526985478
A_23_P37514	NM_015492	C15orf39	chromosome 15 open reading frame 39	ENST00000360639	-0,527043259
A_33_P3392867	NM_006239	PPEF2	protein phosphatase, EF-hand calcium binding domain 2	ENST00000337500	-0,527067683
A_23_P10497	NM_198531	ATP9B	ATPase, class II, type 9B	ENST00000543761	-0,527255913
A_23_P60387	NM_017617	NOTCH1	notch 1	ENST00000277541	-0,527294296
A_23_P132057	NR_024027	LINC00158	long intergenic non-protein coding RNA 158		-0,527311204
A_23_P256855	NM_020750	XPO5	exportin 5	ENST00000455854	-0,527325287
A_24_P228875	NM_004840	ARHGEF6	Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6	ENST00000535736	-0,527336178

A_24_P17722	NM_198868	TBC1D9B	TBC1 domain family, member 9B (with GRAM domain)	ENST00000520794	-0,527378807
A_33_P3260430	NM_005988	SPRR2A	small proline-rich protein 2A	ENST00000392653	-0,527389093
A_23_P70213	NM_000038	APC	adenomatous polyposis coli	ENST00000508376	-0,527435625
A_23_P123071	NM_001233	CAV2	caveolin 2	ENST00000498493	-0,52747225
A_21_P0006412	ENST00000454113	XLOC_007928		ENST00000454113	-0,527571477
A_23_P213102	NM_016081	PALLD	palladin, cytoskeletal associated protein	ENST00000507699	-0,52757243
A_23_P45011	NM_030949	PPP1R14C	protein phosphatase 1, regulatory (inhibitor) subunit 14C	ENST00000361131	-0,527577418
A_32_P98683	NM_005937	MLLT6	myeloid/lymphoid or mixed-lineage leukemia (trithorax hor	ENST00000325718	-0,527599542
A_24_P203226	NM_178230	PPIAL4A	peptidylprolyl isomerase A (cyclophilin A)-like 4A	ENST00000369222	-0,527608597
A_32_P131640	NM_173078	SLITRK4	SLIT and NTRK-like family, member 4	ENST00000338017	-0,527723355
A_23_P124486	NM_002833	PTPN9	protein tyrosine phosphatase, non-receptor type 9	ENST00000544966	-0,527776308
A_23_P71148	NM_000712	BLVRA	biliverdin reductase A	ENST00000265523	-0,527845555
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,527881521
A_21_P0011194	TCONS_I2_0000734	XLOC_I2_004115			-0,527884459
A_32_P118586	NM_152678	FAM116A	family with sequence similarity 116, member A	ENST00000311128	-0,527932864
A_33_P3406636	NM_152283	ZFP62	zinc finger protein 62 homolog (mouse)	ENST00000359141	-0,528021569
A_23_P125829	NM_000291	PGK1	phosphoglycerate kinase 1	ENST00000537456	-0,528092976
A_23_P363406	NM_015305	ANGEL1	angel homolog 1 (Drosophila)	ENST00000251089	-0,528218947
A_33_P3287502	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000419559	-0,528264662
A_33_P3264875	NM_001004105	GRK6	G protein-coupled receptor kinase 6	ENST00000355958	-0,528273314
A_21_P0000641	NR_034125	LOC387723	uncharacterized LOC387723		-0,52830444
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,528310755
A_33_P3303449	NM_001198688	LEPR	leptin receptor	ENST00000344610	-0,528437403
A_23_P103877	NM_001010847	LRRC38	leucine rich repeat containing 38	ENST00000376085	-0,528484101
A_24_P558365	NM_001105281	FABP12	fatty acid binding protein 12	ENST00000360464	-0,528512856
A_21_P0014090	XR_108406	LOC100506892	uncharacterized LOC100506892		-0,528625449
A_23_P502312	NM_078481	CD97	CD97 molecule	ENST00000242786	-0,528644941
A_21_P0012213	NR_027072	LINC00189	long intergenic non-protein coding RNA 189	ENST00000545936	-0,528694854
A_33_P3334108	NM_001004304	ZNF740	zinc finger protein 740		-0,528704204

A_21_P0007430	BC013074	XLOC_009080		ENST00000527059	-0,528749265
A_21_P0006549	THC2697511	XLOC_008233			-0,528762074
A_23_P209055	NM_001771	CD22	CD22 molecule	ENST00000419549	-0,528836569
A_24_P19752	NM_002857	PEX19	peroxisomal biogenesis factor 19	ENST00000472750	-0,528905997
A_33_P3344451	NM_032366	C16orf13	chromosome 16 open reading frame 13	ENST00000301686	-0,528930667
A_23_P158725	NM_001042422	SLC16A3	solute carrier family 16, member 3 (monocarboxylic acid tra	ENST00000392341	-0,529011189
A_23_P425516	NM_012171	TSPAN17	tetraspanin 17	ENST00000310032	-0,529153596
A_24_P132383	NM_175571	GIMAP8	GTPase, IMAP family member 8	ENST00000307271	-0,529174856
A_23_P67785	NM_001025436	SPAG16	sperm associated antigen 16	ENST00000420497	-0,529239979
A_23_P106874	NM_031293	PMFBP1	polyamine modulated factor 1 binding protein 1	ENST00000379073	-0,529243698
A_23_P67414	NM_030785	RSPH6A	radial spoke head 6 homolog A (Chlamydomonas)	ENST00000221538	-0,529252218
A_24_P166311	NM_022090	C5orf54	chromosome 5 open reading frame 54	ENST00000523213	-0,529363853
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,529487418
A_24_P74571	NM_001002880	CBY1	chibby homolog 1 (Drosophila)	ENST00000489847	-0,529509835
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,529572991
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,529590447
A_24_P254551	NM_015185	ARHGEF9	Cdc42 guanine nucleotide exchange factor (GEF) 9	ENST00000374870	-0,529645153
A_23_P143817	NM_053025	MYLK	myosin light chain kinase	ENST00000475616	-0,529670408
A_23_P162746	NM_015974	CRYL1	crystallin, lambda 1	ENST00000298248	-0,529693165
A_33_P3211956	NM_005873	RGS19	regulator of G-protein signaling 19	ENST00000395042	-0,529775686
A_33_P3209866	NM_153186	KANK1	KN motif and ankyrin repeat domains 1	ENST00000382289	-0,529786945
A_33_P3307157	NM_001134363	RBM20	RNA binding motif protein 20	ENST00000369519	-0,529845103
A_23_P124837	NM_002332	LRP1	low density lipoprotein receptor-related protein 1	ENST00000556356	-0,529846618
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,529984046
A_23_P88381	NM_001005743	NUMB	numb homolog (Drosophila)	ENST00000555394	-0,530006552
A_24_P89457	NM_078467	CDKN1A	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	ENST00000478800	-0,53001897
A_24_P36944	NM_014812	CEP170	centrosomal protein 170kDa	ENST00000439296	-0,530032036
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,530079832
A_23_P77328	NM_005258	GCHFR	GTP cyclohydrolase I feedback regulator	ENST00000260447	-0,530109157

A_21_P0009558	TCONS_00026523	XLOC_012847				-0,530272603
A_33_P3362321	NM_201555	FHL2	four and a half LIM domains 2		ENST00000452732	-0,530297861
A_23_P131375	NM_152391	PQLC3	PQ loop repeat containing 3		ENST00000295083	-0,530383091
A_23_P113393	NM_017413	APLN	apelin		ENST00000307484	-0,530502873
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)		ENST00000216121	-0,53050288
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2		ENST00000322348	-0,530544496
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α		ENST00000248975	-0,530742478
A_21_P0005426	TCONS_00013583	XLOC_006235				-0,530759094
A_23_P256172	NM_199069	NDUFAF3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, as		ENST00000496152	-0,530779646
A_21_P0013932	XM_002342722	LOC100289196	chromosome 7 open reading frame 73 pseudogene			-0,530804517
A_23_P33723	NM_004244	CD163	CD163 molecule		ENST00000396620	-0,530825227
A_23_P103398	NM_000447	PSEN2	presenilin 2 (Alzheimer disease 4)		ENST00000366783	-0,530825454
A_24_P324314	NM_001008529	MXRA7	matrix-remodelling associated 7		ENST00000375036	-0,530851631
A_21_P0010772	ENST00000427309	XLOC_I2_001089			ENST00000427309	-0,530869553
A_23_P151870	NM_015554	GLCE	glucuronic acid epimerase		ENST00000261858	-0,530899988
A_23_P254733	NM_024629	MLF1IP	MLF1 interacting protein		ENST00000502461	-0,530994032
A_33_P3402454	NM_138612	HAS3	hyaluronan synthase 3		ENST00000219322	-0,53100038
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog		ENST00000519728	-0,531016351
A_23_P43425	NM_017998	C9orf40	chromosome 9 open reading frame 40		ENST00000376854	-0,531053879
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)		ENST00000543555	-0,531092715
A_24_P162979	NM_024933	ANKRD53	ankyrin repeat domain 53		ENST00000272421	-0,531092741
A_23_P115726	NM_194298	SLC16A9	solute carrier family 16, member 9 (monocarboxylic acid tra		ENST00000395348	-0,531096335
A_21_P0002261	TCONS_00003800	XLOC_001595				-0,531193281
A_24_P321626	NM_018082	POLR3B	polymerase (RNA) III (DNA directed) polypeptide B		ENST00000228347	-0,531207111
A_33_P3259440	NM_001038640	GOLGA6A	golgin A6 family, member A		ENST00000290438	-0,531264224
A_24_P10657	NM_020428	SLC44A2	solute carrier family 44, member 2		ENST00000335757	-0,531270307
A_23_P104996	NM_004183	BEST1	bestrophin 1		ENST00000524877	-0,531346739
A_23_P101623	NM_022103	ZNF667	zinc finger protein 667		ENST00000360227	-0,531367795
A_23_P113748	NM_024697	ZNF385D	zinc finger protein 385D		ENST00000494118	-0,531384447

A_33_P3330608	NM_032152	PRAM1	PML-RARA regulated adaptor molecule 1	ENST00000255612	-0,531453986
A_21_P0004980	ENST00000453935	XLOC_005566		ENST00000453935	-0,531525504
A_21_P0009581	THC2697570	XLOC_012884			-0,531569759
A_33_P3341586	NM_001037633	SIL1	SIL1 homolog, endoplasmic reticulum chaperone (S. cerevis)	ENST00000394817	-0,531629339
A_24_P72394	NM_021163	RBAK	RB-associated KRAB zinc finger	ENST00000353796	-0,531867284
A_24_P305764	NM_004595	SMS	spermine synthase	ENST00000379404	-0,531903077
A_24_P286054	NM_001105251	ZFYVE16	zinc finger, FYVE domain containing 16	ENST00000512907	-0,53192955
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,532168476
A_21_P0004130	ENST00000431789	XLOC_004832		ENST00000431789	-0,532183477
A_24_P125561	NM_014441	SIGLEC9	sialic acid binding Ig-like lectin 9	ENST00000440804	-0,532265468
A_23_P124044	NM_021008	DEAF1	deformed epidermal autoregulatory factor 1 (Drosophila)	ENST00000527658	-0,532282644
A_23_P334709	NM_007270	FKBP9	FK506 binding protein 9, 63 kDa	ENST00000455909	-0,53230021
A_23_P82738	NM_012415	RAD54B	RAD54 homolog B (S. cerevisiae)	ENST00000546218	-0,532306913
A_23_P83094	NM_007005	TLE4	transducin-like enhancer of split 4 (E(sp1) homolog, Drosop	ENST00000376520	-0,532308845
A_33_P3240507	NM_138444	KCTD12	potassium channel tetramerisation domain containing 12	ENST00000317765	-0,532346401
A_23_P115824	NM_012207	HNRNPH3	heterogeneous nuclear ribonucleoprotein H3 (2H9)	ENST00000265866	-0,532424669
A_33_P3278659	AB128832	ERVH-3	endogenous retrovirus group H, member 3		-0,532439688
A_32_P157945	NM_004415	DSP	desmoplakin	ENST00000418664	-0,532487188
A_23_P218068	NM_019012	PLEKHA5	pleckstrin homology domain containing, family A member 5	ENST00000542828	-0,532493449
A_23_P104741	NM_032531	KIRREL3	kin of IRRE like 3 (Drosophila)	ENST00000525144	-0,532511227
A_19_P00804093	NM_173463	CCDC149	coiled-coil domain containing 149	ENST00000507096	-0,532550191
A_23_P344392	NM_002542	OGG1	8-oxoguanine DNA glycosylase	ENST00000432857	-0,532612735
A_23_P318284	NM_015141	GPD1L	glycerol-3-phosphate dehydrogenase 1-like	ENST00000474846	-0,532619575
A_23_P24966	NM_171997	USP2	ubiquitin specific peptidase 2	ENST00000525735	-0,53271078
A_23_P104025	NM_052965	TSEN15	tRNA splicing endonuclease 15 homolog (S. cerevisiae)	ENST00000462677	-0,532787616
A_23_P39955	NM_001615	ACTG2	actin, gamma 2, smooth muscle, enteric	ENST00000438902	-0,532876762
A_21_P0013202	TCONS_I2_0002590	XLOC_I2_013425			-0,532959053
A_23_P10497	NM_198531	ATP9B	ATPase, class II, type 9B	ENST00000543761	-0,533187249
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,533218174

A_23_P8571	NM_080744	SRCRB4D	scavenger receptor cysteine rich domain containing, group	ENST00000275560	-0,533221633
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,533229007
A_33_P3400192	NM_001135044	MAPK9	mitogen-activated protein kinase 9	ENST00000425491	-0,533234244
A_33_P3251332	NM_015473	HEATR5A	HEAT repeat containing 5A	ENST00000389961	-0,533252723
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000351004	-0,533266117
A_23_P132956	NM_004181	UCHL1	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolester	ENST00000472501	-0,533304745
A_23_P396777	NM_006315	PCGF3	polycomb group ring finger 3	ENST00000362003	-0,533419118
A_23_P204246	NM_004426	PHC1	polyhomeotic homolog 1 (Drosophila)	ENST00000251757	-0,533442115
A_33_P3303259	NM_006437	PARP4	poly (ADP-ribose) polymerase family, member 4	ENST00000381989	-0,533461739
A_21_P0005154	TCONS_00012648	XLOC_005589			-0,533537695
A_33_P3331376	NM_004442	EPHB2	EPH receptor B2	ENST00000374632	-0,533570237
A_23_P115492	NM_024749	VASH2	vasohibin 2	ENST00000366965	-0,533581471
A_33_P3252043	NM_000918	P4HB	prolyl 4-hydroxylase, beta polypeptide	ENST00000331483	-0,533613947
A_33_P3277373	NM_020530	OSM	oncostatin M	ENST00000215781	-0,533668678
A_33_P3355659	NM_001031807	SKOR1	SKI family transcriptional corepressor 1	ENST00000389002	-0,533694632
A_23_P162010	NM_176875	CCKBR	cholecystokinin B receptor	ENST00000525462	-0,533745741
A_33_P3363355	NM_022377	ICAM4	intercellular adhesion molecule 4 (Landsteiner-Wiener bloo	ENST00000393717	-0,533785308
A_33_P3335535	NR_040046	LOC100128682	uncharacterized LOC100128682	ENST00000536898	-0,53390741
A_33_P3304511	NM_006588	SULT1C4	sulfotransferase family, cytosolic, 1C, member 4	ENST00000272452	-0,533945409
A_23_P34597	NM_001785	CDA	cytidine deaminase	ENST00000461985	-0,533954537
A_23_P74229	NM_032017	STK40	serine/threonine kinase 40	ENST00000359297	-0,533992923
A_24_P183128	NM_016619	PLAC8	placenta-specific 8	ENST00000505406	-0,534023527
A_23_P345887	NM_001244710	GFPT1	glutamine--fructose-6-phosphate transaminase 1	ENST00000357308	-0,534034595
A_33_P3219785	NM_023016	ANKRD57	ankyrin repeat domain 57	ENST00000356454	-0,534070159
A_24_P319374	NM_005814	GPA33	glycoprotein A33 (transmembrane)	ENST00000367868	-0,534112405
A_23_P125829	NM_000291	PGK1	phosphoglycerate kinase 1	ENST00000537456	-0,534143865
A_21_P0001336	ENST00000479252	LRRC8C	leucine rich repeat containing 8 family, member C	ENST00000479252	-0,534174092
A_33_P3215929	NM_015366	PRR5	proline rich 5 (renal)	ENST00000495017	-0,53423224
A_33_P3343479	ENST00000484153	LOC100506310	uncharacterized protein C1orf167-like	ENST00000484153	-0,534272998

A_21_P0010423	TCONS_00029837	XLOC_014272				-0,53433301
A_23_P503127	NM_145733	Sep-03	septin 3		ENST00000396417	-0,534425602
A_23_P206724	NM_175617	MT1E	metallothionein 1E		ENST00000330439	-0,534475668
A_33_P3225091	NM_004756	NUMBL	numb homolog (Drosophila)-like		ENST00000252891	-0,534475964
A_32_P141682	NM_001145127	EVPLL	envoplakin-like		ENST00000399134	-0,534509565
A_23_P10497	NM_198531	ATP9B	ATPase, class II, type 9B		ENST00000543761	-0,53451387
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin		ENST00000536626	-0,534623087
A_33_P3267186	NM_001682	ATP2B1	ATPase, Ca ⁺⁺ transporting, plasma membrane 1		ENST00000428670	-0,534671464
A_23_P63343	NM_021995	UTS2	urotensin 2		ENST00000054668	-0,534681181
A_23_P134295	NM_198949	NUDT1	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000397049		-0,534707856
A_23_P380951	NM_144689	ZNF420	zinc finger protein 420		ENST00000337995	-0,534776249
A_23_P77066	NM_022807	SNRPN	small nuclear ribonucleoprotein polypeptide N		ENST00000444203	-0,534837324
A_23_P114952	NM_016456	TMEM9	transmembrane protein 9		ENST00000472411	-0,534842531
A_23_P17663	NM_002462	MX1	myxovirus (influenza virus) resistance 1, interferon-inducibl	ENST00000455164		-0,534846254
A_23_P407614	NM_152901	PYDC1	PYD (pyrin domain) containing 1		ENST00000302964	-0,534879659
A_24_P256415	NR_024447	LOC100128288	uncharacterized LOC100128288		ENST00000535173	-0,534938554
A_23_P76386	NM_003044	SLC6A12	solute carrier family 6 (neurotransmitter transporter, betair	ENST00000424061		-0,534989576
A_24_P148811	NM_003707	RUVBL1	RuvB-like 1 (E. coli)		ENST00000417360	-0,534993702
A_23_P202837	NM_053056	CCND1	cyclin D1		ENST00000227507	-0,535042949
A_23_P118289	NM_004765	BCL7C	B-cell CLL/lymphoma 7C		ENST00000215115	-0,535043292
A_23_P258340	NM_021130	PPIA	peptidylprolyl isomerase A (cyclophilin A)		ENST00000419275	-0,535059445
A_24_P160380	NM_176871	PDLIM2	PDZ and LIM domain 2 (mystique)		ENST00000265810	-0,535186743
A_23_P7250	NM_001263	CDS1	CDP-diacylglycerol synthase (phosphatidate cytidyltransferase	ENST00000295887		-0,535241025
A_33_P3413840	NM_001205019	GK	glycerol kinase		ENST00000378945	-0,535299069
A_23_P103398	NM_000447	PSEN2	presenilin 2 (Alzheimer disease 4)		ENST00000366783	-0,535312769
A_23_P91414	NM_080625	C20orf160	chromosome 20 open reading frame 160		ENST00000262659	-0,53532389
A_23_P115824	NM_012207	HNRNPH3	heterogeneous nuclear ribonucleoprotein H3 (2H9)		ENST00000265866	-0,535333255
A_23_P152678	NM_015681	B9D1	B9 protein domain 1		ENST00000477683	-0,53537461
A_23_P86283	NM_006762	LAPTM5	lysosomal protein transmembrane 5		ENST00000294507	-0,535386879

A_24_P171873	NM_012176	FBXO4	F-box protein 4	ENST00000513496	-0,535435587
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,535442986
A_23_P115356	NM_003689	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyc	ENST00000235835	-0,53552537
A_33_P3223467	NM_025054	VCPIP1	valosin containing protein (p97)/p47 complex interacting pr	ENST00000310421	-0,535576841
A_33_P3306504	NM_016368	ISYNA1	inositol-3-phosphate synthase 1	ENST00000338128	-0,535628219
A_23_P342000	NM_144770	RBM11	RNA binding motif protein 11	ENST00000468643	-0,535670093
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,535683783
A_21_P0007934	ENST00000426509	XLOC_010372		ENST00000426509	-0,535702622
A_24_P222997	NM_032143	ZRANB3	zinc finger, RAN-binding domain containing 3	ENST00000283060	-0,535734955
A_24_P321068	NM_001859	SLC31A1	solute carrier family 31 (copper transporters), member 1	ENST00000374210	-0,535761483
A_23_P115064	NM_001878	CRABP2	cellular retinoic acid binding protein 2	ENST00000368221	-0,535769068
A_23_P414958	NM_005761	PLXNC1	plexin C1	ENST00000549217	-0,53577206
A_23_P60387	NM_017617	NOTCH1	notch 1	ENST00000277541	-0,535889683
A_23_P96285	NM_022912	REEP1	receptor accessory protein 1	ENST00000535845	-0,535936521
A_32_P83049	NM_014971	EFR3B	EFR3 homolog B (S. cerevisiae)		-0,535968373
A_21_P0010298	TCONS_00029173	XLOC_014112			-0,536088692
A_24_P323104	NM_005219	DIAPH1	diaphanous homolog 1 (Drosophila)	ENST00000253811	-0,53610563
A_21_P0005021	NR_038989	LOC100507584	uncharacterized LOC100507584	ENST00000506222	-0,536168745
A_33_P3367102	NR_003242	PFN1P2	profilin 1 pseudogene 2		-0,536253318
A_23_P377434	NM_001080495	TNRC18	trinucleotide repeat containing 18	ENST00000430969	-0,536265433
A_33_P3247609	NM_001005850	ZNF835	zinc finger protein 835	ENST00000537055	-0,536351974
A_23_P124044	NM_021008	DEAF1	deformed epidermal autoregulatory factor 1 (Drosophila)	ENST00000527658	-0,536399817
A_23_P202988	NM_015423	AASDHPPT	aminoadipate-semialdehyde dehydrogenase-phosphopante	ENST00000534152	-0,536453455
A_23_P1083	NM_002060	GJA4	gap junction protein, alpha 4, 37kDa	ENST00000342280	-0,536560668
A_33_P3217819	NM_057749	CCNE2	cyclin E2	ENST00000542725	-0,536652231
A_24_P169092	NM_032427	MAML2	mastermind-like 2 (Drosophila)	ENST00000440572	-0,536693852
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,536714485
A_23_P334263	NM_145204	SENP8	SUMO/sentrin specific peptidase family member 8	ENST00000340912	-0,536727467
A_33_P3272165	NM_152416	C8orf38	chromosome 8 open reading frame 38	ENST00000454358	-0,536761589

A_23_P100141	NM_023076	UNKL	unkempt homolog (Drosophila)-like	ENST00000397464	-0,536777221
A_23_P69383	NM_031458	PARP9	poly (ADP-ribose) polymerase family, member 9	ENST00000452457	-0,536934234
A_21_P0012383	TCONS_I2_0001869	XLOC_I2_009790			-0,536981376
A_21_P0010865	ENST00000457848	XLOC_I2_001911		ENST00000457848	-0,537066552
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,537089489
A_23_P10497	NM_198531	ATP9B	ATPase, class II, type 9B	ENST00000543761	-0,537107258
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,537152908
A_32_P4364	NM_005745	BCAP31	B-cell receptor-associated protein 31	ENST00000458587	-0,537304055
A_23_P53152	NM_020642	AKIP1	A kinase (PRKA) interacting protein 1	ENST00000534147	-0,53730613
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,53732889
A_24_P830690	NM_002613	PDPK1	3-phosphoinositide dependent protein kinase-1	ENST00000441549	-0,537329166
A_23_P105535	NM_172240	POC1B	POC1 centriolar protein homolog B (Chlamydomonas)	ENST00000378528	-0,537370057
A_33_P3327200	NM_001001396	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,537466149
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,537483798
A_23_P214222	NM_002356	MARCKS	myristoylated alanine-rich protein kinase C substrate	ENST00000368635	-0,537722936
A_24_P402080	NM_001025100	MBP	myelin basic protein	ENST00000397860	-0,537808474
A_23_P211814	NM_002375	MAP4	microtubule-associated protein 4	ENST00000360240	-0,538198809
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,538266111
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,538266829
A_23_P384044	NM_152495	CNIH3	cornichon homolog 3 (Drosophila)	ENST00000272133	-0,53827544
A_23_P209232	NM_024692	CLIP4	CAP-GLY domain containing linker protein family, member 4	ENST00000379543	-0,538332502
A_23_P214603	NM_005803	FLOT1	flotillin 1	ENST00000456573	-0,538340652
A_33_P3398597	NM_133180	EPS8L1	EPS8-like 1	ENST00000310075	-0,538412929
A_33_P3300985	XM_001716667	LOC731932	uncharacterized LOC731932		-0,538437337
A_33_P3403615	NM_000801	FKBP1A	FK506 binding protein 1A, 12kDa	ENST00000400137	-0,538491511
A_24_P143440	NM_014183	DYNLRB1	dynein, light chain, roadblock-type 1	ENST00000357156	-0,538501536
A_23_P259621	NM_032464	LAT2	linker for activation of T cells family, member 2	ENST00000460943	-0,538514509
A_24_P229884	NR_029454	LOC440335	uncharacterized LOC440335		-0,538681315
A_23_P113613	NM_022842	CDCP1	CUB domain containing protein 1	ENST00000296129	-0,538736908

A_21_P0012486	THC2644633	XLOC_I2_010511				-0,538762731
A_23_P125829	NM_000291	PGK1	phosphoglycerate kinase 1		ENST00000537456	-0,53876876
A_33_P3264404	AK098270	LOC100132593	uncharacterized LOC100132593			-0,538849025
A_33_P3241782	NM_001617	ADD2	adducin 2 (beta)		ENST00000403045	-0,538895023
A_21_P0005615	BC031939	XLOC_006775			ENST00000523507	-0,538897701
A_23_P142560	NM_014795	ZEB2	zinc finger E-box binding homeobox 2		ENST00000409487	-0,53891938
A_23_P140668	NM_005530	IDH3A	isocitrate dehydrogenase 3 (NAD+) alpha		ENST00000299518	-0,539158432
A_24_P359246	NR_033923	C10orf136	chromosome 10 open reading frame 136		ENST00000374432	-0,539194746
A_32_P465742	NM_003558	PIP5K1B	phosphatidylinositol-4-phosphate 5-kinase, type I, beta		ENST00000265382	-0,539224891
A_21_P0013545	DA808148	XLOC_I2_014686				-0,539246106
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)		ENST00000261769	-0,5392749
A_23_P31414	NM_002553	ORC5	origin recognition complex, subunit 5		ENST00000422497	-0,539385919
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1		ENST00000420653	-0,539459897
A_23_P106362	NM_020980	AQP9	aquaporin 9		ENST00000219919	-0,539481735
A_21_P0006744	ENST00000414308	XLOC_008774			ENST00000414308	-0,539502039
A_21_P0011508	TCONS_I2_0001050	XLOC_I2_005622				-0,539557461
A_32_P41026	NM_001024956	SC5DL	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, <i>S. cerevisiae</i>)-like			-0,539585945
A_33_P3346573	NM_001134364	MAP4	microtubule-associated protein 4		ENST00000383736	-0,539688985
A_23_P80694	NM_022899	ACTR8	ARP8 actin-related protein 8 homolog (yeast)		ENST00000335754	-0,539712527
A_21_P0012129	TCONS_I2_0001635	XLOC_I2_008692				-0,539835636
A_23_P210763	NM_000214	JAG1	jagged 1		ENST00000254958	-0,539867704
A_23_P35820	NM_005507	CFL1	cofilin 1 (non-muscle)		ENST00000526975	-0,539931009
A_23_P203665	NM_018367	ACER3	alkaline ceramidase 3		ENST00000544113	-0,540009733
A_21_P0013037	NR_038217	LOC154092	uncharacterized LOC154092		ENST00000431422	-0,540149284
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4		ENST00000370960	-0,540233349
A_24_P284324	NM_017728	TMEM104	transmembrane protein 104		ENST00000417024	-0,540245867
A_23_P202837	NM_053056	CCND1	cyclin D1		ENST00000227507	-0,540301571
A_23_P106405	NM_002487	NDN	necdin homolog (mouse)		ENST00000331837	-0,540369469
A_23_P118289	NM_004765	BCL7C	B-cell CLL/lymphoma 7C		ENST00000215115	-0,540520579

A_23_P169197	NM_032303	HSDL2	hydroxysteroid dehydrogenase like 2	ENST00000398803	-0,540548553
A_33_P3745146	NM_001098517	CADM1	cell adhesion molecule 1	ENST00000541434	-0,540575123
A_23_P106874	NM_031293	PMFBP1	polyamine modulated factor 1 binding protein 1	ENST00000379073	-0,54060027
A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187	-0,540614954
A_19_P00320056	NR_024052	HCG18	HLA complex group 18 (non-protein coding)	ENST00000426671	-0,54061994
A_21_P0001008	BC038299	XLOC_000375			-0,54062311
A_23_P10385	NM_016448	DTL	denticleless homolog (Drosophila)	ENST00000475419	-0,540656774
A_32_P527371	NM_001039948	SGSM1	small G protein signaling modulator 1	ENST00000480523	-0,540672522
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,540673567
A_33_P3311165	XR_111802	FLJ44313	FLJ44313 protein	ENST00000532511	-0,54090873
A_24_P397435	NM_001044	SLC6A3	solute carrier family 6 (neurotransmitter transporter, dopar	ENST00000270349	-0,540941332
A_23_P309739	NM_000125	ESR1	estrogen receptor 1	ENST00000206249	-0,541000998
A_33_P3410459	NM_001204255	SCARB2	scavenger receptor class B, member 2	ENST00000264896	-0,541098
A_23_P11697	NM_145205	HMGB4	high mobility group box 4	ENST00000522796	-0,541200993
A_23_P12911	NM_022338	C11orf24	chromosome 11 open reading frame 24	ENST00000304271	-0,541221607
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,541234515
A_23_P202004	NM_020200	PRTFDC1	phosphoribosyl transferase domain containing 1	ENST00000320152	-0,541254116
A_23_P160214	NM_001080494	TTC39A	tetratricopeptide repeat domain 39A	ENST00000451380	-0,541288009
A_23_P114095	NM_015884	MBTPS2	membrane-bound transcription factor peptidase, site 2	ENST00000379484	-0,541315124
A_19_P00318232	NM_001145205	SHISA9		ENST00000482916	-0,541315648
A_24_P80776	NM_001135575	C6orf228	chromosome 6 open reading frame 228	ENST00000416247	-0,541334116
A_23_P25735	NM_002791	PSMA6	proteasome (prosome, macropain) subunit, alpha type, 6	ENST00000554541	-0,541348142
A_23_P105535	NM_172240	POC1B	POC1 centriolar protein homolog B (Chlamydomonas)	ENST00000378528	-0,541404539
A_21_P0003030	TCONS_00006208	XLOC_002808			-0,541434032
A_33_P3214550	NM_001557	CXCR2	chemokine (C-X-C motif) receptor 2	ENST00000318507	-0,541444475
A_19_P00801885	XR_132736	LOC440132	hCG1815504	ENST00000440633	-0,541495519
A_33_P3221293	NM_004403	DFNA5	deafness, autosomal dominant 5	ENST00000409775	-0,541623227
A_24_P227927	NM_181078	IL21R	interleukin 21 receptor	ENST00000337929	-0,54162757
A_33_P3388938	NR_024402	MGC23284	uncharacterized LOC197187		-0,541652706

A_23_P144877	NM_004045	ATOX1	ATX1 antioxidant protein 1 homolog (yeast)	ENST00000313115	-0,541669188
A_19_P00318310	TCONS_00012453	XLOC_005238			-0,541960194
A_23_P105923	NM_001362	DIO3	deiodinase, iodothyronine, type III	ENST00000359323	-0,542017957
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,542085056
A_33_P3354935	NM_172212	CSF1	colony stimulating factor 1 (macrophage)	ENST00000369802	-0,542087187
A_23_P125829	NM_000291	PGK1	phosphoglycerate kinase 1	ENST00000537456	-0,54209831
A_24_P245246	NM_003559	PIP4K2B	phosphatidylinositol-5-phosphate 4-kinase, type II, beta	ENST00000269554	-0,542194188
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase	ENST00000248975	-0,542196446
A_24_P826348	NM_198581	ZC3H6	zinc finger CCCH-type containing 6	ENST00000409871	-0,542278489
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,542425051
A_33_P3301469	NR_027019	ANKRD30BL	ankyrin repeat domain 30B-like	ENST00000470729	-0,542498363
A_23_P319572	NM_001077482	NR1I3	nuclear receptor subfamily 1, group I, member 3	ENST00000367979	-0,542499681
A_21_P0002277	THC2755124	XLOC_001640			-0,542499989
A_23_P401700	NM_019043	APBB1IP	amyloid beta (A4) precursor protein-binding, family B, mem	ENST00000376236	-0,542697924
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,542744387
A_33_P3287108	NM_207313	TMEM132E	transmembrane protein 132E	ENST00000321639	-0,542837627
A_24_P577694	NM_021116	ADCY1	adenylate cyclase 1 (brain)	ENST00000297323	-0,542981883
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,543035629
A_23_P113111	NM_000044	AR	androgen receptor	ENST00000544984	-0,543055132
A_21_P0008500	TCONS_00022897	XLOC_011151			-0,543078349
A_24_P270460	NM_005532	IFI27	interferon, alpha-inducible protein 27	ENST00000555121	-0,543085174
A_23_P250644	NM_080656	CDKN2AIPNL	CDKN2A interacting protein N-terminal like	ENST00000458198	-0,543165037
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,54318297
A_24_P393372	NM_001100913	PACS2	phosphofurin acidic cluster sorting protein 2	ENST00000447393	-0,543262462
A_24_P191417	NM_005966	NAB1	NGFI-A binding protein 1 (EGR1 binding protein 1)	ENST00000337386	-0,543322198
A_23_P63158	NM_003126	SPTA1	spectrin, alpha, erythrocytic 1 (elliptocytosis 2)	ENST00000368147	-0,543331544
A_23_P371266	NM_015569	DNM3	dynamamin 3	ENST00000359070	-0,543382916
A_21_P0001005	ENST00000426515	XLOC_000362		ENST00000426515	-0,543492148
A_23_P123086	NR_027329	KIAA1908	uncharacterized LOC114796		-0,543510007

A_23_P115824	NM_012207	HNRNPH3	heterogeneous nuclear ribonucleoprotein H3 (2H9)	ENST00000265866	-0,543696006
A_24_P81947	NM_014325	CORO1C	coronin, actin binding protein, 1C	ENST00000261401	-0,543727632
A_32_P176018	NM_030812	ACTL8	actin-like 8	ENST00000375406	-0,543766574
A_24_P71153	NM_000437	PAFAH2	platelet-activating factor acetylhydrolase 2, 40kDa	ENST00000374282	-0,543812532
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,543822256
A_24_P382489	NM_198580	SLC27A1	solute carrier family 27 (fatty acid transporter), member 1	ENST00000252595	-0,543834614
A_23_P141802	NM_001040147	SERPINB7	serpin peptidase inhibitor, clade B (ovalbumin), member 7	ENST00000540675	-0,543838238
A_23_P422193	NM_003173	SUV39H1	suppressor of variegation 3-9 homolog 1 (Drosophila)	ENST00000448548	-0,543898938
A_23_P146637	NM_005866	SIGMAR1	sigma non-opioid intracellular receptor 1	ENST00000360710	-0,544001526
A_33_P3223503	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380217	-0,544001689
A_23_P106874	NM_031293	PMFBP1	polyamine modulated factor 1 binding protein 1	ENST00000379073	-0,544037278
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,54406937
A_21_P0008271	ENST00000557689	XLOC_010908		ENST00000557689	-0,544195724
A_23_P66050	NM_033309	B3GNT9	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9		-0,544225141
A_33_P3394972	NM_020896	OSBPL5	oxysterol binding protein-like 5	ENST00000357352	-0,544252989
A_23_P137173	NM_021992	TMSB15A	thymosin beta 15a	ENST00000289373	-0,544264574
A_33_P3272698	NM_017823	DUSP23	dual specificity phosphatase 23	ENST00000368107	-0,544311469
A_33_P3342410	NM_013302	EEF2K	eukaryotic elongation factor-2 kinase		-0,544313465
A_23_P316812	NR_002796	AKR7A2P1	aldo-keto reductase family 7, member A2 pseudogene 1		-0,544364435
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,544391073
A_33_P3347413	NM_020524	PBXIP1	pre-B-cell leukemia homeobox interacting protein 1	ENST00000542459	-0,544407504
A_33_P3404470	NM_030930	UNC93B1	unc-93 homolog B1 (C. elegans)	ENST00000525262	-0,544449632
A_21_P0004156	ENST00000507491	XLOC_004928		ENST00000507491	-0,544500005
A_23_P24345	NM_152264	SLC39A13	solute carrier family 39 (zinc transporter), member 13	ENST00000362021	-0,544528504
A_33_P3296366	NM_015720	PODXL2	podocalyxin-like 2	ENST00000302192	-0,544568073
A_21_P0003345	ENST00000511520	XLOC_003488		ENST00000511520	-0,544588927
A_32_P32254	NM_001848	COL6A1	collagen, type VI, alpha 1	ENST00000538397	-0,54460713
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,544627376
A_23_P60376	NM_153200	EDF1	endothelial differentiation-related factor 1	ENST00000224073	-0,544653478

A_23_P115824	NM_012207	HNRNPH3	heterogeneous nuclear ribonucleoprotein H3 (2H9)	ENST00000265866	-0,544743188
A_33_P3806965	AK023806	FLJ13744	uncharacterized FLJ13744		-0,544751487
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,544829192
A_21_P0014567	XR_110327	LOC100507594	uncharacterized LOC100507594		-0,54488988
A_23_P105535	NM_172240	POC1B	POC1 centriolar protein homolog B (Chlamydomonas)	ENST00000378528	-0,544987285
A_23_P27005	NM_024308	DHRS11	dehydrogenase/reductase (SDR family) member 11	ENST00000251312	-0,54515904
A_21_P0006292	TCONS_00016402	XLOC_007773			-0,5452845
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,545339951
A_23_P118289	NM_004765	BCL7C	B-cell CLL/lymphoma 7C	ENST00000215115	-0,545363741
A_21_P0002363	TCONS_00004039	XLOC_001878			-0,545410184
A_21_P0013846	NR_015367	LOC550643	uncharacterized LOC550643		-0,54546578
A_24_P943113	NM_173359	EIF4E3	eukaryotic translation initiation factor 4E family member 3	ENST00000295612	-0,545519185
A_21_P0005696	TCONS_00014700	XLOC_006798			-0,54554331
A_24_P154080	NM_001397	ECE1	endothelin converting enzyme 1	ENST00000470394	-0,545777367
A_33_P3352253	NM_001001925	MTUS1	microtubule associated tumor suppressor 1	ENST00000381862	-0,545789719
A_33_P3288359	NM_002801	PSMB10	proteasome (prosome, macropain) subunit, beta type, 10	ENST00000358514	-0,545840086
A_23_P115932	NM_181840	KCNK18	potassium channel, subfamily K, member 18	ENST00000334549	-0,545925786
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975	-0,545926809
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,545989682
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,546173142
A_33_P3414907	NM_001200050	NPL	N-acetylneuraminatase pyruvate lyase (dihydrodipicolinate sy	ENST00000367555	-0,546255494
A_24_P319647	NM_030764	FCRL2	Fc receptor-like 2	ENST00000392274	-0,546348545
A_23_P115824	NM_012207	HNRNPH3	heterogeneous nuclear ribonucleoprotein H3 (2H9)	ENST00000265866	-0,546510552
A_33_P3236517	NM_152401	PDCL2	phosducin-like 2	ENST00000295645	-0,546685953
A_24_P335305	NM_006187	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	ENST00000323881	-0,546723349
A_23_P10497	NM_198531	ATP9B	ATPase, class II, type 9B	ENST00000543761	-0,54672406
A_23_P40718	NM_001003828	PARVB	parvin, beta	ENST00000406477	-0,54682866
A_23_P60517	NM_181425	FXN	frataxin	ENST00000396366	-0,546828913
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,546930039

A_33_P3384932	NM_001243750	NUDT8	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000376693	-0,546971565
A_33_P3405424	NM_172374	IL4I1	interleukin 4 induced 1	ENST00000341114	-0,547025968
A_23_P105535	NM_172240	POC1B	POC1 centriolar protein homolog B (Chlamydomonas)	ENST00000378528	-0,547114997
A_21_P0001598	TCONS_00001741	XLOC_001117			-0,547141322
A_21_P0004178	ENST00000503145	XLOC_004981		ENST00000503145	-0,547206102
A_23_P76488	NM_001423	EMP1	epithelial membrane protein 1	ENST00000256951	-0,547206692
A_23_P372255	NM_002221	ITPKB	inositol-trisphosphate 3-kinase B	ENST00000429204	-0,54728191
A_32_P122226	NM_152435	AMDHD1	amidohydrolase domain containing 1	ENST00000548310	-0,54735247
A_33_P3389298	NM_001099438	ZNF30	zinc finger protein 30	ENST00000342559	-0,547534647
A_33_P3418025	NM_001334	CTSO	cathepsin O	ENST00000433477	-0,547544137
A_23_P112004	NM_012472	LRRC6	leucine rich repeat containing 6	ENST00000395414	-0,547744199
A_23_P30603	NM_003649	DDO	D-aspartate oxidase	ENST00000368924	-0,5477637
A_24_P28657	NM_015446	AHCTF1	AT hook containing transcription factor 1	ENST00000391829	-0,54776593
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,547828342
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000492183	-0,547993838
A_24_P914513	NM_183050	BCKDHB	branched chain keto acid dehydrogenase E1, beta polypept	ENST00000320393	-0,548118951
A_23_P80342	NM_006116	TAB1	TGF-beta activated kinase 1/MAP3K7 binding protein 1	ENST00000216160	-0,54814885
A_33_P3391005	NM_001144967	NEDD4L	neural precursor cell expressed, developmentally down-reg	ENST00000382850	-0,548177169
A_23_P42241	NM_030876	OR5V1	olfactory receptor, family 5, subfamily V, member 1	ENST00000377154	-0,548280522
A_21_P0001634	TCONS_00001843	XLOC_001228			-0,548587997
A_21_P0000534	NM_001159287	TPI1	triosephosphate isomerase 1	ENST00000535434	-0,548605337
A_23_P26184	NM_017996	DET1	de-etiolated homolog 1 (Arabidopsis)	ENST00000268148	-0,548690291
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,548822019
A_23_P138776	NM_001610	ACP2	acid phosphatase 2, lysosomal	ENST00000525230	-0,548877446
A_21_P0011617	ENST00000454535	XLOC_I2_005693		ENST00000454535	-0,548883438
A_33_P3212804	NM_001010859	C22orf42	chromosome 22 open reading frame 42	ENST00000467813	-0,548996866
A_21_P0011698	TCONS_I2_0001252	XLOC_I2_006718			-0,549089276
A_24_P46130	NM_001099	ACPP	acid phosphatase, prostate	ENST00000336375	-0,549131449
A_32_P78816	NM_004577	PSPH	phosphoserine phosphatase	ENST00000395471	-0,549331875

A_23_P207037	NM_007261	CD300A	CD300a molecule	ENST00000310828	-0,549403084
A_23_P106405	NM_002487	NDN	necdin homolog (mouse)	ENST00000331837	-0,54947919
A_21_P0001958	ENST00000440326	XLOC_001826		ENST00000440326	-0,549482345
A_23_P258340	NM_021130	PPIA	peptidylprolyl isomerase A (cyclophilin A)	ENST00000419275	-0,549495515
A_23_P106405	NM_002487	NDN	necdin homolog (mouse)	ENST00000331837	-0,549514928
A_33_P3363425	NM_174938	FRMD3	FERM domain containing 3	ENST00000304195	-0,549649308
A_23_P433798	NM_024825	PODNL1	podocan-like 1	ENST00000254320	-0,549857828
A_21_P0014041	A_21_P0014041	IPO13			-0,549862362
A_33_P3244347	NM_001040716	PC	pyruvate carboxylase	ENST00000393960	-0,549904013
A_23_P258340	NM_021130	PPIA	peptidylprolyl isomerase A (cyclophilin A)	ENST00000419275	-0,54998466
A_21_P0012945	BG214557	XLOC_l2_011627			-0,550054529
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,550143208
A_33_P3367550	NR_033379	LOC401242	uncharacterized LOC401242	ENST00000411600	-0,550177878
A_21_P0003883	TCONS_00009007	XLOC_003853			-0,5504522
A_23_P120566	NM_001042576	RRBP1	ribosome binding protein 1 homolog 180kDa (dog)	ENST00000455029	-0,550491453
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,550546607
A_23_P111361	NM_173672	PPIL6	peptidylprolyl isomerase (cyclophilin)-like 6	ENST00000521072	-0,550563173
A_33_P3270599	NM_213674	TPM2	tropomyosin 2 (beta)	ENST00000329305	-0,550641547
A_24_P65121	NM_001040655	TTC23	tetratricopeptide repeat domain 23	ENST00000394130	-0,550677036
A_33_P3347528	NR_003928	RP11-165H20.1	CHIA-like pseudogene	ENST00000369743	-0,550835102
A_23_P258340	NM_021130	PPIA	peptidylprolyl isomerase A (cyclophilin A)	ENST00000419275	-0,550894447
A_24_P28295	NM_001243765	RABGAP1L	RAB GTPase activating protein 1-like	ENST00000367686	-0,550987409
A_33_P3343295	NM_024535	CORO7	coronin 7	ENST00000539968	-0,551010911
A_23_P426663	NM_198159	MITF	microphthalmia-associated transcription factor	ENST00000394355	-0,551167603
A_23_P393758	NM_138401	FAM125A	family with sequence similarity 125, member A	ENST00000543795	-0,551183197
A_21_P0003189	TCONS_00006707	XLOC_003322			-0,551306925
A_23_P59528	NM_020186	ACN9	ACN9 homolog (<i>S. cerevisiae</i>)	ENST00000479853	-0,551480282
A_24_P83586	NM_015506	MMACHC	methylmalonic aciduria (cobalamin deficiency) cblC type, w	ENST00000401061	-0,551512297
A_19_P00320469	NR_015375	FLJ35024	uncharacterized LOC401491		-0,551523284

A_23_P122796	NM_016063	HDDC2	HD domain containing 2	ENST00000398153	-0,551552596
A_23_P256735	NM_016134	PGCP	plasma glutamate carboxypeptidase	ENST00000220763	-0,551558962
A_33_P3210343	NM_001987	ETV6	ets variant 6		-0,551609517
A_32_P494620	NM_182548	LHFPL5	lipoma HMGIC fusion partner-like 5	ENST00000373853	-0,551643049
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000361441	-0,551704435
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,551707203
A_23_P331928	NM_133493	CD109	CD109 molecule	ENST00000437994	-0,551877679
A_23_P102864	NM_002772	TMPRSS15	transmembrane protease, serine 15	ENST00000284885	-0,551907661
A_24_P49427	NM_020864	KIAA1486	KIAA1486	ENST00000272907	-0,551914163
A_23_P130488	NM_000400	ERCC2	excision repair cross-complementing rodent repair deficiency	ENST00000391944	-0,551944286
A_21_P0011444	TCONS_I2_0000981: XLOC_I2_005276				-0,55196788
A_23_P96833	NM_033438	SLAMF9	SLAM family member 9	ENST00000368093	-0,551981798
A_19_P00321264	NR_015439	LOC550112	uncharacterized LOC550112		-0,552004308
A_33_P3313830	NR_015360	FLJ33630	uncharacterized LOC644873		-0,552144632
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,552259962
A_33_P3224946	XR_108603	FLJ46010	FLJ46010 protein		-0,552420154
A_21_P0010465	TCONS_00029809	XLOC_014244			-0,552444851
A_23_P154849	NM_138983	OLIG1	oligodendrocyte transcription factor 1	ENST00000426947	-0,552494631
A_21_P0003301	TCONS_00007281	XLOC_003284			-0,552527475
A_23_P114314	NM_005193	CDX4	caudal type homeobox 4	ENST00000373514	-0,552557822
A_23_P348383	NM_001080522	CC2D2A	coiled-coil and C2 domain containing 2A	ENST00000510333	-0,552641266
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,552646166
A_23_P56213	NM_020895	GRAMD1A	GRAM domain containing 1A	ENST00000411896	-0,552652341
A_23_P105535	NM_172240	POC1B	POC1 centriolar protein homolog B (Chlamydomonas)	ENST00000378528	-0,552754661
A_21_P0010137	NR_033840	LINC00163	long intergenic non-protein coding RNA 163	ENST00000434081	-0,552799296
A_24_P69538	NM_138554	TLR4	toll-like receptor 4	ENST00000472304	-0,552951018
A_24_P709377	NR_015377	LOC654433	uncharacterized LOC654433		-0,553129611
A_33_P3411145	NM_001145191	FAM200B	family with sequence similarity 200, member B	ENST00000504137	-0,55318617
A_23_P364766	NM_001009608	C20orf94	chromosome 20 open reading frame 94	ENST00000334534	-0,553202203

A_21_P0008749	TCONS_00023701	XLOC_011506				-0,553267466
A_33_P3290914	NM_006306	SMC1A	structural maintenance of chromosomes 1A		ENST00000340213	-0,553323048
A_33_P3314525	NR_026675	CRYM-AS1	CRYM antisense RNA 1 (non-protein coding)			-0,553414309
A_21_P0010649	TCONS_I2_0000149	XLOC_I2_001086				-0,553465913
A_21_P0011887	ENST00000430980	LOC728763	rootletin-like		ENST00000430980	-0,553477498
A_23_P19691	NM_014320	HEBP2	heme binding protein 2		ENST00000058691	-0,55348704
A_21_P0007102	TCONS_00018936	XLOC_008826				-0,553501333
A_21_P0008613	THC2662357	XLOC_011213				-0,553528277
A_33_P3405334	NM_000405	GM2A	GM2 ganglioside activator		ENST00000357164	-0,553541039
A_33_P3386965	NM_145167	PIGM	phosphatidylinositol glycan anchor biosynthesis, class M		ENST00000368090	-0,553554978
A_24_P298716	NR_001553	FAM197Y2P	family with sequence similarity 197, Y-linked, member 2, ps		ENST00000420524	-0,553588263
A_23_P84189	NM_181671	PITPNC1	phosphatidylinositol transfer protein, cytoplasmic 1		ENST00000299954	-0,55359394
A_23_P422732	NM_145172	WDR63	WD repeat domain 63		ENST00000294664	-0,553596025
A_24_P228717	NM_002872	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP-binding protein)		ENST00000441619	-0,553608535
A_23_P56759	NM_016618	KRCC1	lysine-rich coiled-coil 1		ENST00000347055	-0,553617318
A_24_P13715	NM_147188	FBXO22	F-box protein 22		ENST00000308275	-0,553680417
A_23_P398637	NM_152292	RG9MTD2	RNA (guanine-9-) methyltransferase domain containing 2		ENST00000273962	-0,553815695
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ dependent)		ENST00000492183	-0,55382843
A_21_P0004441	TCONS_00010468	XLOC_004988				-0,553865412
A_33_P3273436	NM_138801	GALM	galactose mutarotase (aldose 1-epimerase)		ENST00000272252	-0,553967897
A_23_P17844	NM_002854	PVALB	parvalbumin		ENST00000404171	-0,554059037
A_23_P37910	NM_002746	MAPK3	mitogen-activated protein kinase 3		ENST00000395202	-0,554072748
A_23_P374389	NM_138499	PWWP2B	PWWP domain containing 2B		ENST00000368609	-0,55422811
A_23_P19852	NM_152558	IQCE	IQ motif containing E		ENST00000404984	-0,554296164
A_21_P0001943	ENST00000424170	XLOC_001776			ENST00000424170	-0,554440164
A_33_P3416937	ENST00000374624	FAM206A	family with sequence similarity 206, member A		ENST00000374624	-0,554442819
A_24_P355876	NM_003217	TMBIM6	transmembrane BAX inhibitor motif containing 6		ENST00000542631	-0,55448325
A_21_P0006996	TCONS_00018516	XLOC_008825				-0,554506207
A_21_P0006733	ENST00000457632	XLOC_008721			ENST00000457632	-0,55451346

A_21_P0006675	ENST00000442526	XLOC_008467		ENST00000442526	-0,554565256
A_21_P0003917	CR936814	XLOC_004207			-0,55465719
A_33_P3335725	NM_000208	INSR	insulin receptor	ENST00000302850	-0,554750926
A_21_P0010409	ENST00000413244	XLOC_014198		ENST00000413244	-0,554989425
A_21_P0007030	TCONS_00018636	XLOC_008984			-0,555026859
A_23_P252462	NM_021808	GALNT9	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000541995	-0,555106598
A_21_P0012751	ENST00000514475	XLOC_I2_010863		ENST00000514475	-0,555221719
A_21_P0000876	NR_039993	LOC100505894	uncharacterized LOC100505894		-0,555233873
A_23_P11025	NM_001178106	ZNF185	zinc finger protein 185 (LIM domain)	ENST00000370268	-0,555254612
A_23_P418485	NM_152587	C11orf65	chromosome 11 open reading frame 65	ENST00000393084	-0,555341048
A_23_P57401	NM_006767	LZTR1	leucine-zipper-like transcription regulator 1	ENST00000463909	-0,555455897
A_33_P3256303	NM_001206609	SELPLG	selectin P ligand	ENST00000388962	-0,555478775
A_32_P44534	NM_182559	TMPRSS12	transmembrane (C-terminal) protease, serine 12	ENST00000398458	-0,555514528
A_23_P141974	NM_003290	TPM4	tropomyosin 4	ENST00000538887	-0,555660943
A_21_P0011208	ENST00000440735	XLOC_I2_003859		ENST00000440735	-0,555882803
A_24_P125881	NM_005137	DGCR2	DiGeorge syndrome critical region gene 2	ENST00000545799	-0,555909983
A_21_P0000141	NM_001198844	RBM4	RNA binding motif protein 4	ENST00000550837	-0,555917066
A_24_P82106	NM_004995	MMP14	matrix metalloproteinase 14 (membrane-inserted)	ENST00000311852	-0,555934821
A_24_P272761	NM_020946	DENND1A	DENN/MADD domain containing 1A	ENST00000373624	-0,556043286
A_33_P3280213	NM_001127695	CTSA	cathepsin A	ENST00000372459	-0,556074024
A_23_P66732	NM_031965	GSG2	germ cell associated 2 (haspin)	ENST00000325418	-0,556076593
A_23_P398566	NM_173200	NR4A3	nuclear receptor subfamily 4, group A, member 3	ENST00000330847	-0,55610644
A_23_P361584	NM_152680	TMEM154	transmembrane protein 154	ENST00000304385	-0,556137753
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase a	ENST00000248975	-0,556151165
A_24_P244410	NM_014042	C11orf51	chromosome 11 open reading frame 51	ENST00000538919	-0,556278906
A_33_P3381621	ENST00000329020	PLB1	phospholipase B1	ENST00000329020	-0,556315826
A_23_P142708	NM_030805	LMAN2L	lectin, mannose-binding 2-like	ENST00000434524	-0,55633267
A_23_P28652	NM_016085	C2orf28	chromosome 2 open reading frame 28	ENST00000380171	-0,556505069
A_24_P295877	NM_014704	CEP104	centrosomal protein 104kDa	ENST00000438539	-0,556752943

A_23_P18598	NM_018323	PI4K2B	phosphatidylinositol 4-kinase type 2 beta	ENST00000537420	-0,556836111
A_33_P3248439	NM_033446	FAM125B	family with sequence similarity 125, member B	ENST00000361171	-0,556928574
A_23_P13364	NM_005013	NUCB2	nucleobindin 2	ENST00000458064	-0,556959648
A_21_P0013848	NM_005197	FOXN3	forkhead box N3	ENST00000431331	-0,557037628
A_33_P3305373	NM_001002907	OR8K1	olfactory receptor, family 8, subfamily K, member 1	ENST00000279783	-0,557038935
A_23_P151805	NM_006329	FBLN5	fibulin 5	ENST00000267620	-0,557113058
A_33_P3288159	NM_018136	ASPM	asp (abnormal spindle) homolog, microcephaly associated (	ENST00000294732	-0,557125463
A_23_P121215	NM_003656	CAMK1	calcium/calmodulin-dependent protein kinase I	ENST00000397277	-0,557137842
A_21_P0000950	ENST00000416696	XLOC_000055		ENST00000416696	-0,557140394
A_33_P3483634	NR_027108	LOC285593	uncharacterized LOC285593	ENST00000517299	-0,557198587
A_32_P86578	NR_036580	LOC389023	uncharacterized LOC389023	ENST00000432658	-0,557207979
A_23_P47806	NM_012064	MIP	major intrinsic protein of lens fiber	ENST00000557333	-0,557230955
A_23_P153390	NM_198492	CLEC4G	C-type lectin domain family 4, member G	ENST00000328853	-0,557240059
A_23_P35467	NM_018464	CISD1	CDGSH iron sulfur domain 1	ENST00000464703	-0,557252597
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,557318721
A_33_P3217834	NM_014140	SMARCAL1	SWI/SNF related, matrix associated, actin dependent regula	ENST00000358207	-0,557345493
A_33_P3256680	NM_004225	MFHAS1	malignant fibrous histiocytoma amplified sequence 1	ENST00000276282	-0,557351393
A_33_P3292769	NM_145912	NFAM1	NFAT activating protein with ITAM motif 1	ENST00000329021	-0,557386501
A_23_P114952	NM_016456	TMEM9	transmembrane protein 9	ENST00000472411	-0,557641444
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENST00000216121	-0,557696321
A_21_P0000800	NR_038431	LOC100506054	uncharacterized LOC100506054		-0,557711008
A_23_P104025	NM_052965	TSEN15	tRNA splicing endonuclease 15 homolog (S. cerevisiae)	ENST00000462677	-0,557729996
A_33_P3319760	NM_003564	TAGLN2	transgelin 2	ENST00000397334	-0,557740004
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,557911035
A_19_P00809429	NM_032689	ZNF607		ENST00000355202	-0,557914512
A_23_P16834	NM_022823	FNDC4	fibronectin type III domain containing 4	ENST00000491414	-0,557947431
A_33_P3228375	NM_020750	XPO5	exportin 5	ENST00000372252	-0,55803897
A_32_P168442	NR_003716	HOTAIR	HOX transcript antisense RNA (non-protein coding)		-0,558053642
A_32_P209094	NM_018291	FGGY	FGGY carbohydrate kinase domain containing	ENST00000480847	-0,558140378

A_33_P3798989	AK127847	FLJ45950	FLJ45950 protein		-0,558160103
A_33_P3315134	NR_026597	DIRC3	disrupted in renal carcinoma 3	ENST00000474063	-0,558303632
A_33_P3862375	NM_001080481	USP45	ubiquitin specific peptidase 45	ENST00000539675	-0,558308601
A_21_P0013873	ENST00000427671	XLOC_I2_015842		ENST00000427671	-0,558347637
A_23_P78595	NM_033543	CEACAM21	carcinoembryonic antigen-related cell adhesion molecule 2	ENST00000401445	-0,55843875
A_33_P3362900	NM_001145710	LOC375190	UPF0638 protein B	ENST00000420135	-0,558543661
A_24_P126139	NM_016370	RAB9B	RAB9B, member RAS oncogene family	ENST00000243298	-0,558638132
A_24_P56130	NM_079423	MYL6	myosin, light chain 6, alkali, smooth muscle and non-muscle	ENST00000550639	-0,558831416
A_23_P129903	NM_001037330	TRIM16L	tripartite motif containing 16-like	ENST00000395902	-0,559027107
A_23_P351913	NM_152611	LRRN4	leucine rich repeat neuronal 4	ENST00000378858	-0,559033822
A_21_P0011069	XR_109143	LOC100506691	uncharacterized LOC100506691		-0,559209824
A_23_P201376	NM_014021	SSX2IP	synovial sarcoma, X breakpoint 2 interacting protein	ENST00000437941	-0,559236646
A_21_P0014746	ENST00000436772	LOC100652965		ENST00000436772	-0,559273693
A_24_P179816	NM_024330	SLC27A3	solute carrier family 27 (fatty acid transporter), member 3	ENST00000468044	-0,559294088
A_23_P4036	NM_018469	TEX2	testis expressed 2	ENST00000258991	-0,559327748
A_33_P3257297	NM_001008723	CCDC147	coiled-coil domain containing 147	ENST00000369704	-0,5594382
A_33_P3392952	NM_004514	FOXK2	forkhead box K2	ENST00000335255	-0,559488348
A_23_P104025	NM_052965	TSEN15	tRNA splicing endonuclease 15 homolog (S. cerevisiae)	ENST00000462677	-0,559501483
A_32_P72394	NM_002735	PRKAR1B	protein kinase, cAMP-dependent, regulatory, type I, beta	ENST00000417852	-0,559541697
A_23_P52806	NM_012104	BACE1	beta-site APP-cleaving enzyme 1	ENST00000313005	-0,559573667
A_33_P3387951	NM_020340	KIAA1244	KIAA1244	ENST00000251691	-0,55960774
A_24_P261760	NM_005810	KLRG1	killer cell lectin-like receptor subfamily G, member 1	ENST00000356986	-0,559683819
A_23_P7873	NM_002388	MCM3	minichromosome maintenance complex component 3	ENST00000340349	-0,559693335
A_23_P351467	NR_002174	CMAHP	cytidine monophospho-N-acetylneuraminic acid hydroxylase	ENST00000471416	-0,559781993
A_21_P0006988	TCONS_00018492	XLOC_008792			-0,55982677
A_24_P95038	NM_021130	PPIA	peptidylprolyl isomerase A (cyclophilin A)	ENST00000415933	-0,559850297
A_24_P350576	NM_015028	TNIK	TRAF2 and NCK interacting kinase	ENST00000369326	-0,559910415
A_32_P223140	NM_145313	RASGEF1A	RasGEF domain family, member 1A	ENST00000395809	-0,559956386
A_21_P0007219	TCONS_00019322	XLOC_009167			-0,560031478

A_21_P0003182	TCONS_00006678	XLOC_003273				-0,560169403
A_23_P98350	NM_001165	BIRC3	baculoviral IAP repeat containing 3	ENST00000263464		-0,560174157
A_21_P0011690	ENST00000453968	XLOC_I2_006704		ENST00000453968		-0,560236228
A_33_P3398331	NM_006690	MMP24	matrix metalloproteinase 24 (membrane-inserted)	ENST00000246186		-0,560302725
A_23_P124837	NM_002332	LRP1	low density lipoprotein receptor-related protein 1	ENST00000556356		-0,560304214
A_23_P203957	NM_175861	TMTC1	transmembrane and tetratricopeptide repeat containing 1	ENST00000319685		-0,560344481
A_23_P169257	NM_001244	TNFSF8	tumor necrosis factor (ligand) superfamily, member 8	ENST00000223795		-0,560482501
A_33_P3211432	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000289473		-0,560553719
A_24_P339869	NM_020727	ZNF295	zinc finger protein 295	ENST00000310826		-0,560592338
A_21_P0003684	BU655974	XLOC_003790				-0,560688052
A_24_P319923	NM_053025	MYLK	myosin light chain kinase	ENST00000418370		-0,560705692
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213		-0,56072078
A_33_P3358213	NM_207421	PADI6	peptidyl arginine deiminase, type VI	ENST00000434762		-0,560732855
A_21_P0014119	ENST00000474250	LOC100507239		ENST00000474250		-0,560808537
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746		-0,560810139
A_23_P114952	NM_016456	TMEM9	transmembrane protein 9	ENST00000472411		-0,560831191
A_23_P136355	NM_018194	HHAT	hedgehog acyltransferase	ENST00000367010		-0,560929288
A_23_P258340	NM_021130	PPIA	peptidylprolyl isomerase A (cyclophilin A)	ENST00000419275		-0,560999498
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001		-0,561022404
A_21_P0011966	NR_026758	LOC440905	uncharacterized LOC440905	ENST00000428123		-0,561133231
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129		-0,561237527
A_23_P131435	NM_014880	CD302	CD302 molecule	ENST00000554112		-0,56142742
A_23_P63281	NM_001029885	GLTPD1	glycolipid transfer protein domain containing 1	ENST00000343938		-0,561438944
A_33_P3413989	NM_000062	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	ENST00000405496		-0,561527371
A_23_P208493	NM_005874	LILRB2	leukocyte immunoglobulin-like receptor, subfamily B (with	ENST00000434421		-0,561590964
A_21_P0003444	NR_045414	HTT-AS1	HTT antisense RNA 1 (non-protein coding)	ENST00000503893		-0,561622477
A_33_P3712008	AL512720	DKFZp547J222	uncharacterized LOC84237			-0,561688817
A_24_P132276	NM_018292	QRSL1	glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1	ENST00000369046		-0,561697484
A_23_P114095	NM_015884	MBTPS2	membrane-bound transcription factor peptidase, site 2	ENST00000379484		-0,56172395

A_33_P3251796	NM_014317	PDSS1	prenyl (decaprenyl) diphosphate synthase, subunit 1	ENST00000396343	-0,561740268
A_24_P494454	NM_001010862	SPIN3	spindlin family, member 3		-0,561789911
A_21_P0006401	NR_027131	NKAPP1	NFKB activating protein pseudogene 1		-0,561796595
A_21_P0011950	ENST00000451884	XLOC_I2_008203		ENST00000451884	-0,562012333
A_23_P132226	NM_001008566	TPST2	tyrosylprotein sulfotransferase 2	ENST00000528868	-0,562014874
A_23_P117387	NM_054024	MIA2	melanoma inhibitory activity 2	ENST00000556784	-0,562090616
A_23_P307761	NM_031215	CABLES2	Cdk5 and Abl enzyme substrate 2	ENST00000279101	-0,562113708
A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-0,562169671
A_24_P163237	NM_020225	STOX2	storkhead box 2	ENST00000506529	-0,562175581
A_33_P3228892	XM_001714096	LOC100130370	uncharacterized LOC100130370		-0,56219326
A_33_P3327479	NM_016598	ZDHHC3	zinc finger, DHHC-type containing 3	ENST00000339420	-0,562264808
A_23_P10305	NM_175859	CTPS2	CTP synthase II	ENST00000380207	-0,562310778
A_23_P150768	NM_007256	SLCO2B1	solute carrier organic anion transporter family, member 2B:	ENST00000524599	-0,562401
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,562578449
A_21_P0010661	THC2776855	XLOC_I2_001196			-0,562614621
A_23_P20427	NM_015178	RHOBTB2	Rho-related BTB domain containing 2	ENST00000251822	-0,562631192
A_23_P353014	NM_172364	CACNA2D4	calcium channel, voltage-dependent, alpha 2/delta subunit	ENST00000382722	-0,562703803
A_21_P0013574	NM_001242767	MTHFD1L	methylenetetrahydrofolate dehydrogenase (NADP+ depenc	ENST00000432011	-0,562803748
A_23_P22352	ENST00000342409	FRMD4A	FERM domain containing 4A	ENST00000342409	-0,562850687
A_24_P330633	NM_000353	TAT	tyrosine aminotransferase	ENST00000355962	-0,562896539
A_21_P0007133	AK056982	XLOC_009372			-0,562936108
A_21_P0007865	TCONS_00021257	XLOC_009955			-0,562946444
A_33_P3241786	NM_017482	ADD2	adducin 2 (beta)	ENST00000413157	-0,563085174
A_23_P89902	NM_005619	RTN2	reticulon 2	ENST00000245923	-0,563195071
A_23_P204269	NM_006313	USP15	ubiquitin specific peptidase 15	ENST00000393654	-0,5632085
A_32_P18440	NM_032199	ARID5B	AT rich interactive domain 5B (MRF1-like)	ENST00000279873	-0,563215155
A_21_P0006239	XR_109854	LOC100506532	uncharacterized LOC100506532		-0,563264222
A_33_P3394252	NM_152519	C2orf67	chromosome 2 open reading frame 67	ENST00000281772	-0,563264523
A_23_P3221	NM_021199	SQRDL	sulfide quinone reductase-like (yeast)	ENST00000260324	-0,563323819

A_23_P36689	NM_006992	LRRC23	leucine rich repeat containing 23	ENST00000486401	-0,563352645
A_23_P151506	NM_016445	PLEK2	pleckstrin 2	ENST00000216446	-0,563358944
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,563502625
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,563820207
A_33_P3821313	NR_033898	LOC285577	uncharacterized LOC285577	ENST00000505443	-0,563916051
A_23_P149529	NM_002353	TACSTD2	tumor-associated calcium signal transducer 2	ENST00000371225	-0,563926612
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,56398301
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,563991804
A_33_P3411357	NR_024157	DGCR11	DiGeorge syndrome critical region gene 11		-0,56407529
A_21_P0006915	TCONS_00018339	XLOC_008619			-0,564123691
A_33_P3284939	NM_199129	TMEM189	transmembrane protein 189	ENST00000371652	-0,564140117
A_23_P95823	NM_145080	NSMCE1	non-SMC element 1 homolog (<i>S. cerevisiae</i>)	ENST00000361439	-0,564193684
A_23_P122116	NM_016222	DDX41	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41	ENST00000507900	-0,564242762
A_23_P258340	NM_021130	PPIA	peptidylprolyl isomerase A (cyclophilin A)	ENST00000419275	-0,564250293
A_23_P102864	NM_002772	TMPRSS15	transmembrane protease, serine 15	ENST00000284885	-0,564317492
A_23_P257668	NM_024926	TTC26	tetratricopeptide repeat domain 26	ENST00000430935	-0,564351435
A_23_P205531	NM_002937	RNASE4	ribonuclease, RNase A family, 4	ENST00000397995	-0,564399058
A_23_P100499	NM_024589	ROGDI	rogdi homolog (<i>Drosophila</i>)	ENST00000322048	-0,564401483
A_24_P15043	NM_025010	KLHL18	kelch-like 18 (<i>Drosophila</i>)	ENST00000232766	-0,564420009
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (<i>E. coli</i>)	ENST00000543555	-0,564538758
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129	-0,564547025
A_23_P10497	NM_198531	ATP9B	ATPase, class II, type 9B	ENST00000543761	-0,564585326
A_33_P3279276	NM_001080423	GRIP2	glutamate receptor interacting protein 2	ENST00000507975	-0,56460688
A_19_P00805625	BC038559	LOC100506190	uncharacterized LOC100506190		-0,564672759
A_23_P52647	NM_006795	EHD1	EH-domain containing 1	ENST00000359393	-0,564716616
A_23_P156180	NM_003059	SLC22A4	solute carrier family 22 (organic cation/ergothioneine trans	ENST00000200652	-0,564747388
A_23_P258340	NM_021130	PPIA	peptidylprolyl isomerase A (cyclophilin A)	ENST00000419275	-0,564835409
A_23_P121825	NM_024941	C5orf44	chromosome 5 open reading frame 44	ENST00000545191	-0,564841913
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,564882198

A_23_P321354	NM_144649	TMEM71	transmembrane protein 71	ENST00000356838	-0,564893048
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,564893552
A_33_P3362178	NM_001243007	PROX2	prospero homeobox 2	ENST00000445876	-0,56494061
A_33_P3362696	NM_018157	RIC8B	resistance to inhibitors of cholinesterase 8 homolog B (C. el	ENST00000392837	-0,564941376
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,565064009
A_23_P92261	NM_032331	ECE2	endothelin converting enzyme 2	ENST00000324557	-0,565088142
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975	-0,565159596
A_33_P3226832	NM_001993	F3	coagulation factor III (thromboplastin, tissue factor)	ENST00000370207	-0,565230298
A_23_P104025	NM_052965	TSEN15	tRNA splicing endonuclease 15 homolog (S. cerevisiae)	ENST00000462677	-0,565310589
A_33_P3234020	NM_004884	IGDCC3	immunoglobulin superfamily, DCC subclass, member 3	ENST00000327987	-0,565326666
A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693	-0,565332778
A_33_P3232120	ENST00000371468	NELF	nasal embryonic LHRH factor	ENST00000371468	-0,565366234
A_21_P0007548	TCONS_00020396	XLOC_009725			-0,565372687
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,565504686
A_23_P357860	NM_003262	SEC62	SEC62 homolog (S. cerevisiae)	ENST00000337002	-0,5655683
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,56565894
A_24_P64329	NM_173575	STK32C	serine/threonine kinase 32C	ENST00000368625	-0,565669589
A_24_P234856	NM_001745	CAMLG	calcium modulating ligand	ENST00000297156	-0,565672788
A_23_P255376	NM_017918	CCDC109B	coiled-coil domain containing 109B	ENST00000394650	-0,565705688
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,565729074
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,565878615
A_33_P3570208	NR_036497	LPP-AS2	LPP antisense RNA 2 (non-protein coding)		-0,565950428
A_33_P3399267	NM_172200	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-0,566104707
A_23_P128817	NM_004563	PCK2	phosphoenolpyruvate carboxykinase 2 (mitochondrial)	ENST00000545054	-0,566137078
A_33_P3435493	XR_110483	LOC400768	uncharacterized LOC400768		-0,566154181
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,566157489
A_32_P515431	XR_110830	LOC100132057	phosphodiesterase 4D interacting protein pseudogene		-0,566183754
A_21_P0002225	TCONS_00003709	XLOC_001496			-0,566236527
A_19_P00812308	NR_036444	LOC400550	uncharacterized LOC400550		-0,56624456

A_33_P3268783	NM_133463	AMZ1	archaelysin family metallopeptidase 1	ENST00000312371	-0,566292798
A_33_P3220277	ENST00000398782	RRBP1	ribosome binding protein 1 homolog 180kDa (dog)	ENST00000398782	-0,566325366
A_21_P0013258	THC2565454	XLOC_I2_013532			-0,566343579
A_23_P427180	NM_178828	C9orf79	chromosome 9 open reading frame 79	ENST00000325643	-0,566367439
A_23_P106874	NM_031293	PMFBP1	polyamine modulated factor 1 binding protein 1	ENST00000379073	-0,566372346
A_23_P123071	NM_001233	CAV2	caveolin 2	ENST00000498493	-0,566411561
A_23_P31453	NM_012449	STEAP1	six transmembrane epithelial antigen of the prostate 1	ENST00000297205	-0,56641674
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,566418172
A_33_P3268343	NM_001029891	PGAM4	phosphoglycerate mutase family member 4	ENST00000458128	-0,566419023
A_23_P119886	NM_001486	GCKR	glucokinase (hexokinase 4) regulator	ENST00000264717	-0,566498459
A_23_P151820	NM_024832	RIN3	Ras and Rab interactor 3	ENST00000428147	-0,56659415
A_23_P28878	NM_001039140	C20orf27	chromosome 20 open reading frame 27	ENST00000379772	-0,566655856
A_21_P0007329	ENST00000531363	XLOC_009398		ENST00000531363	-0,566762407
A_33_P3227275	ENST00000369053	TARS2	threonyl-tRNA synthetase 2, mitochondrial (putative)	ENST00000369053	-0,566768937
A_33_P3327921	NM_012249	RHOQ	ras homolog gene family, member Q		-0,56677149
A_33_P3579391	DB361496	SNORA77	small nucleolar RNA, H/ACA box 77		-0,566837741
A_32_P132860	NR_024280	UNQ6494	uncharacterized LOC100129066		-0,566990739
A_23_P254978	NM_032026	TATDN1	TatD DNase domain containing 1	ENST00000523888	-0,566994957
A_24_P945113	NM_000020	ACVRL1	activin A receptor type II-like 1	ENST00000550683	-0,567067104
A_23_P94879	NM_000506	F2	coagulation factor II (thrombin)	ENST00000311907	-0,567120305
A_23_P217621	NM_024885	TAF7L	TAF7-like RNA polymerase II, TATA box binding protein (TBF	ENST00000356784	-0,567237391
A_33_P3352349	NM_001190460	KRTAP9-1	keratin associated protein 9-1	ENST00000377723	-0,56725262
A_23_P48596	NM_198232	RNASE1	ribonuclease, RNase A family, 1 (pancreatic)	ENST00000412779	-0,567337355
A_23_P258340	NM_021130	PPIA	peptidylprolyl isomerase A (cyclophilin A)	ENST00000419275	-0,567379658
A_24_P368735	NM_173664	ARL10	ADP-ribosylation factor-like 10	ENST00000310389	-0,567385974
A_23_P151159	NM_032300	TCHP	trichoplein, keratin filament binding	ENST00000312777	-0,567446053
A_23_P113748	NM_024697	ZNF385D	zinc finger protein 385D	ENST00000494118	-0,567497225
A_21_P0007349	TCONS_00019631	XLOC_009432			-0,56759352
A_24_P67534	NM_001163438	CXorf69	chromosome X open reading frame 69	ENST00000330288	-0,567624069

A_21_P0000901	NR_040100	ENTPD3-AS1	ENTPD3 antisense RNA 1 (non-protein coding)		-0,567815839
A_33_P3308347	NM_007037	ADAMTS8	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000257359	-0,568101348
A_33_P3346083	NM_181807	DCDC1	doublecortin domain containing 1	ENST00000452803	-0,56817319
A_24_P63799	NM_018292	QRSL1	glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1	ENST00000369046	-0,568190861
A_23_P71946	NM_017688	BSPRY	B-box and SPRY domain containing	ENST00000374183	-0,568287915
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,568430691
A_23_P151307	NM_006105	RAPGEF3	Rap guanine nucleotide exchange factor (GEF) 3	ENST00000490387	-0,568439865
A_21_P0014380	XR_109525	LOC100507486	uncharacterized LOC100507486		-0,568467978
A_23_P356139	NM_018121	FAM178A	family with sequence similarity 178, member A	ENST00000238961	-0,568492993
A_23_P101319	NM_152354	ZNF285	zinc finger protein 285	ENST00000544719	-0,568581431
A_23_P306346	NM_152420	C9orf41	chromosome 9 open reading frame 41	ENST00000376834	-0,568648241
A_33_P3379947	NM_005514	HLA-B	major histocompatibility complex, class I, B	ENST00000546599	-0,568669628
A_24_P297078	NM_020531	C20orf3	chromosome 20 open reading frame 3	ENST00000217456	-0,568690862
A_23_P14774	NM_004390	CTSH	cathepsin H	ENST00000533777	-0,56878639
A_23_P120594	NM_032501	ACSS1	acyl-CoA synthetase short-chain family member 1	ENST00000537502	-0,568806119
A_21_P0008672	TCONS_00023504	XLOC_011348			-0,56896269
A_23_P258340	NM_021130	PPIA	peptidylprolyl isomerase A (cyclophilin A)	ENST00000419275	-0,569007831
A_23_P161698	NM_002422	MMP3	matrix metallopeptidase 3 (stromelysin 1, progelatinase)	ENST00000299855	-0,569066975
A_23_P258340	NM_021130	PPIA	peptidylprolyl isomerase A (cyclophilin A)	ENST00000419275	-0,569265837
A_23_P97990	NM_002775	HTRA1	HtrA serine peptidase 1	ENST00000435263	-0,569381285
A_23_P107132	NM_002903	RCVRN	recoverin	ENST00000226193	-0,569385926
A_21_P0001874	ENST00000450944	XLOC_001513		ENST00000450944	-0,569465381
A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187	-0,569579629
A_23_P123596	NM_000170	GLDC	glycine dehydrogenase (decarboxylating)	ENST00000321612	-0,569632097
A_24_P181055	NM_006278	ST3GAL4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4	ENST00000530591	-0,569662052
A_23_P67529	NM_002250	KCNN4	potassium intermediate/small conductance calcium-activated	ENST00000407385	-0,569816765
A_21_P0012131	AK309218	XLOC_I2_008692			-0,569966835
A_33_P3329013	NM_001050	SSTR2	somatostatin receptor 2	ENST00000315332	-0,570139478
A_21_P0006148	TCONS_00015989	XLOC_007368			-0,570158844

A_24_P71661	NM_006371	CRTAP	cartilage associated protein		-0,57017132
A_23_P127186	NM_206862	TACC2	transforming, acidic coiled-coil containing protein 2	ENST00000368997	-0,570240227
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,570404545
A_24_P358054	NR_003268	CTAGE10P	CTAGE family, member 10, pseudogene		-0,570534067
A_33_P3305851	NM_016275	SELT	selenoprotein T	ENST00000471696	-0,570554068
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,570590591
A_23_P341567	NM_178833	SLC9B2	solute carrier family 9, subfamily B (cation proton antiporte	ENST00000339611	-0,57081688
A_33_P3420078	ENST00000367368	LRP11	low density lipoprotein receptor-related protein 11	ENST00000367368	-0,570841907
A_33_P3263538	AF001893	NEAT1	nuclear paraspeckle assembly transcript 1 (non-protein coding)		-0,570935624
A_23_P170352	NM_002949	MRPL12	mitochondrial ribosomal protein L12	ENST00000333676	-0,571150951
A_23_P92543	NM_152540	SCFD2	sec1 family domain containing 2	ENST00000388940	-0,571171705
A_24_P388940	NM_001042493	C6orf162	chromosome 6 open reading frame 162	ENST00000229570	-0,571205676
A_21_P0003552	BC033535	XLOC_004227		ENST00000514297	-0,571246305
A_21_P0010469	BQ706985	LOC100144603	uncharacterized transcript		-0,571321261
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,571329961
A_24_P36299	NM_004491	ARHGAP35	Rho GTPase activating protein 35	ENST00000317082	-0,571470817
A_24_P31235	NM_001970	EIF5A	eukaryotic translation initiation factor 5A	ENST00000355068	-0,571494616
A_33_P3418125	NM_006851	GLIPR1	GLI pathogenesis-related 1	ENST00000266659	-0,571506218
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,571591668
A_23_P68031	NM_003151	STAT4	signal transducer and activator of transcription 4	ENST00000392320	-0,571669393
A_23_P143374	NM_025176	NINL	ninein-like	ENST00000464285	-0,571779137
A_23_P503233	NM_080738	EDARADD	EDAR-associated death domain	ENST00000359362	-0,571872578
A_33_P3347168	NM_005647	TBL1X	transducin (beta)-like 1X-linked	ENST00000407597	-0,57193732
A_33_P3424800	NM_005514	HLA-B	major histocompatibility complex, class I, B	ENST00000481588	-0,57196834
A_23_P104741	NM_032531	KIRREL3	kin of IRRE like 3 (Drosophila)	ENST00000525144	-0,571993404
A_23_P162211	NM_018050	MANSC1	MANSC domain containing 1	ENST00000535902	-0,572106631
A_23_P108492	NM_138395	MARS2	methionyl-tRNA synthetase 2, mitochondrial	ENST00000499940	-0,572580767
A_32_P175739	NM_000189	HK2	hexokinase 2	ENST00000290573	-0,572590662
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENST00000216121	-0,572650025

A_23_P332789	NM_000750	CHRNB4	cholinergic receptor, nicotinic, beta 4	ENST00000412074	-0,572688372
A_33_P3219090	NM_005542	INSIG1	insulin induced gene 1	ENST00000344756	-0,572866737
A_23_P346006	NM_020739	CCPG1	cell cycle progression 1	ENST00000425574	-0,572891828
A_32_P87013	NM_000584	IL8	interleukin 8	ENST00000307407	-0,572994222
A_33_P3215059	NM_145080	NSMCE1	non-SMC element 1 homolog (S. cerevisiae)	ENST00000361439	-0,573013075
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,573019542
A_21_P0004018	ENST00000512650	XLOC_004435		ENST00000512650	-0,573033985
A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125	-0,573052877
A_33_P3355230	NM_002287	LAIR1	leukocyte-associated immunoglobulin-like receptor 1	ENST00000313038	-0,57309071
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,57313739
A_33_P3337599	NM_006904	PRKDC	protein kinase, DNA-activated, catalytic polypeptide	ENST00000518216	-0,573238668
A_23_P370786	NM_175911	OR2L13	olfactory receptor, family 2, subfamily L, member 13	ENST00000366478	-0,573248614
A_23_P145357	NM_001188	BAK1	BCL2-antagonist/killer 1	ENST00000442998	-0,573347731
A_24_P237936	NM_175769	TCF23	transcription factor 23	ENST00000296096	-0,573379231
A_23_P401547	NM_015480	PVRL3	poliovirus receptor-related 3	ENST00000319792	-0,573381139
A_23_P379614	NM_007280	OIP5	Opa interacting protein 5	ENST00000220514	-0,573477784
A_24_P56837	NM_080863	ASB16	ankyrin repeat and SOCS box containing 16	ENST00000293414	-0,573488557
A_21_P0011493	BC160930	XLOC_I2_005606			-0,573532912
A_33_P3440636	AK091759	LOC286071	uncharacterized LOC286071		-0,573626871
A_24_P386746	NM_031491	RBP5	retinol binding protein 5, cellular	ENST00000543045	-0,573638883
A_33_P3387991	NM_001805	CEBPE	CCAAT/enhancer binding protein (C/EBP), epsilon	ENST00000206513	-0,57385763
A_24_P203106	NM_002625	PFKFB1	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1	ENST00000374992	-0,57386374
A_23_P201711	NM_014624	S100A6	S100 calcium binding protein A6	ENST00000462776	-0,573905808
A_24_P941831	NM_001044385	TMEM237	transmembrane protein 237	ENST00000495329	-0,573911511
A_24_P322709	NM_003098	SNTA1	syntrophin, alpha 1 (dystrophin-associated protein A1, 59kD)	ENST00000217381	-0,573959186
A_19_P00320288	NM_018002	OXR1		ENST00000531443	-0,574055827
A_21_P0003901	ENST00000505454	XLOC_004091		ENST00000505454	-0,574182167
A_21_P0002706	ENST00000467198	XLOC_002859		ENST00000467198	-0,574247332
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,574477492

A_23_P127565	NM_178834	LAYN	layilin	ENST00000375615	-0,574604598
A_23_P70213	NM_000038	APC	adenomatous polyposis coli	ENST00000508376	-0,574722724
A_21_P0003276	TCONS_00007086	XLOC_003007			-0,574796463
A_33_P3342663	NM_153202	ADAM33	ADAM metallopeptidase domain 33	ENST00000322570	-0,574806482
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,57486129
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,574890986
A_23_P416434	NM_015288	PHF15	PHD finger protein 15	ENST00000395003	-0,574946187
A_33_P3375368	NM_001195381	GPR35	G protein-coupled receptor 35	ENST00000407714	-0,574998204
A_21_P0012685	ENST00000511213	XLOC_I2_011291		ENST00000511213	-0,575004156
A_21_P0014579	XR_110373	LOC100507175	uncharacterized LOC100507175		-0,575156526
A_21_P0014872	XR_132769	LOC100505923	uncharacterized LOC100505923		-0,575179532
A_23_P101093	NM_016429	COPZ2	coatomer protein complex, subunit zeta 2	ENST00000006101	-0,575212915
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,575330622
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,575365103
A_23_P113553	NM_001011544	MAGEA11	melanoma antigen family A, 11	ENST00000355220	-0,575492601
A_33_P3250068	NM_014748	SNX17	sorting nexin 17	ENST00000427123	-0,575538692
A_23_P47565	NM_005566	LDHA	lactate dehydrogenase A	ENST00000445376	-0,575542981
A_24_P100517	NM_178448	C9orf140	chromosome 9 open reading frame 140	ENST00000409687	-0,575598663
A_23_P147605	NM_001003676	C11orf49	chromosome 11 open reading frame 49	ENST00000278460	-0,575623665
A_23_P164405	NM_033184	KRTAP2-4	keratin associated protein 2-4	ENST00000394015	-0,575641159
A_21_P0006009	ENST00000422554	XLOC_007350		ENST00000422554	-0,575650806
A_23_P115726	NM_194298	SLC16A9	solute carrier family 16, member 9 (monocarboxylic acid tra	ENST00000395348	-0,575714156
A_33_P3286157	NM_003327	TNFRSF4	tumor necrosis factor receptor superfamily, member 4	ENST00000497869	-0,576014052
A_33_P3302586	NM_207370	GPR153	G protein-coupled receptor 153	ENST00000377893	-0,576024336
A_23_P218597	NM_002518	NPAS2	neuronal PAS domain protein 2	ENST00000474550	-0,576097056
A_33_P3260575	NM_016174	CERCAM	cerebral endothelial cell adhesion molecule	ENST00000372842	-0,576098007
A_21_P0011915	TCONS_I2_0001456	XLOC_I2_008013			-0,576229379
A_33_P3328559	NM_198517	TBC1D10C	TBC1 domain family, member 10C	ENST00000312390	-0,576309171
A_23_P255701	NM_031294	LRRC48	leucine rich repeat containing 48	ENST00000411504	-0,576309902

A_19_P00801945	NR_015364	LOC441204	uncharacterized LOC441204		-0,576497867
A_23_P104741	NM_032531	KIRREL3	kin of IRRE like 3 (Drosophila)	ENST00000525144	-0,576504646
A_33_P3299285	NM_001002901	FCRLB	Fc receptor-like B	ENST00000336830	-0,576701223
A_23_P116557	NM_009587	LGALS9	lectin, galactoside-binding, soluble, 9	ENST00000467111	-0,576804451
A_33_P3387856	NM_001100625	CENPN	centromere protein N	ENST00000393335	-0,57680676
A_24_P637982	NM_198446	C1orf122	chromosome 1 open reading frame 122	ENST00000468084	-0,576852228
A_23_P66432	NM_032646	TTYH2	tweety homolog 2 (Drosophila)	ENST00000441391	-0,576900262
A_21_P0013825	NM_001164380	STAU2	staufen, RNA binding protein, homolog 2 (Drosophila)	ENST00000518981	-0,576913114
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,577132301
A_24_P149124	NM_004772	C5orf13	chromosome 5 open reading frame 13	ENST00000446294	-0,577152445
A_32_P452655	NM_001040078	LGALS9C	lectin, galactoside-binding, soluble, 9C	ENST00000423676	-0,577274956
A_23_P399501	NM_182470	PKM2	pyruvate kinase, muscle	ENST00000449901	-0,57730923
A_23_P152791	NM_004694	SLC16A6	solute carrier family 16, member 6 (monocarboxylic acid tra	ENST00000327268	-0,577399386
A_23_P94754	NM_005118	TNFSF15	tumor necrosis factor (ligand) superfamily, member 15	ENST00000374044	-0,577445996
A_21_P0009908	ENST00000431460	XLOC_013787		ENST00000431460	-0,57746719
A_23_P47704	NM_003355	UCP2	uncoupling protein 2 (mitochondrial, proton carrier)	ENST00000310473	-0,577577534
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,577606065
A_23_P20196	NM_005720	ARPC1B	actin related protein 2/3 complex, subunit 1B, 41kDa	ENST00000484375	-0,57764824
A_23_P146444	NM_003389	CORO2A	coronin, actin binding protein, 2A	ENST00000375077	-0,577664619
A_33_P3344399	NM_001199017	LRRC49	leucine rich repeat containing 49	ENST00000436542	-0,577717252
A_21_P0010261	THC2775863	XLOC_013968			-0,577740425
A_23_P60627	NM_001141	ALOX15B	arachidonate 15-lipoxygenase, type B	ENST00000380173	-0,57775494
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,577786423
A_33_P3284933	NM_145659	IL27	interleukin 27	ENST00000356897	-0,577884923
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,577946379
A_24_P45367	NM_020448	NIPAL3	NIPA-like domain containing 3	ENST00000003912	-0,578058006
A_21_P0005568	TCONS_00014163	XLOC_006150			-0,578076645
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,578176878
A_21_P0010151	ENST00000426609	XLOC_013889		ENST00000426609	-0,57818645

A_23_P344568	NM_145019	FAM124A	family with sequence similarity 124A	ENST00000280057	-0,578187507
A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125	-0,578307879
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,578330046
A_23_P428373	NM_172239	REXO1L1	REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 1	ENST00000379010	-0,578407168
A_21_P0013114	AK125910	LPAL2	lipoprotein, Lp(a)-like 2, pseudogene		-0,578502096
A_33_P3247599	NM_001023563	ZNF805	zinc finger protein 805	ENST00000414468	-0,57853618
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,578579739
A_24_P403417	NM_004878	PTGES	prostaglandin E synthase	ENST00000481476	-0,5786955
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,578721686
A_23_P35066	NM_015976	SNX7	sorting nexin 7	ENST00000370189	-0,578752038
A_24_P384029	XR_132490	LOC100130171	hematological and neurological expressed 1 pseudogene		-0,578757867
A_23_P49499	NM_006456	ST6GALNAC2	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-:	ENST00000225276	-0,578798823
A_33_P3422471	XM_003403636	LOC100506255	uncharacterized protein LOC100506255		-0,578851958
A_33_P3411628	NM_000077	CDKN2A	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhib	ENST00000380150	-0,578961693
A_33_P3296372	NM_020365	EIF2B3	eukaryotic translation initiation factor 2B, subunit 3 gamma	ENST00000360403	-0,579016757
A_33_P3259053	NM_001135750	PSMG4	proteasome (prosome, macropain) assembly chaperone 4	ENST00000473000	-0,579034481
A_24_P353794	NM_004481	GALNT2	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000485438	-0,579035977
A_23_P114952	NM_016456	TMEM9	transmembrane protein 9	ENST00000472411	-0,579133074
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129	-0,579281705
A_33_P3328772	NM_001190860	PLEKHA5	pleckstrin homology domain containing, family A member 5	ENST00000540972	-0,579610904
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,579613261
A_21_P0008559	BC104435	LOC145837	uncharacterized LOC145837		-0,579647137
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,579720222
A_33_P3289865	NM_006226	PLCL1	phospholipase C-like 1	ENST00000437704	-0,579776136
A_33_P3396527	NM_006467	POLR3G	polymerase (RNA) III (DNA directed) polypeptide G (32kD)	ENST00000399107	-0,579919829
A_23_P90933	NM_080876	DUSP19	dual specificity phosphatase 19	ENST00000342619	-0,579998446
A_21_P0014356	XR_109436	LOC100507425	uncharacterized LOC100507425		-0,580204473
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,580217539
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,580245835

A_19_P00322264	ENST00000514050	XLOC_I2_011173		ENST00000514050	-0,580315616
A_33_P3389942	NM_017838	NHP2	NHP2 ribonucleoprotein homolog (yeast)	ENST00000274606	-0,580317525
A_19_P00808794	TCONS_I2_0001484	XLOC_I2_008221			-0,580364111
A_21_P0008772	BX116292	XLOC_011565			-0,58038207
A_23_P10305	NM_175859	CTPS2	CTP synthase II	ENST00000380207	-0,580400832
A_23_P4536	NM_012307	EPB41L3	erythrocyte membrane protein band 4.1-like 3	ENST00000542146	-0,580413774
A_23_P62227	NM_025159	CXorf21	chromosome X open reading frame 21	ENST00000378962	-0,580495012
A_24_P309521	NM_000890	KCNJ5	potassium inwardly-rectifying channel, subfamily J, member	ENST00000529694	-0,580630998
A_33_P3230951	NR_024059	MIMT1	MER1 repeat containing imprinted transcript 1 (non-protein coding)		-0,580715204
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,580726675
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,580868819
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,58088534
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000361441	-0,580958815
A_23_P168288	NM_052962	IL22RA2	interleukin 22 receptor, alpha 2	ENST00000296980	-0,580993711
A_23_P419213	NM_020817	KIAA1407	KIAA1407	ENST00000295878	-0,581046272
A_23_P206806	NM_002209	ITGAL	integrin, alpha L (antigen CD11A (p180), lymphocyte function	ENST00000356798	-0,581055014
A_21_P0004454	TCONS_00010521	XLOC_005041			-0,581218512
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,581221102
A_21_P0008943	TCONS_00024412	XLOC_011724			-0,581230403
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,581240972
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,581253368
A_33_P3318746	ENST00000366856	CNIH4	cornichon homolog 4 (Drosophila)	ENST00000366856	-0,58134508
A_21_P0011132	TCONS_I2_0000675	XLOC_I2_003647			-0,581575739
A_23_P138541	NM_003739	AKR1C3	aldo-keto reductase family 1, member C3 (3-alpha hydroxys	ENST00000439082	-0,581611362
A_23_P330262	NM_012398	PIP5K1C	phosphatidylinositol-4-phosphate 5-kinase, type I, gamma	ENST00000335312	-0,5816747
A_24_P228667	NM_003776	MRPL40	mitochondrial ribosomal protein L40	ENST00000443660	-0,581823502
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,581824254
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,58184414
A_33_P3309289	AK021929	ST3GAL4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4		-0,581869917

A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,58192945
A_23_P345118	NM_002648	PIM1	pim-1 oncogene	ENST00000373509	-0,581935523
A_23_P122068	NM_181435	C1QTNF3	C1q and tumor necrosis factor related protein 3	ENST00000513471	-0,581968679
A_33_P3215768	NM_007210	GALNT6	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000356317	-0,581986777
A_23_P111311	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12	ENST00000253332	-0,582039789
A_21_P0012568	NM_030930	UNC93B1	unc-93 homolog B1 (C. elegans)	ENST00000525262	-0,582093532
A_32_P134290	NM_017742	ZCCHC2	zinc finger, CCHC domain containing 2	ENST00000269499	-0,58220587
A_23_P145238	NM_080593	HIST1H2BK	histone cluster 1, H2bk	ENST00000396891	-0,582222913
A_24_P115700	NM_078470	COX15	COX15 homolog, cytochrome c oxidase assembly protein (y	ENST00000370483	-0,58239401
A_21_P0012597	TCONS_I2_0002059	XLOC_I2_010724			-0,582453465
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,582462162
A_21_P0004692	ENST00000417800	XLOC_005480		ENST00000417800	-0,582546889
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,582628637
A_23_P25194	NM_003806	HRK	harakiri, BCL2 interacting protein (contains only BH3 domain)	ENST00000257572	-0,582638478
A_23_P116264	NM_006176	NRGN	neurogranin (protein kinase C substrate, RC3)	ENST00000284292	-0,582645535
A_23_P78871	NM_024076	KCTD15	potassium channel tetramerisation domain containing 15	ENST00000413790	-0,582708927
A_24_P153511	NM_020841	OSBPL8	oxysterol binding protein-like 8	ENST00000446075	-0,582729172
A_33_P3247205	NM_022746	Mar-01	mitochondrial amidoxime reducing component 1	ENST00000366910	-0,582783077
A_24_P133162	NM_178122	C1orf201	chromosome 1 open reading frame 201	ENST00000337248	-0,582815412
A_21_P0001231	ENST00000437416	XLOC_001228		ENST00000437416	-0,582831913
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,582920819
A_23_P124044	NM_021008	DEAF1	deformed epidermal autoregulatory factor 1 (Drosophila)	ENST00000527658	-0,582942776
A_33_P3318122	NM_020314	C16orf62	chromosome 16 open reading frame 62	ENST00000251143	-0,582995745
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,583041169
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,583161342
A_23_P211522	NM_145738	SYNGR1	synaptogyrin 1	ENST00000318801	-0,583271494
A_33_P3363260	NM_173582	PGM2L1	phosphoglucomutase 2-like 1	ENST00000298198	-0,583352574
A_23_P29773	NM_014398	LAMP3	lysosomal-associated membrane protein 3	ENST00000265598	-0,583364912
A_19_P00322904	NM_173463	CCDC149	coiled-coil domain containing 149	ENST00000505471	-0,583574506

A_23_P165090	NM_024407	NDUFS7	NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (†	ENST00000534853	-0,583596611
A_21_P0011951	TCONS_I2_0001479	XLOC_I2_008203			-0,583628649
A_33_P3403429	NM_001129890	LRRC69	leucine rich repeat containing 69	ENST00000520099	-0,583705731
A_23_P250122	NM_020223	FAM20C	family with sequence similarity 20, member C	ENST00000313766	-0,583959346
A_23_P319617	NM_019886	CHST7	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 7	ENST00000276055	-0,583973946
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,584077756
A_24_P343095	NM_000791	DHFR	dihydrofolate reductase	ENST00000513048	-0,584139219
A_33_P3364180	NM_152536	FGD5	FYVE, RhoGEF and PH domain containing 5	ENST00000285046	-0,584261786
A_23_P213718	NM_014402	UQCRCQ	ubiquinol-cytochrome c reductase, complex III subunit VII, 9	ENST00000378665	-0,584338931
A_21_P0014099	XR_108428	LOC100507554	uncharacterized LOC100507554	ENST00000438978	-0,584540959
A_23_P155514	NM_001622	AHSG	alpha-2-HS-glycoprotein	ENST00000541510	-0,584729795
A_23_P90626	NM_004288	CYTIP	cytohesin 1 interacting protein	ENST00000540637	-0,58473627
A_23_P135271	NM_001497	B4GALT1	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide	ENST00000379731	-0,584891721
A_24_P296808	NM_018215	PNMAL1	PNMA-like 1	ENST00000313683	-0,584934166
A_33_P3369760	NM_022343	GLIPR2	GLI pathogenesis-related 2	ENST00000377959	-0,584963189
A_33_P3269723	NM_001042697	ZSWIM7	zinc finger, SWIM-type containing 7	ENST00000399277	-0,584992129
A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693	-0,585023565
A_33_P3655775	AK096384	LOC284630	uncharacterized LOC284630		-0,585150028
A_21_P0014379	XR_109516	LOC100507372	uncharacterized LOC100507372		-0,585164629
A_23_P100141	NM_023076	UNKL	unkempt homolog (Drosophila)-like	ENST00000397464	-0,585304824
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,58535644
A_23_P209731	NM_025139	ARMC9	armadillo repeat containing 9	ENST00000486787	-0,585462145
A_21_P0007770	ENST00000321694	VSIG10	V-set and immunoglobulin domain containing 10	ENST00000321694	-0,585510333
A_21_P0005391	TCONS_00013490	XLOC_006133			-0,585571868
A_21_P0006669	ENST00000434552	XLOC_008447		ENST00000434552	-0,585629932
A_21_P0008045	TCONS_00021747	XLOC_010339			-0,585640855
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,585722122
A_23_P140821	NM_016948	PARD6A	par-6 partitioning defective 6 homolog alpha (C. elegans)	ENST00000219255	-0,585781134
A_23_P253123	NM_016267	VGLL1	vestigial like 1 (Drosophila)	ENST00000430688	-0,585906662

A_33_P3376321	NM_020477	ANK1	ankyrin 1, erythrocytic	ENST00000358820	-0,585935196
A_21_P0014210	XR_108871	LOC100506689	uncharacterized LOC100506689		-0,585946095
A_24_P215765	NM_024490	ATP10A	ATPase, class V, type 10A	ENST00000555815	-0,586305564
A_23_P306987	NM_031439	SOX7	SRY (sex determining region Y)-box 7	ENST00000304501	-0,586401157
A_33_P3424803	M26429	HLA-C	major histocompatibility complex, class I, C		-0,586550741
A_23_P217737	NM_000052	ATP7A	ATPase, Cu ⁺⁺ transporting, alpha polypeptide	ENST00000341514	-0,586555308
A_24_P74064	NM_003409	ZFP161	zinc finger protein 161 homolog (mouse)	ENST00000400143	-0,586557361
A_33_P3290562	NM_000168	GLI3	GLI family zinc finger 3	ENST00000395925	-0,586574832
A_23_P77401	NM_018340	CPPED1	calcineurin-like phosphoesterase domain containing 1	ENST00000433677	-0,586602036
A_23_P62642	NM_012337	CCDC19	coiled-coil domain containing 19	ENST00000475911	-0,586886975
A_33_P3270800	NM_001129885	CPSF4L	cleavage and polyadenylation specific factor 4-like	ENST00000344935	-0,586890979
A_33_P3321034	NM_020911	PLXNA4	plexin A4	ENST00000496550	-0,586896066
A_24_P205589	NM_007274	ACOT7	acyl-CoA thioesterase 7	ENST00000481175	-0,586929657
A_33_P3372451	NM_199184	C6orf108	chromosome 6 open reading frame 108	ENST00000230431	-0,58694362
A_23_P37910	NM_002746	MAPK3	mitogen-activated protein kinase 3	ENST00000395202	-0,586997086
A_24_P208909	NM_015271	TRIM2	tripartite motif containing 2	ENST00000338700	-0,587057277
A_32_P41065	NM_001017395	TMCC1	transmembrane and coiled-coil domain family 1	ENST00000426664	-0,587059338
A_21_P0010634	TCONS_I2_0000139: XLOC_I2_001011				-0,587219115
A_21_P0011017	TCONS_I2_0000518: XLOC_I2_002767				-0,587401737
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,58741672
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,587423339
A_23_P120002	NM_004510	SP110	SP110 nuclear body protein	ENST00000338556	-0,587598692
A_33_P3320062	NM_002662	PLD1	phospholipase D1, phosphatidylcholine-specific	ENST00000340989	-0,587603521
A_23_P325155	NM_138939	CD200R1	CD200 receptor 1	ENST00000440122	-0,587633359
A_32_P118250	NR_023921	C14orf167	chromosome 14 open reading frame 167	ENST00000556379	-0,587715424
A_23_P99661	NM_018071	ARHGEF40	Rho guanine nucleotide exchange factor (GEF) 40	ENST00000553709	-0,587757558
A_23_P69154	NM_001129908	FAM198A	family with sequence similarity 198, member A	ENST00000430121	-0,587776679
A_23_P122796	NM_016063	HDDC2	HD domain containing 2	ENST00000398153	-0,587929399
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,588001596

A_23_P259442	NM_001873	CPE	carboxypeptidase E	ENST00000261510	-0,588065776
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C	ENST00000361441	-0,588215498
A_23_P110253	NM_000222	KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog	ENST00000288135	-0,588267472
A_21_P0008842	TCONS_00024034	XLOC_011397			-0,588286652
A_33_P3249574	NM_004866	SCAMP1	secretory carrier membrane protein 1	ENST00000538629	-0,588541224
A_21_P0014116	ENST00000503006	LOC100507134		ENST00000503006	-0,588572248
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,588657211
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,588774929
A_23_P137765	NM_000437	PAFAH2	platelet-activating factor acetylhydrolase 2, 40kDa	ENST00000374284	-0,588782681
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,588850015
A_33_P3366175	NR_034003	LOC100130298	hCG1816373-like	ENST00000525556	-0,588951285
A_23_P114095	NM_015884	MBTPS2	membrane-bound transcription factor peptidase, site 2	ENST00000379484	-0,589025545
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,58909208
A_23_P73493	NM_004344	CETN2	centrin, EF-hand protein, 2	ENST00000370277	-0,589126657
A_33_P3368188	NM_006640	Sep-09	septin 9	ENST00000397613	-0,589146653
A_23_P321703	NM_004049	BCL2A1	BCL2-related protein A1	ENST00000485386	-0,589213538
A_23_P85180	NM_003492	TMEM187	transmembrane protein 187	ENST00000369982	-0,589233633
A_33_P3414912	NM_001200056	NPL	N-acetylneuraminatase pyruvate lyase (dihydrodipicolinate synthase)	ENST00000258317	-0,589258507
A_21_P0002660	TCONS_00005139	XLOC_002079			-0,589462044
A_33_P3286859	NM_016529	ATP8A2	ATPase, aminophospholipid transporter, class I, type 8A, member 2	ENST00000255283	-0,589463646
A_23_P24104	NM_002658	PLAU	plasminogen activator, urokinase	ENST00000496777	-0,589472789
A_33_P3332150	NM_203454	APOBEC4	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 4 (putative)		-0,589545719
A_19_P00320274	NR_024431	LOC283050	uncharacterized LOC283050		-0,589587176
A_32_P89310	NM_001080475	PLEKHM3	pleckstrin homology domain containing, family M, member 3	ENST00000343987	-0,589723567
A_24_P915806	NM_001024074	HNMT	histamine N-methyltransferase	ENST00000280096	-0,589805141
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,589926929
A_23_P392429	NM_145756	ZNF396	zinc finger protein 396	ENST00000306346	-0,589935407
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,589937284
A_21_P0000662	NR_036537	LOC100131320	uncharacterized LOC100131320	ENST00000412425	-0,589995396

A_23_P369666	ENST00000468376	ZMYND8	zinc finger, MYND-type containing 8	ENST00000468376	-0,590002798
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,590022069
A_21_P0000576	NR_029376	LOC100294362	uncharacterized LOC100294362		-0,590052354
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENST00000216121	-0,590054717
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,590120853
A_23_P110005	NM_032316	NICN1	nicolin 1	ENST00000430622	-0,590188936
A_24_P181672	NM_001009905	B3GNTL1	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase	ENST00000320865	-0,590267928
A_33_P3350207	NM_017885	HCFC1R1	host cell factor C1 regulator 1 (XPO1 dependent)	ENST00000248089	-0,590308241
A_24_P355649	NM_002017	FLI1	Friend leukemia virus integration 1	ENST00000528790	-0,590390503
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,59047072
A_24_P396375	NM_001113347	ECE1	endothelin converting enzyme 1	ENST00000415912	-0,590636932
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,59063788
A_21_P0006368	TCONS_00016676	XLOC_007537			-0,590667548
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,590690046
A_23_P216501	NM_213674	TPM2	tropomyosin 2 (beta)	ENST00000329305	-0,591011407
A_24_P399888	NM_001002876	CENPM	centromere protein M	ENST00000396437	-0,59103728
A_33_P3410724	NM_003001	SDHC	succinate dehydrogenase complex, subunit C, integral mem	ENST00000513700	-0,591108222
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,591216738
A_21_P0010978	AF001893	NEAT1	nuclear paraspeckle assembly transcript 1 (non-protein coding)		-0,591236782
A_21_P0001158	ENST00000435311	XLOC_000930		ENST00000435311	-0,591276851
A_33_P3844650	NM_012098	ANGPTL2	angiopoietin-like 2	ENST00000373417	-0,591328332
A_23_P320862	NM_152786	C9orf43	chromosome 9 open reading frame 43	ENST00000288462	-0,591442526
A_23_P35205	NM_013441	RCAN3	RCAN family member 3	ENST00000374395	-0,591643967
A_21_P0004792	ENST00000417654	XLOC_005881		ENST00000417654	-0,591807739
A_24_P219114	NM_005065	SEL1L	sel-1 suppressor of lin-12-like (C. elegans)	ENST00000336735	-0,591921931
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,592056046
A_32_P119197	NM_001043352	TPM3	tropomyosin 3	ENST00000368533	-0,59214728
A_32_P133840	NM_014858	TMCC2	transmembrane and coiled-coil domain family 2	ENST00000358024	-0,592179714
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,592182639

A_33_P3242503	NM_199451	ZNF365	zinc finger protein 365	ENST00000410046	-0,592189308
A_23_P401084	NM_174945	ZNF575	zinc finger protein 575	ENST00000458714	-0,592295454
A_23_P91487	NM_016940	RWDD2B	RWD domain containing 2B	ENST00000486719	-0,592305009
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,592331061
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,59234746
A_24_P142118	NM_003246	THBS1	thrombospondin 1	ENST00000260356	-0,592421318
A_33_P3256738	NM_032818	C9orf100	chromosome 9 open reading frame 100	ENST00000468876	-0,592658803
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,592756577
A_21_P0010542	ENST00000451023	XLOC_I2_000342		ENST00000451023	-0,592827037
A_33_P3323842	NR_002832	BDNF-AS1	BDNF antisense RNA 1 (non-protein coding)		-0,592927588
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,592972729
A_23_P130856	NM_032816	CEP89	centrosomal protein 89kDa	ENST00000305768	-0,592998512
A_23_P118025	NM_022355	DPEP2	dipeptidase 2	ENST00000412757	-0,593086491
A_33_P3318509	NM_014358	CLEC4E	C-type lectin domain family 4, member E	ENST00000299663	-0,593240662
A_21_P0013122	BC039678	XLOC_I2_012378			-0,593287315
A_24_P595717	NM_199280	FAM179A	family with sequence similarity 179, member A	ENST00000475900	-0,593294824
A_24_P295590	NM_032023	RASSF4	Ras association (RalGDS/AF-6) domain family member 4	ENST00000489171	-0,593307512
A_24_P296508	NM_152346	SLC43A2	solute carrier family 43, member 2	ENST00000382147	-0,593349368
A_24_P370172	NM_181879	LILRA5	leukocyte immunoglobulin-like receptor, subfamily A (with	ENST00000432233	-0,593398378
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000351004	-0,593418284
A_23_P83028	NM_021111	RECK	reversion-inducing-cysteine-rich protein with kazal motifs	ENST00000377966	-0,593421826
A_21_P0011496	NM_001025195	CES1	carboxylesterase 1	ENST00000360526	-0,593452875
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,593475399
A_23_P132277	NM_006739	MCM5	minichromosome maintenance complex component 5	ENST00000455261	-0,593729869
A_21_P0003821	TCONS_00008716	XLOC_004229			-0,593843906
A_33_P3326617	NM_001018104	FAHD1	fumarylacetoacetate hydrolase domain containing 1	ENST00000382666	-0,593915437
A_23_P407206	NM_018941	CLN8	ceroid-lipofuscinosis, neuronal 8 (epilepsy, progressive with	ENST00000331222	-0,593923187
A_24_P237270	NM_000675	ADORA2A	adenosine A2a receptor	ENST00000417596	-0,594087414
A_23_P61551	NM_006110	CD2BP2	CD2 (cytoplasmic tail) binding protein 2	ENST00000305596	-0,594129172

A_19_P00319537	NR_027105	LOC285419	uncharacterized LOC285419		-0,594131996
A_21_P0001798	ENST00000456248	XLOC_002449		ENST00000456248	-0,594314109
A_21_P0011821	NM_207328	GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	ENST00000471661	-0,59433372
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,594451617
A_32_P144342	NM_006437	PARP4	poly (ADP-ribose) polymerase family, member 4	ENST00000381989	-0,594475325
A_23_P19369	NM_017640	LRRRC16A	leucine rich repeat containing 16A	ENST00000399313	-0,594562269
A_23_P64828	NM_002534	OAS1	2'-5'-oligoadenylate synthetase 1, 40/46kDa	ENST00000377508	-0,594565639
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,594591654
A_24_P135748	NM_024719	GRTP1	growth hormone regulated TBC protein 1	ENST00000375430	-0,594613539
A_33_P3250887	NM_001123225	SYCE3	synaptonemal complex central element protein 3	ENST00000402753	-0,594675281
A_24_P98613	NM_030927	TSPAN14	tetraspanin 14	ENST00000265450	-0,594680863
A_33_P3263867	NM_002562	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7	ENST00000328963	-0,594778684
A_33_P3679936	XR_109153	LOC283483	uncharacterized LOC283483		-0,594781924
A_21_P0001023	AK023394	XLOC_000441		ENST00000437833	-0,594801519
A_23_P206901	NM_017668	NDE1	nudE nuclear distribution gene E homolog 1 (A. nidulans)	ENST00000396355	-0,594830042
A_24_P928052	NM_003873	NRP1	neuropilin 1	ENST00000374867	-0,594930814
A_21_P0006679	ENST00000425541	XLOC_008475		ENST00000425541	-0,594987776
A_33_P3227345	NM_054014	FKBP1A	FK506 binding protein 1A, 12kDa	ENST00000356170	-0,595028334
A_21_P0005418	TCONS_00013565	XLOC_006210			-0,595048908
A_24_P333421	NM_001099220	ZNF862	zinc finger protein 862	ENST00000223210	-0,595157251
A_23_P16469	NM_001005377	PLAUR	plasminogen activator, urokinase receptor	ENST00000221264	-0,595379415
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,595456442
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,595484345
A_23_P388190	NM_033081	DIDO1	death inducer-obliterator 1	ENST00000461792	-0,59562475
A_33_P3356731	NM_015332	NUDCD3	NudC domain containing 3	ENST00000355451	-0,595737203
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,59581371
A_32_P91902	NM_030927	TSPAN14	tetraspanin 14	ENST00000429989	-0,595843116
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,595853913
A_23_P24104	NM_002658	PLAU	plasminogen activator, urokinase	ENST00000496777	-0,595857034

A_24_P116017	NM_002813	PSMD9	proteasome (prosome, macropain) 26S subunit, non-ATPase	ENST00000541212	-0,595874943
A_21_P0012984	ENST00000508945	XLOC_I2_012023		ENST00000508945	-0,595910591
A_23_P39454	NM_024967	ZNF556	zinc finger protein 556	ENST00000307635	-0,595952839
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,595962566
A_33_P3215193	NM_022787	NMNAT1	nicotinamide nucleotide adenyltransferase 1	ENST00000403197	-0,59597666
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,596058703
A_33_P3226167	NM_022833	FAM129B	family with sequence similarity 129, member B	ENST00000373312	-0,596178402
A_23_P308722	NM_145038	CCDC164	coiled-coil domain containing 164	ENST00000288710	-0,596258753
A_33_P3356092	NM_052893	BTBD9	BTB (POZ) domain containing 9	ENST00000403056	-0,596300577
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,596346307
A_24_P276628	NM_000310	PPT1	palmitoyl-protein thioesterase 1	ENST00000527107	-0,596394756
A_23_P42353	NM_016135	ETV7	ets variant 7	ENST00000339796	-0,596424388
A_24_P336584	NM_182664	RASSF5	Ras association (RalGDS/AF-6) domain family member 5	ENST00000367118	-0,59649821
A_24_P102650	NM_002458	MUC5B	mucin 5B, oligomeric mucus/gel-forming	ENST00000349637	-0,596523215
A_23_P85783	NM_006623	PHGDH	phosphoglycerate dehydrogenase	ENST00000369407	-0,596563933
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,596628406
A_23_P163481	NM_001211	BUB1B	budding uninhibited by benzimidazoles 1 homolog beta (ye:)	ENST00000412359	-0,596660479
A_21_P0013272	TCONS_I2_0002623	XLOC_I2_013621			-0,596841372
A_24_P923251	NM_198951	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyl transglutaminase)	ENST00000468262	-0,596931407
A_24_P84340	NM_198828	MAST4	microtubule associated serine/threonine kinase family member 4	ENST00000478569	-0,596933332
A_23_P68240	NM_207328	GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	ENST00000377137	-0,596973354
A_23_P30050	NM_006345	SLC30A9	solute carrier family 30 (zinc transporter), member 9	ENST00000264451	-0,597099187
A_24_P916496	NM_002737	PRKCA	protein kinase C, alpha		-0,597140304
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca++ transporting, plasma membrane 4	ENST00000341360	-0,597166549
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,597306276
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,597334283
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129	-0,597338594
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,597473021
A_32_P211045	NM_000791	DHFR	dihydrofolate reductase	ENST00000439211	-0,597627454

A_24_P48587	NM_172341	PSENE1	presenilin enhancer 2 homolog (C. elegans)	ENST00000222266	-0,597634595
A_33_P3262575	NM_018842	BAIAP2L1	BAI1-associated protein 2-like 1	ENST00000005260	-0,597636365
A_23_P132248	NM_019103	ZMAT5	zinc finger, matrin-type 5	ENST00000397781	-0,597703804
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,597784369
A_23_P213000	NM_017491	WDR1	WD repeat domain 1	ENST00000382452	-0,59782974
A_23_P167227	NM_005327	HADH	hydroxyacyl-CoA dehydrogenase	ENST00000505878	-0,597858125
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,598031509
A_23_P24104	NM_002658	PLAU	plasminogen activator, urokinase	ENST00000496777	-0,598123126
A_33_P3420224	NM_001033113	ENTPD8	ectonucleoside triphosphate diphosphohydrolase 8	ENST00000461823	-0,598274768
A_23_P201264	NM_022787	NMNAT1	nicotinamide nucleotide adenyltransferase 1	ENST00000377205	-0,598319093
A_33_P3219591	NM_020954	RNF213	ring finger protein 213	ENST00000319921	-0,598337054
A_23_P202860	NM_024514	CYP2R1	cytochrome P450, family 2, subfamily R, polypeptide 1	ENST00000334636	-0,598420508
A_23_P342108	NM_152612	CCDC116	coiled-coil domain containing 116	ENST00000292779	-0,598472021
A_21_P0005359	NR_038393	LOC100506178	uncharacterized LOC100506178		-0,598515701
A_23_P97853	NM_025125	C10orf57	chromosome 10 open reading frame 57	ENST00000372273	-0,598613352
A_21_P0003757	CR740121	XLOC_004049			-0,598646529
A_23_P157136	NM_033128	SCIN	scinderin	ENST00000341757	-0,598663655
A_23_P106405	NM_002487	NDN	necdin homolog (mouse)	ENST00000331837	-0,598769212
A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125	-0,598800791
A_23_P24104	NM_002658	PLAU	plasminogen activator, urokinase	ENST00000496777	-0,598810698
A_23_P82249	NM_007188	ABCB8	ATP-binding cassette, sub-family B (MDR/TAP), member 8	ENST00000482309	-0,598957838
A_33_P3421728	NM_001346	DGKG	diacylglycerol kinase, gamma 90kDa	ENST00000265022	-0,599037886
A_24_P102821	NM_000952	PTAFR	platelet-activating factor receptor	ENST00000305392	-0,599288086
A_33_P3372332	NM_000101	CYBA	cytochrome b-245, alpha polypeptide	ENST00000261623	-0,599350161
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,599374037
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,599633378
A_23_P64044	NM_178443	FERMT3	fermitin family member 3	ENST00000540554	-0,599772846
A_33_P3240538	NM_016262	TUBE1	tubulin, epsilon 1	ENST00000368662	-0,599844996
A_21_P0001688	TCONS_00002073	XLOC_000264			-0,599870065

A_21_P0006566	THC2649084	XLOC_008033				-0,599935153
A_21_P0005225	ENST00000415356	XLOC_006049			ENST00000415356	-0,600042961
A_24_P389916	NM_005512	LRRC32	leucine rich repeat containing 32		ENST00000404995	-0,600218765
A_33_P3399433	NM_001039140	C20orf27	chromosome 20 open reading frame 27		ENST00000379765	-0,600404697
A_23_P202837	NM_053056	CCND1	cyclin D1		ENST00000227507	-0,600526608
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5		ENST00000343801	-0,600550875
A_33_P3239527	AK126772	LOC100128517	uncharacterized LOC100128517			-0,600687286
A_19_P00803151	ENST00000436710	LOC100506119			ENST00000436710	-0,600926743
A_23_P141208	NM_015510	DHRS7B	dehydrogenase/reductase (SDR family) member 7B		ENST00000346603	-0,600953946
A_23_P211850	NM_020676	ABHD6	abhydrolase domain containing 6		ENST00000478253	-0,601002198
A_19_P00321878	NR_037177	LOC100294145	uncharacterized LOC100294145			-0,601095767
A_23_P68106	NM_021103	TMSB10	thymosin beta 10		ENST00000233143	-0,601104605
A_21_P0004213	TCONS_00009852	XLOC_004266				-0,601162872
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide		ENST00000402802	-0,60121555
A_23_P338952	NM_022753	S100BPB	S100P binding protein		ENST00000373475	-0,601237574
A_23_P394064	NM_012232	PTRF	polymerase I and transcript release factor		ENST00000357037	-0,601250055
A_23_P10647	NM_018659	CYTL1	cytokine-like 1		ENST00000307746	-0,601306984
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13		ENST00000414259	-0,601417757
A_23_P256835	NM_016030	TTC15	tetratricopeptide repeat domain 15		ENST00000437733	-0,601478835
A_23_P24104	NM_002658	PLAU	plasminogen activator, urokinase		ENST00000496777	-0,601656394
A_23_P211401	NM_001039570	KREMEN1	kringle containing transmembrane protein 1		ENST00000407188	-0,601851059
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5		ENST00000343801	-0,602073315
A_24_P44462	NM_000366	TPM1	tropomyosin 1 (alpha)		ENST00000317516	-0,602073365
A_23_P214897	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12		ENST00000490177	-0,602102143
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend		ENST00000394053	-0,602189276
A_32_P5276	NM_001251962	ARHGEF26	Rho guanine nucleotide exchange factor (GEF) 26		ENST00000465817	-0,602259009
A_24_P344516	NR_003578	ZNF702P	zinc finger protein 702, pseudogene		ENST00000270443	-0,602283561
A_24_P102293	NM_015567	SLITRK5	SLIT and NTRK-like family, member 5		ENST00000325089	-0,602321928
A_23_P503010	NM_153646	SLC24A4	solute carrier family 24 (sodium/potassium/calcium exchan		ENST00000532405	-0,602331721

A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,602398357
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000361441	-0,602443103
A_32_P44568	NM_005566	LDHA	lactate dehydrogenase A	ENST00000543695	-0,602528833
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,602538812
A_33_P3361741	NM_013238	DNAJC15	DnaJ (Hsp40) homolog, subfamily C, member 15		-0,602584098
A_33_P3365810	NM_002949	MRPL12	mitochondrial ribosomal protein L12	ENST00000332396	-0,602636194
A_32_P95914	NM_198468	MMS22L	MMS22-like, DNA repair protein	ENST00000275053	-0,60263833
A_24_P149036	NM_001387	DPYSL3	dihydropyrimidinase-like 3	ENST00000398514	-0,602661846
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,602755706
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,603173515
A_24_P19544	NM_013233	STK39	serine threonine kinase 39	ENST00000355999	-0,603347502
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,603430987
A_33_P3392580	NM_013411	AK2	adenylate kinase 2	ENST00000373449	-0,60350683
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,603603636
A_23_P152782	NM_005533	IFI35	interferon-induced protein 35	ENST00000538473	-0,603611686
A_33_P3287068	BC027486	LOC728437	hCG2020170		-0,603644296
A_23_P113613	NM_022842	CDCP1	CUB domain containing protein 1	ENST00000296129	-0,60365236
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,603814533
A_23_P113553	NM_001011544	MAGEA11	melanoma antigen family A, 11	ENST00000355220	-0,603984487
A_24_P497186	NM_182972	IRF2BP2	interferon regulatory factor 2 binding protein 2	ENST00000366609	-0,604087594
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,604100481
A_33_P3233565	NM_000375	UROS	uroporphyrinogen III synthase	ENST00000420761	-0,604151759
A_21_P0006100	THC2666038	XLOC_007820			-0,60415746
A_23_P94533	NM_001912	CTSL1	cathepsin L1	ENST00000375894	-0,604196998
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,604259663
A_21_P0011709	TCONS_I2_0001268	XLOC_I2_006812			-0,604325375
A_23_P207445	NM_002758	MAP2K6	mitogen-activated protein kinase kinase 6	ENST00000359094	-0,60452103
A_23_P58521	NM_000082	ERCC8	excision repair cross-complementing rodent repair deficiency	ENST00000536596	-0,604565438
A_23_P107994	NM_017854	TMEM160	transmembrane protein 160	ENST00000253047	-0,604581796

A_33_P3399318	NM_018841	GNG12	guanine nucleotide binding protein (G protein), gamma 12	ENST00000370982	-0,60464202
A_23_P150852	NM_015292	ESYT1	extended synaptotagmin-like protein 1	ENST00000541590	-0,604725325
A_24_P45620	NM_021995	UTS2	urotensin 2	ENST00000054668	-0,604975767
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,605145495
A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187	-0,605259456
A_32_P45738	NM_002629	PGAM1	phosphoglycerate mutase 1 (brain)	ENST00000425387	-0,60535879
A_21_P0000194	NM_014863	CHST15	carbohydrate (N-acetylgalactosamine 4-sulfate 6-O) sulfotransferase 15		-0,605373568
A_23_P140876	NM_001089	ABCA3	ATP-binding cassette, sub-family A (ABC1), member 3	ENST00000382381	-0,605388974
A_23_P88731	NM_002875	RAD51	RAD51 homolog (S. cerevisiae)	ENST00000525066	-0,60548913
A_33_P3214422	ENST00000483551	ANP32A	acidic (leucine-rich) nuclear phosphoprotein 32 family, member 1	ENST00000483551	-0,605595238
A_32_P137966	NM_152317	DEPDC4	DEP domain containing 4	ENST00000549341	-0,605607028
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,605636442
A_33_P3374478	ENST00000429162	CASC4	cancer susceptibility candidate 4	ENST00000429162	-0,605668943
A_23_P19322	NM_018322	C6orf64	chromosome 6 open reading frame 64	ENST00000229903	-0,605828383
A_33_P3237977	NM_197958	LARP6	La ribonucleoprotein domain family, member 6	ENST00000344870	-0,605848723
A_21_P0010671	NR_038845	LOC643723	uncharacterized LOC643723		-0,605915407
A_23_P370625	NM_020451	SEPN1	selenoprotein N, 1	ENST00000374315	-0,605929814
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,606055811
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent)	ENST00000394053	-0,606092523
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,606110714
A_33_P3258452	NM_020375	C12orf5	chromosome 12 open reading frame 5		-0,606126073
A_33_P3393170	NM_004055	CAPN5	calpain 5	ENST00000360841	-0,606249876
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent)	ENST00000394053	-0,606319839
A_23_P100386	NM_152456	IL34	interleukin 34	ENST00000429149	-0,606525748
A_24_P344711	NM_020132	AGPAT3	1-acylglycerol-3-phosphate O-acyltransferase 3	ENST00000398058	-0,606550866
A_21_P0001111	ENST00000440492	XLOC_000755		ENST00000440492	-0,606726147
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,606741672
A_21_P0014659	XR_110932	LOC100506678	uncharacterized LOC100506678		-0,606873413
A_33_P3661329	NR_027088	LOC284661	uncharacterized LOC284661	ENST00000423197	-0,606877172

A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,606963883
A_24_P175563	NM_145698	ACBD5	acyl-CoA binding domain containing 5	ENST00000396271	-0,6070086
A_19_P00319917	NR_038956	LOC100506714	uncharacterized LOC100506714		-0,607037428
A_21_P0000124	NM_001195216	DENND1B	DENN/MADD domain containing 1B	ENST00000468589	-0,60703779
A_19_P00321220	NR_038303	LOC100505702	uncharacterized LOC100505702		-0,607053115
A_21_P0007473	TCONS_00020154	XLOC_009604			-0,607063545
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,607106136
A_23_P24104	NM_002658	PLAU	plasminogen activator, urokinase	ENST00000496777	-0,607110587
A_21_P0007028	TCONS_00018624	XLOC_008978			-0,607135504
A_33_P3867534	NM_182751	MCM10	minichromosome maintenance complex component 10	ENST00000361282	-0,60723321
A_23_P77593	NM_018052	VAC14	Vac14 homolog (<i>S. cerevisiae</i>)	ENST00000536184	-0,607235316
A_21_P0014154	XR_108621	LOC100507367	uncharacterized LOC100507367		-0,607458304
A_19_P00328996	AK057050	XLOC_I2_015037			-0,607513776
A_33_P3229918	NM_001243168	PTCRA	pre T-cell antigen receptor alpha	ENST00000304672	-0,607532607
A_33_P3252191	ENST00000394874	PRKCE	protein kinase C, epsilon	ENST00000394874	-0,607581726
A_33_P3290577	NM_032597	MS4A14	membrane-spanning 4-domains, subfamily A, member 14	ENST00000395001	-0,607599836
A_21_P0006136	TCONS_00015943	XLOC_007314			-0,607702581
A_23_P24104	NM_002658	PLAU	plasminogen activator, urokinase	ENST00000496777	-0,607811241
A_33_P3220570	NM_024954	UBTD1	ubiquitin domain containing 1	ENST00000370664	-0,607823453
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,607845236
A_33_P3321025	NM_020911	PLXNA4	plexin A4	ENST00000359827	-0,607938052
A_21_P0012084	CF126671	LOC572558	uncharacterized LOC572558		-0,60807818
A_24_P810290	NM_001030059	PPAPDC1A	phosphatidic acid phosphatase type 2 domain containing 1A	ENST00000369073	-0,608079809
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,608197414
A_23_P361405	NM_003549	HYAL3	hyaluronoglucosaminidase 3	ENST00000336307	-0,60828742
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,608297563
A_23_P3302	NM_018365	MNS1	meiosis-specific nuclear structural 1	ENST00000260453	-0,608298324
A_24_P190168	NM_014573	TMEM97	transmembrane protein 97	ENST00000336687	-0,608345114
A_21_P0004777	BC034632	XLOC_005844		ENST00000447848	-0,608405619

A_23_P415791	NM_020721	KIAA1210	KIAA1210	ENST00000402510	-0,608488827
A_23_P146908	NM_004853	STX8	syntaxin 8	ENST00000306357	-0,608491359
A_33_P3735158	AK093004	LOC286272	uncharacterized LOC286272		-0,608653127
A_21_P0010697	NR_023918	LINC00339	long intergenic non-protein coding RNA 339		-0,608738263
A_33_P3386765	NM_015407	ABHD14A	abhydrolase domain containing 14A	ENST00000273596	-0,608742135
A_23_P16384	NM_139176	NLRP7	NLR family, pyrin domain containing 7	ENST00000446217	-0,608748062
A_23_P399001	NM_016463	CXXC5	CXXC finger protein 5	ENST00000515038	-0,608772208
A_23_P408285	NM_153026	PRICKLE1	prickle homolog 1 (Drosophila)	ENST00000552240	-0,608896331
A_33_P3226755	AK125630	FLNA	filamin A, alpha		-0,608938491
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,608948427
A_23_P29769	NM_015472	WWTR1	WW domain containing transcription regulator 1	ENST00000494754	-0,608979941
A_23_P32135	NM_018956	C9orf9	chromosome 9 open reading frame 9	ENST00000350499	-0,609026893
A_21_P0011027	ENST00000439483	XLOC_l2_002477		ENST00000439483	-0,609329851
A_23_P40096	NM_000312	PROC	protein C (inactivator of coagulation factors Va and VIIIa)	ENST00000453608	-0,609354559
A_32_P141768	NM_020133	AGPAT4	1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosph	ENST00000320285	-0,60938259
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,609449692
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,609457337
A_23_P10385	NM_016448	DTL	denticleless homolog (Drosophila)	ENST00000475419	-0,609507486
A_23_P113748	NM_024697	ZNF385D	zinc finger protein 385D	ENST00000494118	-0,609540174
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,609552316
A_32_P130630	NM_004731	SLC16A7	solute carrier family 16, member 7 (monocarboxylic acid tra	ENST00000261187	-0,609579185
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,609599658
A_21_P0009053	TCONS_00024718	XLOC_011999			-0,609616717
A_33_P3403075	NM_018304	PRR11	proline rich 11	ENST00000262293	-0,609908764
A_19_P00319698	XR_109474	LOC100506821	uncharacterized LOC100506821		-0,609920284
A_23_P207632	NM_174953	ATP2A3	ATPase, Ca ⁺⁺ transporting, ubiquitous	ENST00000359983	-0,609921281
A_33_P3263232	NM_030891	LRRC3	leucine rich repeat containing 3	ENST00000291592	-0,61000985
A_21_P0006227	TCONS_00016159	XLOC_007570			-0,610300596
A_24_P413884	NM_001809	CENPA	centromere protein A	ENST00000233505	-0,61045613

A_23_P420293	NM_145013	C11orf45	chromosome 11 open reading frame 45	ENST00000310799	-0,610460879
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,610493671
A_24_P230938	BC022054	MORN4	MORN repeat containing 4	ENST00000370635	-0,610584243
A_33_P3236661	BC150296	PCDH9	protocadherin 9		-0,610612829
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,610691595
A_23_P350574	NM_001002901	FCRLB	Fc receptor-like B	ENST00000495397	-0,610715385
A_21_P0009341	NR_030732	LOC645638	WDNM1-like pseudogene		-0,610741074
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (<i>C. elegans</i>)	ENST00000216121	-0,61093319
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,610943599
A_21_P0002189	TCONS_00003617	XLOC_001406			-0,611102468
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,611163848
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,611177631
A_24_P378987	NM_145177	DHRSX	dehydrogenase/reductase (SDR family) X-linked	ENST00000334651	-0,611281119
A_23_P29282	NM_014293	NPTXR	neuronal pentraxin receptor	ENST00000333039	-0,611403622
A_21_P0002531	TCONS_00004544	XLOC_002452			-0,611644853
A_33_P3416946	NM_018477	ACTR10	actin-related protein 10 homolog (<i>S. cerevisiae</i>)		-0,61172272
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,61178868
A_23_P138881	NM_001104	ACTN3	actinin, alpha 3	ENST00000502692	-0,611818643
A_33_P3354569	NM_001083112	GPD2	glycerol-3-phosphate dehydrogenase 2 (mitochondrial)		-0,611881365
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,611920556
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,611923968
A_33_P3340990	NM_001012398	AKTIP	AKT interacting protein	ENST00000300245	-0,611944384
A_23_P24104	NM_002658	PLAU	plasminogen activator, urokinase	ENST00000496777	-0,612063926
A_33_P3303121	NM_002886	RAP2B	RAP2B, member of RAS oncogene family	ENST00000323534	-0,612153037
A_21_P0003325	ENST00000514265	XLOC_004072		ENST00000514265	-0,612521056
A_23_P98565	NM_032597	MS4A14	membrane-spanning 4-domains, subfamily A, member 14	ENST00000525397	-0,612542263
A_23_P334173	NM_002349	LY75	lymphocyte antigen 75	ENST00000263636	-0,612643297
A_23_P411296	NM_005194	CEBPB	CCAAT/enhancer binding protein (C/EBP), beta	ENST00000303004	-0,612687358
A_21_P0013498	TCONS_I2_0002789	XLOC_I2_014289			-0,612746287

A_21_P0012143	ENST00000437920	XLOC_I2_008888		ENST00000437920	-0,612848772
A_24_P252996	NM_000804	FOLR3	folate receptor 3 (gamma)	ENST00000542161	-0,612952351
A_23_P33613	NM_024096	DCTPP1	dCTP pyrophosphatase 1	ENST00000319285	-0,612962868
A_23_P434398	NM_153235	TXLNB	taxilin beta	ENST00000358430	-0,61303019
A_33_P3253807	NM_001806	CEBPG	CCAAT/enhancer binding protein (C/EBP), gamma	ENST00000284000	-0,613459011
A_33_P3407835	NM_144641	PPM1M	protein phosphatase, Mg2+/Mn2+ dependent, 1M	ENST00000296487	-0,613560492
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,61359908
A_23_P141126	NM_000154	GALK1	galactokinase 1	ENST00000437911	-0,613788684
A_24_P383609	NM_199461	NANOS1	nanos homolog 1 (Drosophila)	ENST00000340087	-0,613801583
A_33_P3352467	NM_001050	SSTR2	somatostatin receptor 2	ENST00000357585	-0,61381217
A_23_P13094	NM_002425	MMP10	matrix metalloproteinase 10 (stromelysin 2)	ENST00000279441	-0,613904094
A_33_P3403942	NM_080721	C20orf123	chromosome 20 open reading frame 123	ENST00000279028	-0,614083508
A_21_P0010614	TCONS_I2_0000123;XLOC_I2_000910				-0,614135624
A_21_P0010914	ENST00000420049	XLOC_I2_001462		ENST00000420049	-0,614291451
A_33_P3279470	NM_001138	AGRP	agouti related protein homolog (mouse)	ENST00000290953	-0,614305354
A_21_P0000437	NR_003294	SNORD115-2	small nucleolar RNA, C/D box 115-2		-0,614353965
A_32_P175715	NM_001080836	MEIG1	meiosis expressed gene 1 homolog (mouse)	ENST00000378240	-0,61441775
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,614573536
A_32_P29784	NM_001043352	TPM3	tropomyosin 3	ENST00000330188	-0,614591426
A_33_P3246283	AK128439	VAC14	Vac14 homolog (S. cerevisiae)		-0,614603462
A_33_P3382303	NM_005892	FMNL1	formin-like 1	ENST00000328118	-0,614716563
A_24_P335620	NM_003486	SLC7A5	solute carrier family 7 (amino acid transporter light chain, L	ENST00000261622	-0,6149719
A_23_P79622	NM_181342	FKBP7	FK506 binding protein 7	ENST00000434643	-0,61519217
A_23_P334218	NM_145647	WDR67	WD repeat domain 67	ENST00000287380	-0,615193365
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,615204973
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,615255301
A_33_P3225843	NM_173463	CCDC149	coiled-coil domain containing 149	ENST00000382116	-0,615267476
A_23_P11256	NM_138703	MAGEE2	melanoma antigen family E, 2	ENST00000373359	-0,615447
A_33_P3223488	NM_023037	FRY	furry homolog (Drosophila)	ENST00000436046	-0,615453129

A_24_P104119	NM_019034	RHOF	ras homolog gene family, member F (in filopodia)	ENST00000267205	-0,615503588
A_21_P0001059	ENST00000423842	XLOC_000554		ENST00000423842	-0,615543741
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,615606982
A_19_P00810227	TCONS_00022559	XLOC_010879			-0,615626431
A_23_P60499	NM_021224	ZNF462	zinc finger protein 462	ENST00000457913	-0,615679459
A_21_P0014629	ENST00000400710	FLJ44838		ENST00000400710	-0,615767093
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,615842772
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependant)	ENST00000394053	-0,616025822
A_33_P3272390	NM_006267	RANBP2	RAN binding protein 2	ENST00000283195	-0,61605527
A_23_P22119	NM_201380	PLEC	plectin	ENST00000322810	-0,616214105
A_33_P3306823	NM_001077624	ZNF846	zinc finger protein 846	ENST00000397902	-0,616278145
A_23_P300150	NM_172387	NFATC1	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent	ENST00000318065	-0,616306563
A_23_P70785	NM_001624	AIM1	absent in melanoma 1	ENST00000369066	-0,616450051
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,616499039
A_23_P395172	NM_007011	ABHD2	abhydrolase domain containing 2	ENST00000352732	-0,616533346
A_24_P408424	NM_002473	MYH9	myosin, heavy chain 9, non-muscle	ENST00000216181	-0,616553616
A_23_P112004	NM_012472	LRRC6	leucine rich repeat containing 6	ENST00000395414	-0,616624732
A_24_P394698	NM_181747	ORC5	origin recognition complex, subunit 5	ENST00000422497	-0,616683774
A_33_P3359268	NM_006339	HMG20B	high mobility group 20B	ENST00000402569	-0,616765403
A_24_P112087	NM_014034	ASF1A	ASF1 anti-silencing function 1 homolog A (<i>S. cerevisiae</i>)	ENST00000229595	-0,616778068
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,616810284
A_24_P472455	NM_001663	ARF6	ADP-ribosylation factor 6		-0,61708794
A_24_P189997	NM_138322	PCSK6	proprotein convertase subtilisin/kexin type 6	ENST00000331826	-0,617176441
A_24_P189533	NM_015036	ENDOD1	endonuclease domain containing 1	ENST00000278505	-0,617238635
A_32_P171061	NM_005170	ASCL2	achaete-scute complex homolog 2 (<i>Drosophila</i>)	ENST00000331289	-0,617390372
A_23_P134714	NM_005836	HRSP12	heat-responsive protein 12	ENST00000522791	-0,617438297
A_23_P100141	NM_023076	UNKL	unkempt homolog (<i>Drosophila</i>)-like	ENST00000397464	-0,617481916
A_24_P166397	NM_014809	KIAA0319	KIAA0319	ENST00000378214	-0,61756738
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,617657373

A_23_P25935	NM_007176	C14orf1	chromosome 14 open reading frame 1	ENST00000256319	-0,617786992
A_24_P98555	NM_207009	FAM45A	family with sequence similarity 45, member A	ENST00000448258	-0,617790479
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,617815738
A_23_P336565	NM_001145268	FAM185A	family with sequence similarity 185, member A	ENST00000413034	-0,617949366
A_24_P245838	NM_002409	MGAT3	mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosa	ENST00000341184	-0,617959866
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,618037349
A_33_P3289121	NM_032411	C2orf40	chromosome 2 open reading frame 40	ENST00000479337	-0,618204922
A_24_P512054	NM_024045	DDX50	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50	ENST00000494889	-0,61827634
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,618323271
A_33_P3316456	NM_001200050	NPL	N-acetylneuraminase pyruvate lyase (dihydrodipicolinate sy	ENST00000258317	-0,618354411
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,61840035
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,618515343
A_23_P106016	NM_002742	PRKD1	protein kinase D1	ENST00000331968	-0,618539584
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,618539593
A_23_P388812	NM_152515	CKAP2L	cytoskeleton associated protein 2-like	ENST00000435431	-0,618611069
A_23_P372848	NM_002558	P2RX1	purinergic receptor P2X, ligand-gated ion channel, 1	ENST00000225538	-0,618611326
A_24_P81298	NM_001123355	PPP6C	protein phosphatase 6, catalytic subunit	ENST00000373547	-0,618667461
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,618692775
A_21_P0002075	ENST00000448595	XLOC_002221		ENST00000448595	-0,618899425
A_32_P62997	NM_018492	PBK	PDZ binding kinase	ENST00000301905	-0,619087666
A_33_P3321871	NR_038862	FLJ42102	uncharacterized LOC399923	ENST00000331301	-0,619136855
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,61916585
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,619166469
A_33_P3306146	NM_001145031	PLAU	plasminogen activator, urokinase	ENST00000372761	-0,619234089
A_23_P163458	NM_139265	EHD4	EH-domain containing 4	ENST00000220325	-0,619244814
A_21_P0013309	TCONS_I2_0002659	XLOC_I2_013848			-0,619260114
A_33_P3362296	ENST00000396017	KCNG1	potassium voltage-gated channel, subfamily G, member 1	ENST00000396017	-0,619429083
A_19_P00807207	TCONS_00014970	XLOC_007052			-0,619433629
A_23_P391228	NM_001031740	MANEAL	mannosidase, endo-alpha-like	ENST00000373045	-0,619483191

A_21_P0000069	NM_001167915	VEPH1	ventricular zone expressed PH domain homolog 1 (zebrafish)	ENST00000468233	-0,61969233
A_23_P413796	NM_138443	HAUS1	HAUS augmin-like complex, subunit 1	ENST00000282058	-0,619700808
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,619713787
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,619829762
A_19_P00322939	NR_003367	PVT1			-0,619852051
A_24_P627503	ENST00000390613	LOC100653245	ig heavy chain V-III region VH26-like	ENST00000390613	-0,619874483
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,619889617
A_23_P435657	NR_003683	ALMS1P	Alstrom syndrome 1 pseudogene	ENST00000450720	-0,619931372
A_33_P3232498	NM_001029883	C2orf71	chromosome 2 open reading frame 71	ENST00000331664	-0,619957066
A_33_P3308905	NM_001083535	CEP57L1	centrosomal protein 57kDa-like 1	ENST00000407272	-0,620094021
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENST00000216121	-0,620431495
A_23_P166248	NM_004414	RCAN1	regulator of calcineurin 1	ENST00000443408	-0,620440311
A_23_P62932	NM_001677	ATP1B1	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide	ENST00000367816	-0,620510551
A_23_P427703	NR_001447	MT1L	metallothionein 1L (gene/pseudogene)		-0,620515826
A_32_P165116	NM_138458	WDR92	WD repeat domain 92	ENST00000406334	-0,620534028
A_33_P3344801	ENST00000372500	SLC2A1	solute carrier family 2 (facilitated glucose transporter), member 1	ENST00000372500	-0,62060053
A_23_P152002	NM_004049	BCL2A1	BCL2-related protein A1	ENST00000267953	-0,620653287
A_21_P0010405	THC2613584	XLOC_014192			-0,620774411
A_23_P18078	NM_002888	RARRES1	retinoic acid receptor responder (tazarotene induced) 1	ENST00000498640	-0,620794376
A_23_P35045	NM_001025598	ARHGAP30	Rho GTPase activating protein 30	ENST00000368013	-0,620813165
A_32_P300427	NM_153360	APCDD1L	adenomatosis polyposis coli down-regulated 1-like	ENST00000371149	-0,620975407
A_33_P3257708	NM_144772	APOA1BP	apolipoprotein A-I binding protein	ENST00000368233	-0,621074013
A_19_P00331853	NR_034089	LOC100131564	uncharacterized LOC100131564		-0,621087182
A_21_P0006391	TCONS_00016862	XLOC_007835			-0,62110047
A_23_P35343	NM_021045	ZNF248	zinc finger protein 248	ENST00000494133	-0,621243278
A_32_P4018	ENST00000371079	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000371079	-0,621316231
A_23_P24104	NM_002658	PLAU	plasminogen activator, urokinase	ENST00000496777	-0,621433998
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,62148067
A_24_P944049	NM_015147	CEP68	centrosomal protein 68kDa	ENST00000377990	-0,62152938

A_23_P3602	NM_001243657	NUDT7	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000268533	-0,62156804
A_23_P28434	NM_003761	VAMP8	vesicle-associated membrane protein 8 (endobrevin)	ENST00000263864	-0,621636921
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,621649888
A_33_P3415032	NM_002232	KCNA3	potassium voltage-gated channel, shaker-related subfamily,	ENST00000369769	-0,621743428
A_23_P502170	NM_015522	DYNC2LI1	dynein, cytoplasmic 2, light intermediate chain 1	ENST00000479242	-0,621766365
A_23_P19352	NM_006586	CNPY3	canopy 3 homolog (zebrafish)	ENST00000394142	-0,621897571
A_23_P3212	NM_020234	DTWD1	DTW domain containing 1	ENST00000403028	-0,622001102
A_23_P13907	NM_000618	IGF1	insulin-like growth factor 1 (somatomedin C)	ENST00000481539	-0,622016967
A_33_P3380356	AK126705	LOC100127991	uncharacterized LOC100127991		-0,622019034
A_23_P76983	NM_025057	C14orf45	chromosome 14 open reading frame 45	ENST00000394009	-0,622075542
A_33_P3644503	NR_027124	LOC339568	uncharacterized LOC339568	ENST00000412672	-0,622128234
A_24_P120115	NM_003879	CFLAR	CASP8 and FADD-like apoptosis regulator	ENST00000340870	-0,622152347
A_33_P3234989	NM_014055	IFT81	intraflagellar transport 81 homolog (Chlamydomonas)	ENST00000552912	-0,622352214
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,622380814
A_23_P502224	NM_007326	CYB5R3	cytochrome b5 reductase 3	ENST00000407332	-0,622436731
A_21_P0002761	ENST00000471993	XLOC_002737		ENST00000471993	-0,622575258
A_24_P64039	NM_006803	AP3M2	adaptor-related protein complex 3, mu 2 subunit	ENST00000518421	-0,622664374
A_23_P408376	NM_025015	HSPA12A	heat shock 70kDa protein 12A	ENST00000369209	-0,622701903
A_23_P34424	NM_004700	KCNQ4	potassium voltage-gated channel, KQT-like subfamily, mem	ENST00000506017	-0,622741163
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000492183	-0,622879575
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,622889223
A_23_P45304	NM_021083	XK	X-linked Kx blood group (McLeod syndrome)	ENST00000378616	-0,622911457
A_21_P0010894	TCONS_I2_0000369	XLOC_I2_002049			-0,622921345
A_23_P153745	NM_006332	IFI30	interferon, gamma-inducible protein 30	ENST00000407280	-0,622996574
A_24_P53282	NM_001304	CPD	carboxypeptidase D	ENST00000225719	-0,623036249
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,623217703
A_23_P117662	NM_002112	HDC	histidine decarboxylase	ENST00000267845	-0,623220552
A_21_P0012436	TCONS_I2_0001920	XLOC_I2_010139			-0,623280486
A_23_P100141	NM_023076	UNKL	unkempt homolog (Drosophila)-like	ENST00000397464	-0,623284758

A_24_P352952	NM_017565	FAM20A	family with sequence similarity 20, member A	ENST00000375556	-0,623301038
A_23_P417415	NM_147161	ACOT11	acyl-CoA thioesterase 11	ENST00000451902	-0,623377357
A_33_P3270668	NM_001031690	FAM131B	family with sequence similarity 131, member B	ENST00000409222	-0,623553019
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,623622446
A_23_P6596	NM_005524	HES1	hairy and enhancer of split 1, (Drosophila)	ENST00000476918	-0,623680304
A_23_P75741	NM_198183	UBE2L6	ubiquitin-conjugating enzyme E2L 6	ENST00000528275	-0,623753742
A_33_P3351120	NM_003330	TXNRD1	thioredoxin reductase 1	ENST00000378070	-0,623761821
A_21_P0008235	TCONS_00022170	XLOC_010374			-0,623866123
A_24_P297539	NM_181803	UBE2C	ubiquitin-conjugating enzyme E2C	ENST00000405520	-0,623913501
A_33_P3285156	NR_026857	FLJ90757	uncharacterized LOC440465		-0,624045753
A_23_P75310	NM_021226	ARHGAP22	Rho GTPase activating protein 22	ENST00000417247	-0,624231695
A_23_P415401	NM_001206	KLF9	Kruppel-like factor 9	ENST00000377126	-0,624412922
A_23_P204304	NM_030667	PTPRO	protein tyrosine phosphatase, receptor type, O	ENST00000281171	-0,624485762
A_21_P0010225	TCONS_00028980	XLOC_013894			-0,62468843
A_23_P45560	NM_000273	GPR143	G protein-coupled receptor 143	ENST00000380929	-0,624733919
A_32_P352743	NM_001004440	FAM19A3	family with sequence similarity 19 (chemokine (C-C motif)-li	ENST00000369630	-0,625018255
A_24_P82493	NM_024819	DCAKD	dephospho-CoA kinase domain containing	ENST00000342350	-0,625056396
A_24_P56270	NM_006482	DYRK2	dual-specificity tyrosine-(Y)-phosphorylation regulated kina:	ENST00000344096	-0,625074579
A_33_P3242543	NM_000240	MAOA	monoamine oxidase A	ENST00000338702	-0,625101672
A_21_P0014387	XR_109558	LOC100507094	uncharacterized LOC100507094		-0,625263891
A_21_P0010854	NR_027916	AKR1CL1	aldo-keto reductase family 1, member C-like 1	ENST00000432689	-0,62530053
A_32_P105549	NM_001630	ANXA8L2	annexin A8-like 2	ENST00000344416	-0,625320105
A_33_P3335571	NR_029192	LOC100133315	transient receptor potential cation channel, subfamily C, me	ENST00000532852	-0,625450615
A_23_P42746	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000289473	-0,625988872
A_23_P60579	NM_002435	MPI	mannose phosphate isomerase	ENST00000535694	-0,626042387
A_23_P57709	NM_013363	PCOLCE2	procollagen C-endopeptidase enhancer 2	ENST00000470795	-0,626049506
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,626070658
A_21_P0003384	ENST00000514327	XLOC_003631		ENST00000514327	-0,626154301
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,626186174

A_33_P3376264	ENST00000378938	GK	glycerol kinase	ENST00000378938	-0,626350717
A_21_P0009109	THC2668465	XLOC_011763			-0,626519988
A_32_P143000	NM_015307	FAM189A1	family with sequence similarity 189, member A1	ENST00000261275	-0,626601781
A_33_P3240512	NM_138444	KCTD12	potassium channel tetramerisation domain containing 12	ENST00000377474	-0,626634694
A_23_P151150	NM_202002	FOXM1	forkhead box M1	ENST00000359843	-0,62666491
A_23_P321388	NM_153341	RNF19B	ring finger protein 19B	ENST00000405457	-0,626896584
A_21_P0012192	TCONS_I2_0001717	XLOC_I2_009172			-0,626951439
A_23_P371039	NM_002531	NTSR1	neurotensin receptor 1 (high affinity)	ENST00000370501	-0,627029209
A_23_P100141	NM_023076	UNKL	unkempt homolog (Drosophila)-like	ENST00000397464	-0,627051865
A_21_P0003446	TCONS_00007714	XLOC_003872			-0,627078646
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,627081616
A_33_P3259736	NM_014324	AMACR	alpha-methylacyl-CoA racemase	ENST00000382079	-0,627191739
A_33_P3241541	CR936789	FSD1L	fibronectin type III and SPRY domain containing 1-like	ENST00000374707	-0,627229909
A_23_P5778	NM_022449	RAB17	RAB17, member RAS oncogene family	ENST00000414278	-0,627432529
A_23_P217917	NM_147148	GSTM4	glutathione S-transferase mu 4	ENST00000493171	-0,627547339
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,627667102
A_21_P0011568	TCONS_00025589	XLOC_I2_005997			-0,627787413
A_21_P0011730	TCONS_I2_0001294	XLOC_I2_006973			-0,627859069
A_23_P109964	NM_032600	CCDC54	coiled-coil domain containing 54	ENST00000261058	-0,627908318
A_21_P0010565	NM_004595	SMS	spermine synthase	ENST00000404933	-0,627963806
A_33_P3214035	NM_000675	ADORA2A	adenosine A2a receptor	ENST00000436735	-0,628026
A_23_P128919	NM_002306	LGALS3	lectin, galactoside-binding, soluble, 3	ENST00000254301	-0,628099785
A_19_P00806771	XR_132670	LOC100652730	uncharacterized LOC100652730	ENST00000412500	-0,628127458
A_32_P210642	NM_201446	EGFL7	EGF-like-domain, multiple 7	ENST00000308874	-0,628511463
A_19_P00802615	NR_034089	LOC100131564	uncharacterized LOC100131564		-0,628766283
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,628768913
A_21_P0014705	XR_112228	LOC100507807	uncharacterized LOC100507807		-0,628884428
A_21_P0006125	TCONS_00015917	XLOC_007279			-0,628927865
A_32_P104478	NM_018351	FGD6	FYVE, RhoGEF and PH domain containing 6	ENST00000343958	-0,62903607

A_24_P277295	NM_198490	RAB43	RAB43, member RAS oncogene family	ENST00000315150	-0,629149511
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,62918644
A_21_P0000851	NR_038953	LOC100507564	uncharacterized LOC100507564		-0,629336399
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,629370846
A_33_P3225625	NM_001003799	TARP	TCR gamma alternate reading frame protein	ENST00000443402	-0,629443391
A_23_P100127	NM_170589	CASC5	cancer susceptibility candidate 5	ENST00000260369	-0,629539451
A_21_P0009555	TCONS_00026518	XLOC_012839			-0,629565172
A_33_P3277575	ENST00000404147	CDCA5	cell division cycle associated 5	ENST00000404147	-0,629722733
A_19_P00320723	NR_040059	LOC100131089	uncharacterized LOC100131089		-0,62985358
A_23_P100141	NM_023076	UNKL	unkempt homolog (Drosophila)-like	ENST00000397464	-0,629861504
A_33_P3283713	NM_015407	ABHD14A	abhydrolase domain containing 14A	ENST00000360889	-0,629898725
A_33_P3268304	NM_001161404	LIMS2	LIM and senescent cell antigen-like domains 2	ENST00000537572	-0,629914639
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,630004951
A_23_P31921	NM_000050	ASS1	argininosuccinate synthase 1	ENST00000422569	-0,630336587
A_23_P161152	NM_014317	PDSS1	prenyl (decaprenyl) diphosphate synthase, subunit 1	ENST00000470978	-0,63045026
A_33_P3350621	NM_001111101	CNRIP1	cannabinoid receptor interacting protein 1	ENST00000409559	-0,63066655
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,630850649
A_23_P112311	NM_012210	TRIM32	tripartite motif containing 32	ENST00000450136	-0,631020801
A_33_P3390731	NM_001012398	AKTIP	AKT interacting protein	ENST00000300245	-0,631116795
A_21_P0009342	NR_030732	LOC645638	WDNM1-like pseudogene		-0,631225543
A_23_P87580	NM_012404	ANP32D	acidic (leucine-rich) nuclear phosphoprotein 32 family, men	ENST00000266594	-0,631227684
A_23_P77545	NM_001053	SSTR5	somatostatin receptor 5	ENST00000539762	-0,631251865
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,631379718
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,631400089
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,631680643
A_33_P3481113	NR_038398	CECR3	cat eye syndrome chromosome region, candidate 3 (non-pr	ENST00000428828	-0,631800323
A_21_P0010481	TCONS_00029926	XLOC_014404			-0,631843664
A_32_P138004	NM_207009	FAM45A	family with sequence similarity 45, member A	ENST00000546291	-0,631878181
A_21_P0007174	TCONS_00019235	XLOC_009065			-0,632013187

A_23_P117727	NM_139242	MTFMT	mitochondrial methionyl-tRNA formyltransferase	ENST00000220058	-0,632016236
A_33_P3364854	NM_018646	TRPV6	transient receptor potential cation channel, subfamily V, member 6	ENST00000311470	-0,632182888
A_33_P3270311	NM_020760	HECW2	HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2	ENST00000260983	-0,632223671
A_21_P0000980	ENST00000450811	XLOC_000229		ENST00000450811	-0,632294311
A_23_P58228	NM_017855	ODAM	odontogenic, ameloblast associated	ENST00000510847	-0,63230549
A_23_P24104	NM_002658	PLAU	plasminogen activator, urokinase	ENST00000496777	-0,63237207
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,632468349
A_23_P112004	NM_012472	LRR6C	leucine rich repeat containing 6	ENST00000395414	-0,632583369
A_33_P3311041	AK096227	CKAP2	cytoskeleton associated protein 2		-0,632690717
A_23_P171107	NM_033031	CCNB3	cyclin B3	ENST00000376042	-0,632712568
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,632727587
A_24_P322353	NM_024430	PSTPIP2	proline-serine-threonine phosphatase interacting protein 2	ENST00000495213	-0,632801736
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,632947047
A_21_P0009773	TCONS_00027385	XLOC_013370			-0,633069435
A_24_P12281	NM_007077	AP4S1	adaptor-related protein complex 4, sigma 1 subunit	ENST00000556232	-0,633132045
A_23_P88626	NM_001150	ANPEP	alanyl (membrane) aminopeptidase	ENST00000300060	-0,633162905
A_19_P00319201	NM_173463	CCDC149	coiled-coil domain containing 149	ENST00000504487	-0,633374419
A_33_P3317253	NM_001001484	PTER	phosphotriesterase related	ENST00000378000	-0,633634491
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,633643474
A_33_P3229196	NM_004357	CD151	CD151 molecule (Raph blood group)	ENST00000397420	-0,633797782
A_21_P0001105	ENST00000455966	XLOC_000732		ENST00000455966	-0,633850373
A_21_P0001703	TCONS_00002153	XLOC_000385			-0,633870844
A_33_P3280779	NM_025125	C10orf57	chromosome 10 open reading frame 57	ENST00000372274	-0,633921029
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,633963548
A_23_P100127	NM_170589	CASC5	cancer susceptibility candidate 5	ENST00000260369	-0,633991131
A_23_P104073	NM_002960	S100A3	S100 calcium binding protein A3	ENST00000368712	-0,63406316
A_21_P0014404	ENST00000422459	LOC100506115		ENST00000422459	-0,634067435
A_33_P3392537	NM_004614	TK2	thymidine kinase 2, mitochondrial	ENST00000451102	-0,634079378
A_32_P73796	NM_014906	PPM1E	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1E	ENST00000308249	-0,6341116

A_21_P0000764	NR_038324	LOC100505768	uncharacterized LOC100505768	ENST00000452509	-0,634273362
A_23_P359746	NM_176817	TAS2R38	taste receptor, type 2, member 38	ENST00000547270	-0,634366055
A_21_P0007793	THC2684861	XLOC_010251			-0,634450721
A_23_P53763	NM_025113	KIAA0226L	KIAA0226-like	ENST00000534925	-0,634575215
A_33_P3307903	NM_005192	CDKN3	cyclin-dependent kinase inhibitor 3	ENST00000216414	-0,634610847
A_24_P172990	NM_001605	AARS	alanyl-tRNA synthetase	ENST00000261772	-0,634648745
A_33_P3236102	NM_203434	IER5L	immediate early response 5-like	ENST00000372491	-0,634653465
A_21_P0000091	NM_001172780	LRRC34	leucine rich repeat containing 34	ENST00000524327	-0,634827496
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,634882467
A_21_P0010536	NM_018284	GBP3	guanylate binding protein 3	ENST00000461384	-0,635175994
A_23_P380881	NM_152345	ANKRD13B	ankyrin repeat domain 13B	ENST00000493506	-0,635266691
A_33_P3381623	NM_153021	PLB1	phospholipase B1	ENST00000329020	-0,635629737
A_24_P117323	NM_032775	KLHL22	kelch-like 22 (Drosophila)	ENST00000440659	-0,63572011
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,635738989
A_33_P3249046	NM_001171092	CLDN2	claudin 2	ENST00000336803	-0,63574867
A_21_P0005198	XR_113026	LOC100505669	uncharacterized LOC100505669		-0,635799176
A_24_P397489	NM_001491	GCNT2	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme (	ENST00000379597	-0,635843079
A_23_P116653	NM_138722	BCL2L14	BCL2-like 14 (apoptosis facilitator)	ENST00000396369	-0,635855336
A_19_P00316624	ENST00000514050	XLOC_I2_011173		ENST00000514050	-0,636031996
A_32_P100109	NM_004726	REPS2	RALBP1 associated Eps domain containing 2	ENST00000357277	-0,636133002
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,636370469
A_33_P3246007	NM_144772	APOA1BP	apolipoprotein A-I binding protein	ENST00000368235	-0,636447957
A_33_P3388501	NM_003465	CHIT1	chitinase 1 (chitotriosidase)	ENST00000491855	-0,636550133
A_33_P3313055	NM_000435	NOTCH3	notch 3	ENST00000263388	-0,636560498
A_33_P3405966	NM_174964	ST3GAL3	ST3 beta-galactoside alpha-2,3-sialyltransferase 3	ENST00000372362	-0,63673876
A_24_P20383	NM_005718	ARPC4	actin related protein 2/3 complex, subunit 4, 20kDa	ENST00000485273	-0,637024512
A_21_P0008636	TCONS_00023422	XLOC_011264			-0,637079908
A_21_P0006228	CF127220	XLOC_007571			-0,637162404
A_23_P125680	NM_017938	FAM70A	family with sequence similarity 70, member A	ENST00000440464	-0,637207202

A_24_P111996	NM_000410	HFE	hemochromatosis	ENST00000397022	-0,637226903
A_21_P0010648	TCONS_I2_0000149;XLOC_I2_001086				-0,637478464
A_24_P62783	NM_004102	FABP3	fatty acid binding protein 3, muscle and heart (mammary-d	ENST00000482018	-0,637732457
A_23_P362659	NM_002468	MYD88	myeloid differentiation primary response gene (88)	ENST00000484513	-0,637787664
A_23_P8981	NM_000349	STAR	steroidogenic acute regulatory protein	ENST00000520114	-0,637899027
A_32_P205053	ENST00000375099	UBXN10	UBX domain protein 10	ENST00000375099	-0,638025275
A_33_P3705907	NM_058190	FAM207A	family with sequence similarity 207, member A	ENST00000479127	-0,638188851
A_21_P0013601	AK024464	XLOC_I2_015033			-0,63825866
A_33_P3816688	NM_133263	PPARGC1B	peroxisome proliferator-activated receptor gamma, coactiv	ENST00000309241	-0,638275841
A_24_P472007	NM_001080421	UNC13A	unc-13 homolog A (C. elegans)	ENST00000252773	-0,638351515
A_23_P393955	NM_175741	C15orf55	chromosome 15 open reading frame 55	ENST00000537011	-0,638391886
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,638582422
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,638642477
A_33_P3792328	ENST00000306024	LSM3	LSM3 homolog, U6 small nuclear RNA associated (S. cerevis	ENST00000306024	-0,638674528
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,63868218
A_33_P3407256	NM_001166260	TRIP13	thyroid hormone receptor interactor 13	ENST00000512024	-0,638822111
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,638863695
A_33_P3340025	NM_021067	GINS1	GINS complex subunit 1 (Psf1 homolog)	ENST00000262460	-0,63895363
A_23_P396062	NM_021168	RAB40C	RAB40C, member RAS oncogene family	ENST00000535977	-0,638957615
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,639067502
A_23_P7896	NM_020185	DUSP22	dual specificity phosphatase 22	ENST00000344450	-0,639120935
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,639301169
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,639344039
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,639443756
A_33_P3308586	NM_001012729	DUXA	double homeobox A		-0,63970941
A_21_P0005946	TCONS_00015340	XLOC_006912			-0,639729449
A_21_P0000618	NR_033965	FLJ33065	uncharacterized LOC440952		-0,639885926
A_23_P41424	NM_022154	SLC39A8	solute carrier family 39 (zinc transporter), member 8	ENST00000394833	-0,639962813
A_23_P7562	NM_001009185	ACSL6	acyl-CoA synthetase long-chain family member 6	ENST00000544770	-0,64000216

A_21_P0002532	ENST00000420128	XLOC_002452		ENST00000420128	-0,640015939
A_21_P0012487	AW963197	XLOC_l2_010511			-0,640043192
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,640183092
A_23_P50096	NM_001071	TYMS	thymidylate synthetase	ENST00000323274	-0,640209645
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,640244015
A_21_P0010024	TCONS_00028347	XLOC_013696			-0,640462238
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,640577007
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,640753643
A_23_P209426	NM_015049	TRAK2	trafficking protein, kinesin binding 2	ENST00000332624	-0,640868037
A_23_P432947	NM_013372	GREM1	gremlin 1	ENST00000300177	-0,640894762
A_21_P0005716	ENST00000520273	XKR9	XK, Kell blood group complex subunit-related family, memb	ENST00000520273	-0,641019752
A_33_P3273777	NM_198568	GJB7	gap junction protein, beta 7, 25kDa	ENST00000296882	-0,641194541
A_23_P256107	NM_006665	HPSE	heparanase	ENST00000507150	-0,64119653
A_33_P3412087	NM_025059	C6orf97	chromosome 6 open reading frame 97	ENST00000367290	-0,641208072
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129	-0,641520498
A_23_P394986	NM_153836	CREG2	cellular repressor of E1A-stimulated genes 2	ENST00000324768	-0,641615186
A_33_P3223002	NM_018485	GPR77	G protein-coupled receptor 77	ENST00000257267	-0,64164036
A_23_P119266	NM_001375	DNASE2	deoxyribonuclease II, lysosomal	ENST00000538460	-0,641779122
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,641831689
A_23_P35609	NM_000375	UROS	uroporphyrinogen III synthase	ENST00000420761	-0,641873076
A_19_P00328832	NR_026961	LOC284837	uncharacterized LOC284837	ENST00000400385	-0,642176095
A_23_P169154	NM_024896	ERMP1	endoplasmic reticulum metallopeptidase 1	ENST00000339450	-0,64218461
A_21_P0006571	TCONS_00017457	XLOC_008058			-0,642203766
A_33_P3281816	NM_006367	CAP1	CAP, adenylate cyclase-associated protein 1 (yeast)	ENST00000449311	-0,642310212
A_21_P0011514	NM_001190790	CDRT15L2	CMT1A duplicated region transcript 15-like 2	ENST00000399044	-0,642357269
A_23_P425752	NM_033219	TRIM14	tripartite motif containing 14	ENST00000342043	-0,64240396
A_23_P207911	NM_016113	TRPV2	transient receptor potential cation channel, subfamily V, mem	ENST00000338560	-0,642579198
A_23_P318604	ENST00000528663	CYHR1	cysteine/histidine-rich 1	ENST00000528663	-0,642703067
A_23_P62115	NM_003254	TIMP1	TIMP metallopeptidase inhibitor 1	ENST00000218388	-0,642740715

A_23_P115482	NM_014176	UBE2T	ubiquitin-conjugating enzyme E2T (putative)	ENST00000367274	-0,642755855
A_23_P137366	NM_000491	C1QB	complement component 1, q subcomponent, B chain	ENST00000314933	-0,642764362
A_24_P66001	NM_001003684	UQCRC10	ubiquinol-cytochrome c reductase, complex III subunit X	ENST00000401406	-0,642906246
A_33_P3239322	AK125160	LOC100132474	uncharacterized LOC100132474		-0,643058876
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,643078221
A_21_P0006796	ENST00000414774	XLOC_008970		ENST00000414774	-0,643175647
A_23_P27584	NM_001020818	MYADM	myeloid-associated differentiation marker	ENST00000391771	-0,643190781
A_33_P3373985	XM_001718914	LOC100130009	high mobility group protein HMG-I/HMG-Y-like		-0,643259867
A_24_P287189	NM_019009	TOLLIP	toll interacting protein	ENST00000317204	-0,643530145
A_33_P3247644	NM_152793	C7orf41	chromosome 7 open reading frame 41	ENST00000324489	-0,643573862
A_23_P257111	NM_000507	FBP1	fructose-1,6-bisphosphatase 1	ENST00000415431	-0,643576796
A_24_P210829	NM_005009	NME4	non-metastatic cells 4, protein expressed in	ENST00000460297	-0,643594681
A_23_P217379	NM_033641	COL4A6	collagen, type IV, alpha 6	ENST00000394872	-0,643632586
A_19_P00315668	NM_022740	HIPK2	homeodomain interacting protein kinase 2	ENST00000406875	-0,643764513
A_32_P148710	NM_005507	CFL1	cofilin 1 (non-muscle)	ENST00000308162	-0,643879986
A_23_P41194	NM_153353	LRRC34	leucine rich repeat containing 34	ENST00000522329	-0,64388092
A_24_P328872	NM_012073	CCT5	chaperonin containing TCP1, subunit 5 (epsilon)	ENST00000280326	-0,644100419
A_23_P79015	NM_199037	SCN1B	sodium channel, voltage-gated, type I, beta	ENST00000415950	-0,644137566
A_24_P589266	NM_001099289	SH3RF3	SH3 domain containing ring finger 3	ENST00000444352	-0,644307413
A_33_P3344673	NM_019121	PPP1R37	protein phosphatase 1, regulatory subunit 37	ENST00000421905	-0,644324076
A_33_P3420254	NM_017802	HEATR2	HEAT repeat containing 2	ENST00000313147	-0,644532837
A_23_P57413	NM_014634	PPM1F	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1F	ENST00000484588	-0,644632096
A_33_P3372004	NM_005849	IGSF6	immunoglobulin superfamily, member 6	ENST00000268389	-0,644899148
A_21_P0007660	TCONS_00021252	XLOC_009941			-0,645052453
A_32_P172848	NM_000167	GK	glycerol kinase	ENST00000471362	-0,645072429
A_23_P319792	NM_019001	XRN1	5'-3' exoribonuclease 1	ENST00000264951	-0,645121567
A_24_P133488	NM_017955	CDCA4	cell division cycle associated 4	ENST00000392590	-0,64513838
A_32_P526255	NM_001145717	PNPLA1	patatin-like phospholipase domain containing 1	ENST00000457797	-0,645182927
A_23_P385861	NM_152562	CDCA2	cell division cycle associated 2	ENST00000435898	-0,645429775

A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,645452427
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,645535136
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,645615807
A_23_P82738	NM_012415	RAD54B	RAD54 homolog B (<i>S. cerevisiae</i>)	ENST00000546218	-0,645631884
A_23_P75867	NM_207186	OR10A4	olfactory receptor, family 10, subfamily A, member 4	ENST00000379829	-0,645689113
A_23_P1320	NM_021245	MYOZ1	myozenin 1	ENST00000359322	-0,645725782
A_24_P96780	NM_016343	CENPF	centromere protein F, 350/400kDa (mitosin)	ENST00000391896	-0,645998827
A_23_P397238	NM_054014	FKBP1A	FK506 binding protein 1A, 12kDa	ENST00000381715	-0,646022683
A_21_P0007073	TCONS_00018797	XLOC_008583			-0,646043636
A_24_P62615	NM_006367	CAP1	CAP, adenylate cyclase-associated protein 1 (yeast)	ENST00000372792	-0,646112234
A_21_P0005115	XM_003403441	RAB44	RAB44, member RAS oncogene family		-0,646174207
A_33_P3217704	NM_025182	KIAA1539	KIAA1539	ENST00000378566	-0,646257247
A_24_P238499	NM_001012716	C18orf56	chromosome 18 open reading frame 56	ENST00000323813	-0,646473955
A_24_P66027	NM_004900	APOBEC3B	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000335760	-0,646605246
A_23_P210869	NM_032609	COX4I2	cytochrome c oxidase subunit IV isoform 2 (lung)	ENST00000376075	-0,646773646
A_21_P0011953	ENST00000429980	XLOC_I2_008214		ENST00000429980	-0,646792238
A_24_P216421	NM_033148	DTNB	dystrobrevin, beta	ENST00000535791	-0,646795761
A_23_P110624	NM_001332	CTNND2	catenin (cadherin-associated protein), delta 2 (neural plakophilin 3)	ENST00000538638	-0,646899107
A_23_P356004	NM_013434	KCNIP3	Kv channel interacting protein 3, calsenilin	ENST00000377181	-0,646997842
A_24_P346762	NM_025182	KIAA1539	KIAA1539	ENST00000479357	-0,647128733
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (<i>C. elegans</i>)	ENST00000216121	-0,647291246
A_33_P3343957	NM_015252	EHBP1	EH domain binding protein 1	ENST00000405015	-0,647433208
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,647455424
A_23_P356684	NM_018685	ANLN	anillin, actin binding protein	ENST00000491782	-0,64755985
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,647719394
A_23_P387537	NM_024082	PRRG3	proline rich Gla (G-carboxyglutamic acid) 3 (transmembrane protein)	ENST00000538575	-0,647934812
A_24_P380061	NM_001025616	ARHGAP24	Rho GTPase activating protein 24	ENST00000264343	-0,648012196
A_21_P0001976	ENST00000455128	XLOC_001897		ENST00000455128	-0,648075418
A_21_P0010712	ENST00000451023	XLOC_I2_000342		ENST00000451023	-0,648214678

A_23_P72568	NM_003794	SNX4	sorting nexin 4	ENST00000251775	-0,648298056
A_23_P152284	NM_024571	SNRNP25	small nuclear ribonucleoprotein 25kDa (U11/U12)	ENST00000466183	-0,648319554
A_23_P62335	NM_018196	TMLHE	trimethyllysine hydroxylase, epsilon	ENST00000369439	-0,648497887
A_33_P3402354	ENST00000238571	YLPM1	YLP motif containing 1	ENST00000238571	-0,648499568
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,648609594
A_32_P447001	NM_001198784	FLJ27352	uncharacterized LOC145788		-0,648700235
A_32_P158355	NM_001015050	ALG1L	asparagine-linked glycosylation 1-like	ENST00000532875	-0,648832312
A_24_P192262	NM_005402	RALA	v-ral simian leukemia viral oncogene homolog A (ras related)	ENST0000005257	-0,649060918
A_23_P216966	NM_000962	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H and thromboxane synthase)	ENST00000223423	-0,649580563
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibitory 1	ENST00000351004	-0,649611074
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,649761984
A_24_P117410	NM_138433	KLHDC7B	kelch domain containing 7B	ENST00000395676	-0,64977266
A_33_P3659876	NM_017760	NCAPG2	non-SMC condensin II complex, subunit G2	ENST00000467785	-0,649786141
A_24_P354615	NM_001040446	MTMR12	myotubularin related protein 12	ENST00000382142	-0,649874809
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,650026894
A_23_P211080	NM_207585	IFNAR2	interferon (alpha, beta and omega) receptor 2	ENST00000382241	-0,650056498
A_33_P3540143	NM_014339	IL17RA	interleukin 17 receptor A	ENST00000319363	-0,650175046
A_23_P389692	NM_020776	KIAA1328	KIAA1328	ENST00000280020	-0,650312922
A_33_P3354181	NM_020122	KCMF1	potassium channel modulatory factor 1	ENST00000409785	-0,650348948
A_21_P0012818	ENST00000502952	XLOC_I2_011413		ENST00000502952	-0,650382525
A_33_P3232552	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,650437169
A_33_P3279629	NM_033199	UCN2	urocortin 2	ENST00000273610	-0,650521099
A_23_P10305	NM_175859	CTPS2	CTP synthase II	ENST00000380207	-0,650656191
A_21_P0003689	TCONS_00008357	XLOC_003804			-0,650674124
A_33_P3269109	NM_001130686	GUCY1A3	guanylate cyclase 1, soluble, alpha 3	ENST00000512983	-0,650678787
A_21_P0001626	ENST00000420762	XLOC_001209		ENST00000420762	-0,651049622
A_23_P123071	NM_001233	CAV2	caveolin 2	ENST00000498493	-0,651215039
A_24_P115007	NM_170740	ALDH5A1	aldehyde dehydrogenase 5 family, member A1	ENST00000357578	-0,651393683
A_23_P33759	NM_004753	DHRS3	dehydrogenase/reductase (SDR family) member 3	ENST00000376223	-0,651516273

A_24_P68908	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000423298	-0,651865799
A_21_P0014351	ENST00000451140	LOC100506325		ENST00000451140	-0,65192188
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,652021693
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,652433499
A_21_P0006465	ENST00000442841	XLOC_008246		ENST00000442841	-0,652486781
A_33_P3479449	AK055877	LOC100506328	uncharacterized LOC100506328		-0,652567032
A_19_P00315790	NR_034007	LOC339894	uncharacterized LOC339894	ENST00000471357	-0,652585872
A_23_P348767	NM_213631	C20orf132	chromosome 20 open reading frame 132	ENST00000400440	-0,652624565
A_24_P64167	NM_000962	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H	ENST00000362012	-0,652709752
A_23_P154208	NM_017567	NAGK	N-acetylglucosamine kinase	ENST00000455197	-0,652810266
A_23_P26994	NM_031498	GNGT2	guanine nucleotide binding protein (G protein), gamma trar	ENST00000515635	-0,652893661
A_33_P3359368	NM_001082488	DHRS4L1	dehydrogenase/reductase (SDR family) member 4 like 1	ENST00000397065	-0,653206398
A_33_P3585268	NM_002070	GNAI2	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000490122	-0,65332744
A_21_P0007187	TCONS_00019257	XLOC_009087			-0,653350749
A_23_P24444	NM_001360	DHCR7	7-dehydrocholesterol reductase	ENST00000355527	-0,653507432
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,653761981
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,653896959
A_24_P193943	NM_176787	PIGN	phosphatidylinositol glycan anchor biosynthesis, class N	ENST00000357637	-0,653971548
A_21_P0003999	THC2620722	XLOC_004382			-0,654137682
A_24_P202139	NM_016025	METTL9	methyltransferase like 9	ENST00000540294	-0,654223915
A_23_P113005	NM_004428	EFNA1	ephrin-A1	ENST00000469878	-0,654239735
A_23_P100141	NM_023076	UNKL	unkempt homolog (Drosophila)-like	ENST00000397464	-0,654279474
A_24_P271830	NR_034145	FLJ34690	uncharacterized protein FLJ34690		-0,654460748
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,654512369
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,654523752
A_21_P0006526	TCONS_00017291	XLOC_008111			-0,654709377
A_19_P00316333	NR_038956	LOC100506714	uncharacterized LOC100506714		-0,654850902
A_23_P129717	NM_080663	ERI2	ERI1 exoribonuclease family member 2	ENST00000300005	-0,654875644
A_23_P23584	NM_020248	CTNNBIP1	catenin, beta interacting protein 1	ENST00000377263	-0,65494067

A_33_P3313796	NM_030771	CCDC34	coiled-coil domain containing 34	ENST00000328697	-0,654988329
A_33_P3839760	NM_017914	C19orf24	chromosome 19 open reading frame 24	ENST00000416408	-0,655043484
A_23_P24784	NM_003282	TNNI2	troponin I type 2 (skeletal, fast)	ENST00000381906	-0,655123551
A_24_P406060	NM_182757	RNF144B	ring finger protein 144B	ENST00000259939	-0,6551292
A_23_P39386	NM_014266	HCST	hematopoietic cell signal transducer	ENST00000246551	-0,655183186
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,655311377
A_32_P165113	NM_138458	WDR92	WD repeat domain 92	ENST00000406334	-0,655319888
A_21_P0013802	NM_018196	TMLHE	trimethyllysine hydroxylase, epsilon	ENST00000334398	-0,655361439
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,655451932
A_23_P50946	NM_005855	RAMP1	receptor (G protein-coupled) activity modifying protein 1	ENST00000254661	-0,655487824
A_32_P95739	NM_000365	TPI1	triosephosphate isomerase 1	ENST00000535434	-0,655663709
A_24_P191312	NM_003038	SLC1A4	solute carrier family 1 (glutamate/neutral amino acid transporter)	ENST00000480594	-0,655784774
A_23_P78867	NM_000540	RYR1	ryanodine receptor 1 (skeletal)	ENST00000359596	-0,655811447
A_23_P100141	NM_023076	UNKL	unkempt homolog (Drosophila)-like	ENST00000397464	-0,655860172
A_24_P743869	NM_001195304	BBIP1	BBSome interacting protein 1	ENST00000448814	-0,656014876
A_21_P0004007	ENST00000515077	XLOC_004410		ENST00000515077	-0,656023878
A_21_P0000607	NR_033839	FLJ39051	uncharacterized LOC399972		-0,656063667
A_21_P0013023	AK125083	RAB44	RAB44, member RAS oncogene family		-0,656107977
A_24_P85775	NM_001039477	C1orf38	chromosome 1 open reading frame 38	ENST00000373927	-0,656148976
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,656200085
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,656206374
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,656614866
A_21_P0008555	AK056686	XLOC_011237			-0,656763757
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,656893169
A_23_P258493	NM_005573	LMNB1	lamin B1	ENST00000460265	-0,657043037
A_23_P42004	NM_033125	SLC22A16	solute carrier family 22 (organic cation/carnitine transporter)	ENST00000330550	-0,657070895
A_23_P301021	NM_004319	ASTN1	astrotactin 1	ENST00000367654	-0,657143281
A_21_P0003036	TCONS_00006248	XLOC_002841			-0,657442184
A_33_P3352877	NM_015087	SPG20	spastic paraplegia 20 (Troyer syndrome)	ENST00000423217	-0,657557171

A_32_P21255	NM_013309	SLC30A4	solute carrier family 30 (zinc transporter), member 4	ENST00000261867	-0,657574412
A_21_P0004919	TCONS_00011916	XLOC_005424			-0,657708393
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENST00000216121	-0,657874111
A_33_P3369452	NM_152906	C22orf25	chromosome 22 open reading frame 25	ENST00000399807	-0,657913544
A_24_P393740	NM_001465	FYB	FYN binding protein	ENST00000351578	-0,65792826
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,657932088
A_24_P941217	ENST00000321276	SGPP2	sphingosine-1-phosphate phosphatase 2	ENST00000321276	-0,658141792
A_23_P91640	NM_020437	ASPHD2	aspartate beta-hydroxylase domain containing 2	ENST00000215906	-0,658208376
A_21_P0014880	XR_132792	LOC100652751	uncharacterized LOC100652751		-0,658292419
A_33_P3217393	NM_001024736	CD276	CD276 molecule	ENST00000379823	-0,658299485
A_24_P601972	NM_001143959	C2orf74	chromosome 2 open reading frame 74	ENST00000398622	-0,658385686
A_33_P3210671	NM_207328	GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	ENST00000458519	-0,658559701
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,658719956
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,658802933
A_33_P3315223	NM_006805	HNRNPAO	heterogeneous nuclear ribonucleoprotein A0	ENST00000314940	-0,658828546
A_21_P0009831	ENST00000432334	XLOC_013475		ENST00000432334	-0,658840006
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,658951288
A_23_P161190	NM_003380	VIM	vimentin	ENST00000544301	-0,659116024
A_32_P176911	NR_026774	LINC00239	long intergenic non-protein coding RNA 239	ENST00000556973	-0,659200358
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,65926067
A_23_P216610	NM_022486	SUSD1	sushi domain containing 1	ENST00000374270	-0,659623434
A_23_P103775	NM_032270	LRRRC8C	leucine rich repeat containing 8 family, member C	ENST00000370454	-0,659624241
A_23_P156739	NM_032340	C6orf125	chromosome 6 open reading frame 125	ENST00000374231	-0,659997324
A_21_P0012838	TCONS_I2_0002244	XLOC_I2_011692			-0,660030467
A_23_P100127	NM_170589	CASC5	cancer susceptibility candidate 5	ENST00000260369	-0,66003188
A_33_P3329644	NM_001136152	ALG1L2	asparagine-linked glycosylation 1-like 2	ENST00000425059	-0,660272341
A_21_P0012575	TCONS_I2_0002044	XLOC_I2_010601			-0,660417344
A_33_P3363168	NM_033389	SSH2	slingshot homolog 2 (Drosophila)	ENST00000269033	-0,660559648
A_24_P192727	ENST00000313664	KAZALD1	Kazal-type serine peptidase inhibitor domain 1	ENST00000313664	-0,660569931

A_33_P3326647	ENST00000342528	OTOG	otogelin	ENST00000342528	-0,660684189
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,660733796
A_21_P0003078	THC2635016	XLOC_002968			-0,660843462
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,660927
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,66104755
A_24_P141736	NM_006838	METAP2	methionyl aminopeptidase 2	ENST00000323666	-0,661064611
A_33_P3818787	NR_027277	LOC344967	acyl-CoA thioesterase 7 pseudogene	ENST00000381811	-0,661106209
A_23_P124252	NM_020397	CAMK1D	calcium/calmodulin-dependent protein kinase ID	ENST00000378845	-0,661117239
A_23_P88678	NM_152335	C15orf27	chromosome 15 open reading frame 27	ENST00000484722	-0,661453332
A_23_P2616	NM_130441	CLEC4C	C-type lectin domain family 4, member C	ENST00000360345	-0,661487565
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,661663224
A_24_P313418	NM_002990	CCL22	chemokine (C-C motif) ligand 22	ENST00000219235	-0,661702003
A_24_P409330	NM_181304	MRPL52	mitochondrial ribosomal protein L52	ENST00000553711	-0,661724591
A_21_P0013500	THC2645076	XLOC_I2_014294			-0,661869993
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,661894021
A_33_P3753757	AK095652	LOC158402	uncharacterized LOC158402		-0,662011012
A_23_P217339	NM_005044	PRKX	protein kinase, X-linked	ENST00000262848	-0,662121064
A_21_P0013286	TCONS_I2_0002641	XLOC_I2_013737			-0,662231698
A_33_P3336780	NM_007188	ABCB8	ATP-binding cassette, sub-family B (MDR/TAP), member 8	ENST00000358849	-0,662238835
A_24_P7121	NM_024677	NSUN7	NOP2/Sun domain family, member 7	ENST00000381782	-0,662240838
A_23_P31143	NM_001003395	TPD52L1	tumor protein D52-like 1	ENST00000392482	-0,662329217
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,662384436
A_23_P1492	NM_021732	AVPI1	arginine vasopressin-induced 1	ENST00000370626	-0,662571014
A_23_P70231	NM_001182	ALDH7A1	aldehyde dehydrogenase 7 family, member A1	ENST00000497231	-0,662754819
A_23_P101521	NM_152358	IZUMO2	IZUMO family member 2	ENST00000486050	-0,66283037
A_23_P48056	NM_006825	CKAP4	cytoskeleton-associated protein 4	ENST00000378026	-0,66308032
A_23_P348749	NM_145025	AKD1	adenylate kinase domain containing 1	ENST00000285397	-0,663105807
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,663129787
A_21_P0002658	NR_037631	LOC100288911	uncharacterized LOC100288911		-0,663387365

A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,663507397
A_21_P0000748	NR_038280	LOC100506963	uncharacterized LOC100506963	ENST00000427796	-0,663726007
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,663819337
A_23_P137423	NM_052868	IGSF8	immunoglobulin superfamily, member 8	ENST00000358475	-0,663869369
A_23_P303455	NM_153832	GPR161	G protein-coupled receptor 161	ENST00000367835	-0,663895362
A_33_P3352827	NM_003037	SLAMF1	signaling lymphocytic activation molecule family member 1	ENST00000355199	-0,663972902
A_21_P0013513	TCONS_I2_0002818	XLOC_I2_014505			-0,664057447
A_23_P38959	NM_005428	VAV1	vav 1 guanine nucleotide exchange factor	ENST00000304076	-0,664177293
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,664181102
A_33_P3281995	AK129682	LOC100507236	uncharacterized protein LOC100507236		-0,664212376
A_23_P154457	NM_024894	NOL10	nucleolar protein 10	ENST00000345985	-0,664241181
A_19_P00327354	AK057050	XLOC_I2_015037			-0,664275035
A_24_P293530	NM_178033	CYP4X1	cytochrome P450, family 4, subfamily X, polypeptide 1	ENST00000538609	-0,664290049
A_24_P626850	NM_004285	H6PD	hexose-6-phosphate dehydrogenase (glucose 1-dehydroger	ENST00000377403	-0,664328637
A_23_P101319	NM_152354	ZNF285	zinc finger protein 285	ENST00000544719	-0,664373466
A_23_P36641	NM_020661	AICDA	activation-induced cytidine deaminase	ENST00000229335	-0,664420584
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,664557921
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,664589036
A_33_P3235321	NM_032872	SYTL1	synaptotagmin-like 1	ENST00000496001	-0,664635793
A_23_P22224	NM_004095	EIF4EBP1	eukaryotic translation initiation factor 4E binding protein 1	ENST00000338825	-0,664768862
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129	-0,664965663
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,664974271
A_23_P156687	NM_001710	CFB	complement factor B	ENST00000546515	-0,665169709
A_24_P941268	NM_007220	CA5B	carbonic anhydrase VB, mitochondrial	ENST00000318636	-0,665264316
A_24_P38754	NM_018464	CISD1	CDGSH iron sulfur domain 1	ENST00000333926	-0,665264807
A_33_P3537861	EF565113	LOC100126448	uncharacterized LOC100126448		-0,665273654
A_33_P3391290	NM_001142483	C5orf13	chromosome 5 open reading frame 13	ENST00000507742	-0,665612913
A_24_P382026	NM_020679	MIF4GD	MIF4G domain containing	ENST00000325102	-0,665703936
A_23_P147711	NM_000906	NPR1	natriuretic peptide receptor A/guanylate cyclase A (atrionat	ENST00000428723	-0,665821094

A_23_P91140	NM_018441	PECR	peroxisomal trans-2-enoyl-CoA reductase	ENST00000461330	-0,665941088
A_24_P346431	NM_022748	TNS3	tensin 3	ENST00000398879	-0,666034036
A_33_P3339212	NM_004237	TRIP13	thyroid hormone receptor interactor 13	ENST00000166345	-0,666053847
A_33_P3250398	BC025419	CTSZ	cathepsin Z		-0,666127606
A_33_P3305731	NM_025176	NINL	ninein-like	ENST00000278886	-0,666183795
A_23_P100141	NM_023076	UNKL	unkempt homolog (Drosophila)-like	ENST00000397464	-0,666252887
A_24_P931443	NM_003485	GPR68	G protein-coupled receptor 68	ENST00000535815	-0,666373782
A_21_P0001464	BI084121	XLOC_000697			-0,666472578
A_24_P33982	NM_001085423	MILR1	mast cell immunoglobulin-like receptor 1		-0,666532421
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,666583227
A_19_P00321148	AK055877	LOC100506328	uncharacterized LOC100506328		-0,66687859
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,667064026
A_21_P0003095	TCONS_00006387	XLOC_003006			-0,667135019
A_23_P210482	NM_000022	ADA	adenosine deaminase	ENST00000464097	-0,667647502
A_32_P107493	NM_153025	C16orf55	chromosome 16 open reading frame 55	ENST00000301031	-0,667869195
A_24_P270144	NM_001040034	CD63	CD63 molecule	ENST00000551173	-0,667950763
A_32_P162374	NM_173529	C18orf54	chromosome 18 open reading frame 54	ENST00000300091	-0,668006484
A_23_P70688	NM_004271	LY86	lymphocyte antigen 86	ENST00000230568	-0,668094338
A_23_P123596	NM_000170	GLDC	glycine dehydrogenase (decarboxylating)	ENST00000321612	-0,66849557
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,668681675
A_33_P3334908	NM_145177	DHRX	dehydrogenase/reductase (SDR family) X-linked	ENST00000334651	-0,668917347
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,668941476
A_33_P3316147	NM_001005504	OR4F21	olfactory receptor, family 4, subfamily F, member 21	ENST00000320901	-0,669353153
A_23_P146551	NM_024761	MOB3B	MOB kinase activator 3B	ENST00000262244	-0,669684298
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,669720487
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,669907864
A_24_P159434	NM_007261	CD300A	CD300a molecule	ENST00000361933	-0,669954412
A_23_P46351	NM_006862	TDRKH	tudor and KH domain containing	ENST00000440583	-0,670039642
A_21_P0009346	TCONS_00025730	XLOC_012551			-0,670041958

A_33_P3353791	NM_181501	ITGA1	integrin, alpha 1	ENST00000506275	-0,670064989
A_21_P0010326	TCONS_00029312	XLOC_014110			-0,670071347
A_23_P65386	NM_023112	OTUB2	OTU domain, ubiquitin aldehyde binding 2	ENST00000203664	-0,67014351
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,670258548
A_23_P137665	NM_001276	CHI3L1	chitinase 3-like 1 (cartilage glycoprotein-39)	ENST00000404436	-0,670397598
A_33_P3446495	NM_015123	FRMD4B	FERM domain containing 4B	ENST00000542259	-0,670457802
A_23_P17012	NM_024583	SCRN3	secernin 3	ENST00000272732	-0,670495563
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,670584153
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,670641368
A_33_P3210488	NM_004369	COL6A3	collagen, type VI, alpha 3	ENST00000346358	-0,670672636
A_23_P201628	NM_002293	LAMC1	laminin, gamma 1 (formerly LAMB2)	ENST00000258341	-0,670799167
A_21_P0002950	TCONS_00005996	XLOC_002621			-0,670815652
A_23_P370682	NM_138456	BATF2	basic leucine zipper transcription factor, ATF-like 2	ENST00000527454	-0,67093416
A_23_P340333	NM_033397	ITPRIP	inositol 1,4,5-trisphosphate receptor interacting protein	ENST00000358187	-0,671207039
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,671263916
A_19_P00317053	TCONS_00012259	XLOC_005810			-0,671346782
A_23_P100141	NM_023076	UNKL	unkempt homolog (Drosophila)-like	ENST00000397464	-0,671356865
A_23_P200222	NM_033300	LRP8	low density lipoprotein receptor-related protein 8, apolipoprotein E receptor type 2 class B member 1	ENST00000306052	-0,671363229
A_21_P0012359	ENST00000423311	XLOC_I2_009539		ENST00000423311	-0,671410772
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,67146676
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,671487294
A_19_P00318904	XR_108784	LOC100507525			-0,6718008
A_24_P154948	NM_002047	GARS	glycyl-tRNA synthetase	ENST00000470392	-0,671915308
A_23_P57856	NM_001130845	BCL6	B-cell CLL/lymphoma 6	ENST00000419510	-0,671945922
A_23_P390172	NM_021133	RNASEL	ribonuclease L (2',5'-oligoadenylate synthetase-dependent)	ENST00000444138	-0,672223211
A_33_P3355090	NM_080656	CDKN2AIPNL	CDKN2A interacting protein N-terminal like	ENST00000458198	-0,672371059
A_33_P3454679	BU190374	HAB1	B1 for mucin		-0,672393975
A_23_P359043	NM_001004065	AKAP2	A kinase (PRKA) anchor protein 2	ENST00000374530	-0,672398274
A_23_P139669	NM_006931	SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3	ENST00000479059	-0,672443063

A_24_P60441	NM_153717	EVC	Ellis van Creveld syndrome	ENST00000264956	-0,672464283
A_23_P70007	NM_012484	HMMR	hyaluronan-mediated motility receptor (RHAMM)	ENST00000393915	-0,672659701
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,672911629
A_33_P3400258	NM_207321	C10orf129	chromosome 10 open reading frame 129	ENST00000404473	-0,673029401
A_23_P124122	NM_018663	PXMP2	peroxisomal membrane protein 2, 22kDa	ENST00000317479	-0,673078244
A_21_P0009619	AK127565	FLJ37638	uncharacterized LOC400660		-0,673112066
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000351004	-0,673346365
A_23_P69109	NM_021105	PLSCR1	phospholipid scramblase 1	ENST00000448205	-0,673405817
A_21_P0010522	ENST00000451482	XLOC_l2_000116		ENST00000451482	-0,673446813
A_23_P137391	NM_001428	ENO1	enolase 1, (alpha)	ENST00000464920	-0,673461413
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129	-0,673540434
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,673621975
A_33_P3231653	NM_016548	GOLM1	golgi membrane protein 1	ENST00000388711	-0,673740665
A_23_P160159	NM_003039	SLC2A5	solute carrier family 2 (facilitated glucose/fructose transpor	ENST00000377424	-0,673773187
A_21_P0005835	NR_038236	LOC100507632	uncharacterized LOC100507632	ENST00000499425	-0,674281548
A_21_P0010128	TCONS_00028722	XLOC_013827			-0,674318843
A_33_P3346338	NM_001145088	WDR67	WD repeat domain 67	ENST00000378080	-0,674565805
A_21_P0006859	TCONS_00018165	XLOC_008456			-0,674616871
A_32_P133072	NM_006108	SPON1	spondin 1, extracellular matrix protein	ENST00000533633	-0,674742195
A_23_P156826	NM_032744	C6orf105	chromosome 6 open reading frame 105	ENST00000514824	-0,674868196
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,675034259
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,675113038
A_23_P26629	NM_013258	PYCARD	PYD and CARD domain containing	ENST00000355986	-0,675321863
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,675350014
A_21_P0001646	TCONS_00001887	XLOC_001266			-0,675353338
A_23_P97932	NM_012228	MSRB2	methionine sulfoxide reductase B2	ENST00000468633	-0,675386586
A_21_P0014022	XM_003403500	RBSG2	retinoblastoma-specific gene 2		-0,675609189
A_33_P3414591	NM_000474	TWIST1	twist homolog 1 (Drosophila)	ENST00000354571	-0,675616796
A_23_P110052	NM_023067	FOXL2	forkhead box L2	ENST00000542203	-0,675866545

A_33_P3416286	NM_006047	RBM12	RNA binding motif protein 12	ENST00000359646	-0,675899297
A_23_P59637	NM_014705	DOCK4	dedicator of cytokinesis 4	ENST00000352877	-0,675928444
A_24_P278299	NM_024701	ASB13	ankyrin repeat and SOCS box containing 13	ENST00000459912	-0,675946607
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,676013988
A_23_P134477	NM_032350	C7orf50	chromosome 7 open reading frame 50	ENST00000397098	-0,676199539
A_21_P0010039	THC2657240	XLOC_013743			-0,676227942
A_21_P0013088	NM_004595	SMS	spermine synthase	ENST00000457085	-0,67639608
A_23_P126416	NM_005424	TIE1	tyrosine kinase with immunoglobulin-like and EGF-like dom	ENST00000433781	-0,676398039
A_23_P106405	NM_002487	NDN	necdin homolog (mouse)	ENST00000331837	-0,676545185
A_23_P97632	NM_004446	EPRS	glutamyl-prolyl-tRNA synthetase	ENST00000468487	-0,676666009
A_23_P381577	NM_145011	ZNF25	zinc finger protein 25	ENST00000302609	-0,676666762
A_21_P0011948	ENST00000439362	XLOC_I2_008203		ENST00000439362	-0,676839787
A_33_P3247331	ENST00000345015	KCNQ1	potassium voltage-gated channel, KQT-like subfamily, mem	ENST00000345015	-0,676921091
A_33_P3382177	NM_003255	TIMP2	TIMP metalloproteinase inhibitor 2	ENST00000262768	-0,677002302
A_23_P209678	NM_002664	PLEK	pleckstrin	ENST00000234313	-0,677010351
A_33_P3400334	AK127532	LOC100130372	uncharacterized LOC100130372		-0,677095135
A_33_P3333627	NM_030948	PHACTR1	phosphatase and actin regulator 1	ENST00000406205	-0,677325805
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,677557329
A_23_P50368	NM_206818	OSCAR	osteoclast associated, immunoglobulin-like receptor	ENST00000358375	-0,677702563
A_23_P106661	NM_052999	CMTM1	CKLF-like MARVEL transmembrane domain containing 1	ENST00000379490	-0,677992566
A_24_P541831	NR_026793	LINC00264	long intergenic non-protein coding RNA 264	ENST00000412114	-0,678203644
A_33_P3276678	NM_199425	VSX1	visual system homeobox 1	ENST00000376707	-0,678237665
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,678350996
A_33_P3280044	NM_013275	ANKRD11	ankyrin repeat domain 11	ENST00000378332	-0,67835671
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,678453316
A_33_P3261982	NM_000947	PRIM2	primase, DNA, polypeptide 2 (58kDa)	ENST00000389488	-0,678611228
A_32_P16258	ENST00000272427	EXOC6B	exocyst complex component 6B	ENST00000272427	-0,678639345
A_24_P69053	NM_001080477	ODZ3	odz, odd Oz/ten-m homolog 3 (Drosophila)	ENST00000406950	-0,678674737
A_23_P126278	NM_003465	CHIT1	chitinase 1 (chitotriosidase)	ENST00000484834	-0,678716537

A_32_P23624	NM_012089	ABCB10	ATP-binding cassette, sub-family B (MDR/TAP), member 10	ENST00000344517	-0,67876917
A_23_P155989	NM_022145	CENPK	centromere protein K	ENST00000242872	-0,678777658
A_23_P102864	NM_002772	TMPRSS15	transmembrane protease, serine 15	ENST00000284885	-0,678890708
A_33_P3288110	NM_001005476	PKP4	plakophilin 4	ENST00000389756	-0,678981772
A_33_P3240353	NM_017767	SLC39A4	solute carrier family 39 (zinc transporter), member 4	ENST00000276833	-0,679090323
A_33_P3266132	NM_198174	GRHL3	grainyhead-like 3 (Drosophila)	ENST00000350501	-0,679263539
A_23_P56734	NM_006895	HNMT	histamine N-methyltransferase	ENST00000485653	-0,679412875
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,679520383
A_23_P107421	NM_003258	TK1	thymidine kinase 1, soluble	ENST00000405273	-0,679647036
A_33_P3272209	NM_017694	MFSD6	major facilitator superfamily domain containing 6	ENST00000392328	-0,679721407
A_32_P30649	NM_004454	ETV5	ets variant 5	ENST00000306376	-0,680081148
A_23_P106405	NM_002487	NDN	necdin homolog (mouse)	ENST00000331837	-0,68022204
A_19_P00327406	TCONS_00014970	XLOC_007052			-0,680300191
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,680439291
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,680675524
A_23_P164773	NM_002002	FCER2	Fc fragment of IgE, low affinity II, receptor for (CD23)	ENST00000346664	-0,681003511
A_33_P3412349	NM_152943	ZNF268	zinc finger protein 268	ENST00000228289	-0,681607253
A_33_P3226080	NM_207103	C17orf87	chromosome 17 open reading frame 87	ENST00000399600	-0,681610109
A_24_P303199	NM_019087	ARL15	ADP-ribosylation factor-like 15	ENST00000504924	-0,681679145
A_21_P0002240	TCONS_00003732	XLOC_001527			-0,682074111
A_21_P0013210	TCONS_l2_0002592	XLOC_l2_013436			-0,682151729
A_24_P414269	NM_005787	ALG3	asparagine-linked glycosylation 3, alpha-1,3- mannosyltrans	ENST00000397676	-0,682151758
A_21_P0014155	XR_108629	LOC100129461	uncharacterized LOC100129461		-0,682229285
A_24_P398323	NM_001003827	TRIM34	tripartite motif containing 34	ENST00000495668	-0,682516733
A_23_P111361	NM_173672	PPIL6	peptidylprolyl isomerase (cyclophilin)-like 6	ENST00000521072	-0,682647202
A_24_P40529	NM_018196	TMLHE	trimethyllysine hydroxylase, epsilon	ENST00000334398	-0,682672574
A_24_P290751	NM_004416	DTX1	deltex homolog 1 (Drosophila)	ENST00000547974	-0,682819881
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,682849008
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,683108424

A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,683111552
A_23_P340848	NM_000960	PTGIR	prostaglandin I2 (prostacyclin) receptor (IP)	ENST00000291294	-0,683191315
A_23_P148194	NM_018269	ADI1	acireductone dioxygenase 1	ENST00000327435	-0,683429385
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,683437073
A_23_P430902	NM_178832	MORN4	MORN repeat containing 4	ENST00000335628	-0,68347269
A_23_P17855	NM_001039141	TRIOBP	TRIO and F-actin binding protein	ENST00000344404	-0,683780187
A_23_P106405	NM_002487	NDN	necdin homolog (mouse)	ENST00000331837	-0,684009153
A_23_P45059	NM_001380	DOCK1	dedicator of cytokinesis 1	ENST00000280333	-0,684045001
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,684064838
A_21_P0006150	TCONS_00016002	XLOC_007393			-0,68416462
A_23_P48669	NM_005192	CDKN3	cyclin-dependent kinase inhibitor 3	ENST00000555837	-0,68422439
A_24_P299685	NM_198389	PDPN	podoplanin	ENST00000487038	-0,684226234
A_21_P0012276	NM_014252	SLC25A15	solute carrier family 25 (mitochondrial carrier; ornithine tra	ENST00000379523	-0,684246071
A_23_P10385	NM_016448	DTL	denticleless homolog (Drosophila)	ENST00000475419	-0,684331801
A_33_P3258392	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,684533526
A_32_P135243	NM_015440	MTHFD1L	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000412301	-0,684567165
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,684686788
A_33_P3286536	NM_002033	FUT4	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloi	ENST00000358752	-0,684708648
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,684779387
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,684968468
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,685252334
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,685834754
A_23_P218086	NM_001143819	TPCN1	two pore segment channel 1	ENST00000541517	-0,685876254
A_33_P3242623	NM_014331	SLC7A11	solute carrier family 7 (anionic amino acid transporter light	ENST00000280612	-0,68603669
A_23_P146946	NM_001323	CST6	cystatin E/M	ENST00000312134	-0,686083236
A_33_P3341474	NM_001080412	ZBTB38	zinc finger and BTB domain containing 38	ENST00000514251	-0,686120222
A_21_P0006381	XR_108963	LOC100506414	uncharacterized LOC100506414	ENST00000413352	-0,686132157
A_21_P0000680	NR_037605	LOC100506046	uncharacterized LOC100506046	ENST00000416578	-0,686132564
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,686468573

A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,686749023
A_23_P85800	NM_001803	CD52	CD52 molecule	ENST00000374213	-0,68712442
A_21_P0003312	TCONS_00007354	XLOC_003400			-0,687187794
A_24_P417162	NM_005647	TBL1X	transducin (beta)-like 1X-linked	ENST00000217964	-0,687355634
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,687385692
A_24_P942112	AK001678	POLR1B	polymerase (RNA) I polypeptide B, 128kDa		-0,687537289
A_24_P314786	NM_022058	SLC4A10	solute carrier family 4, sodium bicarbonate transporter, me	ENST00000415711	-0,687543627
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,687634903
A_23_P99785	NM_024643	FAM164C	family with sequence similarity 164, member C	ENST00000439583	-0,687636156
A_23_P113748	NM_024697	ZNF385D	zinc finger protein 385D	ENST00000494118	-0,687727203
A_33_P3400903	NR_002227	DISC2	disrupted in schizopfhrenia 2 (non-protein coding)		-0,687892449
A_21_P0000893	NR_040051	LOC100506686	uncharacterized LOC100506686		-0,687973175
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,688080392
A_32_P138042	XR_132684	LOC100652805	uncharacterized LOC100652805		-0,688086537
A_33_P3284951	NM_006739	MCM5	minichromosome maintenance complex component 5	ENST00000455261	-0,688145375
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,688379406
A_23_P202071	NM_001025077	CELF2	CUGBP, Elav-like family member 2	ENST00000354440	-0,688553135
A_24_P109633	NM_001142594	ITPK1	inositol-tetrakisphosphate 1-kinase	ENST00000354313	-0,688741694
A_23_P140725	NM_014714	IFT140	intraflagellar transport 140 homolog (Chlamydomonas)	ENST00000426508	-0,689119485
A_33_P3318966	NM_173802	METTL20	methyltransferase like 20	ENST00000395763	-0,689171836
A_21_P0004854	TCONS_00011736	XLOC_005202			-0,689610271
A_19_P00316675	NR_033359	MEG3			-0,689660063
A_21_P0006705	ENST00000428766	XLOC_008619		ENST00000428766	-0,689746306
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,689762656
A_23_P38795	NM_002029	FPR1	formyl peptide receptor 1	ENST00000304748	-0,689884085
A_23_P101434	NM_033297	NLRP12	NLR family, pyrin domain containing 12	ENST00000391773	-0,689919962
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,690151159
A_23_P88331	NM_014750	DLGAP5	discs, large (Drosophila) homolog-associated protein 5	ENST00000247191	-0,690192778
A_23_P103310	NM_002963	S100A7	S100 calcium binding protein A7	ENST00000368723	-0,690277748

A_23_P215070	NM_018718	CEP41	centrosomal protein 41kDa	ENST00000223208	-0,690280129
A_23_P367816	NM_032167	SNX29	sorting nexin 29	ENST00000306030	-0,690301349
A_33_P3243683	NM_005219	DIAPH1	diaphanous homolog 1 (Drosophila)	ENST00000389057	-0,690411604
A_21_P0014938	XR_133412	LOC100505813	uncharacterized LOC100505813		-0,690634199
A_23_P396666	NM_015079	TBC1D2B	TBC1 domain family, member 2B	ENST00000300584	-0,690770841
A_23_P74609	NM_015714	G0S2	G0/G1switch 2	ENST00000367029	-0,690867539
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,691066327
A_23_P143987	NM_006395	ATG7	ATG7 autophagy related 7 homolog (S. cerevisiae)	ENST00000466605	-0,691080558
A_23_P413862	NM_020869	DCDC5	doublecortin domain containing 5	ENST00000303697	-0,691153297
A_23_P68851	NM_001039570	KREMEN1	kringle containing transmembrane protein 1	ENST00000400338	-0,691172658
A_23_P82047	NM_001127715	STXBP5	syntaxin binding protein 5 (tomosyn)	ENST00000367479	-0,691261772
A_33_P3224803	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000438106	-0,691328992
A_21_P0001766	NR_033831	UNQ6975	putative uncharacterized protein UNQ6975/PRO21958	ENST00000378479	-0,691450137
A_21_P0003549	NR_039975	LOC100506229	uncharacterized LOC100506229	ENST00000515864	-0,69169507
A_23_P99360	NM_213590	TRIM13	tripartite motif containing 13	ENST00000378182	-0,692014201
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,692402536
A_23_P329870	NM_024599	RHBDF2	rhomboid 5 homolog 2 (Drosophila)	ENST00000313080	-0,692483803
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,69251363
A_33_P3297155	NM_003616	GEMIN2	gem (nuclear organelle) associated protein 2	ENST00000525153	-0,692537198
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,692545007
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,692564398
A_33_P3322999	NM_001164375	C10orf105	chromosome 10 open reading frame 105	ENST00000398786	-0,692574825
A_23_P216766	NM_030940	ISCA1	iron-sulfur cluster assembly 1 homolog (S. cerevisiae)	ENST00000375991	-0,692582746
A_33_P3399718	XM_001716411	LOC128322	nuclear transport factor 2-like		-0,692688468
A_24_P323148	NM_182573	LYPD5	LY6/PLAUR domain containing 5	ENST00000377950	-0,693053882
A_21_P0010635	ENST00000418366	XLOC_I2_001011		ENST00000418366	-0,693064115
A_21_P0000958	ENST00000412797	XLOC_000101		ENST00000412797	-0,693083573
A_33_P3264846	NM_152703	SAMD9L	sterile alpha motif domain containing 9-like	ENST00000394472	-0,693436519
A_23_P147397	NM_001080463	DYNC2H1	dynein, cytoplasmic 2, heavy chain 1	ENST00000398093	-0,693541042

A_32_P169131	NM_019109	ALG1	asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase homolog (<i>S. cere</i>		-0,693620228
A_23_P23048	NM_002965	S100A9	S100 calcium binding protein A9	ENST00000368738	-0,693709652
A_23_P128351	NM_032680	EFCAB4B	EF-hand calcium binding domain 4B	ENST00000444507	-0,693746968
A_24_P217904	NM_033502	TRERF1	transcriptional regulating factor 1	ENST00000372922	-0,693763013
A_23_P90732	NM_001077399	PNKD	paroxysmal nonkinesigenic dyskinesia	ENST00000469689	-0,694070868
A_21_P0011983	ENST00000432711	XLOC_I2_008396		ENST00000432711	-0,69438209
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,694440647
A_33_P3333272	NM_001204210	TMEM235	transmembrane protein 235	ENST00000374946	-0,694580044
A_33_P3260373	NM_001204890	ISY1-RAB43	ISY1-RAB43 readthrough	ENST00000315150	-0,694856669
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,695001011
A_19_P00320343	ENST00000523946	XLOC_007052	0	ENST00000523946	-0,695113277
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,695191235
A_24_P319113	NM_002562	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7	ENST00000377162	-0,69528924
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,695294001
A_33_P3359856	ENST00000445782	MZT2A	mitotic spindle organizing protein 2A	ENST00000445782	-0,695418442
A_21_P0009949	XR_109653	LOC100505664	uncharacterized LOC100505664	ENST00000411595	-0,695516479
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,695529034
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,695702163
A_23_P74112	NM_170743	IL28RA	interleukin 28 receptor, alpha (interferon, lambda receptor)	ENST00000327535	-0,695760703
A_21_P0006504	THC2642571	XLOC_008005			-0,695775274
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,696093101
A_21_P0002334	THC2686815	XLOC_001788			-0,696140709
A_24_P295010	NM_004155	SERPINB9	serpin peptidase inhibitor, clade B (ovalbumin), member 9	ENST00000380698	-0,696213977
A_23_P6381	NM_002430	MN1	meningioma (disrupted in balanced translocation) 1	ENST00000302326	-0,696270557
A_33_P3252834	NM_012396	PHLDA3	pleckstrin homology-like domain, family A, member 3	ENST00000367309	-0,696331553
A_23_P61778	NM_022463	NXN	nucleoredoxin	ENST00000336868	-0,696363502
A_21_P0011091	THC2563806	XLOC_I2_003293			-0,696447871
A_33_P3349145	NM_012263	TTL1	tubulin tyrosine ligase-like family, member 1	ENST00000331018	-0,696791337
A_21_P0001233	ENST00000433058	XLOC_001230		ENST00000433058	-0,697161841

A_23_P99906	NM_199330	HOMER2	homer homolog 2 (Drosophila)	ENST00000304231	-0,697164943
A_33_P3383236	NM_198559	C2orf62	chromosome 2 open reading frame 62	ENST00000494447	-0,697194781
A_23_P166459	NM_002305	LGALS1	lectin, galactoside-binding, soluble, 1	ENST00000425542	-0,697267257
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,697308504
A_24_P95439	NM_001014437	CARS	cysteinyl-tRNA synthetase	ENST00000397114	-0,697350048
A_23_P117387	NM_054024	MIA2	melanoma inhibitory activity 2	ENST00000556784	-0,697482297
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,697502408
A_33_P3262694	XR_132608	LOC647086	chromosome 20 open reading frame 27 pseudogene		-0,697772968
A_24_P10233	NM_014326	DAPK2	death-associated protein kinase 2	ENST00000457488	-0,697834402
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,698059179
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,698095004
A_23_P34093	NM_000402	G6PD	glucose-6-phosphate dehydrogenase	ENST00000369620	-0,698262272
A_23_P216894	NM_001006617	MAPKAP1	mitogen-activated protein kinase associated protein 1	ENST00000373505	-0,698300885
A_23_P145895	NR_015381	TP53TG1	TP53 target 1 (non-protein coding)		-0,698410187
A_24_P944827	NM_006395	ATG7	ATG7 autophagy related 7 homolog (S. cerevisiae)	ENST00000354449	-0,698451154
A_23_P37391	NM_001144995	CCDC85C	coiled-coil domain containing 85C	ENST00000380243	-0,698555381
A_32_P47754	ENST00000431042	SLC2A14	solute carrier family 2 (facilitated glucose transporter), men	ENST00000431042	-0,699181215
A_33_P3301514	NM_001193582	NRCAM	neuronal cell adhesion molecule	ENST00000379022	-0,699555026
A_24_P362193	NM_003874	CD84	CD84 molecule	ENST00000368047	-0,699573875
A_21_P0012729	THC2524841	XLOC_I2_010723			-0,699679078
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,699700686
A_21_P0000547	NR_027767	TNIK	TRAF2 and NCK interacting kinase	ENST00000465393	-0,699899677
A_23_P304716	NM_019089	HES2	hairy and enhancer of split 2 (Drosophila)	ENST00000377834	-0,700446692
A_19_P00321317	THC2509656	Q39472			-0,700481687
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,700832795
A_23_P52031	NM_002633	PGM1	phosphoglucomutase 1	ENST00000538673	-0,700867687
A_33_P3268224	NM_145207	SPATA5	spermatogenesis associated 5		-0,70103353
A_24_P390668	NM_005892	FMNL1	formin-like 1	ENST00000539884	-0,701200404
A_24_P170726	AK094407	LOC645427	uncharacterized LOC645427		-0,701262629

A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,701304386
A_19_P00322426	NR_015364	LOC441204	uncharacterized LOC441204		-0,701431963
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,701455036
A_23_P162355	NM_018953	HOXC5	homeobox C5	ENST00000312492	-0,701550366
A_24_P334718	NM_181791	GPR141	G protein-coupled receptor 141	ENST00000334425	-0,701604148
A_23_P55319	NM_004475	FLOT2	flotillin 2	ENST00000394906	-0,701758133
A_23_P29680	NM_024046	CAMKV	CaM kinase-like vesicle-associated	ENST00000477224	-0,701759455
A_24_P14974	NM_182537	HTR3D	5-hydroxytryptamine (serotonin) receptor 3 family member	ENST00000428798	-0,701818814
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,702087883
A_24_P68783	NM_012275	IL36RN	interleukin 36 receptor antagonist	ENST00000393200	-0,702171687
A_33_P3589420	BC070394	LOC387810	uncharacterized LOC387810	ENST00000525984	-0,702406797
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,702528228
A_33_P3423949	NM_005189	CBX2	chromobox homolog 2	ENST00000310942	-0,702672459
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,702810527
A_24_P382187	NM_001552	IGFBP4	insulin-like growth factor binding protein 4	ENST00000269593	-0,702841614
A_21_P0007658	THC2663796	XLOC_009937			-0,702939504
A_23_P307968	NM_052836	CDH23	cadherin-related 23	ENST00000398842	-0,703129439
A_33_P3222653	NR_033938	LOC100131366	uncharacterized LOC100131366		-0,703306935
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,703418086
A_23_P421306	NM_177963	SYT12	synaptotagmin XII	ENST00000393946	-0,703516512
A_23_P145984	NM_012338	TSPAN12	tetraspanin 12	ENST00000222747	-0,703529745
A_23_P6263	NM_002463	MX2	myxovirus (influenza virus) resistance 2 (mouse)	ENST00000330714	-0,703690183
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,703725077
A_33_P3416574	NM_016108	AIG1	androgen-induced 1	ENST00000367601	-0,703791274
A_24_P114255	NM_138799	MBOAT2	membrane bound O-acyltransferase domain containing 2	ENST00000305997	-0,703824678
A_23_P61280	NM_012133	COPG2	coatamer protein complex, subunit gamma 2	ENST00000425248	-0,703867983
A_23_P503182	NM_021962	ABR	active BCR-related gene	ENST00000291107	-0,704094813
A_23_P119562	NM_001928	CFD	complement factor D (adipsin)	ENST00000327726	-0,704162641
A_33_P3236177	NM_001145	ANG	angiogenin, ribonuclease, RNase A family, 5	ENST00000336811	-0,704330154

A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,704388762
A_33_P3404014	NM_001013646	C20orf107	chromosome 20 open reading frame 107	ENST00000371325	-0,704552175
A_33_P3253687	NR_003945	GVINP1	GTPase, very large interferon inducible pseudogene 1		-0,70460105
A_33_P3219279	NM_032452	JPH4	junctophilin 4	ENST00000543864	-0,704759117
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,704819774
A_33_P3275350	NM_014286	NCS1	neuronal calcium sensor 1	ENST00000372398	-0,704886866
A_33_P3283780	NM_015898	ZBTB7A	zinc finger and BTB domain containing 7A	ENST00000322357	-0,704944089
A_23_P34835	NM_005572	LMNA	lamin A/C	ENST00000368301	-0,705050559
A_23_P314145	NM_005715	UST	uronyl-2-sulfotransferase	ENST00000367463	-0,705212872
A_19_P00319981	ENST00000436710	LOC100506119		ENST00000436710	-0,705302743
A_33_P3290780	NM_001185156	IL24	interleukin 24	ENST00000491169	-0,705333902
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,705958177
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,706020111
A_21_P0013134	ENST00000435946	XLOC_I2_012605		ENST00000435946	-0,706148453
A_23_P160154	NM_000403	GALE	UDP-galactose-4-epimerase	ENST00000418277	-0,706235275
A_33_P3361422	NM_000784	CYP27A1	cytochrome P450, family 27, subfamily A, polypeptide 1	ENST00000494263	-0,706352278
A_23_P83751	NM_024806	C11orf63	chromosome 11 open reading frame 63	ENST00000227349	-0,706542587
A_23_P155857	NM_198041	NUDT6	nudix (nucleoside diphosphate linked moiety X)-type motif 6	ENST00000502270	-0,706836781
A_21_P0012671	TCONS_I2_0002119	XLOC_I2_011173			-0,706915232
A_33_P3338928	NM_001343	DAB2	disabled homolog 2, mitogen-responsive phosphoprotein (1)	ENST00000320816	-0,707110595
A_33_P3254380	NR_033801	SLC9A7P1	solute carrier family 9 (sodium/hydrogen exchanger), member 7	ENST00000328306	-0,707369353
A_23_P344194	NM_001013635	C12orf68	chromosome 12 open reading frame 68	ENST00000316554	-0,707449984
A_23_P382045	NM_020245	TULP4	tubby like protein 4	ENST00000367097	-0,707472377
A_23_P77590	NM_018052	VAC14	Vac14 homolog (<i>S. cerevisiae</i>)	ENST00000536184	-0,707498812
A_23_P434809	NM_002964	S100A8	S100 calcium binding protein A8	ENST00000368733	-0,707548786
A_23_P77918	NM_006041	HS3ST3B1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	ENST00000360954	-0,707559746
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,707607157
A_24_P372625	NM_016422	RNF141	ring finger protein 141	ENST00000534281	-0,707752356
A_23_P205778	NM_016194	GNB5	guanine nucleotide binding protein (G protein), beta 5	ENST00000358784	-0,70786001

A_24_P386622	NM_004041	ARRB1	arrestin, beta 1	ENST00000360025	-0,707970442
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,707985863
A_33_P3343045	ENST00000393235	CALHM2	calcium homeostasis modulator 2	ENST00000393235	-0,708095958
A_21_P0002741	BC039681	XLOC_002652			-0,708137876
A_33_P3304668	NM_000088	COL1A1	collagen, type I, alpha 1	ENST00000225964	-0,708275588
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,70827614
A_33_P3339961	NM_178547	ZBTB80S	zinc finger and BTB domain containing 8 opposite strand	ENST00000373506	-0,708282415
A_23_P124190	NM_130390	TRIM34	tripartite motif containing 34	ENST00000491385	-0,708374535
A_23_P211039	NM_006988	ADAMTS1	ADAM metalloproteinase with thrombospondin type 1 motif	ENST00000464589	-0,70840294
A_23_P152462	NM_052874	STX1B	syntaxin 1B	ENST00000215095	-0,708817686
A_24_P402588	NM_018014	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000489516	-0,708901538
A_33_P3372466	NM_138501	TECR	trans-2,3-enoyl-CoA reductase	ENST00000444365	-0,709002345
A_23_P154806	NM_012156	EPB41L1	erythrocyte membrane protein band 4.1-like 1	ENST00000373951	-0,709039441
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,709098448
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,709181712
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,709309334
A_23_P412562	NM_174896	C1orf162	chromosome 1 open reading frame 162	ENST00000369718	-0,709666633
A_24_P316257	NM_176677	NHLRC4	NHL repeat containing 4	ENST00000424439	-0,709782693
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,709831711
A_23_P113613	NM_022842	CDCP1	CUB domain containing protein 1	ENST00000296129	-0,709987382
A_21_P0011968	TCONS_I2_0001490	XLOC_I2_008270			-0,710134396
A_23_P53198	NM_032564	DGAT2	diacylglycerol O-acyltransferase 2	ENST00000532657	-0,710156611
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,710537204
A_33_P3390042	NR_015409	LOC143188	uncharacterized LOC143188		-0,710710889
A_21_P0008584	TCONS_00023300	XLOC_011169			-0,710912212
A_19_P00322118	NR_037875	LOC728730	uncharacterized LOC728730	ENST00000422128	-0,710948971
A_32_P170003	NM_015650	TRAF3IP1	TNF receptor-associated factor 3 interacting protein 1	ENST00000391993	-0,711190297
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,711258065
A_23_P116765	NM_002289	LALBA	lactalbumin, alpha-	ENST00000301046	-0,711430224

A_23_P145874	NM_152703	SAMD9L	sterile alpha motif domain containing 9-like	ENST00000411955	-0,71159987
A_24_P497318	AF007131	LOC100129973	uncharacterized LOC100129973		-0,711632696
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,711638146
A_23_P34788	NM_006845	KIF2C	kinesin family member 2C	ENST00000372218	-0,711653626
A_21_P0006498	THC2714876	XLOC_007992			-0,711900525
A_23_P113613	NM_022842	CDCP1	CUB domain containing protein 1	ENST00000296129	-0,711953122
A_33_P3332396	NM_024587	TMEM53	transmembrane protein 53	ENST00000372243	-0,711954198
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,712142462
A_33_P3304372	NM_018342	TMEM144	transmembrane protein 144	ENST00000511532	-0,712296913
A_24_P204244	NR_001562	ANXA2P1	annexin A2 pseudogene 1		-0,712326789
A_23_P36397	NM_000785	CYP27B1	cytochrome P450, family 27, subfamily B, polypeptide 1	ENST00000228606	-0,712573889
A_23_P45871	NM_006820	IFI44L	interferon-induced protein 44-like	ENST00000476521	-0,712710708
A_23_P98763	NM_145309	LRTOMT	leucine rich transmembrane and O-methyltransferase domain	ENST00000538413	-0,713317178
A_33_P3377364	NM_000213	ITGB4	integrin, beta 4	ENST00000200181	-0,71357185
A_33_P3342081	NM_001198	PRDM1	PR domain containing 1, with ZNF domain	ENST00000369096	-0,713670874
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,713873891
A_33_P3219384	NR_024385	LOC151300	uncharacterized LOC151300		-0,713914778
A_23_P70213	NM_000038	APC	adenomatous polyposis coli	ENST00000508376	-0,714012527
A_19_P00322184	ENST00000436710	LOC100506119		ENST00000436710	-0,714134087
A_21_P0011205	ENST00000444795	XLOC_I2_003840		ENST00000444795	-0,714361644
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,714430257
A_24_P915692	NM_007350	PHLDA1	pleckstrin homology-like domain, family A, member 1	ENST00000266671	-0,714491893
A_23_P316974	NM_003898	SYNJ2	synaptojanin 2	ENST00000367122	-0,714639335
A_33_P3326387	NM_173463	CCDC149	coiled-coil domain containing 149	ENST00000382116	-0,714687313
A_21_P0003322	ENST00000509964	XLOC_003897		ENST00000509964	-0,71501219
A_23_P49060	NM_181642	SPINT1	serine peptidase inhibitor, Kunitz type 1	ENST00000431806	-0,715023394
A_23_P357794	NM_022045	MTBP	Mdm2, transformed 3T3 cell double minute 2, p53 binding protein	ENST00000305949	-0,715127917
A_23_P38468	NM_014604	TAX1BP3	Tax1 (human T-cell leukemia virus type I) binding protein 3	ENST00000550383	-0,71513291
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,715261622

A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,715438231
A_21_P0005762	TCONS_00014852	XLOC_006918			-0,715590402
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,715611425
A_19_P00318495	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,715612535
A_33_P3392525	NM_001661	ARL4D	ADP-ribosylation factor-like 4D	ENST00000320033	-0,715679032
A_23_P348524	NM_001007125	C20orf201	chromosome 20 open reading frame 201	ENST00000308906	-0,715681365
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,715689309
A_33_P3350508	NM_001080432	FTO	fat mass and obesity associated	ENST00000460382	-0,715917763
A_24_P171268	NM_182663	RASSF5	Ras association (RalGDS/AF-6) domain family member 5	ENST00000304534	-0,715979838
A_23_P56249	NM_001281	TBCB	tubulin folding cofactor B	ENST00000221855	-0,716049259
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,716105532
A_21_P0012484	TCONS_I2_0001971	XLOC_I2_010511			-0,71616144
A_21_P0007456	ENST00000526612	XLOC_009349		ENST00000526612	-0,716365742
A_21_P0004108	ENST00000512978	XLOC_004747		ENST00000512978	-0,716412352
A_33_P3209476	NM_031443	CCM2	cerebral cavernous malformation 2	ENST00000541586	-0,716479363
A_32_P75284	NM_032116	KATNAL1	katanin p60 subunit A-like 1	ENST00000380615	-0,716518893
A_19_P00805954	TCONS_00011660	XLOC_005143			-0,716665416
A_33_P3382924	NM_003118	SPARC	secreted protein, acidic, cysteine-rich (osteonectin)	ENST00000231061	-0,716685501
A_24_P82630	NM_015295	SMCHD1	structural maintenance of chromosomes flexible hinge dom	ENST00000320876	-0,716862544
A_21_P0013306	NM_007270	FKBP9	FK506 binding protein 9, 63 kDa	ENST00000472007	-0,717254675
A_33_P3228305	NM_015071	ARHGAP26	Rho GTPase activating protein 26	ENST00000378004	-0,717348316
A_33_P3212232	NM_001039396	MPEG1	macrophage expressed 1	ENST00000361050	-0,717421961
A_32_P149298	NM_001129993	KIAA1841	KIAA1841	ENST00000453873	-0,717439636
A_33_P3390793	NM_001017397	TRIM36	tripartite motif containing 36	ENST00000379618	-0,71745008
A_24_P372217	NM_007175	ERLIN2	ER lipid raft associated 2	ENST00000276461	-0,717518176
A_33_P3289621	AK090602	LOC283143	uncharacterized LOC283143		-0,717596613
A_24_P941759	NM_017769	G2E3	G2/M-phase specific E3 ubiquitin protein ligase	ENST00000206595	-0,717777465
A_23_P21976	NM_001897	CSPG4	chondroitin sulfate proteoglycan 4	ENST00000308508	-0,717808699
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,717997134

A_23_P200030	NM_003838	FPGT	fuco-1-phosphate guanylyltransferase	ENST00000370898	-0,718331574
A_33_P3375934	NM_005746	NAMPT	nicotinamide phosphoribosyltransferase	ENST00000222553	-0,718365325
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENST00000216121	-0,718392235
A_33_P3210735	NM_001005210	LRRC55	leucine rich repeat containing 55	ENST00000497933	-0,718427154
A_24_P586523	NM_019109	ALG1	asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase	ENST00000533775	-0,71859134
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,718643532
A_24_P295806	NM_023947	CHID1	chitinase domain containing 1	ENST00000528426	-0,71885743
A_24_P32085	NM_024761	MOB3B	MOB kinase activator 3B	ENST00000262244	-0,719067294
A_33_P3349651	NM_015055	SWAP70	SWAP switching B-cell complex 70kDa subunit	ENST00000318950	-0,719094676
A_21_P0013840	NR_039991	LOC100507404	uncharacterized LOC100507404	ENST00000433624	-0,719568969
A_24_P153568	NM_001039396	MPEG1	macrophage expressed 1	ENST00000361050	-0,719596814
A_23_P17065	NM_004591	CCL20	chemokine (C-C motif) ligand 20	ENST00000473642	-0,71991467
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,719944355
A_23_P304991	NM_000411	HLC5	holocarboxylase synthetase (biotin-(propionyl-CoA-carboxylase)	ENST00000399120	-0,720132965
A_24_P185709	NM_012156	EPB41L1	erythrocyte membrane protein band 4.1-like 1	ENST00000344237	-0,720149449
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,720277517
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,720512617
A_24_P385313	NM_002840	PTPRF	protein tyrosine phosphatase, receptor type, F	ENST00000359947	-0,720581225
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,72070706
A_33_P3300975	NM_014620	HOXC4	homeobox C4	ENST00000430889	-0,720723302
A_21_P0013479	TCONS_I2_0002775; XLOC_I2_014197				-0,721193123
A_33_P3229032	NM_002975	CLEC11A	C-type lectin domain family 11, member A	ENST00000445858	-0,721193967
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,721194766
A_32_P32856	NM_032407	PCDHGC5	protocadherin gamma subfamily C, 5	ENST00000252087	-0,721221697
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,721317891
A_33_P3281283	NM_005226	S1PR3	sphingosine-1-phosphate receptor 3	ENST00000375846	-0,721375742
A_19_P00318494	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,721406881
A_23_P165598	NM_001017920	DAPL1	death associated protein-like 1	ENST00000309950	-0,72151469
A_23_P166087	NM_014737	RASSF2	Ras association (RalGDS/AF-6) domain family member 2	ENST00000379376	-0,721567492

A_33_P3687198	AK094730	LOC283454	uncharacterized LOC283454		-0,721822019
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,721942718
A_33_P3376636	NM_001017989	OPA3	optic atrophy 3 (autosomal recessive, with chorea and spas	ENST00000323060	-0,721953835
A_33_P3347452	NM_021135	RPS6KA2	ribosomal protein S6 kinase, 90kDa, polypeptide 2	ENST00000510118	-0,722059344
A_33_P3299915	NR_040045	FLJ35424	uncharacterized FLJ35424	ENST00000404649	-0,722110215
A_23_P406350	NM_138431	MFSD3	major facilitator superfamily domain containing 3	ENST00000301327	-0,722233118
A_33_P3330826	NR_033937	LOC100132077	uncharacterized LOC100132077		-0,722548632
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,722628909
A_33_P3229477	NM_173496	MPP7	membrane protein, palmitoylated 7 (MAGUK p55 subfamily)	ENST00000337532	-0,722759644
A_21_P0012224	ENST00000449602	XLOC_I2_009140		ENST00000449602	-0,722865678
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,722989787
A_21_P0012101	ENST00000432711	XLOC_I2_008396		ENST00000432711	-0,723152265
A_32_P186027	NM_006305	ANP32A	acidic (leucine-rich) nuclear phosphoprotein 32 family, member 1	ENST00000409628	-0,723156067
A_21_P0000803	NR_038434	LOC100506474	uncharacterized LOC100506474	ENST00000425974	-0,723168654
A_24_P324405	NM_013275	ANKRD11	ankyrin repeat domain 11	ENST00000330736	-0,723638825
A_23_P31996	NM_033051	SLC46A2	solute carrier family 46, member 2	ENST00000374228	-0,723669434
A_33_P3271111	NM_004148	NINJ1	ninjurin 1	ENST00000489274	-0,723740502
A_32_P117170	NM_001122838	NAPEPLD	N-acyl phosphatidylethanolamine phospholipase D	ENST00000341533	-0,723748715
A_33_P3369336	NM_002054	GCG	glucagon	ENST00000375497	-0,723764929
A_23_P207387	NM_032484	GHDC	GH3 domain containing	ENST00000301671	-0,723832293
A_33_P3305758	NM_001747	CAPG	capping protein (actin filament), gelsolin-like	ENST00000415012	-0,723836539
A_21_P0013613	TCONS_I2_0002916	XLOC_I2_015090			-0,723847012
A_21_P0012521	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000416764	-0,723853687
A_24_P226008	NM_007283	MGLL	monoglyceride lipase	ENST00000536024	-0,7238874
A_33_P3411427	NM_001129730	ZNF837	zinc finger protein 837	ENST00000427624	-0,724031108
A_23_P52761	NM_002423	MMP7	matrix metalloproteinase 7 (matrilysin, uterine)	ENST00000260227	-0,724137086
A_24_P348806	NM_175058	PLEKHA7	pleckstrin homology domain containing, family A member 7	ENST00000448080	-0,724562736
A_23_P110624	NM_001332	CTNND2	catenin (cadherin-associated protein), delta 2 (neural plakophilin-3 associated domain-containing protein 2)	ENST00000538638	-0,724913768
A_32_P69802	NM_134431	SLCO1A2	solute carrier organic anion transporter family, member 1A	ENST00000452078	-0,725137648

A_33_P3213707	NM_025239	PDCD1LG2	programmed cell death 1 ligand 2	ENST00000397745	-0,725321232
A_24_P82074	NM_017437	CPSF2	cleavage and polyadenylation specific factor 2, 100kDa	ENST00000298875	-0,72541595
A_23_P360302	NM_001522	GUCY2F	guanylate cyclase 2F, retinal	ENST00000218006	-0,725642005
A_24_P59494	NM_020367	PARP11	poly (ADP-ribose) polymerase family, member 11	ENST00000228820	-0,725711335
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,726007933
A_21_P0003822	TCONS_00008717	XLOC_004231			-0,726255096
A_33_P3266863	NM_024587	TMEM53	transmembrane protein 53	ENST00000372237	-0,726541517
A_21_P0014410	ENST00000442637	LOC100507459		ENST00000442637	-0,726742349
A_21_P0014627	XR_110765	LOC100510007	uncharacterized LOC100510007		-0,727355134
A_24_P54131	NM_022836	DCLRE1B	DNA cross-link repair 1B	ENST00000369563	-0,727879452
A_33_P3410351	NM_000848	GSTM2	glutathione S-transferase mu 2 (muscle)	ENST00000476040	-0,728185238
A_33_P3416787	XR_132931	LOC100653080	zinc finger protein 182-like		-0,728317563
A_21_P0000629	NR_034072	SARS	seryl-tRNA synthetase		-0,728581377
A_23_P163639	NM_013275	ANKRD11	ankyrin repeat domain 11	ENST00000378330	-0,728725483
A_23_P66117	NM_032039	ITFG3	integrin alpha FG-GAP repeat containing 3	ENST00000301678	-0,729258156
A_21_P0009339	TCONS_00025704	XLOC_012530			-0,729301292
A_23_P110462	NM_013340	PCDHB1	protocadherin beta 1	ENST00000306549	-0,729548795
A_23_P79108	NM_138813	ATP8B3	ATPase, aminophospholipid transporter, class I, type 8B, me	ENST00000531925	-0,729887898
A_23_P97457	NM_022831	AIDA	axin interactor, dorsalization associated	ENST00000355727	-0,729890999
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,730042221
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,730192113
A_23_P55477	NM_000676	ADORA2B	adenosine A2b receptor	ENST00000304222	-0,731335789
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,731380771
A_23_P389102	NM_015194	MYO1D	myosin ID	ENST00000318217	-0,731804732
A_33_P3399228	NM_032808	LINGO1	leucine rich repeat and Ig domain containing 1	ENST00000355300	-0,731878104
A_32_P75264	NM_178505	TMEM26	transmembrane protein 26	ENST00000399298	-0,732201092
A_24_P941148	NM_017645	HAUS6	HAUS augmin-like complex, subunit 6	ENST00000380502	-0,732270421
A_32_P9543	NM_145699	APOBEC3A	apolipoprotein B mRNA editing enzyme, catalytic polypepti	ENST00000402255	-0,732306195
A_19_P00322173	ENST00000454160	XLOC_007602		ENST00000454160	-0,732441966

A_23_P26557	NM_025108	C16orf59	chromosome 16 open reading frame 59	ENST00000483320	-0,732473962
A_23_P118246	NM_016095	GIN52	GIN5 complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,73257652
A_23_P361940	NM_003874	CD84	CD84 molecule	ENST00000368054	-0,732604719
A_21_P0005052	TCONS_00012260	XLOC_005811			-0,732778781
A_23_P86900	NM_006876	B3GNT1	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase	ENST00000311181	-0,732815014
A_23_P153640	NM_032139	ANKRD27	ankyrin repeat domain 27 (VPS9 domain)	ENST00000306065	-0,732913456
A_24_P116606	NM_130791	WWOX	WW domain containing oxidoreductase	ENST00000355860	-0,73323259
A_33_P3243907	NM_001909	CTSD	cathepsin D	ENST00000433655	-0,733285689
A_23_P35399	NM_145869	ANXA11	annexin A11	ENST00000537102	-0,733889247
A_23_P423197	NM_002957	RXRA	retinoid X receptor, alpha	ENST00000356384	-0,733906112
A_33_P3235568	NM_001206540	CAPZB	capping protein (actin filament) muscle Z-line, beta	ENST00000375142	-0,733944311
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,734443623
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,734747999
A_23_P48803	NM_014548	TMOD2	tropomodulin 2 (neuronal)	ENST00000539962	-0,734770716
A_33_P3318117	NM_000765	CYP3A7	cytochrome P450, family 3, subfamily A, polypeptide 7	ENST00000292414	-0,734776505
A_21_P0013881	TCONS_I2_0003090	XLOC_I2_015893			-0,735039753
A_24_P416997	NM_145641	APOL3	apolipoprotein L, 3	ENST00000397287	-0,735144886
A_21_P0012728	ENST00000508572	XLOC_I2_010697		ENST00000508572	-0,735240204
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,735859277
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibitory	ENST00000351004	-0,735915393
A_23_P397341	NM_152341	PAQR4	progesterone and adipoQ receptor family member IV	ENST00000293978	-0,735957095
A_33_P3336760	NM_018849	ABCB4	ATP-binding cassette, sub-family B (MDR/TAP), member 4	ENST00000265723	-0,736747517
A_23_P216655	NM_014788	TRIM14	tripartite motif containing 14	ENST00000341469	-0,736863099
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,737089597
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,737099242
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,737129974
A_33_P3832872	NR_033995	LOC389247	uncharacterized LOC389247		-0,737166174
A_23_P350512	NM_021641	ADAM12	ADAM metalloproteinase domain 12	ENST00000368676	-0,737258392
A_23_P50250	NM_001824	CKM	creatine kinase, muscle	ENST00000221476	-0,737368626

A_23_P393880	NM_020340	KIAA1244	KIAA1244	ENST00000251691	-0,737500613
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,737557033
A_33_P3360728	NM_000713	BLVRB	biliverdin reductase B (flavin reductase (NADPH))	ENST00000263368	-0,737677389
A_23_P334955	NM_053279	FAM167A	family with sequence similarity 167, member A	ENST00000284486	-0,737919762
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,738190645
A_23_P148446	NM_003336	UBE2A	ubiquitin-conjugating enzyme E2A	ENST00000371569	-0,738190695
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,738251622
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,738329269
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,738504318
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,738759397
A_23_P62890	NM_002053	GBP1	guanylate binding protein 1, interferon-inducible	ENST00000370473	-0,738858517
A_33_P3287631	NM_147780	CTSB	cathepsin B	ENST00000434271	-0,739059801
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,739235844
A_23_P258393	NM_144641	PPM1M	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1M	ENST00000323588	-0,739366183
A_21_P0010882	ENST00000443523	XLOC_l2_001986		ENST00000443523	-0,7396006
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,739613823
A_24_P150486	NM_004863	SPTLC2	serine palmitoyltransferase, long chain base subunit 2	ENST00000216484	-0,739675941
A_33_P3424067	NM_017635	SUV420H1	suppressor of variegation 4-20 homolog 1 (Drosophila)	ENST00000304363	-0,739907074
A_24_P349965	NM_007109	TCF19	transcription factor 19	ENST00000400401	-0,740100523
A_23_P37983	NM_005947	MT1B	metallothionein 1B	ENST00000334346	-0,740108612
A_21_P0004544	TCONS_00010853	XLOC_004670			-0,740470337
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,740704305
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,740732505
A_23_P24616	NM_170601	SIAE	sialic acid acetyltransferase	ENST00000545756	-0,740797432
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,740817674
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,740889815
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,741331446
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,741439049
A_24_P753476	NR_002942	LOC340508	growth arrest-specific 2 like 1 pseudogene		-0,74146126

A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,741594742
A_23_P38784	NM_014385	SIGLEC7	sialic acid binding Ig-like lectin 7	ENST00000317643	-0,741598131
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,741658863
A_33_P3270514	NR_003679	NBLA00301	Nbla00301	ENST00000512246	-0,741666959
A_21_P0004215	BC035069	XLOC_004268			-0,741873905
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,742072683
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,742119865
A_33_P3268532	NM_001018073	PCK2	phosphoenolpyruvate carboxykinase 2 (mitochondrial)	ENST00000396973	-0,742281181
A_23_P60248	NM_003329	TXN	thioredoxin	ENST00000487892	-0,742348259
A_23_P366366	NM_014766	SCRN1	secernin 1	ENST00000426154	-0,74236659
A_24_P247026	NM_001008226	FAM154B	family with sequence similarity 154, member B	ENST00000339465	-0,742607647
A_23_P420256	NM_021925	C2orf43	chromosome 2 open reading frame 43	ENST00000237822	-0,742616006
A_21_P0011685	TCONS_I2_0001242(XLOC_I2_006665				-0,742749542
A_23_P129014	NM_145231	EFCAB11	EF-hand calcium binding domain 11	ENST00000553871	-0,742798063
A_23_P61127	NM_024122	APOO	apolipoprotein O	ENST00000490078	-0,743166905
A_33_P3305482	NM_020365	EIF2B3	eukaryotic translation initiation factor 2B, subunit 3 gamma	ENST00000360403	-0,743176122
A_21_P0000186	NM_001242812	LOC284385	uncharacterized LOC284385		-0,743318178
A_33_P3315425	NM_022840	METTL4	methyltransferase like 4	ENST00000319888	-0,743704959
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,743713884
A_33_P3242863	NM_020201	NT5M	5',3'-nucleotidase, mitochondrial	ENST00000389022	-0,743717302
A_21_P0005938	TCONS_00015286	XLOC_006821			-0,743854033
A_23_P126752	NM_004930	CAPZB	capping protein (actin filament) muscle Z-line, beta	ENST00000375145	-0,744071019
A_23_P79231	NM_134442	CREB1	cAMP responsive element binding protein 1	ENST00000432329	-0,744780754
A_23_P200489	NM_014698	TMEM63A	transmembrane protein 63A	ENST00000366835	-0,744814111
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,744818871
A_23_P302550	NM_130782	RGS18	regulator of G-protein signaling 18	ENST00000367460	-0,744917478
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,744962214
A_21_P0002866	ENST00000484675	XLOC_003190		ENST00000484675	-0,745036672
A_24_P407930	NM_031216	SEH1L	SEH1-like (<i>S. cerevisiae</i>)	ENST00000262124	-0,7451036

A_23_P315571	NM_015150	RFTN1	raftlin, lipid raft linker 1	ENST00000334133	-0,745180093
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,745224879
A_23_P67847	NM_024572	GALNT14	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyltransferase 14	ENST00000356174	-0,745274812
A_33_P3638471	BC027954	TRGV7	T cell receptor gamma variable 7 (pseudogene)		-0,745327483
A_21_P0007486	ENST00000400306	XLOC_009791		ENST00000400306	-0,745638661
A_24_P318656	NM_000212	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	ENST00000262017	-0,745755689
A_23_P306890	NM_007195	POLI	polymerase (DNA directed) iota	ENST00000217800	-0,745854625
A_33_P3249037	ENST00000370354	PRRG3	proline rich Gla (G-carboxyglutamic acid) 3 (transmembrane protein)	ENST00000370354	-0,746162277
A_21_P0009570	THC2717186	XLOC_012875			-0,746162914
A_21_P0007227	TCONS_00019361	XLOC_009187			-0,746347734
A_23_P18692	NM_000671	ADH5	alcohol dehydrogenase 5 (class III), chi polypeptide	ENST00000296412	-0,746506868
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,746554549
A_33_P3286278	NM_002087	GRN	granulin	ENST00000053867	-0,746684122
A_21_P0002377	AK096937	LOC285191	uncharacterized LOC285191	ENST00000407635	-0,747034742
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,747450129
A_21_P0014947	ENST00000541151	LOC100507404		ENST00000541151	-0,747457297
A_33_P3226810	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,747503075
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,747839921
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,748360612
A_23_P358009	NM_015291	DNAJC16	DnaJ (Hsp40) homolog, subfamily C, member 16	ENST00000475133	-0,748562574
A_21_P0008673	TCONS_00023505	XLOC_011350			-0,748616003
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,748684504
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,748966279
A_23_P75769	NM_024021	MS4A4A	membrane-spanning 4-domains, subfamily A, member 4	ENST00000529991	-0,749104658
A_24_P597190	NR_027503	LOC100133050	glucuronidase, beta pseudogene		-0,749236223
A_33_P3286146	NR_033652	LOC100132891	uncharacterized LOC100132891	ENST00000457356	-0,749249972
A_23_P372946	NM_138461	TM4SF19	transmembrane 4 L six family member 19	ENST00000442633	-0,749260352
A_33_P3242649	NM_031217	KIF18A	kinesin family member 18A	ENST00000263181	-0,749317951
A_23_P218412	NM_004890	SPAG7	sperm associated antigen 7	ENST00000206020	-0,749380802

A_21_P0003482	ENST00000510169	XLOC_004002		ENST00000510169	-0,749492267
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,749972628
A_23_P151059	NM_018088	FAM90A1	family with sequence similarity 90, member A1	ENST00000538603	-0,750062492
A_32_P52911	NM_018269	ADI1	acireductone dioxygenase 1	ENST00000327435	-0,75010352
A_23_P500130	NM_153186	KANK1	KN motif and ankyrin repeat domains 1	ENST00000382289	-0,750329032
A_23_P210176	NM_000210	ITGA6	integrin, alpha 6	ENST00000264107	-0,750559512
A_33_P3418170	NM_014314	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	ENST00000379882	-0,750637645
A_23_P371729	NM_005266	GJA5	gap junction protein, alpha 5, 40kDa	ENST00000369237	-0,750722077
A_23_P29005	NM_022136	SAMSN1	SAM domain, SH3 domain and nuclear localization signals 1	ENST00000400566	-0,750827446
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,751066813
A_23_P134078	NM_004824	CDYL	chromodomain protein, Y-like	ENST00000328908	-0,751274093
A_33_P3251552	NM_001029871	RSPO4	R-spondin 4	ENST00000217260	-0,751377037
A_21_P0014077	NR_040772	LOC100505666	uncharacterized LOC100505666	ENST00000452962	-0,751935987
A_23_P145606	NM_001006630	CHRM2	cholinergic receptor, muscarinic 2	ENST00000320658	-0,752026593
A_23_P78543	NM_005498	AP1M2	adaptor-related protein complex 1, mu 2 subunit	ENST00000250244	-0,752400963
A_33_P3312686	NM_198512	DGAT2L6	diacylglycerol O-acyltransferase 2-like 6		-0,752795221
A_23_P165624	NM_007115	TNFAIP6	tumor necrosis factor, alpha-induced protein 6	ENST00000460812	-0,752831704
A_23_P208334	NM_006202	PDE4A	phosphodiesterase 4A, cAMP-specific	ENST00000419866	-0,752910431
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,752984818
A_23_P31896	NM_003033	ST3GAL1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1	ENST00000522652	-0,75307085
A_33_P3234202	NM_004944	DNASE1L3	deoxyribonuclease I-like 3	ENST00000394549	-0,753138479
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,753301056
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,753307035
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,75332159
A_23_P134854	NM_194284	CLDN23	claudin 23	ENST00000519106	-0,753516309
A_24_P618401	NR_034121	LOC100131067	uncharacterized LOC100131067	ENST00000501927	-0,753615914
A_21_P0002506	TCONS_00004454	XLOC_002331			-0,753693603
A_33_P3291176	NM_001017921	VMAC	vimentin-type intermediate filament associated coiled-coil |	ENST00000339485	-0,753757956
A_21_P0003020	TCONS_00006187	XLOC_002788			-0,753889387

A_23_P79251	NM_014600	EHD3	EH-domain containing 3	ENST00000541626	-0,754086464
A_23_P74895	NM_024674	LIN28A	lin-28 homolog A (C. elegans)	ENST00000254231	-0,754173053
A_19_P00322314	ENST00000514050	XLOC_I2_011173		ENST00000514050	-0,754931462
A_24_P48204	NM_003004	SECTM1	secreted and transmembrane 1	ENST00000269389	-0,754949387
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,75495303
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,754995509
A_23_P359245	NM_000245	MET	met proto-oncogene (hepatocyte growth factor receptor)	ENST00000397752	-0,755127701
A_23_P137931	NM_000677	ADORA3	adenosine A3 receptor	ENST00000241356	-0,755212977
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,755234338
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,755300258
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,75550604
A_33_P3348782	NM_030622	CYP2S1	cytochrome P450, family 2, subfamily S, polypeptide 1	ENST00000301173	-0,755585376
A_21_P0010947	ENST00000443523	XLOC_I2_001986		ENST00000443523	-0,75576651
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,756320124
A_23_P39375	NM_018316	KLHL26	kelch-like 26 (Drosophila)	ENST00000300976	-0,756328394
A_21_P0013589	XR_108989	LOC100507540	uncharacterized LOC100507540		-0,756399743
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca++ transporting, plasma membrane 4	ENST00000341360	-0,756488352
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,756571755
A_33_P3240018	NM_000922	PDE3B	phosphodiesterase 3B, cGMP-inhibited	ENST00000282096	-0,7571814
A_21_P0013652	TCONS_I2_0002934	XLOC_I2_015213			-0,757252141
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,757545396
A_33_P3467126	NM_033107	GTPBP10	GTP-binding protein 10 (putative)	ENST00000257659	-0,757690236
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,757730267
A_21_P0008685	TCONS_00023533	XLOC_011368			-0,757768065
A_24_P322354	NM_001039535	SKA1	spindle and kinetochore associated complex subunit 1	ENST00000398452	-0,757933238
A_21_P0011831	TCONS_I2_0001385	XLOC_I2_007456			-0,757966644
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,758002491
A_23_P55251	NM_002204	ITGA3	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor)	ENST00000505306	-0,758643839
A_21_P0005592	ENST00000480919	XLOC_006326		ENST00000480919	-0,758665644

A_32_P197489	NM_015995	KLF13	Kruppel-like factor 13	ENST00000307145	-0,758797335
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,758808058
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,759211059
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,759274899
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,759343479
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,759431192
A_23_P73097	NM_170587	RGS20	regulator of G-protein signaling 20	ENST00000276500	-0,759441347
A_33_P3246763	NM_001166579	AANAT	aralkylamine N-acetyltransferase	ENST00000250615	-0,759772389
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,760604371
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,760724592
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,760729668
A_21_P0009568	TCONS_00026546	XLOC_012866			-0,760937007
A_33_P3418394	NM_004707	ATG12	ATG12 autophagy related 12 homolog (S. cerevisiae)	ENST00000509910	-0,761732055
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,762055811
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,76220224
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,762274899
A_23_P256473	NM_006379	SEMA3C	sema domain, immunoglobulin domain (Ig), short basic don	ENST00000265361	-0,762629089
A_24_P83738	NM_198188	ASTN2	astrotactin 2	ENST00000361477	-0,762738431
A_21_P0002968	TCONS_00006076	XLOC_002690			-0,762795376
A_33_P3369567	NM_001242932	LSP1	lymphocyte-specific protein 1	ENST00000484895	-0,762984934
A_32_P345659	NM_194293	XIRP1	xin actin-binding repeat containing 1	ENST00000421646	-0,763111349
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,763188317
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,763189902
A_33_P3369371	NM_002084	GPX3	glutathione peroxidase 3 (plasma)	ENST00000388825	-0,76330655
A_23_P149813	NM_012425	RSU1	Ras suppressor protein 1	ENST00000377921	-0,763761903
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,763796467
A_23_P406025	NM_015225	PRUNE2	prune homolog 2 (Drosophila)	ENST00000428286	-0,763849944
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,763871145
A_23_P20392	NM_015310	PSD3	pleckstrin and Sec7 domain containing 3	ENST00000440756	-0,76404446

A_21_P0013590	XR_108989	LOC100507540	uncharacterized LOC100507540		-0,764101968
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,764260655
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,764443545
A_24_P122403	NM_003198	TCEB3	transcription elongation factor B (SIII), polypeptide 3 (110kD)	ENST00000418390	-0,764460624
A_33_P3253249	NM_002032	FTH1	ferritin, heavy polypeptide 1	ENST00000534180	-0,764641541
A_23_P422071	NM_003782	B3GALT4	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 4	ENST00000383209	-0,764746244
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,764831111
A_33_P3409139	NR_015409	LOC143188	uncharacterized LOC143188		-0,764969216
A_33_P3309621	NR_002804	SIGLECP3	sialic acid binding Ig-like lectin, pseudogene 3	ENST00000341811	-0,765054866
A_21_P0006726	ENST00000418372	XLOC_008700		ENST00000418372	-0,765113677
A_32_P85539	NM_013320	HCFC2	host cell factor C2		-0,765462359
A_23_P94412	NM_025239	PDCD1LG2	programmed cell death 1 ligand 2	ENST00000397747	-0,765705222
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,765706058
A_24_P81900	NM_006931	SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3	ENST00000486749	-0,765873647
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,766032899
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,766126067
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,766337819
A_33_P3261710	NR_015446	FTLP10	ferritin, light polypeptide pseudogene 10	ENST00000503647	-0,766724895
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,766787975
A_23_P887	NM_014002	IKBKE	inhibitor of kappa light polypeptide gene enhancer in B-cells 1 epsilon	ENST00000537984	-0,76709531
A_32_P70135	NM_025138	PROSER1	proline and serine rich 1	ENST00000350125	-0,76726248
A_23_P138725	NM_031484	MARVELD1	MARVEL domain containing 1	ENST00000285605	-0,767389514
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,767557542
A_33_P3259890	NR_033932	FLJ35946	uncharacterized protein FLJ35946	ENST00000515003	-0,767685043
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,768154137
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,768223745
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,768517357
A_33_P3250133	NM_019086	VSIG10	V-set and immunoglobulin domain containing 10	ENST00000359236	-0,768678002
A_23_P300033	NM_006206	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	ENST00000257290	-0,769144998

A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,769388679
A_33_P3340769	NM_003816	ADAM9	ADAM metallopeptidase domain 9		-0,769401649
A_24_P39101	NM_031954	KCTD10	potassium channel tetramerisation domain containing 10	ENST00000228495	-0,769405205
A_23_P212159	NM_024923	NUP210	nucleoporin 210kDa	ENST00000254508	-0,76947565
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,769772728
A_21_P0012179	TCONS_I2_0001713:XLOC_I2_009134				-0,769782337
A_21_P0000568	NR_028471	LOC644649	apolipoprotein O pseudogene		-0,769902202
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,770092504
A_23_P200728	NM_000569	FCGR3A	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	ENST00000426740	-0,770392776
A_21_P0006902	AK023036	LINC00263	long intergenic non-protein coding RNA 263		-0,770485965
A_33_P3389023	NM_024592	SRD5A3	steroid 5 alpha-reductase 3	ENST00000264228	-0,770807245
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,771314496
A_21_P0003409	ENST00000515860	XLOC_003709		ENST00000515860	-0,771452965
A_33_P3787635	NR_036595	LOC440600	uncharacterized LOC440600		-0,771495098
A_21_P0000160	NM_138461	TM4SF19	transmembrane 4 L six family member 19	ENST00000273695	-0,771628036
A_21_P0001128	ENST00000420876	XLOC_000822		ENST00000420876	-0,771642398
A_21_P0009712	BC034565	XLOC_013043			-0,771822362
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,772047351
A_21_P0006987	ENST00000457255	XLOC_008777		ENST00000457255	-0,772299613
A_19_P00320846	NR_015439	LOC550112	uncharacterized LOC550112		-0,77270172
A_23_P422981	NM_174899	FBXO36	F-box protein 36	ENST00000283946	-0,772703703
A_21_P0007740	BF674433	XLOC_010152			-0,772833163
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,772997015
A_23_P344555	NM_006403	NEDD9	neural precursor cell expressed, developmentally down-reg	ENST00000448183	-0,773017638
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,77307263
A_24_P401645	NM_001128126	AP4S1	adaptor-related protein complex 4, sigma 1 subunit	ENST00000542754	-0,773349845
A_23_P146644	NM_001002857	ANXA2	annexin A2	ENST00000421017	-0,773444422
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,77350714
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,773601411

A_24_P76649	NM_198281	GPRIN3	GPRIN family member 3	ENST00000333209	-0,773720742
A_23_P92909	NM_205841	SPINK6	serine peptidase inhibitor, Kazal type 6	ENST00000325630	-0,774201712
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,774244486
A_21_P0013470	NR_027425	FAM66D	family with sequence similarity 66, member D	ENST00000434078	-0,774463859
A_24_P294842	NM_000332	ATXN1	ataxin 1	ENST00000450222	-0,774522978
A_21_P0012769	ENST00000506292	XLOC_I2_011062		ENST00000506292	-0,774730241
A_19_P00318323	NR_015410	LINC00340	long intergenic non-protein coding RNA 340		-0,774767172
A_33_P3236798	NM_080823	SRMS	src-related kinase lacking C-terminal regulatory tyrosine an	ENST00000217188	-0,774874207
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000351004	-0,775189966
A_33_P3531979	AK097496	LOC283352	uncharacterized LOC283352		-0,775645836
A_33_P3381313	NM_001109977	FAM160A1	family with sequence similarity 160, member A1	ENST00000505231	-0,775683527
A_24_P279489	NM_001128159	VPS53	vacuolar protein sorting 53 homolog (S. cerevisiae)	ENST00000437048	-0,776088156
A_23_P258612	NM_016529	ATP8A2	ATPase, aminophospholipid transporter, class I, type 8A, m	ENST00000544544	-0,776175005
A_21_P0008595	TCONS_00023313	XLOC_011181			-0,776199846
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,776308849
A_33_P3240787	XR_108893	LOC100131910	uncharacterized LOC100131910		-0,776416841
A_23_P256413	NM_138410	CMTM7	CKLF-like MARVEL transmembrane domain containing 7	ENST00000464689	-0,776553878
A_19_P00319900	ENST00000509244	Q952V6		ENST00000509244	-0,776688303
A_23_P259611	NM_016616	TXNDC3	thioredoxin domain containing 3 (spermatzoa)	ENST00000476435	-0,77701934
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,777733369
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,777932676
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,778089533
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,778108879
A_23_P50108	NM_006101	NDC80	NDC80 homolog, kinetochore complex component (S. cerev	ENST00000261597	-0,778115498
A_19_P00802546	NM_207318	FAM199X		ENST00000493442	-0,778271832
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,77828696
A_23_P351295	NM_153612	HS3ST5	heparan sulfate (glucosamine) 3-O-sulfotransferase 5	ENST00000312719	-0,778479163
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,778492855
A_21_P0000166	NM_001205281	LOC100506012	serine/threonine-protein phosphatase 5-like		-0,778495735

A_33_P3326767	XR_110123	LOC100129597	uncharacterized LOC100129597		-0,778533371
A_23_P141715	NM_015476	C18orf10	chromosome 18 open reading frame 10	ENST00000334295	-0,778542289
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,778781599
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,778838757
A_23_P132644	NM_020792	NCEH1	neutral cholesterol ester hydrolase 1	ENST00000538775	-0,779119205
A_24_P921321	NM_002843	PTPRJ	protein tyrosine phosphatase, receptor type, J	ENST00000278456	-0,779136466
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,779420382
A_21_P0012398	TCONS_I2_0001886;XLOC_I2_009888				-0,779450161
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,779527954
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,779903577
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,780008751
A_23_P48175	NM_024056	TMEM106C	transmembrane protein 106C	ENST00000449758	-0,780155805
A_33_P3290343	NM_000104	CYP1B1	cytochrome P450, family 1, subfamily B, polypeptide 1	ENST00000407341	-0,780373842
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,780585277
A_23_P361544	NM_173815	CES4A	carboxylesterase 4A	ENST00000544478	-0,780717775
A_33_P3230548	NM_014875	KIF14	kinesin family member 14	ENST00000367350	-0,780788185
A_23_P138680	NM_172200	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-0,780867732
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,781032535
A_23_P133474	NM_002084	GPX3	glutathione peroxidase 3 (plasma)	ENST00000458211	-0,781186212
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,781277179
A_23_P35219	NM_002497	NEK2	NIMA (never in mitosis gene a)-related kinase 2	ENST00000462283	-0,781347805
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,781384162
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,782068292
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,782178538
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,782338868
A_21_P0004271	ENST00000508366	ATP6AP1L	ATPase, H+ transporting, lysosomal accessory protein 1-like	ENST00000508366	-0,782889892
A_33_P3361067	NM_004827	ABCG2	ATP-binding cassette, sub-family G (WHITE), member 2	ENST00000237612	-0,783574484
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,783668054
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,78376102

A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,783904651
A_23_P125082	NM_002199	IRF2	interferon regulatory factor 2	ENST00000393593	-0,784159758
A_33_P3346663	NM_004069	AP2S1	adaptor-related protein complex 2, sigma 1 subunit	ENST00000263270	-0,784895364
A_23_P74359	NM_004078	CSRP1	cysteine and glycine-rich protein 1	ENST00000340006	-0,785413473
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,786180394
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,786214508
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,78649197
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,78663098
A_33_P3409477	NM_032873	UBASH3B	ubiquitin associated and SH3 domain containing B	ENST00000284273	-0,786775868
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,787086849
A_24_P111242	NM_148893	SVIP	small VCP/p97-interacting protein	ENST00000354193	-0,787186186
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,787595931
A_23_P259692	NM_058179	PSAT1	phosphoserine aminotransferase 1	ENST00000376588	-0,787658417
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,787956638
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,788008352
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,788315715
A_33_P3614398	AK096235	LOC283516	uncharacterized LOC283516		-0,788362088
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,7885311
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,788607052
A_21_P0010853	TCONS_I2_0000337(XLOC_I2_001841				-0,788668634
A_23_P144916	NM_005110	GFPT2	glutamine-fructose-6-phosphate transaminase 2	ENST00000253778	-0,788711933
A_23_P423482	NM_152450	FAM81A	family with sequence similarity 81, member A	ENST00000288228	-0,788740507
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,788772635
A_23_P123071	NM_001233	CAV2	caveolin 2	ENST00000498493	-0,789199444
A_21_P0012056	ENST00000436187	XLOC_I2_007884		ENST00000436187	-0,78925609
A_21_P0010043	TCONS_00028408	XLOC_013759			-0,78936517
A_24_P489164	AY358202	LOC100131943	uncharacterized LOC100131943		-0,789432168
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,789460193
A_24_P304051	NM_004832	GSTO1	glutathione S-transferase omega 1	ENST00000493946	-0,789634675

A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,789817976
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,790259131
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,790402132
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,79064802
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,790680358
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,791027998
A_23_P200396	NM_019118	TMEM234	transmembrane protein 234	ENST00000484490	-0,791269103
A_21_P0000948	ENST00000424487	XLOC_000048		ENST00000424487	-0,791335657
A_32_P342064	NM_002032	FTH1	ferritin, heavy polypeptide 1	ENST00000534180	-0,791396272
A_24_P940517	NM_016297	PCYOX1	prenylcysteine oxidase 1	ENST00000433351	-0,791703428
A_23_P33364	NM_001009555	SH3D19	SH3 domain containing 19	ENST00000514152	-0,791774323
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,792338132
A_21_P0013038	TCONS_I2_0002443	XLOC_I2_012727			-0,792875623
A_33_P3382423	NM_182498	ZNF428	zinc finger protein 428	ENST00000300811	-0,792906858
A_33_P3345210	NM_001164407	TLCD2	TLC domain containing 2	ENST00000330676	-0,792998078
A_23_P157865	NM_002160	TNC	tenascin C	ENST00000350763	-0,793276905
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,793753922
A_21_P0000646	NR_034148	LOC283143	uncharacterized LOC283143		-0,793997458
A_21_P0007956	ENST00000424165	XLOC_010466		ENST00000424165	-0,794064013
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,79410651
A_23_P140373	NM_017791	FLVCR2	feline leukemia virus subgroup C cellular receptor family, m	ENST00000238667	-0,794257921
A_21_P0013701	AK095210	XLOC_I2_014850			-0,794313297
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,794656538
A_33_P3275510	NM_152504	C20orf196	chromosome 20 open reading frame 196	ENST00000303142	-0,795081301
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,795174657
A_23_P254842	NM_012080	HDHD1	haloacid dehalogenase-like hydrolase domain containing 1	ENST00000544385	-0,795220058
A_33_P3734384	AK097526	LOC285957	uncharacterized LOC285957		-0,795553018
A_32_P111306	NR_027072	LINC00189	long intergenic non-protein coding RNA 189	ENST00000431661	-0,795700889
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,795799177

A_24_P323114	NR_001446	ANXA2P3	annexin A2 pseudogene 3		-0,795867377
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,796020258
A_23_P202345	NM_032804	ADO	2-aminoethanethiol (cysteamine) dioxygenase	ENST00000373783	-0,796497087
A_33_P3278318	NM_012228	MSRB2	methionine sulfoxide reductase B2	ENST00000376510	-0,796535784
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,796864053
A_33_P3283430	NM_025229	SEL1L2	sel-1 suppressor of lin-12-like 2 (C. elegans)	ENST00000423870	-0,796895917
A_33_P3251776	NM_001142777	HSD3B7	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid	ENST00000262520	-0,796916073
A_23_P399078	NM_000362	TIMP3	TIMP metalloproteinase inhibitor 3	ENST00000266085	-0,797149322
A_24_P365526	NM_002110	HCK	hemopoietic cell kinase	ENST00000375862	-0,797307262
A_21_P0014427	ENST00000441316	LOC100506544		ENST00000441316	-0,797415962
A_24_P206343	NM_033054	MYO1G	myosin IG	ENST00000488554	-0,797486891
A_33_P3239405	NM_016456	TMEM9	transmembrane protein 9	ENST00000414605	-0,797653626
A_24_P82466	NM_201433	GAS7	growth arrest-specific 7	ENST00000323816	-0,798647996
A_21_P0013796	NM_002032	FTH1	ferritin, heavy polypeptide 1	ENST00000534719	-0,798829453
A_23_P108492	NM_138395	MARS2	methionyl-tRNA synthetase 2, mitochondrial	ENST00000499940	-0,79905311
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,799604674
A_24_P365975	NM_005202	COL8A2	collagen, type VIII, alpha 2	ENST00000397799	-0,799642953
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,7997145
A_33_P3331831	XM_003403663	DKFZp451A211	DKFZp451A211 protein		-0,800143334
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,800365634
A_24_P235429	NM_005502	ABCA1	ATP-binding cassette, sub-family A (ABC1), member 1	ENST00000374736	-0,80052514
A_21_P0010998	THC2636507	XLOC_I2_002469			-0,80075749
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,801184966
A_24_P123119	NM_001966	EHHADH	enoyl-CoA, hydratase/3-hydroxyacyl CoA dehydrogenase	ENST00000231887	-0,801265504
A_33_P3217465	NM_021242	MID1IP1	MID1 interacting protein 1 (gastrulation specific G12 homol	ENST00000378474	-0,801769529
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,801834241
A_33_P3360167	NM_001004731	OR5AU1	olfactory receptor, family 5, subfamily AU, member 1	ENST00000304418	-0,802211983
A_23_P139704	NM_001946	DUSP6	dual specificity phosphatase 6	ENST00000279488	-0,802221203
A_23_P403991	NM_024080	TRPM8	transient receptor potential cation channel, subfamily M, m	ENST00000324695	-0,802331787

A_21_P0004772	ENST00000452675	XLOC_005810		ENST00000452675	-0,802657363
A_23_P157404	NM_001283	AP1S1	adaptor-related protein complex 1, sigma 1 subunit	ENST00000337619	-0,802711533
A_21_P0000647	NR_034156	LGALS17A	Charcot-Leyden crystal protein pseudogene		-0,802734607
A_33_P3289596	NM_014971	EFR3B	EFR3 homolog B (<i>S. cerevisiae</i>)	ENST00000403714	-0,802887797
A_23_P412029	NM_144709	PUS10	pseudouridylate synthase 10		-0,802887874
A_33_P3407985	NM_001195386	TMEM99	transmembrane protein 99	ENST00000301665	-0,802993309
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,803376062
A_23_P319583	NM_014747	RIMS3	regulating synaptic membrane exocytosis 3	ENST00000372684	-0,803617686
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,803657608
A_23_P153853	NM_001398	ECH1	enoyl CoA hydratase 1, peroxisomal	ENST00000221418	-0,803860852
A_33_P3415551	NM_207328	GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	ENST00000377137	-0,80407935
A_32_P204676	NM_001444	FABP5	fatty acid binding protein 5 (psoriasis-associated)	ENST00000486269	-0,804289303
A_23_P105862	NM_023037	FRY	furry homolog (<i>Drosophila</i>)	ENST00000380257	-0,804327295
A_23_P213375	NM_018936	PCDHB2	protocadherin beta 2	ENST00000194155	-0,804426482
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,804788688
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,804974989
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,805021757
A_33_P3379091	NM_145731	SYNGR1	synaptogyrin 1		-0,805401114
A_32_P66881	NM_138554	TLR4	toll-like receptor 4		-0,805442079
A_23_P113748	NM_024697	ZNF385D	zinc finger protein 385D	ENST00000494118	-0,805507789
A_23_P257971	NM_001353	AKR1C1	aldo-keto reductase family 1, member C1 (dihydrodiol dehydrogenase)	ENST00000460124	-0,805602988
A_23_P404091	NM_152407	GRPEL2	GrpE-like 2, mitochondrial (<i>E. coli</i>)	ENST00000507562	-0,80562082
A_23_P105862	NM_023037	FRY	furry homolog (<i>Drosophila</i>)	ENST00000380257	-0,805795134
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,806039435
A_23_P311144	NM_144978	CCDC138	coiled-coil domain containing 138	ENST00000409529	-0,806093301
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,806159181
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-0,806358426
A_23_P139600	NM_004658	RASAL1	RAS protein activator like 1 (GAP1 like)	ENST00000446861	-0,806372784
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,80673589

A_33_P3257903	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370959	-0,806878941
A_23_P88643	NM_001005241	OR4N4	olfactory receptor, family 4, subfamily N, member 4	ENST00000328795	-0,80689689
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,807270748
A_23_P139418	NM_198516	GALNTL4	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000227756	-0,807431229
A_19_P00317144	AK096731	XLOC_005595	0		-0,807646752
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,807734681
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,807775272
A_21_P0000688	NR_037841	MACROD2-AS1	MACROD2 antisense RNA 1 (non-protein coding)	ENST00000455291	-0,808102547
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,808151318
A_21_P0013767	BC048131	LOC550643	uncharacterized LOC550643		-0,808226182
A_33_P3304382	NM_152416	C8orf38	chromosome 8 open reading frame 38	ENST00000396124	-0,808488393
A_24_P22050	NM_017817	RAB20	RAB20, member RAS oncogene family	ENST00000267328	-0,808708819
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,808712722
A_23_P106024	NM_002226	JAG2	jagged 2	ENST00000546616	-0,808776704
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,809278234
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,809719064
A_21_P0003903	TCONS_00009149	XLOC_004134			-0,809726711
A_21_P0011264	ENST00000554945	XLOC_I2_004371		ENST00000554945	-0,809845243
A_33_P3415191	NM_005603	ATP8B1	ATPase, aminophospholipid transporter, class I, type 8B, mε	ENST00000536015	-0,809860408
A_23_P302672	BC013592	DDIT4L	DNA-damage-inducible transcript 4-like		-0,809998771
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,810104701
A_33_P3347281	NM_001024075	HNMT	histamine N-methyltransferase	ENST00000329366	-0,8101074
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,810656673
A_33_P3412613	NM_001032283	TMPO	thymopoietin	ENST00000393053	-0,810929255
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,811764447
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,812029753
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,812130278
A_24_P152968	NM_001353	AKR1C1	aldo-keto reductase family 1, member C1 (dihydrodiol dehy	ENST00000434459	-0,812690371
A_19_P00315518	ENST00000427157	XLOC_005810		ENST00000427157	-0,813358172

A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 'ENST00000545925	-0,814031657
A_21_P0012633	TCONS_I2_0002089(XLOC_I2_010947			-0,814045528
A_23_P44244	NM_003069	SMARCA1	SWI/SNF related, matrix associated, actin dependent regula	-0,814275738
A_23_P122924	NM_002192	INHBA	inhibin, beta A	-0,814319731
A_21_P0003118	TCONS_00006511	XLOC_003125		-0,814369146
A_24_P388433	NM_002718	PPP2R3A	protein phosphatase 2, regulatory subunit B", alpha	-0,814416152
A_33_P3354322	NM_201397	GPX1	glutathione peroxidase 1	-0,814589298
A_19_P00316135	NR_027252	CYP1B1-AS1		-0,815092259
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	-0,815101592
A_23_P34307	NM_005482	PIGK	phosphatidylinositol glycan anchor biosynthesis, class K	-0,815201102
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	-0,815623412
A_32_P117354	NM_014988	LIMCH1	LIM and calponin homology domains 1	-0,815783932
A_23_P11644	NM_006945	SPRR2D	small proline-rich protein 2D	-0,815841935
A_33_P3617190	AK124119	LOC651337	uncharacterized LOC651337	-0,815894031
A_23_P122924	NM_002192	INHBA	inhibin, beta A	-0,815903156
A_33_P3272921	NM_005224	ARID3A	AT rich interactive domain 3A (BRIGHT-like)	-0,815952131
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 'ENST00000545925	-0,816230145
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	-0,816330724
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	-0,816432916
A_23_P148327	NM_005183	CACNA1F	calcium channel, voltage-dependent, L type, alpha 1F subur	-0,817424805
A_33_P3210099	NM_020778	ALPK3	alpha-kinase 3	-0,817468533
A_24_P106357	NM_139281	WDR36	WD repeat domain 36	-0,817682416
A_33_P3299416	NM_181711	GRASP	GRP1 (general receptor for phosphoinositides 1)-associated	-0,817953757
A_21_P0003571	TCONS_00007983	XLOC_003453		-0,818252862
A_23_P133123	NM_032117	MND1	meiotic nuclear divisions 1 homolog (S. cerevisiae)	-0,818526641
A_21_P0007489	XR_110328	LOC100507616	uncharacterized LOC100507616	-0,819026512
A_21_P0009332	TCONS_00025695	XLOC_012515		-0,819040368
A_23_P45234	NM_153380	ZNF41	zinc finger protein 41	-0,819384462
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	-0,819526023

A_21_P0000869	NR_039975	LOC100506229	uncharacterized LOC100506229		-0,820185979
A_21_P0007201	ENST00000533358	HSD17B12	hydroxysteroid (17-beta) dehydrogenase 12	ENST00000533358	-0,820310531
A_24_P220454	NM_181552	CUX1	cut-like homeobox 1	ENST00000360264	-0,820399671
A_23_P435407	NM_001448	GPC4	glypican 4	ENST00000536418	-0,820664133
A_33_P3570218	NR_038990	LOC339926	uncharacterized LOC339926	ENST00000417720	-0,820799297
A_24_P314571	AK075287	SPC24	SPC24, NDC80 kinetochore complex component, homolog (S. cerevisiae)		-0,820947232
A_23_P212423	NM_005108	XYLB	xylulokinase homolog (H. influenzae)	ENST00000207870	-0,82105282
A_21_P0007666	TCONS_00020644	XLOC_009944			-0,821117083
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,821142959
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,821345227
A_21_P0008704	TCONS_00023572	XLOC_011396			-0,821348631
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,821417557
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase,	ENST00000545925	-0,821594079
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase,	ENST00000545925	-0,822051364
A_24_P257579	NM_022140	EPB41L4A	erythrocyte membrane protein band 4.1 like 4A	ENST00000515047	-0,822189245
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,822200131
A_23_P142075	NM_001611	ACP5	acid phosphatase 5, tartrate resistant	ENST00000218758	-0,822451942
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase,	ENST00000545925	-0,822569677
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,82314386
A_32_P128391	NR_038842	LOC728431	uncharacterized LOC728431	ENST00000424989	-0,82323097
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,823233548
A_23_P133956	NM_002263	KIFC1	kinesin family member C1	ENST00000480346	-0,824582587
A_23_P26954	NM_006373	VAT1	vesicle amine transport protein 1 homolog (T. californica)	ENST00000542468	-0,82464037
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,824732244
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,824738911
A_24_P565556	NM_019109	ALG1	asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase homolog (S. cere		-0,825218291
A_32_P43812	NM_001040402	DCUN1D4	DCN1, defective in cullin neddylation 1, domain containing	ENST00000477560	-0,825668068
A_33_P3271755	NM_031244	SIRT5	sirtuin 5	ENST00000379250	-0,825909722
A_23_P65230	NM_032813	TMTC4	transmembrane and tetratricopeptide repeat containing 4	ENST00000342624	-0,825999828

A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 'ENST00000545925	-0,82622372
A_23_P167599	NM_001034850	FAM134B	family with sequence similarity 134, member B	-0,826249462
A_23_P122924	NM_002192	INHBA	inhibin, beta A	-0,826399035
A_23_P73837	NM_138636	TLR8	toll-like receptor 8	-0,826495008
A_23_P16523	NM_004864	GDF15	growth differentiation factor 15	-0,826701928
A_33_P3247042	NM_002030	FPR3	formyl peptide receptor 3	-0,826826609
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	-0,82688409
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	-0,826998598
A_23_P61487	NM_018205	LRRC20	leucine rich repeat containing 20	-0,827026435
A_24_P305570	NM_018993	RIN2	Ras and Rab interactor 2	-0,827214293
A_24_P253818	NM_004475	FLOT2	flotillin 2	-0,827789085
A_33_P3409099	NM_000332	ATXN1	ataxin 1	-0,827974337
A_23_P139500	NM_030762	BHLHE41	basic helix-loop-helix family, member e41	-0,828206618
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	-0,828311627
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 'ENST00000545925	-0,828648087
A_24_P58337	NM_002032	FTH1	ferritin, heavy polypeptide 1	-0,828796841
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H ENST00000490885	-0,829033928
A_23_P165136	NM_145256	LRRC25	leucine rich repeat containing 25	-0,82915863
A_23_P101871	NM_024907	FBXO17	F-box protein 17	-0,82918725
A_23_P8961	NM_000880	IL7	interleukin 7	-0,829194636
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	-0,82941838
A_33_P3298810	NM_005304	FFAR3	free fatty acid receptor 3	-0,829955719
A_21_P0004268	TCONS_00010003	XLOC_004439		-0,830238185
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H ENST00000490885	-0,830251259
A_32_P405759	NM_152888	COL22A1	collagen, type XXII, alpha 1	-0,830437036
A_23_P127288	NM_000417	IL2RA	interleukin 2 receptor, alpha	-0,830620919
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	-0,831667723
A_21_P0012097	AK023515	XLOC_I2_008343		-0,83194738
A_23_P203540	NM_012153	EHF	ets homologous factor	-0,831956008

A_23_P253692	NM_001079858	GPR64	G protein-coupled receptor 64	ENST00000356606	-0,831997984
A_23_P333218	NM_001031711	ERGIC1	endoplasmic reticulum-golgi intermediate compartment (ER	ENST00000523215	-0,832432371
A_24_P12397	NM_018965	TREM2	triggering receptor expressed on myeloid cells 2	ENST00000373122	-0,83258037
A_23_P200138	NM_020125	SLAMF8	SLAM family member 8	ENST00000289707	-0,832684743
A_23_P19657	NM_032832	LRP11	low density lipoprotein receptor-related protein 11	ENST00000239367	-0,83302776
A_23_P151075	NM_001175	ARHGDI3	Rho GDP dissociation inhibitor (GDI) beta	ENST00000228945	-0,83303186
A_24_P411749	NM_020455	GPR126	G protein-coupled receptor 126	ENST00000367609	-0,833088999
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,833239281
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,833409008
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,833509586
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,833514548
A_23_P316150	NM_020800	IFT80	intraflagellar transport 80 homolog (Chlamydomonas)	ENST00000326448	-0,833757411
A_21_P0000727	NR_038216	LOC154092	uncharacterized LOC154092	ENST00000456749	-0,834003604
A_33_P3215883	NM_002019	FLT1	fms-related tyrosine kinase 1 (vascular endothelial growth f	ENST00000282397	-0,834257115
A_33_P3231447	NM_000210	ITGA6	integrin, alpha 6	ENST00000409532	-0,834281367
A_32_P180958	NM_016297	PCYOX1	prenylcysteine oxidase 1	ENST00000433351	-0,834744405
A_23_P379475	NM_014762	DHCR24	24-dehydrocholesterol reductase	ENST00000371269	-0,835441734
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,835638868
A_33_P3221313	NM_006733	CENPI	centromere protein I	ENST00000423383	-0,835725104
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,836380117
A_23_P130182	NM_004217	AURKB	aurora kinase B	ENST00000534871	-0,836452917
A_33_P3294237	NM_005955	MTF1	metal-regulatory transcription factor 1		-0,836467862
A_33_P3238415	NM_001080554	GSG1	germ cell associated 1	ENST00000405543	-0,836655131
A_33_P3334443	NM_001252271	FAM69A	family with sequence similarity 69, member A	ENST00000370310	-0,836695773
A_24_P57700	NM_015035	ZHX3	zinc fingers and homeoboxes 3	ENST00000540170	-0,836978258
A_33_P3240532	NM_015149	RGL1	ral guanine nucleotide dissociation stimulator-like 1	ENST00000367531	-0,837047727
A_24_P105391	NM_001017922	ERMAP	erythroblast membrane-associated protein (Scianna blood §	ENST00000372517	-0,837524068
A_33_P3258346	NM_017523	XAF1	XIAP associated factor 1	ENST00000361842	-0,837719856
A_21_P0005817	ENST00000523946	XLOC_007052		ENST00000523946	-0,837761025

A_24_P57730	NM_181304	MRPL52	mitochondrial ribosomal protein L52	ENST00000355151	-0,83840003
A_33_P3253394	NM_002287	LAIR1	leukocyte-associated immunoglobulin-like receptor 1		-0,838467649
A_33_P3288700	NM_058190	FAM207A	family with sequence similarity 207, member A	ENST00000291634	-0,838899827
A_33_P3281795	NM_007283	MGLL	monoglyceride lipase	ENST00000265052	-0,839104817
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,839511223
A_33_P3366195	NM_014862	ARNT2	aryl-hydrocarbon receptor nuclear translocator 2	ENST00000360062	-0,839723447
A_21_P0009262	TCONS_00025441	XLOC_012259			-0,840073368
A_23_P46871	NM_018344	SLC29A3	solute carrier family 29 (nucleoside transporters), member 3	ENST00000373189	-0,840516607
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,840565872
A_33_P3333810	NM_003350	UBE2V2	ubiquitin-conjugating enzyme E2 variant 2	ENST00000523111	-0,840592611
A_33_P3385957	NM_012263	TTL1	tubulin tyrosine ligase-like family, member 1	ENST00000440761	-0,840649496
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,840756217
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,841615396
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,841922266
A_23_P300600	NM_021076	NEFH	neurofilament, heavy polypeptide	ENST00000310624	-0,842952244
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,843057797
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,843441618
A_24_P257971	NM_005094	SLC27A4	solute carrier family 27 (fatty acid transporter), member 4	ENST00000372870	-0,844079162
A_23_P155351	NM_000060	BTD	biotinidase	ENST00000383778	-0,844092613
A_21_P0000769	NR_038332	LOC100505622	uncharacterized LOC100505622		-0,844181197
A_33_P3383326	NM_057159	LPAR1	lysophosphatidic acid receptor 1	ENST00000374430	-0,844718693
A_23_P329261	NM_000891	KCNJ2	potassium inwardly-rectifying channel, subfamily J, member 2	ENST00000243457	-0,844749099
A_23_P210425	NM_181526	MYL9	myosin, light chain 9, regulatory	ENST00000279022	-0,844760694
A_23_P129209	NM_002168	IDH2	isocitrate dehydrogenase 2 (NADP+), mitochondrial	ENST00000540499	-0,845766617
A_23_P207742	NM_003250	THRA	thyroid hormone receptor, alpha	ENST00000394121	-0,846302403
A_23_P10458	NM_018280	C22orf26	chromosome 22 open reading frame 26	ENST00000333761	-0,846884753
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,846962508
A_21_P0007639	TCONS_00020585	XLOC_009899			-0,846980188
A_19_P00315804	NR_015375	FLJ35024	uncharacterized LOC401491		-0,847019974

A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,847465354
A_24_P342807	NM_017964	SLC30A6	solute carrier family 30 (zinc transporter), member 6	ENST00000435660	-0,847697248
A_23_P126593	NM_005620	S100A11	S100 calcium binding protein A11	ENST00000271638	-0,847712359
A_33_P3399263	NM_001243539	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-0,847732814
A_32_P206949	NM_198276	TMEM17	transmembrane protein 17	ENST00000494919	-0,847825741
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,847986382
A_21_P0000731	NR_038236	LOC100507632	uncharacterized LOC100507632	ENST00000499425	-0,848391795
A_24_P379512	NM_005482	PIGK	phosphatidylinositol glycan anchor biosynthesis, class K	ENST00000370812	-0,848641275
A_21_P0006774	ENST00000421256	XLOC_008867		ENST00000421256	-0,84888554
A_23_P140563	NM_001040655	TTC23	tetratricopeptide repeat domain 23	ENST00000494567	-0,84908528
A_23_P391637	NM_020705	TBC1D24	TBC1 domain family, member 24	ENST00000293970	-0,849444755
A_23_P46936	NM_000399	EGR2	early growth response 2	ENST00000411732	-0,849597342
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,849684862
A_23_P218770	NM_002872	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP-binding protein)	ENST00000249071	-0,849740737
A_24_P31929	NM_000950	PRRG1	proline rich Gla (G-carboxyglutamic acid) 1	ENST00000449135	-0,850051317
A_23_P145096	NM_005084	PLA2G7	phospholipase A2, group VII (platelet-activating factor acetylhydrolase IIc)	ENST00000537365	-0,850189217
A_21_P0013034	TCONS_I2_0002437(XLOC_I2_012678				-0,850266455
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,850396426
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,850540555
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	ENST00000490885	-0,851897732
A_24_P131066	NM_004258	CD101	CD101 molecule	ENST00000369470	-0,852106768
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,852150461
A_23_P209625	NM_000104	CYP1B1	cytochrome P450, family 1, subfamily B, polypeptide 1	ENST00000260630	-0,852631015
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,852981694
A_33_P3233906	NM_005855	RAMP1	receptor (G protein-coupled) activity modifying protein 1	ENST00000254661	-0,85341431
A_21_P0003110	THC2659360	XLOC_003077			-0,853577119
A_33_P3282489	NM_001097634	GCNT1	glucosaminyl (N-acetyl) transferase 1, core 2	ENST00000442371	-0,853630548
A_24_P557479	NM_017523	XAF1	XIAP associated factor 1	ENST00000361842	-0,853665508
A_21_P0010773	NR_033856	FLJ43315	asparagine synthetase pseudogene	ENST00000416367	-0,853792341

A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,853883609
A_19_P00317169	NR_024393	LOC727677	uncharacterized LOC727677		-0,854101502
A_21_P0007223	ENST00000535746	XLOC_009181		ENST00000535746	-0,854151032
A_24_P926960	NM_001409	MEGF6	multiple EGF-like-domains 6		-0,854420213
A_24_P405205	NM_001001396	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000367218	-0,854514261
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,854835679
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,854889723
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,854939237
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,854992269
A_33_P3282566	NM_017728	TMEM104	transmembrane protein 104	ENST00000335464	-0,856177433
A_23_P71598	NM_003829	MPDZ	multiple PDZ domain protein	ENST00000319198	-0,857094671
A_33_P3309984	NM_000221	KHK	ketohexokinase (fructokinase)	ENST00000260599	-0,857253932
A_23_P106844	NM_005953	MT2A	metallothionein 2A	ENST00000245185	-0,857425411
A_33_P3232692	NM_001185156	IL24	interleukin 24	ENST00000294984	-0,857699843
A_33_P3421913	NM_014333	CADM1	cell adhesion molecule 1		-0,857957046
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,858313571
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,858377306
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,858521835
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,858646366
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,858839368
A_23_P206920	NM_001040114	MYH11	myosin, heavy chain 11, smooth muscle	ENST00000396324	-0,859351303
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,859354064
A_33_P3610406	NR_028501	ECEL1P2	endothelin converting enzyme-like 1, pseudogene 2	ENST00000461596	-0,86000424
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,860134259
A_33_P3376116	NM_182513	SPC24	SPC24, NDC80 kinetochore complex component, homolog (	ENST00000423327	-0,860364813
A_33_P3350583	NM_138819	FAM122C	family with sequence similarity 122C	ENST00000370784	-0,861300349
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,861946695
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,862171646
A_33_P3235975	NM_032343	CHCHD6	coiled-coil-helix-coiled-coil-helix domain containing 6	ENST00000514908	-0,862196576

A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,862201305
A_23_P313828	NM_181716	CENPV	centromere protein V	ENST00000299736	-0,862691239
A_32_P147078	NM_021097	SLC8A1	solute carrier family 8 (sodium/calcium exchanger), membe	ENST00000542640	-0,862844158
A_23_P106405	NM_002487	NDN	necdin homolog (mouse)	ENST00000331837	-0,863191863
A_33_P3294836	NM_024573	C6orf211	chromosome 6 open reading frame 211	ENST00000494826	-0,863240749
A_21_P0007403	NR_034148	LOC283143	uncharacterized LOC283143		-0,86330071
A_21_P0013036	TCONS_I2_0002442	XLOC_I2_012724			-0,863363661
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,86341301
A_32_P137939	NM_001101	ACTB	actin, beta	ENST00000462494	-0,863841209
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,863925092
A_21_P0014706	XR_112271	LOC100508751	uncharacterized LOC100508751		-0,863963769
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,864202908
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,864490855
A_23_P151405	NM_018204	CKAP2	cytoskeleton associated protein 2	ENST00000258607	-0,864587246
A_21_P0014186	XR_108747	LOC100506130	uncharacterized LOC100506130		-0,864812459
A_33_P3370094	NM_007289	MME	membrane metallo-endopeptidase	ENST00000360490	-0,865126871
A_33_P3672756	XR_112106	LOC284561	uncharacterized LOC284561		-0,865254907
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,865742901
A_24_P97836	NM_002873	RAD17	RAD17 homolog (S. pombe)	ENST00000380774	-0,865970896
A_33_P3328360	NR_027033	MIRLET7BHG	MIRLET7B host gene (non-protein coding)	ENST00000360737	-0,866209008
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,866278564
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,866425912
A_24_P64344	NM_013314	BLNK	B-cell linker	ENST00000393898	-0,866429753
A_23_P59877	NM_001444	FABP5	fatty acid binding protein 5 (psoriasis-associated)	ENST00000458175	-0,866538894
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,866587452
A_33_P3423445	ENST00000327867	ZNF730	zinc finger protein 730	ENST00000327867	-0,866963895
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,867022771
A_33_P3222917	NM_001024736	CD276	CD276 molecule	ENST00000318443	-0,867440828
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,868536395

A_33_P3266674	NM_025224	ZBTB46	zinc finger and BTB domain containing 46	ENST00000302995	-0,86962598
A_33_P3367301	NM_152219	GJD3	gap junction protein, delta 3, 31.9kDa		-0,869718725
A_33_P3291484	NM_005668	ST8SIA4	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4		-0,869999852
A_33_P3230254	NM_022346	NCAPG	non-SMC condensin I complex, subunit G	ENST00000251496	-0,870060301
A_24_P673063	NM_001444	FABP5	fatty acid binding protein 5 (psoriasis-associated)	ENST00000477993	-0,870434446
A_23_P123853	NM_006274	CCL19	chemokine (C-C motif) ligand 19	ENST00000485502	-0,870591142
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ dependant)	ENST00000492183	-0,871196012
A_33_P3212615	NM_006287	TFPI	tissue factor pathway inhibitor (lipoprotein-associated coagulation factor)	ENST00000233156	-0,871668148
A_24_P188447	NM_021952	ELAVL4	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4	ENST00000357083	-0,871946428
A_23_P85903	NM_003268	TLR5	toll-like receptor 5	ENST00000342210	-0,872065259
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,872189998
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibitory 1	ENST00000351004	-0,872218609
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,872224857
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,872430235
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,872520203
A_24_P323598	NM_001017420	ESCO2	establishment of cohesion 1 homolog 2 (S. cerevisiae)	ENST00000305188	-0,873105669
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,873172691
A_19_P00317277	AK055877	LOC100506328	uncharacterized LOC100506328		-0,873190319
A_21_P0001355	TCONS_00001080	XLOC_000318			-0,873432057
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,873857748
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,874010647
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,874461674
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,87491084
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,87492344
A_23_P2814	NM_005905	SMAD9	SMAD family member 9	ENST00000379826	-0,875002075
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,87508113
A_23_P58266	NM_005980	S100P	S100 calcium binding protein P	ENST00000296370	-0,8755026
A_33_P3309556	NM_006504	PTPRE	protein tyrosine phosphatase, receptor type, E		-0,875639507
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,875761094

A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,875786659
A_24_P926783	NM_001145434	ZNF880	zinc finger protein 880	ENST00000422689	-0,876630369
A_23_P87257	NM_022061	MRPL17	mitochondrial ribosomal protein L17	ENST00000529958	-0,87697323
A_21_P0014444	XR_109837	LOC100507639	uncharacterized LOC100507639		-0,87711868
A_33_P3307197	NM_020440	PTGFRN	prostaglandin F2 receptor negative regulator	ENST00000544471	-0,877178245
A_24_P408457	NM_000262	NAGA	N-acetylgalactosaminidase, alpha-	ENST00000396398	-0,877272895
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,877692318
A_23_P202219	NM_015916	CALHM2	calcium homeostasis modulator 2	ENST00000260743	-0,877769077
A_23_P137984	NM_002966	S100A10	S100 calcium binding protein A10	ENST00000368809	-0,877789328
A_24_P257478	NM_198721	COL25A1	collagen, type XXV, alpha 1	ENST00000443653	-0,877886014
A_24_P230563	NM_000417	IL2RA	interleukin 2 receptor, alpha	ENST00000447847	-0,878194866
A_23_P347169	NM_001001924	MTUS1	microtubule associated tumor suppressor 1	ENST00000262102	-0,878794327
A_21_P0005962	ENST00000523946	XLOC_007052		ENST00000523946	-0,878978595
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,879088334
A_21_P0008080	ENST00000428761	XLOC_010423		ENST00000428761	-0,879282418
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,879355107
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,8798555
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,880400029
A_21_P0003840	TCONS_00008860	XLOC_003629			-0,880949827
A_23_P501435	NM_020536	CSRP2BP	CSRP2 binding protein	ENST00000278816	-0,881363967
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,881373231
A_21_P0000818	NR_038847	LOC100505576	uncharacterized LOC100505576		-0,881424976
A_21_P0007799	TCONS_00020993	XLOC_010257			-0,882121717
A_33_P3212109	NM_016356	DCDC2	doublecortin domain containing 2	ENST00000378450	-0,882227948
A_21_P0005162	AK055022	XLOC_005681			-0,882273835
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,882833942
A_33_P3277988	NM_000629	IFNAR1	interferon (alpha, beta and omega) receptor 1	ENST00000270139	-0,883280225
A_23_P3177	NM_022054	KCNK13	potassium channel, subfamily K, member 13	ENST00000282146	-0,883470892
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,883828693

A_33_P3268567	NM_003581	NCK2	NCK adaptor protein 2	ENST00000393349	-0,883889172
A_19_P00812190	THC2520127	Q5D1D6			-0,884731853
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,884901974
A_24_P96403	NM_001001890	RUNX1	runt-related transcription factor 1	ENST00000344691	-0,885020242
A_23_P205584	NM_016475	JKAMP	JNK1/MAPK8-associated membrane protein		-0,885127767
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,885215231
A_23_P94030	NM_002291	LAMB1	laminin, beta 1	ENST00000222399	-0,885280705
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-0,885336596
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,885484165
A_21_P0009754	TCONS_00027265	XLOC_013282			-0,885782779
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,885912096
A_23_P155711	NM_018248	NEIL3	nei endonuclease VIII-like 3 (E. coli)	ENST00000264596	-0,88636174
A_23_P41487	NM_015130	TBC1D9	TBC1 domain family, member 9 (with GRAM domain)	ENST00000442267	-0,886671241
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,886773709
A_23_P304682	NM_001424	EMP2	epithelial membrane protein 2	ENST00000359543	-0,887011289
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,887140095
A_21_P0014461	XR_109940	LOC100506934	uncharacterized LOC100506934		-0,887577708
A_33_P3407289	NR_027436	LOC283788	FSHD region gene 1 pseudogene	ENST00000418749	-0,887628064
A_32_P71571	NM_182522	FAM19A4	family with sequence similarity 19 (chemokine (C-C motif)-li	ENST00000295569	-0,887857045
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,888023462
A_23_P358917	NM_000765	CYP3A7	cytochrome P450, family 3, subfamily A, polypeptide 7	ENST00000336374	-0,888126921
A_21_P0005277	ENST00000465755	XLOC_006325		ENST00000465755	-0,888304927
A_21_P0007962	NR_034119	LINC00460	long intergenic non-protein coding RNA 460	ENST00000439790	-0,888558129
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,888590082
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,8886365
A_21_P0013462	ENST00000418309	XLOC_l2_014077		ENST00000418309	-0,88929358
A_23_P250564	NM_005400	PRKCE	protein kinase C, epsilon	ENST00000306156	-0,889624176
A_21_P0000653	NR_036485	LOC283104	uncharacterized LOC283104		-0,889628106
A_23_P204158	NM_032814	RNFT2	ring finger protein, transmembrane 2	ENST00000547718	-0,889757347

A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,890390876
A_23_P316410	NM_007052	NOX1	NADPH oxidase 1	ENST00000372961	-0,891157672
A_21_P0012241	TCONS_I2_0001755	XLOC_I2_009281			-0,892064712
A_23_P12554	NM_016112	PKD2L1	polycystic kidney disease 2-like 1	ENST00000318222	-0,892105264
A_24_P245815	NM_020437	ASPHD2	aspartate beta-hydroxylase domain containing 2	ENST00000215906	-0,892431924
A_23_P62659	NM_000310	PPT1	palmitoyl-protein thioesterase 1	ENST00000433473	-0,892549223
A_24_P151582	NM_003216	TEF	thyrotrophic embryonic factor	ENST00000266304	-0,89260021
A_24_P80204	NM_005434	MALL	mal, T-cell differentiation protein-like	ENST00000272462	-0,892647659
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,892856178
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,893728139
A_33_P3376971	NM_024111	CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)	ENST00000446533	-0,893776625
A_23_P404162	NM_014707	HDAC9	histone deacetylase 9	ENST00000405010	-0,893871025
A_24_P276576	NM_032738	FCRLA	Fc receptor-like A	ENST00000367950	-0,894408122
A_24_P414376	NM_016531	KLF3	Kruppel-like factor 3 (basic)	ENST00000261438	-0,894585535
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,894796508
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,894892888
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,896382629
A_23_P27400	NM_001523	HAS1	hyaluronan synthase 1	ENST00000540069	-0,897354132
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,897616364
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,898576368
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,898926777
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,898940807
A_21_P0004090	ENST00000509745	XLOC_004711		ENST00000509745	-0,898986967
A_23_P55998	NM_005628	SLC1A5	solute carrier family 1 (neutral amino acid transporter), me	ENST00000306894	-0,899207713
A_23_P126649	NM_024554	PGBD5	piggyBac transposable element derived 5	ENST00000321327	-0,899280526
A_33_P3392892	NM_017886	ULK4	unc-51-like kinase 4 (C. elegans)	ENST00000301831	-0,899556944
A_24_P943815	NM_004650	PNPLA4	patatin-like phospholipase domain containing 4	ENST00000444736	-0,899790487
A_33_P3381147	NM_001012708	KRTAP5-3	keratin associated protein 5-3	ENST00000399685	-0,899849554
A_21_P0001164	ENST00000415166	XLOC_000955		ENST00000415166	-0,901459131

A_24_P79617	NM_014656	KIAA0040	KIAA0040		-0,902415787
A_23_P32805	NM_017551	GRID1	glutamate receptor, ionotropic, delta 1	ENST00000464741	-0,902721046
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,902871133
A_24_P70183	NM_001040113	MYH11	myosin, heavy chain 11, smooth muscle	ENST00000452625	-0,904172309
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,904887462
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,905588903
A_32_P59010	NM_207381	TNFAIP8L3	tumor necrosis factor, alpha-induced protein 8-like 3	ENST00000327536	-0,90582238
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,906074721
A_21_P0007136	AK307308	XLOC_009562			-0,906558221
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,906832592
A_24_P788878	NM_001007595	C2CD4B	C2 calcium-dependent domain containing 4B	ENST00000380392	-0,906992856
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,907228588
A_21_P0014257	ENST00000368619	STK32C	serine/threonine kinase 32C	ENST00000368619	-0,907745454
A_24_P115199	NM_001037165	FOXK1	forkhead box K1	ENST00000328914	-0,907856032
A_23_P404494	NM_002185	IL7R	interleukin 7 receptor	ENST00000343305	-0,90871665
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,909078148
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,909378621
A_24_P277657	NM_006877	GMPR	guanosine monophosphate reductase	ENST00000540478	-0,909400785
A_24_P197964	NM_014788	TRIM14	tripartite motif containing 14	ENST00000341469	-0,909497996
A_33_P3565787	NR_027329	KIAA1908	uncharacterized LOC114796		-0,909608459
A_33_P3276918	NM_001195228	FAM64A	family with sequence similarity 64, member A	ENST00000250056	-0,909819838
A_24_P176493	NM_015251	ATMIN	ATM interactor	ENST00000299575	-0,910561118
A_23_P30666	NM_014452	TNFRSF21	tumor necrosis factor receptor superfamily, member 21	ENST00000419206	-0,910643942
A_24_P267522	NM_152655	ZNF585A	zinc finger protein 585A	ENST00000292841	-0,910732417
A_24_P920521	NM_203497	COMMD6	COMM domain containing 6	ENST00000377615	-0,910933347
A_33_P3306159	NM_001080495	TNRC18	trinucleotide repeat containing 18	ENST00000430969	-0,911071357
A_23_P105691	NM_018654	GPRC5D	G protein-coupled receptor, family C, group 5, member D	ENST00000396333	-0,911782587
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,912312734
A_23_P300076	NM_032263	IQCG	IQ motif containing G	ENST00000490748	-0,912494004

A_33_P3390017	NM_207445	C15orf54	chromosome 15 open reading frame 54	ENST00000318578	-0,913024098
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,913423254
A_24_P21266	NM_001003790	ERLIN2	ER lipid raft associated 2	ENST00000397228	-0,914149799
A_23_P345220	NM_014631	SH3PXD2A	SH3 and PX domains 2A	ENST00000315994	-0,91428823
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,914330748
A_23_P46039	NM_032738	FCRLA	Fc receptor-like A	ENST00000236938	-0,914386897
A_24_P18146	NM_015310	PSD3	pleckstrin and Sec7 domain containing 3	ENST00000286485	-0,914847007
A_23_P209735	NM_025139	ARMC9	armadillo repeat containing 9	ENST00000349938	-0,915002006
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,915764077
A_24_P199655	NM_138959	VANGL1	vang-like 1 (van gogh, Drosophila)	ENST00000310260	-0,916084437
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,916948535
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,917313376
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,917533428
A_23_P16953	NM_000867	HTR2B	5-hydroxytryptamine (serotonin) receptor 2B	ENST00000540289	-0,917725362
A_19_P00317412	NR_038842	LOC728431	uncharacterized LOC728431	ENST00000424989	-0,917748759
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,917841792
A_33_P3232960	NM_001010870	TDRD6	tudor domain containing 6	ENST00000544460	-0,917898133
A_32_P91042	NR_027406	LOC100129034	uncharacterized LOC100129034		-0,918069915
A_19_P00802257	NR_038842	LOC728431	uncharacterized LOC728431	ENST00000424989	-0,918230758
A_33_P3372099	NM_145244	DDIT4L	DNA-damage-inducible transcript 4-like	ENST00000273990	-0,918637646
A_23_P406782	NM_182983	HPN	hepsin	ENST00000541345	-0,919868696
A_33_P3691916	NM_014883	FAM13A	family with sequence similarity 13, member A	ENST00000264344	-0,919955001
A_33_P3319925	ENST00000449753	IRG1	immunoresponsive 1 homolog (mouse)	ENST00000449753	-0,920094908
A_33_P3260451	NM_201402	USP17L2	ubiquitin specific peptidase 17-like 2	ENST00000333796	-0,922051774
A_21_P0008301	TCONS_00022436	XLOC_010773			-0,922394423
A_23_P93431	NM_016108	AIG1	androgen-induced 1	ENST00000357847	-0,923249162
A_23_P70794	NM_016277	RAB23	RAB23, member RAS oncogene family	ENST00000317483	-0,92408065
A_33_P3623118	AK054653	LOC153577	uncharacterized LOC153577		-0,9241091
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,924122622

A_21_P0009825	ENST00000449270	XLOC_013457		ENST00000449270	-0,924220391
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,92511983
A_23_P207879	NM_024110	CARD14	caspase recruitment domain family, member 14	ENST00000344227	-0,925179251
A_23_P151368	NM_174928	N6AMT2	N-6 adenine-specific DNA methyltransferase 2 (putative)	ENST00000382754	-0,925356344
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,925869635
A_19_P00813544	ENST00000556684	XLOC_010897	0	ENST00000556684	-0,925952827
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,926430466
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,926564945
A_24_P106794	NM_032869	NUDCD1	NudC domain containing 1	ENST00000239690	-0,927916997
A_32_P60065	NM_004101	F2RL2	coagulation factor II (thrombin) receptor-like 2	ENST00000296641	-0,928060976
A_23_P83200	NM_152572	AK8	adenylate kinase 8	ENST00000467161	-0,928296481
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-0,928540792
A_33_P3321697	NM_022140	EPB41L4A	erythrocyte membrane protein band 4.1 like 4A	ENST00000261486	-0,928638413
A_23_P35456	NM_014631	SH3PXD2A	SH3 and PX domains 2A	ENST00000355946	-0,928784767
A_33_P3249589	NM_022893	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000358510	-0,928852555
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,929117842
A_23_P147918	NM_080388	S100A16	S100 calcium binding protein A16	ENST00000368703	-0,92918939
A_23_P153562	NM_001736	C5AR1	complement component 5a receptor 1	ENST00000355085	-0,929576154
A_24_P350759	NM_004171	SLC1A2	solute carrier family 1 (glial high affinity glutamate transpor	ENST00000278379	-0,92974848
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,929808211
A_23_P167030	NM_000316	PTH1R	parathyroid hormone 1 receptor	ENST00000427125	-0,929824665
A_33_P3315263	NM_175834	KRT79	keratin 79	ENST00000330553	-0,930605108
A_24_P71904	NM_000860	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)	ENST00000296522	-0,931215332
A_21_P0014715	XR_112556	LOC100505668	uncharacterized LOC100505668	ENST00000462559	-0,931216672
A_23_P163697	NM_016524	SYT17	synaptotagmin XVII	ENST00000355377	-0,931360959
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,931597911
A_24_P33156	NM_001010982	AFMID	arylformamidase	ENST00000473128	-0,932814379
A_33_P3332362	NM_001207026	POU2F2	POU class 2 homeobox 2	ENST00000342301	-0,932943206
A_33_P3376965	NM_024111	CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)	ENST00000487220	-0,933490821

A_23_P33154	NM_014393	STAU2	stauflen, RNA binding protein, homolog 2 (Drosophila)	ENST00000355780	-0,934533986
A_23_P203376	NM_152852	MS4A6A	membrane-spanning 4-domains, subfamily A, member 6A	ENST00000323961	-0,934771229
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,936774019
A_21_P0013600	ENST00000455981	XLOC_I2_015033		ENST00000455981	-0,937800979
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,938278123
A_23_P201747	NM_007365	PADI2	peptidyl arginine deiminase, type II	ENST00000375486	-0,938558016
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,939755016
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,939899731
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,940929876
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-0,941439139
A_23_P10062	NM_013244	MGAT4C	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucos	ENST00000548651	-0,941455231
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,941614852
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-0,942237515
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,943016302
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,943169578
A_23_P60146	NM_006207	PDGFRL	platelet-derived growth factor receptor-like	ENST00000251630	-0,944246047
A_23_P12733	NM_018649	H2AFY2	H2A histone family, member Y2	ENST00000373255	-0,945048576
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-0,945086388
A_23_P145694	NM_001673	ASNS	asparagine synthetase (glutamine-hydrolyzing)	ENST00000394308	-0,94512406
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-0,94545044
A_33_P3344477	NM_001134999	FERMT2	fermitin family member 2	ENST00000343279	-0,946050298
A_24_P362540	NM_003887	ASAP2	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2	ENST00000484590	-0,946053012
A_23_P114934	NM_032858	MAEL	maelstrom homolog (Drosophila)	ENST00000367870	-0,947084144
A_23_P337262	NM_153000	APCDD1	adenomatosis polyposis coli down-regulated 1	ENST00000423585	-0,947118941
A_24_P645765	NM_020782	KLHDC5	kelch domain containing 5	ENST00000381271	-0,947183123
A_23_P97860	NM_000235	LIPA	lipase A, lysosomal acid, cholesterol esterase	ENST00000425287	-0,947259208
A_33_P3240552	ENST00000509355	PDE4D	phosphodiesterase 4D, cAMP-specific	ENST00000509355	-0,947460256
A_23_P136371	NM_022569	NDST4	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 4	ENST00000504854	-0,947964169
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,948494211

A_24_P227091	NM_004523	KIF11	kinesin family member 11	ENST00000260731	-0,948560625
A_21_P0005375	THC2666780	XLOC_006062			-0,948656751
A_23_P432448	NR_024166	MGC3771	uncharacterized LOC81854		-0,949864886
A_23_P56559	NM_005771	DHRS9	dehydrogenase/reductase (SDR family) member 9	ENST00000432060	-0,950202917
A_33_P3235546	NM_014747	RIMS3	regulating synaptic membrane exocytosis 3	ENST00000372683	-0,950690743
A_33_P3351371	NM_031226	CYP19A1	cytochrome P450, family 19, subfamily A, polypeptide 1	ENST00000405011	-0,952044236
A_33_P3244610	NM_178460	SIRPD	signal-regulatory protein delta	ENST00000381623	-0,95220327
A_23_P140450	NM_003645	SLC27A2	solute carrier family 27 (fatty acid transporter), member 2	ENST00000544960	-0,952887356
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-0,953037859
A_24_P64653	NM_152637	METTL7B	methyltransferase like 7B	ENST00000394252	-0,953177494
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,953517396
A_33_P3363637	NM_013314	BLNK	B-cell linker	ENST00000393898	-0,953576297
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,954232741
A_23_P259090	NM_031438	NUDT12	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000230792	-0,954634047
A_24_P349039	NM_020754	ARHGAP31	Rho GTPase activating protein 31	ENST00000264245	-0,955780068
A_23_P257649	NM_002899	RBP1	retinol binding protein 1, cellular	ENST00000232219	-0,956826836
A_23_P91390	NM_000361	THBD	thrombomodulin	ENST00000503590	-0,956896491
A_23_P125772	NM_014370	SRPK3	SRSF protein kinase 3	ENST00000370101	-0,957297332
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,957760464
A_21_P0001003	ENST00000420156	XLOC_000352		ENST00000420156	-0,957853439
A_23_P419150	NM_014468	VENTX	VENT homeobox	ENST00000325980	-0,95805743
A_23_P361049	NM_012223	MYO1B	myosin IB	ENST00000439065	-0,958074299
A_23_P432573	NM_145015	MRGPRF	MAS-related GPR, member F	ENST00000309099	-0,958554881
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,95872375
A_21_P0001260	TCONS_00000830	XLOC_000037			-0,958890582
A_23_P145863	NM_005620	S100A11	S100 calcium binding protein A11	ENST00000271638	-0,959334845
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,959619222
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,960018192
A_33_P3252369	NM_144632	TMEM182	transmembrane protein 182	ENST00000412401	-0,960755492

A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,961407268
A_33_P3279431	NM_001007024	GOSR1	golgi SNAP receptor complex member 1	ENST00000414833	-0,96173811
A_23_P387184	NM_020464	NHSL1	NHS-like 1	ENST00000343505	-0,962666915
A_33_P3313617	NR_003133	GBP1P1	guanylate binding protein 1, interferon-inducible pseudogen	ENST00000513638	-0,96286564
A_23_P255104	NM_005779	LHFPL2	lipoma HMGIC fusion partner-like 2	ENST00000515007	-0,964653579
A_23_P164057	NM_002404	MFAP4	microfibrillar-associated protein 4	ENST00000395592	-0,96570349
A_21_P0002556	ENST00000457178	XLOC_002542		ENST00000457178	-0,966785156
A_21_P0009753	THC2527567	XLOC_013282			-0,966812721
A_24_P237443	NM_018990	SASH3	SAM and SH3 domain containing 3	ENST00000356892	-0,96728676
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,970798849
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,971181229
A_32_P157481	NM_005236	ERCC4	excision repair cross-complementing rodent repair deficiency	ENST00000311895	-0,97131035
A_23_P200829	NM_015326	SRGAP2	SLIT-ROBO Rho GTPase activating protein 2	ENST00000295713	-0,971472898
A_23_P143621	NM_001887	CRYBB1	crystallin, beta B1	ENST00000215939	-0,972085825
A_24_P827	NM_003599	SUPT3H	suppressor of Ty 3 homolog (S. cerevisiae)	ENST00000371461	-0,972197973
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-0,973124824
A_33_P3299719	ENST00000329335	RP1L1	retinitis pigmentosa 1-like 1	ENST00000329335	-0,973128545
A_21_P0013858	ENST00000449645	TMLHE	trimethyllysine hydroxylase, epsilon	ENST00000449645	-0,973171406
A_21_P0013808	THC2666070	XLOC_I2_015673			-0,974778576
A_23_P139864	NM_031289	GSG1	germ cell associated 1	ENST00000351606	-0,974787755
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,974798378
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,974929968
A_23_P29723	NM_001012410	SGOL1	shugoshin-like 1 (S. pombe)	ENST00000383774	-0,9757221
A_21_P0013512	THC2568453	XLOC_I2_014504			-0,977259077
A_21_P0014693	ENST00000451775	LOC100506847		ENST00000451775	-0,978158434
A_33_P3385266	NM_001079528	ABCC6	ATP-binding cassette, sub-family C (CFTR/MRP), member 6		-0,978748236
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-0,97926696
A_24_P374634	NM_001164380	STAU2	staufen, RNA binding protein, homolog 2 (Drosophila)	ENST00000524300	-0,980130156
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-0,981412023

A_23_P205370	NM_016150	ASB2	ankyrin repeat and SOCS box containing 2	ENST00000553883	-0,982364023
A_21_P0009752	TCONS_00027258	XLOC_013282			-0,982658386
A_33_P3416563	NM_016108	AIG1	androgen-induced 1	ENST00000344492	-0,983154267
A_32_P160045	NM_152665	TCTEX1D1	Tctex1 domain containing 1	ENST00000282670	-0,983300854
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,985160972
A_33_P3363188	NR_033856	FLJ43315	asparagine synthetase pseudogene		-0,985938814
A_21_P0005227	ENST00000440213	XLOC_006059		ENST00000440213	-0,987786046
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,988745805
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,988806233
A_32_P128258	NR_002804	SIGLECP3	sialic acid binding Ig-like lectin, pseudogene 3		-0,989401363
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,990760198
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,991658551
A_32_P161762	NM_004348	RUNX2	runt-related transcription factor 2	ENST00000478660	-0,993615648
A_23_P64611	NM_176798	P2RY6	pyrimidinergic receptor P2Y, G-protein coupled, 6	ENST00000538328	-0,99442474
A_23_P62647	NM_003037	SLAMF1	signaling lymphocytic activation molecule family member 1	ENST00000392208	-0,995566178
A_32_P53524	NM_004822	NTN1	netrin 1	ENST00000173229	-0,995945063
A_24_P659836	NM_001123225	SYCE3	synaptonemal complex central element protein 3	ENST00000406915	-0,995954055
A_32_P86763	NM_004613	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamr	ENST00000361475	-0,995970459
A_23_P17354	NM_024034	GDAP1L1	ganglioside-induced differentiation-associated protein 1-like	ENST00000438466	-0,996047987
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,996241133
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,996299529
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,996874844
A_23_P24493	NM_002424	MMP8	matrix metalloproteinase 8 (neutrophil collagenase)	ENST00000528662	-0,997455796
A_33_P3630777	AJ301561	C8orf8	chromosome 8 open reading frame 8	ENST00000443854	-0,997997811
A_23_P210708	NM_001040022	SIRPA	signal-regulatory protein alpha	ENST00000358771	-0,998864496
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-0,999177085
A_21_P0001876	ENST00000415138	XLOC_001517		ENST00000415138	-0,999267814
A_33_P3880302	NM_004442	EPHB2	EPH receptor B2	ENST00000374632	-0,999447558
A_21_P0014829	XR_132680	LOC100652760	uncharacterized LOC100652760		-1,000150667

A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-1,000360089
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-1,001117621
A_21_P0010296	THC2740132	XLOC_014110			-1,001756856
A_21_P0004540	TCONS_00010837	XLOC_004644			-1,003864089
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-1,003985799
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,004240078
A_23_P203475	NM_145040	PRKCDBP	protein kinase C, delta binding protein	ENST00000303927	-1,006424795
A_23_P9523	NM_022128	RBKS	ribokinase	ENST00000449378	-1,00680102
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-1,007200159
A_23_P74278	NM_001037341	PDE4B	phosphodiesterase 4B, cAMP-specific	ENST00000329654	-1,007943981
A_23_P35871	NM_024680	E2F8	E2F transcription factor 8	ENST00000396159	-1,009279716
A_33_P3272291	NM_001818	AKR1C4	aldo-keto reductase family 1, member C4 (chlordecone redi	ENST00000397357	-1,012866085
A_33_P3263890	NM_006902	PRRX1	paired related homeobox 1	ENST00000239461	-1,012923116
A_23_P78037	NM_006273	CCL7	chemokine (C-C motif) ligand 7	ENST00000394627	-1,013853119
A_33_P3228460	NM_001136007	FXYD3	FXYD domain containing ion transport regulator 3	ENST00000535103	-1,015866571
A_23_P9883	NM_001079821	NLRP3	NLR family, pyrin domain containing 3	ENST00000336119	-1,015991318
A_21_P0010911	TCONS_I2_0000384	XLOC_I2_002171			-1,01606057
A_23_P152406	NM_032330	CAPNS2	calpain, small subunit 2	ENST00000457326	-1,018611093
A_23_P301521	NM_020848	KIAA1462	KIAA1462	ENST00000375377	-1,018743274
A_24_P320033	NM_005191	CD80	CD80 molecule	ENST00000264246	-1,01913331
A_24_P23625	ENST00000360954	HS3ST3B1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	ENST00000360954	-1,020807163
A_33_P3326634	NM_001164617	GPC3	glypican 3	ENST00000394299	-1,022740154
A_19_P00808588	NR_003133	GBP1P1		ENST00000513638	-1,025043046
A_33_P3293446	NM_020848	KIAA1462	KIAA1462	ENST00000375377	-1,025052903
A_21_P0003919	BC095491	FRG1B	FSHD region gene 1 family, member B		-1,02601372
A_32_P108254	NM_017565	FAM20A	family with sequence similarity 20, member A	ENST00000375556	-1,026642177
A_21_P0006542	TCONS_00017356	XLOC_008200			-1,027976157
A_23_P398372	NM_152833	C9orf69	chromosome 9 open reading frame 69		-1,028044553
A_21_P0002456	TCONS_00004299	XLOC_002148			-1,028223189

A_21_P0014653	XR_110911	LOC100507521	uncharacterized LOC100507521	ENST00000524942	-1,028507076
A_33_P3289917	NM_001134657	PRR23C	proline rich 23C	ENST00000502927	-1,029628599
A_24_P6305	NM_006013	RPL10	ribosomal protein L10	ENST00000424325	-1,030405389
A_23_P73114	NM_000313	PROS1	protein S (alpha)	ENST00000394236	-1,030471753
A_23_P320113	NM_080725	SRXN1	sulfiredoxin 1	ENST00000427916	-1,030998646
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,032999366
A_33_P3666817	NM_001001791	C10orf55	chromosome 10 open reading frame 55	ENST00000412307	-1,033706061
A_21_P0002052	TCONS_00003286	XLOC_002099			-1,0358711
A_23_P37410	NM_031226	CYP19A1	cytochrome P450, family 19, subfamily A, polypeptide 1	ENST00000541721	-1,036031452
A_24_P26897	NM_005539	INPP5A	inositol polyphosphate-5-phosphatase, 40kDa	ENST00000368594	-1,036770673
A_23_P204847	NM_002298	LCP1	lymphocyte cytosolic protein 1 (L-plastin)	ENST00000398576	-1,036937888
A_21_P0001988	ENST00000433724	XLOC_001932		ENST00000433724	-1,040157023
A_21_P0012909	TCONS_I2_0002293	XLOC_I2_012071			-1,041666551
A_21_P0011933	NR_037597	LOC442028	uncharacterized LOC442028		-1,041863389
A_32_P126375	NM_198270	NHS	Nance-Horan syndrome (congenital cataracts and dental an	ENST00000398097	-1,042464205
A_23_P103703	NM_014424	HSPB7	heat shock 27kDa protein family, member 7 (cardiovascular	ENST00000375714	-1,043184665
A_33_P3283824	NM_001135147	SLC39A8	solute carrier family 39 (zinc transporter), member 8	ENST00000424970	-1,043217681
A_33_P3729375	AK093857	LOC285181	uncharacterized LOC285181		-1,044131169
A_23_P434919	NM_152304	RAB42	RAB42, member RAS oncogene family	ENST00000465518	-1,04512012
A_33_P3246833	NM_173843	IL1RN	interleukin 1 receptor antagonist	ENST00000259206	-1,046094857
A_23_P253791	NM_004345	CAMP	cathelicidin antimicrobial peptide	ENST00000296435	-1,047130215
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,047318892
A_33_P3274501	NM_016523	KLRF1	killer cell lectin-like receptor subfamily F, member 1	ENST00000545196	-1,048069009
A_33_P3381671	BC016366	LOC731424	uncharacterized LOC731424		-1,048124051
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-1,048134469
A_23_P85240	NM_016562	TLR7	toll-like receptor 7	ENST00000380659	-1,048330314
A_23_P364414	NM_032089	PCDHGA9	protocadherin gamma subfamily A, 9		-1,049545506
A_23_P421401	NM_002609	PDGFRB	platelet-derived growth factor receptor, beta polypeptide	ENST00000544453	-1,050377866
A_21_P0008360	TCONS_00022563	XLOC_010881			-1,051463635

A_23_P51085	NM_020675	SPC25	SPC25, NDC80 kinetochore complex component, homolog (ENST00000282074	-1,051515701	
A_24_P16353	NR_028346	TRIM53P	tripartite motif containing 53, pseudogene	-1,051891669	
A_23_P15832	NM_014566	OR1D5	olfactory receptor, family 1, subfamily D, member 5	ENST00000531680	-1,053136293
A_33_P3295203	NM_001523	HAS1	hyaluronan synthase 1	ENST00000376737	-1,053657958
A_23_P26771	NM_006678	CD300C	CD300c molecule	ENST00000330793	-1,054672374
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,057311578
A_23_P75299	NM_022126	LHPP	phospholysine phosphohistidine inorganic pyrophosphate p	ENST00000368842	-1,059519032
A_33_P3258046	NM_170685	TAC4	tachykinin 4 (hemokinin)	ENST00000334568	-1,060299904
A_23_P401709	NM_152504	C20orf196	chromosome 20 open reading frame 196	ENST00000445603	-1,061629438
A_21_P0010537	TCONS_I2_0000039(XLOC_I2_000297				-1,063066065
A_24_P387609	NM_030940	ISCA1	iron-sulfur cluster assembly 1 homolog (S. cerevisiae)	ENST00000375991	-1,063512304
A_21_P0001478	TCONS_00001418	XLOC_000737			-1,067354365
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,067430834
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,068045789
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-1,068107549
A_24_P49199	NM_181789	GLDN	gliomedin	ENST00000396399	-1,068200954
A_24_P260101	NM_007289	MME	membrane metallo-endorpeptidase	ENST00000460393	-1,068847043
A_23_P18684	NM_004362	CLGN	calmegin	ENST00000545667	-1,069062784
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,070663664
A_33_P3284508	NM_001174104	CD14	CD14 molecule	ENST00000302014	-1,07072231
A_24_P148717	NM_001295	CCR1	chemokine (C-C motif) receptor 1	ENST00000296140	-1,07273388
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-1,073274757
A_23_P147641	NM_003195	TCEA2	transcription elongation factor A (SII), 2	ENST00000440819	-1,073860465
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,075697343
A_32_P83845	NM_001040708	HEY1	hairy/enhancer-of-split related with YRPW motif 1	ENST00000337919	-1,075706
A_24_P245379	NM_002575	SERPINB2	serpin peptidase inhibitor, clade B (ovalbumin), member 2	ENST00000457692	-1,076963558
A_21_P0007466	ENST00000526385	XLOC_009530		ENST00000526385	-1,076979086
A_33_P3308686	NM_020785	CC2D2A	coiled-coil and C2 domain containing 2A	ENST00000438599	-1,080094015
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,08040995

A_21_P0005189	XR_108720	LOC100507642	uncharacterized LOC100507642		-1,08144953
A_21_P0013514	TCONS_I2_0002818	XLOC_I2_014504			-1,081832174
A_23_P47904	NM_033124	CCDC65	coiled-coil domain containing 65	ENST00000552188	-1,08274723
A_24_P10444	NM_173623	TTL6	tubulin tyrosine ligase-like family, member 6	ENST00000376681	-1,084571674
A_33_P3344169	NM_001033560	DYX1C1	dyslexia susceptibility 1 candidate 1	ENST00000380679	-1,084987176
A_24_P67395	NM_002273	KRT8	keratin 8	ENST00000546826	-1,086313352
A_33_P3213235	NM_198492	CLEC4G	C-type lectin domain family 4, member G	ENST00000381308	-1,086522371
A_33_P3405848	NM_175719	TPO	thyroid peroxidase	ENST00000497517	-1,088412622
A_23_P147025	NM_004794	RAB33A	RAB33A, member RAS oncogene family	ENST00000257017	-1,088585374
A_21_P0013475	TCONS_I2_0002773	XLOC_I2_014191			-1,090502565
A_23_P49539	NM_001080519	BAHCC1	BAH domain and coiled-coil containing 1	ENST00000307745	-1,093064889
A_24_P666105	NM_001134745	LRRTM4	leucine rich repeat transmembrane neuronal 4	ENST00000409911	-1,093945196
A_21_P0012586	TCONS_I2_0002054	XLOC_I2_010687			-1,094304345
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,094373041
A_23_P337934	NM_017556	FBLIM1	filamin binding LIM protein 1	ENST00000400773	-1,105152161
A_23_P390518	NM_003839	TNFRSF11A	tumor necrosis factor receptor superfamily, member 11a, N	ENST00000382790	-1,105651412
A_24_P272451	AK057142	C17orf87	chromosome 17 open reading frame 87		-1,106060631
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,108178924
A_33_P3284883	NM_024761	MOB3B	MOB kinase activator 3B	ENST00000262244	-1,11163868
A_23_P251075	NM_005491	MAMLD1	mastermind-like domain containing 1	ENST00000464149	-1,111754381
A_24_P588897	NM_013272	SLCO3A1	solute carrier organic anion transporter family, member 3A	ENST00000318445	-1,116313921
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,12119195
A_32_P151800	NM_207418	FAM72D	family with sequence similarity 72, member D	ENST00000341209	-1,121411227
A_23_P391443	NM_020700	PPM1H	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1H	ENST00000228705	-1,122883365
A_21_P0006135	TCONS_00015940	XLOC_007308			-1,123318382
A_33_P3324004	NM_032965	CCL15	chemokine (C-C motif) ligand 15	ENST00000354059	-1,124047259
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,126611401
A_33_P3289406	NR_026998	LOC91450	uncharacterized LOC91450		-1,128319258
A_23_P55649	NM_001462	FPR2	formyl peptide receptor 2	ENST00000340023	-1,129416409

A_21_P0012659	ENST00000513843	XLOC_I2_011095		ENST00000513843	-1,129576524
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-1,13323176
A_24_P278126	NM_002485	NBN	nibrin	ENST00000396252	-1,133923045
A_33_P3396404	NM_001025232	CLLU1OS	chronic lymphocytic leukemia up-regulated 1 opposite strar	ENST00000378487	-1,134123015
A_24_P124624	NM_002543	OLR1	oxidized low density lipoprotein (lectin-like) receptor 1	ENST00000309539	-1,134951346
A_24_P766716	NM_001142343	CMKLR1	chemokine-like receptor 1	ENST00000312143	-1,136364555
A_33_P3296707	NM_001078173	FAM127C	family with sequence similarity 127, member C	ENST00000391440	-1,140101013
A_21_P0008015	ENST00000433569	XLOC_010694		ENST00000433569	-1,1438554
A_33_P3384045	XR_110862	NSAP11	nervous system abundant protein 11		-1,143944123
A_33_P3415097	NM_001830	CLCN4	chloride channel 4	ENST00000380833	-1,145147264
A_23_P13382	NM_001013254	LSP1	lymphocyte-specific protein 1	ENST00000406638	-1,146848967
A_19_P00321097	ENST00000415245	XLOC_001394		ENST00000415245	-1,146993555
A_19_P00317210	TCONS_00021644	XLOC_010593			-1,147064001
A_21_P0005926	TCONS_00015234	XLOC_006723			-1,147639903
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,147926041
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,148378395
A_21_P0009147	NR_038847	LOC100505576	uncharacterized LOC100505576		-1,150191614
A_24_P235266	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000403097	-1,152218414
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,152920741
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,153752012
A_23_P170574	NM_178310	SNAI3	snail homolog 3 (Drosophila)	ENST00000332281	-1,159491814
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,162118905
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,163737829
A_24_P363548	NM_005338	HIP1	huntingtin interacting protein 1	ENST00000336926	-1,164276424
A_21_P0006605	TCONS_00017645	XLOC_008317			-1,164423395
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,164803223
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,165220742
A_33_P3269110	NM_001130686	GUCY1A3	guanylate cyclase 1, soluble, alpha 3	ENST00000512983	-1,167314505
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,170809761

A_33_P3410654	NM_205852	CLEC12B	C-type lectin domain family 12, member B	ENST00000396502	-1,171657062
A_23_P17053	NM_019618	IL36G	interleukin 36, gamma	ENST00000259205	-1,174529091
A_23_P139682	NM_002864	PZP	pregnancy-zone protein	ENST00000535230	-1,174574274
A_32_P24585	NM_001017995	SH3PXD2B	SH3 and PX domains 2B	ENST00000311601	-1,177593782
A_33_P3316539	NM_001008539	SLC7A2	solute carrier family 7 (cationic amino acid transporter, y+ s	ENST00000004531	-1,182676738
A_24_P236235	NM_013231	FLRT2	fibronectin leucine rich transmembrane protein 2	ENST00000330753	-1,18422578
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,185759846
A_23_P69573	NM_000856	GUCY1A3	guanylate cyclase 1, soluble, alpha 3	ENST00000455639	-1,186810458
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,188482668
A_33_P3774867	BC094703	MGC11082	uncharacterized LOC84777		-1,193299861
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,193589469
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-1,19523639
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,195344512
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-1,201059549
A_33_P3220470	NM_005585	SMAD6	SMAD family member 6	ENST00000338426	-1,202529804
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,20393177
A_33_P3367201	NM_052845	MMAB	methylmalonic aciduria (cobalamin deficiency) cblB type		-1,205810064
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-1,206914019
A_24_P225616	NM_001034	RRM2	ribonucleotide reductase M2	ENST00000304567	-1,209013089
A_21_P0012418	TCONS_I2_0001904(XLOC_I2_010029				-1,214589536
A_32_P456318	NM_080743	SRSF12	serine/arginine-rich splicing factor 12	ENST00000452027	-1,214679249
A_23_P425304	NM_016169	SUFU	suppressor of fused homolog (Drosophila)	ENST00000369902	-1,216168455
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-1,2165002
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-1,218341479
A_24_P935103	NM_001116	ADCY9	adenylate cyclase 9	ENST00000294016	-1,219293094
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,226759523
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-1,226926735
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,228882014
A_23_P210690	NM_021158	TRIB3	tribbles homolog 3 (Drosophila)	ENST00000217233	-1,229606676

A_33_P3313730	NM_001145855	SH3BP2	SH3-domain binding protein 2	ENST00000356331	-1,230730131
A_24_P346855	NM_002417	MKI67	antigen identified by monoclonal antibody Ki-67	ENST00000537609	-1,231533719
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,231567637
A_21_P0010626	NM_058179	PSAT1	phosphoserine aminotransferase 1	ENST00000421149	-1,23183481
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-1,231996302
A_23_P55749	NM_015719	COL5A3	collagen, type V, alpha 3	ENST00000264828	-1,233203895
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,234084153
A_23_P328323	NM_018211	RAVER2	ribonucleoprotein, PTB-binding 2	ENST00000294428	-1,235262076
A_21_P0013592	TCONS_I2_0002883	XLOC_I2_014850			-1,235904325
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-1,237712012
A_33_P3239282	NM_004974	KCNA2	potassium voltage-gated channel, shaker-related subfamily,	ENST00000316361	-1,243144573
A_33_P3399090	NM_001037954	DIXDC1	DIX domain containing 1	ENST00000440460	-1,244403068
A_23_P71037	NM_000600	IL6	interleukin 6 (interferon, beta 2)	ENST00000485300	-1,245856215
A_33_P3352098	NM_021201	MS4A7	membrane-spanning 4-domains, subfamily A, member 7	ENST00000358246	-1,249855138
A_23_P49448	NM_024306	FA2H	fatty acid 2-hydroxylase	ENST00000219368	-1,250657304
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,251050901
A_23_P407096	NM_152625	ZNF366	zinc finger protein 366	ENST00000318442	-1,252041093
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-1,252927023
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-1,254557111
A_23_P150903	NM_018099	FAR2	fatty acyl CoA reductase 2	ENST00000182377	-1,265496019
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-1,268410239
A_24_P942321	NM_018027	FRMD4A	FERM domain containing 4A	ENST00000357447	-1,283051551
A_33_P3281695	NM_001243133	NLRP3	NLR family, pyrin domain containing 3	ENST00000391827	-1,283091872
A_21_P0007119	NR_033847	FLJ37035	uncharacterized LOC399821	ENST00000527483	-1,283210895
A_21_P0002805	ENST00000467896	XLOC_002921		ENST00000467896	-1,286322204
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-1,287627239
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,29288272
A_33_P3303810	NM_005558	LAD1	ladinin 1	ENST00000367313	-1,297153525
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,302665329

A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,303512389
A_33_P3407013	ENST00000420258	IL6	interleukin 6 (interferon, beta 2)	ENST00000420258	-1,305376179
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,306507725
A_24_P188800	NM_017923	Mar-01	membrane-associated ring finger (C3HC4) 1	ENST00000339875	-1,306635639
A_24_P112941	NM_032808	LINGO1	leucine rich repeat and Ig domain containing 1	ENST00000355300	-1,308766871
A_19_P00320881	NR_040025	LOC100505474	uncharacterized LOC100505474		-1,311332665
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,317285502
A_32_P96000	NM_001004341	ETV3L	ets variant 3-like	ENST00000454449	-1,317885432
A_24_P158718	NM_015177	DTX4	deltex homolog 4 (Drosophila)	ENST00000227451	-1,318196054
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,343484488
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-1,344090263
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,344437177
A_24_P592012	NM_025224	ZBTB46	zinc finger and BTB domain containing 46	ENST00000245663	-1,345900223
A_33_P3364488	NM_001170631	FCAMR	Fc receptor, IgA, IgM, high affinity	ENST00000450945	-1,349635962
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-1,355519901
A_23_P119835	NM_021209	NLRC4	NLR family, CARD domain containing 4	ENST00000404025	-1,35662958
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,357645907
A_33_P3282641	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000416764	-1,363672851
A_33_P3408152	NM_021076	NEFH	neurofilament, heavy polypeptide	ENST00000328842	-1,375285962
A_23_P257815	NM_005582	CD180	CD180 molecule	ENST00000256447	-1,376510295
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,385080694
A_21_P0000695	NR_037867	LOC731424	uncharacterized LOC731424		-1,394606456
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,398237535
A_33_P3705884	AK094188	LOC148189	uncharacterized LOC148189		-1,400736902
A_23_P333498	NM_030636	EEPD1	endonuclease/exonuclease/phosphatase family domain cor	ENST00000242108	-1,409089563
A_21_P0000575	NR_029193	LOC100287216	uncharacterized LOC100287216		-1,423751322
A_32_P101031	NM_144586	LYPD1	LY6/PLAUR domain containing 1	ENST00000397463	-1,441351349
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,461874794
A_23_P46482	NM_018724	IL20	interleukin 20	ENST00000367096	-1,464116096

A_24_P787897	NM_022166	XYLT1	xylosyltransferase I		-1,470331736
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,479085425
A_23_P8801	NM_000777	CYP3A5	cytochrome P450, family 3, subfamily A, polypeptide 5	ENST00000339843	-1,492064762
A_23_P207456	NM_005623	CCL8	chemokine (C-C motif) ligand 8	ENST00000225840	-1,520366177
A_23_P49759	NM_002981	CCL1	chemokine (C-C motif) ligand 1	ENST00000225842	-1,521423243
A_23_P76078	NM_016584	IL23A	interleukin 23, alpha subunit p19	ENST00000228534	-1,526691888
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,563292492
A_23_P145724	NM_006658	PPP1R17	protein phosphatase 1, regulatory subunit 17	ENST00000342032	-1,563360666
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,564350844
A_23_P21485	NM_017933	PID1	phosphotyrosine interaction domain containing 1	ENST00000392055	-1,568924733
A_24_P411186	NM_022893	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000335712	-1,57525829
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,57707841
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,581619224
A_23_P37892	NM_133443	GPT2	glutamic pyruvate transaminase (alanine aminotransferase)	ENST00000440783	-1,582798299
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,586437647
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,58995395
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,592549415
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,597616649
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,600134803
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,600192209
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,612067562
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,613331817
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,614876346
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,636661092
A_33_P3281191	NM_002508	NID1	nidogen 1	ENST00000366595	-1,6732232
A_33_P3380383	NM_001099221	TIFAB	TRAF-interacting protein with forkhead-associated domain,	ENST00000537858	-1,722197785
A_24_P759477	NM_002214	ITGB8	integrin, beta 8		-1,734584166
A_23_P35092	NM_153758	IL19	interleukin 19	ENST00000270218	-1,762883404
A_33_P3341499	NM_003392	WNT5A	wingless-type MMTV integration site family, member 5A	ENST00000264634	-1,870128938

A_23_P7560

NM_002187

IL12B

interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic T lymphocyte-inducing protein beta 2, ENST00000231228)

-2,188051615

Comparison of gene expression profiling between NYBH-infected macrophages

ProbeName	SystematicName	GeneSymbol	GeneName	EnsemblID	NYBH vs MØ_logFC
A_23_P388871	NM_175054	HIST4H4	histone cluster 4, H4	ENST00000539745	1,903528944
A_23_P431179	NM_003538	HIST1H4A	histone cluster 1, H4a	ENST00000359907	1,898420887
A_21_P0000504	NR_023344	RNU6ATAC	RNA, U6atac small nuclear (U12-dependent splicing)		1,862203969
A_33_P3279708	NR_002761	RNU2-2	RNA, U2 small nuclear 2	ENST00000538098	1,733639656
A_21_P0000513	NR_026703	VTRNA1-1	vault RNA 1-1		1,69975858
A_23_P359540	NM_003540	HIST1H4F	histone cluster 1, H4f	ENST00000377745	1,695756685
A_33_P3390107	NR_003286	RN18S1	RNA, 18S ribosomal 1		1,681246991
A_33_P3273584	NR_003023	SCARNA2	small Cajal body-specific RNA 2		1,67009562
A_33_P3351851	NM_003546	HIST1H4L	histone cluster 1, H4l	ENST00000355981	1,609735844
A_33_P3410836	NM_003539	HIST1H4D	histone cluster 1, H4d	ENST00000340756	1,579379594
A_33_P3267263	NR_004400	RNU1-5	RNA, U1 small nuclear 5		1,54686462
A_23_P363936	NM_014278	HSPA4L	heat shock 70kDa protein 4-like	ENST00000296464	1,531063945
A_23_P436281	NM_001034077	HIST2H4B	histone cluster 2, H4b	ENST00000392933	1,504193551
A_33_P3226995	NM_006137	CD7	CD7 molecule	ENST00000312648	1,423925293
A_23_P30805	NM_021968	HIST1H4J	histone cluster 1, H4j	ENST00000355057	1,423053321
A_24_P20873	NM_003495	HIST1H4I	histone cluster 1, H4i	ENST00000354348	1,409956471
A_23_P323685	NM_003543	HIST1H4H	histone cluster 1, H4h	ENST00000377727	1,389626048
A_33_P3344229	NM_003538	HIST1H4A	histone cluster 1, H4a	ENST00000359907	1,389598259
A_33_P3257678	NM_001005464	HIST2H3A	histone cluster 2, H3a	ENST00000369158	1,385961283
A_23_P364324	NM_152701	ABCA13	ATP-binding cassette, sub-family A (ABC1), member 13	ENST00000435803	1,340129275
A_23_P30813	NM_003541	HIST1H4K	histone cluster 1, H4k	ENST00000357549	1,31089744
A_33_P3299865	NM_003541	HIST1H4K	histone cluster 1, H4k	ENST00000355057	1,310651851
A_33_P3305521	AB029007	ZNF507	zinc finger protein 507		1,295461454
A_33_P3336113	NM_145719	TIGD3	tigger transposable element derived 3	ENST00000309880	1,293088204
A_33_P3297020	NR_026816	PSORS1C3	psoriasis susceptibility 1 candidate 3 (non-protein coding)	ENST00000376242	1,291221093
A_33_P3299160	NR_033889	LOC440131	uncharacterized LOC440131	ENST00000400540	1,248735323

A_21_P0013490	TCONS_I2_0002778:	XLOC_I2_014217				1,24617695
A_21_P0006741	ENST00000446012	XLOC_008762			ENST00000446012	1,207505053
A_21_P0000392	NR_003076	SNORD98	small nucleolar RNA, C/D box 98		ENST00000483264	1,207318292
A_32_P221799	NM_003514	HIST1H2AM	histone cluster 1, H2am		ENST00000359611	1,195064362
A_21_P0002602	TCONS_00004841	XLOC_001564				1,185691954
A_33_P3507384	AK056398	LOC152274	uncharacterized LOC152274			1,181308117
A_23_P407080	NM_173489	HEATR7B2	HEAT repeat family member 7B2		ENST00000399564	1,1760931
A_23_P108743	NM_152381	XIRP2	xin actin-binding repeat containing 2		ENST00000295237	1,172834251
A_33_P3420259	NR_003287	RN28S1	RNA, 28S ribosomal 1			1,148179723
A_21_P0008136	ENST00000420210	XLOC_010556			ENST00000420210	1,141912986
A_19_P00800316	NR_033889	LOC440131	uncharacterized LOC440131		ENST00000400540	1,139827049
A_33_P3710442	AK021772	FLJ11710	uncharacterized protein FLJ11710			1,13869638
A_23_P27649	NM_001080411	ZNF433	zinc finger protein 433		ENST00000344980	1,135483192
A_23_P216935	NR_026677	MIR600HG	MIR600 host gene (non-protein coding)		ENST00000545631	1,1273205
A_19_P00322645	XR_110237	LOC283588	uncharacterized LOC283588			1,127262508
A_33_P3323463	ENST00000532091	HSPA8	heat shock 70kDa protein 8		ENST00000532091	1,121011244
A_33_P3336632	NR_003287	RN28S1	RNA, 28S ribosomal 1			1,102879653
A_21_P0000023	NM_001159749	RIOK2	RIO kinase 2 (yeast)		ENST00000508447	1,086914303
A_23_P74162	NM_018134	IQCC	IQ motif containing C		ENST00000537469	1,08139873
A_21_P0010928	ENST00000429110	XLOC_I2_001731			ENST00000429110	1,074810036
A_21_P0000040	NM_001164313	ZBTB24	zinc finger and BTB domain containing 24			1,073604645
A_33_P3325723	NM_001822	CHN1	chimerin (chimaerin) 1		ENST00000492964	1,071955152
A_23_P428129	NM_000076	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)		ENST00000313407	1,071069979
A_24_P277673	NM_003547	HIST1H4G	histone cluster 1, H4g		ENST00000244537	1,065751335
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2		ENST00000298386	1,059000966
A_21_P0013568	AK311573	XLOC_I2_014802				1,05790555
A_23_P105002	NM_000327	ROM1	retinal outer segment membrane protein 1		ENST00000278833	1,050033549
A_21_P0005389	THC2730801	XLOC_006123				1,048387555
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2		ENST00000298386	1,041110431

A_21_P0008992	TCONS_00024502	XLOC_011821				1,039774308
A_23_P398854	NM_173660	DOK7	docking protein 7	ENST00000515886		1,037806687
A_33_P3388061	NM_181617	KRTAP21-2	keratin associated protein 21-2	ENST00000333892		1,030545122
A_24_P274615	NM_020801	ARRDC3	arrestin domain containing 3	ENST00000265138		1,027517515
A_33_P3404989	NM_003536	HIST1H3H	histone cluster 1, H3h	ENST00000369163		1,025176558
A_32_P205944	NM_005054	RGPD5	RANBP2-like and GRIP domain containing 5	ENST00000302558		1,024601646
A_21_P0011393	ENST00000507787	XLOC_I2_004594		ENST00000507787		1,02191132
A_21_P0000514	NR_026704	VTRNA1-2	vault RNA 1-2			1,018678146
A_23_P69537	NM_006681	NMU	neuromedin U	ENST00000541393		1,016985755
A_24_P348203	NM_025061	LRRRC8E	leucine rich repeat containing 8 family, member E	ENST00000306708		1,015068567
A_21_P0005232	ENST00000440455	XLOC_006093		ENST00000440455		1,012937247
A_33_P3247838	NM_001136501	ZNF844	zinc finger protein 844	ENST00000439326		1,011447619
A_21_P0004259	ENST00000520762	XLOC_004412		ENST00000520762		1,008817416
A_33_P3332348	NR_002715	RN7SL1	RNA, 7SL, cytoplasmic 1	ENST00000553637		1,005842455
A_21_P0000247	NR_002443	SNORD18C	small nucleolar RNA, C/D box 18C			1,004967463
A_21_P0005397	TCONS_00013523	XLOC_006163				1,000651279
A_33_P3271121	ENST00000484097	SH3BP4	SH3-domain binding protein 4	ENST00000484097		0,99850279
A_33_P3242923	NR_038358	LOC283553	uncharacterized LOC283553	ENST00000554409		0,991213951
A_33_P3275381	NM_001039580	MAP9	microtubule-associated protein 9	ENST00000393836		0,98974608
A_33_P3229335	NM_175055	HIST3H2BB	histone cluster 3, H2bb	ENST00000369160		0,988461102
A_24_P67898	ENST00000370094	MGEA5	meningioma expressed antigen 5 (hyaluronidase)	ENST00000370094		0,983479087
A_21_P0000197	NM_021064	HIST1H2AG	histone cluster 1, H2ag	ENST00000359193		0,979301124
A_33_P3270793	NM_145175	FAM84A	family with sequence similarity 84, member A	ENST00000359969		0,976907746
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386		0,963995383
A_23_P374689	NM_000817	GAD1	glutamate decarboxylase 1 (brain, 67kDa)	ENST00000478562		0,963791441
A_23_P48698	NM_003814	ADAM20	ADAM metallopeptidase domain 20	ENST00000256389		0,961010956
A_23_P93602	NM_001010905	C6orf58	chromosome 6 open reading frame 58	ENST00000329722		0,957422706
A_33_P3396831	ENST00000368256	CCT3	chaperonin containing TCP1, subunit 3 (gamma)	ENST00000368256		0,954154645
A_33_P3305203	XR_110237	LOC283588	uncharacterized LOC283588			0,950137843

A_24_P85942	NM_181453	GCC2	GRIP and coiled-coil domain containing 2	ENST00000309863	0,949315267
A_24_P921327	ENST00000505317	TAPT1	transmembrane anterior posterior transformation 1	ENST00000505317	0,949010643
A_23_P415411	NM_003545	HIST1H4E	histone cluster 1, H4e	ENST00000360441	0,948692995
A_21_P0009088	TCONS_00024776	XLOC_012051			0,948616424
A_33_P3327519	NR_002915	SNORA74A	small nucleolar RNA, H/ACA box 74A		0,934007246
A_33_P3389394	NR_002312	RPPH1	ribonuclease P RNA component H1	ENST00000554988	0,933908748
A_33_P3363120	NR_004387	SCARNA10	small Cajal body-specific RNA 10		0,933543276
A_21_P0010437	TCONS_00029688	XLOC_014356			0,928909439
A_33_P3291614	XR_110031	LOC100133039	uncharacterized LOC100133039		0,927753235
A_33_P3229246	NM_003528	HIST2H2BE	histone cluster 2, H2be	ENST00000369155	0,917957897
A_23_P116249	NM_014619	GRIK4	glutamate receptor, ionotropic, kainate 4	ENST00000527524	0,91789909
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	0,917393392
A_33_P3310189	NM_000684	ADRB1	adrenergic, beta-1-, receptor	ENST00000369295	0,911506809
A_23_P415643	NM_152652	ZNF48	zinc finger protein 48	ENST00000320159	0,910789136
A_23_P207774	NM_014238	KSR1	kinase suppressor of ras 1	ENST00000398982	0,910139914
A_21_P0000338	NR_002984	SNORA56	small nucleolar RNA, H/ACA box 56	ENST00000481062	0,909014863
A_21_P0003240	TCONS_00006120	XLOC_002725			0,906708823
A_33_P3221432	NM_001037813	ZNF284	zinc finger protein 284	ENST00000421176	0,906192212
A_33_P3386671	NM_005060	RORC	RAR-related orphan receptor C	ENST00000356728	0,905707285
A_21_P0000487	NR_004378	SNORD94	small nucleolar RNA, C/D box 94		0,905205484
A_23_P90062	NM_006145	DNAJB1	DnaJ (Hsp40) homolog, subfamily B, member 1	ENST00000254322	0,902166894
A_23_P335495	NM_001001891	ANO7	anoctamin 7	ENST00000487192	0,902129553
A_33_P3266719	NM_017628	TET2	tet methylcytosine dioxygenase 2	ENST00000535110	0,899578628
A_24_P608302	BC012894	LOC388796	uncharacterized LOC388796		0,896254367
A_21_P0000584	NR_030583	VTRNA2-1	vault RNA 2-1		0,893310065
A_19_P00317318	NM_001145664	RFX8		ENST00000540519	0,890687038
A_21_P0000387	NR_003071	SNORD90	small nucleolar RNA, C/D box 90		0,8893527
A_21_P0000708	NR_037933	C14orf55	metalloproteinase-disintegrin 1-2 pseudogene	ENST00000556964	0,88697123
A_21_P0011290	TCONS_I2_0000841	XLOC_I2_004563			0,884221999

A_33_P3227551	ENST00000509069	ZNF331	zinc finger protein 331	ENST00000509069	0,884170658
A_24_P55148	NM_021058	HIST1H2BJ	histone cluster 1, H2bj	ENST00000339812	0,882854985
A_21_P0014563	XR_110312	LOC100505675	uncharacterized LOC100505675		0,879837443
A_33_P3415430	NM_005346	HSPA1B	heat shock 70kDa protein 1B	ENST00000391548	0,878383614
A_33_P3641427	NM_016132	MYEF2	myelin expression factor 2	ENST00000324324	0,876311629
A_23_P341700	NM_001007101	ZNF484	zinc finger protein 484	ENST00000375495	0,875576417
A_23_P92672	NM_002538	OCLN	occludin	ENST00000514370	0,874759383
A_33_P3286953	NM_197941	ADAMTS6	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000381052	0,873752577
A_33_P3278392	BX538347	NFU1	NFU1 iron-sulfur cluster scaffold homolog (<i>S. cerevisiae</i>)		0,869677471
A_21_P0010340	ENST00000442403	XLOC_014139		ENST00000442403	0,869375035
A_23_P49988	NM_033062	KRTAP4-2	keratin associated protein 4-2	ENST00000377726	0,859477098
A_21_P0000414	NR_003210	SNORD114-17	small nucleolar RNA, C/D box 114-17		0,859379843
A_21_P0000380	NR_003057	SNORD69	small nucleolar RNA, C/D box 69		0,858886498
A_33_P3212909	NM_033400	ZFHX2	zinc finger homeobox 2	ENST00000382785	0,856180283
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,855156862
A_21_P0013834	NM_001017417	CT45A1	cancer/testis antigen family 45, member A1	ENST00000495729	0,85481
A_33_P3283213	NR_027295	MGC57346	uncharacterized LOC401884	ENST00000455565	0,853786954
A_24_P365322	NM_152601	ZNF709	zinc finger protein 709	ENST00000397732	0,853573005
A_21_P0010235	TCONS_00029002	XLOC_013917			0,853136879
A_21_P0000515	NR_026705	VTRNA1-3	vault RNA 1-3		0,852647769
A_33_P3290949	ENST00000487043	PTCD3	Pentatricopeptide repeat domain 3	ENST00000487043	0,851897901
A_32_P90483	NM_178509	STXBP4	syntaxin binding protein 4	ENST00000376352	0,848125938
A_33_P3307144	NM_021956	GRIK2	glutamate receptor, ionotropic, kainate 2	ENST00000487161	0,847965738
A_21_P0004308	TCONS_00010118	XLOC_004584			0,845996124
A_33_P3392807	ENST00000490432	TAF1B	TATA box binding protein (TBP)-associated factor, RNA poly	ENST00000490432	0,84568971
A_24_P924836	BC022827	CRYZL1	crystallin, zeta (quinone reductase)-like 1	ENST00000399442	0,845252423
A_32_P197825	NM_001032392	PLGLB1	plasminogen-like B1	ENST00000482249	0,845117749
A_23_P423074	NM_015566	FAM169A	family with sequence similarity 169, member A	ENST00000510609	0,842966985
A_33_P3412468	NM_004277	SLC25A27	solute carrier family 25, member 27	ENST00000371347	0,83969206

A_24_P298495	AF289590	LOC100130744	uncharacterized LOC100130744		0,833947729
A_21_P0000246	NR_002442	SNORD18B	small nucleolar RNA, C/D box 18B		0,833561076
A_23_P55388	NM_018143	KLHL11	kelch-like 11 (Drosophila)	ENST00000540254	0,832922894
A_21_P0002417	TCONS_00004194	XLOC_002041			0,829813592
A_33_P3281532	NM_022780	RMND5A	required for meiotic nuclear division 5 homolog A (S. cerevi	ENST00000283632	0,829622257
A_33_P3232354	NM_183242	BTBD8	BTB (POZ) domain containing 8	ENST00000540648	0,827521273
A_33_P3252730	NR_027049	ZNF788	zinc finger family member 788	ENST00000339302	0,827421016
A_23_P126836	NM_003326	TNFSF4	tumor necrosis factor (ligand) superfamily, member 4	ENST00000281834	0,826796691
A_33_P3264667	NM_183374	CYP26C1	cytochrome P450, family 26, subfamily C, polypeptide 1	ENST00000285949	0,825573968
A_33_P3356035	ENST00000440812	SMG7	smg-7 homolog, nonsense mediated mRNA decay factor (C.	ENST00000440812	0,825130274
A_33_P3346688	ENST00000527983	HSPA8	heat shock 70kDa protein 8	ENST00000527983	0,82434566
A_21_P0003604	TCONS_00008057	XLOC_003522			0,823856256
A_33_P3269203	NM_001207014	SERPINH1	serpin peptidase inhibitor, clade H (heat shock protein 47),	ENST00000524558	0,822704567
A_24_P223384	NM_003513	HIST1H2AB	histone cluster 1, H2ab	ENST00000259791	0,822249806
A_21_P0000279	NR_002735	SNORD61	small nucleolar RNA, C/D box 61		0,820063883
A_33_P3219745	ENST00000368681	ILF2	interleukin enhancer binding factor 2, 45kDa	ENST00000368681	0,816874398
A_33_P3671291	AA378382	SNORA12	small nucleolar RNA, H/ACA box 12		0,81595012
A_21_P0009632	TCONS_00026722	XLOC_012857			0,813031079
A_21_P0001196	ENST00000421851	XLOC_001095		ENST00000421851	0,812219055
A_23_P500998	NM_152739	HOXA9	homeobox A9	ENST00000242050	0,810870147
A_21_P0010636	TCONS_l2_0000139	XLOC_l2_001011			0,810709712
A_33_P3385983	NM_021143	ZNF20	zinc finger protein 20	ENST00000292241	0,810399634
A_23_P211056	NM_013329	GCFC1	GC-rich sequence DNA-binding factor 1	ENST00000497873	0,809365864
A_33_P3390758	NM_153201	HSPA8	heat shock 70kDa protein 8	ENST00000453788	0,808567336
A_33_P3349252	AL512723	DKFZP547L112	uncharacterized protein DKFZp547L112		0,808200229
A_33_P3400699	NM_206883	SLC26A5	solute carrier family 26, member 5 (prestin)	ENST00000339444	0,807517068
A_23_P167882	NM_052872	IL17F	interleukin 17F	ENST00000478427	0,807359081
A_33_P3295749	ENST00000378689	GLIPR1L2	GLI pathogenesis-related 1 like 2	ENST00000378689	0,807126902
A_23_P36018	NM_014312	VSIG2	V-set and immunoglobulin domain containing 2	ENST00000326621	0,806638398

A_23_P411723	NM_002655	PLAG1	pleiomorphic adenoma gene 1	ENST00000316981	0,806591681
A_21_P0002514	BI765130	XLOC_002360			0,806325671
A_21_P0000037	NM_001163391	ZSCAN12	zinc finger and SCAN domain containing 12		0,806258136
A_33_P3382856	NM_133507	DCN	decorin	ENST00000456569	0,801448476
A_24_P177568	NM_133473	ZNF431	zinc finger protein 431	ENST00000311048	0,799561418
A_23_P114349	NM_130776	XAGE3	X antigen family, member 3	ENST00000346279	0,799413756
A_23_P92860	NM_021147	CCNO	cyclin O	ENST00000501463	0,795465123
A_23_P111919	NM_013357	PURG	purine-rich element binding protein G	ENST00000475541	0,794553711
A_21_P0001004	ENST00000448680	XLOC_000357		ENST00000448680	0,792718043
A_33_P3348752	NM_006644	HSPH1	heat shock 105kDa/110kDa protein 1	ENST00000380363	0,791338029
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,788875245
A_21_P0002860	ENST00000465795	XLOC_003166		ENST00000465795	0,786763273
A_21_P0010779	ENST00000441085	XLOC_l2_001138		ENST00000441085	0,783098683
A_33_P3237110	NM_001099652	GPR137C	G protein-coupled receptor 137C	ENST00000555369	0,782438798
A_33_P3402823	NM_001010862	SPIN3	spindlin family, member 3	ENST00000374915	0,782204229
A_33_P3397323	NM_152355	ZNF441	zinc finger protein 441	ENST00000357901	0,781823167
A_33_P3209816	NM_207325	DPY19L3	dpy-19-like 3 (C. elegans)	ENST00000392248	0,781652777
A_23_P88119	NM_006644	HSPH1	heat shock 105kDa/110kDa protein 1	ENST00000320027	0,781160319
A_21_P0000371	NR_003037	SNORD7	small nucleolar RNA, C/D box 7		0,780709988
A_33_P3277753	NM_144994	ANKRD23	ankyrin repeat domain 23	ENST00000331001	0,78065306
A_21_P0001556	THC2764105	XLOC_000939			0,779122889
A_33_P3403254	NM_001080404	ZNF878	zinc finger protein 878	ENST00000440730	0,778872048
A_33_P3299421	NM_020880	ZNF530	zinc finger protein 530	ENST00000332854	0,778013219
A_21_P0003698	TCONS_00008376	XLOC_003829			0,777574106
A_23_P101683	NM_001828	CLC	Charcot-Leyden crystal protein	ENST00000221804	0,777454884
A_21_P0012911	XM_003403424	LOC100652810	beta-glucuronidase-like protein SMA5-like		0,776938288
A_32_P886589	NM_175895	C12orf61	chromosome 12 open reading frame 61	ENST00000408887	0,776557128
A_32_P226205	NM_033400	ZFHX2	zinc finger homeobox 2		0,776218281
A_33_P3263392	AK126149	LOC729696	uncharacterized LOC729696		0,775598474

A_33_P3416127	AK093799	LOC100132800	uncharacterized LOC100132800		0,775067948
A_24_P166407	NM_003544	HIST1H4B	histone cluster 1, H4b	ENST00000377364	0,773367107
A_23_P123108	ENST00000493453	AKAP9	A kinase (PRKA) anchor protein (yotiao) 9	ENST00000493453	0,773021125
A_21_P0008484	ENST00000502187	XLOC_011117		ENST00000502187	0,772423641
A_33_P3265714	NM_173649	C2orf61	chromosome 2 open reading frame 61		0,770153323
A_33_P3243307	AK128353	LOC100128281	uncharacterized LOC100128281		0,769765036
A_33_P3245818	ENST00000466449	PQLC1	PQ loop repeat containing 1	ENST00000466449	0,768595231
A_23_P254025	NM_003408	ZFP37	zinc finger protein 37 homolog (mouse)	ENST00000555206	0,76759266
A_23_P325625	NM_173690	SCAI	suppressor of cancer cell invasion	ENST00000467917	0,767570809
A_23_P67278	NM_005815	ZNF443	zinc finger protein 443	ENST00000411622	0,766311083
A_33_P3389168	ENST00000370393	MTM1	myotubularin 1	ENST00000370393	0,76408017
A_23_P372860	NM_003512	HIST1H2AC	histone cluster 1, H2ac	ENST00000377791	0,761895123
A_21_P0000459	NR_003684	SNORD119	small nucleolar RNA, C/D box 119		0,761132184
A_23_P23102	NM_145238	ZSCAN20	zinc finger and SCAN domain containing 20	ENST00000326544	0,760547561
A_33_P3294031	NR_002728	KCNQ1OT1	KCNQ1 opposite strand/antisense transcript 1 (non-protein coding)		0,760219507
A_21_P0013439	ENST00000412091	XLOC_I2_013873		ENST00000412091	0,758817093
A_23_P155765	NM_002129	HMGB2	high mobility group box 2	ENST00000511316	0,757708142
A_23_P410625	NM_153695	ZNF367	zinc finger protein 367	ENST00000375256	0,757466608
A_23_P344281	NM_001010879	ZIK1	zinc finger protein interacting with K protein 1 homolog (mouse)	ENST00000307468	0,757298547
A_21_P0000283	NR_002741	SNORD53	small nucleolar RNA, C/D box 53		0,756430694
A_33_P3364185	ENST00000370947	RBMX2	RNA binding motif protein, X-linked 2	ENST00000370947	0,756274747
A_23_P412389	NM_003862	FGF18	fibroblast growth factor 18	ENST00000274625	0,755344086
A_21_P0009965	THC2638461	XLOC_013549			0,754459548
A_21_P0010755	NM_022064	RNF123	ring finger protein 123	ENST00000443204	0,753586684
A_21_P0007465	TCONS_00020094	XLOC_009485			0,753093513
A_33_P3299781	ENST00000380201	DDRKG1	DDRKG domain containing 1	ENST00000380201	0,752248383
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,749840683
A_19_P00323103	ENST00000485597	XLOC_001775		ENST00000485597	0,749318765
A_23_P34877	NM_022768	RBM15	RNA binding motif protein 15	ENST00000487146	0,74780537

A_21_P0000297	NR_002914	SNORD62A	small nucleolar RNA, C/D box 62A	ENST00000426867	0,746972576
A_23_P16652	NM_152791	ZNF555	zinc finger protein 555	ENST00000334241	0,746758822
A_21_P0000206	NR_000006	SNORD21	small nucleolar RNA, C/D box 21	ENST00000497519	0,746328666
A_24_P93736	NR_024341	FLJ40292	uncharacterized LOC643210		0,74577145
A_24_P243749	NM_002612	PDK4	pyruvate dehydrogenase kinase, isozyme 4	ENST00000542888	0,745604865
A_23_P16242	NM_021143	ZNF20	zinc finger protein 20	ENST00000430024	0,745037501
A_33_P3359763	ENST00000466317	FLCN	folliculin	ENST00000466317	0,743982953
A_23_P369328	NM_145306	C10orf35	chromosome 10 open reading frame 35	ENST00000373279	0,742832635
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,742084069
A_24_P380679	NM_182597	C7orf53	chromosome 7 open reading frame 53	ENST00000312849	0,741954933
A_21_P0007018	DB228736	XLOC_008955			0,740771063
A_23_P316582	NM_152355	ZNF441	zinc finger protein 441	ENST00000454339	0,740256839
A_33_P3270218	ENST00000404008	USP42	ubiquitin specific peptidase 42	ENST00000404008	0,739501721
A_21_P0000155	NM_001204453	PSMC2	proteasome (prosome, macropain) 26S subunit, ATPase, 2	ENST00000460021	0,739462013
A_33_P3377459	NM_001040284	PAPD5	PAP associated domain containing 5	ENST00000436909	0,738125822
A_21_P0013659	TCONS_I2_0002936	XLOC_I2_015216			0,738115544
A_21_P0000484	NR_003942	SNORD76	small nucleolar RNA, C/D box 76		0,736064133
A_33_P3264379	NR_027049	ZNF788	zinc finger family member 788	ENST00000397759	0,735968796
A_33_P3214665	NM_002374	MAP2	microtubule-associated protein 2	ENST00000360351	0,735169393
A_24_P50818	NM_001206774	GTF3C3	general transcription factor IIIC, polypeptide 3, 102kDa	ENST00000409364	0,734893618
A_21_P0002937	TCONS_00005965	XLOC_002597			0,734830642
A_33_P3378935	AB209007	RBM14	RNA binding motif protein 14	ENST00000409372	0,734298069
A_21_P0000322	NR_002968	SNORA34	small nucleolar RNA, H/ACA box 34		0,733647919
A_33_P3688869	NR_030728	LOC440910	uncharacterized LOC440910		0,733595152
A_21_P0013877	TCONS_I2_0003089	XLOC_I2_015885			0,73284892
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,732757483
A_24_P80532	NM_004354	CCNG2	cyclin G2	ENST00000354403	0,73207051
A_23_P301247	NM_003517	HIST2H2AC	histone cluster 2, H2ac	ENST00000331380	0,729607203
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,729454957

A_21_P0003942	ENST00000507389	XLOC_005005		ENST00000507389	0,728470666
A_23_P4850	NM_145233	ZNF625	zinc finger protein 625	ENST00000439556	0,727863953
A_23_P11390	NM_004679	VCY	variable charge, Y-linked	ENST00000250823	0,727546022
A_24_P228149	NM_002274	KRT13	keratin 13	ENST00000157775	0,727403263
A_33_P3324383	NM_001013690	FIGNL2	fidgetin-like 2		0,727185246
A_33_P3474538	NM_007138	ZNF90	zinc finger protein 90		0,727084594
A_23_P420692	NM_015053	PPFIA4	protein tyrosine phosphatase, receptor type, f polypeptide	ENST00000295706	0,726767935
A_21_P0005255	ENST00000446053	XLOC_006220		ENST00000446053	0,724905645
A_33_P3275943	NM_052927	PWWP2A	PWWP domain containing 2A	ENST00000521424	0,724676552
A_23_P86532	ENST00000263103	BICC1	bicaudal C homolog 1 (Drosophila)	ENST00000263103	0,724428118
A_21_P0013664	ENST00000423171	XLOC_I2_015239		ENST00000423171	0,724422806
A_21_P0000381	NR_003058	SNORD70	small nucleolar RNA, C/D box 70		0,72434357
A_33_P3262485	NM_145276	ZNF563	zinc finger protein 563	ENST00000293725	0,723957358
A_33_P3351686	NM_001114938	CCDC17	coiled-coil domain containing 17	ENST00000479529	0,723692536
A_24_P217234	NM_000341	SLC3A1	solute carrier family 3 (cystine, dibasic and neutral amino acid)	ENST00000540334	0,723241023
A_33_P3228773	ENST00000400043	CYYR1	cysteine/tyrosine-rich 1	ENST00000400043	0,720442773
A_23_P8754	NM_005763	AASS	aminoadipate-semialdehyde synthase	ENST00000358954	0,720015875
A_33_P3394517	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinase	ENST00000454049	0,719833784
A_21_P0001840	AL117577	XLOC_001377		ENST00000450628	0,718838672
A_21_P0007352	TCONS_00019635	XLOC_009437			0,718650893
A_23_P389897	NM_002507	NGFR	nerve growth factor receptor	ENST00000172229	0,71808317
A_21_P0012995	AL049987	XLOC_I2_012083			0,718009755
A_33_P3626709	AK126613	LOC100129280	uncharacterized LOC100129280		0,716073633
A_33_P3311083	AK097512	PHLDB3	pleckstrin homology-like domain, family B, member 3		0,715867703
A_21_P0003061	ENST00000481679	NAALADL2	N-acetylated alpha-linked acidic dipeptidase-like 2	ENST00000481679	0,715676888
A_33_P3228642	ENST00000322834	ZNF584	zinc finger protein 584	ENST00000322834	0,713549861
A_33_P3344277	BC057389	HS1BP3	HCLS1 binding protein 3	ENST00000402541	0,712424953
A_24_P387321	NM_016264	ZNF44	zinc finger protein 44	ENST00000355684	0,711011179
A_23_P354894	NM_152603	ZNF567	zinc finger protein 567	ENST00000360729	0,710587262

A_33_P3381022	ENST00000362035	ICMT	isoprenylcysteine carboxyl methyltransferase	ENST00000362035	0,710002377
A_23_P61637	NM_002108	HAL	histidine ammonia-lyase	ENST00000546999	0,709313285
A_33_P3211513	NM_001162407	CLK1	CDC-like kinase 1	ENST00000357369	0,708992897
A_21_P0000216	NR_000016	SNORD36C	small nucleolar RNA, C/D box 36C	ENST00000492798	0,708652326
A_33_P3305770	ENST00000389311	NBR1	neighbor of BRCA1 gene 1	ENST00000389311	0,707938773
A_33_P3305243	ENST00000373903	PSMD5	proteasome (prosome, macropain) 26S subunit, non-ATPase	ENST00000373903	0,707721613
A_21_P0012993	ENST00000447012	XLOC_I2_012081		ENST00000447012	0,707691457
A_23_P44648	NM_030955	ADAMTS12	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000352040	0,705743953
A_23_P39263	NM_173480	ZNF57	zinc finger protein 57	ENST00000395204	0,705574449
A_21_P0000264	NR_002579	SNORD74	small nucleolar RNA, C/D box 74		0,70471844
A_21_P0007483	ENST00000539019	SSPN	sarcospan (Kras oncogene-associated gene)	ENST00000539019	0,704530795
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,703618133
A_33_P3421183	ENST00000473333	GTF2I	general transcription factor Iii	ENST00000473333	0,703554055
A_21_P0013022	TCONS_I2_0002419	XLOC_I2_012518			0,702531297
A_24_P194748	NM_001080485	ZNF275	zinc finger protein 275	ENST00000421401	0,70241908
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,701940488
A_21_P0013766	TCONS_I2_0003022	XLOC_I2_015536			0,70173985
A_23_P138168	NM_001839	CNN3	calponin 3, acidic	ENST00000545882	0,701728115
A_33_P3216357	NM_001146702	KDM5C	lysine (K)-specific demethylase 5C	ENST00000349663	0,701331084
A_33_P3325404	NM_206922	CRIP3	cysteine-rich protein 3	ENST00000274990	0,700931262
A_23_P122068	NM_181435	C1QTNF3	C1q and tumor necrosis factor related protein 3	ENST00000513471	0,700680316
A_33_P3302423	NM_001142640	TNRC6C	trinucleotide repeat containing 6C	ENST00000335749	0,700410157
A_33_P3549091	NR_036551	LOC100131347	RAD52 motif 1 pseudogene		0,700004006
A_21_P0000730	NR_038235	LOC100507651	uncharacterized LOC100507651		0,699802534
A_21_P0000461	NR_003686	SNORD125	small nucleolar RNA, C/D box 125		0,695948022
A_33_P3354076	NR_036433	FAM172BP	family with sequence similarity 172, member B pseudogene		0,695844103
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,69566007
A_23_P83149	NM_016014	FAM108B1	family with sequence similarity 108, member B1	ENST00000377041	0,695574985
A_21_P0001195	ENST00000436974	XLOC_001093		ENST00000436974	0,695193862

A_33_P3400758	NM_152791	ZNF555	zinc finger protein 555	ENST00000382127	0,695120501
A_33_P3356371	AK127766	LOC100133089	uncharacterized LOC100133089		0,694985748
A_19_P00315502	ENST00000417112	P01115		ENST00000417112	0,694841037
A_21_P0012898	TCONS_I2_0002283	XLOC_I2_011987			0,694603719
A_21_P0002473	TCONS_00004332	XLOC_002206			0,694043915
A_23_P66719	NM_144683	DHRS13	dehydrogenase/reductase (SDR family) member 13	ENST00000426464	0,693771925
A_23_P96590	NM_014710	GPRASP1	G protein-coupled receptor associated sorting protein 1	ENST00000361600	0,693745019
A_33_P3274622	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000417964	0,692961622
A_33_P3346327	NR_003674	KGFLP1	fibroblast growth factor 7 pseudogene	ENST00000377614	0,692070054
A_33_P3422010	NM_178504	DNAH12	dynein, axonemal, heavy chain 12	ENST00000351747	0,692060948
A_33_P3219601	NM_007314	ABL2	v-abl Abelson murine leukemia viral oncogene homolog 2	ENST00000504405	0,691765614
A_21_P0013298	NR_024271	SEPT7P2	septin 7 pseudogene 2	ENST00000338231	0,691222416
A_33_P3353622	NM_021163	RBAK	RB-associated KRAB zinc finger	ENST00000353796	0,690523137
A_23_P397455	NM_145259	ACVR1C	activin A receptor, type IC	ENST00000243349	0,690447309
A_23_P328766	NM_145287	ZNF519	zinc finger protein 519	ENST00000309305	0,689773775
A_23_P218937	NM_032402	PCDHGC3	protocadherin gamma subfamily C, 3	ENST00000308177	0,689530199
A_21_P0000374	NR_003046	SNORD59B	small nucleolar RNA, C/D box 59B		0,689453833
A_21_P0014066	XR_108328	LOC100506636	uncharacterized LOC100506636		0,689058848
A_19_P00318272	NR_038988	LOC100287765			0,688855071
A_21_P0012944	NR_024054	LOC100170939	glucuronidase, beta pseudogene		0,688738052
A_24_P91405	NM_152601	ZNF709	zinc finger protein 709	ENST00000397732	0,688664192
A_33_P3265159	BC110990	GAPVD1	GTPase activating protein and VPS9 domains 1	ENST00000394084	0,68805023
A_33_P3383065	NM_001195150	LOC100130705	uncharacterized LOC100130705		0,686796417
A_23_P164451	NM_005994	TBX2	T-box 2	ENST00000477081	0,686347958
A_33_P3264238	NM_080764	ZNF280B	zinc finger protein 280B	ENST00000360412	0,686012326
A_23_P157117	NM_182898	CREB5	cAMP responsive element binding protein 5	ENST00000409603	0,685892649
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,685180843
A_21_P0011487	THC2630320	XLOC_I2_005517			0,685180222
A_21_P0000207	NR_000007	SNORD73A	small nucleolar RNA, C/D box 73A	ENST00000322686	0,685095979

A_33_P3237517	ENST00000369578	ZNF292	zinc finger protein 292	ENST00000369578	0,685012669
A_33_P3261957	NM_005795	CALCRL	calcitonin receptor-like	ENST00000410102	0,684120228
A_21_P0010673	TCONS_I2_0000180:XLOC_I2_001332				0,683908206
A_33_P3312807	NR_023915	IPW	imprinted in Prader-Willi syndrome (non-protein coding)	ENST00000549804	0,681254897
A_21_P0014824	NR_045370	LOC100505815	uncharacterized LOC100505815		0,681019028
A_33_P3413821	AK090554	KIRREL	kin of IRRE like (Drosophila)	ENST00000368172	0,679940611
A_21_P0005322	ENST00000485282	XLOC_006555		ENST00000485282	0,679836738
A_33_P3460485	BF814437	SCARNA4	small Cajal body-specific RNA 4		0,6791375
A_33_P3385870	NM_004354	CCNG2	cyclin G2	ENST00000316355	0,678488996
A_32_P214665	NM_001102566	PCP4L1	Purkinje cell protein 4 like 1	ENST00000504449	0,678258749
A_33_P3226630	ENST00000467438	HS2ST1	heparan sulfate 2-O-sulfotransferase 1	ENST00000467438	0,67815426
A_21_P0007676	TCONS_00020667	XLOC_009971			0,67809935
A_21_P0000492	NR_004384	SNAR-F	small ILF3/NF90-associated RNA F		0,67797073
A_33_P3253501	NM_001161334	HIST2H2BF	histone cluster 2, H2bf	ENST00000369167	0,677952295
A_24_P941188	NM_015207	OTUD3	OTU domain containing 3	ENST00000375120	0,677570593
A_24_P390909	NM_181882	PRX	periaxin	ENST00000341562	0,677153432
A_32_P176550	NM_152405	JMY	junction mediating and regulatory protein, p53 cofactor	ENST00000282259	0,676549499
A_23_P303803	NM_152474	C19orf18	chromosome 19 open reading frame 18	ENST00000314391	0,675431695
A_21_P0011910	NM_012124	CHORDC1	cysteine and histidine-rich domain (CHORD) containing 1	ENST00000525317	0,674349053
A_33_P3305058	ENST00000451399	CUL9	cullin 9	ENST00000451399	0,673531725
A_32_P94	NM_198560	LHFPL4	lipoma HMGIC fusion partner-like 4		0,673510601
A_24_P366607	NM_203451	SERTM1	serine-rich and transmembrane domain containing 1	ENST00000315190	0,673103998
A_23_P312358	NM_152751	BEND7	BEN domain containing 7	ENST00000469555	0,672724463
A_33_P3238455	NR_034009	SRSF6	serine/arginine-rich splicing factor 6	ENST00000483871	0,670926367
A_21_P0011097	TCONS_I2_0000629:XLOC_I2_003400				0,670306669
A_23_P110319	NM_025087	CWH43	cell wall biogenesis 43 C-terminal homolog (S. cerevisiae)	ENST00000226432	0,669249893
A_33_P3216133	NM_024645	ZMAT4	zinc finger, matrin-type 4	ENST00000315769	0,668766738
A_21_P0001050	ENST00000417262	XLOC_000527		ENST00000417262	0,66876545
A_19_P00805452	TCONS_I2_0002039:XLOC_I2_010558				0,668546757

A_21_P0000751	NR_038286	LOC100507062	uncharacterized LOC100507062	ENST00000472046	0,66730381
A_33_P3381328	NR_027294	FAM201A	family with sequence similarity 201, member A	ENST00000484285	0,666702798
A_21_P0006907	TCONS_00018328	XLOC_008608			0,666693438
A_21_P0000511	NR_024342	SNAR-H	small ILF3/NF90-associated RNA H		0,665456903
A_23_P54100	NM_001437	ESR2	estrogen receptor 2 (ER beta)	ENST00000357782	0,663656732
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,663530555
A_23_P31444	NM_014590	ERVW-1	endogenous retrovirus group W, member 1	ENST00000493463	0,662089494
A_33_P3424462	NM_001139459	CNST	consortin, connexin sorting protein	ENST00000483271	0,661922183
A_21_P0000087	NM_001172574	MCPH1	microcephalin 1		0,661759315
A_21_P0000761	NR_038319	LOC100505716	uncharacterized LOC100505716	ENST00000418963	0,659288527
A_24_P120109	NM_198963	DHX57	DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57	ENST00000355320	0,658960572
A_21_P0005590	TCONS_00014242	XLOC_006319			0,657497149
A_23_P93258	NM_003537	HIST1H3B	histone cluster 1, H3b	ENST00000244661	0,656588501
A_21_P0002461	TCONS_00004313	XLOC_002168			0,655305196
A_23_P320530	NM_001010880	ZNF780A	zinc finger protein 780A	ENST00000455521	0,653961521
A_32_P109036	NM_001076678	ZNF493	zinc finger protein 493	ENST00000355504	0,653845103
A_33_P3350259	NM_001098524	FAM129C	family with sequence similarity 129, member C	ENST00000352727	0,653552516
A_24_P101047	NM_020931	KIAA1586	KIAA1586	ENST00000545356	0,652425855
A_23_P167997	NM_003518	HIST1H2BG	histone cluster 1, H2bg	ENST00000244601	0,651999173
A_33_P3502037	NM_012124	CHORDC1	cysteine and histidine-rich domain (CHORD) containing 1	ENST00000525317	0,6506906
A_24_P68019	NM_138347	ZNF551	zinc finger protein 551	ENST00000282296	0,650687108
A_33_P3233050	AK124895	SAMM50	sorting and assembly machinery component 50 homolog (S. cerevisiae)		0,650359383
A_21_P0000507	NR_024230	SNAR-B2	small ILF3/NF90-associated RNA B2		0,649296841
A_33_P3232204	XR_110259	LOC100128343	uncharacterized LOC100128343		0,649131413
A_33_P3214209	NR_027027	GUSBP1	glucuronidase, beta pseudogene 1	ENST00000508973	0,647790176
A_21_P0000509	NR_024244	SNAR-G2	small ILF3/NF90-associated RNA G2		0,646805505
A_23_P65208	NM_001039650	ZMYM5	zinc finger, MYM-type 5	ENST00000467542	0,646787733
A_24_P340853	NM_032789	PARP10	poly (ADP-ribose) polymerase family, member 10	ENST00000527262	0,646710103
A_23_P109072	NM_020436	SALL4	sal-like 4 (Drosophila)	ENST00000371539	0,646305766

A_33_P3287879	NM_003536	HIST1H3H	histone cluster 1, H3h	ENST00000369163	0,646217704
A_23_P86386	NM_024804	ZNF669	zinc finger protein 669	ENST00000535105	0,645363277
A_32_P64200	NM_002098	GUCA1B	guanylate cyclase activator 1B (retina)		0,644744938
A_32_P183218	NM_153695	ZNF367	zinc finger protein 367	ENST00000375256	0,644206859
A_21_P0013128	ENST00000412771	XLOC_I2_012467		ENST00000412771	0,643877176
A_23_P65797	NM_022480	KLHL25	kelch-like 25 (Drosophila)	ENST00000337975	0,643832772
A_21_P0014110	ENST00000478301	LOC100506673		ENST00000478301	0,643001758
A_19_P00322440	NR_036444	LOC400550	uncharacterized LOC400550		0,642873311
A_21_P0007530	TCONS_00020350	XLOC_009681			0,642830873
A_23_P322	NM_182690	EFNA4	ephrin-A4	ENST00000359751	0,642355404
A_21_P0000508	NR_024243	SNAR-D	small ILF3/NF90-associated RNA D		0,642161003
A_23_P411922	NM_001031698	PRPF40B	PRP40 pre-mRNA processing factor 40 homolog B (S. cerevi	ENST00000261897	0,640967932
A_21_P0008921	TCONS_00024367	XLOC_011691			0,640285256
A_23_P59045	NM_021052	HIST1H2AE	histone cluster 1, H2ae	ENST00000303910	0,639465123
A_24_P237757	AL136621	ZMYM2	zinc finger, MYM-type 2	ENST00000382881	0,639424769
A_23_P98830	NM_017481	UBQLN3	ubiquilin 3	ENST00000311659	0,638385298
A_21_P0004619	ENST00000414364	XLOC_005927		ENST00000414364	0,637213686
A_23_P102286	NM_000233	LHCGR	luteinizing hormone/choriogonadotropin receptor	ENST00000401907	0,636734907
A_33_P3381393	NM_001112704	VAX1	ventral anterior homeobox 1	ENST00000369206	0,635498139
A_33_P3549874	BC031230	LOC255177	uncharacterized LOC255177		0,634812725
A_23_P45913	NM_004814	SNRNP40	small nuclear ribonucleoprotein 40kDa (U5)	ENST00000474025	0,634802121
A_33_P3378126	NM_058229	FBXO32	F-box protein 32	ENST00000287396	0,6346166
A_33_P3420020	NM_001130858	PPIP5K1	diphosphoinositol pentakisphosphate kinase 1	ENST00000335092	0,634434803
A_23_P335981	NM_173860	HOXC12	homeobox C12	ENST00000243103	0,633924607
A_24_P213715	NR_026993	LOC90834	uncharacterized protein BC001742		0,633610182
A_33_P3302632	NM_003523	HIST1H2BE	histone cluster 1, H2be		0,633008773
A_23_P30799	NM_021018	HIST1H3F	histone cluster 1, H3f	ENST00000446824	0,631876965
A_21_P0008876	BC040927	XLOC_011801			0,631710496
A_23_P16817	NM_004071	CLK1	CDC-like kinase 1	ENST00000496205	0,631705795

A_33_P3210085	NM_001047160	NET1	neuroepithelial cell transforming 1	ENST00000380337	0,631467533
A_21_P0014898	XR_132888	LOC100652951	uncharacterized LOC100652951		0,631151649
A_23_P163209	NM_020396	BCL2L10	BCL2-like 10 (apoptosis facilitator)	ENST00000260442	0,630317743
A_23_P90320	NM_013359	ZNF221	zinc finger protein 221	ENST00000251269	0,630059152
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	0,629072685
A_21_P0006524	ENST00000440430	XLOC_008110		ENST00000440430	0,629072518
A_33_P3252068	NM_030647	JHDM1D	jumonji C domain containing histone demethylase 1 homolog	ENST00000006967	0,629039942
A_23_P117992	NM_014861	ATP2C2	ATPase, Ca ⁺⁺ transporting, type 2C, member 2	ENST00000420010	0,628126549
A_33_P3422085	NM_001009615	SPANXN2	SPANX family, member N2	ENST00000370498	0,628092721
A_21_P0000377	NR_003054	SNORD65	small nucleolar RNA, C/D box 65		0,627997587
A_33_P3222307	AK125520	LOC100129380	uncharacterized LOC100129380		0,627813507
A_33_P3248424	NM_138348	FAM105B	family with sequence similarity 105, member B		0,627689922
A_33_P3415336	ENST00000462747	ALS2	amyotrophic lateral sclerosis 2 (juvenile)	ENST00000462747	0,627350083
A_24_P241057	NM_016366	CABP2	calcium binding protein 2	ENST00000545205	0,627182375
A_33_P3416513	NM_001040032	C8orf74	chromosome 8 open reading frame 74	ENST00000304519	0,627085028
A_32_P218355	NM_001164446	C6orf132	chromosome 6 open reading frame 132	ENST00000341865	0,626237737
A_24_P113144	NM_024857	ATAD5	ATPase family, AAA domain containing 5	ENST00000321990	0,625612757
A_23_P302681	NM_001042762	FIGNL1	fidgetin-like 1	ENST00000419119	0,625168309
A_33_P3212769	BC020894	LOC100132686	uncharacterized LOC100132686		0,624983216
A_33_P3221084	ENST00000525443	LTBP3	latent transforming growth factor beta binding protein 3	ENST00000525443	0,622977198
A_33_P3424328	ENST00000229824	RAB44	RAB44, member RAS oncogene family	ENST00000229824	0,622933543
A_33_P3401262	NM_001097611	KNCN	kinocilin	ENST00000396314	0,621764372
A_33_P3587376	NR_024214	SNAR-A3	small ILF3/NF90-associated RNA A3		0,621757653
A_33_P3420496	NR_003015	SNORA53	small nucleolar RNA, H/ACA box 53		0,621589741
A_21_P0013918	XM_001717195	LOC731282	uncharacterized LOC731282		0,621364436
A_23_P211064	NM_013329	GCFC1	GC-rich sequence DNA-binding factor 1	ENST00000472588	0,620724872
A_33_P3344599	ENST00000377153	UBE4B	ubiquitination factor E4B	ENST00000377153	0,620713962
A_32_P790361	NM_007138	ZNF90	zinc finger protein 90	ENST00000473524	0,619315203
A_33_P3380196	BC015533	AKAP9	A kinase (PRKA) anchor protein (yotiao) 9	ENST00000394564	0,619304476

A_33_P3229898	ENST00000379805	PDHA1	pyruvate dehydrogenase (lipoamide) alpha 1	ENST00000379805	0,619021435
A_21_P0000243	NR_002439	SNORD43	small nucleolar RNA, C/D box 43	ENST00000453303	0,618488533
A_23_P74737	NM_001990	EYA3	eyes absent homolog 3 (Drosophila)	ENST00000495923	0,618250454
A_24_P65060	NM_032246	MEX3B	mex-3 homolog B (C. elegans)	ENST00000329713	0,618032983
A_21_P0014879	ENST00000449197	LOC100652735		ENST00000449197	0,617822735
A_21_P0004888	TCONS_00011824	XLOC_005310			0,61753757
A_32_P38637	NM_032534	KRBA1	KRAB-A domain containing 1	ENST00000466546	0,615928068
A_21_P0000447	NR_003326	SNORD116-11	small nucleolar RNA, C/D box 116-11		0,615523848
A_32_P64475	NM_152608	C1orf55	chromosome 1 open reading frame 55	ENST00000366817	0,615301682
A_19_P00807374	TCONS_I2_0002039	XLOC_I2_010558			0,614914837
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,61450922
A_23_P115161	NM_002036	DARC	Duffy blood group, chemokine receptor	ENST00000435307	0,61398185
A_21_P0001551	THC2675475	XLOC_000922			0,611677701
A_33_P3395008	NM_001142807	ACOXL	acyl-CoA oxidase-like	ENST00000439055	0,611400717
A_21_P0000384	NR_003066	SNORD85	small nucleolar RNA, C/D box 85		0,611161486
A_21_P0002502	TCONS_00004440	XLOC_002313			0,611139325
A_23_P63870	NM_144660	SAMD8	sterile alpha motif domain containing 8	ENST00000372690	0,61080671
A_32_P139738	NR_002827	HERC2P4	hect domain and RLD 2 pseudogene 4		0,610372915
A_21_P0013677	NR_026868	ANKRD19P	ankyrin repeat domain 19, pseudogene	ENST00000354752	0,610001479
A_33_P3423700	AK124002	LOC100131829	uncharacterized LOC100131829		0,609571228
A_23_P377411	AF130105	LOC100133130	PRO1102		0,60941207
A_21_P0001322	TCONS_00000997	XLOC_000263			0,608154592
A_21_P0011612	NM_173628	DNAH17	dynein, axonemal, heavy chain 17	ENST00000389840	0,608026769
A_23_P102000	NM_001008540	CXCR4	chemokine (C-X-C motif) receptor 4	ENST00000241393	0,607425785
A_21_P0000469	NR_003694	SNORD11B	small nucleolar RNA, C/D box 11B		0,607278128
A_33_P3393684	NM_001013661	VSIG8	V-set and immunoglobulin domain containing 8	ENST00000368100	0,606550903
A_33_P3318946	NM_021817	HAPLN2	hyaluronan and proteoglycan link protein 2	ENST00000255039	0,606401164
A_32_P155460	NR_024089	LINC00162	long intergenic non-protein coding RNA 162	ENST00000422199	0,606399477
A_23_P4628	NM_025027	ZNF606	zinc finger protein 606	ENST00000341164	0,606169391

A_21_P0001218	ENST00000424696	XLOC_001186		ENST00000424696	0,605838138
A_23_P408167	NM_001004051	GPRASP2	G protein-coupled receptor associated sorting protein 2	ENST00000332262	0,605076867
A_23_P410725	NM_152356	ZNF491	zinc finger protein 491	ENST00000323169	0,604795482
A_33_P3217490	NR_038388	LOC729444	uncharacterized LOC729444	ENST00000415704	0,604152946
A_23_P122068	NM_181435	C1QTNF3	C1q and tumor necrosis factor related protein 3	ENST00000513471	0,603978322
A_21_P0000257	NR_002563	SNORD27	small nucleolar RNA, C/D box 27		0,603804652
A_23_P74981	NM_033213	ZNF670	zinc finger protein 670	ENST00000366503	0,603329589
A_33_P3336240	NR_024044	DEFB109P1	defensin, beta 109, pseudogene 1		0,60314027
A_23_P360626	NM_178836	PLD6	phospholipase D family, member 6	ENST00000321560	0,602577994
A_21_P0007089	ENST00000455566	PPP2R2D	protein phosphatase 2, regulatory subunit B, delta	ENST00000455566	0,602328016
A_23_P55880	NM_144976	ZNF564	zinc finger protein 564	ENST00000339282	0,602194661
A_33_P3358943	NM_000839	GRM2	glutamate receptor, metabotropic 2	ENST00000464585	0,60144594
A_33_P3358163	NM_018958	C15orf2	chromosome 15 open reading frame 2	ENST00000329468	0,601014066
A_33_P3677298	AL117431	LOC152286	uncharacterized LOC152286		0,601002996
A_33_P3255755	AK123337	CROCCP2	ciliary rootlet coiled-coil, rootletin pseudogene 2		0,60051773
A_21_P0003179	TCONS_00006667	XLOC_003263			0,60032865
A_21_P0014224	XR_108920	LOC100505760	uncharacterized LOC100505760		0,600044675
A_23_P102571	NM_020062	SLC2A4RG	SLC2A4 regulator	ENST00000266077	0,599954459
A_33_P3888485	NM_031938	BCO2	beta-carotene oxygenase 2	ENST00000438022	0,599928073
A_23_P405216	NM_001145083	ZNF619	zinc finger protein 619	ENST00000314686	0,598641196
A_33_P3843358	BG944179	SNORD8	small nucleolar RNA, C/D box 8		0,598630573
A_21_P0011424	THC2662045	XLOC_I2_005179			0,598565669
A_23_P424126	NM_014594	ZNF354C	zinc finger protein 354C	ENST00000315475	0,598403516
A_21_P0007801	THC2749949	XLOC_010258			0,598293122
A_21_P0013637	CB121594	XLOC_I2_015178			0,598174843
A_21_P0008028	TCONS_00021716	XLOC_010301			0,598002232
A_24_P375205	ENST00000389126	MKL2	MKL/myocardin-like 2	ENST00000389126	0,597601954
A_33_P3344504	ENST00000382938	APBA2	amyloid beta (A4) precursor protein-binding, family A, mem	ENST00000382938	0,597353979
A_21_P0000239	NR_002434	SNORD101	small nucleolar RNA, C/D box 101		0,597221858

A_33_P3290443	NR_002569	SCARNA9	small Cajal body-specific RNA 9	ENST00000530422	0,596495994
A_24_P71439	NM_015317	PUM2	pumilio homolog 2 (Drosophila)	ENST00000403432	0,596247991
A_32_P182388	NM_021217	ZNF77	zinc finger protein 77	ENST00000314531	0,595932515
A_23_P106117	NM_007374	SIX6	SIX homeobox 6	ENST00000327720	0,595733468
A_21_P0011289	TCONS_I2_0000841:XLOC_I2_004562				0,595671767
A_33_P3299319	NM_001136137	RPL28	ribosomal protein L28	ENST00000428193	0,595537416
A_24_P932939	NM_001008737	LOC401052	uncharacterized LOC401052	ENST00000420091	0,594974628
A_23_P148600	NR_024616	INE1	inactivation escape 1 (non-protein coding)	ENST00000456273	0,594541518
A_33_P3243028	NM_014208	DSPP	dentin sialophosphoprotein	ENST00000282478	0,594534546
A_32_P113114	NM_152289	ZNF561	zinc finger protein 561	ENST00000354661	0,594073993
A_21_P0007253	TCONS_00019427	XLOC_009243			0,593916375
A_23_P385126	NM_139160	DEPDC7	DEP domain containing 7	ENST00000311388	0,593780708
A_21_P0000512	NR_024343	SNAR-I	small ILF3/NF90-associated RNA I		0,593730746
A_21_P0009462	TCONS_00026292	XLOC_012636			0,59355574
A_23_P102000	NM_001008540	CXCR4	chemokine (C-X-C motif) receptor 4	ENST00000241393	0,593266931
A_24_P737939	NM_001012974	C6orf154	chromosome 6 open reading frame 154	ENST00000468319	0,592711585
A_33_P3265479	ENST00000522974	ZFAT	zinc finger and AT hook domain containing	ENST00000522974	0,592606822
A_23_P166823	NM_003280	TNNC1	troponin C type 1 (slow)	ENST00000461086	0,592540838
A_33_P3296289	XR_132508	LOC100128508	PP12100		0,592045913
A_33_P3372674	NR_026784	C6orf164	chromosome 6 open reading frame 164	ENST00000369572	0,59012869
A_33_P3267463	ENST00000381984	RFX3	regulatory factor X, 3 (influences HLA class II expression)	ENST00000381984	0,589915532
A_33_P3382143	NM_001243466	STARD13	StAR-related lipid transfer (START) domain containing 13	ENST00000399364	0,588911454
A_24_P393958	NM_007034	DNAJB4	DnaJ (Hsp40) homolog, subfamily B, member 4	ENST00000370763	0,58819764
A_23_P102000	NM_001008540	CXCR4	chemokine (C-X-C motif) receptor 4	ENST00000241393	0,588084617
A_23_P102000	NM_001008540	CXCR4	chemokine (C-X-C motif) receptor 4	ENST00000241393	0,587732523
A_23_P59714	NR_026902	MGC16142	uncharacterized protein MGC16142		0,587703025
A_33_P3273767	ENST00000442973	GJB7	gap junction protein, beta 7, 25kDa	ENST00000442973	0,587650507
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,587440959
A_33_P3490572	NM_152491	PM20D1	peptidase M20 domain containing 1	ENST00000460624	0,587216119

A_21_P0003369	ENST00000508135	XLOC_003549		ENST00000508135	0,587191444
A_23_P208240	ENST00000355147	ZNF160	zinc finger protein 160	ENST00000355147	0,586038228
A_23_P28953	NM_175850	DNMT3B	DNA (cytosine-5-)-methyltransferase 3 beta	ENST00000344505	0,585763423
A_19_P00318561	XR_108763	LOC100506516	uncharacterized LOC100506516	ENST00000414621	0,585721208
A_24_P9321	NM_003533	HIST1H3I	histone cluster 1, H3i	ENST00000328488	0,585504001
A_21_P0000298	NR_002916	SNORD8	small nucleolar RNA, C/D box 8		0,584061644
A_33_P3326588	NM_003840	TNFRSF10D	tumor necrosis factor receptor superfamily, member 10d, d	ENST00000312584	0,583732932
A_21_P0009107	TCONS_00024861	XLOC_011753			0,583573452
A_21_P0009216	TCONS_00025294	XLOC_012099			0,58266763
A_21_P0003098	TCONS_00006402	XLOC_003026			0,582205298
A_33_P3222769	NM_001013638	PRR25	proline rich 25	ENST00000301698	0,582153395
A_19_P00806490	NM_030625	TET1	tet methylcytosine dioxygenase 1	ENST00000373644	0,581102176
A_23_P203829	NM_015394	ZNF10	zinc finger protein 10	ENST00000426665	0,581044289
A_23_P102000	NM_001008540	CXCR4	chemokine (C-X-C motif) receptor 4	ENST00000241393	0,580606543
A_21_P0002348	TCONS_00004017	XLOC_001856			0,58056557
A_23_P90333	NM_001033719	ZNF404	zinc finger protein 404	ENST00000324394	0,58034063
A_32_P161994	NR_029448	LOC255411	uncharacterized LOC255411	ENST00000548054	0,580183047
A_23_P10206	NM_005328	HAS2	hyaluronan synthase 2	ENST00000303924	0,58018117
A_33_P3368339	NM_001045477	FAM22G	family with sequence similarity 22, member G	ENST00000354649	0,580032407
A_33_P3345796	ENST00000368982	SNX3	sorting nexin 3	ENST00000368982	0,579988446
A_33_P3464855	AL050097	DKFZP586B0319	DKFZP586B0319 protein		0,57953409
A_23_P142407	NM_033204	ZNF101	zinc finger protein 101	ENST00000444249	0,579509331
A_24_P231829	NM_017614	BHMT2	betaine--homocysteine S-methyltransferase 2	ENST00000255192	0,578987563
A_24_P146211	NM_021063	HIST1H2BD	histone cluster 1, H2bd	ENST00000377777	0,578767923
A_23_P253484	NM_016228	AADAT	aminoadipate aminotransferase	ENST00000353187	0,578763788
A_32_P61480	NR_026941	CASC2	cancer susceptibility candidate 2 (non-protein coding)		0,57854023
A_33_P3252588	NR_024485	LOC100130093	uncharacterized LOC100130093	ENST00000480897	0,578472457
A_21_P0003147	DB095195	XLOC_003201			0,578428098
A_32_P178945	NM_018566	YOD1	YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae)	ENST00000367084	0,577614695

A_23_P102000	NM_001008540	CXCR4	chemokine (C-X-C motif) receptor 4	ENST00000241393	0,57753077
A_23_P102000	NM_001008540	CXCR4	chemokine (C-X-C motif) receptor 4	ENST00000241393	0,577486032
A_33_P3262276	NM_001005280	OR10A7	olfactory receptor, family 10, subfamily A, member 7	ENST00000326258	0,577455701
A_23_P115805	NM_001143764	SYCE1	synaptonemal complex central element protein 1	ENST00000460441	0,577067316
A_33_P3410232	NR_024541	LY6G6E	lymphocyte antigen 6 complex, locus G6E (pseudogene)	ENST00000461287	0,577038914
A_24_P206317	NM_058176	HDAC9	histone deacetylase 9	ENST00000461159	0,576393759
A_21_P0000444	NR_003319	SNORD116-4	small nucleolar RNA, C/D box 116-4	ENST00000549804	0,576391139
A_33_P3234138	NR_036433	FAM172BP	family with sequence similarity 172, member B pseudogene		0,575553217
A_33_P3299386	NM_001039654	ZNF550	zinc finger protein 550	ENST00000506609	0,575526475
A_33_P3349289	NR_002222	ARGFXP2	arginine-fifty homeobox pseudogene 2		0,575453237
A_21_P0007998	ENST00000423739	XLOC_010633		ENST00000423739	0,575307014
A_23_P102000	NM_001008540	CXCR4	chemokine (C-X-C motif) receptor 4	ENST00000241393	0,575243303
A_21_P0004645	ENST00000451317	XLOC_005263		ENST00000451317	0,574956901
A_33_P3342830	NM_173201	ATP2A1	ATPase, Ca ⁺⁺ transporting, cardiac muscle, fast twitch 1	ENST00000357084	0,574237753
A_24_P363583	NM_006076	AGFG2	ArfGAP with FG repeats 2	ENST00000300176	0,574180905
A_24_P922919	NM_001040649	ACP1	acid phosphatase 1, soluble	ENST00000407983	0,574096298
A_21_P0001602	THC2750242	XLOC_001126			0,574005817
A_33_P3300147	NM_001001709	C9orf170	chromosome 9 open reading frame 170		0,573917155
A_33_P3269278	NM_153257	ZNF461	zinc finger protein 461	ENST00000396896	0,573571767
A_23_P102000	NM_001008540	CXCR4	chemokine (C-X-C motif) receptor 4	ENST00000241393	0,573361159
A_23_P16022	NM_005773	ZNF256	zinc finger protein 256	ENST00000282308	0,573166189
A_23_P140009	NM_000452	SLC10A2	solute carrier family 10 (sodium/bile acid cotransporter family 10)	ENST00000245312	0,572166782
A_21_P0004761	ENST00000430931	XLOC_005771		ENST00000430931	0,57206812
A_33_P3257703	NM_203299	C9orf131	chromosome 9 open reading frame 131	ENST00000435140	0,571837368
A_33_P3279019	NM_012397	SERPINB13	serpin peptidase inhibitor, clade B (ovalbumin), member 13	ENST00000269489	0,57180621
A_33_P3227842	NM_001166006	EPB41	erythrocyte membrane protein band 4.1 (elliptocytosis 1, RBC membrane protein 4.1)	ENST00000373797	0,571527603
A_19_P00813085	CN388809	XLOC_011183			0,571086344
A_23_P203115	NM_032780	TMEM25	transmembrane protein 25	ENST00000533627	0,570389164
A_33_P3676515	NR_027292	SSR4P1	signal sequence receptor, delta pseudogene 1		0,570155786

A_24_P393571	NM_004293	GDA	guanine deaminase	ENST00000358399	0,569458871
A_23_P144476	NM_199327	SPRY1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)	ENST00000339241	0,569351198
A_21_P0010769	NR_003366	ANKRD20A8P	ankyrin repeat domain 20 family, member A8, pseudogene	ENST00000412204	0,569347077
A_21_P0000281	NR_002737	SNORD59A	small nucleolar RNA, C/D box 59A		0,56934373
A_33_P3260146	NM_001193329	C9orf3	chromosome 9 open reading frame 3	ENST00000277198	0,56816644
A_21_P0000372	NR_003042	SNORD45C	small nucleolar RNA, C/D box 45C	ENST00000471759	0,568069756
A_19_P00320242	ENST00000551938	LOC100506948		ENST00000551938	0,56804666
A_32_P7823	NM_144578	MAPK1IP1L	mitogen-activated protein kinase 1 interacting protein 1-like	ENST00000395468	0,567506394
A_32_P24376	NM_001165252	LOC730755	keratin associated protein 2-4-like	ENST00000391418	0,567406177
A_21_P0005349	ENST00000421380	XLOC_005965		ENST00000421380	0,567364613
A_23_P105118	NM_001005237	OR51G1	olfactory receptor, family 51, subfamily G, member 1	ENST00000321961	0,567113983
A_33_P3261173	NM_005479	FRAT1	frequently rearranged in advanced T-cell lymphomas	ENST00000490980	0,566841325
A_23_P91850	NM_144717	IL20RB	interleukin 20 receptor beta	ENST00000475972	0,566452484
A_21_P0014779	ENST00000494753	PLIN2	perilipin 2	ENST00000494753	0,566111439
A_21_P0004133	ENST00000510261	XLOC_004847		ENST00000510261	0,566005765
A_33_P3423874	NM_001018100	MYZAP	myocardial zonula adherens protein	ENST00000380565	0,565585064
A_21_P0001652	TCONS_00001898	XLOC_001286			0,565230494
A_33_P3223062	XR_110934	LOC100507199	uncharacterized LOC100507199	ENST00000445330	0,56479765
A_33_P3278774	ENST00000483826	ZNF44	zinc finger protein 44	ENST00000483826	0,564086554
A_24_P129632	NM_004747	DLG5	discs, large homolog 5 (Drosophila)	ENST00000372388	0,563697645
A_33_P3329793	NR_003228	AFG3L1P	AFG3 ATPase family gene 3-like 1 (S. cerevisiae), pseudogene	ENST00000355531	0,563375889
A_23_P90079	NM_001080821	ZNF799	zinc finger protein 799	ENST00000430385	0,562966689
A_21_P0000382	NR_003059	SNORD71	small nucleolar RNA, C/D box 71		0,562878202
A_33_P3254306	ENST00000389168	FLCN	folliculin	ENST00000389168	0,562785741
A_21_P0000497	NR_004396	SNORD1B	small nucleolar RNA, C/D box 1B		0,562325091
A_33_P3420266	NM_001012421	ANKRD20A2	ankyrin repeat domain 20 family, member A2	ENST00000427650	0,562249831
A_21_P0003290	TCONS_00007198	XLOC_003181			0,561988856
A_21_P0011299	THC2554687	XLOC_I2_004595			0,561729769
A_21_P0003137	NM_001190470	MTRNR2L2	MT-RNR2-like 2	ENST00000536684	0,56123225

A_23_P335039	NM_133474	ZNF721	zinc finger protein 721	ENST00000338977	0,560749662
A_33_P3301752	XR_108277	FLJ21369	uncharacterized protein FLJ21369		0,559725657
A_33_P3220090	NM_001076781	ZNF391	zinc finger protein 391	ENST00000244576	0,559660063
A_33_P3266923	NM_014916	LMTK2	lemur tyrosine kinase 2	ENST00000297293	0,559388119
A_21_P0010959	TCONS_I2_0000433	XLOC_I2_002194			0,558825348
A_21_P0008781	ENST00000554440	XLOC_011583		ENST00000554440	0,558783736
A_32_P37592	NR_003003	SCARNA17	small Cajal body-specific RNA 17		0,558702609
A_23_P60727	NM_002247	KCNMA1	potassium large conductance calcium-activated channel, su	ENST00000412708	0,558408125
A_21_P0004986	TCONS_00012039	XLOC_005574			0,558371468
A_21_P0009786	BC034565	XLOC_013043			0,558306549
A_33_P3394065	ENST00000376565	PIP4K2A	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	ENST00000376565	0,557589532
A_23_P102000	NM_001008540	CXCR4	chemokine (C-X-C motif) receptor 4	ENST00000241393	0,55752593
A_23_P107963	NM_000148	FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase)	ENST00000310160	0,557411236
A_21_P0001875	ENST00000433065	XLOC_001515		ENST00000433065	0,557325396
A_21_P0005632	AK130001	XLOC_006857			0,557259482
A_33_P3379017	NM_015094	HIC2	hypermethylated in cancer 2	ENST00000407598	0,556612434
A_23_P75063	NM_032372	DYDC2	DPY30 domain containing 2	ENST00000444807	0,556577702
A_23_P66967	NM_004066	CETN1	centrin, EF-hand protein, 1	ENST00000327228	0,556518292
A_23_P59069	NM_003527	HIST1H2BO	histone cluster 1, H2bo	ENST00000303806	0,556287761
A_23_P168556	NM_004603	STX1A	syntaxin 1A (brain)	ENST00000222812	0,556068093
A_21_P0013397	ENST00000425880	XLOC_I2_013529		ENST00000425880	0,556026102
A_33_P3812815	NM_000296	PKD1	polycystic kidney disease 1 (autosomal dominant)	ENST00000537889	0,555593388
A_23_P167401	NM_018931	PCDHB11	protocadherin beta 11	ENST00000536699	0,555365984
A_33_P3375451	NM_025081	NYNRIN	NYN domain and retroviral integrase containing	ENST00000206466	0,555320719
A_23_P213166	NM_018392	C4orf21	chromosome 4 open reading frame 21	ENST00000506675	0,555276685
A_23_P164737	NM_004831	MED26	mediator complex subunit 26	ENST00000263390	0,554970209
A_23_P405110	NM_033313	CDC14A	CDC14 cell division cycle 14 homolog A (S. cerevisiae)	ENST00000370124	0,554557114
A_21_P0003151	TCONS_00006586	XLOC_003203			0,554418736
A_33_P3806704	AF130117	LOC100129198	PRO2866		0,55418969

A_33_P3405888	AF130105	LOC100133130	PRO1102		0,553708647
A_23_P79145	NM_144694	ZNF570	zinc finger protein 570	ENST00000330173	0,553456554
A_19_P00316719	ENST00000451392	XLOC_I2_008434		ENST00000451392	0,553373616
A_33_P3421748	ENST00000381679	SON	SON DNA binding protein	ENST00000381679	0,553099312
A_21_P0010592	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000447412	0,552375667
A_23_P74042	NM_012302	LPHN2	latrophilin 2	ENST00000370725	0,552198935
A_33_P3272429	ENST00000472407	CCDC126	coiled-coil domain containing 126	ENST00000472407	0,552132318
A_21_P0001771	AK022396	FLJ12334	uncharacterized LOC400946		0,552096633
A_21_P0001842	NR_033875	FLJ12334	uncharacterized LOC400946		0,551635696
A_21_P0000254	NR_002560	SNORD31	small nucleolar RNA, C/D box 31		0,550522608
A_23_P304016	BC006438	LOC100132167	uncharacterized LOC100132167		0,550085711
A_23_P256244	ENST00000497705	OXR1	oxidation resistance 1	ENST00000497705	0,54920284
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,549185511
A_21_P0003480	ENST00000510744	XLOC_003988		ENST00000510744	0,549085314
A_33_P3252333	NR_003271	SNORD3B-1	small nucleolar RNA, C/D box 3B-1		0,548954989
A_21_P0007844	XR_110328	LOC100507616	uncharacterized LOC100507616		0,548851331
A_23_P428999	NM_006540	NCOA2	nuclear receptor coactivator 2	ENST00000518287	0,548750208
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,548665227
A_24_P226332	NM_004440	EPHA7	EPH receptor A7	ENST00000369303	0,548544041
A_21_P0012396	NR_027898	COL6A4P2	collagen, type VI, alpha 4 pseudogene 2		0,548394009
A_23_P218827	NM_199420	POLQ	polymerase (DNA directed), theta	ENST00000393672	0,548329133
A_21_P0000268	NR_002584	SNORA69	small nucleolar RNA, H/ACA box 69	ENST00000477403	0,54807721
A_21_P0006142	TCONS_00015970	XLOC_007342			0,547833639
A_24_P378402	NM_152457	ZNF597	zinc finger protein 597	ENST00000301744	0,547517074
A_21_P0000209	NR_000009	SNORD4B	small nucleolar RNA, C/D box 4B		0,547270031
A_33_P3640690	NM_001128128	ZEB1	zinc finger E-box binding homeobox 1	ENST00000541037	0,547260141
A_33_P3388771	XR_133170	LOC100509175	zinc finger protein 726-like		0,546814836
A_33_P3399864	NM_175872	ZNF792	zinc finger protein 792	ENST00000379189	0,54624119
A_21_P0000224	NR_000027	SNORD83A	small nucleolar RNA, C/D box 83A		0,546154172

A_33_P3323347	NM_152475	ZNF417	zinc finger protein 417	ENST00000312026	0,546057466
A_21_P0006339	TCONS_00016530	XLOC_007264			0,54544999
A_33_P3366048	NM_080616	C20orf112	chromosome 20 open reading frame 112	ENST00000359676	0,545007569
A_32_P2392	NM_181077	GOLGA8A	golgin A8 family, member A	ENST00000509311	0,544890464
A_33_P3709317	NR_002964	SNORA28	small nucleolar RNA, H/ACA box 28		0,544656818
A_23_P165676	ENST00000491265	MZT2A	mitotic spindle organizing protein 2A	ENST00000491265	0,543964877
A_23_P205177	NM_000504	F10	coagulation factor X	ENST00000375559	0,543580083
A_23_P8013	NM_003519	HIST1H2BL	histone cluster 1, H2bl	ENST00000377401	0,542878634
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,542812427
A_21_P0011003	TCONS_I2_0000486	XLOC_I2_002537			0,542749922
A_33_P3314550	NM_002866	RAB3A	RAB3A, member RAS oncogene family	ENST00000222256	0,542737816
A_33_P3365710	AK125522	ATP6V0D1	ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d1		0,542602586
A_23_P346421	NM_018181	ZNF532	zinc finger protein 532	ENST00000336078	0,542519517
A_33_P3381483	NM_018555	ZNF331	zinc finger protein 331	ENST00000253144	0,542393187
A_32_P140706	NM_000535	PMS2	PMS2 postmeiotic segregation increased 2 (<i>S. cerevisiae</i>)	ENST00000338780	0,542054985
A_32_P169179	NR_002307	MSX2P1	msh homeobox 2 pseudogene 1		0,542043001
A_21_P0000563	NR_028374	SNORA80B	small nucleolar RNA, H/ACA box 80B		0,541623151
A_24_P22981	NM_021047	ZNF253	zinc finger protein 253	ENST00000355650	0,540992534
A_21_P0004664	ENST00000443221	XLOC_005365		ENST00000443221	0,540952377
A_33_P3374035	AK094630	PDXK	pyridoxal (pyridoxine, vitamin B6) kinase		0,540724673
A_33_P3388283	ENST00000496907	HMGCL	3-hydroxymethyl-3-methylglutaryl-CoA lyase	ENST00000496907	0,540213756
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,539964919
A_24_P860797	NM_020459	PAIP2B	poly(A) binding protein interacting protein 2B	ENST00000244221	0,539763986
A_23_P259555	NM_030959	OR12D3	olfactory receptor, family 12, subfamily D, member 3	ENST00000377143	0,539661448
A_23_P111395	NM_003058	SLC22A2	solute carrier family 22 (organic cation transporter), member 2	ENST00000498556	0,539601323
A_23_P122068	NM_181435	C1QTNF3	C1q and tumor necrosis factor related protein 3	ENST00000513471	0,539375084
A_33_P3318444	NM_001146684	RNF222	ring finger protein 222	ENST00000399398	0,539347298
A_24_P121846	NM_003433	ZNF132	zinc finger protein 132	ENST00000391695	0,539227708
A_21_P0013650	TCONS_I2_0002934	XLOC_I2_015212			0,538614504

A_24_P292470	NM_022803	UCP3	uncoupling protein 3 (mitochondrial, proton carrier)	ENST00000426995	0,538312389
A_24_P48248	NM_024032	C17orf53	chromosome 17 open reading frame 53	ENST00000245382	0,538265436
A_23_P309950	ENST00000370271	FAM178A	family with sequence similarity 178, member A	ENST00000370271	0,538179755
A_23_P27636	NM_144566	ZNF700	zinc finger protein 700	ENST00000254321	0,538160795
A_33_P3313145	NM_002217	ITIH3	inter-alpha-trypsin inhibitor heavy chain 3	ENST00000493136	0,537881825
A_21_P0013856	THC2516011	XLOC_I2_015641			0,537870491
A_21_P0004225	TCONS_00009868	XLOC_004285			0,53760374
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,537013695
A_21_P0013267	NR_026999	LINC00265	long intergenic non-protein coding RNA 265	ENST00000427210	0,536994967
A_33_P3346552	NR_003287	RN28S1	RNA, 28S ribosomal 1		0,536559931
A_33_P3229452	AK126441	FLJ44477	FLJ44477 protein		0,536471651
A_33_P3327076	NM_001001824	OR2T27	olfactory receptor, family 2, subfamily T, member 27	ENST00000344889	0,536467948
A_23_P58729	NM_003052	SLC34A1	solute carrier family 34 (sodium phosphate), member 1	ENST00000513614	0,536466326
A_33_P3252630	NM_203282	ZNF254	zinc finger protein 254	ENST00000392281	0,536204614
A_33_P3300800	NR_024042	GUCY2E	guanylate cyclase 2E	ENST00000526984	0,535641938
A_23_P67424	NM_153257	ZNF461	zinc finger protein 461	ENST00000396892	0,535305616
A_23_P50217	NM_024833	ZNF671	zinc finger protein 671	ENST00000317398	0,535237976
A_21_P0000161	NM_001204911	C16orf57	chromosome 16 open reading frame 57		0,535135152
A_21_P0014934	NR_045375	LOC100506124	uncharacterized LOC100506124	ENST00000536175	0,535027117
A_21_P0011737	TCONS_I2_0001300	XLOC_I2_006996			0,53489794
A_33_P3373437	XR_108760	LOC100129463	uncharacterized LOC100129463	ENST00000523608	0,53431684
A_21_P0008920	TCONS_00024362	XLOC_011686			0,534259698
A_21_P0014036	ENST00000547771	C12orf28	chromosome 12 open reading frame 28	ENST00000547771	0,53409093
A_21_P0006023	ENST00000422010	XLOC_007422		ENST00000422010	0,533444739
A_24_P93754	NM_001146694	KDM4C	lysine (K)-specific demethylase 4C	ENST00000381306	0,532681633
A_23_P502464	NM_000625	NOS2	nitric oxide synthase 2, inducible	ENST00000313735	0,532580255
A_33_P3255741	NM_007137	ZNF81	zinc finger protein 81	ENST00000376954	0,531791938
A_23_P130482	NM_198855	ZNF211	zinc finger protein 211	ENST00000254182	0,531758618
A_23_P94141	NM_001205262	RAD54B	RAD54 homolog B (S. cerevisiae)	ENST00000543299	0,531304067

A_21_P0003553	ENST00000508799	XLOC_004228		ENST00000508799	0,530968362
A_33_P3224795	NM_022466	IKZF5	IKAROS family zinc finger 5 (Pegasus)	ENST00000368886	0,530942235
A_33_P3438072	NR_040039	LOC157273	uncharacterized LOC157273	ENST00000520390	0,530873589
A_33_P3274618	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000427210	0,530526727
A_21_P0011133	NM_199254	TPTE2	transmembrane phosphoinositide 3-phosphatase and tensin	ENST00000440905	0,530415392
A_33_P3389852	NM_017679	BCAS3	breast carcinoma amplified sequence 3	ENST00000405217	0,53026232
A_33_P3313825	ENST00000383765	TGFBR2	transforming growth factor, beta receptor II (70/80kDa)	ENST00000383765	0,530256414
A_21_P0014018	XM_003403487	LOC100652736	uncharacterized protein LOC100652736		0,530254705
A_21_P0012371	CR624823	LOC645206	uncharacterized LOC645206		0,529381666
A_33_P3338152	ENST00000457865	HIF3A	hypoxia inducible factor 3, alpha subunit	ENST00000457865	0,52925745
A_33_P3242632	NR_033930	LOC646743	uncharacterized LOC646743	ENST00000419965	0,528964261
A_21_P0009368	XR_109440	LOC100507520	uncharacterized LOC100507520		0,528849753
A_33_P3325643	NR_038369	LINC00487	long intergenic non-protein coding RNA 487	ENST00000382045	0,528842596
A_32_P182394	NM_021217	ZNF77	zinc finger protein 77	ENST00000314531	0,528324215
A_33_P3485760	ENST00000462527	EIF3A	eukaryotic translation initiation factor 3, subunit A	ENST00000462527	0,52810864
A_19_P00318916	NR_038988	LOC100287765			0,528039398
A_33_P3651282	ENST00000546204	TCP1	t-complex 1	ENST00000546204	0,527834438
A_23_P355439	NM_170745	HIST1H2AA	histone cluster 1, H2aa	ENST00000297012	0,527003352
A_21_P0013894	TCONS_I2_0003092	XLOC_I2_015938			0,526827727
A_33_P3278298	AK131362	NOM1	nucleolar protein with MIF4G domain 1		0,526755967
A_21_P0004760	THC2677844	XLOC_005764			0,526719693
A_23_P120125	NM_199235	COLEC11	collectin sub-family member 11	ENST00000382062	0,52657918
A_24_P321634	NM_001039650	ZMYM5	zinc finger, MYM-type 5	ENST00000467542	0,526515191
A_24_P350589	NM_020724	RNF150	ring finger protein 150	ENST00000306799	0,526497155
A_21_P0007077	TCONS_00018816	XLOC_008613			0,52617504
A_33_P3253628	ENST00000476487	AGXT2L2	alanine-glyoxylate aminotransferase 2-like 2	ENST00000476487	0,526129912
A_21_P0000847	NR_038942	LOC100630918	uncharacterized LOC100630918		0,525983686
A_24_P409519	NM_006906	PTPN5	protein tyrosine phosphatase, non-receptor type 5 (striatum)	ENST00000396171	0,525958964
A_23_P359636	NM_144695	BROX	BRO1 domain and CAAX motif containing	ENST00000539697	0,52595465

A_21_P0000244	NR_002440	SNORD16	small nucleolar RNA, C/D box 16		0,525710948
A_33_P3380625	NM_005529	HSPG2	heparan sulfate proteoglycan 2	ENST00000374676	0,525557499
A_33_P3303748	NM_017990	PDPR	pyruvate dehydrogenase phosphatase regulatory subunit	ENST00000429810	0,524461765
A_21_P0012222	BC036580	C21orf81	ankyrin repeat domain 20 family, member A3 pseudogene		0,524145194
A_23_P127394	NM_021117	CRY2	cryptochrome 2 (photolyase-like)	ENST00000443527	0,524132272
A_21_P0011390	Y10483	PRKXP1	protein kinase, X-linked, pseudogene 1		0,524132188
A_24_P168574	ENST00000481768	GNAS	GNAS complex locus	ENST00000481768	0,524029368
A_33_P3291524	NM_001143939	ZNF534	zinc finger protein 534	ENST00000332323	0,523991466
A_33_P3271930	NM_153824	PYCR1	pyrroline-5-carboxylate reductase 1	ENST00000402252	0,523614116
A_21_P0004121	ENST00000511579	XLOC_004774		ENST00000511579	0,523589263
A_33_P3390955	NR_004422	HPVC1	human papillomavirus (type 18) E5 central sequence-like 1		0,52314109
A_21_P0000560	NR_028358	TMEM30C	transmembrane protein 30C	ENST00000476804	0,523038201
A_21_P0007078	TCONS_00018817	XLOC_008614			0,522822324
A_21_P0004549	TCONS_00010875	XLOC_004700			0,521767728
A_19_P00321765	NR_038988	LOC100287765			0,521585578
A_33_P3265956	ENST00000397798	CBFA2T2	core-binding factor, runt domain, alpha subunit 2; transloc	ENST00000397798	0,521566494
A_23_P125686	NR_002226	INGX	inhibitor of growth family, X-linked, pseudogene	ENST00000489074	0,521510993
A_33_P3299165	NR_033889	LOC440131	uncharacterized LOC440131	ENST00000380640	0,52106666
A_33_P3365134	NM_015316	PPP1R13B	protein phosphatase 1, regulatory subunit 13B	ENST00000423488	0,52102451
A_21_P0005809	BC043205	C8orf50	chromosome 8 open reading frame 50		0,520880831
A_23_P501080	NM_007139	ZNF92	zinc finger protein 92	ENST00000450302	0,520442375
A_33_P3324181	AK096599	LOC283112	uncharacterized LOC283112		0,519677901
A_33_P3671729	AK126671	FLJ44715	FLJ44715 gene product		0,519348011
A_23_P108673	NM_032181	FAM176A	family with sequence similarity 176, member A	ENST00000410113	0,519202843
A_21_P0000486	NR_004054	SNORD103A	small nucleolar RNA, C/D box 103A		0,519106837
A_23_P364107	NM_018353	MIS18BP1	MIS18 binding protein 1	ENST00000470424	0,519054002
A_23_P308954	NM_030639	BHLHB9	basic helix-loop-helix domain containing, class B, 9	ENST00000457056	0,518516153
A_23_P99405	NM_003453	ZMYM2	zinc finger, MYM-type 2	ENST00000382871	0,518245116
A_33_P3257042	NM_001193552	ZNF850	zinc finger protein 850		0,51823021

A_32_P151875	NM_020781	ZNF398	zinc finger protein 398	ENST00000426851	0,518216284
A_33_P3321369	XR_109231	LOC145757	uncharacterized LOC145757		0,517641466
A_33_P3333587	NM_032875	FBXL20	F-box and leucine-rich repeat protein 20	ENST00000264658	0,517515281
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,517159107
A_33_P3209005	AK097159	ZNF673	zinc finger family member 673		0,517096485
A_33_P3422301	NM_032406	PCDHGC4	protocadherin gamma subfamily C, 4	ENST00000306593	0,517021057
A_33_P3287113	ENST00000296312	KIAA1530	KIAA1530	ENST00000296312	0,516918905
A_21_P0011935	ENST00000431244	XLOC_I2_008140		ENST00000431244	0,516752664
A_23_P131348	NM_025264	THUMPD2	THUMP domain containing 2	ENST00000530095	0,516581976
A_33_P3229067	NM_003520	HIST1H2BN	histone cluster 1, H2bn	ENST00000396980	0,516574402
A_24_P85243	ENST00000360669	FAM153A	family with sequence similarity 153, member A	ENST00000360669	0,516472027
A_33_P3321801	NR_027439	LOC100272216	uncharacterized LOC100272216		0,516320654
A_23_P147439	NM_148416	ATXN2L	ataxin 2-like	ENST00000359153	0,51614652
A_33_P3317387	BC033823	DNAJC3	DnaJ (Hsp40) homolog, subfamily C, member 3		0,515893455
A_23_P383132	NM_015094	HIC2	hypermethylated in cancer 2	ENST00000443632	0,515738602
A_23_P129005	NM_025081	NYNRIN	NYN domain and retroviral integrase containing	ENST00000382554	0,515635136
A_33_P3363082	NR_003008	SCARNA5	small Cajal body-specific RNA 5		0,515500055
A_23_P217899	NM_030937	CCNL2	cyclin L2	ENST00000480479	0,515420304
A_33_P3520835	AK123449	FLJ41455	uncharacterized LOC441441		0,515141207
A_33_P3355266	NM_022164	TINAGL1	tubulointerstitial nephritis antigen-like 1	ENST00000481165	0,514978601
A_33_P3288569	NM_001144891	MBIP	MAP3K12 binding inhibitory protein 1	ENST00000554855	0,514674479
A_21_P0005089	TCONS_00012365	XLOC_005930			0,514671834
A_33_P3361412	NM_018420	SLC22A15	solute carrier family 22, member 15	ENST00000369502	0,514406754
A_21_P0000291	NR_002751	SNORD41	small nucleolar RNA, C/D box 41		0,514389787
A_32_P226009	NM_023073	C5orf42	chromosome 5 open reading frame 42	ENST00000505431	0,514333382
A_23_P59855	NM_006524	ZNF138	zinc finger protein 138	ENST00000359735	0,514260639
A_21_P0011288	NM_012102	RERE	arginine-glutamic acid dipeptide (RE) repeats	ENST00000480342	0,514247117
A_33_P3232945	NM_005242	F2RL1	coagulation factor II (thrombin) receptor-like 1	ENST00000296677	0,514105265
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,513984834

A_23_P39050	NM_001080493	ZNF823	zinc finger protein 823	ENST00000341191	0,51394954
A_24_P102053	NM_002538	OCN	occludin	ENST00000396442	0,513648549
A_23_P303101	NM_032406	PCDHGC4	protocadherin gamma subfamily C, 4		0,513384989
A_24_P367242	NM_181607	KRTAP19-1	keratin associated protein 19-1	ENST00000433652	0,513345481
A_33_P3418511	NR_027756	HTA	uncharacterized LOC283902		0,513227174
A_21_P0013977	ENST00000493650	PCID2	PCI domain containing 2	ENST00000493650	0,513137958
A_23_P84910	NM_003446	ZNF157	zinc finger protein 157	ENST00000377073	0,513048924
A_33_P3331426	XR_108343	FLJ37786	uncharacterized LOC642691		0,513038087
A_21_P0000222	NR_000024	SNORD46	small nucleolar RNA, C/D box 46		0,512641105
A_23_P366216	NM_003524	HIST1H2BH	histone cluster 1, H2bh	ENST00000356350	0,512549916
A_33_P3409245	XR_110199	LOC401286	uncharacterized LOC401286		0,512365387
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,512013719
A_33_P3318861	NM_001093730	DYTN	dystrotelin	ENST00000452335	0,511815793
A_33_P3274034	ENST00000316024	WRAP53	WD repeat containing, antisense to TP53	ENST00000316024	0,511775534
A_32_P170547	NM_001007551	CT45A5	cancer/testis antigen family 45, member A5	ENST00000491480	0,511729189
A_33_P3404435	NM_001160224	RNF170	ring finger protein 170	ENST00000319104	0,51164476
A_33_P3213419	AK054946	LOC100129447	uncharacterized LOC100129447		0,511441811
A_33_P3352632	AK096262	LOC728147	uncharacterized LOC728147		0,51136976
A_24_P50248	NM_001077710	FAM110C	family with sequence similarity 110, member C	ENST00000327669	0,511334403
A_23_P41541	NM_138364	PRMT10	protein arginine methyltransferase 10 (putative)	ENST00000511687	0,511271986
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,510982319
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,51097015
A_23_P160869	NM_014813	LRIG2	leucine-rich repeats and immunoglobulin-like domains 2	ENST00000466161	0,510880988
A_33_P3359791	ENST00000484389	TDRD3	tudor domain containing 3	ENST00000484389	0,510858863
A_33_P3366754	AK126945	LOC100128670	uncharacterized LOC100128670		0,510641706
A_23_P40078	NM_003400	XPO1	exportin 1 (CRM1 homolog, yeast)	ENST00000406957	0,510636991
A_33_P3256272	NM_198694	KRTAP10-5	keratin associated protein 10-5	ENST00000400372	0,510570942
A_23_P110462	NM_013340	PCDHB1	protocadherin beta 1	ENST00000306549	0,5105272
A_21_P0000980	ENST00000450811	XLOC_000229		ENST00000450811	0,510374068

A_21_P0009251	TCONS_00025417	XLOC_012226				0,510319701
A_21_P0010681	TCONS_I2_00001916	XLOC_I2_001414				0,510292209
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744		0,510070859
A_33_P3387155	NR_002814	LOC374443	CLR pseudogene			-0,500052592
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748		-0,500126425
A_23_P163639	NM_013275	ANKRD11	ankyrin repeat domain 11	ENST00000378330		-0,500258228
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624		-0,500282771
A_21_P0001444	TCONS_00001347	XLOC_000638				-0,500297171
A_23_P23279	NM_052862	RCSD1	RCSD domain containing 1	ENST00000367854		-0,500324732
A_24_P296698	NM_145109	MAP2K3	mitogen-activated protein kinase kinase 3	ENST00000316920		-0,500650283
A_24_P226008	NM_007283	MGLL	monoglyceride lipase	ENST00000536024		-0,500717483
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272		-0,500778374
A_23_P3956	NM_198594	C1QTNF1	C1q and tumor necrosis factor related protein 1	ENST00000339142		-0,500822486
A_24_P286465	NM_033224	PURB	purine-rich element binding protein B	ENST00000395699		-0,500843076
A_33_P3385785	NM_005621	S100A12	S100 calcium binding protein A12	ENST00000368736		-0,500852935
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624		-0,500957082
A_33_P3223759	NM_005121	MED13	mediator complex subunit 13	ENST00000397786		-0,501006818
A_33_P3334908	NM_145177	DHRX	dehydrogenase/reductase (SDR family) X-linked	ENST00000334651		-0,501008659
A_23_P65068	NM_001008394	EID3	EP300 interacting inhibitor of differentiation 3	ENST00000527879		-0,501427192
A_33_P3260430	NM_005988	SPRR2A	small proline-rich protein 2A	ENST00000392653		-0,501496924
A_33_P3291484	NM_005668	ST8SIA4	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4			-0,501502255
A_24_P286569	NM_018697	LANCL2	LanC lantibiotic synthetase component C-like 2 (bacterial)	ENST00000254770		-0,501793905
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595		-0,502342835
A_33_P3241021	ENST00000416624	CD69	CD69 molecule	ENST00000416624		-0,502471946
A_21_P0011827	TCONS_I2_00013845	XLOC_I2_007449				-0,502723801
A_24_P253818	NM_004475	FLOT2	flotillin 2	ENST00000465427		-0,502746314
A_32_P231568	NM_152573	RASEF	RAS and EF-hand domain containing	ENST00000376447		-0,502818032
A_33_P3249072	ENST00000370642	HOGA1	4-hydroxy-2-oxoglutarate aldolase 1	ENST00000370642		-0,50284062
A_19_P00805812	THC2535688	Q5A5F0				-0,502844838

A_21_P0005154	TCONS_00012648	XLOC_005589				-0,503089982
A_24_P238040	NM_004505	USP6	ubiquitin specific peptidase 6 (Tre-2 oncogene)	ENST00000332776		-0,503188224
A_23_P142849	NM_005168	RND3	Rho family GTPase 3	ENST00000375734		-0,503479442
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326		-0,503732355
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748		-0,503921308
A_33_P3630129	AK128708	FLJ46875	uncharacterized LOC440918			-0,503933007
A_32_P98072	NM_007113	TCHH	trichohyalin	ENST00000368804		-0,503991133
A_21_P0011723	TCONS_I2_00012888	XLOC_I2_006937				-0,504373659
A_33_P3738458	NM_022648	TNS1	tensin 1	ENST00000171887		-0,50438626
A_23_P103765	NM_002001	FCER1A	Fc fragment of IgE, high affinity I, receptor for; alpha polypeptide	ENST00000368115		-0,504473893
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624		-0,504545879
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696		-0,504730559
A_21_P0008500	TCONS_00022897	XLOC_011151				-0,504801178
A_33_P3317580	NM_001495	GFRA2	GDNF family receptor alpha 2	ENST00000400782		-0,504865748
A_23_P253068	NM_013366	ANAPC2	anaphase promoting complex subunit 2	ENST00000483432		-0,504873533
A_23_P142849	NM_005168	RND3	Rho family GTPase 3	ENST00000375734		-0,50503936
A_23_P99891	NM_022566	MESDC1	mesoderm development candidate 1	ENST00000267984		-0,505179535
A_21_P0002558	TCONS_00004641	XLOC_002554				-0,505273734
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696		-0,50527444
A_23_P13907	NM_000618	IGF1	insulin-like growth factor 1 (somatomedin C)	ENST00000481539		-0,50536
A_33_P3263867	NM_002562	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7	ENST00000328963		-0,505615288
A_23_P3379	NM_002891	RASGRF1	Ras protein-specific guanine nucleotide-releasing factor 1	ENST00000394741		-0,505678018
A_32_P74955	NM_152641	ARID2	AT rich interactive domain 2 (ARID, RFX-like)	ENST00000338636		-0,505811558
A_23_P154849	NM_138983	OLIG1	oligodendrocyte transcription factor 1	ENST00000426947		-0,506299068
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728		-0,506335028
A_23_P136936	NM_003179	SYP	synaptophysin	ENST00000263233		-0,506770701
A_21_P0005841	TCONS_00015020	XLOC_007094				-0,506897235
A_23_P23502	NM_001005185	OR6N1	olfactory receptor, family 6, subfamily N, member 1	ENST00000335094		-0,506928884
A_24_P915196	NM_153045	C9orf91	chromosome 9 open reading frame 91	ENST00000374049		-0,507149433

A_23_P120428	NM_014477	TP53TG5	TP53 target 5	ENST00000494455	-0,507595735
A_24_P68908	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000423298	-0,507874484
A_23_P300033	NM_006206	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	ENST00000257290	-0,507896325
A_33_P3292402	ENST00000468759	LRRIQ3	leucine-rich repeats and IQ motif containing 3	ENST00000468759	-0,507964045
A_23_P11984	NM_201649	SLC6A9	solute carrier family 6 (neurotransmitter transporter, glycine)	ENST00000537678	-0,508036773
A_32_P208403	NM_053064	GNG2	guanine nucleotide binding protein (G protein), gamma 2	ENST00000335281	-0,50805305
A_21_P0008214	THC2669116	XLOC_010719			-0,508330464
A_33_P3544856	AK090616	LOC100292680	uncharacterized LOC100292680		-0,508464237
A_24_P256692	NM_198551	MIA3	melanoma inhibitory activity family, member 3	ENST00000344441	-0,508570888
A_21_P0013913	XM_001713923	LOC728802	myomegalin-like		-0,508611624
A_23_P200999	NM_174963	ST3GAL3	ST3 beta-galactoside alpha-2,3-sialyltransferase 3	ENST00000262915	-0,508734262
A_21_P0012878	NM_024786	ZDHHC11	zinc finger, DHHC-type containing 11	ENST00000507800	-0,508830835
A_21_P0001178	AK124918	XLOC_001023			-0,508835906
A_24_P77082	NM_003679	KMO	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)	ENST00000366555	-0,508892007
A_23_P171095	NM_001145073	USP27X	ubiquitin specific peptidase 27, X-linked		-0,508920788
A_21_P0006599	TCONS_00017629	XLOC_008277			-0,508968018
A_21_P0009430	AK094957	FLJ37638	uncharacterized LOC400660		-0,509331175
A_33_P3237977	NM_197958	LARP6	La ribonucleoprotein domain family, member 6	ENST00000344870	-0,509452877
A_21_P0000173	NR_045116	C5orf56	chromosome 5 open reading frame 56	ENST00000464024	-0,509654033
A_24_P410797	AK125979	KALRN	kalirin, RhoGEF kinase	ENST00000393496	-0,510053037
A_21_P0010765	ENST00000417385	XLOC_l2_001037		ENST00000417385	-0,510053759
A_21_P0011496	NM_001025195	CES1	carboxylesterase 1	ENST00000360526	-0,510098342
A_23_P319792	NM_019001	XRN1	5'-3' exoribonuclease 1	ENST00000264951	-0,510139867
A_23_P153853	NM_001398	ECH1	enoyl CoA hydratase 1, peroxisomal	ENST00000221418	-0,510295218
A_23_P42257	NM_003897	IER3	immediate early response 3	ENST00000376382	-0,510331619
A_21_P0013976	XM_001723486	LOC100130476	uncharacterized LOC100130476		-0,510367882
A_33_P3409238	XR_110199	LOC401286	uncharacterized LOC401286		-0,510588256
A_23_P48596	NM_198232	RNASE1	ribonuclease, RNase A family, 1 (pancreatic)	ENST00000412779	-0,510780848
A_23_P46871	NM_018344	SLC29A3	solute carrier family 29 (nucleoside transporters), member 3	ENST00000373189	-0,511072911

A_33_P3313730	NM_001145855	SH3BP2	SH3-domain binding protein 2	ENST00000356331	-0,511372999
A_23_P65442	NM_006084	IRF9	interferon regulatory factor 9	ENST00000396864	-0,511504931
A_23_P34093	NM_000402	G6PD	glucose-6-phosphate dehydrogenase	ENST00000369620	-0,511512078
A_21_P0013577	AL117574	XLOC_I2_014830			-0,511538501
A_33_P3253394	NM_002287	LAIR1	leukocyte-associated immunoglobulin-like receptor 1		-0,511759563
A_23_P150903	NM_018099	FAR2	fatty acyl CoA reductase 2	ENST00000182377	-0,51190945
A_23_P51487	NM_018284	GBP3	guanylate binding protein 3	ENST00000370481	-0,512016525
A_33_P3383816	NR_024484	LOC400657	uncharacterized LOC400657		-0,512032068
A_19_P00809624	NM_001145191	FAM200B		ENST00000504137	-0,512214763
A_21_P0008360	TCONS_00022563	XLOC_010881			-0,512838846
A_23_P151710	NM_000956	PTGER2	prostaglandin E receptor 2 (subtype EP2), 53kDa	ENST00000245457	-0,513424549
A_21_P0013122	BC039678	XLOC_I2_012378			-0,513425673
A_23_P117298	NM_000131	F7	coagulation factor VII (serum prothrombin conversion accel	ENST00000346342	-0,513464217
A_24_P68783	NM_012275	IL36RN	interleukin 36 receptor antagonist	ENST00000393200	-0,513911699
A_23_P81934	NM_025260	C6orf25	chromosome 6 open reading frame 25	ENST00000485548	-0,513981401
A_23_P57856	NM_001130845	BCL6	B-cell CLL/lymphoma 6	ENST00000419510	-0,514081987
A_21_P0010632	TCONS_I2_0000138	XLOC_I2_001011			-0,514349696
A_23_P68669	NM_024944	CHODL	chondrolectin	ENST00000338326	-0,514639985
A_33_P3210099	NM_020778	ALPK3	alpha-kinase 3	ENST00000258888	-0,514783689
A_21_P0007481	NR_033878	LOC387895	uncharacterized LOC387895		-0,515391497
A_33_P3401008	NM_001085488	TMEM150B	transmembrane protein 150B	ENST00000438693	-0,515450833
A_33_P3212555	NM_000313	PROS1	protein S (alpha)	ENST00000394236	-0,515992063
A_23_P142849	NM_005168	RND3	Rho family GTPase 3	ENST00000375734	-0,516101827
A_23_P99063	NM_002345	LUM	lumican	ENST00000548071	-0,516126258
A_24_P295330	NM_139246	TSTD2	thiosulfate sulfurtransferase (rhodanese)-like domain conta	ENST00000354801	-0,516198202
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,516382381
A_21_P0013512	THC2568453	XLOC_I2_014504			-0,516423859
A_23_P50368	NM_206818	OSCAR	osteoclast associated, immunoglobulin-like receptor	ENST00000358375	-0,51646014
A_23_P94412	NM_025239	PDCD1LG2	programmed cell death 1 ligand 2	ENST00000397747	-0,5164642

A_24_P125335	NM_005408	CCL13	chemokine (C-C motif) ligand 13	ENST00000225844	-0,516688494
A_33_P3330209	NM_001127232	AUTS2	autism susceptibility candidate 2	ENST00000403018	-0,516710377
A_23_P34375	NM_003196	TCEA3	transcription elongation factor A (SII), 3	ENST00000450454	-0,516792692
A_24_P81298	NM_001123355	PPP6C	protein phosphatase 6, catalytic subunit	ENST00000373547	-0,516794705
A_33_P3255664	ENST00000474046	PBX1	pre-B-cell leukemia homeobox 1	ENST00000474046	-0,516838036
A_23_P215048	NM_014702	KIAA0408	KIAA0408	ENST00000368281	-0,516911575
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,517256015
A_32_P206899	NM_020877	DNAH2	dynein, axonemal, heavy chain 2	ENST00000389173	-0,517329531
A_32_P8925	NM_001012970	C1orf100	chromosome 1 open reading frame 100	ENST00000308105	-0,517438821
A_33_P3401753	NM_005304	FFAR3	free fatty acid receptor 3	ENST00000454971	-0,517625713
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,517946444
A_33_P3390557	NM_207510	LCNL1	lipocalin-like 1	ENST00000482657	-0,517994788
A_33_P3351279	NM_004767	GPR37L1	G protein-coupled receptor 37 like 1	ENST00000367282	-0,518045891
A_33_P3315223	NM_006805	HNRNPA0	heterogeneous nuclear ribonucleoprotein A0	ENST00000314940	-0,518077802
A_23_P94216	NM_152271	LONRF1	LON peptidase N-terminal domain and ring finger 1	ENST00000526680	-0,51810263
A_23_P381714	NM_198584	CA13	carbonic anhydrase XIII	ENST00000321764	-0,518251189
A_23_P54100	NM_001437	ESR2	estrogen receptor 2 (ER beta)	ENST00000357782	-0,51827814
A_33_P3253687	NR_003945	GVINP1	GTPase, very large interferon inducible pseudogene 1		-0,518323646
A_21_P0007584	TCONS_00020476	XLOC_009810			-0,518847312
A_24_P287043	NM_006435	IFITM2	interferon induced transmembrane protein 2 (1-8D)	ENST00000527146	-0,518943876
A_33_P3268783	NM_133463	AMZ1	archaelysin family metallopeptidase 1	ENST00000312371	-0,519005883
A_23_P72737	NM_003641	IFITM1	interferon induced transmembrane protein 1 (9-27)	ENST00000452428	-0,519731544
A_21_P0014939	XR_133425	BTBD9-AS1	BTBD9 antisense RNA 1 (non-protein coding)	ENST00000412822	-0,519737018
A_33_P3306413	NM_001167986	INCA1	inhibitor of CDK, cyclin A1 interacting protein 1	ENST00000396829	-0,519799789
A_21_P0005962	ENST00000523946	XLOC_007052		ENST00000523946	-0,519897165
A_23_P140563	NM_001040655	TTC23	tetratricopeptide repeat domain 23	ENST00000494567	-0,519905483
A_33_P3267208	NM_022048	CSNK1G1	casein kinase 1, gamma 1	ENST00000303052	-0,51999622
A_33_P3360997	NM_199292	TH	tyrosine hydroxylase	ENST00000333684	-0,520100789
A_23_P73609	NM_000266	NDP	Norrie disease (pseudoglioma)	ENST00000378062	-0,520694661

A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-0,520696185
A_21_P0006445	ENST00000366134	XLOC_008133		ENST00000366134	-0,520940308
A_23_P359043	NM_001004065	AKAP2	A kinase (PRKA) anchor protein 2	ENST00000374530	-0,520988282
A_19_P00319057	THC2545150	P39192			-0,521177283
A_33_P3239282	NM_004974	KCNA2	potassium voltage-gated channel, shaker-related subfamily,	ENST00000316361	-0,521253953
A_23_P113111	NM_000044	AR	androgen receptor	ENST00000544984	-0,521311194
A_23_P154208	NM_017567	NAGK	N-acetylglucosamine kinase	ENST00000455197	-0,5213689
A_33_P3260445	ENST00000367088	DYNLT1	dynein, light chain, Tctex-type 1	ENST00000367088	-0,521416536
A_24_P924862	NM_213589	RAPH1	Ras association (RalGDS/AF-6) and pleckstrin homology don	ENST00000319170	-0,521429604
A_23_P399501	NM_182470	PKM2	pyruvate kinase, muscle	ENST00000449901	-0,521512213
A_33_P3295358	NM_139314	ANGPTL4	angiopoietin-like 4	ENST00000301455	-0,521581939
A_23_P109055	NM_033550	TP53RK	TP53 regulating kinase	ENST00000372102	-0,521630833
A_21_P0001407	TCONS_00001250	XLOC_000535			-0,521731664
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,52217406
A_21_P0007473	TCONS_00020154	XLOC_009604			-0,522429643
A_21_P0000576	NR_029376	LOC100294362	uncharacterized LOC100294362		-0,522522574
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,522611947
A_24_P567298	NM_004909	CSAG2	CSAG family, member 2	ENST00000356911	-0,522646795
A_33_P3351955	NM_201282	EGFR	epidermal growth factor receptor	ENST00000342916	-0,522771443
A_23_P210708	NM_001040022	SIRPA	signal-regulatory protein alpha	ENST00000358771	-0,523410014
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,523651014
A_23_P164253	NR_002181	PPY2	pancreatic polypeptide 2		-0,523750467
A_33_P3297050	NM_033087	ALG2	asparagine-linked glycosylation 2, alpha-1,3-mannosyltransl	ENST00000238477	-0,523874428
A_23_P55998	NM_005628	SLC1A5	solute carrier family 1 (neutral amino acid transporter), mei	ENST00000306894	-0,523954758
A_21_P0005092	ENST00000439703	XLOC_005935		ENST00000439703	-0,523963167
A_21_P0006016	ENST00000424682	XLOC_007390		ENST00000424682	-0,524258311
A_21_P0007639	TCONS_00020585	XLOC_009899			-0,524349168
A_33_P3691168	NM_001242638	IL31RA	interleukin 31 receptor A	ENST00000354961	-0,524494158
A_33_P3324980	NM_032199	ARID5B	AT rich interactive domain 5B (MRF1-like)	ENST00000309334	-0,524548736

A_21_P0002156	TCONS_00003535	XLOC_001309				-0,524603724
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728		-0,524685723
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484		-0,52482189
A_32_P75264	NM_178505	TMEM26	transmembrane protein 26	ENST00000399298		-0,525060953
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348		-0,525158533
A_23_P351148	NM_053282	SH2D1B	SH2 domain containing 1B	ENST00000359567		-0,52531226
A_19_P00317023	AK129745	Q6IHG2				-0,525410504
A_33_P3259917	NM_052890	PGLYRP2	peptidoglycan recognition protein 2	ENST00000340880		-0,525496869
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728		-0,525514306
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626		-0,525526417
A_33_P3239532	NM_017715	ZNF3	zinc finger protein 3	ENST00000413658		-0,525681168
A_19_P00320155	NR_023915	IPW	imprinted in Prader-Willi syndrome (non-protein coding)	ENST00000549804		-0,525728197
A_33_P3354678	NR_002777	TRIM78P	tripartite motif containing 78, pseudogene			-0,526002837
A_24_P81900	NM_006931	SLC2A3	solute carrier family 2 (facilitated glucose transporter), men	ENST00000486749		-0,526031412
A_33_P3324839	NM_006772	SYNGAP1	synaptic Ras GTPase activating protein 1	ENST00000418600		-0,526302406
A_33_P3333982	NM_022359	PDE4DIP	phosphodiesterase 4D interacting protein	ENST00000527063		-0,526412885
A_23_P430558	NM_000751	CHRND	cholinergic receptor, nicotinic, delta	ENST00000543200		-0,526884546
A_21_P0000972	ENST00000431986	XLOC_000182		ENST00000431986		-0,526992859
A_21_P0009723	TCONS_00027056	XLOC_013099				-0,527003638
A_33_P3440636	AK091759	LOC286071	uncharacterized LOC286071			-0,527195529
A_33_P3315779	NM_001165136	HERC6	hect domain and RLD 6	ENST00000273960		-0,527592951
A_21_P0009435	TCONS_00026226	XLOC_012601				-0,527608659
A_21_P0008879	BX445613	XLOC_011882				-0,52772277
A_23_P374082	NM_033274	ADAM19	ADAM metallopeptidase domain 19	ENST00000257527		-0,527956712
A_33_P3383326	NM_057159	LPAR1	lysophosphatidic acid receptor 1	ENST00000374430		-0,528107362
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728		-0,528127178
A_33_P3310989	NM_014847	UBAP2L	ubiquitin associated protein 2-like	ENST00000433006		-0,528495903
A_19_P00320675	NR_034179	LOC653712		ENST00000480931		-0,528633591
A_23_P55990	NM_003827	NAPA	N-ethylmaleimide-sensitive factor attachment protein, alpha	ENST00000263354		-0,528650593

A_21_P0009948	TCONS_00028129	XLOC_013487				-0,528755467
A_21_P0007449	TCONS_00019986	XLOC_009261				-0,528976107
A_23_P421401	NM_002609	PDGFRB	platelet-derived growth factor receptor, beta polypeptide	ENST00000544453		-0,52926315
A_33_P3369567	NM_001242932	LSP1	lymphocyte-specific protein 1	ENST00000484895		-0,529266051
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129		-0,529422068
A_33_P3413815	NR_004405	LAMB2P1	laminin, beta 2 pseudogene 1			-0,52952612
A_21_P0012700	TCONS_I2_0002147:	XLOC_I2_011407				-0,52955594
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728		-0,529640035
A_23_P111978	NM_016601	KCNK9	potassium channel, subfamily K, member 9	ENST00000303015		-0,529644959
A_21_P0009215	TCONS_00025293	XLOC_012095				-0,529743356
A_23_P425304	NM_016169	SUFU	suppressor of fused homolog (Drosophila)	ENST00000369902		-0,529894077
A_23_P152002	NM_004049	BCL2A1	BCL2-related protein A1	ENST00000267953		-0,529921723
A_24_P120115	NM_003879	CFLAR	CASP8 and FADD-like apoptosis regulator	ENST00000340870		-0,529929934
A_33_P3369371	NM_002084	GPX3	glutathione peroxidase 3 (plasma)	ENST00000388825		-0,53001584
A_33_P3272938	NM_021209	NLRC4	NLR family, CARD domain containing 4	ENST00000342905		-0,530042514
A_21_P0000065	NM_001166696	SLC1A3	solute carrier family 1 (glial high affinity glutamate transporter)	ENST00000512374		-0,530058169
A_21_P0009999	TCONS_00028299	XLOC_013639				-0,530123343
A_33_P3285992	AK125618	VKORC1	vitamin K epoxide reductase complex, subunit 1	ENST00000498155		-0,530298859
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852		-0,530542362
A_33_P3280320	NM_001195127	LOC100288524	forkhead box L1-like			-0,530754243
A_32_P172848	NM_000167	GK	glycerol kinase	ENST00000471362		-0,531111498
A_23_P133095	NM_014247	RAPGEF2	Rap guanine nucleotide exchange factor (GEF) 2	ENST00000264431		-0,531645464
A_21_P0004691	ENST00000434437	XLOC_005480		ENST00000434437		-0,531956454
A_21_P0004420	TCONS_00010402	XLOC_004924				-0,532167551
A_33_P3562810	XR_132545	LOC286149	uncharacterized LOC286149			-0,532262879
A_33_P3246623	NM_206886	CCDC18	coiled-coil domain containing 18	ENST00000557479		-0,532279373
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653		-0,532414159
A_33_P3371588	NM_023934	FUNDC2	FUN14 domain containing 2	ENST00000369498		-0,53249312
A_33_P3223467	NM_025054	VCPIP1	valosin containing protein (p97)/p47 complex interacting protein	ENST00000310421		-0,532537889

A_23_P323196	NR_027042	MDS2	myelodysplastic syndrome 2 translocation associated	ENST00000374555	-0,532782161
A_21_P0009752	TCONS_00027258	XLOC_013282			-0,532895862
A_33_P3867584	NR_038863	LOC285758	uncharacterized LOC285758		-0,532937888
A_23_P379200	NM_175736	FMNL3	formin-like 3	ENST00000335154	-0,533085401
A_33_P3270271	BC029817	LOC440386	uncharacterized LOC440386		-0,533138071
A_33_P3293858	NM_001033602	MTUS2	microtubule associated tumor suppressor candidate 2		-0,533193022
A_19_P00321148	AK055877	LOC100506328	uncharacterized LOC100506328		-0,533277966
A_23_P69840	NM_080670	SLC35A4	solute carrier family 35, member A4	ENST00000432254	-0,533403404
A_24_P202581	NM_199002	ARHGEF1	Rho guanine nucleotide exchange factor (GEF) 1	ENST00000378152	-0,533437824
A_23_P4254	NM_005208	CRYBA1	crystallin, beta A1	ENST00000225387	-0,533509966
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,533524644
A_23_P54469	NM_145805	ISL2	ISL LIM homeobox 2	ENST00000290759	-0,533826601
A_32_P30649	NM_004454	ETV5	ets variant 5	ENST00000306376	-0,533872627
A_23_P113111	NM_000044	AR	androgen receptor	ENST00000544984	-0,533920023
A_23_P142849	NM_005168	RND3	Rho family GTPase 3	ENST00000375734	-0,533950405
A_21_P0006726	ENST00000418372	XLOC_008700		ENST00000418372	-0,533966798
A_33_P3230254	NM_022346	NCAPG	non-SMC condensin I complex, subunit G	ENST00000251496	-0,534068717
A_21_P0009341	NR_030732	LOC645638	WDNM1-like pseudogene		-0,534215611
A_21_P0012251	THC2506559	XLOC_I2_009303			-0,534340622
A_23_P113351	NM_004684	SPARCL1	SPARC-like 1 (hevin)	ENST00000418378	-0,534685105
A_21_P0005189	XR_108720	LOC100507642	uncharacterized LOC100507642		-0,53476066
A_24_P680657	NM_001008391	CCDC73	coiled-coil domain containing 73	ENST00000335185	-0,535693031
A_23_P38537	NM_005557	KRT16	keratin 16	ENST00000301653	-0,535861308
A_23_P30435	NM_006058	TNIP1	TNFAIP3 interacting protein 1	ENST00000417127	-0,535926486
A_23_P167920	NM_005618	DLL1	delta-like 1 (Drosophila)	ENST00000366756	-0,535956243
A_23_P38427	NM_032932	RAB11FIP4	RAB11 family interacting protein 4 (class II)	ENST00000325874	-0,536067625
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,53635472
A_21_P0014218	XR_108901	LOC100507186	uncharacterized LOC100507186		-0,536554311
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,536565624

A_33_P3367596	NM_001830	CLCN4	chloride channel 4	ENST00000380829	-0,536853626
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,536891147
A_21_P0013071	TCONS_I2_0002467	XLOC_I2_012925			-0,537099796
A_21_P0010782	NR_037845	LOC100506023	uncharacterized LOC100506023		-0,537425439
A_33_P3237005	NR_002438	ZFAT-AS1	ZFAT antisense RNA 1 (non-protein coding)	ENST00000505776	-0,537426558
A_23_P202345	NM_032804	ADO	2-aminoethanethiol (cysteamine) dioxygenase	ENST00000373783	-0,538067031
A_21_P0001336	ENST00000479252	LRRC8C	leucine rich repeat containing 8 family, member C	ENST00000479252	-0,538210774
A_24_P386746	NM_031491	RBP5	retinol binding protein 5, cellular	ENST00000543045	-0,538281666
A_32_P222684	NM_001136239	PRDM6	PR domain containing 6	ENST00000407847	-0,538312822
A_21_P0013371	XR_108746	LOC100506098	uncharacterized LOC100506098		-0,538332485
A_33_P3236734	NM_001204118	CLEC17A	C-type lectin domain family 17, member A	ENST00000397439	-0,538411814
A_23_P126623	NM_002631	PGD	phosphogluconate dehydrogenase	ENST00000541529	-0,538507233
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,538709371
A_33_P3405168	NM_172250	MMAA	methylmalonic aciduria (cobalamin deficiency) cblA type	ENST00000281317	-0,538776531
A_21_P0009754	TCONS_00027265	XLOC_013282			-0,538940055
A_21_P0001680	TCONS_00002039	XLOC_000208			-0,539010895
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,539117243
A_33_P3410589	NM_153690	FAM43A	family with sequence similarity 43, member A	ENST00000329759	-0,539264343
A_32_P846696	NR_027000	LOC349196	uncharacterized LOC349196		-0,539526436
A_33_P3543288	XR_109407	FLJ42842	uncharacterized FLJ42842		-0,539672552
A_24_P219474	NM_144677	MGAT5B	mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-gluco:	ENST00000301618	-0,540089622
A_23_P117873	NM_012125	CHRM5	cholinergic receptor, muscarinic 5	ENST00000383263	-0,540143827
A_23_P166248	NM_004414	RCAN1	regulator of calcineurin 1	ENST00000443408	-0,540457981
A_23_P107454	NM_031958	KRTAP3-1	keratin associated protein 3-1	ENST00000391588	-0,540499665
A_32_P72110	NM_006505	PVR	poliovirus receptor	ENST00000344956	-0,540599023
A_33_P3386547	NM_152386	SGPP2	sphingosine-1-phosphate phosphatase 2	ENST00000321276	-0,541249761
A_21_P0007586	ENST00000553247	XLOC_009810		ENST00000553247	-0,54135803
A_23_P77545	NM_001053	SSTR5	somatostatin receptor 5	ENST00000539762	-0,541433496
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,541628858

A_23_P502832	NM_006047	RBM12	RNA binding motif protein 12	ENST00000374114	-0,542007978
A_24_P126628	NM_015257	TMEM194A	transmembrane protein 194A	ENST00000300128	-0,542166942
A_33_P3400374	NM_001037335	PRIC285	peroxisomal proliferator-activated receptor A interacting cc	ENST00000427522	-0,542179029
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,542202809
A_24_P308229	NM_001039775	AIM1L	absent in melanoma 1-like	ENST00000520372	-0,542441586
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,542545093
A_21_P0007675	TCONS_00020666	XLOC_009969			-0,542933047
A_33_P3753757	AK095652	LOC158402	uncharacterized LOC158402		-0,542987867
A_23_P366098	NM_207308	NUP210L	nucleoporin 210kDa-like	ENST00000271854	-0,543084543
A_33_P3214035	NM_000675	ADORA2A	adenosine A2a receptor	ENST00000436735	-0,543174696
A_23_P19333	NM_018643	TREM1	triggering receptor expressed on myeloid cells 1	ENST00000244709	-0,543284761
A_33_P3278941	NM_001048205	REC8	REC8 homolog (yeast)	ENST00000311457	-0,543425866
A_33_P3243524	NM_001164389	RAPGEF6	Rap guanine nucleotide exchange factor (GEF) 6	ENST00000308008	-0,543489834
A_23_P156667	NM_002714	PPP1R10	protein phosphatase 1, regulatory subunit 10	ENST00000376511	-0,543683685
A_24_P219156	NM_001077351	RBM23	RNA binding motif protein 23	ENST00000556186	-0,543854379
A_23_P107454	NM_031958	KRTAP3-1	keratin associated protein 3-1	ENST00000391588	-0,543866028
A_33_P3220025	NM_001145004	GOLGA6L6	golgin A6 family-like 6	ENST00000424531	-0,544137364
A_23_P342000	NM_144770	RBM11	RNA binding motif protein 11	ENST00000468643	-0,544253206
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,544530532
A_21_P0002252	TCONS_00004838	XLOC_001558			-0,544577933
A_24_P174793	NM_000439	PCSK1	proprotein convertase subtilisin/kexin type 1	ENST00000311106	-0,544616469
A_23_P38468	NM_014604	TAX1BP3	Tax1 (human T-cell leukemia virus type I) binding protein 3	ENST00000550383	-0,544688145
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,54501841
A_24_P378019	NM_004031	IRF7	interferon regulatory factor 7	ENST00000534109	-0,545157038
A_23_P3532	NM_004862	LITAF	lipopolysaccharide-induced TNF factor	ENST00000381810	-0,545263
A_24_P313418	NM_002990	CCL22	chemokine (C-C motif) ligand 22	ENST00000219235	-0,545512132
A_21_P0005104	THC2699745	XLOC_005136			-0,54568871
A_33_P3210059	NM_005877	SF3A1	splicing factor 3a, subunit 1, 120kDa	ENST00000439242	-0,545935395
A_23_P501985	NM_172249	CSF2RA	colony stimulating factor 2 receptor, alpha, low-affinity (gra	ENST00000419094	-0,545936576

A_23_P332584	NM_015237	KIAA1107	KIAA1107	ENST00000370378	-0,546004631
A_21_P0003448	ENST00000507932	XLOC_003890		ENST00000507932	-0,546116547
A_23_P25566	NM_004951	GPR183	G protein-coupled receptor 183	ENST00000376414	-0,546172788
A_33_P3226825	NM_080864	RLN3	relaxin 3	ENST00000431365	-0,546578597
A_21_P0006086	ENST00000425666	XLOC_007769		ENST00000425666	-0,546629187
A_33_P3887081	NR_033890	LOC338817	uncharacterized LOC338817		-0,546638897
A_33_P3281795	NM_007283	MGLL	monoglyceride lipase	ENST00000265052	-0,546800648
A_24_P122137	NM_002309	LIF	leukemia inhibitory factor (cholinergic differentiation factor)	ENST00000249075	-0,547135291
A_33_P3234031	AK125981	LRRC37BP1	leucine rich repeat containing 37B pseudogene 1		-0,547328079
A_32_P143000	NM_015307	FAM189A1	family with sequence similarity 189, member A1	ENST00000261275	-0,547393263
A_21_P0011821	NM_207328	GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	ENST00000471661	-0,547574896
A_24_P925664	NM_002392	MDM2	Mdm2 p53 binding protein homolog (mouse)	ENST00000544648	-0,547647428
A_33_P3226832	NM_001993	F3	coagulation factor III (thromboplastin, tissue factor)	ENST00000370207	-0,547779009
A_19_P00320996	THC2525908	P39188			-0,547832998
A_21_P0006733	ENST00000457632	XLOC_008721		ENST00000457632	-0,54785957
A_23_P38346	NM_024119	DHX58	DEXH (Asp-Glu-X-His) box polypeptide 58	ENST00000423748	-0,54788916
A_24_P365526	NM_002110	HCK	hemopoietic cell kinase	ENST00000375862	-0,547990863
A_32_P473302	NR_015375	FLJ35024	uncharacterized LOC401491		-0,548478385
A_32_P456318	NM_080743	SRSF12	serine/arginine-rich splicing factor 12	ENST00000452027	-0,548654767
A_33_P3237393	NM_003440	ZNF140	zinc finger protein 140		-0,548682789
A_23_P257815	NM_005582	CD180	CD180 molecule	ENST00000256447	-0,548733919
A_23_P218412	NM_004890	SPAG7	sperm associated antigen 7	ENST00000206020	-0,548772464
A_23_P74229	NM_032017	STK40	serine/threonine kinase 40	ENST00000359297	-0,548880353
A_23_P145694	NM_001673	ASNS	asparagine synthetase (glutamine-hydrolyzing)	ENST00000394308	-0,549081028
A_19_P00318505	NR_026961	LOC284837	uncharacterized LOC284837	ENST00000400385	-0,54924035
A_23_P111737	NM_005856	RAMP3	receptor (G protein-coupled) activity modifying protein 3	ENST00000242249	-0,549417775
A_21_P0013940	XM_002343061	LOC100287223	uncharacterized LOC100287223		-0,549486101
A_33_P3376636	NM_001017989	OPA3	optic atrophy 3 (autosomal recessive, with chorea and spas)	ENST00000323060	-0,549596834
A_23_P310274	NM_002770	PRSS2	protease, serine, 2 (trypsin 2)		-0,549711711

A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,549717043
A_33_P3215282	NM_032538	TTBK1	tau tubulin kinase 1	ENST00000259750	-0,550254367
A_23_P113111	NM_000044	AR	androgen receptor	ENST00000544984	-0,550286712
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,550433609
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,550512902
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,550646219
A_33_P3395028	NR_026934	LOC152225	uncharacterized LOC152225	ENST00000483840	-0,550843567
A_21_P0008723	THC2699280	XLOC_011430			-0,550923736
A_33_P3309984	NM_000221	KHK	ketohexokinase (fructokinase)	ENST00000260599	-0,551006891
A_23_P334955	NM_053279	FAM167A	family with sequence similarity 167, member A	ENST00000284486	-0,551039603
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653	-0,551068622
A_24_P269062	NM_030964	SPRY4	sprouty homolog 4 (Drosophila)	ENST00000344120	-0,551347207
A_33_P3421728	NM_001346	DGKG	diacylglycerol kinase, gamma 90kDa	ENST00000265022	-0,551382387
A_24_P90881	NM_024922	CES3	carboxylesterase 3	ENST00000303334	-0,551654955
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,55168472
A_33_P3331366	NM_005082	TRIM25	tripartite motif containing 25	ENST00000316881	-0,552136715
A_23_P218626	NM_080741	NEU4	sialidase 4	ENST00000472793	-0,552174952
A_23_P161152	NM_014317	PDSS1	prenyl (decaprenyl) diphosphate synthase, subunit 1	ENST00000470978	-0,552343277
A_23_P52647	NM_006795	EHD1	EH-domain containing 1	ENST00000359393	-0,552737833
A_24_P7121	NM_024677	NSUN7	NOP2/Sun domain family, member 7	ENST00000381782	-0,552807377
A_32_P91902	NM_030927	TSPAN14	tetraspanin 14	ENST00000429989	-0,552977247
A_23_P152406	NM_032330	CAPNS2	calpain, small subunit 2	ENST00000457326	-0,55310547
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,553117714
A_23_P204847	NM_002298	LCP1	lymphocyte cytosolic protein 1 (L-plastin)	ENST00000398576	-0,5531389
A_23_P327140	NM_020914	RNF213	ring finger protein 213	ENST00000411702	-0,553327648
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,553476313
A_24_P829183	XR_108575	FLJ32255	uncharacterized LOC643977		-0,553662613
A_23_P306867	NM_173199	NR4A3	nuclear receptor subfamily 4, group A, member 3	ENST00000338488	-0,553771482
A_24_P326491	NM_173576	MKX	mohawk homeobox	ENST00000419761	-0,554051927

A_21_P0007050	TCONS_00018686	XLOC_008416				-0,554431113
A_21_P0001676	THC2624247	XLOC_000166				-0,554589411
A_23_P13907	NM_000618	IGF1	insulin-like growth factor 1 (somatomedin C)	ENST00000481539		-0,554628617
A_33_P3307133	NM_021956	GRIK2	glutamate receptor, ionotropic, kainate 2	ENST00000403289		-0,554683901
A_23_P69109	NM_021105	PLSCR1	phospholipid scramblase 1	ENST00000448205		-0,554970359
A_32_P12104	NM_022662	ANAPC1	anaphase promoting complex subunit 1	ENST00000341068		-0,555181841
A_21_P0013991	ENST00000426006	LOC100509638		ENST00000426006		-0,555194172
A_33_P3401093	NM_174899	FBXO36	F-box protein 36	ENST00000283946		-0,555360217
A_24_P91094	NM_006695	RUNDC3A	RUN domain containing 3A	ENST00000225441		-0,555475276
A_21_P0003821	TCONS_00008716	XLOC_004229				-0,556409036
A_21_P0002493	THC2716004	XLOC_002277				-0,556693198
A_21_P0014154	XR_108621	LOC100507367	uncharacterized LOC100507367			-0,556784888
A_23_P387552	NM_000966	RARG	retinoic acid receptor, gamma	ENST00000425354		-0,557565272
A_23_P110624	NM_001332	CTNND2	catenin (cadherin-associated protein), delta 2 (neural plakob	ENST00000538638		-0,558062518
A_23_P45087	NM_016220	ZNF107	zinc finger protein 107	ENST00000423627		-0,55852042
A_23_P163697	NM_016524	SYT17	synaptotagmin XVII	ENST00000355377		-0,558537521
A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693		-0,55862564
A_33_P3406572	AK091704	LOC149773	uncharacterized LOC149773			-0,558649836
A_23_P161698	NM_002422	MMP3	matrix metalloproteinase 3 (stromelysin 1, progelatinase)	ENST00000299855		-0,55875765
A_24_P48204	NM_003004	SECTM1	secreted and transmembrane 1	ENST00000269389		-0,559028176
A_23_P100386	NM_152456	IL34	interleukin 34	ENST00000429149		-0,559337385
A_21_P0000004	NM_001099791	SYS1	SYS1 Golgi-localized integral membrane protein homolog (S	ENST00000426004		-0,55951458
A_21_P0007881	TCONS_00021347	XLOC_010117				-0,559629394
A_24_P12435	NM_181782	NCOA7	nuclear receptor coactivator 7	ENST00000368357		-0,559724367
A_33_P3397763	NM_003811	TNFSF9	tumor necrosis factor (ligand) superfamily, member 9	ENST00000245817		-0,559950404
A_33_P3345479	NR_027033	MIRLET7BHG	MIRLET7B host gene (non-protein coding)	ENST00000435439		-0,560230157
A_32_P86763	NM_004613	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamr	ENST00000361475		-0,560499655
A_23_P102950	NM_080860	RSPH1	radial spoke head 1 homolog (Chlamydomonas)	ENST00000493019		-0,560761613
A_23_P41487	NM_015130	TBC1D9	TBC1 domain family, member 9 (with GRAM domain)	ENST00000442267		-0,560872858

A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,560959325
A_21_P0002255	TCONS_00003759	XLOC_001560			-0,561435258
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,561635527
A_21_P0006579	BC015977	XLOC_008151			-0,561651698
A_21_P0000629	NR_034072	SARS	seryl-tRNA synthetase		-0,561762728
A_23_P398566	NM_173200	NR4A3	nuclear receptor subfamily 4, group A, member 3	ENST00000330847	-0,561941498
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,561967485
A_23_P96158	NM_000422	KRT17	keratin 17	ENST00000493253	-0,562041888
A_23_P407096	NM_152625	ZNF366	zinc finger protein 366	ENST00000318442	-0,562168213
A_21_P0009908	ENST00000431460	XLOC_013787		ENST00000431460	-0,562292764
A_33_P3215113	NM_012317	LDOC1	leucine zipper, down-regulated in cancer 1	ENST00000370526	-0,562360491
A_33_P3286958	NM_003783	B3GALT2	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polype	ENST00000367434	-0,562395262
A_21_P0011035	ENST00000537616	XLOC_l2_002886		ENST00000537616	-0,562833131
A_23_P338479	NM_014143	CD274	CD274 molecule	ENST00000381577	-0,563012319
A_21_P0000454	NR_003360	SNORD116-29	small nucleolar RNA, C/D box 116-29		-0,563227637
A_23_P206901	NM_017668	NDE1	nudE nuclear distribution gene E homolog 1 (A. nidulans)	ENST00000396355	-0,563228953
A_21_P0007324	ENST00000529781	XLOC_009385		ENST00000529781	-0,563301234
A_23_P415401	NM_001206	KLF9	Kruppel-like factor 9	ENST00000377126	-0,563378339
A_21_P0013023	AK125083	RAB44	RAB44, member RAS oncogene family		-0,563607877
A_24_P941167	NM_030641	APOL6	apolipoprotein L, 6	ENST00000409652	-0,563897505
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,564418203
A_24_P82106	NM_004995	MMP14	matrix metalloproteinase 14 (membrane-inserted)	ENST00000311852	-0,564485162
A_32_P71571	NM_182522	FAM19A4	family with sequence similarity 19 (chemokine (C-C motif)-li	ENST00000295569	-0,56473151
A_23_P212655	NM_130446	KLHL6	kelch-like 6 (Drosophila)	ENST00000468734	-0,564736033
A_32_P18440	NM_032199	ARID5B	AT rich interactive domain 5B (MRF1-like)	ENST00000279873	-0,564960682
A_23_P73837	NM_138636	TLR8	toll-like receptor 8	ENST00000218032	-0,565090291
A_23_P59616	NM_173537	GTF2IRD2	GTF2I repeat domain containing 2	ENST00000412484	-0,565194975
A_24_P941759	NM_017769	G2E3	G2/M-phase specific E3 ubiquitin protein ligase	ENST00000206595	-0,565718071
A_33_P3318117	NM_000765	CYP3A7	cytochrome P450, family 3, subfamily A, polypeptide 7	ENST00000292414	-0,565744943

A_21_P0012423	TCONS_I2_0001907	XLOC_I2_010056				-0,565789525
A_33_P3232692	NM_001185156	IL24	interleukin 24	ENST00000294984		-0,566236454
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348		-0,566383194
A_33_P3362296	ENST00000396017	KCNGB1	potassium voltage-gated channel, subfamily G, member 1	ENST00000396017		-0,566802075
A_33_P3362321	NM_201555	FHL2	four and a half LIM domains 2	ENST00000452732		-0,567128981
A_24_P398691	NM_032859	ABHD13	abhydrolase domain containing 13	ENST00000375898		-0,567259762
A_23_P21976	NM_001897	CSPG4	chondroitin sulfate proteoglycan 4	ENST00000308508		-0,567319076
A_24_P167642	NM_000161	GCH1	GTP cyclohydrolase 1	ENST00000254299		-0,567373228
A_33_P3404489	NM_001177465	MAMLD1	mastermind-like domain containing 1	ENST00000358892		-0,567457376
A_33_P3618561	BC034282	LOC730961	uncharacterized LOC730961			-0,567514789
A_33_P3305758	NM_001747	CAPG	capping protein (actin filament), gelsolin-like	ENST00000415012		-0,568261795
A_21_P0007742	TCONS_00020884	XLOC_010161				-0,568538904
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348		-0,568602232
A_33_P3367201	NM_052845	MMAB	methylmalonic aciduria (cobalamin deficiency) cblB type			-0,568633214
A_24_P122921	NM_138621	BCL2L11	BCL2-like 11 (apoptosis facilitator)			-0,569111174
A_23_P329870	NM_024599	RHBDF2	rhomoid 5 homolog 2 (Drosophila)	ENST00000313080		-0,569155931
A_21_P0010697	NR_023918	LINC00339	long intergenic non-protein coding RNA 339			-0,569270909
A_23_P77590	NM_018052	VAC14	Vac14 homolog (S. cerevisiae)	ENST00000536184		-0,569454099
A_23_P110624	NM_001332	CTNND2	catenin (cadherin-associated protein), delta 2 (neural plakoblastophilin family, class II member 2)	ENST00000538638		-0,569939775
A_21_P0002852	ENST00000421735	XLOC_003123		ENST00000421735		-0,570020469
A_33_P3356863	AK128846	LOC100128172	uncharacterized LOC100128172			-0,570203473
A_33_P3251796	NM_014317	PDSS1	prenyl (decaprenyl) diphosphate synthase, subunit 1	ENST00000396343		-0,570330932
A_33_P3290562	NM_000168	GLI3	GLI family zinc finger 3	ENST00000395925		-0,571089674
A_23_P403335	NM_015065	EXPH5	exophilin 5	ENST00000525344		-0,571687686
A_33_P3222183	NM_020134	DPYSL5	dihydropyrimidinase-like 5	ENST00000401478		-0,571759965
A_21_P0013864	AK056524	XLOC_I2_015710				-0,571967563
A_24_P941268	NM_007220	CA5B	carbonic anhydrase VB, mitochondrial	ENST00000318636		-0,572431242
A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693		-0,572720344
A_23_P210886	NM_138578	BCL2L1	BCL2-like 1	ENST00000420653		-0,572893308

A_21_P0013475	TCONS_I2_0002773	XLOC_I2_014191				-0,572906092
A_24_P169013	NR_001298	HLA-DRB6	major histocompatibility complex, class II, DR beta 6 (pseud	ENST00000437183		-0,573186012
A_33_P3307960	NM_001103170	AADACL3	arylacetamide deacetylase-like 3	ENST00000359318		-0,573267089
A_21_P0001514	THC2695938	XLOC_000852				-0,573438209
A_32_P133840	NM_014858	TMCC2	transmembrane and coiled-coil domain family 2	ENST00000358024		-0,573563525
A_23_P217845	NM_002928	RGS16	regulator of G-protein signaling 16	ENST00000367558		-0,573597286
A_33_P3416286	NM_006047	RBM12	RNA binding motif protein 12	ENST00000359646		-0,573804148
A_24_P712562	NM_001085430	C17orf67	chromosome 17 open reading frame 67	ENST00000397862		-0,573923976
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213		-0,574140865
A_23_P77593	NM_018052	VAC14	Vac14 homolog (<i>S. cerevisiae</i>)	ENST00000536184		-0,574315513
A_23_P165624	NM_007115	TNFAIP6	tumor necrosis factor, alpha-induced protein 6	ENST00000460812		-0,574393688
A_23_P127584	NM_006169	NNMT	nicotinamide N-methyltransferase	ENST00000299964		-0,574703094
A_23_P25155	NM_020370	GPR84	G protein-coupled receptor 84	ENST00000551809		-0,574723583
A_23_P6535	NM_138433	KLHDC7B	kelch domain containing 7B	ENST00000395676		-0,57497075
A_33_P3387856	NM_001100625	CENPN	centromere protein N	ENST00000393335		-0,574975447
A_21_P0009342	NR_030732	LOC645638	WDNM1-like pseudogene			-0,575241945
A_24_P943106	NM_001080415	U2SURP	U2 snRNP-associated SURP domain containing	ENST00000473835		-0,575253501
A_33_P3283964	NR_033740	CES1P2	carboxylesterase 1 pseudogene 2			-0,575484998
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010		-0,575556553
A_23_P76983	NM_025057	C14orf45	chromosome 14 open reading frame 45	ENST00000394009		-0,575782271
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283		-0,575827919
A_24_P171268	NM_182663	RASSF5	Ras association (RalGDS/AF-6) domain family member 5	ENST00000304534		-0,575937184
A_23_P119886	NM_001486	GCKR	glucokinase (hexokinase 4) regulator	ENST00000264717		-0,576028984
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595		-0,576400129
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927		-0,576421368
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801		-0,576483616
A_24_P920646	BC035714	CYP19A1	cytochrome P450, family 19, subfamily A, polypeptide 1	ENST00000405913		-0,576497343
A_24_P237443	NM_018990	SASH3	SAM and SH3 domain containing 3	ENST00000356892		-0,577139478
A_24_P124624	NM_002543	OLR1	oxidized low density lipoprotein (lectin-like) receptor 1	ENST00000309539		-0,577219211

A_33_P3329326	ENST00000374025	CD164L2	CD164 sialomucin-like 2	ENST00000374025	-0,577702433
A_33_P3729375	AK093857	LOC285181	uncharacterized LOC285181		-0,577707632
A_21_P0012891	NR_039984	LOC729506	uncharacterized LOC729506		-0,578845443
A_24_P161018	NM_017554	PARP14	poly (ADP-ribose) polymerase family, member 14	ENST00000310290	-0,579099184
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,579322553
A_24_P176493	NM_015251	ATMIN	ATM interactor	ENST00000299575	-0,579373131
A_33_P3341841	NM_001004312	RTP2	receptor (chemosensory) transporter protein 2	ENST00000358241	-0,579412303
A_21_P0012015	NR_038386	LOC728537	uncharacterized LOC728537	ENST00000445382	-0,579458366
A_23_P138725	NM_031484	MARVELD1	MARVEL domain containing 1	ENST00000285605	-0,579632788
A_24_P743869	NM_001195304	BBIP1	BBSome interacting protein 1	ENST00000448814	-0,579721215
A_23_P210482	NM_000022	ADA	adenosine deaminase	ENST00000464097	-0,579827741
A_24_P208567	NM_003855	IL18R1	interleukin 18 receptor 1	ENST00000409599	-0,580015283
A_21_P0004246	TCONS_00009943	XLOC_004366			-0,580077796
A_33_P3216694	NM_024503	HIVEP3	human immunodeficiency virus type I enhancer binding pro	ENST00000247584	-0,580745906
A_23_P31896	NM_003033	ST3GAL1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1	ENST00000522652	-0,580836287
A_23_P500400	NM_080284	ABCA6	ATP-binding cassette, sub-family A (ABC1), member 6	ENST00000284425	-0,580945631
A_21_P0001763	XR_110856	LOC100506929	uncharacterized LOC100506929		-0,58103327
A_21_P0012827	ENST00000503577	XLOC_I2_011531		ENST00000503577	-0,581126107
A_33_P3326807	AK127768	LOC100130152	uncharacterized LOC100130152		-0,581157108
A_33_P3210583	NM_014911	AAK1	AP2 associated kinase 1	ENST00000409085	-0,581323034
A_33_P3809497	NR_033987	FLJ37505	uncharacterized LOC400087		-0,581428013
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,581463124
A_23_P216655	NM_014788	TRIM14	tripartite motif containing 14	ENST00000341469	-0,581523319
A_21_P0006182	TCONS_00016075	XLOC_007464			-0,581578045
A_23_P23074	NM_006417	IFI44	interferon-induced protein 44	ENST00000485662	-0,582081812
A_21_P0012147	NR_038337	LOC100505783	uncharacterized LOC100505783		-0,582154623
A_23_P82651	NM_002523	NPTX2	neuronal pentraxin II	ENST00000265634	-0,582312466
A_33_P3229467	NM_004760	STK17A	serine/threonine kinase 17a		-0,582416039
A_21_P0013873	ENST00000427671	XLOC_I2_015842		ENST00000427671	-0,58361552

A_33_P3279431	NM_001007024	GOSR1	golgi SNAP receptor complex member 1	ENST00000414833	-0,583621481
A_21_P0011933	NR_037597	LOC442028	uncharacterized LOC442028		-0,583754636
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,584050032
A_24_P941831	NM_001044385	TMEM237	transmembrane protein 237	ENST00000495329	-0,584173694
A_33_P3342081	NM_001198	PRDM1	PR domain containing 1, with ZNF domain	ENST00000369096	-0,584224238
A_24_P37409	NM_004418	DUSP2	dual specificity phosphatase 2	ENST00000488952	-0,584271023
A_23_P150018	NM_004419	DUSP5	dual specificity phosphatase 5	ENST00000369583	-0,584378034
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,584752127
A_33_P3352877	NM_015087	SPG20	spastic paraplegia 20 (Troyer syndrome)	ENST00000423217	-0,584872617
A_21_P0007668	TCONS_00020652	XLOC_009952			-0,585196099
A_23_P388190	NM_033081	DIDO1	death inducer-obliterator 1	ENST00000461792	-0,585499275
A_23_P116653	NM_138722	BCL2L14	BCL2-like 14 (apoptosis facilitator)	ENST00000396369	-0,585995976
A_33_P3397603	AK094114	LOC100130278	uncharacterized LOC100130278		-0,586055795
A_33_P3728698	AK127183	FLJ45248	FLJ45248 protein		-0,586075883
A_33_P3260034	ENST00000372297	AIF1L	allograft inflammatory factor 1-like	ENST00000372297	-0,586317066
A_23_P164773	NM_002002	FCER2	Fc fragment of IgE, low affinity II, receptor for (CD23)	ENST00000346664	-0,586332326
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,58682027
A_33_P3234124	ENST00000481917	FAM132B	family with sequence similarity 132, member B	ENST00000481917	-0,586890003
A_23_P200096	NM_025106	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1	ENST00000377399	-0,586946218
A_23_P25030	NM_003725	HSD17B6	hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse)	ENST00000554150	-0,587115549
A_21_P0004773	NR_038863	LOC285758	uncharacterized LOC285758		-0,587764643
A_24_P151121	AK056201	A1BG	alpha-1-B glycoprotein		-0,58787051
A_24_P118196	NM_001080393	GXYLT2	glucoside xylosyltransferase 2	ENST00000389617	-0,587935646
A_33_P3384045	XR_110862	NSAP11	nervous system abundant protein 11		-0,587942193
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,58798643
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,588103419
A_33_P3382324	NM_012217	TPSD1	tryptase delta 1	ENST00000211076	-0,588144022
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,588148265
A_33_P3224946	XR_108603	FLJ46010	FLJ46010 protein		-0,588293515

A_24_P588897	NM_013272	SLCO3A1	solute carrier organic anion transporter family, member 3A	ENST00000318445	-0,588466899
A_33_P3307163	NM_001134363	RBM20	RNA binding motif protein 20	ENST00000369519	-0,588690983
A_33_P3310104	NM_002639	SERPINB5	serpin peptidase inhibitor, clade B (ovalbumin), member 5	ENST00000382771	-0,588823991
A_23_P90855	NM_014808	FARP2	FERM, RhoGEF and pleckstrin domain protein 2	ENST00000470617	-0,589037931
A_33_P3395605	NM_181724	TMEM119	transmembrane protein 119	ENST00000392806	-0,589344076
A_21_P0010535	THC2520127	XLOC_I2_000297			-0,589397945
A_19_P00320469	NR_015375	FLJ35024	uncharacterized LOC401491		-0,589587602
A_33_P3248439	NM_033446	FAM125B	family with sequence similarity 125, member B	ENST00000361171	-0,589780106
A_24_P286114	NM_004172	SLC1A3	solute carrier family 1 (glial high affinity glutamate transporter)	ENST00000381918	-0,589836966
A_23_P66948	NM_022751	FAM59A	family with sequence similarity 59, member A	ENST00000269209	-0,589848866
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,589940416
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,590051794
A_33_P3246833	NM_173843	IL1RN	interleukin 1 receptor antagonist	ENST00000259206	-0,590117921
A_24_P85775	NM_001039477	C1orf38	chromosome 1 open reading frame 38	ENST00000373927	-0,5901918
A_33_P3334923	NR_028138	LOC338758	uncharacterized LOC338758		-0,590217785
A_32_P26376	NM_152305	POGLUT1	protein O-glucosyltransferase 1	ENST00000295588	-0,590295532
A_23_P348767	NM_213631	C20orf132	chromosome 20 open reading frame 132	ENST00000400440	-0,590367546
A_33_P3360072	NM_001161429	RANBP3L	RAN binding protein 3-like	ENST00000296604	-0,59058139
A_33_P3281785	NM_006167	NKX3-1	NK3 homeobox 1	ENST00000300332	-0,59062171
A_23_P354288	NM_153606	FAM71A	family with sequence similarity 71, member A	ENST00000545975	-0,590664901
A_23_P34597	NM_001785	CDA	cytidine deaminase	ENST00000461985	-0,590728056
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,590758369
A_21_P0011409	AK125393	LOC100505648	uncharacterized LOC100505648		-0,591376495
A_21_P0000194	NM_014863	CHST15	carbohydrate (N-acetylgalactosamine 4-sulfate 6-O) sulfotransferase 15		-0,591463436
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,591646262
A_23_P329261	NM_000891	KCNJ2	potassium inwardly-rectifying channel, subfamily J, member 2	ENST00000243457	-0,592510369
A_33_P3358342	NM_005067	SIAH2	seven in absentia homolog 2 (Drosophila)	ENST00000312960	-0,592557876
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,592777724
A_23_P103803	NM_052939	FCRL3	Fc receptor-like 3	ENST00000368186	-0,592788503

A_23_P365738	NM_015193	ARC	activity-regulated cytoskeleton-associated protein	ENST00000356613	-0,593102321
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,593158696
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,593292118
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,593481172
A_21_P0006988	TCONS_00018492	XLOC_008792			-0,593509732
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,593553749
A_21_P0009753	THC2527567	XLOC_013282			-0,593676512
A_21_P0005592	ENST00000480919	XLOC_006326		ENST00000480919	-0,594030146
A_33_P3375934	NM_005746	NAMPT	nicotinamide phosphoribosyltransferase	ENST00000222553	-0,59436221
A_21_P0000901	NR_040100	ENTPD3-AS1	ENTPD3 antisense RNA 1 (non-protein coding)		-0,594538593
A_21_P0012033	ENST00000416361	XLOC_I2_007644		ENST00000416361	-0,59456642
A_21_P0001776	BC036617	XLOC_001558			-0,594589009
A_21_P0010364	ENST00000428765	XLOC_014257		ENST00000428765	-0,59470713
A_24_P105391	NM_001017922	ERMAP	erythroblast membrane-associated protein (Scianna blood §	ENST00000372517	-0,594936703
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,595405724
A_19_P00315651	XR_132670	LOC100652730	uncharacterized LOC100652730	ENST00000412500	-0,595478198
A_32_P128391	NR_038842	LOC728431	uncharacterized LOC728431	ENST00000424989	-0,595779001
A_33_P3403942	NM_080721	C20orf123	chromosome 20 open reading frame 123	ENST00000279028	-0,595951591
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,595995805
A_19_P00319578	THC2524841	XLOC_I2_010723			-0,596573171
A_19_P00317277	AK055877	LOC100506328	uncharacterized LOC100506328		-0,59664808
A_33_P3394853	NR_027069	LOC100132215	uncharacterized LOC100132215	ENST00000413549	-0,596938201
A_23_P74278	NM_001037341	PDE4B	phosphodiesterase 4B, cAMP-specific	ENST00000329654	-0,596998371
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,597203179
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,597278794
A_23_P302672	BC013592	DDIT4L	DNA-damage-inducible transcript 4-like		-0,597411428
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,597687978
A_33_P3219591	NM_020954	RNF213	ring finger protein 213	ENST00000319921	-0,597957243
A_23_P360754	NM_005099	ADAMTS4	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000367996	-0,598008667

A_23_P387184	NM_020464	NHSL1	NHS-like 1	ENST00000343505	-0,598402376
A_23_P58082	NM_199511	CCDC80	coiled-coil domain containing 80	ENST00000444594	-0,598486176
A_23_P211572	NM_145733	Sep-03	septin 3	ENST00000291236	-0,598528246
A_32_P181297	NR_002330	ST7-AS1	ST7 antisense RNA 1 (non-protein coding)	ENST00000456775	-0,59866279
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,598781558
A_32_P221822	NM_016052	RRP15	ribosomal RNA processing 15 homolog (S. cerevisiae)	ENST00000366932	-0,598995926
A_23_P214080	NM_001964	EGR1	early growth response 1	ENST00000239938	-0,599204119
A_23_P111888	NM_138455	CTHRC1	collagen triple helix repeat containing 1	ENST00000297577	-0,599431612
A_23_P204269	NM_006313	USP15	ubiquitin specific peptidase 15	ENST00000393654	-0,599684196
A_21_P0005642	TCONS_00014573	XLOC_006684			-0,600183152
A_24_P65121	NM_001040655	TTC23	tetratricopeptide repeat domain 23	ENST00000394130	-0,600260858
A_21_P0013652	TCONS_I2_0002934	XLOC_I2_015213			-0,600438281
A_23_P41470	NM_017631	DDX60	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	ENST00000393743	-0,600587564
A_33_P3286774	ENST00000479369	PDE4DIP	phosphodiesterase 4D interacting protein	ENST00000479369	-0,600643125
A_19_P00805272	NM_001145206	KIAA1671		ENST00000358431	-0,600990336
A_23_P430792	NM_152781	C17orf66	chromosome 17 open reading frame 66	ENST00000462028	-0,601312177
A_33_P3257594	NM_213607	CCDC103	coiled-coil domain containing 103	ENST00000357776	-0,601377305
A_23_P435477	NM_001077263	TMPRSS13	transmembrane protease, serine 13	ENST00000336500	-0,601394963
A_24_P131066	NM_004258	CD101	CD101 molecule	ENST00000369470	-0,601417945
A_21_P0008672	TCONS_00023504	XLOC_011348			-0,601550908
A_23_P64828	NM_002534	OAS1	2'-5'-oligoadenylate synthetase 1, 40/46kDa	ENST00000377508	-0,601725987
A_33_P3381235	NR_024470	LOC100127888	uncharacterized LOC100127888	ENST00000411824	-0,602164516
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,602269891
A_23_P129717	NM_080663	ERI2	ERI1 exoribonuclease family member 2	ENST00000300005	-0,602325574
A_23_P212423	NM_005108	XYLB	xylulokinase homolog (H. influenzae)	ENST00000207870	-0,602437789
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,603218164
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,603320291
A_24_P96403	NM_001001890	RUNX1	runt-related transcription factor 1	ENST00000344691	-0,603415478
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,603605228

A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,60364828
A_24_P49199	NM_181789	GLDN	gliomedin	ENST00000396399	-0,604205852
A_23_P134663	NM_024812	BAALC	brain and acute leukemia, cytoplasmic	ENST00000309982	-0,604208116
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,604287209
A_33_P3212232	NM_001039396	MPEG1	macrophage expressed 1	ENST00000361050	-0,604762033
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,604822305
A_33_P3286536	NM_002033	FUT4	fucosyltransferase 4 (alpha (1,3) fucosyltransferase, myeloid)	ENST00000358752	-0,604889603
A_33_P3376264	ENST00000378938	GK	glycerol kinase	ENST00000378938	-0,604983495
A_33_P3358397	NM_018176	LGI2	leucine-rich repeat LGI family, member 2	ENST00000382114	-0,60552935
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,605549742
A_24_P82466	NM_201433	GAS7	growth arrest-specific 7	ENST00000323816	-0,605837959
A_24_P350759	NM_004171	SLC1A2	solute carrier family 1 (glial high affinity glutamate transporter)	ENST00000278379	-0,605883135
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,606098496
A_23_P401547	NM_015480	PVRL3	poliovirus receptor-related 3	ENST00000319792	-0,606181374
A_23_P300245	NM_001040283	DMRTC2	DMRT-like family C2	ENST00000269945	-0,606485618
A_23_P32847	NM_001510	GRID2	glutamate receptor, ionotropic, delta 2	ENST00000282020	-0,606596686
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,606613529
A_21_P0014427	ENST00000441316	LOC100506544		ENST00000441316	-0,606800049
A_24_P172481	NM_006074	TRIM22	tripartite motif containing 22	ENST00000455293	-0,606867637
A_33_P3417313	NM_023078	PYCRL	pyrroline-5-carboxylate reductase-like	ENST00000377579	-0,607258548
A_33_P3302191	NM_013266	CTNNA3	catenin (cadherin-associated protein), alpha 3	ENST00000373735	-0,607283669
A_21_P0010522	ENST00000451482	XLOC_I2_000116		ENST00000451482	-0,607342865
A_23_P200829	NM_015326	SRGAP2	SLIT-ROBO Rho GTPase activating protein 2	ENST00000295713	-0,60766759
A_33_P3222917	NM_001024736	CD276	CD276 molecule	ENST00000318443	-0,607759619
A_24_P207139	NM_033238	PML	promyelocytic leukemia	ENST00000268058	-0,60779212
A_24_P215765	NM_024490	ATP10A	ATPase, class V, type 10A	ENST00000555815	-0,60797474
A_19_P00317053	TCONS_00012259	XLOC_005810			-0,608545729
A_24_P102821	NM_000952	PTAFR	platelet-activating factor receptor	ENST00000305392	-0,608719027
A_21_P0007359	TCONS_00019652	XLOC_009457			-0,608752729

A_21_P0010439	TCONS_00029694	XLOC_014366				-0,609545682
A_24_P128308	ENST00000469435	KLF6	Kruppel-like factor 6		ENST00000469435	-0,60967009
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5		ENST00000343801	-0,609726042
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein		ENST00000245932	-0,609781896
A_21_P0013514	TCONS_I2_0002818	XLOC_I2_014504				-0,609835037
A_33_P3329769	NM_152731	BEND6	BEN domain containing 6		ENST00000322055	-0,609849284
A_33_P3335840	NM_001006623	WDR33	WD repeat domain 33		ENST00000393006	-0,61042368
A_23_P218770	NM_002872	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP-binding protein)		ENST00000249071	-0,610430989
A_19_P00317412	NR_038842	LOC728431	uncharacterized LOC728431		ENST00000424989	-0,61073926
A_23_P139669	NM_006931	SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3		ENST00000479059	-0,610879838
A_33_P3220470	NM_005585	SMAD6	SMAD family member 6		ENST00000338426	-0,610958575
A_32_P174572	NR_002774	HTR7P1	5-hydroxytryptamine (serotonin) receptor 7 pseudogene 1		ENST00000535469	-0,611056908
A_23_P50517	NM_001101419	ZNF541	zinc finger protein 541		ENST00000314121	-0,611089502
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein		ENST00000245932	-0,611138961
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4		ENST00000307365	-0,611217906
A_23_P362659	NM_002468	MYD88	myeloid differentiation primary response gene (88)		ENST00000484513	-0,611323109
A_23_P106973	NM_006640	Sep-09	septin 9		ENST00000329047	-0,611513876
A_33_P3417150	NM_002563	P2RY1	purinergic receptor P2Y, G-protein coupled, 1		ENST00000305097	-0,611523089
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta		ENST00000326010	-0,611848097
A_23_P116512	NM_024841	PRR5L	proline rich 5 like		ENST00000389693	-0,612247297
A_24_P117410	NM_138433	KLHDC7B	kelch domain containing 7B		ENST00000395676	-0,612251781
A_21_P0002540	ENST00000440900	XLOC_002485			ENST00000440900	-0,612304874
A_23_P71774	NM_002176	IFNB1	interferon, beta 1, fibroblast		ENST00000380232	-0,612689986
A_23_P887	NM_014002	IKBKE	inhibitor of kappa light polypeptide gene enhancer in B-cells 1, epsilon		ENST00000537984	-0,612759246
A_23_P106973	NM_006640	Sep-09	septin 9		ENST00000329047	-0,612772398
A_21_P0012729	THC2524841	XLOC_I2_010723				-0,612998876
A_21_P0012945	BG214557	XLOC_I2_011627				-0,613272971
A_23_P61778	NM_022463	NXN	nucleoredoxin		ENST00000336868	-0,613625238
A_23_P340848	NM_000960	PTGIR	prostaglandin I2 (prostacyclin) receptor (IP)		ENST00000291294	-0,613839924

A_23_P157875	NM_002003	FCN1	ficolin (collagen/fibrinogen domain containing) 1	ENST00000308299	-0,613883618
A_19_P00321761	ENST00000412979	XLOC_002310		ENST00000412979	-0,614146862
A_33_P3399267	NM_172200	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-0,614419938
A_23_P44244	NM_003069	SMARCA1	SWI/SNF related, matrix associated, actin dependent regula	ENST00000371122	-0,61481006
A_32_P98683	NM_005937	MLLT6	myeloid/lymphoid or mixed-lineage leukemia (trithorax hor	ENST00000325718	-0,614815634
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	-0,614850269
A_33_P3241541	CR936789	FSD1L	fibronectin type III and SPRY domain containing 1-like	ENST00000374707	-0,61488955
A_23_P216340	NM_001045556	SLA	Src-like-adaptor	ENST00000338087	-0,61525305
A_23_P155848	NM_014421	DKK2	dickkopf 2 homolog (Xenopus laevis)	ENST00000285311	-0,615377304
A_21_P0013354	NR_027789	ZNF767	zinc finger family member 767	ENST00000472212	-0,615463436
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,615987156
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,616221527
A_24_P319113	NM_002562	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7	ENST00000377162	-0,616861895
A_19_P00319553	ENST00000424786	XLOC_002612		ENST00000424786	-0,617158448
A_21_P0001290	ENST00000429328	XLOC_000175		ENST00000429328	-0,617190282
A_23_P256948	NM_005098	MSC	musculin	ENST00000325509	-0,617214633
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,617238628
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,617746664
A_24_P235266	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000403097	-0,617953077
A_23_P200138	NM_020125	SLAMF8	SLAM family member 8	ENST00000289707	-0,618011867
A_23_P13907	NM_000618	IGF1	insulin-like growth factor 1 (somatomedin C)	ENST00000481539	-0,61861612
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,619354943
A_23_P126593	NM_005620	S100A11	S100 calcium binding protein A11	ENST00000271638	-0,619393189
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,619454638
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,61946902
A_23_P69383	NM_031458	PARP9	poly (ADP-ribose) polymerase family, member 9	ENST00000452457	-0,619693178
A_21_P0013933	XM_002342726	LOC100287294	equilibrative nucleoside transporter 4-like		-0,619760459
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,619824796
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,620169276

A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,620781821
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,620913391
A_33_P3356731	NM_015332	NUDCD3	NudC domain containing 3	ENST00000355451	-0,621033638
A_21_P0014356	XR_109436	LOC100507425	uncharacterized LOC100507425		-0,621541448
A_23_P17065	NM_004591	CCL20	chemokine (C-C motif) ligand 20	ENST00000473642	-0,621916088
A_23_P348383	NM_001080522	CC2D2A	coiled-coil and C2 domain containing 2A	ENST00000510333	-0,621929095
A_23_P114134	NM_175711	SSX3	synovial sarcoma, X breakpoint 3	ENST00000376893	-0,622062621
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,62233055
A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,622517598
A_21_P0002183	TCONS_00003598	XLOC_001386			-0,622527762
A_21_P0010222	TCONS_00028969	XLOC_013866			-0,62291365
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,623105204
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,623715381
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,624023821
A_33_P3399571	NM_004666	VNN1	vanin 1	ENST00000367928	-0,624105263
A_33_P3614398	AK096235	LOC283516	uncharacterized LOC283516		-0,624117659
A_33_P3363188	NR_033856	FLJ43315	asparagine synthetase pseudogene		-0,624275635
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,624482934
A_21_P0001730	THC2705771	XLOC_000895			-0,624502906
A_33_P3376971	NM_024111	CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)	ENST00000446533	-0,625012478
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,625025951
A_19_P00802257	NR_038842	LOC728431	uncharacterized LOC728431	ENST00000424989	-0,625593723
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,626047986
A_23_P71926	NM_002732	PRKACG	protein kinase, cAMP-dependent, catalytic, gamma	ENST00000377276	-0,626055947
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,626153895
A_32_P89352	NM_080676	MACROD2	MACRO domain containing 2	ENST00000217246	-0,626244623
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,626252013
A_23_P87545	NM_021034	IFITM3	interferon induced transmembrane protein 3	ENST00000531688	-0,626691506
A_23_P152782	NM_005533	IFI35	interferon-induced protein 35	ENST00000538473	-0,626724856

A_32_P41026	NM_001024956	SC5DL	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, <i>S. cerevisiae</i>)-like		-0,627004951
A_23_P55749	NM_015719	COL5A3	collagen, type V, alpha 3	ENST00000264828	-0,627136607
A_33_P3265189	NM_001942	DSG1	desmoglein 1		-0,627212636
A_33_P3391656	NM_033550	TP53RK	TP53 regulating kinase	ENST00000372114	-0,627222736
A_23_P25674	NM_001823	CKB	creatine kinase, brain	ENST00000553652	-0,627505124
A_33_P3774867	BC094703	MGC11082	uncharacterized LOC84777		-0,627564904
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,627572503
A_23_P31721	NM_001951	E2F5	E2F transcription factor 5, p130-binding	ENST00000517476	-0,627713191
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,627857534
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,62800293
A_33_P3212804	NM_001010859	C22orf42	chromosome 22 open reading frame 42	ENST00000467813	-0,628296361
A_21_P0009516	TCONS_00026396	XLOC_012747			-0,628495473
A_33_P3272291	NM_001818	AKR1C4	aldo-keto reductase family 1, member C4 (chlordecone redi	ENST00000397357	-0,628751117
A_21_P0000746	NR_038273	LOC100506874	uncharacterized LOC100506874		-0,628776275
A_33_P3213064	NM_005419	STAT2	signal transducer and activator of transcription 2, 113kDa	ENST00000556539	-0,628808243
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,629007841
A_32_P480177	NM_022093	TNN	tenascin N	ENST00000239462	-0,629426837
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,629530489
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,629581671
A_24_P344961	NM_133265	AMOT	angiomin	ENST00000371959	-0,630119492
A_33_P3390042	NR_015409	LOC143188	uncharacterized LOC143188		-0,630294358
A_21_P0014724	XR_112814	LOC100507336	uncharacterized LOC100507336		-0,630375622
A_21_P0014234	XR_133523	LOC100506897		ENST00000431813	-0,63073391
A_21_P0002531	TCONS_00004544	XLOC_002452			-0,630864561
A_24_P941866	AK096941	C5orf56	chromosome 5 open reading frame 56	ENST00000337752	-0,631197967
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,631370344
A_21_P0006039	ENST00000411451	XLOC_007502		ENST00000411451	-0,631867988
A_24_P334718	NM_181791	GPR141	G protein-coupled receptor 141	ENST00000334425	-0,632260839
A_21_P0010773	NR_033856	FLJ43315	asparagine synthetase pseudogene	ENST00000416367	-0,632261571

A_33_P3381313	NM_001109977	FAM160A1	family with sequence similarity 160, member A1	ENST00000505231	-0,632313572
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,632523067
A_24_P245815	NM_020437	ASPHD2	aspartate beta-hydroxylase domain containing 2	ENST00000215906	-0,632793388
A_24_P7594	NM_030641	APOL6	apolipoprotein L, 6		-0,632863477
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,633013582
A_23_P66432	NM_032646	TTYH2	tweety homolog 2 (Drosophila)	ENST00000441391	-0,63347904
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,633647966
A_23_P69573	NM_000856	GUCY1A3	guanylate cyclase 1, soluble, alpha 3	ENST00000455639	-0,634220159
A_23_P85240	NM_016562	TLR7	toll-like receptor 7	ENST00000380659	-0,634808322
A_24_P322353	NM_024430	PSTPIP2	proline-serine-threonine phosphatase interacting protein 2	ENST00000495213	-0,635287328
A_21_P0012014	ENST00000458149	XLOC_I2_007449		ENST00000458149	-0,636121474
A_24_P272761	NM_020946	DENND1A	DENN/MADD domain containing 1A	ENST00000373624	-0,636482299
A_33_P3296707	NM_001078173	FAM127C	family with sequence similarity 127, member C	ENST00000391440	-0,636640503
A_19_P00809886	THC2537311	Q16594			-0,636689803
A_23_P166797	NM_022147	RTP4	receptor (chemosensory) transporter protein 4	ENST00000259030	-0,636877
A_24_P279489	NM_001128159	VPS53	vacuolar protein sorting 53 homolog (S. cerevisiae)	ENST00000437048	-0,637339414
A_33_P3242623	NM_014331	SLC7A11	solute carrier family 7 (anionic amino acid transporter light	ENST00000280612	-0,637491201
A_19_P00321306	NM_020914	RNF213		ENST00000456466	-0,637958525
A_33_P3296281	XM_003403470	LOC100652922	uncharacterized LOC100652922		-0,638594418
A_21_P0005443	NR_034033	LOC285972	uncharacterized LOC285972		-0,639122669
A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693	-0,639201193
A_33_P3409159	NM_015482	SLC22A23	solute carrier family 22, member 23	ENST00000406686	-0,639384183
A_23_P340333	NM_033397	ITPRIP	inositol 1,4,5-trisphosphate receptor interacting protein	ENST00000358187	-0,639398909
A_32_P110472	NM_203395	IYD	iodotyrosine deiodinase	ENST00000229447	-0,639974814
A_33_P3381684	NM_007113	TCHH	trichohyalin	ENST00000368804	-0,639996335
A_24_P177279	NM_014460	CSDC2	cold shock domain containing C2, RNA binding	ENST00000306149	-0,640252661
A_21_P0009312	TCONS_00025610	XLOC_012442			-0,6406112
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,64097019
A_19_P00804922	TCONS_00008193	XLOC_003641			-0,641012562

A_21_P0014031	NM_001123066	MAPT	microtubule-associated protein tau	ENST00000354326	-0,641222893
A_33_P3216227	ENST00000360635	ITGB1BP1	integrin beta 1 binding protein 1	ENST00000360635	-0,641229594
A_21_P0003409	ENST00000515860	XLOC_003709		ENST00000515860	-0,641294187
A_23_P413303	NR_033797	DKFZP434I0714	uncharacterized protein DKFZP434I0714		-0,641496925
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,641646686
A_33_P3271111	NM_004148	NINJ1	ninjurin 1	ENST00000489274	-0,641669683
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,642038162
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,642126497
A_23_P160720	NM_018664	BATF3	basic leucine zipper transcription factor, ATF-like 3	ENST00000478275	-0,642285542
A_23_P94754	NM_005118	TNFSF15	tumor necrosis factor (ligand) superfamily, member 15	ENST00000374044	-0,64243823
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,643808301
A_33_P3229552	NM_020862	LRFN1	leucine rich repeat and fibronectin type III domain containing protein 1	ENST00000248668	-0,644188569
A_21_P0002808	ENST00000436078	XLOC_002934		ENST00000436078	-0,644288674
A_23_P123228	NM_000111	SLC26A3	solute carrier family 26, member 3	ENST00000340010	-0,645096941
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,645581129
A_23_P145863	NM_005620	S100A11	S100 calcium binding protein A11	ENST00000271638	-0,645764057
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,64665717
A_21_P0000575	NR_029193	LOC100287216	uncharacterized LOC100287216		-0,647055801
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,647107701
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,647163972
A_33_P3262575	NM_018842	BAIAP2L1	BAI1-associated protein 2-like 1	ENST00000005260	-0,64785197
A_21_P0013736	DQ673922	NAMA	non-protein coding RNA, associated with MAP kinase pathway and growth arrest		-0,647907579
A_23_P2705	NM_005767	LPAR6	lysophosphatidic acid receptor 6	ENST00000345941	-0,647937615
A_33_P3357609	NM_001160419	ZBP1	Z-DNA binding protein 1	ENST00000343535	-0,647957571
A_23_P404162	NM_014707	HDAC9	histone deacetylase 9	ENST00000405010	-0,648206506
A_24_P277657	NM_006877	GMPR	guanosine monophosphate reductase	ENST00000540478	-0,648241419
A_33_P3367924	NM_001080487	PABPN1L	poly(A) binding protein, nuclear 1-like (cytoplasmic)	ENST00000411789	-0,64831655
A_24_P241183	NM_013269	CLEC2D	C-type lectin domain family 2, member D	ENST00000487752	-0,648857705
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,64921115

A_33_P3623118	AK054653	LOC153577	uncharacterized LOC153577		-0,649468496
A_21_P0006026	ENST00000421297	XLOC_007450		ENST00000421297	-0,649939696
A_24_P272451	AK057142	C17orf87	chromosome 17 open reading frame 87		-0,650179118
A_19_P00804072	NM_020914	RNF213		ENST00000456466	-0,650375194
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,650464602
A_21_P0012477	THC2685486	XLOC_I2_010493			-0,650642411
A_24_P396753	NM_021643	TRIB2	tribbles homolog 2 (Drosophila)	ENST00000155926	-0,650653547
A_23_P425752	NM_033219	TRIM14	tripartite motif containing 14	ENST00000342043	-0,650686793
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,650703654
A_21_P0008555	AK056686	XLOC_011237			-0,650907821
A_23_P403991	NM_024080	TRPM8	transient receptor potential cation channel, subfamily M, m	ENST00000324695	-0,650966655
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,651318567
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,651561188
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,651694671
A_33_P3328360	NR_027033	MIRLET7BHG	MIRLET7B host gene (non-protein coding)	ENST00000360737	-0,651730557
A_33_P3324114	NR_015391	LSAMP-AS3	LSAMP antisense RNA 3 (non-protein coding)	ENST00000477539	-0,652047459
A_23_P102083	NM_033030	BOLL	bol, boule-like (Drosophila)	ENST00000433157	-0,65299472
A_21_P0014538	XR_110235	LOC100506817	uncharacterized LOC100506817	ENST00000553712	-0,653118564
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,653167912
A_23_P318616	NM_001039029	LRTM2	leucine-rich repeats and transmembrane domains 2	ENST00000543818	-0,65361458
A_21_P0010962	TCONS_I2_0000434	XLOC_I2_002204			-0,653624106
A_32_P60065	NM_004101	F2RL2	coagulation factor II (thrombin) receptor-like 2	ENST00000296641	-0,654291607
A_33_P3258392	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,654466464
A_21_P0009303	TCONS_00025577	XLOC_012404			-0,654858029
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,65541122
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,655792434
A_23_P201248	NM_052934	SLC26A9	solute carrier family 26, member 9	ENST00000367134	-0,65609716
A_33_P3410351	NM_000848	GSTM2	glutathione S-transferase mu 2 (muscle)	ENST00000476040	-0,656181688
A_24_P188800	NM_017923	Mar-01	membrane-associated ring finger (C3HC4) 1	ENST00000339875	-0,656871645

A_24_P102293	NM_015567	SLITRK5	SLIT and NTRK-like family, member 5	ENST00000325089	-0,656903061
A_23_P300150	NM_172387	NFATC1	nuclear factor of activated T-cells, cytoplasmic, calcineurin-	ENST00000318065	-0,657058725
A_23_P52761	NM_002423	MMP7	matrix metalloproteinase 7 (matrilysin, uterine)	ENST00000260227	-0,657286846
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,658027997
A_23_P16953	NM_000867	HTR2B	5-hydroxytryptamine (serotonin) receptor 2B	ENST00000540289	-0,658037264
A_24_P153568	NM_001039396	MPEG1	macrophage expressed 1	ENST00000361050	-0,658206855
A_33_P3314813	NM_001080446	C11orf94	chromosome 11 open reading frame 94	ENST00000449465	-0,658358385
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,658417601
A_23_P166848	NM_002343	LTF	lactotransferrin	ENST00000426532	-0,658535696
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,65872788
A_21_P0003549	NR_039975	LOC100506229	uncharacterized LOC100506229	ENST00000515864	-0,659017756
A_23_P32404	NM_002201	ISG20	interferon stimulated exonuclease gene 20kDa	ENST00000546338	-0,65917598
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,659788017
A_23_P75299	NM_022126	LHPP	phospholysine phosphohistidine inorganic pyrophosphate p	ENST00000368842	-0,660111668
A_23_P210763	NM_000214	JAG1	jagged 1	ENST00000254958	-0,660623489
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,660676377
A_19_P00322152	ENST00000423530	XLOC_l2_008434		ENST00000423530	-0,660833869
A_23_P500381	NM_019859	HTR7	5-hydroxytryptamine (serotonin) receptor 7 (adenylate cycl	ENST00000336152	-0,660856167
A_23_P250358	NM_017912	HERC6	hect domain and RLD 6	ENST00000511939	-0,661269205
A_24_P937405	NM_007173	PRSS23	protease, serine, 23	ENST00000280258	-0,66135698
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,661638601
A_32_P465742	NM_003558	PIP5K1B	phosphatidylinositol-4-phosphate 5-kinase, type I, beta	ENST00000265382	-0,662100513
A_33_P3638471	BC027954	TRGV7	T cell receptor gamma variable 7 (pseudogene)		-0,662123583
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,662178709
A_24_P117029	NM_000527	LDLR	low density lipoprotein receptor	ENST00000252444	-0,662404099
A_21_P0006135	TCONS_00015940	XLOC_007308			-0,662412547
A_21_P0002379	TCONS_00004094	XLOC_001929			-0,662978833
A_24_P206343	NM_033054	MYO1G	myosin IG	ENST00000488554	-0,663625688
A_33_P3281191	NM_002508	NID1	nidogen 1	ENST00000366595	-0,663682447

A_24_P382187	NM_001552	IGFBP4	insulin-like growth factor binding protein 4	ENST00000269593	-0,663815177
A_33_P3282566	NM_017728	TMEM104	transmembrane protein 104	ENST00000335464	-0,664571716
A_32_P336776	NM_194277	FRMD7	FERM domain containing 7	ENST00000298542	-0,664919006
A_23_P216225	NM_004430	EGR3	early growth response 3	ENST00000317216	-0,665223735
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,665847228
A_33_P3292254	NR_024481	FAM205B	transmembrane protein C9orf144B pseudogene		-0,666490753
A_32_P132860	NR_024280	UNQ6494	uncharacterized LOC100129066		-0,666526229
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,666930009
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,667191224
A_21_P0003919	BC095491	FRG1B	FSHD region gene 1 family, member B		-0,66740774
A_23_P120002	NM_004510	SP110	SP110 nuclear body protein	ENST00000338556	-0,667524193
A_24_P152968	NM_001353	AKR1C1	aldo-keto reductase family 1, member C1 (dihydrodiol dehy	ENST00000434459	-0,667612619
A_33_P3407289	NR_027436	LOC283788	FSHD region gene 1 pseudogene	ENST00000418749	-0,667804362
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,667887261
A_21_P0001620	TCONS_00001811	XLOC_001195			-0,667977492
A_24_P353638	NM_021181	SLAMF7	SLAM family member 7	ENST00000466792	-0,668164872
A_33_P3309561	NM_001098503	PTPRJ	protein tyrosine phosphatase, receptor type, J	ENST00000440289	-0,668170663
A_33_P3399263	NM_001243539	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-0,668615845
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,668690024
A_33_P3318509	NM_014358	CLEC4E	C-type lectin domain family 4, member E	ENST00000299663	-0,668695057
A_23_P160214	NM_001080494	TTC39A	tetratricopeptide repeat domain 39A	ENST00000451380	-0,669215392
A_23_P13382	NM_001013254	LSP1	lymphocyte-specific protein 1	ENST00000406638	-0,67095188
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,671185045
A_33_P3405514	NM_001204811	MAGEA10-MAG	MAGEA10-MAGEA5 readthrough	ENST00000427663	-0,671203348
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,671254067
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,671593766
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,671650618
A_33_P3354451	NM_007028	TRIM31	tripartite motif containing 31	ENST00000540829	-0,671742361
A_21_P0003446	TCONS_00007714	XLOC_003872			-0,672032498

A_23_P83200	NM_152572	AK8	adenylate kinase 8	ENST00000467161	-0,672200817
A_21_P0005568	TCONS_00014163	XLOC_006150			-0,672293465
A_23_P99360	NM_213590	TRIM13	tripartite motif containing 13	ENST00000378182	-0,672491727
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,672888289
A_33_P3370449	NM_152413	GOT1L1	glutamic-oxaloacetic transaminase 1-like 1	ENST00000307599	-0,673403384
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,673763643
A_23_P255104	NM_005779	LHFPL2	lipoma HMGIC fusion partner-like 2	ENST00000515007	-0,67387356
A_33_P3416387	NR_004385	RNU105C	RNA, U105C small nucleolar		-0,674961013
A_21_P0008358	ENST00000554225	XLOC_010879		ENST00000554225	-0,6759112
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,675983707
A_21_P0000015	NM_001146106	PARP9	poly (ADP-ribose) polymerase family, member 9	ENST00000462315	-0,677744636
A_23_P58132	NM_004310	RHOH	ras homolog gene family, member H	ENST00000381799	-0,677756914
A_23_P422732	NM_145172	WDR63	WD repeat domain 63	ENST00000294664	-0,677790164
A_21_P0013353	TCONS_I2_0002695	XLOC_I2_014048			-0,678131042
A_24_P45446	NM_052941	GBP4	guanylate binding protein 4	ENST00000471938	-0,678702285
A_33_P3295200	NM_001523	HAS1	hyaluronan synthase 1	ENST00000376738	-0,678736279
A_33_P3294237	NM_005955	MTF1	metal-regulatory transcription factor 1		-0,678758921
A_23_P201376	NM_014021	SSX2IP	synovial sarcoma, X breakpoint 2 interacting protein	ENST00000437941	-0,679951099
A_33_P3295203	NM_001523	HAS1	hyaluronan synthase 1	ENST00000376737	-0,680225405
A_24_P102880	NM_020443	NAV1	neuron navigator 1	ENST00000367296	-0,680572383
A_23_P120428	NM_014477	TP53TG5	TP53 target 5	ENST00000494455	-0,680681309
A_19_P00320570	TCONS_00010154	XLOC_004620			-0,681658873
A_19_P00318517	CN294843	XLOC_014192			-0,682491012
A_23_P320578	NM_002928	RGS16	regulator of G-protein signaling 16	ENST00000367558	-0,683024848
A_21_P0014373	XR_109500	LOC100506419	uncharacterized LOC100506419		-0,683085666
A_21_P0014105	ENST00000413820	LOC100505565		ENST00000413820	-0,684005789
A_23_P208293	NM_001042724	PVRL2	poliovirus receptor-related 2 (herpesvirus entry mediator B)	ENST00000252483	-0,684107062
A_21_P0000665	NR_036546	LOC100271702	uncharacterized LOC100271702		-0,68467392
A_33_P3316539	NM_001008539	SLC7A2	solute carrier family 7 (cationic amino acid transporter, y+ s	ENST00000004531	-0,684823556

A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693	-0,68530141
A_33_P3332474	NM_001001413	GOLGA6L1	golgin A6 family-like 1	ENST00000424531	-0,685894104
A_24_P236235	NM_013231	FLRT2	fibronectin leucine rich transmembrane protein 2	ENST00000330753	-0,685973034
A_33_P3304668	NM_000088	COL1A1	collagen, type I, alpha 1	ENST00000225964	-0,686433362
A_23_P335452	NM_153367	ZCCHC24	zinc finger, CCHC domain containing 24	ENST00000372336	-0,687214709
A_33_P3303810	NM_005558	LAD1	ladinin 1	ENST00000367313	-0,687938774
A_23_P145874	NM_152703	SAMD9L	sterile alpha motif domain containing 9-like	ENST00000411955	-0,688559955
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,68859663
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,68869538
A_21_P0009401	TCONS_00026020	XLOC_012360			-0,688954795
A_24_P402588	NM_018014	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000489516	-0,689457935
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,689913573
A_33_P3285277	NM_001167945	CACNB2	calcium channel, voltage-dependent, beta 2 subunit	ENST00000498816	-0,690183364
A_23_P26325	NM_002987	CCL17	chemokine (C-C motif) ligand 17	ENST00000219244	-0,690247665
A_23_P68155	NM_022168	IFIH1	interferon induced with helicase C domain 1	ENST00000543192	-0,690684976
A_23_P62642	NM_012337	CCDC19	coiled-coil domain containing 19	ENST00000475911	-0,69110455
A_33_P3264846	NM_152703	SAMD9L	sterile alpha motif domain containing 9-like	ENST00000394472	-0,6911281
A_23_P31996	NM_033051	SLC46A2	solute carrier family 46, member 2	ENST00000374228	-0,691787174
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,691921902
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,692905818
A_21_P0004772	ENST00000452675	XLOC_005810		ENST00000452675	-0,693093153
A_21_P0003118	TCONS_00006511	XLOC_003125			-0,693407839
A_33_P3376965	NM_024111	CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)	ENST00000487220	-0,693737128
A_24_P148717	NM_001295	CCR1	chemokine (C-C motif) receptor 1	ENST00000296140	-0,693737987
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,693958357
A_21_P0014653	XR_110911	LOC100507521	uncharacterized LOC100507521	ENST00000524942	-0,694104816
A_21_P0006517	THC2671943	XLOC_008072			-0,694147189
A_24_P942321	NM_018027	FRMD4A	FERM domain containing 4A	ENST00000357447	-0,694595278
A_21_P0002907	ENST00000441185	XLOC_003327		ENST00000441185	-0,69496523

A_33_P3415052	NM_001172292	NIPAL4	NIPA-like domain containing 4		-0,695520987
A_33_P3361891	NM_001042575	TMPRSS7	transmembrane protease, serine 7	ENST00000419127	-0,695594545
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,696377918
A_21_P0002334	THC2686815	XLOC_001788			-0,697890205
A_24_P349039	NM_020754	ARHGAP31	Rho GTPase activating protein 31	ENST00000264245	-0,698205286
A_24_P89457	NM_078467	CDKN1A	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	ENST00000478800	-0,699678266
A_23_P358944	NM_033244	PML	promyelocytic leukemia	ENST00000435786	-0,699778288
A_33_P3214105	NM_001674	ATF3	activating transcription factor 3	ENST00000366981	-0,700607928
A_21_P0002658	NR_037631	LOC100288911	uncharacterized LOC100288911		-0,701875315
A_21_P0001225	ENST00000433576	XLOC_001214		ENST00000433576	-0,701882888
A_24_P158718	NM_015177	DTX4	deltex homolog 4 (Drosophila)	ENST00000227451	-0,702232459
A_33_P3223002	NM_018485	GPR77	G protein-coupled receptor 77	ENST00000257267	-0,702390364
A_32_P231617	NM_014220	TM4SF1	transmembrane 4 L six family member 1	ENST00000383054	-0,703630669
A_23_P49539	NM_001080519	BAHCC1	BAH domain and coiled-coil containing 1	ENST00000307745	-0,703821102
A_23_P82523	NM_000927	ABCB1	ATP-binding cassette, sub-family B (MDR/TAP), member 1	ENST00000475929	-0,703972481
A_23_P384329	NM_001144823	DENND4A	DENN/MADD domain containing 4A	ENST00000443035	-0,705121128
A_23_P64913	NM_006205	PDE6H	phosphodiesterase 6H, cGMP-specific, cone, gamma	ENST00000266395	-0,707257824
A_23_P36531	NM_004616	TSPAN8	tetraspanin 8	ENST00000546561	-0,707488119
A_23_P321388	NM_153341	RNF19B	ring finger protein 19B	ENST00000405457	-0,707781716
A_23_P74290	NM_052942	GBP5	guanylate binding protein 5	ENST00000490568	-0,708025189
A_24_P11061	NM_153478	CSAG1	chondrosarcoma associated gene 1	ENST00000452779	-0,708088965
A_21_P0009773	TCONS_00027385	XLOC_013370			-0,708095249
A_23_P77437	NM_019023	PRMT7	protein arginine methyltransferase 7	ENST00000441236	-0,708698284
A_24_P192301	NM_006080	SEMA3A	sema domain, immunoglobulin domain (Ig), short basic don	ENST00000265362	-0,709290548
A_23_P9883	NM_001079821	NLRP3	NLR family, pyrin domain containing 3	ENST00000336119	-0,709372798
A_33_P3362696	NM_018157	RIC8B	resistance to inhibitors of cholinesterase 8 homolog B (C. el	ENST00000392837	-0,709768668
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,709815002
A_33_P3209866	NM_153186	KANK1	KN motif and ankyrin repeat domains 1	ENST00000382289	-0,709831046
A_32_P206839	NR_037631	LOC100288911	uncharacterized LOC100288911		-0,710531395

A_23_P139500	NM_030762	BHLHE41	basic helix-loop-helix family, member e41	ENST00000242728	-0,711172676
A_24_P373844	NM_024076	KCTD15	potassium channel tetramerisation domain containing 15	ENST00000284006	-0,711214607
A_24_P270460	NM_005532	IFI27	interferon, alpha-inducible protein 27	ENST00000555121	-0,713006106
A_23_P23639	NM_153259	MCOLN2	mucolipin 2	ENST00000530971	-0,713337952
A_32_P118568	NR_002727	RFPL1-AS1	RFPL1 antisense RNA 1 (non-protein coding)	ENST00000461286	-0,713591165
A_21_P0009147	NR_038847	LOC100505576	uncharacterized LOC100505576		-0,713705696
A_33_P3249589	NM_022893	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000358510	-0,714274279
A_23_P46936	NM_000399	EGR2	early growth response 2	ENST00000411732	-0,714498852
A_33_P3377151	NM_006274	CCL19	chemokine (C-C motif) ligand 19	ENST00000378800	-0,714720885
A_33_P3337901	NM_001198834	PDE4DIP	phosphodiesterase 4D interacting protein	ENST00000494734	-0,715424478
A_33_P3372910	NM_014314	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	ENST00000379882	-0,716101415
A_21_P0010605	TCONS_I2_0000107	XLOC_I2_000804			-0,71648468
A_23_P366230	NM_004690	LATS1	LATS, large tumor suppressor, homolog 1 (Drosophila)	ENST00000253339	-0,716858449
A_24_P751074	NM_005238	ETS1	v-ets erythroblastosis virus E26 oncogene homolog 1 (avian	ENST00000392668	-0,718150257
A_21_P0010882	ENST00000443523	XLOC_I2_001986		ENST00000443523	-0,718253911
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,718267362
A_33_P3316273	NM_002983	CCL3	chemokine (C-C motif) ligand 3	ENST00000470334	-0,718441105
A_32_P119248	NM_207305	FOXD4	forkhead box D4	ENST00000382500	-0,718452399
A_24_P403417	NM_004878	PTGES	prostaglandin E synthase	ENST00000481476	-0,718907945
A_23_P372308	NM_020211	RGMA	RGM domain family, member A	ENST00000538818	-0,719220518
A_19_P00803093	THC2728684	Q3AHP4			-0,720109442
A_23_P37702	NM_003294	TPSAB1	tryptase alpha/beta 1	ENST00000445910	-0,720435784
A_33_P3342126	NM_020226	PRDM8	PR domain containing 8	ENST00000415738	-0,721693835
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,721775337
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,722345103
A_21_P0004914	TCONS_00011908	XLOC_005409			-0,722642923
A_23_P138680	NM_172200	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-0,722935604
A_21_P0013498	TCONS_I2_0002789	XLOC_I2_014289			-0,723046337
A_23_P312752	NM_002242	KCNJ13	potassium inwardly-rectifying channel, subfamily J, member	ENST00000233826	-0,723359116

A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,723539632
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,723984552
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,72427635
A_21_P0014461	XR_109940	LOC100506934	uncharacterized LOC100506934		-0,724822817
A_33_P3211432	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000289473	-0,725489352
A_23_P203475	NM_145040	PRKCDBP	protein kinase C, delta binding protein	ENST00000303927	-0,725533063
A_21_P0010669	TCONS_I2_0000176:XLOC_I2_001302				-0,725759041
A_33_P3424067	NM_017635	SUV420H1	suppressor of variegation 4-20 homolog 1 (Drosophila)	ENST00000304363	-0,726321604
A_24_P363548	NM_005338	HIP1	huntingtin interacting protein 1	ENST00000336926	-0,726738602
A_24_P941217	ENST00000321276	SGPP2	sphingosine-1-phosphate phosphatase 2	ENST00000321276	-0,727935477
A_24_P116017	NM_002813	PSMD9	proteasome (prosome, macropain) 26S subunit, non-ATPase	ENST00000541212	-0,728429817
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,728543327
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,729892208
A_24_P320033	NM_005191	CD80	CD80 molecule	ENST00000264246	-0,731765182
A_21_P0000869	NR_039975	LOC100506229	uncharacterized LOC100506229		-0,732283702
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,732844683
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,733238186
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,733285608
A_24_P278126	NM_002485	NBN	nibrin	ENST00000396252	-0,733765186
A_32_P56001	NM_012072	CD93	CD93 molecule	ENST00000246006	-0,734317143
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,737627925
A_23_P69310	NM_003965	CCRL2	chemokine (C-C motif) receptor-like 2	ENST00000400882	-0,738147683
A_23_P23947	NM_005204	MAP3K8	mitogen-activated protein kinase kinase kinase 8	ENST00000263056	-0,7385041
A_33_P3250383	NM_033133	CNP	2',3'-cyclic nucleotide 3' phosphodiesterase		-0,739502516
A_32_P220770	NR_002812	HCG26	HLA complex group 26 (non-protein coding)		-0,739621652
A_21_P0012227	TCONS_I2_0001746:XLOC_I2_009172				-0,740045129
A_33_P3317613	NM_133625	SYN2	synapsin II	ENST00000540660	-0,740500751
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,742039152
A_33_P3322999	NM_001164375	C10orf105	chromosome 10 open reading frame 105	ENST00000398786	-0,742342307

A_21_P0011664	NR_027417	LOC644669	ankyrin repeat domain 30B pseudogene	ENST00000455308	-0,742963966
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,743367234
A_23_P144916	NM_005110	GFPT2	glutamine-fructose-6-phosphate transaminase 2	ENST00000253778	-0,744337504
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,745484361
A_23_P218369	NM_032963	CCL14	chemokine (C-C motif) ligand 14	ENST00000536149	-0,746755069
A_19_P00315804	NR_015375	FLJ35024	uncharacterized LOC401491		-0,746859507
A_23_P253692	NM_001079858	GPR64	G protein-coupled receptor 64	ENST00000356606	-0,748155295
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,748400694
A_33_P3402489	NM_006187	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	ENST00000228928	-0,748432518
A_33_P3407013	ENST00000420258	IL6	interleukin 6 (interferon, beta 2)	ENST00000420258	-0,749068603
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,749579334
A_33_P3309556	NM_006504	PTPRE	protein tyrosine phosphatase, receptor type, E		-0,749860405
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,750107684
A_23_P86470	NM_003956	CH25H	cholesterol 25-hydroxylase	ENST00000371852	-0,75065291
A_21_P0000778	NR_038357	LOC100507331	uncharacterized LOC100507331	ENST00000456638	-0,751294459
A_23_P42746	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000289473	-0,751758776
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,752547591
A_33_P3411145	NM_001145191	FAM200B	family with sequence similarity 200, member B	ENST00000504137	-0,75279952
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,753036559
A_24_P11315	NM_020190	OLFML3	olfactomedin-like 3	ENST00000393300	-0,753103958
A_23_P819	NM_005101	ISG15	ISG15 ubiquitin-like modifier	ENST00000379389	-0,753302549
A_24_P114249	NM_004482	GALNT3	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000392701	-0,75406106
A_32_P183918	NR_033851	MGC39372	serpin peptidase inhibitor, clade B (ovalbumin), member 9 pseudogene		-0,75505495
A_21_P0010978	AF001893	NEAT1	nuclear paraspeckle assembly transcript 1 (non-protein coding)		-0,755935751
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,757094713
A_23_P147025	NM_004794	RAB33A	RAB33A, member RAS oncogene family	ENST00000257017	-0,757309909
A_33_P3381513	NM_014143	CD274	CD274 molecule	ENST00000492923	-0,757832695
A_24_P335305	NM_006187	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	ENST00000323881	-0,760327029
A_23_P343398	NM_001838	CCR7	chemokine (C-C motif) receptor 7	ENST00000246657	-0,760937729

A_33_P3332362	NM_001207026	POU2F2	POU class 2 homeobox 2	ENST00000342301	-0,76190145
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,762216068
A_23_P354591	NM_033446	FAM125B	family with sequence similarity 125, member B	ENST00000361171	-0,763379491
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,763692604
A_33_P3705884	AK094188	LOC148189	uncharacterized LOC148189		-0,764671837
A_33_P3284508	NM_001174104	CD14	CD14 molecule	ENST00000302014	-0,765040604
A_23_P2492	NM_001734	C1S	complement component 1, s subcomponent	ENST00000360817	-0,765262804
A_21_P0005052	TCONS_00012260	XLOC_005811			-0,765541056
A_24_P389916	NM_005512	LRRC32	leucine rich repeat containing 32	ENST00000404995	-0,766470805
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,76701685
A_33_P3734384	AK097526	LOC285957	uncharacterized LOC285957		-0,767308912
A_21_P0004231	TCONS_00009878	XLOC_004300			-0,768819238
A_24_P335620	NM_003486	SLC7A5	solute carrier family 7 (amino acid transporter light chain, L	ENST00000261622	-0,769709434
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,770179138
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,770666679
A_24_P107317	NM_004205	USP2	ubiquitin specific peptidase 2	ENST00000260187	-0,770785857
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,771051967
A_23_P141802	NM_001040147	SERPINB7	serpin peptidase inhibitor, clade B (ovalbumin), member 7	ENST00000540675	-0,771117389
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,772490779
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,773084356
A_33_P3239185	NM_001252065	SYT7	synaptotagmin VII	ENST00000263846	-0,773243534
A_24_P97405	NM_003965	CCRL2	chemokine (C-C motif) receptor-like 2	ENST00000400880	-0,77354896
A_24_P362540	NM_003887	ASAP2	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2	ENST00000484590	-0,775125443
A_32_P53524	NM_004822	NTN1	netrin 1	ENST00000173229	-0,775236284
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,775244732
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,775300604
A_33_P3296181	NM_001001437	CCL3L3	chemokine (C-C motif) ligand 3-like 3	ENST00000394484	-0,775571228
A_23_P49448	NM_024306	FA2H	fatty acid 2-hydroxylase	ENST00000219368	-0,775624429
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,776825151

A_32_P4626	XR_108654	LOC100505880	uncharacterized LOC100505880		-0,777404875
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,779727572
A_23_P308722	NM_145038	CCDC164	coiled-coil domain containing 164	ENST00000288710	-0,780031566
A_23_P29680	NM_024046	CAMKV	CaM kinase-like vesicle-associated	ENST00000477224	-0,780114266
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,780711636
A_23_P55649	NM_001462	FPR2	formyl peptide receptor 2	ENST00000340023	-0,780840892
A_33_P3314356	ENST00000315194	PPM1K	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1K	ENST00000315194	-0,781848152
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,783146276
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,783707016
A_23_P419714	NM_001018072	BTBD11	BTB (POZ) domain containing 11	ENST00000280758	-0,783880901
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,78475792
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,7850925
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,785450716
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,786213168
A_33_P3225522	NM_001032731	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000449768	-0,786835733
A_33_P3610406	NR_028501	ECEL1P2	endothelin converting enzyme-like 1, pseudogene 2	ENST00000461596	-0,78690462
A_23_P423331	NM_032536	NTNG2	netrin G2	ENST00000360670	-0,787776887
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,789048918
A_33_P3239347	NM_006167	NKX3-1	NK3 homeobox 1	ENST00000380871	-0,78961717
A_23_P500130	NM_153186	KANK1	KN motif and ankyrin repeat domains 1	ENST00000382289	-0,790571682
A_24_P132383	NM_175571	GIMAP8	GTPase, IMAP family member 8	ENST00000307271	-0,791027736
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,791645908
A_21_P0000571	NR_028484	C22orf45	chromosome 22 open reading frame 45	ENST00000543438	-0,791876006
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,792066245
A_33_P3281695	NM_001243133	NLRP3	NLR family, pyrin domain containing 3	ENST00000391827	-0,792097579
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,792946447
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,792968596
A_32_P116606	NM_153234	LIX1	Lix1 homolog (chicken)	ENST00000274382	-0,793319828
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,794188093

A_23_P301521	NM_020848	KIAA1462	KIAA1462	ENST00000375377	-0,795451426
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,795510449
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,795844139
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,796003488
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,796698127
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,796744299
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,797116249
A_19_P00326514	THC2657073	XLOC_I2_007928			-0,797419498
A_21_P0014444	XR_109837	LOC100507639	uncharacterized LOC100507639		-0,798078797
A_21_P0011013	THC2737662	XLOC_I2_002729			-0,798536346
A_23_P17053	NM_019618	IL36G	interleukin 36, gamma	ENST00000259205	-0,798728391
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,800047495
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,800623859
A_23_P370682	NM_138456	BATF2	basic leucine zipper transcription factor, ATF-like 2	ENST00000527454	-0,800642538
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,800758119
A_33_P3362291	AK001351	FLJ10489	uncharacterized protein FLJ10489	ENST00000503718	-0,801026326
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,801817591
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,80203917
A_21_P0013370	ENST00000439058	XLOC_I2_013301		ENST00000439058	-0,802499296
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,802539806
A_23_P139146	NM_031457	MS4A8B	membrane-spanning 4-domains, subfamily A, member 8B	ENST00000300226	-0,802933965
A_21_P0013613	TCONS_I2_0002916	XLOC_I2_015090			-0,803337069
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,803395317
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,803825083
A_24_P197964	NM_014788	TRIM14	tripartite motif containing 14	ENST00000341469	-0,805839501
A_21_P0000893	NR_040051	LOC100506686	uncharacterized LOC100506686		-0,805901121
A_33_P3225625	NM_001003799	TARP	TCR gamma alternate reading frame protein	ENST00000443402	-0,806865407
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,806979098
A_23_P150316	NM_002426	MMP12	matrix metalloproteinase 12 (macrophage elastase)		-0,807132231

A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,808536853
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,808988598
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,809462563
A_23_P404494	NM_002185	IL7R	interleukin 7 receptor	ENST00000343305	-0,809692835
A_24_P414376	NM_016531	KLF3	Kruppel-like factor 3 (basic)	ENST00000261438	-0,810257665
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,810361408
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,811196213
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,811693183
A_21_P0002866	ENST00000484675	XLOC_003190		ENST00000484675	-0,812559113
A_21_P0013701	AK095210	XLOC_I2_014850			-0,812688695
A_21_P0013056	THC2730466	XLOC_I2_012847			-0,812912468
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,813802451
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,81571254
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,815978016
A_33_P3350583	NM_138819	FAM122C	family with sequence similarity 122C	ENST00000370784	-0,817848865
A_33_P3315906	NM_032611	PTP4A3	protein tyrosine phosphatase type IVA, member 3	ENST00000521578	-0,819676098
A_21_P0013808	THC2666070	XLOC_I2_015673			-0,819737562
A_21_P0008156	TCONS_00021991	XLOC_010591			-0,82001395
A_21_P0013372	ENST00000439058	XLOC_I2_013301		ENST00000439058	-0,820479874
A_21_P0012425	ENST00000415451	XLOC_I2_010061		ENST00000415451	-0,82113132
A_23_P42353	NM_016135	ETV7	ets variant 7	ENST00000339796	-0,822338176
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,822715379
A_33_P3829391	BC030809	LOC641510	uncharacterized LOC641510		-0,82275564
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,823172927
A_23_P257971	NM_001353	AKR1C1	aldo-keto reductase family 1, member C1 (dihydrodiol dehydratase)	ENST00000460124	-0,823331127
A_33_P3282641	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000416764	-0,824533229
A_33_P3606465	NR_033754	CBX3P2	chromobox homolog 3 pseudogene 2		-0,825129053
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,825909682
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,825961237

A_33_P3263890	NM_006902	PRRX1	paired related homeobox 1	ENST00000239461	-0,826551659
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,827472376
A_24_P618401	NR_034121	LOC100131067	uncharacterized LOC100131067	ENST00000501927	-0,827938991
A_21_P0005717	TCONS_00014754	XLOC_006838			-0,831114391
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,831355335
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,831426437
A_33_P3672756	XR_112106	LOC284561	uncharacterized LOC284561		-0,831469553
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,832122843
A_23_P27400	NM_001523	HAS1	hyaluronan synthase 1	ENST00000540069	-0,832216556
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,834173027
A_33_P3390057	NM_014220	TM4SF1	transmembrane 4 L six family member 1	ENST00000383054	-0,835306219
A_23_P209678	NM_002664	PLEK	pleckstrin	ENST00000234313	-0,835759464
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,835818818
A_32_P54553	ENST00000454608	USP41	ubiquitin specific peptidase 41	ENST00000454608	-0,836448748
A_33_P3258046	NM_170685	TAC4	tachykinin 4 (hemokinin)	ENST00000334568	-0,837398353
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,837590058
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,838354315
A_23_P13094	NM_002425	MMP10	matrix metalloproteinase 10 (stromelysin 2)	ENST00000279441	-0,838441981
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,838883255
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,839847903
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,840234387
A_33_P3240532	NM_015149	RGL1	ral guanine nucleotide dissociation stimulator-like 1	ENST00000367531	-0,84068394
A_23_P10458	NM_018280	C22orf26	chromosome 22 open reading frame 26	ENST00000333761	-0,841485917
A_21_P0013057	TCONS_I2_0002457	XLOC_I2_012847			-0,841998597
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,842390808
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-0,84250482
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,84270286
A_21_P0010536	NM_018284	GBP3	guanylate binding protein 3	ENST00000461384	-0,845141167
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,846139949

A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,84647312
A_23_P376488	NM_000594	TNF	tumor necrosis factor	ENST00000376122	-0,84664527
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,847495694
A_21_P0012418	TCONS_I2_0001904(XLOC_I2_010029				-0,848039613
A_32_P526255	NM_001145717	PNPLA1	patatin-like phospholipase domain containing 1	ENST00000457797	-0,848169669
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,848578974
A_33_P3354607	NM_002984	CCL4	chemokine (C-C motif) ligand 4	ENST00000250151	-0,851241685
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,851687231
A_24_P416997	NM_145641	APOL3	apolipoprotein L, 3	ENST00000397287	-0,851800733
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,85204437
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,852539128
A_24_P33895	NM_001040619	ATF3	activating transcription factor 3	ENST00000366983	-0,853007216
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,85346112
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,853718191
A_23_P320113	NM_080725	SRXN1	sulfiredoxin 1	ENST00000427916	-0,855170905
A_24_P245379	NM_002575	SERPINB2	serpin peptidase inhibitor, clade B (ovalbumin), member 2	ENST00000457692	-0,855301248
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,855364596
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,855463577
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,85590941
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,855989595
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,857580252
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,85838524
A_21_P0001164	ENST00000415166	XLOC_000955		ENST00000415166	-0,858397329
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,858685574
A_23_P36397	NM_000785	CYP27B1	cytochrome P450, family 27, subfamily B, polypeptide 1	ENST00000228606	-0,858932664
A_24_P305570	NM_018993	RIN2	Ras and Rab interactor 2	ENST00000255006	-0,859077269
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,859785133
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,860204494
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,861016515

A_23_P125680	NM_017938	FAM70A	family with sequence similarity 70, member A	ENST00000440464	-0,862695593
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,863383989
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,864398881
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,865041541
A_23_P149545	NM_003528	HIST2H2BE	histone cluster 2, H2be	ENST00000369155	-0,866198395
A_24_P354724	NM_054114	TAGAP	T-cell activation RhoGTPase activating protein	ENST00000326965	-0,866538953
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,866828755
A_23_P64611	NM_176798	P2RY6	pyrimidineric receptor P2Y, G-protein coupled, 6	ENST00000538328	-0,866878357
A_33_P3295278	NM_001136508	C1orf185	chromosome 1 open reading frame 185	ENST00000371759	-0,867333509
A_21_P0004268	TCONS_00010003	XLOC_004439			-0,867735521
A_23_P123853	NM_006274	CCL19	chemokine (C-C motif) ligand 19	ENST00000485502	-0,867934709
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,868197285
A_23_P74609	NM_015714	G0S2	G0/G1switch 2	ENST00000367029	-0,868798626
A_32_P24585	NM_001017995	SH3PXD2B	SH3 and PX domains 2B	ENST00000311601	-0,868834117
A_32_P54503	NR_024451	LOC100134229	uncharacterized LOC100134229		-0,869584797
A_33_P3352827	NM_003037	SLAMF1	signaling lymphocytic activation molecule family member 1	ENST00000355199	-0,871911112
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,872931195
A_23_P336612	NM_173528	C15orf26	chromosome 15 open reading frame 26	ENST00000286732	-0,87317552
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,873402962
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,877148895
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,877260458
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,877617335
A_33_P3224803	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000438106	-0,877994426
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,881047519
A_21_P0001988	ENST00000433724	XLOC_001932		ENST00000433724	-0,881489088
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,884778133
A_21_P0013181	ENST00000439058	XLOC_I2_013301		ENST00000439058	-0,884903731
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,886329377
A_24_P295010	NM_004155	SERPINB9	serpin peptidase inhibitor, clade B (ovalbumin), member 9	ENST00000380698	-0,886564268

A_23_P62890	NM_002053	GBP1	guanylate binding protein 1, interferon-inducible	ENST00000370473	-0,88895366
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,889595566
A_33_P3298810	NM_005304	FFAR3	free fatty acid receptor 3	ENST00000454971	-0,889689404
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,889775252
A_24_P788878	NM_001007595	C2CD4B	C2 calcium-dependent domain containing 4B	ENST00000380392	-0,889814132
A_32_P9543	NM_145699	APOBEC3A	apolipoprotein B mRNA editing enzyme, catalytic polypepti	ENST00000402255	-0,891885487
A_21_P0006780	ENST00000455465	XLOC_008902		ENST00000455465	-0,893526724
A_23_P344568	NM_145019	FAM124A	family with sequence similarity 124A	ENST00000280057	-0,895198328
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,895448699
A_23_P77918	NM_006041	HS3ST3B1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	ENST00000360954	-0,897400211
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,898069842
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,901795962
A_21_P0012521	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000416764	-0,90483297
A_21_P0010727	ENST00000453173	XLOC_I2_000423		ENST00000453173	-0,90601623
A_23_P17663	NM_002462	MX1	myxovirus (influenza virus) resistance 1, interferon-inducibl	ENST00000455164	-0,908984967
A_23_P34915	NM_001040619	ATF3	activating transcription factor 3	ENST00000366987	-0,909397132
A_21_P0005649	TCONS_00014594	XLOC_006699			-0,911741584
A_33_P3236661	BC150296	PCDH9	protocadherin 9		-0,914279958
A_24_P356916	NM_001011554	SLC13A3	solute carrier family 13 (sodium-dependent dicarboxylate tr	ENST00000279027	-0,918628464
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,919501949
A_23_P406782	NM_182983	HPN	hepsin	ENST00000541345	-0,920875404
A_24_P104407	NM_145728	SYNM	synemin, intermediate filament protein	ENST00000336292	-0,923402377
A_23_P259141	NM_030776	ZBP1	Z-DNA binding protein 1	ENST00000461547	-0,924603677
A_23_P6381	NM_002430	MN1	meningioma (disrupted in balanced translocation) 1	ENST00000302326	-0,925085045
A_33_P3415032	NM_002232	KCNA3	potassium voltage-gated channel, shaker-related subfamily,	ENST00000369769	-0,92509038
A_23_P114008	NM_024795	TM4SF20	transmembrane 4 L six family member 20	ENST00000304568	-0,927443415
A_23_P46482	NM_018724	IL20	interleukin 20	ENST00000367096	-0,929125189
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,929244466
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,929769774

A_23_P132159	NM_017414	USP18	ubiquitin specific peptidase 18	ENST00000215794	-0,934028846
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-0,934920705
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,93697172
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,937638935
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,938523877
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,938767956
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,939016765
A_32_P44394	NM_004833	AIM2	absent in melanoma 2	ENST00000368130	-0,940122645
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,940208872
A_19_P00315518	ENST00000427157	XLOC_005810		ENST00000427157	-0,94463968
A_23_P206920	NM_001040114	MYH11	myosin, heavy chain 11, smooth muscle	ENST00000396324	-0,944964205
A_23_P207564	NM_002984	CCL4	chemokine (C-C motif) ligand 4	ENST00000250151	-0,945197134
A_33_P3423941	NM_003641	IFITM1	interferon induced transmembrane protein 1 (9-27)	ENST00000408968	-0,94555997
A_23_P60146	NM_006207	PDGFRL	platelet-derived growth factor receptor-like	ENST00000251630	-0,946263677
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,947867217
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,947924038
A_32_P83845	NM_001040708	HEY1	hairy/enhancer-of-split related with YRPW motif 1	ENST00000337919	-0,950627849
A_33_P3393766	NM_001130677	C17orf96	chromosome 17 open reading frame 96	ENST00000325814	-0,951434917
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,95396969
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,954008718
A_24_P592012	NM_025224	ZBTB46	zinc finger and BTB domain containing 46	ENST00000245663	-0,954071489
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-0,954737893
A_33_P3225512	NM_002535	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000392583	-0,956735797
A_23_P334664	NM_033247	PML	promyelocytic leukemia	ENST00000395132	-0,957737259
A_24_P759477	NM_002214	ITGB8	integrin, beta 8		-0,959873748
A_23_P71037	NM_000600	IL6	interleukin 6 (interferon, beta 2)	ENST00000485300	-0,959995294
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,962947009
A_33_P3352467	NM_001050	SSTR2	somatostatin receptor 2	ENST00000357585	-0,962955726
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,96343931

A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,964491073
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,966082315
A_23_P152838	NM_002985	CCL5	chemokine (C-C motif) ligand 5	ENST00000463941	-0,96781747
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,968253566
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,969139806
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,970718282
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,970773348
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,971838133
A_23_P33326	NM_000679	ADRA1B	adrenergic, alpha-1B-, receptor		-0,973221665
A_33_P3367301	NM_152219	GJD3	gap junction protein, delta 3, 31.9kDa		-0,976472307
A_23_P203540	NM_012153	EHF	ets homologous factor	ENST00000257831	-0,977444619
A_21_P0002510	TCONS_00004464	XLOC_002342			-0,977996581
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,978349726
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,979874744
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-0,980887969
A_24_P70183	NM_001040113	MYH11	myosin, heavy chain 11, smooth muscle	ENST00000452625	-0,981969733
A_24_P303091	NM_001565	CXCL10	chemokine (C-X-C motif) ligand 10	ENST00000306602	-0,982201454
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,982901238
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,983330898
A_23_P6263	NM_002463	MX2	myxovirus (influenza virus) resistance 2 (mouse)	ENST00000330714	-0,986218062
A_21_P0004779	ENST00000417932	XLOC_005851		ENST00000417932	-0,987684003
A_23_P210690	NM_021158	TRIB3	tribbles homolog 3 (Drosophila)	ENST00000217233	-0,988177207
A_24_P766716	NM_001142343	CMKLR1	chemokine-like receptor 1	ENST00000312143	-0,990423707
A_23_P29773	NM_014398	LAMP3	lysosomal-associated membrane protein 3	ENST00000265598	-0,99059467
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,991453989
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,992405473
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,995711847
A_21_P0014632	XR_110833	LOC100505987	uncharacterized LOC100505987		-0,996136479
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-0,998742637

A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-0,999669623
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,003024937
A_23_P94030	NM_002291	LAMB1	laminin, beta 1	ENST00000222399	-1,003036641
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,004704764
A_23_P132057	NR_024027	LINC00158	long intergenic non-protein coding RNA 158		-1,012853653
A_21_P0001003	ENST00000420156	XLOC_000352		ENST00000420156	-1,016491146
A_24_P23625	ENST00000360954	HS3ST3B1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	ENST00000360954	-1,019210338
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,019711311
A_19_P00319917	NR_038956	LOC100506714	uncharacterized LOC100506714		-1,025288527
A_24_P784765	NM_203330	CD59	CD59 molecule, complement regulatory protein		-1,025750792
A_19_P00320881	NR_040025	LOC100505474	uncharacterized LOC100505474		-1,025909662
A_23_P337262	NM_153000	APCDD1	adenomatosis polyposis coli down-regulated 1	ENST00000423585	-1,028058624
A_33_P3284933	NM_145659	IL27	interleukin 27	ENST00000356897	-1,033311261
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,034769117
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,036574486
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,038649613
A_23_P156687	NM_001710	CFB	complement factor B	ENST00000546515	-1,039844462
A_33_P3324004	NM_032965	CCL15	chemokine (C-C motif) ligand 15	ENST00000354059	-1,042250029
A_24_P12690	NM_194294	IDO2	indoleamine 2,3-dioxygenase 2	ENST00000343295	-1,043036744
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,044711702
A_33_P3226810	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,045781172
A_23_P393620	NM_006528	TFPI2	tissue factor pathway inhibitor 2	ENST00000222543	-1,046708558
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,047893103
A_33_P3295328	NM_001007033	CLEC6A	C-type lectin domain family 6, member A	ENST00000382073	-1,048642486
A_33_P3381671	BC016366	LOC731424	uncharacterized LOC731424		-1,048807048
A_32_P74409	NM_001145033	C11orf96	chromosome 11 open reading frame 96	ENST00000528572	-1,053933567
A_33_P3258346	NM_017523	XAF1	XIAP associated factor 1	ENST00000361842	-1,056949406
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,058152992
A_21_P0014592	XR_110434	LOC100507575	uncharacterized LOC100507575		-1,063201916

A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,064818691
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,066170257
A_21_P0010537	TCONS_I2_0000039(XLOC_I2_000297				-1,0691161
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-1,073196634
A_33_P3283824	NM_001135147	SLC39A8	solute carrier family 39 (zinc transporter), member 8	ENST00000424970	-1,07788998
A_23_P62647	NM_003037	SLAMF1	signaling lymphocytic activation molecule family member 1	ENST00000392208	-1,078343361
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,080220921
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,08514515
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,085456456
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,085476042
A_23_P76078	NM_016584	IL23A	interleukin 23, alpha subunit p19	ENST00000228534	-1,090908605
A_21_P0012192	TCONS_I2_0001717(XLOC_I2_009172				-1,091729092
A_24_P411186	NM_022893	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000335712	-1,10146855
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,101973335
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,103415985
A_23_P127288	NM_000417	IL2RA	interleukin 2 receptor, alpha	ENST00000379954	-1,107987699
A_33_P3293446	NM_020848	KIAA1462	KIAA1462	ENST00000375377	-1,10952321
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,121190098
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,123435675
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,12825002
A_23_P77043	NM_024764	CATSPERB	cation channel, sperm-associated, beta	ENST00000256343	-1,132885622
A_23_P139704	NM_001946	DUSP6	dual specificity phosphatase 6	ENST00000279488	-1,141800671
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,146569858
A_23_P52266	NM_001548	IFIT1	interferon-induced protein with tetratricopeptide repeats 1	ENST00000546318	-1,147627968
A_33_P3418170	NM_014314	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	ENST00000379882	-1,149878157
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,150595887
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,153534932
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,154263288
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,155327344

A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,158036734
A_24_P230563	NM_000417	IL2RA	interleukin 2 receptor, alpha	ENST00000447847	-1,159062205
A_23_P49759	NM_002981	CCL1	chemokine (C-C motif) ligand 1	ENST00000225842	-1,159158493
A_24_P557479	NM_017523	XAF1	XIAP associated factor 1	ENST00000361842	-1,16064236
A_23_P79015	NM_199037	SCN1B	sodium channel, voltage-gated, type I, beta	ENST00000415950	-1,170702791
A_24_P299685	NM_198389	PDPN	podoplanin	ENST00000487038	-1,17476378
A_23_P204087	NM_016817	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000392583	-1,179915372
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,180131311
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,184061889
A_23_P17481	NM_023068	SIGLEC1	sialic acid binding Ig-like lectin 1, sialoadhesin	ENST00000202578	-1,185079874
A_33_P3313617	NR_003133	GBP1P1	guanylate binding protein 1, interferon-inducible pseudogen	ENST00000513638	-1,186626314
A_21_P0000695	NR_037867	LOC731424	uncharacterized LOC731424		-1,188671526
A_23_P358917	NM_000765	CYP3A7	cytochrome P450, family 3, subfamily A, polypeptide 7	ENST00000336374	-1,193785322
A_33_P3281283	NM_005226	S1PR3	sphingosine-1-phosphate receptor 3	ENST00000375846	-1,205240759
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,208775481
A_33_P3228460	NM_001136007	FXYP3	FXYP domain containing ion transport regulator 3	ENST00000535103	-1,212467546
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,217690512
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,218476065
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,220555181
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,229298206
A_23_P139786	NM_003733	OASL	2'-5'-oligoadenylate synthetase-like	ENST00000257570	-1,233515654
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,238215714
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,238455504
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,241069991
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,245983655
A_23_P386478	NM_024873	TNIP3	TNFAIP3 interacting protein 3	ENST00000511909	-1,245983816
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,247549526
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,250611668
A_24_P304071	NM_001547	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	ENST00000371826	-1,254394204

A_33_P3283611	NM_001549	IFIT3	interferon-induced protein with tetratricopeptide repeats 3	ENST00000543062	-1,25727861
A_33_P3401826	NM_207315	CMPK2	cytidine monophosphate (UMP-CMP) kinase 2, mitochondri	ENST00000478738	-1,260722882
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,26151299
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,263151214
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,26488547
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,274526807
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,277352765
A_33_P3329013	NM_001050	SSTR2	somatostatin receptor 2	ENST00000315332	-1,278093017
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,281933861
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,281942068
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,287665284
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,302839452
A_23_P167328	NM_001775	CD38	CD38 molecule	ENST00000540195	-1,309696128
A_32_P96000	NM_001004341	ETV3L	ets variant 3-like	ENST00000454449	-1,314324876
A_23_P7560	NM_002187	IL12B	interleukin 12B (natural killer cell stimulatory factor 2, cytot	ENST00000231228	-1,318727002
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,321435901
A_19_P00808588	NR_003133	GBP1P1		ENST00000513638	-1,345409412
A_23_P8801	NM_000777	CYP3A5	cytochrome P450, family 3, subfamily A, polypeptide 5	ENST00000339843	-1,366962208
A_19_P00812190	THC2520127	Q5D1D6			-1,372468147
A_23_P24004	NM_001547	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	ENST00000371826	-1,375705572
A_23_P125278	NM_005409	CXCL11	chemokine (C-X-C motif) ligand 11	ENST00000306621	-1,395949739
A_33_P3319925	ENST00000449753	IRG1	immunoresponsive 1 homolog (mouse)	ENST00000449753	-1,421004035
A_33_P3567892	AL050263	DKFZP547J0410	DKFZP547J0410 protein		-1,542614385
A_33_P3343175	NM_001565	CXCL10	chemokine (C-X-C motif) ligand 10	ENST00000306602	-1,577878382
A_23_P45871	NM_006820	IFI44L	interferon-induced protein 44-like	ENST00000476521	-1,604634376
A_33_P3380383	NM_001099221	TIFAB	TRAF-interacting protein with forkhead-associated domain,	ENST00000537858	-1,634237481
A_23_P35092	NM_153758	IL19	interleukin 19	ENST00000270218	-1,661514253
A_33_P3341499	NM_003392	WNT5A	wingless-type MMTV integration site family, member 5A	ENST00000264634	-1,682642192
A_23_P207456	NM_005623	CCL8	chemokine (C-C motif) ligand 8	ENST00000225840	-1,777723569

A_33_P3364488

NM_001170631

FCAMR

Fc receptor, IgA, IgM, high affinity

ENST00000450945

-1,921707519

Comparison of gene expression profiling between CopV-infected macrophages

ProbeName	SystematicName	GeneSymbol	GeneName	EnsemblID	CopV vs MØ_logFC
A_21_P0000504	NR_023344	RNU6ATAC	RNA, U6atac small nuclear (U12-dependent splicing)		2,657468841
A_21_P0000513	NR_026703	VTRNA1-1	vault RNA 1-1		2,359080889
A_33_P3273584	NR_003023	SCARNA2	small Cajal body-specific RNA 2		2,345103807
A_33_P3279708	NR_002761	RNU2-2	RNA, U2 small nuclear 2	ENST00000538098	2,344636761
A_33_P3390107	NR_003286	RN18S1	RNA, 18S ribosomal 1		2,224536218
A_21_P0000514	NR_026704	VTRNA1-2	vault RNA 1-2		2,096576508
A_21_P0004624	ENST00000440848	XLOC_005128		ENST00000440848	2,022668875
A_23_P388871	NM_175054	HIST4H4	histone cluster 4, H4	ENST00000539745	2,016902169
A_33_P3420259	NR_003287	RN28S1	RNA, 28S ribosomal 1		1,927546432
A_33_P3336632	NR_003287	RN28S1	RNA, 28S ribosomal 1		1,908983599
A_21_P0000392	NR_003076	SNORD98	small nucleolar RNA, C/D box 98	ENST00000483264	1,883318273
A_23_P363936	NM_014278	HSPA4L	heat shock 70kDa protein 4-like	ENST00000296464	1,851609822
A_23_P359540	NM_003540	HIST1H4F	histone cluster 1, H4f	ENST00000377745	1,821132243
A_33_P3327519	NR_002915	SNORA74A	small nucleolar RNA, H/ACA box 74A		1,817452129
A_23_P30805	NM_021968	HIST1H4J	histone cluster 1, H4j	ENST00000355057	1,754127197
A_21_P0000584	NR_030583	VTRNA2-1	vault RNA 2-1		1,75262622
A_21_P0000487	NR_004378	SNORD94	small nucleolar RNA, C/D box 94		1,746220584
A_33_P3267263	NR_004400	RNU1-5	RNA, U1 small nuclear 5		1,727697794
A_21_P0000515	NR_026705	VTRNA1-3	vault RNA 1-3		1,723213688
A_23_P69537	NM_006681	NMU	neuromedin U	ENST00000541393	1,707560879
A_33_P3351851	NM_003546	HIST1H4L	histone cluster 1, H4l	ENST00000355981	1,68846096
A_33_P3410836	NM_003539	HIST1H4D	histone cluster 1, H4d	ENST00000340756	1,686103194
A_23_P436281	NM_001034077	HIST2H4B	histone cluster 2, H4b	ENST00000392933	1,682179597
A_33_P3363120	NR_004387	SCARNA10	small Cajal body-specific RNA 10		1,668244028
A_33_P3332348	NR_002715	RN7SL1	RNA, 7SL, cytoplasmic 1	ENST00000553637	1,655367564
A_33_P3271121	ENST00000484097	SH3BP4	SH3-domain binding protein 4	ENST00000484097	1,611287026

A_23_P431179	NM_003538	HIST1H4A	histone cluster 1, H4a	ENST00000359907	1,603897447
A_23_P323685	NM_003543	HIST1H4H	histone cluster 1, H4h	ENST00000377727	1,586318133
A_23_P164451	NM_005994	TBX2	T-box 2	ENST00000477081	1,578931252
A_23_P30813	NM_003541	HIST1H4K	histone cluster 1, H4k	ENST00000357549	1,571033919
A_21_P0000371	NR_003037	SNORD7	small nucleolar RNA, C/D box 7		1,557325175
A_24_P20873	NM_003495	HIST1H4I	histone cluster 1, H4i	ENST00000354348	1,542665774
A_33_P3299865	NM_003541	HIST1H4K	histone cluster 1, H4k	ENST00000355057	1,537884945
A_21_P0000372	NR_003042	SNORD45C	small nucleolar RNA, C/D box 45C	ENST00000471759	1,535339516
A_33_P3389394	NR_002312	RPPH1	ribonuclease P RNA component H1	ENST00000554988	1,512611015
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,49999638
A_23_P402670	NM_001763	CD1A	CD1a molecule	ENST00000289429	-0,500048473
A_33_P3354181	NM_020122	KCMF1	potassium channel modulatory factor 1	ENST00000409785	-0,500078125
A_33_P3251492	NR_026913	LOC100133669	uncharacterized LOC100133669		-0,500275213
A_23_P40295	NM_012261	C20orf103	chromosome 20 open reading frame 103	ENST00000246070	-0,50027675
A_23_P502832	NM_006047	RBM12	RNA binding motif protein 12	ENST00000374114	-0,500344768
A_33_P3314356	ENST00000315194	PPM1K	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1K	ENST00000315194	-0,500400697
A_23_P94902	NM_198353	KCTD8	potassium channel tetramerisation domain containing 8	ENST00000360029	-0,500440433
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 3	ENST00000361441	-0,500448972
A_23_P114185	NM_004615	TSPAN7	tetraspanin 7	ENST00000422612	-0,500649376
A_21_P0003320	BC040914	XLOC_003738			-0,500728929
A_33_P3390950	AK125852	LOC100128338	uncharacterized LOC100128338		-0,500760646
A_23_P134854	NM_194284	CLDN23	claudin 23	ENST00000519106	-0,500810441
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibitory 1	ENST00000351004	-0,500852514
A_23_P102988	NM_006440	TXNRD2	thioredoxin reductase 2	ENST00000471149	-0,500878391
A_24_P189533	NM_015036	ENDOD1	endonuclease domain containing 1	ENST00000278505	-0,500891041
A_23_P320021	NM_003322	TULP1	tubby like protein 1	ENST00000545327	-0,500915322
A_19_P00322407	NR_034115	LOC729178	uncharacterized LOC729178		-0,500991824
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,500995361
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,501041691

A_21_P0014073	ENST00000455503	LOC100505481		ENST00000455503	-0,501146539
A_33_P3368830	NM_001033667	LY9	lymphocyte antigen 9	ENST00000368039	-0,501202379
A_24_P411749	NM_020455	GPR126	G protein-coupled receptor 126	ENST00000367609	-0,501219488
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,501224369
A_23_P145718	NM_001637	AOAH	acyloxyacyl hydrolase (neutrophil)	ENST00000483864	-0,501291346
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,501330335
A_23_P120931	NM_014508	APOBEC3C	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000361441	-0,501371551
A_21_P0010458	TCONS_00029736	XLOC_014411			-0,50142001
A_33_P3311473	NM_020453	ATP10D	ATPase, class V, type 10D	ENST00000273859	-0,501437261
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,501448772
A_32_P89352	NM_080676	MACROD2	MACRO domain containing 2	ENST00000217246	-0,501485017
A_33_P3225332	AK124122	LOC100288884	uncharacterized LOC100288884		-0,501516791
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,501538018
A_33_P3400943	NM_001199054	C16orf5	chromosome 16 open reading frame 5	ENST00000399599	-0,501539691
A_24_P191971	NM_024632	SAP30L	SAP30-like		-0,501553296
A_23_P149084	NM_000831	GRIK3	glutamate receptor, ionotropic, kainate 3	ENST00000373093	-0,501615645
A_21_P0005769	TCONS_00014869	XLOC_006938			-0,501709434
A_21_P0000454	NR_003360	SNORD116-29	small nucleolar RNA, C/D box 116-29		-0,50171009
A_32_P4626	XR_108654	LOC100505880	uncharacterized LOC100505880		-0,501745015
A_23_P133293	NM_024717	MCTP1	multiple C2 domains, transmembrane 1	ENST00000505078	-0,50176991
A_24_P205589	NM_007274	ACOT7	acyl-CoA thioesterase 7	ENST00000481175	-0,501991371
A_23_P41942	NM_006467	POLR3G	polymerase (RNA) III (DNA directed) polypeptide G (32kD)	ENST00000399107	-0,502009061
A_21_P0002711	NR_034088	LOC401109	uncharacterized LOC401109		-0,502163438
A_24_P221575	NM_001037442	RUFY3	RUN and FYVE domain containing 3	ENST00000536664	-0,502414222
A_21_P0003449	ENST00000503815	XLOC_003900		ENST00000503815	-0,502712216
A_23_P200030	NM_003838	FPGT	fucose-1-phosphate guanylyltransferase	ENST00000370898	-0,502780061
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,502860742
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,502878343
A_23_P88691	NM_000745	CHRNA5	cholinergic receptor, nicotinic, alpha 5	ENST00000299565	-0,502894795

A_33_P3290914	NM_006306	SMC1A	structural maintenance of chromosomes 1A	ENST00000340213	-0,502981139
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,503000579
A_21_P0008683	TCONS_00023530	XLOC_011368			-0,503099318
A_23_P26583	NM_032206	NLRC5	NLR family, CARD domain containing 5	ENST00000545081	-0,503127338
A_21_P0007919	ENST00000447784	XLOC_010286		ENST00000447784	-0,503239263
A_33_P3349651	NM_015055	SWAP70	SWAP switching B-cell complex 70kDa subunit	ENST00000318950	-0,503256034
A_23_P102950	NM_080860	RSPH1	radial spoke head 1 homolog (Chlamydomonas)	ENST00000493019	-0,503287135
A_23_P251881	NM_147130	NCR3	natural cytotoxicity triggering receptor 3	ENST00000376073	-0,503359394
A_21_P0014116	ENST00000503006	LOC100507134		ENST00000503006	-0,50348768
A_19_P00316625	NR_038346	MAGI2-AS3		ENST00000424477	-0,503594416
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,503618165
A_23_P408376	NM_025015	HSPA12A	heat shock 70kDa protein 12A	ENST00000369209	-0,503724084
A_24_P118196	NM_001080393	GXYLT2	glucoside xylosyltransferase 2	ENST00000389617	-0,503859599
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,504013675
A_33_P3391290	NM_001142483	C5orf13	chromosome 5 open reading frame 13	ENST00000507742	-0,504038956
A_19_P00320492	DQ272581	XLOC_I2_013001			-0,504089549
A_23_P335848	NM_057169	GIT2	G protein-coupled receptor kinase interacting ArfGAP 2	ENST00000361006	-0,504094412
A_33_P3285734	NM_001004310	FCRL6	Fc receptor-like 6	ENST00000392235	-0,50414447
A_21_P0000574	NM_001047	SRD5A1	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alp	ENST00000274192	-0,504224298
A_23_P31135	NM_005891	ACAT2	acetyl-CoA acetyltransferase 2	ENST00000472052	-0,504252386
A_33_P3252093	NM_006827	TMED10	transmembrane emp24-like trafficking protein 10 (yeast)	ENST00000303575	-0,504256322
A_21_P0013353	TCONS_I2_0002695	XLOC_I2_014048			-0,504361279
A_23_P131208	NM_006186	NR4A2	nuclear receptor subfamily 4, group A, member 2	ENST00000417972	-0,504399771
A_24_P937405	NM_007173	PRSS23	protease, serine, 23	ENST00000280258	-0,50452204
A_23_P99275	NM_002258	KLRB1	killer cell lectin-like receptor subfamily B, member 1	ENST00000229402	-0,504644189
A_33_P3358342	NM_005067	SIAH2	seven in absentia homolog 2 (Drosophila)	ENST00000312960	-0,504675634
A_24_P10233	NM_014326	DAPK2	death-associated protein kinase 2	ENST00000457488	-0,504751553
A_21_P0012674	ENST00000512915	XLOC_I2_011204		ENST00000512915	-0,504881581
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,505000523

A_33_P3261408	NM_147196	TMIE	transmembrane inner ear		-0,505036117
A_33_P3337131	NR_027426	LOC648691	uncharacterized LOC648691	ENST00000407120	-0,505046202
A_33_P3256303	NM_001206609	SELPLG	selectin P ligand	ENST00000388962	-0,505533599
A_23_P120254	NM_020185	DUSP22	dual specificity phosphatase 22	ENST00000344450	-0,505585719
A_33_P3404123	ENST00000391354	KRTAP9-7	keratin associated protein 9-7	ENST00000391354	-0,505598868
A_33_P3818787	NR_027277	LOC344967	acyl-CoA thioesterase 7 pseudogene	ENST00000381811	-0,505600395
A_24_P73599	NM_172217	IL16	interleukin 16	ENST00000394653	-0,505684378
A_23_P121825	NM_024941	C5orf44	chromosome 5 open reading frame 44	ENST00000545191	-0,505873466
A_23_P8108	NM_001243962	HLA-DQB1	major histocompatibility complex, class II, DQ beta 1	ENST00000547498	-0,505881695
A_33_P3347697	NM_002515	NOVA1	neuro-oncological ventral antigen 1	ENST00000539517	-0,505898539
A_23_P214950	NM_022121	PERP	PERP, TP53 apoptosis effector	ENST00000265603	-0,506228669
A_33_P3290780	NM_001185156	IL24	interleukin 24	ENST00000491169	-0,506236229
A_33_P3415216	NM_002437	MPV17	MpV17 mitochondrial inner membrane protein	ENST00000426513	-0,506265949
A_21_P0003773	BX117931	XLOC_004091			-0,506374511
A_23_P338952	NM_022753	S100BPB	S100P binding protein	ENST00000373475	-0,506408577
A_33_P3338928	NM_001343	DAB2	disabled homolog 2, mitogen-responsive phosphoprotein (I	ENST00000320816	-0,506627317
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,506701136
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,506767401
A_23_P25935	NM_007176	C14orf1	chromosome 14 open reading frame 1	ENST00000256319	-0,506897803
A_23_P120594	NM_032501	ACSS1	acyl-CoA synthetase short-chain family member 1	ENST00000537502	-0,506979782
A_23_P140373	NM_017791	FLVCR2	feline leukemia virus subgroup C cellular receptor family, m	ENST00000238667	-0,507049151
A_23_P3177	NM_022054	KCNK13	potassium channel, subfamily K, member 13	ENST00000282146	-0,507070732
A_23_P112482	NM_004925	AQP3	aquaporin 3 (Gill blood group)	ENST00000494313	-0,507178369
A_24_P810697	NM_001008529	MXRA7	matrix-remodelling associated 7	ENST00000375036	-0,50717971
A_23_P17012	NM_024583	SCRN3	secernin 3	ENST00000272732	-0,507182709
A_33_P3250383	NM_033133	CNP	2',3'-cyclic nucleotide 3' phosphodiesterase		-0,50718519
A_23_P100441	NM_024946	FAM192A	family with sequence similarity 192, member A	ENST00000309137	-0,507230578
A_23_P121222	NM_020165	RAD18	RAD18 homolog (S. cerevisiae)	ENST00000264926	-0,507339541
A_23_P92727	NM_015577	RAI14	retinoic acid induced 14	ENST00000428746	-0,507368688

A_33_P3230841	NM_001003892	DUPD1	dual specificity phosphatase and pro isomerase domain con	ENST00000338487	-0,507393181
A_33_P3336760	NM_018849	ABCB4	ATP-binding cassette, sub-family B (MDR/TAP), member 4	ENST00000265723	-0,507560011
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,507750019
A_33_P3362791	XM_001719518	LOC100128869	uncharacterized LOC100128869		-0,507795758
A_24_P189997	NM_138322	PCSK6	proprotein convertase subtilisin/kexin type 6	ENST00000331826	-0,507797983
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-0,507833234
A_24_P302685	NM_015320	ARHGEF4	Rho guanine nucleotide exchange factor (GEF) 4	ENST00000355771	-0,507904372
A_33_P3245734	NM_001130022	ZNF680	zinc finger protein 680	ENST00000447137	-0,507933083
A_33_P3220242	NM_001167575	C9orf82	chromosome 9 open reading frame 82	ENST00000333916	-0,50793901
A_23_P370569	NM_152440	C12orf66	chromosome 12 open reading frame 66	ENST00000398055	-0,507941139
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,508002369
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,508002454
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,508193417
A_24_P277295	NM_198490	RAB43	RAB43, member RAS oncogene family	ENST00000315150	-0,508426004
A_21_P0001265	TCONS_00000842	XLOC_000057			-0,508463735
A_23_P63343	NM_021995	UTS2	urotensin 2	ENST00000054668	-0,508531092
A_23_P51410	NM_022743	SMYD3	SET and MYND domain containing 3	ENST00000453676	-0,508540952
A_23_P165891	NM_005680	TAF1B	TATA box binding protein (TBP)-associated factor, RNA poly	ENST00000434858	-0,508599684
A_23_P203540	NM_012153	EHF	ets homologous factor	ENST00000257831	-0,508613247
A_23_P26024	NM_032413	C15orf48	chromosome 15 open reading frame 48	ENST00000396650	-0,508638308
A_33_P3364864	NM_005746	NAMPT	nicotinamide phosphoribosyltransferase	ENST00000393618	-0,508731779
A_24_P40626	NM_022469	GREM2	gremlin 2	ENST00000318160	-0,508886367
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,508941973
A_23_P115492	NM_024749	VASH2	vasohibin 2	ENST00000366965	-0,508971607
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,508979693
A_23_P24966	NM_171997	USP2	ubiquitin specific peptidase 2	ENST00000525735	-0,509129022
A_23_P115726	NM_194298	SLC16A9	solute carrier family 16, member 9 (monocarboxylic acid tra	ENST00000395348	-0,509197819
A_23_P121825	NM_024941	C5orf44	chromosome 5 open reading frame 44	ENST00000545191	-0,509226038
A_21_P0009346	TCONS_00025730	XLOC_012551			-0,509315598

A_24_P924862	NM_213589	RAPH1	Ras association (RalGDS/AF-6) and pleckstrin homology domain	ENST00000319170	-0,509404264
A_19_P00803606	AK002196	Q21C94			-0,509531299
A_23_P354805	NM_007249	KLF12	Kruppel-like factor 12	ENST00000377669	-0,509574272
A_33_P3216694	NM_024503	HIVEP3	human immunodeficiency virus type I enhancer binding protein	ENST00000247584	-0,509601602
A_23_P202269	NM_020987	ANK3	ankyrin 3, node of Ranvier (ankyrin G)	ENST00000280772	-0,509663255
A_23_P19852	NM_152558	IQCE	IQ motif containing E	ENST00000404984	-0,509667623
A_23_P137984	NM_002966	S100A10	S100 calcium binding protein A10	ENST00000368809	-0,509739241
A_32_P26969	NM_207332	ERICH1	glutamate-rich 1	ENST00000262109	-0,509748197
A_33_P3269109	NM_001130686	GUCY1A3	guanylate cyclase 1, soluble, alpha 3	ENST00000512983	-0,509768421
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,509860379
A_24_P333716	NM_022459	XPO4	exportin 4	ENST00000255305	-0,509945174
A_33_P3281785	NM_006167	NKX3-1	NK3 homeobox 1	ENST00000300332	-0,510044543
A_21_P0013591	XR_108989	LOC100507540	uncharacterized LOC100507540		-0,51007838
A_24_P319923	NM_053025	MYLK	myosin light chain kinase	ENST00000418370	-0,510103647
A_23_P156284	NM_080881	DBN1	drebrin 1	ENST00000472831	-0,510290153
A_33_P3575529	AF309699	OR5E1P	olfactory receptor, family 5, subfamily E, member 1 pseudogene		-0,510303855
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,510442945
A_23_P205778	NM_016194	GNB5	guanine nucleotide binding protein (G protein), beta 5	ENST00000358784	-0,510502401
A_23_P23765	NM_014288	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)	ENST00000283568	-0,51070054
A_21_P0001059	ENST00000423842	XLOC_000554		ENST00000423842	-0,510815916
A_23_P141429	NM_016428	ABI3	ABI family, member 3	ENST00000419580	-0,510857685
A_33_P3360675	NM_001164761	PRKAR1B	protein kinase, cAMP-dependent, regulatory, type I, beta	ENST00000430040	-0,510902252
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,510942396
A_24_P46953	NM_013257	SGK3	serum/glucocorticoid regulated kinase family, member 3	ENST00000262211	-0,510964959
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibitory	ENST00000351004	-0,510989637
A_33_P3344243	NM_001008393	C4orf46	chromosome 4 open reading frame 46	ENST00000379205	-0,511124875
A_24_P926783	NM_001145434	ZNF880	zinc finger protein 880	ENST00000422689	-0,511174825
A_32_P208403	NM_053064	GNG2	guanine nucleotide binding protein (G protein), gamma 2	ENST00000335281	-0,511191915
A_23_P121222	NM_020165	RAD18	RAD18 homolog (S. cerevisiae)	ENST00000264926	-0,5113107

A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,51131705
A_23_P83751	NM_024806	C11orf63	chromosome 11 open reading frame 63	ENST00000227349	-0,511376687
A_23_P256107	NM_006665	HPSE	heparanase	ENST00000507150	-0,511561864
A_21_P0008960	THC2655745	XLOC_011758			-0,511570972
A_19_P00315506	NM_001162893	KIAA0040			-0,511571742
A_33_P3270009	NM_147223	NCOA1	nuclear receptor coactivator 1	ENST00000405141	-0,511599888
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 'ENST00000545925		-0,511604953
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,511694483
A_33_P3221528	NM_004136	IREB2	iron-responsive element binding protein 2	ENST00000258886	-0,51173396
A_32_P701268	NM_053002	MED12L	mediator complex subunit 12-like	ENST00000474524	-0,511754835
A_24_P319364	NM_016946	F11R	F11 receptor	ENST00000368026	-0,511761557
A_21_P0012804	ENST00000509161	XLOC_I2_011291		ENST00000509161	-0,51181354
A_23_P389465	NM_173598	KSR2	kinase suppressor of ras 2	ENST00000545002	-0,511819354
A_32_P163858	NM_005063	SCD	stearoyl-CoA desaturase (delta-9-desaturase)	ENST00000370355	-0,511864281
A_32_P211045	NM_000791	DHFR	dihydrofolate reductase	ENST00000439211	-0,511878903
A_33_P3315779	NM_001165136	HERC6	hect domain and RLD 6	ENST00000273960	-0,512048304
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,512060346
A_23_P148194	NM_018269	ADI1	acireductone dioxygenase 1	ENST00000327435	-0,512070684
A_23_P158096	ENST00000468565	COL27A1	collagen, type XXVII, alpha 1	ENST00000468565	-0,512135537
A_24_P183128	NM_016619	PLAC8	placenta-specific 8	ENST00000505406	-0,512221657
A_23_P124427	NM_012224	NEK1	NIMA (never in mitosis gene a)-related kinase 1	ENST00000507142	-0,512255863
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,512276536
A_23_P422831	NM_004816	FAM189A2	family with sequence similarity 189, member A2	ENST00000257515	-0,512387336
A_21_P0010528	TCONS_I2_0000027;XLOC_I2_000196				-0,512407976
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,512539785
A_33_P3223648	NR_037879	LOC100505876	uncharacterized LOC100505876	ENST00000406711	-0,512676793
A_33_P3313830	NR_015360	FLJ33630	uncharacterized LOC644873		-0,512708085
A_33_P3249649	NR_038865	C19orf29-AS1	C19orf29 antisense RNA 1 (non-protein coding)		-0,512713493
A_23_P23765	NM_014288	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)	ENST00000283568	-0,512804412

A_33_P3360072	NM_001161429	RANBP3L	RAN binding protein 3-like	ENST00000296604	-0,512903525
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,512930215
A_33_P3289356	NM_001779	CD58	CD58 molecule	ENST00000369489	-0,512932467
A_32_P73796	NM_014906	PPM1E	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1E	ENST00000308249	-0,512988751
A_21_P0013799	U66048	LOC100272228	uncharacterized LOC100272228		-0,513182301
A_23_P56759	NM_016618	KRCC1	lysine-rich coiled-coil 1	ENST00000347055	-0,513194061
A_33_P3409159	NM_015482	SLC22A23	solute carrier family 22, member 23	ENST00000406686	-0,513213709
A_33_P3357843	NM_000232	SGCB	sarcoglycan, beta (43kDa dystrophin-associated glycoprotein)	ENST00000381431	-0,513318712
A_33_P3385957	NM_012263	TTL1	tubulin tyrosine ligase-like family, member 1	ENST00000440761	-0,513343967
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,513515618
A_23_P106922	NM_021615	CHST6	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6	ENST00000332272	-0,513537118
A_33_P3355230	NM_002287	LAIR1	leukocyte-associated immunoglobulin-like receptor 1	ENST00000313038	-0,513618811
A_24_P40529	NM_018196	TMLHE	trimethyllysine hydroxylase, epsilon	ENST00000334398	-0,513764579
A_24_P154948	NM_002047	GARS	glycyl-tRNA synthetase	ENST00000470392	-0,513815814
A_23_P34537	NM_000120	EPHX1	epoxide hydrolase 1, microsomal (xenobiotic)	ENST00000366837	-0,513818569
A_33_P3729375	AK093857	LOC285181	uncharacterized LOC285181		-0,513926077
A_23_P334218	NM_145647	WDR67	WD repeat domain 67	ENST00000287380	-0,514024446
A_33_P3736195	BX647230	DKFZp686M1131	uncharacterized LOC399832		-0,514056901
A_33_P3307163	NM_001134363	RBM20	RNA binding motif protein 20	ENST00000369519	-0,514068573
A_23_P420293	NM_145013	C11orf45	chromosome 11 open reading frame 45	ENST00000310799	-0,514189022
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,514193271
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,514329146
A_24_P295877	NM_014704	CEP104	centrosomal protein 104kDa	ENST00000438539	-0,514437006
A_33_P3392537	NM_004614	TK2	thymidine kinase 2, mitochondrial	ENST00000451102	-0,514479758
A_32_P313405	NM_005559	LAMA1	laminin, alpha 1	ENST00000488064	-0,514563822
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase alpha	ENST00000248975	-0,514578367
A_33_P3888629	NM_001164000	MECOM	MDS1 and EVI1 complex locus	ENST00000264674	-0,514654087
A_33_P3247559	NM_001144937	FNDC7	fibronectin type III domain containing 7	ENST00000370017	-0,514678059
A_21_P0000709	NR_037934	LOC285540	uncharacterized LOC285540	ENST00000507794	-0,514698273

A_33_P3318696	NM_001008661	CCBL2	cysteine conjugate-beta lyase 2	ENST00000370486	-0,514735362
A_24_P142118	NM_003246	THBS1	thrombospondin 1	ENST00000260356	-0,514740502
A_33_P3262431	NM_032045	KREMEN1	kringle containing transmembrane protein 1	ENST00000327813	-0,514745168
A_23_P161076	NM_001767	CD2	CD2 molecule	ENST00000369478	-0,514818714
A_21_P0012088	ENST00000449075	XLOC_I2_008226		ENST00000449075	-0,514843846
A_32_P14762	NM_001080507	OOEP	oocyte expressed protein homolog (dog)	ENST00000370363	-0,514873044
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,514880443
A_33_P3570208	NR_036497	LPP-AS2	LPP antisense RNA 2 (non-protein coding)		-0,514903219
A_33_P3241269	NM_001025195	CES1	carboxylesterase 1	ENST00000360526	-0,514947791
A_24_P645765	NM_020782	KLHDC5	kelch domain containing 5	ENST00000381271	-0,514959789
A_23_P50946	NM_005855	RAMP1	receptor (G protein-coupled) activity modifying protein 1	ENST00000254661	-0,514982961
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,515081031
A_19_P00812911	NR_038842	LOC728431	uncharacterized LOC728431	ENST00000424989	-0,515220051
A_33_P3334908	NM_145177	DHRX	dehydrogenase/reductase (SDR family) X-linked	ENST00000334651	-0,515306304
A_33_P3306823	NM_001077624	ZNF846	zinc finger protein 846	ENST00000397902	-0,515360148
A_23_P209978	NM_003385	VSNL1	visinin-like 1	ENST00000404666	-0,515371818
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,515449464
A_23_P22224	NM_004095	EIF4EBP1	eukaryotic translation initiation factor 4E binding protein 1	ENST00000338825	-0,515584712
A_33_P3264224	NM_017525	CDC42BPG	CDC42 binding protein kinase gamma (DMPK-like)	ENST00000342711	-0,515719321
A_24_P365767	NM_000397	CYBB	cytochrome b-245, beta polypeptide	ENST00000378588	-0,515928444
A_23_P31064	NM_015529	MOXD1	monooxygenase, DBH-like 1	ENST00000367963	-0,515989184
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,516052775
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase	ENST00000248975	-0,51609357
A_33_P3212172	NM_024798	SNX22	sorting nexin 22	ENST00000380278	-0,516107229
A_24_P84340	NM_198828	MAST4	microtubule associated serine/threonine kinase family member	ENST00000478569	-0,516173596
A_23_P165090	NM_024407	NDUFS7	NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (F1)	ENST00000534853	-0,516189835
A_24_P80500	NM_020139	BDH2	3-hydroxybutyrate dehydrogenase, type 2		-0,51632807
A_24_P196384	XR_132594	LOC100129502	uncharacterized LOC100129502		-0,516356461
A_21_P0007570	THC2720680	XLOC_009782			-0,516367803

A_33_P3326617	NM_001018104	FAHD1	fumarylacetoacetate hydrolase domain containing 1	ENST00000382666	-0,516468801
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,516500429
A_23_P105535	NM_172240	POC1B	POC1 centriolar protein homolog B (Chlamydomonas)	ENST00000378528	-0,516500963
A_23_P169197	NM_032303	HSDL2	hydroxysteroid dehydrogenase like 2	ENST00000398803	-0,516514328
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,516518269
A_24_P366526	BC105992	SYNGR2	synaptogyrin 2		-0,516612987
A_24_P48495	NM_014400	LYPD3	LY6/PLAUR domain containing 3	ENST00000244333	-0,516638045
A_33_P3333982	NM_022359	PDE4DIP	phosphodiesterase 4D interacting protein	ENST00000527063	-0,516649026
A_24_P22050	NM_017817	RAB20	RAB20, member RAS oncogene family	ENST00000267328	-0,516663385
A_33_P3274332	NM_016021	UBE2J1	ubiquitin-conjugating enzyme E2, J1, U	ENST00000435041	-0,516714345
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,516760536
A_32_P489	NR_038399	LOC100132735	uncharacterized LOC100132735	ENST00000414038	-0,516784517
A_21_P0002086	ENST00000443123	XLOC_002250		ENST00000443123	-0,516834429
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,516894382
A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125	-0,516964678
A_21_P0000144	NM_001199233	LOC100505478	uncharacterized protein LOC100505478	ENST00000436752	-0,516977927
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,517270089
A_19_P00316455	ENST00000431554	P39194		ENST00000431554	-0,517270339
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,517475238
A_33_P3304382	NM_152416	C8orf38	chromosome 8 open reading frame 38	ENST00000396124	-0,517481333
A_33_P3407289	NR_027436	LOC283788	FSHD region gene 1 pseudogene	ENST00000418749	-0,517483308
A_33_P3417313	NM_023078	PYCR1	pyrroline-5-carboxylate reductase-like	ENST00000377579	-0,517547025
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,517582513
A_33_P3396139	NM_005214	CTLA4	cytotoxic T-lymphocyte-associated protein 4	ENST00000302823	-0,517587174
A_32_P60223	NM_032329	ING5	inhibitor of growth family, member 5	ENST00000313552	-0,517693746
A_21_P0014472	XR_109972	SOS1-IT1	SOS1 intronic transcript 1 (non-protein coding)		-0,517742493
A_33_P3248992	NM_001609	ACADSB	acyl-CoA dehydrogenase, short/branched chain	ENST00000358776	-0,517805453
A_19_P00318418	NM_001166254	TBXAS1	thromboxane A synthase 1 (platelet)	ENST00000481440	-0,517808967
A_19_P00317173	THC2524841	XLOC_I2_010723			-0,518050778

A_21_P0001637	TCONS_00001853	XLOC_001241				-0,518092146
A_23_P432610	NM_153029	N4BP1	NEDD4 binding protein 1	ENST00000262384		-0,5181226
A_23_P120594	NM_032501	ACSS1	acyl-CoA synthetase short-chain family member 1	ENST00000537502		-0,518139219
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 1	ENST00000545925		-0,518236554
A_21_P0007133	AK056982	XLOC_009372				-0,518250923
A_21_P0010773	NR_033856	FLJ43315	asparagine synthetase pseudogene	ENST00000416367		-0,518427049
A_32_P54503	NR_024451	LOC100134229	uncharacterized LOC100134229			-0,518533994
A_23_P16469	NM_001005377	PLAUR	plasminogen activator, urokinase receptor	ENST00000221264		-0,518560548
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176		-0,518561865
A_23_P91640	NM_020437	ASPHD2	aspartate beta-hydroxylase domain containing 2	ENST00000215906		-0,518659413
A_23_P503182	NM_021962	ABR	active BCR-related gene	ENST00000291107		-0,518712627
A_23_P209232	NM_024692	CLIP4	CAP-GLY domain containing linker protein family, member 4	ENST00000379543		-0,51879239
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301		-0,51891523
A_24_P380061	NM_001025616	ARHGAP24	Rho GTPase activating protein 24	ENST00000264343		-0,518950958
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129		-0,518974928
A_21_P0011734	XR_109588	LOC100505851	uncharacterized LOC100505851			-0,519207989
A_33_P3416286	NM_006047	RBM12	RNA binding motif protein 12	ENST00000359646		-0,519260793
A_23_P3302	NM_018365	MNS1	meiosis-specific nuclear structural 1	ENST00000260453		-0,519349308
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026		-0,519431211
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626		-0,519475177
A_23_P11800	NM_018584	CAMK2N1	calcium/calmodulin-dependent protein kinase II inhibitor 1	ENST00000375078		-0,519487716
A_23_P152620	NM_172088	TNFSF13	tumor necrosis factor (ligand) superfamily, member 13	ENST00000380535		-0,51964537
A_23_P115726	NM_194298	SLC16A9	solute carrier family 16, member 9 (monocarboxylic acid tra	ENST00000395348		-0,520026482
A_23_P2705	NM_005767	LPAR6	lysophosphatidic acid receptor 6	ENST00000345941		-0,52006827
A_33_P3342633	NM_001031719	DHRS12	dehydrogenase/reductase (SDR family) member 12	ENST00000280056		-0,520125853
A_23_P430411	ENST00000545414	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000545414		-0,520126011
A_23_P414978	NM_177533	NUDT14	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000339418		-0,520338009
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326		-0,520372189
A_23_P76799	NM_013448	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	ENST00000360310		-0,52037357

A_23_P31844	NM_001693	ATP6V1B2	ATPase, H ⁺ transporting, lysosomal 56/58kDa, V1 subunit B	ENST00000523482	-0,520427485
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,520509704
A_23_P210515	NM_020967	NCOA5	nuclear receptor coactivator 5	ENST00000290231	-0,520514121
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,520588165
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,520601084
A_23_P28857	NM_018556	SIRPG	signal-regulatory protein gamma	ENST00000381580	-0,52060676
A_23_P145238	NM_080593	HIST1H2BK	histone cluster 1, H2bk	ENST00000396891	-0,520639937
A_21_P0007403	NR_034148	LOC283143	uncharacterized LOC283143		-0,520698742
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,520700159
A_24_P942354	NM_006224	PITPNA	phosphatidylinositol transfer protein, alpha	ENST00000313486	-0,520757493
A_33_P3400192	NM_001135044	MAPK9	mitogen-activated protein kinase 9	ENST00000425491	-0,520895316
A_21_P0007154	ENST00000449749	XLOC_009355		ENST00000449749	-0,520910775
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,520936246
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,520938927
A_23_P76799	NM_013448	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	ENST00000360310	-0,520991936
A_33_P3251896	NM_004307	APBB2	amyloid beta (A4) precursor protein-binding, family B, mem	ENST00000316212	-0,521024625
A_33_P3637909	NM_015983	UBE2D4	ubiquitin-conjugating enzyme E2D 4 (putative)		-0,521031574
A_33_P3347452	NM_021135	RPS6KA2	ribosomal protein S6 kinase, 90kDa, polypeptide 2	ENST00000510118	-0,521042513
A_32_P166693	NM_020733	HEG1	HEG homolog 1 (zebrafish)	ENST00000311127	-0,521083319
A_23_P314145	NM_005715	UST	uronyl-2-sulfotransferase	ENST00000367463	-0,521085976
A_23_P435407	NM_001448	GPC4	glypican 4	ENST00000536418	-0,521088402
A_33_P3709150	NM_003181	T	T, brachyury homolog (mouse)	ENST00000366871	-0,521181624
A_33_P3229477	NM_173496	MPP7	membrane protein, palmitoylated 7 (MAGUK p55 subfamily	ENST00000337532	-0,521313831
A_33_P3222689	NM_001164416	H2BFM	H2B histone family, member M	ENST00000243297	-0,521365935
A_33_P3368014	NM_001040107	HVCN1	hydrogen voltage-gated channel 1	ENST00000356742	-0,521455833
A_23_P354705	NM_003034	ST8SIA1	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase	ENST00000396037	-0,521522497
A_23_P201628	NM_002293	LAMC1	laminin, gamma 1 (formerly LAMB2)	ENST00000258341	-0,521523121
A_32_P66881	NM_138554	TLR4	toll-like receptor 4		-0,521523946
A_21_P0009767	TCONS_00027356	XLOC_013333			-0,521585396

A_21_P0003435	ENST00000507776	XLOC_003824		ENST00000507776	-0,5216382
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,521651971
A_21_P0010761	BC035370	XLOC_I2_000941			-0,521745216
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,521807003
A_21_P0010152	ENST00000426418	XLOC_013896		ENST00000426418	-0,521820968
A_19_P00320749	NR_003367	PVT1			-0,521854193
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,521949874
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 9	ENST00000545925	-0,521979156
A_23_P113777	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)	ENST00000376162	-0,522408617
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,522418113
A_24_P612446	NM_152734	C6orf89	chromosome 6 open reading frame 89		-0,522451649
A_24_P77082	NM_003679	KMO	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)	ENST00000366555	-0,522646748
A_33_P3285195	XR_109821	LOC100507012	uncharacterized LOC100507012	ENST00000510795	-0,522663575
A_23_P887	NM_014002	IKBKE	inhibitor of kappa light polypeptide gene enhancer in B-cells	ENST00000537984	-0,522861301
A_21_P0005700	TCONS_00014720	XLOC_006810			-0,522876996
A_21_P0014597	XR_110467	LOC100507539	uncharacterized LOC100507539	ENST00000506914	-0,522895899
A_33_P3305731	NM_025176	NINL	ninein-like	ENST00000278886	-0,522930106
A_21_P0010265	THC2748073	XLOC_013986			-0,523123064
A_33_P3360341	NM_001002295	GATA3	GATA binding protein 3	ENST00000379328	-0,523267494
A_19_P00321692	ENST00000447453	XLOC_002142		ENST00000447453	-0,523391312
A_23_P76799	NM_013448	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	ENST00000360310	-0,523407345
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,523450659
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,523586871
A_23_P209394	NM_001127184	CFLAR	CASP8 and FADD-like apoptosis regulator	ENST00000461820	-0,523627316
A_23_P20107	NM_015917	GSTK1	glutathione S-transferase kappa 1	ENST00000494735	-0,523628439
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activator	ENST00000248975	-0,523757846
A_33_P3423551	NM_003897	IER3	immediate early response 3	ENST00000376382	-0,523775674
A_24_P274270	NM_139266	STAT1	signal transducer and activator of transcription 1, 91kDa	ENST00000540176	-0,523813536
A_23_P433050	NM_021634	RXFP1	relaxin/insulin-like family peptide receptor 1	ENST00000448688	-0,523861405

A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,523880256
A_19_P00315718	NM_001145191	FAM200B		ENST00000502502	-0,523926171
A_21_P0014610	XR_110521	LOC100506941	uncharacterized LOC100506941		-0,524006542
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,524031531
A_24_P105733	NM_022648	TNS1	tensin 1	ENST00000479185	-0,524063923
A_23_P82523	NM_000927	ABCB1	ATP-binding cassette, sub-family B (MDR/TAP), member 1	ENST00000475929	-0,524076403
A_23_P319583	NM_014747	RIMS3	regulating synaptic membrane exocytosis 3	ENST00000372684	-0,524108209
A_21_P0014257	ENST00000368619	STK32C	serine/threonine kinase 32C	ENST00000368619	-0,524117995
A_23_P133543	NM_017415	KLHL3	kelch-like 3 (Drosophila)	ENST00000309755	-0,524213574
A_23_P141248	NM_021947	SRR	serine racemase	ENST00000344595	-0,524257707
A_33_P3251332	NM_015473	HEATR5A	HEAT repeat containing 5A	ENST00000389961	-0,524260321
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,524321429
A_21_P0014373	XR_109500	LOC100506419	uncharacterized LOC100506419		-0,524365113
A_21_P0010522	ENST00000451482	XLOC_I2_000116		ENST00000451482	-0,524373078
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,524384621
A_24_P411899	NM_183419	RNF19A	ring finger protein 19A	ENST00000341084	-0,524432112
A_24_P56363	NM_030925	CAB39L	calcium binding protein 39-like	ENST00000378341	-0,524435649
A_33_P3251552	NM_001029871	RSPO4	R-spondin 4	ENST00000217260	-0,52448891
A_33_P3318661	NM_203394	E2F7	E2F transcription factor 7	ENST00000339887	-0,524576969
A_23_P76799	NM_013448	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	ENST00000360310	-0,52459836
A_23_P120594	NM_032501	ACSS1	acyl-CoA synthetase short-chain family member 1	ENST00000537502	-0,524626645
A_24_P204244	NR_001562	ANXA2P1	annexin A2 pseudogene 1		-0,52464688
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,524652152
A_33_P3287502	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000419559	-0,52465817
A_33_P3327847	NM_003901	SGPL1	sphingosine-1-phosphate lyase 1	ENST00000373202	-0,5248878
A_33_P3231297	NM_003851	CREG1	cellular repressor of E1A-stimulated genes 1	ENST00000370509	-0,524918688
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,524923413
A_21_P0012364	TCONS_I2_0001843	XLOC_I2_009613			-0,52494256
A_21_P0001573	GD150158	XLOC_000978			-0,525001869

A_33_P3276856	NM_001198542	HYDIN	hydrocephalus inducing homolog (mouse)	ENST00000393550	-0,525313619
A_21_P0011545	TCONS_I2_0001078	XLOC_I2_005793			-0,525409806
A_23_P105002	NM_000327	ROM1	retinal outer segment membrane protein 1	ENST00000278833	-0,525834207
A_21_P0006494	TCONS_00017159	XLOC_007967			-0,525929554
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,525936762
A_23_P120594	NM_032501	ACSS1	acyl-CoA synthetase short-chain family member 1	ENST00000537502	-0,525966281
A_33_P3379947	NM_005514	HLA-B	major histocompatibility complex, class I, B	ENST00000546599	-0,525988666
A_33_P3375859	NR_002712	CXCR2P1	chemokine (C-X-C motif) receptor 2 pseudogene 1	ENST00000439871	-0,526026616
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,526094788
A_23_P74701	NM_152890	COL24A1	collagen, type XXIV, alpha 1	ENST00000370571	-0,526213892
A_23_P11800	NM_018584	CAMK2N1	calcium/calmodulin-dependent protein kinase II inhibitor 1	ENST00000375078	-0,526218557
A_23_P43157	NM_001080416	MYBL1	v-myb myeloblastosis viral oncogene homolog (avian)-like 1	ENST00000522677	-0,526256885
A_23_P8571	NM_080744	SRCRB4D	scavenger receptor cysteine rich domain containing, group	ENST00000275560	-0,526258452
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,526290346
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,526333753
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,52637748
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,526407529
A_23_P427703	NR_001447	MT1L	metallothionein 1L (gene/pseudogene)		-0,526423324
A_33_P3292264	ENST00000360254	DISP1	dispatched homolog 1 (Drosophila)	ENST00000360254	-0,526632052
A_23_P145895	NR_015381	TP53TG1	TP53 target 1 (non-protein coding)		-0,526683714
A_33_P3293082	NR_040117	LOC392364	chromosome 15 open reading frame 2 pseudogene	ENST00000399186	-0,526719932
A_23_P164405	NM_033184	KRTAP2-4	keratin associated protein 2-4	ENST00000394015	-0,526783764
A_33_P3256810	NM_004617	TM4SF4	transmembrane 4 L six family member 4	ENST00000463068	-0,526786071
A_33_P3419865	XR_112726	LOC646719	uncharacterized LOC646719		-0,527031754
A_21_P0013202	TCONS_I2_0002590	XLOC_I2_013425			-0,527121492
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,527179616
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 1	ENST00000545925	-0,527215005
A_21_P0006498	THC2714876	XLOC_007992			-0,52725179
A_21_P0014771	XR_113070	LOC100509105	uncharacterized LOC100509105		-0,527276099

A_24_P399942	NM_173694	ATP11C	ATPase, class VI, type 11C	ENST00000450801	-0,527590165
A_21_P0010039	THC2657240	XLOC_013743			-0,527596284
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975	-0,527677161
A_23_P33723	NM_004244	CD163	CD163 molecule	ENST00000396620	-0,527752541
A_24_P49517	NM_138367	ZNF251	zinc finger protein 251	ENST00000292562	-0,527791676
A_21_P0006876	TCONS_00018215	XLOC_008495			-0,527805251
A_21_P0000618	NR_033965	FLJ33065	uncharacterized LOC440952		-0,527815027
A_21_P0012748	ENST00000515282	XLOC_I2_010855		ENST00000515282	-0,527833059
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,527989046
A_23_P374844	NM_015973	GAL	galanin prepropeptide	ENST00000265643	-0,528046563
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,528099783
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,528112004
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000351004	-0,528353352
A_32_P111306	NR_027072	LINC00189	long intergenic non-protein coding RNA 189	ENST00000431661	-0,528597132
A_24_P228717	NM_002872	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, smal	ENST00000441619	-0,528629821
A_21_P0012947	ENST00000513175	XLOC_I2_011692		ENST00000513175	-0,528841235
A_23_P105002	NM_000327	ROM1	retinal outer segment membrane protein 1	ENST00000278833	-0,528844717
A_32_P356316	NM_002119	HLA-DOA	major histocompatibility complex, class II, DO alpha	ENST00000229829	-0,528853827
A_23_P168909	NM_012082	ZFPM2	zinc finger protein, multitype 2	ENST00000407775	-0,528892937
A_33_P3382924	NM_003118	SPARC	secreted protein, acidic, cysteine-rich (osteonectin)	ENST00000231061	-0,528912386
A_21_P0010542	ENST00000451023	XLOC_I2_000342		ENST00000451023	-0,528989875
A_33_P3373358	NM_005497	GJC1	gap junction protein, gamma 1, 45kDa	ENST00000330514	-0,529297237
A_24_P91852	NM_006520	DYNLT3	dynein, light chain, Tctex-type 3	ENST00000378578	-0,529495313
A_21_P0011779	AK090827	LOC100506930	uncharacterized LOC100506930	ENST00000427868	-0,52949564
A_24_P307854	NM_024963	FBXL18	F-box and leucine-rich repeat protein 18	ENST00000297035	-0,529565457
A_21_P0013858	ENST00000449645	TMLHE	trimethyllysine hydroxylase, epsilon	ENST00000449645	-0,529583132
A_23_P11070	NM_032553	GPR174	G protein-coupled receptor 174	ENST00000276077	-0,52967924
A_23_P389102	NM_015194	MYO1D	myosin ID	ENST00000318217	-0,529700512
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,529748175

A_33_P3341224	NM_001170464	CDK17	cyclin-dependent kinase 17	ENST00000261211	-0,529820622
A_23_P336554	NM_134470	IL1RAP	interleukin 1 receptor accessory protein	ENST00000422485	-0,529842754
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,529849789
A_24_P54390	NM_170672	RASGRP3	RAS guanyl releasing protein 3 (calcium and DAG-regulated)	ENST00000407811	-0,529851196
A_23_P70387	NM_006789	APOBEC2	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000244669	-0,529883803
A_23_P374082	NM_033274	ADAM19	ADAM metallopeptidase domain 19	ENST00000257527	-0,530086481
A_19_P00803675	XM_003403780	ZDHHC11B			-0,530103676
A_23_P148473	NM_000206	IL2RG	interleukin 2 receptor, gamma	ENST00000456850	-0,530119466
A_24_P149902	NM_016169	SUFU	suppressor of fused homolog (Drosophila)	ENST00000471000	-0,530433112
A_21_P0006580	THC2547329	XLOC_008152			-0,530479464
A_33_P3318122	NM_020314	C16orf62	chromosome 16 open reading frame 62	ENST00000251143	-0,530501798
A_23_P399864	NM_001145346	RBMXL3	RNA binding motif protein, X-linked-like 3	ENST00000424776	-0,530504164
A_23_P133133	NM_025144	ALPK1	alpha-kinase 1	ENST00000505127	-0,530612218
A_21_P0002252	TCONS_00004838	XLOC_001558			-0,530790234
A_33_P3243449	NM_001252	CD70	CD70 molecule	ENST00000245903	-0,530829425
A_23_P218626	NM_080741	NEU4	sialidase 4	ENST00000472793	-0,530939421
A_19_P00322856	NM_001145191	FAM200B		ENST00000502502	-0,530951566
A_24_P214598	NM_152542	PPM1K	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1K	ENST00000506423	-0,531189695
A_24_P321511	NM_016072	GOLT1B	golgi transport 1B	ENST00000229314	-0,531335559
A_33_P3318530	NR_015364	LOC441204	uncharacterized LOC441204		-0,531350486
A_33_P3295358	NM_139314	ANGPTL4	angiopoietin-like 4	ENST00000301455	-0,531465336
A_23_P259611	NM_016616	TXNDC3	thioredoxin domain containing 3 (spermatozoa)	ENST00000476435	-0,531517232
A_21_P0001233	ENST00000433058	XLOC_001230		ENST00000433058	-0,531529854
A_21_P0009336	TCONS_00025700	XLOC_012528			-0,53153999
A_24_P942112	AK001678	POLR1B	polymerase (RNA) I polypeptide B, 128kDa		-0,53155356
A_23_P121825	NM_024941	C5orf44	chromosome 5 open reading frame 44	ENST00000545191	-0,531609366
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,531655543
A_23_P207003	NM_004574	Sep-04	septin 4	ENST00000317268	-0,531668116
A_23_P105002	NM_000327	ROM1	retinal outer segment membrane protein 1	ENST00000278833	-0,531992384

A_33_P3392892	NM_017886	ULK4	unc-51-like kinase 4 (C. elegans)	ENST00000301831	-0,532002809
A_23_P34375	NM_003196	TCEA3	transcription elongation factor A (SII), 3	ENST00000450454	-0,532024051
A_32_P234145	NM_203349	SHC4	SHC (Src homology 2 domain containing) family, member 4	ENST00000396535	-0,532039944
A_24_P64126	NM_003909	CPNE3	copine III	ENST00000517490	-0,532144909
A_23_P20606	NM_015469	NIPSNAP3A	nipsnap homolog 3A (C. elegans)	ENST00000374767	-0,532163166
A_21_P0010962	TCONS_I2_0000434	XLOC_I2_002204			-0,532183309
A_21_P0008721	TCONS_00023628	XLOC_011428			-0,532187132
A_19_P00315529	AF088007	XLOC_008370			-0,532216332
A_33_P3236798	NM_080823	SRMS	src-related kinase lacking C-terminal regulatory tyrosine an	ENST00000217188	-0,532267884
A_23_P317683	NM_003274	TRAPPC10	trafficking protein particle complex 10	ENST00000291574	-0,532439751
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,532447998
A_21_P0012676	NR_026575	GK3P	glycerol kinase 3 pseudogene		-0,532454838
A_24_P943106	NM_001080415	U2SURP	U2 snRNP-associated SURP domain containing	ENST00000473835	-0,532542968
A_21_P0012626	BC032464	XLOC_I2_010897			-0,532563664
A_24_P82957	NM_018683	RNF114	ring finger protein 114	ENST00000244061	-0,532727119
A_23_P306867	NM_173199	NR4A3	nuclear receptor subfamily 4, group A, member 3	ENST00000338488	-0,532750208
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,532796277
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,532800615
A_33_P3375140	AK023946	MCPH1	microcephalin 1		-0,532955694
A_33_P3336780	NM_007188	ABCB8	ATP-binding cassette, sub-family B (MDR/TAP), member 8	ENST00000358849	-0,532965845
A_19_P00322310	NR_038303	LOC100505702	uncharacterized LOC100505702		-0,532990224
A_23_P104025	NM_052965	TSEN15	tRNA splicing endonuclease 15 homolog (S. cerevisiae)	ENST00000462677	-0,533024618
A_24_P352952	NM_017565	FAM20A	family with sequence similarity 20, member A	ENST00000375556	-0,533041987
A_23_P162766	NM_015296	DOCK9	dedicator of cytokinesis 9	ENST00000428223	-0,533076088
A_23_P358944	NM_033244	PML	promyelocytic leukemia	ENST00000435786	-0,533111968
A_33_P3239954	NM_005151	USP14	ubiquitin specific peptidase 14 (tRNA-guanine transglycosyl)	ENST00000261601	-0,533160885
A_33_P3213596	NM_015028	TNIK	TRAF2 and NCK interacting kinase	ENST00000284483	-0,533246395
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,533399655
A_19_P00804215	NM_001145710	LOC375190	UPF0638 protein B	ENST00000420135	-0,533526625

A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,53364608
A_23_P201979	NM_183013	CREM	cAMP responsive element modulator	ENST00000460270	-0,53372315
A_33_P3378659	NM_001003799	TARP	TCR gamma alternate reading frame protein	ENST00000443402	-0,533825607
A_33_P3314176	NM_017709	FAM46C	family with sequence similarity 46, member C	ENST00000369448	-0,53389041
A_21_P0007155	ENST00000415809	XLOC_009363		ENST00000415809	-0,534084075
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,53411203
A_23_P7636	NM_004219	PTTG1	pituitary tumor-transforming 1	ENST00000520452	-0,534117023
A_33_P3348782	NM_030622	CYP2S1	cytochrome P450, family 2, subfamily S, polypeptide 1	ENST00000301173	-0,53428337
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000351004	-0,534594241
A_23_P52031	NM_002633	PGM1	phosphoglucomutase 1	ENST00000538673	-0,534607106
A_21_P0012673	NM_015160	PMPCA	peptidase (mitochondrial processing) alpha	ENST00000444897	-0,5346113
A_23_P76799	NM_013448	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	ENST00000360310	-0,534681781
A_21_P0000573	NR_028595	CCDC162P	coiled-coil domain containing 162, pseudogene	ENST00000422819	-0,534741949
A_33_P3369964	NR_024612	ATXN1L	ataxin 1-like		-0,534821079
A_19_P00318461	ENST00000366424	XLOC_001942		ENST00000366424	-0,534888952
A_23_P21473	NM_024491	CEP70	centrosomal protein 70kDa	ENST00000484888	-0,534892199
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase 2	ENST00000248975	-0,534908522
A_19_P00320841	NM_001113434	C17orf51	chromosome 17 open reading frame 51	ENST00000391411	-0,5349719
A_33_P3236881	NM_001204088	C1orf151-NBL1	C1orf151-NBL1 readthrough	ENST00000375136	-0,534972092
A_21_P0010421	TCONS_00029614	XLOC_014268			-0,535294489
A_23_P105535	NM_172240	POC1B	POC1 centriolar protein homolog B (Chlamydomonas)	ENST00000378528	-0,535316768
A_21_P0009159	ENST00000436469	XLOC_012116		ENST00000436469	-0,535337446
A_23_P116091	NM_130443	DPP3	dipeptidyl-peptidase 3	ENST00000543807	-0,535372396
A_23_P98350	NM_001165	BIRC3	baculoviral IAP repeat containing 3	ENST00000263464	-0,535448895
A_23_P135271	NM_001497	B4GALT1	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polype	ENST00000379731	-0,535643416
A_33_P3234571	NM_145109	MAP2K3	mitogen-activated protein kinase kinase 3	ENST00000463192	-0,535682168
A_33_P3367889	AK126078	LOC100130657	uncharacterized LOC100130657		-0,535780039
A_33_P3397995	NM_001130699	IPCEF1	interaction protein for cytohesin exchange factors 1	ENST00000367220	-0,535818116
A_33_P3241591	AK094219	LOC100131864	uncharacterized LOC100131864		-0,535965428

A_23_P76799	NM_013448	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	ENST00000360310	-0,536005103
A_23_P139912	NM_002178	IGFBP6	insulin-like growth factor binding protein 6	ENST00000548176	-0,536054698
A_33_P3343210	NM_016612	SLC25A37	solute carrier family 25, member 37	ENST00000519973	-0,536087113
A_32_P54274	NM_000798	DRD5	dopamine receptor D5	ENST00000304374	-0,536263423
A_24_P211565	NM_031910	C1QTNF6	C1q and tumor necrosis factor related protein 6	ENST00000493023	-0,536396768
A_33_P3385785	NM_005621	S100A12	S100 calcium binding protein A12	ENST00000368736	-0,536492625
A_23_P200096	NM_025106	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1	ENST00000377399	-0,536499289
A_23_P102117	NM_025216	WNT10A	wingless-type MMTV integration site family, member 10A	ENST00000258411	-0,536537781
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,536657936
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,536671081
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,536683135
A_33_P3569068	NM_003550	MAD1L1	MAD1 mitotic arrest deficient-like 1 (yeast)	ENST00000265854	-0,536738687
A_33_P3415211	NM_002437	MPV17	MpV17 mitochondrial inner membrane protein	ENST00000426513	-0,536743504
A_33_P3248265	NM_002341	LTB	lymphotoxin beta (TNF superfamily, member 3)	ENST00000376117	-0,536788857
A_33_P3418209	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)	ENST00000376162	-0,536798568
A_33_P3235546	NM_014747	RIMS3	regulating synaptic membrane exocytosis 3	ENST00000372683	-0,536924506
A_23_P46017	NM_001008661	CCBL2	cysteine conjugate-beta lyase 2	ENST00000370485	-0,536957126
A_21_P0007549	TCONS_00020398	XLOC_009727			-0,537004695
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,537044625
A_33_P3332018	NM_006682	FGL2	fibrinogen-like 2	ENST00000248598	-0,537062085
A_23_P108751	NM_001039492	FHL2	four and a half LIM domains 2	ENST00000358129	-0,537069503
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,537077056
A_21_P0014183	XR_108739	LOC100505921	uncharacterized LOC100505921	ENST00000451066	-0,537122955
A_23_P345081	NM_001083956	ZNF655	zinc finger protein 655	ENST00000424881	-0,5372081
A_23_P157875	NM_002003	FCN1	ficolin (collagen/fibrinogen domain containing) 1	ENST00000308299	-0,53737267
A_21_P0014458	XR_109925	LOC100506262	uncharacterized LOC100506262		-0,537396148
A_33_P3486059	AV653872	C1orf195	chromosome 1 open reading frame 195		-0,537405061
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,537457943
A_24_P261259	NM_004566	PFKFB3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	ENST00000379784	-0,537482365

A_24_P32085	NM_024761	MOB3B	MOB kinase activator 3B	ENST00000262244	-0,537771701
A_33_P3372004	NM_005849	IGSF6	immunoglobulin superfamily, member 6	ENST00000268389	-0,538004042
A_23_P258393	NM_144641	PPM1M	protein phosphatase, Mg2+/Mn2+ dependent, 1M	ENST00000323588	-0,538016536
A_32_P74366	ENST00000310421	VCPIP1	valosin containing protein (p97)/p47 complex interacting pr	ENST00000310421	-0,538057907
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,538069408
A_33_P3240512	NM_138444	KCTD12	potassium channel tetramerisation domain containing 12	ENST00000377474	-0,538172692
A_33_P3447441	AL713660	LOC202025	uncharacterized LOC202025		-0,538224408
A_33_P3221313	NM_006733	CENPI	centromere protein I	ENST00000423383	-0,53833469
A_33_P3413989	NM_000062	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	ENST00000405496	-0,538404714
A_24_P49447	NM_020829	KIAA1432	KIAA1432	ENST00000418622	-0,538498708
A_23_P138776	NM_001610	ACP2	acid phosphatase 2, lysosomal	ENST00000525230	-0,538531492
A_23_P39840	NM_006634	VAMP5	vesicle-associated membrane protein 5 (myobrevin)	ENST00000306384	-0,538610643
A_24_P928510	NM_053055	THEM4	thioesterase superfamily member 4	ENST00000368814	-0,538699597
A_33_P3307903	NM_005192	CDKN3	cyclin-dependent kinase inhibitor 3	ENST00000216414	-0,538744242
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,53877366
A_21_P0012539	ENST00000436687	XLOC_I2_010226		ENST00000436687	-0,538885982
A_23_P145529	NM_181795	PKIB	protein kinase (cAMP-dependent, catalytic) inhibitor beta	ENST00000368446	-0,539141146
A_23_P166280	ENST00000407780	ICOSLG	inducible T-cell co-stimulator ligand	ENST00000407780	-0,539166152
A_21_P0013470	NR_027425	FAM66D	family with sequence similarity 66, member D	ENST00000434078	-0,539263578
A_21_P0010298	TCONS_00029173	XLOC_014112			-0,539305692
A_24_P658584	NM_015278	SASH1	SAM and SH3 domain containing 1	ENST00000367467	-0,539325592
A_23_P433369	NM_015473	HEATR5A	HEAT repeat containing 5A	ENST00000389961	-0,539367162
A_21_P0000827	NR_038894	LOC100506428	uncharacterized LOC100506428		-0,539377425
A_33_P3242543	NM_000240	MAOA	monoamine oxidase A	ENST00000338702	-0,539400818
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,539418748
A_23_P105535	NM_172240	POC1B	POC1 centriolar protein homolog B (Chlamydomonas)	ENST00000378528	-0,539728673
A_33_P3330264	NM_001511	CXCL1	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulat	ENST00000395761	-0,53977514
A_33_P3411145	NM_001145191	FAM200B	family with sequence similarity 200, member B	ENST00000504137	-0,539859389
A_21_P0013034	TCONS_I2_0002437(XLOC_I2_012678				-0,539866528

A_23_P105002	NM_000327	ROM1	retinal outer segment membrane protein 1	ENST00000278833	-0,539870425
A_32_P91042	NR_027406	LOC100129034	uncharacterized LOC100129034		-0,539981396
A_24_P342807	NM_017964	SLC30A6	solute carrier family 30 (zinc transporter), member 6	ENST00000435660	-0,540043283
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,540113399
A_21_P0014653	XR_110911	LOC100507521	uncharacterized LOC100507521	ENST00000524942	-0,540120827
A_33_P3409099	NM_000332	ATXN1	ataxin 1	ENST00000450222	-0,540134565
A_24_P349965	NM_007109	TCF19	transcription factor 19	ENST00000400401	-0,540180673
A_24_P386746	NM_031491	RBP5	retinol binding protein 5, cellular	ENST00000543045	-0,540195702
A_23_P410110	NM_001039380	C10orf25	chromosome 10 open reading frame 25	ENST00000298298	-0,540214927
A_24_P117323	NM_032775	KLHL22	kelch-like 22 (Drosophila)	ENST00000440659	-0,540232598
A_21_P0006788	XR_110454	LOC100505869	uncharacterized LOC100505869	ENST00000435434	-0,540309184
A_33_P3235213	NM_173799	TIGIT	T cell immunoreceptor with Ig and ITIM domains	ENST00000485814	-0,540335568
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,540347457
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,540400768
A_23_P155989	NM_022145	CENPK	centromere protein K	ENST00000242872	-0,54053055
A_23_P423237	NM_000231	SGCG	sarcoglycan, gamma (35kDa dystrophin-associated glycoprotein)	ENST00000537476	-0,540580952
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,540616716
A_24_P314571	AK075287	SPC24	SPC24, NDC80 kinetochore complex component, homolog (S. cerevisiae)		-0,540640666
A_33_P3273474	NM_001765	CD1C	CD1c molecule	ENST00000368169	-0,540674204
A_33_P3372332	NM_000101	CYBA	cytochrome b-245, alpha polypeptide	ENST00000261623	-0,540836145
A_33_P3213064	NM_005419	STAT2	signal transducer and activator of transcription 2, 113kDa	ENST00000556539	-0,540841145
A_21_P0004701	ENST00000448126	XLOC_005527		ENST00000448126	-0,541026214
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,541167553
A_23_P258612	NM_016529	ATP8A2	ATPase, aminophospholipid transporter, class I, type 8A, mitochondrial	ENST00000544544	-0,541173453
A_23_P55990	NM_003827	NAPA	N-ethylmaleimide-sensitive factor attachment protein, alpha	ENST00000263354	-0,541212484
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,541303332
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,541441903
A_24_P64039	NM_006803	AP3M2	adaptor-related protein complex 3, mu 2 subunit	ENST00000518421	-0,541459129
A_23_P70719	NM_000426	LAMA2	laminin, alpha 2	ENST00000443169	-0,541503693

A_23_P97402	NM_020439	CAMK1G	calcium/calmodulin-dependent protein kinase IG	ENST00000009105	-0,541564151
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,541570652
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,5416571
A_33_P3418394	NM_004707	ATG12	ATG12 autophagy related 12 homolog (S. cerevisiae)	ENST00000509910	-0,54165986
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,5416737
A_24_P916496	NM_002737	PRKCA	protein kinase C, alpha		-0,541751625
A_33_P3294911	AK095383	C12orf66	chromosome 12 open reading frame 66	ENST00000311915	-0,54185446
A_23_P407565	NM_001337	CX3CR1	chemokine (C-X3-C motif) receptor 1	ENST00000541347	-0,542065507
A_33_P3318509	NM_014358	CLEC4E	C-type lectin domain family 4, member E	ENST00000299663	-0,542151229
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,542194714
A_24_P237486	NM_004992	MECP2	methyl CpG binding protein 2 (Rett syndrome)	ENST00000545451	-0,542204541
A_33_P3376264	ENST00000378938	GK	glycerol kinase	ENST00000378938	-0,542221752
A_21_P0003772	TCONS_00008581	XLOC_004091			-0,542234882
A_33_P3217819	NM_057749	CCNE2	cyclin E2	ENST00000542725	-0,542379564
A_23_P165598	NM_001017920	DAPL1	death associated protein-like 1	ENST00000309950	-0,542420961
A_23_P76799	NM_013448	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	ENST00000360310	-0,542475763
A_23_P17844	NM_002854	PVALB	parvalbumin	ENST00000404171	-0,542524287
A_33_P3214550	NM_001557	CXCR2	chemokine (C-X-C motif) receptor 2	ENST00000318507	-0,542705189
A_24_P233786	NM_052966	FAM129A	family with sequence similarity 129, member A	ENST00000367511	-0,542728801
A_23_P26954	NM_006373	VAT1	vesicle amine transport protein 1 homolog (T. californica)	ENST00000542468	-0,542808008
A_23_P76102	NM_005811	GDF11	growth differentiation factor 11	ENST00000546799	-0,542836859
A_23_P203665	NM_018367	ACER3	alkaline ceramidase 3	ENST00000544113	-0,542925856
A_23_P19510	NM_001198858	HLA-DQB2	major histocompatibility complex, class II, DQ beta 2	ENST00000416131	-0,542934906
A_33_P3225091	NM_004756	NUMBL	numb homolog (Drosophila)-like	ENST00000252891	-0,54312694
A_33_P3356517	XR_132698	LOC100652764	uncharacterized LOC100652764	ENST00000435388	-0,543223259
A_33_P3319760	NM_003564	TAGLN2	transgelin 2	ENST00000397334	-0,543229066
A_33_P3340404	NM_144643	SCLT1	sodium channel and clathrin linker 1	ENST00000506233	-0,543333588
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,543490741
A_33_P3371588	NM_023934	FUNDC2	FUN14 domain containing 2	ENST00000369498	-0,543609596

A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,543712743
A_33_P3229678	XM_003119812	LOC100509378	uncharacterized LOC100509378		-0,543730787
A_23_P76799	NM_013448	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	ENST00000360310	-0,543775029
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000492183	-0,543924646
A_23_P365412	NM_181644	MFSD4	major facilitator superfamily domain containing 4	ENST00000367147	-0,543928909
A_19_P00320056	NR_024052	HCG18	HLA complex group 18 (non-protein coding)	ENST00000426671	-0,543978107
A_21_P0012964	ENST00000504512	XLOC_I2_011854		ENST00000504512	-0,544013006
A_24_P410797	AK125979	KALRN	kalirin, RhoGEF kinase	ENST00000393496	-0,544105731
A_24_P944144	NM_080797	DIDO1	death inducer-obliterator 1	ENST00000395335	-0,544148867
A_24_P295806	NM_023947	CHID1	chitinase domain containing 1	ENST00000528426	-0,544308065
A_23_P501985	NM_172249	CSF2RA	colony stimulating factor 2 receptor, alpha, low-affinity (gra	ENST00000419094	-0,544366787
A_23_P171107	NM_033031	CCNB3	cyclin B3	ENST00000376042	-0,544406482
A_23_P425752	NM_033219	TRIM14	tripartite motif containing 14	ENST00000342043	-0,544507586
A_23_P88731	NM_002875	RAD51	RAD51 homolog (S. cerevisiae)	ENST00000525066	-0,544620821
A_33_P3384988	NM_024055	SLC30A5	solute carrier family 30 (zinc transporter), member 5	ENST00000380860	-0,544638152
A_33_P3401093	NM_174899	FBXO36	F-box protein 36	ENST00000283946	-0,544648131
A_21_P0011264	ENST00000554945	XLOC_I2_004371		ENST00000554945	-0,544652834
A_23_P104741	NM_032531	KIRREL3	kin of IRRE like 3 (Drosophila)	ENST00000525144	-0,544697873
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-0,544701185
A_21_P0013579	AK311167	LOC100132352	FSHD region gene 1 pseudogene	ENST00000446984	-0,544730649
A_23_P76799	NM_013448	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	ENST00000360310	-0,544771954
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,544849481
A_21_P0009773	TCONS_00027385	XLOC_013370			-0,544871111
A_33_P3404014	NM_001013646	C20orf107	chromosome 20 open reading frame 107	ENST00000371325	-0,5450808
A_33_P3753757	AK095652	LOC158402	uncharacterized LOC158402		-0,545105269
A_23_P904	NM_024603	BEND5	BEN domain containing 5	ENST00000294347	-0,545128904
A_21_P0011331	NM_001897	CSPG4	chondroitin sulfate proteoglycan 4	ENST00000308508	-0,54513336
A_33_P3267844	NM_001004757	OR51Q1	olfactory receptor, family 51, subfamily Q, member 1	ENST00000300778	-0,545156707
A_33_P3409477	NM_032873	UBASH3B	ubiquitin associated and SH3 domain containing B	ENST00000284273	-0,545219133

A_33_P3326917	NM_001014440	ODF3B	outer dense fiber of sperm tails 3B	ENST00000329363	-0,545505582
A_21_P0013309	TCONS_I2_0002659	XLOC_I2_013848			-0,54565769
A_33_P3260445	ENST00000367088	DYNLT1	dynein, light chain, Tctex-type 1	ENST00000367088	-0,546000241
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,546138604
A_21_P0009466	DB516369	XLOC_012642			-0,546216547
A_23_P85453	NM_016382	CD244	CD244 molecule, natural killer cell receptor 2B4	ENST00000368034	-0,54638511
A_24_P328872	NM_012073	CCT5	chaperonin containing TCP1, subunit 5 (epsilon)	ENST00000280326	-0,546388965
A_19_P00320471	NR_015375	FLJ35024	uncharacterized LOC401491		-0,546412329
A_33_P3415097	NM_001830	CLCN4	chloride channel 4	ENST00000380833	-0,546451778
A_33_P3253807	NM_001806	CEBPG	CCAAT/enhancer binding protein (C/EBP), gamma	ENST00000284000	-0,546457146
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,546520775
A_23_P109785	NM_003889	NR1I2	nuclear receptor subfamily 1, group I, member 2	ENST00000493757	-0,546664471
A_21_P0002645	ENST00000431336	XLOC_001964		ENST00000431336	-0,546818208
A_21_P0000662	NR_036537	LOC100131320	uncharacterized LOC100131320	ENST00000412425	-0,546884411
A_33_P3258041	NM_001037277	GGPS1	geranylgeranyl diphosphate synthase 1	ENST00000358966	-0,547013071
A_23_P103775	NM_032270	LRRRC8C	leucine rich repeat containing 8 family, member C	ENST00000370454	-0,547118708
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,547122869
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,547167522
A_33_P3359027	NM_001144872	CCDC42B	coiled-coil domain containing 42B	ENST00000551256	-0,547220425
A_33_P3237135	NM_004530	MMP2	matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase,	ENST00000437642	-0,547392711
A_21_P0010193	ENST00000465390	XLOC_014036		ENST00000465390	-0,547476852
A_23_P103588	NM_005518	HMGCS2	3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial)	ENST00000544913	-0,547861292
A_23_P390518	NM_003839	TNFRSF11A	tumor necrosis factor receptor superfamily, member 11a, N	ENST00000382790	-0,547889954
A_21_P0005747	ENST00000523572	XLOC_006892		ENST00000523572	-0,548049645
A_32_P206839	NR_037631	LOC100288911	uncharacterized LOC100288911		-0,548095744
A_23_P121222	NM_020165	RAD18	RAD18 homolog (<i>S. cerevisiae</i>)	ENST00000264926	-0,548173199
A_33_P3354514	BC047507	SLC2A13	solute carrier family 2 (facilitated glucose transporter), mem	ENST00000380858	-0,548257504
A_23_P501435	NM_020536	CSRP2BP	CSRP2 binding protein	ENST00000278816	-0,548422945
A_33_P3236030	ENST00000509709	ARHGAP24	Rho GTPase activating protein 24	ENST00000509709	-0,548450822

A_23_P82523	NM_000927	ABCB1	ATP-binding cassette, sub-family B (MDR/TAP), member 1	ENST00000475929	-0,548876733
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,548935211
A_21_P0009339	TCONS_00025704	XLOC_012530			-0,548935759
A_23_P206293	NM_153837	GPR114	G protein-coupled receptor 114	ENST00000340339	-0,549008092
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,549008503
A_33_P3403075	NM_018304	PRR11	proline rich 11	ENST00000262293	-0,549225847
A_32_P342064	NM_002032	FTH1	ferritin, heavy polypeptide 1	ENST00000534180	-0,54931398
A_23_P169003	NM_022071	SH2D4A	SH2 domain containing 4A	ENST00000519207	-0,549392525
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,549486085
A_32_P170444	NM_006713	SUB1	SUB1 homolog (S. cerevisiae)	ENST00000265073	-0,549517616
A_21_P0005781	TCONS_00014898	XLOC_006971			-0,549624545
A_23_P11800	NM_018584	CAMK2N1	calcium/calmodulin-dependent protein kinase II inhibitor 1	ENST00000375078	-0,549677551
A_24_P263653	NM_004946	DOCK2	dedicator of cytokinesis 2	ENST00000343291	-0,549678954
A_21_P0011985	TCONS_I2_0001506	XLOC_I2_008405			-0,549754453
A_24_P220454	NM_181552	CUX1	cut-like homeobox 1	ENST00000360264	-0,549787947
A_23_P382045	NM_020245	TULP4	tubby like protein 4	ENST00000367097	-0,549813232
A_33_P3243907	NM_001909	CTSD	cathepsin D	ENST00000433655	-0,550051892
A_23_P147431	NM_002350	LYN	v-src tyrosine kinase	ENST00000519728	-0,550070702
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,550109521
A_23_P14165	NM_005292	GPR18	G protein-coupled receptor 18	ENST00000340807	-0,550187272
A_33_P3285639	NM_025244	TSGA10	testis specific, 10	ENST00000393482	-0,55028027
A_33_P3368334	ENST00000368186	FCRL3	Fc receptor-like 3	ENST00000368186	-0,550280914
A_24_P597190	NR_027503	LOC100133050	glucuronidase, beta pseudogene		-0,550449784
A_24_P156501	NM_024007	EBF1	early B-cell factor 1	ENST00000522192	-0,550534767
A_32_P47754	ENST00000431042	SLC2A14	solute carrier family 2 (facilitated glucose transporter), member 14	ENST00000431042	-0,550544394
A_33_P3310989	NM_014847	UBAP2L	ubiquitin associated protein 2-like	ENST00000433006	-0,550609201
A_23_P420256	NM_021925	C2orf43	chromosome 2 open reading frame 43	ENST00000237822	-0,550634405
A_24_P636882	NM_004226	STK17B	serine/threonine kinase 17b	ENST00000263955	-0,550976363
A_33_P3312985	XR_109694	C22orf37	chromosome 22 open reading frame 37		-0,550998986

A_21_P0008363	TCONS_00022575	XLOC_010891				-0,55108234
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase	ENST00000248975		-0,551197689
A_23_P54929	NM_020424	LYRM1	LYR motif containing 1	ENST00000219168		-0,551253591
A_23_P216655	NM_014788	TRIM14	tripartite motif containing 14	ENST00000341469		-0,551266741
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596		-0,55135242
A_33_P3380457	NM_022049	GPR88	G protein-coupled receptor 88	ENST00000315033		-0,551359131
A_24_P944991	NM_173829	SREK1IP1	SREK1-interacting protein 1	ENST00000513458		-0,55154066
A_33_P3332302	NR_027025	MTVR2	mouse mammary tumor virus receptor homolog 2			-0,551887642
A_23_P18078	NM_002888	RARRES1	retinoic acid receptor responder (tazarotene induced) 1	ENST00000498640		-0,551983723
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599		-0,551997252
A_21_P0010697	NR_023918	LINC00339	long intergenic non-protein coding RNA 339			-0,552032856
A_23_P105535	NM_172240	POC1B	POC1 centriolar protein homolog B (Chlamydomonas)	ENST00000378528		-0,552239785
A_33_P3274501	NM_016523	KLRF1	killer cell lectin-like receptor subfamily F, member 1	ENST00000545196		-0,552290594
A_23_P30666	NM_014452	TNFRSF21	tumor necrosis factor receptor superfamily, member 21	ENST00000419206		-0,552625968
A_24_P183150	NM_002090	CXCL3	chemokine (C-X-C motif) ligand 3	ENST00000296026		-0,552842812
A_23_P99292	NM_006479	RAD51AP1	RAD51 associated protein 1	ENST00000535558		-0,55287732
A_23_P361544	NM_173815	CES4A	carboxylesterase 4A	ENST00000544478		-0,553001201
A_24_P341187	NM_020944	GBA2	glucosidase, beta (bile acid) 2	ENST00000488292		-0,553085149
A_24_P20032	NM_000449	RFX5	regulatory factor X, 5 (influences HLA class II expression)	ENST00000290524		-0,553124887
A_24_P387609	NM_030940	ISCA1	iron-sulfur cluster assembly 1 homolog (S. cerevisiae)	ENST00000375991		-0,553179524
A_19_P00320343	ENST00000523946	XLOC_007052	0	ENST00000523946		-0,553188162
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802		-0,553270775
A_33_P3233906	NM_005855	RAMP1	receptor (G protein-coupled) activity modifying protein 1	ENST00000254661		-0,553314767
A_33_P3267186	NM_001682	ATP2B1	ATPase, Ca ⁺⁺ transporting, plasma membrane 1	ENST00000428670		-0,553353225
A_24_P216421	NM_033148	DTNB	dystrobrevin, beta	ENST00000535791		-0,553355649
A_23_P72077	NM_001559	IL12RB2	interleukin 12 receptor, beta 2	ENST00000262345		-0,55361713
A_21_P0014777	XR_132554	LOC100652850	uncharacterized LOC100652850			-0,553641948
A_32_P41026	NM_001024956	SC5DL	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, S. cerevisiae)-like			-0,553791138
A_21_P0011709	TCONS_I2_0001268	XLOC_I2_006812				-0,553969077

A_23_P24616	NM_170601	SIAE	sialic acid acetyltransferase	ENST00000545756	-0,554110603
A_21_P0001336	ENST00000479252	LRRC8C	leucine rich repeat containing 8 family, member C	ENST00000479252	-0,554111846
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,554179891
A_23_P209735	NM_025139	ARMC9	armadillo repeat containing 9	ENST00000349938	-0,554484352
A_24_P82106	NM_004995	MMP14	matrix metalloproteinase 14 (membrane-inserted)	ENST00000311852	-0,554532692
A_23_P145096	NM_005084	PLA2G7	phospholipase A2, group VII (platelet-activating factor acetyltransferase)	ENST00000537365	-0,554549241
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,554595613
A_33_P3405424	NM_172374	IL4I1	interleukin 4 induced 1	ENST00000341114	-0,5546694
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,554839667
A_23_P58266	NM_005980	S100P	S100 calcium binding protein P	ENST00000296370	-0,555044098
A_33_P3277913	ENST00000392193	MAP2	microtubule-associated protein 2	ENST00000392193	-0,555083908
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,555150708
A_23_P206806	NM_002209	ITGAL	integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1)	ENST00000356798	-0,555152116
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,5554207
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,555523462
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,555630408
A_24_P293530	NM_178033	CYP4X1	cytochrome P450, family 4, subfamily X, polypeptide 1	ENST00000538609	-0,555645572
A_23_P107421	NM_003258	TK1	thymidine kinase 1, soluble	ENST00000405273	-0,555666244
A_23_P85693	NM_004120	GBP2	guanylate binding protein 2, interferon-inducible	ENST00000463660	-0,555744914
A_33_P3350703	NM_019891	ERO1LB	ERO1-like beta (<i>S. cerevisiae</i>)	ENST00000354619	-0,555783554
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,555840135
A_23_P210176	NM_000210	ITGA6	integrin, alpha 6	ENST00000264107	-0,555840708
A_23_P337155	NM_001082968	TOM1L2	target of myb1-like 2 (chicken)	ENST00000395739	-0,555845231
A_23_P128215	NM_003877	SOCS2	suppressor of cytokine signaling 2	ENST00000549206	-0,55589997
A_24_P271696	NM_001097592	XAGE1A	X antigen family, member 1A	ENST00000518075	-0,555942097
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,555955514
A_23_P342108	NM_152612	CCDC116	coiled-coil domain containing 116	ENST00000292779	-0,556047165
A_21_P0001680	TCONS_00002039	XLOC_000208			-0,556052096
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,556238126

A_23_P32404	NM_002201	ISG20	interferon stimulated exonuclease gene 20kDa	ENST00000546338	-0,556242492
A_33_P3419113	NM_001002758	PRY2	PTPN13-like, Y-linked 2	ENST00000341740	-0,556272757
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,556306297
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,55651641
A_23_P361405	NM_003549	HYAL3	hyaluronoglucosaminidase 3	ENST00000336307	-0,556705332
A_23_P79622	NM_181342	FKBP7	FK506 binding protein 7	ENST00000434643	-0,556725337
A_33_P3307049	AK128478	LOC100129363	uncharacterized LOC100129363		-0,556795339
A_21_P0010473	BC040576	XLOC_014323		ENST00000422876	-0,556796709
A_32_P186027	NM_006305	ANP32A	acidic (leucine-rich) nuclear phosphoprotein 32 family, men	ENST00000409628	-0,556997129
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,557025575
A_21_P0007135	ENST00000438878	CDCA5	cell division cycle associated 5	ENST00000438878	-0,557066952
A_21_P0006881	TCONS_00018230	XLOC_008510			-0,55712567
A_24_P294703	NM_130809	PRRC1	proline-rich coiled-coil 1	ENST00000512635	-0,557136095
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,557276181
A_24_P82630	NM_015295	SMCHD1	structural maintenance of chromosomes flexible hinge dom	ENST00000320876	-0,557628099
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,557669962
A_24_P403417	NM_004878	PTGES	prostaglandin E synthase	ENST00000481476	-0,557684148
A_23_P138725	NM_031484	MARVELD1	MARVEL domain containing 1	ENST00000285605	-0,557820108
A_33_P3306264	NM_014400	LYPD3	LY6/PLAUR domain containing 3	ENST00000377995	-0,557861938
A_23_P328740	NR_026875	NEURL3	neuralized homolog 3 (Drosophila) pseudogene	ENST00000310865	-0,557921729
A_24_P911094	ENST00000376439	RABL2A	RAB, member of RAS oncogene family-like 2A	ENST00000376439	-0,557936132
A_19_P00809886	THC2537311	Q16594			-0,55797094
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,558118036
A_21_P0004437	THC2720758	XLOC_004982			-0,558309914
A_23_P19352	NM_006586	CNPY3	canopy 3 homolog (zebrafish)	ENST00000394142	-0,558315936
A_23_P332399	NM_016315	GULP1	GULP, engulfment adaptor PTB domain containing 1	ENST00000409580	-0,558490445
A_24_P85775	NM_001039477	C1orf38	chromosome 1 open reading frame 38	ENST00000373927	-0,558603272
A_24_P235429	NM_005502	ABCA1	ATP-binding cassette, sub-family A (ABC1), member 1	ENST00000374736	-0,558605925
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,558671221

A_23_P19333	NM_018643	TREM1	triggering receptor expressed on myeloid cells 1	ENST00000244709	-0,558733473
A_24_P943815	NM_004650	PNPLA4	patatin-like phospholipase domain containing 4	ENST00000444736	-0,558825484
A_19_P00319578	THC2524841	XLOC_I2_010723			-0,558830347
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,558897824
A_23_P215048	NM_014702	KIAA0408	KIAA0408	ENST00000368281	-0,558932145
A_33_P3414207	XR_132689	LOC100652838	uncharacterized LOC100652838	ENST00000421483	-0,559134769
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,559156386
A_24_P941148	NM_017645	HAUS6	HAUS augmin-like complex, subunit 6	ENST00000380502	-0,559156398
A_32_P119197	NM_001043352	TPM3	tropomyosin 3	ENST00000368533	-0,559185779
A_33_P3344399	NM_001199017	LRRC49	leucine rich repeat containing 49	ENST00000436542	-0,55928392
A_23_P217917	NM_147148	GSTM4	glutathione S-transferase mu 4	ENST00000493171	-0,559301108
A_23_P210425	NM_181526	MYL9	myosin, light chain 9, regulatory	ENST00000279022	-0,559306583
A_33_P3404601	NM_001178063	C2	complement component 2	ENST00000460487	-0,559358292
A_21_P0010853	TCONS_I2_0000337	XLOC_I2_001841			-0,559541256
A_23_P346006	NM_020739	CCPG1	cell cycle progression 1	ENST00000425574	-0,559622454
A_23_P3221	NM_021199	SQRDL	sulfide quinone reductase-like (yeast)	ENST00000260324	-0,559687776
A_23_P160720	NM_018664	BATF3	basic leucine zipper transcription factor, ATF-like 3	ENST00000478275	-0,559745182
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,559939749
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,559942403
A_23_P305140	NM_144591	C10orf32	chromosome 10 open reading frame 32	ENST00000369883	-0,560031031
A_33_P3411628	NM_000077	CDKN2A	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhib	ENST00000380150	-0,560074243
A_33_P3366336	NM_001024401	SBK1	SH3-binding domain kinase 1	ENST00000341901	-0,56010876
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,560167687
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,56018498
A_23_P97632	NM_004446	EPRS	glutamyl-prolyl-tRNA synthetase	ENST00000468487	-0,560196069
A_23_P101392	NM_024074	TMEM38A	transmembrane protein 38A	ENST00000187762	-0,560275427
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,560427719
A_19_P00322152	ENST00000423530	XLOC_I2_008434		ENST00000423530	-0,56046213
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,560476073

A_23_P117662	NM_002112	HDC	histidine decarboxylase	ENST00000267845	-0,560483821
A_23_P94030	NM_002291	LAMB1	laminin, beta 1	ENST00000222399	-0,560899583
A_33_P3386965	NM_145167	PIGM	phosphatidylinositol glycan anchor biosynthesis, class M	ENST00000368090	-0,560905835
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,561020363
A_21_P0006100	THC2666038	XLOC_007820			-0,561087576
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,561121543
A_33_P3289536	NM_001199835	SNX10	sorting nexin 10	ENST00000446848	-0,561178222
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,561181518
A_21_P0013836	BX111592	XLOC_l2_015849			-0,561211595
A_23_P59637	NM_014705	DOCK4	dedicator of cytokinesis 4	ENST00000352877	-0,561350137
A_33_P3219090	NM_005542	INSIG1	insulin induced gene 1	ENST00000344756	-0,561599004
A_23_P30050	NM_006345	SLC30A9	solute carrier family 30 (zinc transporter), member 9	ENST00000264451	-0,561680344
A_24_P287043	NM_006435	IFITM2	interferon induced transmembrane protein 2 (1-8D)	ENST00000527146	-0,561805986
A_24_P413126	NM_020182	PMEP1	prostate transmembrane protein, androgen induced 1	ENST00000265626	-0,562027137
A_23_P23266	ENST00000367808	BLZF1	basic leucine zipper nuclear factor 1	ENST00000367808	-0,562170458
A_21_P0012147	NR_038337	LOC100505783	uncharacterized LOC100505783		-0,562179693
A_23_P163481	NM_001211	BUB1B	budding uninhibited by benzimidazoles 1 homolog beta (ye:ENST00000412359	ENST00000412359	-0,562233415
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,562367278
A_23_P215997	NM_000498	CYP11B2	cytochrome P450, family 11, subfamily B, polypeptide 2	ENST00000323110	-0,562637439
A_23_P36939	NM_012345	NUFIP1	nuclear fragile X mental retardation protein interacting prot	ENST00000379161	-0,562674167
A_23_P133770	NM_138493	CCDC167	coiled-coil domain containing 167	ENST00000373408	-0,562823126
A_33_P3276678	NM_199425	VSX1	visual system homeobox 1	ENST00000376707	-0,562842015
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,562879578
A_23_P31725	NM_001715	BLK	B lymphoid tyrosine kinase	ENST00000427279	-0,562890779
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,562955182
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,563073713
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,563125611
A_33_P3891747	AK095403	LOC284072	uncharacterized LOC284072		-0,563172044
A_24_P115007	NM_170740	ALDH5A1	aldehyde dehydrogenase 5 family, member A1	ENST00000357578	-0,56332948

A_24_P280113	NM_001560	IL13RA1	interleukin 13 receptor, alpha 1	ENST00000371666	-0,56340517
A_24_P44462	NM_000366	TPM1	tropomyosin 1 (alpha)	ENST00000317516	-0,563421105
A_23_P200838	NM_003679	KMO	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)	ENST00000366559	-0,563471263
A_21_P0005170	TCONS_00012744	XLOC_005744			-0,563506503
A_21_P0012451	NM_000313	PROS1	protein S (alpha)	ENST00000394236	-0,563564927
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,563924787
A_21_P0012656	TCONS_I2_0002105	XLOC_I2_011043			-0,564002449
A_21_P0003206	TCONS_00006753	XLOC_003384			-0,564040889
A_21_P0006902	AK023036	LINC00263	long intergenic non-protein coding RNA 263		-0,564105463
A_33_P3341474	NM_001080412	ZBTB38	zinc finger and BTB domain containing 38	ENST00000514251	-0,564116457
A_21_P0013982	XM_003119160	LOC100506571	uncharacterized protein LOC100506571		-0,564172146
A_32_P347617	NM_181773	APOBEC3H	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000348946	-0,564207002
A_21_P0010670	ENST00000446962	XLOC_I2_001302		ENST00000446962	-0,564225586
A_33_P3221293	NM_004403	DFNA5	deafness, autosomal dominant 5	ENST00000409775	-0,564256937
A_23_P333218	NM_001031711	ERGIC1	endoplasmic reticulum-golgi intermediate compartment (ER)	ENST00000523215	-0,564322102
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,564390719
A_23_P122144	NM_152404	UGT3A1	UDP glycosyltransferase 3 family, polypeptide A1	ENST00000515801	-0,564431549
A_21_P0014715	XR_112556	LOC100505668	uncharacterized LOC100505668	ENST00000462559	-0,564532041
A_33_P3369029	NR_033579	LOC440297	chondroitin sulfate proteoglycan 4 pseudogene	ENST00000456932	-0,564587107
A_21_P0012101	ENST00000432711	XLOC_I2_008396		ENST00000432711	-0,564640966
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,564705984
A_19_P00320101	NR_024344	LOC283174	uncharacterized LOC283174		-0,564740169
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase	ENST00000248975	-0,564782258
A_23_P2083	NM_020646	ASCL3	achaete-scute complex homolog 3 (Drosophila)	ENST00000531618	-0,564937701
A_21_P0010244	TCONS_00029017	XLOC_013940			-0,564973563
A_24_P407930	NM_031216	SEH1L	SEH1-like (S. cerevisiae)	ENST00000262124	-0,565013929
A_23_P318616	NM_001039029	LRTM2	leucine-rich repeats and transmembrane domains 2	ENST00000543818	-0,565067042
A_21_P0013727	BC065763	XLOC_I2_015202			-0,565147903
A_21_P0002719	ENST00000435560	XLOC_003337		ENST00000435560	-0,565206443

A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,565416539
A_23_P60499	NM_021224	ZNF462	zinc finger protein 462	ENST00000457913	-0,565437067
A_23_P98565	NM_032597	MS4A14	membrane-spanning 4-domains, subfamily A, member 14	ENST00000525397	-0,565546828
A_23_P372848	NM_002558	P2RX1	purinergic receptor P2X, ligand-gated ion channel, 1	ENST00000225538	-0,565662118
A_32_P206698	NM_001826	CKS1B	CDC28 protein kinase regulatory subunit 1B	ENST00000308987	-0,565702487
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase-associated	ENST00000248975	-0,566018754
A_33_P3354569	NM_001083112	GPD2	glycerol-3-phosphate dehydrogenase 2 (mitochondrial)		-0,566126524
A_21_P0014899	XR_111214	LOC100508995			-0,566147486
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,56615617
A_21_P0007989	ENST00000415620	XLOC_010583		ENST00000415620	-0,566165636
A_24_P141736	NM_006838	METAP2	methionyl aminopeptidase 2	ENST00000323666	-0,566198442
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,566199112
A_21_P0010905	NR_028134	GUCY2GP	guanylate cyclase 2G homolog (mouse), pseudogene	ENST00000490269	-0,566254183
A_32_P14582	NR_027300	C3P1	complement component 3 precursor pseudogene	ENST00000495140	-0,566355074
A_23_P151975	NM_016321	RHCG	Rh family, C glycoprotein	ENST00000536247	-0,566362325
A_23_P33326	NM_000679	ADRA1B	adrenergic, alpha-1B-, receptor		-0,566369716
A_32_P108156	NR_001458	MIR155HG	MIR155 host gene (non-protein coding)		-0,566449249
A_23_P73012	NM_032823	C9orf3	chromosome 9 open reading frame 3	ENST00000463372	-0,566534211
A_23_P315789	NM_000538	RFXAP	regulatory factor X-associated protein	ENST00000255476	-0,566649974
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,566671281
A_33_P3340025	NM_021067	GINS1	GINS complex subunit 1 (Psf1 homolog)	ENST00000262460	-0,566678697
A_33_P3280213	NM_001127695	CTSA	cathepsin A	ENST00000372459	-0,566705774
A_23_P214222	NM_002356	MARCKS	myristoylated alanine-rich protein kinase C substrate	ENST00000368635	-0,566712188
A_32_P98683	NM_005937	MLLT6	myeloid/lymphoid or mixed-lineage leukemia (trithorax hom	ENST00000325718	-0,566843208
A_23_P1374	NM_006257	PRKCQ	protein kinase C, theta	ENST00000539722	-0,566960766
A_33_P3880302	NM_004442	EPHB2	EPH receptor B2	ENST00000374632	-0,567001195
A_21_P0007793	THC2684861	XLOC_010251			-0,567139735
A_23_P134085	NM_173515	CNKSR3	CNKSR family member 3	ENST00000367213	-0,567142572
A_24_P154080	NM_001397	ECE1	endothelin converting enzyme 1	ENST00000470394	-0,567161083

A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,567226433
A_24_P308506	NM_016347	NAT8B	N-acetyltransferase 8B (GCN5-related, putative, gene/pseudogene)		-0,567238599
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,567417615
A_23_P19322	NM_018322	C6orf64	chromosome 6 open reading frame 64	ENST00000229903	-0,567423417
A_23_P55107	NM_014683	ULK2	unc-51-like kinase 2 (C. elegans)	ENST00000395544	-0,5674463
A_24_P135769	NM_198315	VWA5A	von Willebrand factor A domain containing 5A	ENST00000449321	-0,567467431
A_24_P548866	NM_001099668	HIGD1A	HIG1 hypoxia inducible domain family, member 1A		-0,567486431
A_23_P300076	NM_032263	IQCG	IQ motif containing G	ENST00000490748	-0,567593496
A_33_P3244610	NM_178460	SIRPD	signal-regulatory protein delta	ENST00000381623	-0,567819689
A_19_P00317507	NR_038344	MAGI2-AS3	MAGI2 antisense RNA 3 (non-protein coding)	ENST00000446159	-0,567890996
A_32_P84369	NM_001079529	FAM153B	family with sequence similarity 153, member B	ENST00000502475	-0,56801224
A_21_P0011584	AK125757	XLOC_I2_006036			-0,568028751
A_33_P3437283	AK128004	LOC643551	uncharacterized LOC643551		-0,568042383
A_21_P0000772	NR_038337	LOC100505783	uncharacterized LOC100505783		-0,568072937
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,568130608
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,568173147
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,568183617
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,568192857
A_33_P3234530	NM_001039664	TNFRSF25	tumor necrosis factor receptor superfamily, member 25	ENST00000453341	-0,568232045
A_23_P112482	NM_004925	AQP3	aquaporin 3 (Gill blood group)	ENST00000494313	-0,568259095
A_32_P24585	NM_001017995	SH3PXD2B	SH3 and PX domains 2B	ENST00000311601	-0,568306613
A_33_P3235568	NM_001206540	CAPZB	capping protein (actin filament) muscle Z-line, beta	ENST00000375142	-0,568696217
A_32_P167471	NM_024734	CLMN	calmin (calponin-like, transmembrane)		-0,568812224
A_23_P429478	NM_153038	CCDC140	coiled-coil domain containing 140	ENST00000295226	-0,568871497
A_33_P3363355	NM_022377	ICAM4	intercellular adhesion molecule 4 (Landsteiner-Wiener bloo	ENST00000393717	-0,568989754
A_33_P3399228	NM_032808	LINGO1	leucine rich repeat and Ig domain containing 1	ENST00000355300	-0,569024394
A_21_P0006012	ENST00000445963	XLOC_007370		ENST00000445963	-0,569039783
A_32_P222695	NM_001001669	ARHGEF37	Rho guanine nucleotide exchange factor (GEF) 37	ENST00000333677	-0,569044736
A_23_P44663	XR_110240	SERPINA2	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 2		-0,569129764

A_21_P0000869	NR_039975	LOC100506229	uncharacterized LOC100506229		-0,569147723
A_24_P307626	NM_144699	ATP1A4	ATPase, Na ⁺ /K ⁺ transporting, alpha 4 polypeptide	ENST00000477338	-0,569173781
A_23_P370682	NM_138456	BATF2	basic leucine zipper transcription factor, ATF-like 2	ENST00000527454	-0,569222532
A_23_P381714	NM_198584	CA13	carbonic anhydrase XIII	ENST00000321764	-0,569507694
A_21_P0014363	XR_109462	LOC100505577	uncharacterized LOC100505577		-0,569527826
A_33_P3267651	NM_014648	DZIP3	DAZ interacting protein 3, zinc finger	ENST00000393969	-0,569606452
A_24_P416131	NM_021149	COTL1	coactosin-like 1 (Dictyostelium)	ENST00000262428	-0,569633325
A_21_P0003190	TCONS_00006708	XLOC_003327			-0,569707763
A_33_P3316683	NM_152897	SNX21	sorting nexin family member 21	ENST00000466252	-0,570016325
A_33_P3385062	NM_024511	HAUS3	HAUS augmin-like complex, subunit 3	ENST00000243706	-0,570054452
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,570136728
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,570143373
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase alpha	ENST00000248975	-0,570239828
A_23_P388812	NM_152515	CKAP2L	cytoskeleton associated protein 2-like	ENST00000435431	-0,570302495
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,570317189
A_33_P3388501	NM_003465	CHIT1	chitinase 1 (chitotriosidase)	ENST00000491855	-0,570365577
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,570466858
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,57062077
A_24_P323114	NR_001446	ANXA2P3	annexin A2 pseudogene 3		-0,570673986
A_32_P157945	NM_004415	DSP	desmoplakin	ENST00000418664	-0,570714065
A_24_P337746	NM_014504	RABGEF1	RAB guanine nucleotide exchange factor (GEF) 1	ENST00000380827	-0,570803554
A_21_P0010080	DB030984	XLOC_013463			-0,571645856
A_21_P0012427	AK127293	XLOC_l2_010064			-0,571691472
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,571784714
A_19_P00318517	CN294843	XLOC_014192			-0,572094207
A_33_P3416563	NM_016108	AIG1	androgen-induced 1	ENST00000344492	-0,572258165
A_23_P44155	NM_198196	CD96	CD96 molecule	ENST00000283285	-0,572302165
A_21_P0005644	TCONS_00014576	XLOC_006686			-0,572320378
A_23_P121825	NM_024941	C5orf44	chromosome 5 open reading frame 44	ENST00000545191	-0,572361271

A_21_P0005660	THC2736788	XLOC_006723				-0,572437952
A_21_P0006669	ENST00000434552	XLOC_008447			ENST00000434552	-0,572593708
A_33_P3244574	NR_024562	LOC100128675	uncharacterized LOC100128675		ENST00000392227	-0,572611269
A_23_P64888	NM_023921	TAS2R10	taste receptor, type 2, member 10		ENST00000240619	-0,572621918
A_21_P0014096	XR_108421	LOC100507265	uncharacterized LOC100507265			-0,572692684
A_23_P12733	NM_018649	H2AFY2	H2A histone family, member Y2		ENST00000373255	-0,572745523
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase		ENST00000295256	-0,572842575
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)		ENST00000535927	-0,572859885
A_33_P3327479	NM_016598	ZDHHC3	zinc finger, DHHC-type containing 3		ENST00000339420	-0,572922084
A_21_P0001596	TCONS_00001714	XLOC_001081				-0,57322354
A_21_P0014093	XR_108413	LOC100507039	uncharacterized LOC100507039			-0,573516912
A_23_P27584	NM_001020818	MYADM	myeloid-associated differentiation marker		ENST00000391771	-0,573589519
A_33_P3259960	AK125579	LOC100128019	uncharacterized LOC100128019			-0,573713037
A_21_P0014067	ENST00000412772	LOC100506775			ENST00000412772	-0,57372505
A_21_P0009978	TCONS_00028230	XLOC_013574				-0,573852793
A_33_P3383970	NM_030956	TLR10	toll-like receptor 10		ENST00000361424	-0,574111804
A_21_P0013082	AK126413	LOC652990	uncharacterized LOC652990			-0,574270125
A_33_P3261520	ENST00000508366	ATP6AP1L	ATPase, H+ transporting, lysosomal accessory protein 1-like		ENST00000508366	-0,574350932
A_23_P118254	NM_001451	FOXF1	forkhead box F1		ENST00000262426	-0,574377696
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide		ENST00000402802	-0,574413612
A_24_P388433	NM_002718	PPP2R3A	protein phosphatase 2, regulatory subunit B", alpha		ENST00000264977	-0,574470391
A_33_P3394252	NM_152519	C2orf67	chromosome 2 open reading frame 67		ENST00000281772	-0,574608749
A_19_P00318495	NR_026761	LINC00467	long intergenic non-protein coding RNA 467			-0,57473638
A_23_P114883	NM_002023	FMOD	fibromodulin		ENST00000354955	-0,574885985
A_21_P0013913	XM_001713923	LOC728802	myomegalin-like			-0,574972394
A_24_P236235	NM_013231	FLRT2	fibronectin leucine rich transmembrane protein 2		ENST00000330753	-0,575213547
A_23_P58321	NM_001237	CCNA2	cyclin A2		ENST00000274026	-0,575437965
A_23_P345118	NM_002648	PIM1	pim-1 oncogene		ENST00000373509	-0,575459602
A_23_P113777	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)		ENST00000376162	-0,57550835

A_23_P8185	NM_006519	DYNLT1	dynein, light chain, Tctex-type 1	ENST00000367088	-0,575513904
A_33_P3399267	NM_172200	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-0,575640729
A_23_P135669	NM_030958	SLCO5A1	solute carrier organic anion transporter family, member 5A	ENST00000526750	-0,575662425
A_23_P86283	NM_006762	LAPTM5	lysosomal protein transmembrane 5	ENST00000294507	-0,575722235
A_24_P475814	NM_025136	OPA3	optic atrophy 3 (autosomal recessive, with chorea and spas	ENST00000263275	-0,575769579
A_33_P3387951	NM_020340	KIAA1244	KIAA1244	ENST00000251691	-0,575777959
A_21_P0008121	THC2744504	XLOC_010503			-0,575852053
A_33_P3383233	NM_201535	NDRG2	NDRG family member 2	ENST00000397847	-0,575871233
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,575903934
A_23_P338890	NM_002827	PTPN1	protein tyrosine phosphatase, non-receptor type 1	ENST00000371621	-0,575964693
A_23_P102611	NM_003881	WISP2	WNT1 inducible signaling pathway protein 2	ENST00000372868	-0,57597937
A_23_P106661	NM_052999	CMTM1	CKLF-like MARVEL transmembrane domain containing 1	ENST00000379490	-0,576005832
A_23_P412562	NM_174896	C1orf162	chromosome 1 open reading frame 162	ENST00000369718	-0,576079009
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,576160614
A_19_P00320274	NR_024431	LOC283050	uncharacterized LOC283050		-0,576206627
A_23_P120566	NM_001042576	RRBP1	ribosome binding protein 1 homolog 180kDa (dog)	ENST00000455029	-0,576321216
A_23_P105144	NM_020974	SCUBE2	signal peptide, CUB domain, EGF-like 2	ENST00000518447	-0,576354336
A_33_P3323188	NR_027237	LOC728743	zinc finger protein pseudogene	ENST00000476489	-0,576380694
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,576511538
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,57659544
A_21_P0005962	ENST00000523946	XLOC_007052		ENST00000523946	-0,57666694
A_23_P33364	NM_001009555	SH3D19	SH3 domain containing 19	ENST00000514152	-0,576899341
A_21_P0005696	TCONS_00014700	XLOC_006798			-0,576910237
A_33_P3295328	NM_001007033	CLEC6A	C-type lectin domain family 6, member A	ENST00000382073	-0,57700817
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,577047159
A_33_P3352970	NM_001570	IRAK2	interleukin-1 receptor-associated kinase 2	ENST00000256458	-0,577093876
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,577137153
A_24_P252364	NM_001037132	NRCAM	neuronal cell adhesion molecule	ENST00000351718	-0,577186085
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,577226514

A_21_P0000547	NR_027767	TNIK	TRAF2 and NCK interacting kinase	ENST00000465393	-0,57725655
A_24_P160491	ENST00000440303	FAM159A	family with sequence similarity 159, member A	ENST00000440303	-0,57726346
A_23_P19020	NM_005460	SNCAIP	synuclein, alpha interacting protein	ENST00000414317	-0,577306518
A_23_P6771	NM_014583	LMCD1	LIM and cysteine-rich domains 1	ENST00000157600	-0,577307357
A_23_P34788	NM_006845	KIF2C	kinesin family member 2C	ENST00000372218	-0,577307485
A_33_P3298990	NM_014207	CD5	CD5 molecule	ENST00000347785	-0,577319326
A_23_P107132	NM_002903	RCVRN	recoverin	ENST00000226193	-0,577319978
A_23_P202117	ENST00000490164	PCGF5	polycomb group ring finger 5	ENST00000490164	-0,577497447
A_33_P3316978	NM_207396	RNF207	ring finger protein 207	ENST00000377948	-0,577541326
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,577564692
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,57771576
A_33_P3687198	AK094730	LOC283454	uncharacterized LOC283454		-0,577719224
A_23_P61057	NM_004513	IL16	interleukin 16	ENST00000394656	-0,577723602
A_24_P254551	NM_015185	ARHGEF9	Cdc42 guanine nucleotide exchange factor (GEF) 9	ENST00000374870	-0,577778646
A_23_P214360	NM_002460	IRF4	interferon regulatory factor 4	ENST00000412334	-0,577835433
A_32_P147622	NR_034002	MCF2L-AS1	MCF2L antisense RNA 1 (non-protein coding)	ENST00000446789	-0,577863425
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,577900505
A_23_P78543	NM_005498	AP1M2	adaptor-related protein complex 1, mu 2 subunit	ENST00000250244	-0,577908459
A_32_P2452	NM_175861	TMTC1	transmembrane and tetratricopeptide repeat containing 1	ENST00000256062	-0,578137043
A_33_P3383326	NM_057159	LPAR1	lysophosphatidic acid receptor 1	ENST00000374430	-0,578244586
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,578250595
A_32_P88262	NM_020949	SLC7A14	solute carrier family 7 (orphan transporter), member 14		-0,578279396
A_32_P194246	NM_015226	CLEC16A	C-type lectin domain family 16, member A	ENST00000381822	-0,578371989
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,578380343
A_33_P3594654	NM_024121	TMEM185B	transmembrane protein 185B		-0,578506014
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,578592391
A_23_P163567	NM_018667	SMPD3	sphingomyelin phosphodiesterase 3, neutral membrane (ne	ENST00000219334	-0,578647515
A_23_P419213	NM_020817	KIAA1407	KIAA1407	ENST00000295878	-0,578693782
A_24_P122403	NM_003198	TCEB3	transcription elongation factor B (SIII), polypeptide 3 (110kI	ENST00000418390	-0,578695367

A_23_P14193	NM_002915	RFC3	replication factor C (activator 1) 3, 38kDa	ENST00000380071	-0,578775531
A_23_P60517	NM_181425	FXN	frataxin	ENST00000396366	-0,578974709
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,579026697
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,579204561
A_23_P156739	NM_032340	C6orf125	chromosome 6 open reading frame 125	ENST00000374231	-0,579224071
A_21_P0007390	TCONS_00019741	XLOC_009535			-0,579253696
A_23_P76799	NM_013448	BAZ1A	bromodomain adjacent to zinc finger domain, 1A	ENST00000360310	-0,579326952
A_33_P3390778	NM_025058	TRIM46	tripartite motif containing 46	ENST00000392451	-0,579417041
A_23_P202978	NM_033292	CASP1	caspase 1, apoptosis-related cysteine peptidase (interleukin	ENST00000534497	-0,579526379
A_33_P3288824	NM_080720	H2AFB3	H2A histone family, member B3		-0,579559276
A_21_P0001676	THC2624247	XLOC_000166			-0,57959489
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,579604627
A_21_P0014426	NR_040535	LOC100506472	uncharacterized LOC100506472		-0,579608801
A_23_P121222	NM_020165	RAD18	RAD18 homolog (S. cerevisiae)	ENST00000264926	-0,579659086
A_21_P0014268	ENST00000525365	LOC100506082		ENST00000525365	-0,579904457
A_23_P23584	NM_020248	CTNNBIP1	catenin, beta interacting protein 1	ENST00000377263	-0,579928163
A_23_P70794	NM_016277	RAB23	RAB23, member RAS oncogene family	ENST00000317483	-0,579965478
A_21_P0013865	ENST00000422194	XLOC_I2_015752		ENST00000422194	-0,580106253
A_23_P385322	NM_020799	STAMBPL1	STAM binding protein-like 1	ENST00000371926	-0,580195768
A_23_P123853	NM_006274	CCL19	chemokine (C-C motif) ligand 19	ENST00000485502	-0,580339266
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,580522909
A_32_P149298	NM_001129993	KIAA1841	KIAA1841	ENST00000453873	-0,580554989
A_24_P294408	NM_015900	PLA1A	phospholipase A1 member A	ENST00000273371	-0,580619428
A_33_P3413987	NM_000062	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	ENST00000278407	-0,58064294
A_23_P147641	NM_003195	TCEA2	transcription elongation factor A (SII), 2	ENST00000440819	-0,580708437
A_21_P0008663	THC2616036	XLOC_011331			-0,58085482
A_23_P17134	NM_002371	MAL	mal, T-cell differentiation protein	ENST00000309988	-0,580934587
A_23_P105002	NM_000327	ROM1	retinal outer segment membrane protein 1	ENST00000278833	-0,581003108
A_21_P0006579	BC015977	XLOC_008151			-0,581012996

A_23_P30243	NM_022350	ERAP2	endoplasmic reticulum aminopeptidase 2	ENST00000379904	-0,581161194
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,581186319
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,581187297
A_21_P0007880	XR_110374	LOC100507195	uncharacterized LOC100507195		-0,58127064
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,581409191
A_23_P307761	NM_031215	CABLES2	Cdk5 and Abl enzyme substrate 2	ENST00000279101	-0,581432677
A_23_P4036	NM_018469	TEX2	testis expressed 2	ENST00000258991	-0,581455547
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,581601673
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,581951768
A_23_P434398	NM_153235	TXLNB	taxilin beta	ENST00000358430	-0,582335839
A_23_P48669	NM_005192	CDKN3	cyclin-dependent kinase inhibitor 3	ENST00000555837	-0,582434592
A_33_P3297050	NM_033087	ALG2	asparagine-linked glycosylation 2, alpha-1,3-mannosyltransf	ENST00000238477	-0,582457915
A_32_P54242	NM_153686	LCORL	ligand dependent nuclear receptor corepressor-like	ENST00000326877	-0,583014919
A_23_P77593	NM_018052	VAC14	Vac14 homolog (<i>S. cerevisiae</i>)	ENST00000536184	-0,583049462
A_23_P21495	NM_003890	FCGBP	Fc fragment of IgG binding protein	ENST00000221347	-0,583175408
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,583178923
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,583215246
A_33_P3333810	NM_003350	UBE2V2	ubiquitin-conjugating enzyme E2 variant 2	ENST00000523111	-0,583280554
A_23_P129209	NM_002168	IDH2	isocitrate dehydrogenase 2 (NADP+), mitochondrial	ENST00000540499	-0,583287219
A_23_P361584	NM_152680	TMEM154	transmembrane protein 154	ENST00000304385	-0,583354741
A_24_P276628	NM_000310	PPT1	palmitoyl-protein thioesterase 1	ENST00000527107	-0,583536977
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,583588599
A_21_P0013428	ENST00000451381	XLOC_l2_013857		ENST00000451381	-0,583668298
A_23_P121657	NM_005114	HS3ST1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	ENST00000002596	-0,583692353
A_24_P272761	NM_020946	DENND1A	DENN/MADD domain containing 1A	ENST00000373624	-0,583719991
A_23_P394064	NM_012232	PTRF	polymerase I and transcript release factor	ENST00000357037	-0,583907775
A_33_P3209096	NM_001779	CD58	CD58 molecule	ENST00000464088	-0,584405304
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,584526436
A_21_P0001045	ENST00000448412	XLOC_000509		ENST00000448412	-0,584573832

A_23_P76386	NM_003044	SLC6A12	solute carrier family 6 (neurotransmitter transporter, betair	ENST00000424061	-0,58461177
A_23_P81441	NM_130848	C5orf20	chromosome 5 open reading frame 20	ENST00000537858	-0,584662162
A_32_P94667	NM_014644	PDE4DIP	phosphodiesterase 4D interacting protein	ENST00000530062	-0,584674073
A_33_P3240538	NM_016262	TUBE1	tubulin, epsilon 1	ENST00000368662	-0,584675492
A_23_P41750	NM_032567	SPZ1	spermatogenic leucine zipper 1	ENST00000296739	-0,584819132
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,584839408
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,584850253
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,584883534
A_33_P3286362	AK127441	LOC100131023	uncharacterized LOC100131023		-0,584893301
A_23_P210048	NM_006037	HDAC4	histone deacetylase 4	ENST00000345617	-0,584929506
A_21_P0002277	THC2755124	XLOC_001640			-0,584987647
A_24_P20630	NM_016269	LEF1	lymphoid enhancer-binding factor 1	ENST00000503879	-0,585121989
A_24_P937855	NM_001102396	SIKE1	suppressor of IKBKE 1	ENST00000369528	-0,585198333
A_33_P3249574	NM_004866	SCAMP1	secretory carrier membrane protein 1	ENST00000538629	-0,5852313
A_21_P0003297	THC2639066	XLOC_003228			-0,585438642
A_24_P193435	NM_003257	TJP1	tight junction protein 1 (zona occludens 1)	ENST00000545208	-0,585477399
A_23_P210538	NM_182764	ELMO2	engulfment and cell motility 2	ENST00000352077	-0,585527241
A_33_P3268304	NM_001161404	LIMS2	LIM and senescent cell antigen-like domains 2	ENST00000537572	-0,585595493
A_23_P42718	NM_004289	NFE2L3	nuclear factor (erythroid-derived 2)-like 3	ENST00000398175	-0,585746582
A_24_P286898	ENST00000374189	MAPK8	mitogen-activated protein kinase 8	ENST00000374189	-0,585933677
A_24_P33982	NM_001085423	MILR1	mast cell immunoglobulin-like receptor 1		-0,586003388
A_24_P372217	NM_007175	ERLIN2	ER lipid raft associated 2	ENST00000276461	-0,586062191
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,586145393
A_21_P0007660	TCONS_00021252	XLOC_009941			-0,586276628
A_23_P413760	NM_175080	P2RX5	purinergic receptor P2X, ligand-gated ion channel, 5	ENST00000440619	-0,586336636
A_23_P214208	NM_033181	CNR1	cannabinoid receptor 1 (brain)	ENST00000369499	-0,586532354
A_33_P3395758	NM_001017923	C14orf28	chromosome 14 open reading frame 28	ENST00000555826	-0,586569044
A_33_P3253528	NM_004275	MED20	mediator complex subunit 20	ENST00000409312	-0,586626238
A_21_P0013592	TCONS_I2_0002883	XLOC_I2_014850			-0,586709358

A_23_P127406	NM_018039	KDM4D	lysine (K)-specific demethylase 4D	ENST00000536741	-0,586760064
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,586843285
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,586888158
A_24_P30923	NM_003498	SNN	stannin	ENST00000329565	-0,587066181
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,587089043
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,587258921
A_23_P140563	NM_001040655	TTC23	tetratricopeptide repeat domain 23	ENST00000494567	-0,587508238
A_21_P0012945	BG214557	XLOC_I2_011627			-0,587525081
A_21_P0005592	ENST00000480919	XLOC_006326		ENST00000480919	-0,587618453
A_33_P3286774	ENST00000479369	PDE4DIP	phosphodiesterase 4D interacting protein	ENST00000479369	-0,587737221
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,587776814
A_33_P3223759	NM_005121	MED13	mediator complex subunit 13	ENST00000397786	-0,588183445
A_23_P10232	NM_017935	BANK1	B-cell scaffold protein with ankyrin repeats 1	ENST00000322953	-0,588248412
A_23_P60248	NM_003329	TXN	thioredoxin	ENST00000487892	-0,58830755
A_23_P111662	NM_178559	ABCB5	ATP-binding cassette, sub-family B (MDR/TAP), member 5	ENST00000258738	-0,588654593
A_23_P110462	NM_013340	PCDHB1	protocadherin beta 1	ENST00000306549	-0,588897093
A_21_P0009341	NR_030732	LOC645638	WDMN1-like pseudogene		-0,588943439
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,588966704
A_32_P209094	NM_018291	FGGY	FGGY carbohydrate kinase domain containing	ENST00000480847	-0,589022906
A_21_P0010565	NM_004595	SMS	spermine synthase	ENST00000404933	-0,589189482
A_23_P77437	NM_019023	PRMT7	protein arginine methyltransferase 7	ENST00000441236	-0,589263444
A_23_P87545	NM_021034	IFITM3	interferon induced transmembrane protein 3	ENST00000531688	-0,589298606
A_23_P391443	NM_020700	PPM1H	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1H	ENST00000228705	-0,589378647
A_21_P0008361	TCONS_00022564	XLOC_010883			-0,589410559
A_24_P26897	NM_005539	INPP5A	inositol polyphosphate-5-phosphatase, 40kDa	ENST00000368594	-0,589417006
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,589421026
A_23_P350574	NM_001002901	FCRLB	Fc receptor-like B	ENST00000495397	-0,589480092
A_33_P3411632	NM_025268	TMEM121	transmembrane protein 121	ENST00000392519	-0,589486859
A_23_P10936	NM_033060	KRTAP4-1	keratin associated protein 4-1	ENST00000398472	-0,58949343

A_33_P3369336	NM_002054	GCG	glucagon	ENST00000375497	-0,589530081
A_24_P45620	NM_021995	UTS2	urotensin 2	ENST00000054668	-0,589690323
A_23_P423482	NM_152450	FAM81A	family with sequence similarity 81, member A	ENST00000288228	-0,589827114
A_32_P98072	NM_007113	TCHH	trichohyalin	ENST00000368804	-0,589878544
A_24_P45367	NM_020448	NIPAL3	NIPA-like domain containing 3	ENST00000003912	-0,589952821
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,589960838
A_23_P7282	NM_153702	ELMOD2	ELMO/CED-12 domain containing 2	ENST00000323570	-0,589967689
A_21_P0012927	NM_001164478	C5orf63	chromosome 5 open reading frame 63	ENST00000556512	-0,589991017
A_21_P0008755	W87326	XLOC_011520			-0,590084535
A_33_P3806965	AK023806	FLJ13744	uncharacterized FLJ13744		-0,590172176
A_33_P3346826	NM_001012633	IL32	interleukin 32	ENST00000528652	-0,590187772
A_21_P0000727	NR_038216	LOC154092	uncharacterized LOC154092	ENST00000456749	-0,590196627
A_32_P83811	NM_001242936	FAM47E	family with sequence similarity 47, member E	ENST00000424749	-0,590225482
A_23_P334664	NM_033247	PML	promyelocytic leukemia	ENST00000395132	-0,590378553
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,590611298
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,590802333
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,590812783
A_21_P0005541	TCONS_00014004	XLOC_006644			-0,590841013
A_21_P0006521	AF085905	XLOC_008100			-0,590931756
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,590997248
A_23_P40453	NM_001236	CBR3	carbonyl reductase 3	ENST00000290354	-0,591121858
A_19_P00320619	NR_027481	ZNF876P		ENST00000356347	-0,591138291
A_33_P3291619	NR_040079	LOC399715	uncharacterized LOC399715	ENST00000399868	-0,591211934
A_23_P259090	NM_031438	NUDT12	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000230792	-0,591433654
A_23_P215883	NM_001040630	NCALD	neurocalcin delta	ENST00000395923	-0,591468054
A_33_P3230478	NM_201442	C1S	complement component 1, s subcomponent	ENST00000403949	-0,591593317
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,591796173
A_24_P57730	NM_181304	MRPL52	mitochondrial ribosomal protein L52	ENST00000355151	-0,591916893
A_33_P3327921	NM_012249	RHOQ	ras homolog gene family, member Q		-0,592023854

A_23_P23438	NM_022367	SEMA4A	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000544376	-0,592107324
A_33_P3357535	NM_030579	CYB5B	cytochrome b5 type B (outer mitochondrial membrane)	ENST00000307892	-0,592177441
A_19_P00318494	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,592205946
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,592427096
A_23_P256581	NM_021620	PRDM13	PR domain containing 13	ENST00000369214	-0,592435361
A_23_P154457	NM_024894	NOL10	nucleolar protein 10	ENST00000345985	-0,592576622
A_23_P6596	NM_005524	HES1	hairy and enhancer of split 1, (Drosophila)	ENST00000476918	-0,592611371
A_21_P0007484	NR_040245	LOC100287314	uncharacterized LOC100287314	ENST00000547804	-0,592644444
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,592680036
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,592844844
A_21_P0014247	XR_109012	LOC100507309	uncharacterized LOC100507309		-0,592893026
A_23_P342727	NM_178006	STARD13	StAR-related lipid transfer (START) domain containing 13	ENST00000336934	-0,592963067
A_21_P0006675	ENST00000442526	XLOC_008467		ENST00000442526	-0,593225047
A_32_P142818	NM_178120	DLX1	distal-less homeobox 1	ENST00000361725	-0,593312242
A_23_P157333	NM_005232	EPHA1	EPH receptor A1	ENST00000488068	-0,593357361
A_33_P3672756	XR_112106	LOC284561	uncharacterized LOC284561		-0,593384195
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,593391139
A_23_P88331	NM_014750	DLGAP5	discs, large (Drosophila) homolog-associated protein 5	ENST00000247191	-0,593443099
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,593636004
A_21_P0007826	TCONS_00021085	XLOC_009678			-0,593692414
A_23_P128281	NM_007333	KLRC3	killer cell lectin-like receptor subfamily C, member 3	ENST00000381903	-0,593713446
A_21_P0002736	ENST00000424786	XLOC_002612		ENST00000424786	-0,593825809
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,593870122
A_21_P0014154	XR_108621	LOC100507367	uncharacterized LOC100507367		-0,59393874
A_23_P92334	NM_024943	TMEM156	transmembrane protein 156	ENST00000381938	-0,593998394
A_23_P154208	NM_017567	NAGK	N-acetylglucosamine kinase	ENST00000455197	-0,594141
A_19_P00321148	AK055877	LOC100506328	uncharacterized LOC100506328		-0,594667412
A_33_P3276323	NR_033886	RAD21-AS1	RAD21 antisense RNA 1 (non-protein coding)	ENST00000521487	-0,594713724
A_23_P127565	NM_178834	LAYN	layilin	ENST00000375615	-0,594743022

A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,594790043
A_21_P0011789	TCONS_I2_0001343	XLOC_I2_007176			-0,594957691
A_33_P3240018	NM_000922	PDE3B	phosphodiesterase 3B, cGMP-inhibited	ENST00000282096	-0,5949665
A_33_P3310371	NR_027436	LOC283788	FSHD region gene 1 pseudogene	ENST00000418749	-0,59506901
A_21_P0012259	TCONS_I2_0001765	XLOC_I2_009328			-0,595281203
A_32_P20454	NM_001098398	COPA	coatamer protein complex, subunit alpha		-0,595296211
A_33_P3267799	NM_006847	LILRB4	leukocyte immunoglobulin-like receptor, subfamily B (with	ENST00000270452	-0,595479629
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,59552131
A_33_P3391656	NM_033550	TP53RK	TP53 regulating kinase	ENST00000372114	-0,59571367
A_23_P121222	NM_020165	RAD18	RAD18 homolog (S. cerevisiae)	ENST00000264926	-0,595768245
A_21_P0005134	ENST00000457339	XLOC_005466		ENST00000457339	-0,595818602
A_32_P180958	NM_016297	PCYOX1	prenylcysteine oxidase 1	ENST00000433351	-0,596234267
A_23_P111701	NM_004126	GNG11	guanine nucleotide binding protein (G protein), gamma 11	ENST00000248564	-0,596247696
A_23_P317465	NM_016530	RAB8B	RAB8B, member RAS oncogene family	ENST00000321437	-0,596280774
A_24_P944827	NM_006395	ATG7	ATG7 autophagy related 7 homolog (S. cerevisiae)	ENST00000354449	-0,59636595
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,596413583
A_21_P0010485	NR_028032	HCG9	HLA complex group 9 (non-protein coding)	ENST00000376800	-0,596472106
A_23_P151075	NM_001175	ARHGDIB	Rho GDP dissociation inhibitor (GDI) beta	ENST00000228945	-0,596896528
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,596917402
A_33_P3379251	NM_001105581	LRRC30	leucine rich repeat containing 30	ENST00000383467	-0,596972498
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,596980763
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,597030188
A_21_P0012763	ENST00000513681	XLOC_I2_011007		ENST00000513681	-0,597084639
A_24_P363278	NM_005906	MAK	male germ cell-associated kinase	ENST00000313243	-0,597181929
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,597413559
A_24_P472455	NM_001663	ARF6	ADP-ribosylation factor 6		-0,597415269
A_23_P503010	NM_153646	SLC24A4	solute carrier family 24 (sodium/potassium/calcium exchan	ENST00000532405	-0,59781128
A_32_P130630	NM_004731	SLC16A7	solute carrier family 16, member 7 (monocarboxylic acid tra	ENST00000261187	-0,598123484
A_21_P0011259	CR620068	XLOC_I2_004317			-0,598255526

A_33_P3396214	NM_172229	KREMEN2	kringle containing transmembrane protein 2	ENST00000303746	-0,598323366
A_32_P32413	NM_015559	SETBP1	SET binding protein 1	ENST00000282030	-0,598336542
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	-0,598345609
A_21_P0000664	ENST00000544344	CD4	CD4 molecule	ENST00000544344	-0,598384098
A_21_P0004136	ENST00000515199	XLOC_004859		ENST00000515199	-0,598400842
A_33_P3281795	NM_007283	MGLL	monoglyceride lipase	ENST00000265052	-0,598404904
A_21_P0009032	THC2784828	XLOC_011943			-0,598529971
A_24_P81900	NM_006931	SLC2A3	solute carrier family 2 (facilitated glucose transporter), men	ENST00000486749	-0,598737126
A_23_P215060	NM_001018111	PODXL	podocalyxin-like	ENST00000541194	-0,598840925
A_33_P3482534	BC043571	LOC613266	uncharacterized LOC613266		-0,598942223
A_21_P0005674	BU195360	XLOC_006743			-0,598946422
A_32_P94722	NM_052893	BTBD9	BTB (POZ) domain containing 9	ENST00000481247	-0,59895625
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,59914907
A_23_P73609	NM_000266	NDP	Norrie disease (pseudoglioma)	ENST00000378062	-0,599399256
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,599502593
A_23_P150394	NM_022003	FXYP6	FXYP domain containing ion transport regulator 6	ENST00000526014	-0,599534013
A_24_P296698	NM_145109	MAP2K3	mitogen-activated protein kinase kinase 3	ENST00000316920	-0,599639761
A_33_P3619171	NM_021127	PMAIP1	phorbol-12-myristate-13-acetate-induced protein 1	ENST00000269518	-0,599746516
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,599791389
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,599854299
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,599949728
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,59996762
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,599974809
A_23_P302550	NM_130782	RGS18	regulator of G-protein signaling 18	ENST00000367460	-0,600099102
A_33_P3368188	NM_006640	Sep-09	septin 9	ENST00000397613	-0,600136487
A_23_P39067	NM_003121	SPIB	Spi-B transcription factor (Spi-1/PU.1 related)	ENST00000270632	-0,600156489
A_23_P104098	NM_177402	SYT2	synaptotagmin II	ENST00000367267	-0,6002367
A_23_P111701	NM_004126	GNG11	guanine nucleotide binding protein (G protein), gamma 11	ENST00000248564	-0,600292217
A_23_P210708	NM_001040022	SIRPA	signal-regulatory protein alpha	ENST00000358771	-0,600504387

A_33_P3241541	CR936789	FSD1L	fibronectin type III and SPRY domain containing 1-like	ENST00000374707	-0,60053712
A_33_P3356731	NM_015332	NUDCD3	NudC domain containing 3	ENST00000355451	-0,600841939
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,600854746
A_23_P72568	NM_003794	SNX4	sorting nexin 4	ENST00000251775	-0,60091384
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,60103703
A_23_P406385	NM_153350	FBXL16	F-box and leucine-rich repeat protein 16	ENST00000324361	-0,601073814
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,601098584
A_32_P14610	NM_006457	PDLIM5	PDZ and LIM domain 5	ENST00000317968	-0,601210804
A_23_P337934	NM_017556	FBLIM1	filamin binding LIM protein 1	ENST00000400773	-0,601316325
A_23_P201376	NM_014021	SSX2IP	synovial sarcoma, X breakpoint 2 interacting protein	ENST00000437941	-0,601531517
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,601545975
A_23_P140450	NM_003645	SLC27A2	solute carrier family 27 (fatty acid transporter), member 2	ENST00000544960	-0,601712102
A_21_P0010137	NR_033840	LINC00163	long intergenic non-protein coding RNA 163	ENST00000434081	-0,601720824
A_33_P3404706	NM_001030288	SPN	sialophorin	ENST00000360121	-0,601778506
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,601829358
A_21_P0007222	ENST00000535746	XLOC_009181		ENST00000535746	-0,601881582
A_33_P3245439	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,601922938
A_33_P3269110	NM_001130686	GUCY1A3	guanylate cyclase 1, soluble, alpha 3	ENST00000512983	-0,601931078
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,602037603
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,602082105
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,602125507
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,602164187
A_21_P0006135	TCONS_00015940	XLOC_007308			-0,602240396
A_33_P3403576	NM_001136219	FCGR2A	Fc fragment of IgG, low affinity IIa, receptor (CD32)	ENST00000271450	-0,602317883
A_24_P940517	NM_016297	PCYOX1	prenylcysteine oxidase 1	ENST00000433351	-0,602373598
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,602393278
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,602472565
A_23_P414312	NM_152643	KNDC1	kinase non-catalytic C-lobe domain (KIND) containing 1	ENST00000304613	-0,602508179
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,602645409

A_33_P3334443	NM_001252271	FAM69A	family with sequence similarity 69, member A	ENST00000370310	-0,602693832
A_24_P134392	NM_006948	HSPA13	heat shock protein 70kDa family, member 13	ENST00000285667	-0,602809336
A_23_P360302	NM_001522	GUCY2F	guanylate cyclase 2F, retinal	ENST00000218006	-0,602820078
A_32_P133072	NM_006108	SPON1	spondin 1, extracellular matrix protein	ENST00000533633	-0,60301405
A_21_P0000843	NR_038930	LOC100507250	uncharacterized LOC100507250		-0,603111019
A_33_P3286157	NM_003327	TNFRSF4	tumor necrosis factor receptor superfamily, member 4	ENST00000497869	-0,603113222
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,603116554
A_33_P3418025	NM_001334	CTSO	cathepsin O	ENST00000433477	-0,603129932
A_23_P203920	NM_005086	SSPN	sarcospan (Kras oncogene-associated gene)	ENST00000422622	-0,60332934
A_23_P329870	NM_024599	RHBDF2	rhomoid 5 homolog 2 (Drosophila)	ENST00000313080	-0,603738064
A_33_P3415551	NM_207328	GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	ENST00000377137	-0,60378949
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,603865249
A_21_P0002254	TCONS_00003758	XLOC_001558			-0,603917437
A_32_P96692	NM_006502	POLH	polymerase (DNA directed), eta		-0,604119587
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,604190666
A_33_P3449097	NM_031945	TSPAN10	tetraspanin 10	ENST00000540189	-0,604253243
A_32_P128391	NR_038842	LOC728431	uncharacterized LOC728431	ENST00000424989	-0,604460626
A_23_P150018	NM_004419	DUSP5	dual specificity phosphatase 5	ENST00000369583	-0,604554368
A_21_P0000015	NM_001146106	PARP9	poly (ADP-ribose) polymerase family, member 9	ENST00000462315	-0,604811272
A_23_P129085	NM_145658	SPESP1	sperm equatorial segment protein 1	ENST00000310673	-0,604858825
A_32_P183918	NR_033851	MGC39372	serpin peptidase inhibitor, clade B (ovalbumin), member 9 pseudogene		-0,604984968
A_23_P134627	NM_133457	EMID2	EMI domain containing 2	ENST00000313669	-0,605053858
A_21_P0003577	TCONS_00007998	XLOC_003461			-0,605526104
A_21_P0000997	ENST00000454466	XLOC_000319		ENST00000454466	-0,605537523
A_23_P75741	NM_198183	UBE2L6	ubiquitin-conjugating enzyme E2L 6	ENST00000528275	-0,605540481
A_24_P211797	NM_178231	ICA1L	islet cell autoantigen 1,69kDa-like	ENST00000411681	-0,605550632
A_24_P28295	NM_001243765	RABGAP1L	RAB GTPase activating protein 1-like	ENST00000367686	-0,605575352
A_33_P3272291	NM_001818	AKR1C4	aldo-keto reductase family 1, member C4 (chlordecone red)	ENST00000397357	-0,605739285
A_33_P3214650	NM_000544	TAP2	transporter 2, ATP-binding cassette, sub-family B (MDR/TAF)	ENST00000452371	-0,605757798

A_24_P12136	NM_130772	S100Z	S100 calcium binding protein Z	ENST00000513010	-0,605769811
A_23_P254842	NM_012080	HDHD1	haloacid dehalogenase-like hydrolase domain containing 1	ENST00000544385	-0,606302511
A_19_P00322939	NR_003367	PVT1			-0,606450303
A_33_P3372910	NM_014314	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	ENST00000379882	-0,606458934
A_23_P253317	NM_013308	GPR171	G protein-coupled receptor 171	ENST00000309180	-0,606477467
A_24_P319113	NM_002562	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7	ENST00000377162	-0,606640058
A_23_P52207	NM_012342	BAMBI	BMP and activin membrane-bound inhibitor homolog (Xenc	ENST00000542444	-0,606869213
A_21_P0000958	ENST00000412797	XLOC_000101		ENST00000412797	-0,606904987
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,607049561
A_21_P0003549	NR_039975	LOC100506229	uncharacterized LOC100506229	ENST00000515864	-0,607063233
A_23_P90626	NM_004288	CYTIP	cytohesin 1 interacting protein	ENST00000540637	-0,607292446
A_23_P110412	NM_001080506	TMEM150C	transmembrane protein 150C	ENST00000449862	-0,60745097
A_33_P3383866	NM_016381	TREX1	three prime repair exonuclease 1	ENST00000422277	-0,608148405
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,608326105
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,608626592
A_23_P340333	NM_033397	ITPRIP	inositol 1,4,5-trisphosphate receptor interacting protein	ENST00000358187	-0,608687393
A_21_P0010326	TCONS_00029312	XLOC_014110			-0,608776803
A_23_P209426	NM_015049	TRAK2	trafficking protein, kinesin binding 2	ENST00000332624	-0,608868023
A_24_P344711	NM_020132	AGPAT3	1-acylglycerol-3-phosphate O-acyltransferase 3	ENST00000398058	-0,608896583
A_24_P19544	NM_013233	STK39	serine threonine kinase 39	ENST00000355999	-0,60908735
A_33_P3311073	NM_012313	KIR2DS3	killer cell immunoglobulin-like receptor, two domains, short	ENST00000339924	-0,60937815
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,609398815
A_23_P202345	NM_032804	ADO	2-aminoethanethiol (cysteamine) dioxygenase	ENST00000373783	-0,609434021
A_21_P0000141	NM_001198844	RBM4	RNA binding motif protein 4	ENST00000550837	-0,609666465
A_21_P0011514	NM_001190790	CDRT15L2	CMT1A duplicated region transcript 15-like 2	ENST00000399044	-0,609903165
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,609948223
A_23_P379071	NM_145032	FBXL13	F-box and leucine-rich repeat protein 13	ENST00000455112	-0,609949037
A_33_P3366175	NR_034003	LOC100130298	hCG1816373-like	ENST00000525556	-0,610178923
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,61028596

A_33_P3287223	NM_001935	DPP4	dipeptidyl-peptidase 4	ENST00000360534	-0,610386695
A_23_P167509	NM_001037332	CYFIP2	cytoplasmic FMR1 interacting protein 2	ENST00000347377	-0,610547987
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,61062955
A_24_P202558	NM_015073	SIPA1L3	signal-induced proliferation-associated 1 like 3	ENST00000222345	-0,61069392
A_24_P50972	NM_001145004	GOLGA6L6	golgin A6 family-like 6	ENST00000454724	-0,610778602
A_33_P3617655	NR_038928	LOC339442	uncharacterized LOC339442	ENST00000431311	-0,61081856
A_23_P102117	NM_025216	WNT10A	wingless-type MMTV integration site family, member 10A	ENST00000258411	-0,611011125
A_21_P0010168	ENST00000417820	XLOC_013973		ENST00000417820	-0,611087682
A_33_P3422471	XM_003403636	LOC100506255	uncharacterized protein LOC100506255		-0,611119216
A_32_P76035	NM_033109	PNPT1	polyribonucleotide nucleotidyltransferase 1	ENST00000260604	-0,611119419
A_21_P0008965	THC2697393	XLOC_011774			-0,611123571
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,611123893
A_21_P0007550	ENST00000546738	XLOC_009733		ENST00000546738	-0,61122147
A_23_P62932	NM_001677	ATP1B1	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide	ENST00000367816	-0,611919227
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,611961839
A_33_P3738458	NM_022648	TNS1	tensin 1	ENST00000171887	-0,612041867
A_21_P0005069	TCONS_00012332	XLOC_005877			-0,612116272
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,612134974
A_33_P3288189	NM_014899	RHOBTB3	Rho-related BTB domain containing 3	ENST00000379982	-0,61234456
A_33_P3341105	NM_002602	PDE6G	phosphodiesterase 6G, cGMP-specific, rod, gamma	ENST00000331056	-0,612390339
A_21_P0002311	TCONS_00003929	XLOC_001741			-0,612528218
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,612619213
A_23_P24444	NM_001360	DHCR7	7-dehydrocholesterol reductase	ENST00000355527	-0,612637117
A_23_P121222	NM_020165	RAD18	RAD18 homolog (S. cerevisiae)	ENST00000264926	-0,612640298
A_21_P0004612	BC038196	XLOC_005773		ENST00000441949	-0,612683484
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,612692284
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,612895033
A_23_P138881	NM_001104	ACTN3	actinin, alpha 3	ENST00000502692	-0,612912543
A_23_P10232	NM_017935	BANK1	B-cell scaffold protein with ankyrin repeats 1	ENST00000322953	-0,613052369

A_24_P112087	NM_014034	ASF1A	ASF1 anti-silencing function 1 homolog A (<i>S. cerevisiae</i>)	ENST00000229595	-0,613080313
A_23_P160159	NM_003039	SLC2A5	solute carrier family 2 (facilitated glucose/fructose transpor	ENST00000377424	-0,613196144
A_19_P00321636	THC2548196	XLOC_014192			-0,613325733
A_23_P155351	NM_000060	BTD	biotinidase	ENST00000383778	-0,613333642
A_33_P3267208	NM_022048	CSNK1G1	casein kinase 1, gamma 1	ENST00000303052	-0,613525695
A_19_P00316135	NR_027252	CYP1B1-AS1		ENST00000413828	-0,613533934
A_24_P102821	NM_000952	PTAFR	platelet-activating factor receptor	ENST00000305392	-0,613606424
A_24_P333421	NM_001099220	ZNF862	zinc finger protein 862	ENST00000223210	-0,613637467
A_23_P500614	NM_001243	TNFRSF8	tumor necrosis factor receptor superfamily, member 8	ENST00000263932	-0,613760711
A_23_P155052	NM_030641	APOL6	apolipoprotein L, 6	ENST00000409652	-0,61383023
A_23_P308722	NM_145038	CCDC164	coiled-coil domain containing 164	ENST00000288710	-0,613940576
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	-0,613967065
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,613977104
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,61398659
A_32_P147078	NM_021097	SLC8A1	solute carrier family 8 (sodium/calcium exchanger), membe	ENST00000542640	-0,614268547
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,614305327
A_33_P3306843	NM_001102657	ZNF836	zinc finger protein 836	ENST00000322146	-0,61436856
A_21_P0011622	ENST00000495536	XLOC_I2_005814		ENST00000495536	-0,614397439
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,614442436
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,614478017
A_21_P0012701	THC2667912	XLOC_I2_011411			-0,61469103
A_33_P3308055	AB209519	EIF4E2	eukaryotic translation initiation factor 4E family member 2	ENST00000409514	-0,614714759
A_33_P3258004	NM_152788	ANKS1B	ankyrin repeat and sterile alpha motif domain containing 1E	ENST00000546960	-0,614751745
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,614789601
A_24_P405430	NM_022173	TIA1	TIA1 cytotoxic granule-associated RNA binding protein	ENST00000477807	-0,614925811
A_33_P3317253	NM_001001484	PTER	phosphotriesterase related	ENST00000378000	-0,615204626
A_32_P56001	NM_012072	CD93	CD93 molecule	ENST00000246006	-0,615326245
A_21_P0014631	XR_110832	LOC100505971	uncharacterized LOC100505971		-0,615418738
A_24_P753161	NM_001204	BMPR2	bone morphogenetic protein receptor, type II (serine/threo	ENST00000374580	-0,615473759

A_33_P3214105	NM_001674	ATF3	activating transcription factor 3	ENST00000366981	-0,615475405
A_33_P3210671	NM_207328	GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	ENST00000458519	-0,615503087
A_33_P3387155	NR_002814	LOC374443	CLR pseudogene		-0,615760516
A_24_P417162	NM_005647	TBL1X	transducin (beta)-like 1X-linked	ENST00000217964	-0,615910857
A_23_P13907	NM_000618	IGF1	insulin-like growth factor 1 (somatomedin C)	ENST00000481539	-0,615921388
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen)	ENST00000543145	-0,616176133
A_33_P3289865	NM_006226	PLCL1	phospholipase C-like 1	ENST00000437704	-0,616224724
A_21_P0007219	TCONS_00019322	XLOC_009167			-0,616796378
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,616987868
A_23_P44274	NM_000508	FGA	fibrinogen alpha chain	ENST00000302053	-0,616988658
A_23_P218675	NM_006103	WFDC2	WAP four-disulfide core domain 2	ENST00000447118	-0,617372103
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,617410498
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	-0,617519499
A_23_P65427	NM_002818	PSME2	proteasome (prosome, macropain) activator subunit 2 (PA2)	ENST00000216802	-0,617613241
A_23_P361940	NM_003874	CD84	CD84 molecule	ENST00000368054	-0,617734222
A_19_P00321317	THC2509656	Q39472			-0,61779434
A_24_P187970	NM_007365	PADI2	peptidyl arginine deiminase, type II	ENST00000375481	-0,617967599
A_33_P3332362	NM_001207026	POU2F2	POU class 2 homeobox 2	ENST00000342301	-0,61801439
A_23_P6535	NM_138433	KLHDC7B	kelch domain containing 7B	ENST00000395676	-0,618187033
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,618389706
A_23_P23639	NM_153259	MCOLN2	mucolipin 2	ENST00000530971	-0,618402188
A_23_P6293	NM_018961	UBASH3A	ubiquitin associated and SH3 domain containing A	ENST00000473381	-0,618403922
A_32_P89310	NM_001080475	PLEKHM3	pleckstrin homology domain containing, family M, member	ENST00000343987	-0,61844386
A_23_P354151	NM_005546	ITK	IL2-inducible T-cell kinase	ENST00000519402	-0,618455527
A_33_P3315134	NR_026597	DIRC3	disrupted in renal carcinoma 3	ENST00000474063	-0,618456527
A_33_P3331601	NM_024838	THNSL1	threonine synthase-like 1 (S. cerevisiae)	ENST00000524413	-0,618504073
A_33_P3295200	NM_001523	HAS1	hyaluronan synthase 1	ENST00000376738	-0,61852376
A_23_P171132	NM_021783	EDA2R	ectodysplasin A2 receptor	ENST00000450752	-0,618632146
A_23_P66117	NM_032039	ITFG3	integrin alpha FG-GAP repeat containing 3	ENST00000301678	-0,618672401

A_23_P141555	NM_013351	TBX21	T-box 21	ENST00000177694	-0,618939478
A_32_P192970	NM_170726	ALDH4A1	aldehyde dehydrogenase 4 family, member A1	ENST00000432718	-0,618952488
A_23_P135499	NM_013943	CLIC4	chloride intracellular channel 4	ENST00000374379	-0,619169043
A_24_P398691	NM_032859	ABHD13	abhydrolase domain containing 13	ENST00000375898	-0,619171482
A_24_P62530	NM_021205	RHOU	ras homolog gene family, member U	ENST00000366691	-0,619836073
A_21_P0008874	AK056683	XLOC_011755			-0,619890908
A_21_P0005927	ENST00000520646	XLOC_006726		ENST00000520646	-0,620110679
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,620199266
A_23_P100386	NM_152456	IL34	interleukin 34	ENST00000429149	-0,620212359
A_32_P158966	NM_016523	KLRF1	killer cell lectin-like receptor subfamily F, member 1	ENST00000535631	-0,620402004
A_23_P359245	NM_000245	MET	met proto-oncogene (hepatocyte growth factor receptor)	ENST00000397752	-0,620627352
A_23_P204751	NM_020039	ACCN2	amiloride-sensitive cation channel 2, neuronal	ENST00000228468	-0,62065403
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,620989596
A_33_P3372466	NM_138501	TECR	trans-2,3-enoyl-CoA reductase	ENST00000444365	-0,621324608
A_23_P153372	NM_032855	HSH2D	hematopoietic SH2 domain containing	ENST00000253680	-0,621501794
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,621896369
A_21_P0013513	TCONS_I2_0002818	XLOC_I2_014505			-0,621912797
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,621949367
A_33_P3313456	NM_001098843	CXorf30	chromosome X open reading frame 30	ENST00000378653	-0,622111214
A_33_P3253249	NM_002032	FTH1	ferritin, heavy polypeptide 1	ENST00000534180	-0,622121636
A_23_P141208	NM_015510	DHRS7B	dehydrogenase/reductase (SDR family) member 7B	ENST00000346603	-0,622156495
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,622356311
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,622808092
A_33_P3262977	NM_001079858	GPR64	G protein-coupled receptor 64	ENST00000397917	-0,622867127
A_23_P50368	NM_206818	OSCAR	osteoclast associated, immunoglobulin-like receptor	ENST00000358375	-0,623092979
A_24_P203000	NM_000878	IL2RB	interleukin 2 receptor, beta	ENST00000216223	-0,623286609
A_33_P3217393	NM_001024736	CD276	CD276 molecule	ENST00000379823	-0,623414485
A_23_P385861	NM_152562	CDCA2	cell division cycle associated 2	ENST00000435898	-0,623521013
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,623596482

A_33_P3395442	NR_015382	LOC678655	uncharacterized LOC678655		-0,623727503
A_24_P626850	NM_004285	H6PD	hexose-6-phosphate dehydrogenase (glucose 1-dehydroger	ENST00000377403	-0,623775423
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,623893805
A_33_P3369058	NM_198578	LRRK2	leucine-rich repeat kinase 2	ENST00000298910	-0,62419744
A_23_P363399	NM_030674	SLC38A1	solute carrier family 38, member 1	ENST00000398637	-0,62456812
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,624768323
A_21_P0004691	ENST00000434437	XLOC_005480		ENST00000434437	-0,624809747
A_33_P3396527	NM_006467	POLR3G	polymerase (RNA) III (DNA directed) polypeptide G (32kD)	ENST00000399107	-0,625325723
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,62534411
A_32_P52911	NM_018269	ADI1	acireductone dioxygenase 1	ENST00000327435	-0,625372994
A_33_P3275350	NM_014286	NCS1	neuronal calcium sensor 1	ENST00000372398	-0,625580221
A_33_P3283430	NM_025229	SEL1L2	sel-1 suppressor of lin-12-like 2 (C. elegans)	ENST00000423870	-0,625625755
A_33_P3209591	NM_004925	AQP3	aquaporin 3 (Gill blood group)	ENST00000343952	-0,625747592
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,625773035
A_23_P143047	NM_080653	ATP6V1E2	ATPase, H ⁺ transporting, lysosomal 31kDa, V1 subunit E2	ENST00000522587	-0,62583544
A_32_P405759	NM_152888	COL22A1	collagen, type XXII, alpha 1	ENST00000435777	-0,625868213
A_24_P98411	NM_005347	HSPA5	heat shock 70kDa protein 5 (glucose-regulated protein, 78k	ENST00000324460	-0,625935719
A_21_P0014024	ENST00000438418	LOC100652784		ENST00000438418	-0,625991043
A_19_P00808382	NR_038883	LOC100506334	uncharacterized LOC100506334		-0,62601892
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,626087975
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,626132953
A_23_P58407	NM_001076	UGT2B15	UDP glucuronosyltransferase 2 family, polypeptide B15	ENST00000338206	-0,626289377
A_21_P0000065	NM_001166696	SLC1A3	solute carrier family 1 (glial high affinity glutamate transpor	ENST00000512374	-0,626380305
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,626547805
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,626687596
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,626947857
A_23_P254978	NM_032026	TATDN1	TatD DNase domain containing 1	ENST00000523888	-0,627040052
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,627172749
A_24_P16913	NM_005845	ABCC4	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	ENST00000431522	-0,627236625

A_23_P105002	NM_000327	ROM1	retinal outer segment membrane protein 1	ENST00000278833	-0,627322887
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,627427798
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	-0,627454592
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,627474693
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,627516071
A_21_P0013796	NM_002032	FTH1	ferritin, heavy polypeptide 1	ENST00000534719	-0,627586949
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,628033429
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,628193761
A_23_P19657	NM_032832	LRP11	low density lipoprotein receptor-related protein 11	ENST00000239367	-0,628313098
A_23_P416238	NM_139249	MS4A6E	membrane-spanning 4-domains, subfamily A, member 6E	ENST00000532756	-0,628343626
A_21_P0009153	BC084573	XLOC_012452			-0,628510621
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,628556061
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,628576043
A_23_P351148	NM_053282	SH2D1B	SH2 domain containing 1B	ENST00000359567	-0,62857646
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,628603323
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,628713672
A_23_P421011	NM_030929	KAZALD1	Kazal-type serine peptidase inhibitor domain 1	ENST00000370200	-0,62874207
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,628895619
A_19_P00322409	NR_034115	LOC729178	uncharacterized LOC729178		-0,628959935
A_21_P0010787	ENST00000446962	XLOC_I2_001302		ENST00000446962	-0,629004828
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,629108446
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,629272138
A_23_P166297	NM_207627	ABCG1	ATP-binding cassette, sub-family G (WHITE), member 1	ENST00000340588	-0,629534802
A_33_P3272090	NM_001198834	PDE4DIP	phosphodiesterase 4D interacting protein	ENST00000530062	-0,629743041
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,629804866
A_33_P3386429	NM_015571	SENPE6	SUMO1/sentrin specific peptidase 6	ENST00000447266	-0,629821654
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,630009402
A_23_P357104	NM_001155	ANXA6	annexin A6	ENST00000540153	-0,630189775
A_23_P26994	NM_031498	GNGT2	guanine nucleotide binding protein (G protein), gamma trar	ENST00000515635	-0,630412802

A_19_P00800681	XR_110300	LOC100506965	uncharacterized LOC100506965		-0,630412898
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,630526037
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,630706017
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,630724738
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,630749325
A_24_P318656	NM_000212	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	ENST00000262017	-0,631072481
A_24_P117410	NM_138433	KLHDC7B	kelch domain containing 7B	ENST00000395676	-0,631140147
A_33_P3413840	NM_001205019	GK	glycerol kinase	ENST00000378945	-0,631194743
A_21_P0013056	THC2730466	XLOC_I2_012847			-0,631229376
A_33_P3318966	NM_173802	METTL20	methyltransferase like 20	ENST00000395763	-0,631337885
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,631384442
A_23_P359043	NM_001004065	AKAP2	A kinase (PRKA) anchor protein 2	ENST00000374530	-0,631407226
A_24_P943358	NM_006716	DBF4	DBF4 homolog (<i>S. cerevisiae</i>)	ENST00000265728	-0,631431548
A_32_P163089	NM_001145199	C12orf75	chromosome 12 open reading frame 75	ENST00000548472	-0,631530906
A_23_P100386	NM_152456	IL34	interleukin 34	ENST00000429149	-0,631618587
A_21_P0006297	ENST00000474602	CDC14B	CDC14 cell division cycle 14 homolog B (<i>S. cerevisiae</i>)	ENST00000474602	-0,631682358
A_23_P64173	NM_001017534	CARD16	caspase recruitment domain family, member 16	ENST00000525374	-0,6316973
A_23_P56213	NM_020895	GRAMD1A	GRAM domain containing 1A	ENST00000411896	-0,631716473
A_23_P416178	NM_022742	CCDC136	coiled-coil domain containing 136	ENST00000471729	-0,631800424
A_33_P3229467	NM_004760	STK17A	serine/threonine kinase 17a		-0,631922096
A_33_P3314659	NM_144722	SPEF2	sperm flagellar 2	ENST00000282469	-0,632041741
A_33_P3375368	NM_001195381	GPR35	G protein-coupled receptor 35	ENST00000407714	-0,632042305
A_24_P940921	NM_015046	SETX	senataxin	ENST00000372169	-0,632083582
A_24_P405205	NM_001001396	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000367218	-0,632099395
A_21_P0012685	ENST00000511213	XLOC_I2_011291		ENST00000511213	-0,632162688
A_23_P315364	NM_002089	CXCL2	chemokine (C-X-C motif) ligand 2	ENST00000508487	-0,63227383
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,632289109
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,632613688
A_24_P11315	NM_020190	OLFML3	olfactomedin-like 3	ENST00000393300	-0,632708504

A_23_P113777	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)	ENST00000376162	-0,632784585
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,632824068
A_33_P3338121	NM_001017402	LAMB3	laminin, beta 3	ENST00000367030	-0,63284896
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,632865928
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,632937277
A_23_P126752	NM_004930	CAPZB	capping protein (actin filament) muscle Z-line, beta	ENST00000375145	-0,633490766
A_23_P153853	NM_001398	ECH1	enoyl CoA hydratase 1, peroxisomal	ENST00000221418	-0,633734079
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,633863676
A_21_P0000818	NR_038847	LOC100505576	uncharacterized LOC100505576		-0,633878758
A_23_P211401	NM_001039570	KREMEN1	kringle containing transmembrane protein 1	ENST00000407188	-0,633921614
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,633922862
A_24_P365526	NM_002110	HCK	hemopoietic cell kinase	ENST00000375862	-0,633966521
A_23_P37983	NM_005947	MT1B	metallothionein 1B	ENST00000334346	-0,633988382
A_24_P123119	NM_001966	EHHADH	enoyl-CoA, hydratase/3-hydroxyacyl CoA dehydrogenase	ENST00000231887	-0,634121297
A_23_P91095	NM_006139	CD28	CD28 molecule	ENST00000374481	-0,634185223
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,634194334
A_33_P3369567	NM_001242932	LSP1	lymphocyte-specific protein 1	ENST00000484895	-0,634208633
A_23_P96158	NM_000422	KRT17	keratin 17	ENST00000493253	-0,634217768
A_21_P0006239	XR_109854	LOC100506532	uncharacterized LOC100506532		-0,634353946
A_23_P151710	NM_000956	PTGER2	prostaglandin E receptor 2 (subtype EP2), 53kDa	ENST00000245457	-0,634357639
A_23_P156180	NM_003059	SLC22A4	solute carrier family 22 (organic cation/ergothioneine trans	ENST00000200652	-0,634411964
A_24_P161018	NM_017554	PARP14	poly (ADP-ribose) polymerase family, member 14	ENST00000310290	-0,634418958
A_21_P0000138	NM_001197238	BTN2A2	butyrophilin, subfamily 2, member A2	ENST00000469230	-0,634444558
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,634450367
A_33_P3213029	NM_017763	RNF43	ring finger protein 43	ENST00000407977	-0,634489169
A_23_P137366	NM_000491	C1QB	complement component 1, q subcomponent, B chain	ENST00000314933	-0,634701633
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,634779915
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,634853389
A_33_P3313283	NM_153221	CILP2	cartilage intermediate layer protein 2	ENST00000291495	-0,635074929

A_24_P140608	NM_001945	HBEGF	heparin-binding EGF-like growth factor	ENST00000507104	-0,635202453
A_24_P295379	NM_020960	GPR107	G protein-coupled receptor 107	ENST00000372406	-0,63521821
A_19_P00805954	TCONS_00011660	XLOC_005143			-0,635238321
A_23_P203957	NM_175861	TMTC1	transmembrane and tetratricopeptide repeat containing 1	ENST00000319685	-0,635312715
A_23_P49499	NM_006456	ST6GALNAC2	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-:	ENST00000225276	-0,635435186
A_32_P129419	NM_024611	NARG2	NMDA receptor regulated 2	ENST00000261520	-0,635640158
A_23_P139669	NM_006931	SLC2A3	solute carrier family 2 (facilitated glucose transporter), men	ENST00000479059	-0,635660596
A_23_P423331	NM_032536	NTNG2	netrin G2	ENST00000360670	-0,636363079
A_23_P117602	NM_004131	GZMB	granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated	ENST00000554242	-0,636395236
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,63641539
A_33_P3367550	NR_033379	LOC401242	uncharacterized LOC401242	ENST00000411600	-0,636468475
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,636613938
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,636615442
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,636729959
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,63682929
A_24_P923251	NM_198951	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamr	ENST00000468262	-0,636898842
A_23_P371076	ENST00000472022	KLF12	Kruppel-like factor 12	ENST00000472022	-0,636960044
A_24_P915806	NM_001024074	HNMT	histamine N-methyltransferase	ENST00000280096	-0,637023112
A_23_P402319	NM_152687	GAPT	GRB2-binding adaptor protein, transmembrane	ENST00000318469	-0,637317603
A_23_P12746	NM_002438	MRC1	mannose receptor, C type 1	ENST00000239761	-0,637358829
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,637384766
A_33_P3223503	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380217	-0,637576899
A_33_P3292769	NM_145912	NFAM1	NFAT activating protein with ITAM motif 1	ENST00000329021	-0,637663283
A_33_P3250398	BC025419	CTSZ	cathepsin Z		-0,6377139
A_24_P348806	NM_175058	PLEKHA7	pleckstrin homology domain containing, family A member 7	ENST00000448080	-0,637823072
A_32_P175934	NM_001778	CD48	CD48 molecule	ENST00000368046	-0,637840401
A_32_P60065	NM_004101	F2RL2	coagulation factor II (thrombin) receptor-like 2	ENST00000296641	-0,637847178
A_21_P0011983	ENST00000432711	XLOC_I2_008396		ENST00000432711	-0,637886173
A_24_P89457	NM_078467	CDKN1A	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	ENST00000478800	-0,638011469

A_23_P38446	NM_021137	TNFAIP1	tumor necrosis factor, alpha-induced protein 1 (endothelial	ENST00000226225	-0,638041099
A_19_P00322332	XR_111691	LOC100508196	uncharacterized LOC100508196		-0,638236976
A_19_P00319800	NR_040074	LOC100287225	uncharacterized LOC100287225	ENST00000435144	-0,638306736
A_32_P62997	NM_018492	PBK	PDZ binding kinase	ENST00000301905	-0,6383379
A_33_P3376958	NR_027293	LOC96610	BMS1 homolog, ribosome assembly protein (yeast) pseudo	ENST00000390290	-0,638589287
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,638706072
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,638880815
A_33_P3310104	NM_002639	SERPINB5	serpin peptidase inhibitor, clade B (ovalbumin), member 5	ENST00000382771	-0,638998207
A_21_P0013652	TCONS_I2_0002934	XLOC_I2_015213			-0,639371112
A_33_P3262416	NM_001141972	ATPBD4	ATP binding domain 4	ENST00000440392	-0,639534154
A_24_P241183	NM_013269	CLEC2D	C-type lectin domain family 2, member D	ENST00000487752	-0,639793175
A_21_P0005691	ENST00000521257	XLOC_006780		ENST00000521257	-0,639867038
A_21_P0011543	TCONS_I2_0001077	XLOC_I2_005787			-0,639894999
A_23_P77590	NM_018052	VAC14	Vac14 homolog (S. cerevisiae)	ENST00000536184	-0,639995395
A_33_P3463355	BC039302	LOC286121	uncharacterized LOC286121		-0,64034785
A_19_P00809624	NM_001145191	FAM200B		ENST00000504137	-0,640557712
A_23_P404108	NM_018999	FAM190B	family with sequence similarity 190, member B	ENST00000224756	-0,640667437
A_24_P21507	NM_172242	SPAG6	sperm associated antigen 6	ENST00000376603	-0,640692496
A_21_P0002359	TCONS_00004035	XLOC_001873			-0,640761925
A_33_P3239839	NM_024963	FBXL18	F-box and leucine-rich repeat protein 18	ENST00000538679	-0,640808611
A_23_P34093	NM_000402	G6PD	glucose-6-phosphate dehydrogenase	ENST00000369620	-0,640921439
A_23_P169257	NM_001244	TNFSF8	tumor necrosis factor (ligand) superfamily, member 8	ENST00000223795	-0,641146883
A_33_P3623118	AK054653	LOC153577	uncharacterized LOC153577		-0,641263158
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,64128777
A_33_P3333960	NR_024464	LINC00426	long intergenic non-protein coding RNA 426	ENST00000447147	-0,641301899
A_23_P120845	NM_005080	XBP1	X-box binding protein 1	ENST00000415306	-0,641337272
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,641589308
A_24_P169013	NR_001298	HLA-DRB6	major histocompatibility complex, class II, DR beta 6 (pseud	ENST00000437183	-0,641668931
A_21_P0013873	ENST00000427671	XLOC_I2_015842		ENST00000427671	-0,641676358

A_23_P31896	NM_003033	ST3GAL1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1	ENST00000522652	-0,641697745
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,641799299
A_33_P3278043	NM_152292	RG9MTD2	RNA (guanine-9-) methyltransferase domain containing 2	ENST00000394876	-0,641839528
A_21_P0012272	TCONS_I2_0001783	XLOC_I2_009439			-0,642034665
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,642148009
A_21_P0011002	THC2717621	XLOC_I2_002502			-0,642351727
A_33_P3413701	NM_001040458	ERAP1	endoplasmic reticulum aminopeptidase 1	ENST00000443439	-0,642386198
A_32_P91902	NM_030927	TSPAN14	tetraspanin 14	ENST00000429989	-0,642389268
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,642414845
A_32_P197561	NM_024007	EBF1	early B-cell factor 1	ENST00000313708	-0,642534602
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,642616428
A_23_P34597	NM_001785	CDA	cytidine deaminase	ENST00000461985	-0,642654402
A_21_P0010561	NM_001244910	FCGR1B	Fc fragment of IgG, high affinity Ib, receptor (CD64)	ENST00000369178	-0,642668226
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,643076849
A_33_P3223923	NM_005313	PDIA3	protein disulfide isomerase family A, member 3	ENST00000300289	-0,643159344
A_23_P351467	NR_002174	CMAHP	cytidine monophospho-N-acetylneuraminic acid hydroxylase	ENST00000471416	-0,643211928
A_21_P0004773	NR_038863	LOC285758	uncharacterized LOC285758		-0,643227278
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,643257009
A_23_P301942	NM_024409	NPPC	natriuretic peptide C	ENST00000295440	-0,64327673
A_23_P121222	NM_020165	RAD18	RAD18 homolog (<i>S. cerevisiae</i>)	ENST00000264926	-0,643349877
A_23_P29953	NM_172175	IL15	interleukin 15	ENST00000320650	-0,643408265
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,643671711
A_23_P252740	NM_024094	DSCC1	defective in sister chromatid cohesion 1 homolog (<i>S. cerevisiae</i>)	ENST00000313655	-0,643683448
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,644030812
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen)	ENST00000543145	-0,644051447
A_32_P43812	NM_001040402	DCUN1D4	DCN1, defective in cullin neddylation 1, domain containing 4	ENST00000477560	-0,644087799
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,64444517
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,644524202
A_33_P3242503	NM_199451	ZNF365	zinc finger protein 365	ENST00000410046	-0,644603477

A_21_P0004601	AY314751	TSG1	tumor suppressor TSG1		-0,644617728
A_19_P00318679	THC2512099	XLOC_011510			-0,644839494
A_21_P0005432	TCONS_00013598	XLOC_006252			-0,644842024
A_21_P0007177	ENST00000531749	XLOC_009070		ENST00000531749	-0,644872372
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,644992158
A_33_P3337901	NM_001198834	PDE4DIP	phosphodiesterase 4D interacting protein	ENST00000494734	-0,645073421
A_23_P32165	NM_004789	LHX2	LIM homeobox 2	ENST00000373615	-0,645083211
A_21_P0003999	THC2620722	XLOC_004382			-0,645180594
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,645251641
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,645417304
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,645440111
A_21_P0009204	BX648922	XLOC_012583			-0,645506723
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,645526024
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,645659783
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,645843554
A_21_P0012224	ENST00000449602	XLOC_I2_009140		ENST00000449602	-0,646214705
A_23_P26854	NM_014859	ARHGAP44	Rho GTPase activating protein 44	ENST00000379672	-0,646240688
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000351004	-0,646556874
A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,646585591
A_24_P286054	NM_001105251	ZFYVE16	zinc finger, FYVE domain containing 16	ENST00000512907	-0,64666361
A_21_P0014763	XR_132529	LOC100652839			-0,646834813
A_21_P0007850	AK092411	XLOC_009869			-0,646890288
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,647044136
A_23_P59718	NM_003130	SRI	sorcin	ENST00000265729	-0,647102378
A_21_P0011761	NR_003578	ZNF702P	zinc finger protein 702, pseudogene	ENST00000270443	-0,647235322
A_23_P151405	NM_018204	CKAP2	cytoskeleton associated protein 2	ENST00000258607	-0,647236617
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,64753777
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,647552675
A_21_P0010848	TCONS_I2_0000333(XLOC_I2_001800				-0,647577683

A_23_P204947	NM_004004	GJB2	gap junction protein, beta 2, 26kDa	ENST00000382844	-0,647684347
A_23_P20392	NM_015310	PSD3	pleckstrin and Sec7 domain containing 3	ENST00000440756	-0,647745522
A_33_P3405168	NM_172250	MMAA	methylmalonic aciduria (cobalamin deficiency) cblA type	ENST00000281317	-0,647849358
A_33_P3774867	BC094703	MGC11082	uncharacterized LOC84777		-0,6478653
A_21_P0014434	XR_109768	LOC100506901	uncharacterized LOC100506901		-0,647975829
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,647980616
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	-0,648219851
A_23_P2492	NM_001734	C1S	complement component 1, s subcomponent	ENST00000360817	-0,648473583
A_32_P213661	NM_144974	CCDC122	coiled-coil domain containing 122	ENST00000470137	-0,648841815
A_24_P191847	NM_024754	PTCD2	pentatricopeptide repeat domain 2	ENST00000515198	-0,648872657
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,648912778
A_23_P147918	NM_080388	S100A16	S100 calcium binding protein A16	ENST00000368703	-0,648925581
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,648929142
A_23_P74359	NM_004078	CSRP1	cysteine and glycine-rich protein 1	ENST00000340006	-0,649029101
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,649493016
A_33_P3386547	NM_152386	SGPP2	sphingosine-1-phosphate phosphatase 2	ENST00000321276	-0,649553073
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,64960578
A_23_P120103	NM_002252	KCNS3	potassium voltage-gated channel, delayed-rectifier, subfam	ENST00000403915	-0,649611535
A_23_P111000	NM_002800	PSMB9	proteasome (prosome, macropain) subunit, beta type, 9 (la	ENST00000413480	-0,649622928
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,649703746
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,650007956
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,650129615
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,650509613
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,650693131
A_33_P3358104	NM_181449	CD300E	CD300e molecule	ENST00000412268	-0,650712479
A_23_P30069	NM_001012967	DDX60L	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60-like	ENST00000511577	-0,650869448
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,651161356
A_23_P159406	NM_003125	SPRR1B	small proline-rich protein 1B	ENST00000307098	-0,651211258
A_33_P3371402	NR_027402	LINC00204B	long intergenic non-protein coding RNA 204B		-0,651268104

A_21_P0009311	TCONS_00025609	XLOC_012441				-0,651309745
A_19_P00810227	TCONS_00022559	XLOC_010879				-0,651353107
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274		-0,651376031
A_23_P422981	NM_174899	FBXO36	F-box protein 36	ENST00000283946		-0,65143022
A_33_P3247042	NM_002030	FPR3	formyl peptide receptor 3	ENST00000339223		-0,651491237
A_24_P53282	NM_001304	CPD	carboxypeptidase D	ENST00000225719		-0,651537436
A_33_P3381235	NR_024470	LOC100127888	uncharacterized LOC100127888	ENST00000411824		-0,651591232
A_24_P81298	NM_001123355	PPP6C	protein phosphatase 6, catalytic subunit	ENST00000373547		-0,651604853
A_23_P38784	NM_014385	SIGLEC7	sialic acid binding Ig-like lectin 7	ENST00000317643		-0,651687188
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932		-0,651732604
A_33_P3234202	NM_004944	DNASE1L3	deoxyribonuclease I-like 3	ENST00000394549		-0,651989328
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696		-0,652211768
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117		-0,652259034
A_33_P3336422	NR_034137	LOC729013	uncharacterized LOC729013			-0,652322938
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507		-0,652534063
A_33_P3398548	NM_003666	BLZF1	basic leucine zipper nuclear factor 1	ENST00000329281		-0,652614074
A_33_P3283964	NR_033740	CES1P2	carboxylesterase 1 pseudogene 2			-0,652651972
A_23_P162165	NM_023930	KCTD14	potassium channel tetramerisation domain containing 14	ENST00000353172		-0,65268155
A_19_P00319917	NR_038956	LOC100506714	uncharacterized LOC100506714			-0,652886846
A_24_P313418	NM_002990	CCL22	chemokine (C-C motif) ligand 22	ENST00000219235		-0,652937926
A_21_P0002253	BC036617	XLOC_001558				-0,652953456
A_32_P74752	NR_038929	LOC100131289	uncharacterized LOC100131289			-0,653170335
A_32_P56249	NR_038996	LOC100131733	uncharacterized LOC100131733	ENST00000478808		-0,653247556
A_23_P137423	NM_052868	IGSF8	immunoglobulin superfamily, member 8	ENST00000358475		-0,653307201
A_23_P26522	NM_001169	AQP8	aquaporin 8	ENST00000219660		-0,653344271
A_21_P0003757	CR740121	XLOC_004049				-0,65336072
A_21_P0000769	NR_038332	LOC100505622	uncharacterized LOC100505622			-0,653685394
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274		-0,65400614
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467			-0,654009457

A_21_P0010236	AK124146	XLOC_013921			-0,6540278
A_23_P102117	NM_025216	WNT10A	wingless-type MMTV integration site family, member 10A	ENST00000258411	-0,654117281
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,6542567
A_33_P3224250	NM_001048210	CLCC1	chloride channel CLIC-like 1	ENST00000369971	-0,65432552
A_23_P13907	NM_000618	IGF1	insulin-like growth factor 1 (somatomedin C)	ENST00000481539	-0,654789353
A_33_P3421913	NM_014333	CADM1	cell adhesion molecule 1		-0,654845828
A_23_P401472	NM_000740	CHRM3	cholinergic receptor, muscarinic 3	ENST00000255380	-0,654892534
A_24_P275073	NM_139155	ADAMTS14	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000373208	-0,654895951
A_21_P0007153	NR_026967	LOC143666	uncharacterized LOC143666		-0,655414025
A_32_P100109	NM_004726	REPS2	RALBP1 associated Eps domain containing 2	ENST00000357277	-0,655491394
A_24_P945194	NM_013374	PDCD6IP	programmed cell death 6 interacting protein	ENST00000307296	-0,655509073
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,655555208
A_23_P56559	NM_005771	DHRS9	dehydrogenase/reductase (SDR family) member 9	ENST00000432060	-0,655707725
A_23_P88678	NM_152335	C15orf27	chromosome 15 open reading frame 27	ENST00000484722	-0,655798407
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,655934134
A_33_P3315425	NM_022840	METTL4	methyltransferase like 4	ENST00000319888	-0,655959086
A_33_P3383836	NM_015163	TRIM9	tripartite motif containing 9	ENST00000555170	-0,656029852
A_33_P3210099	NM_020778	ALPK3	alpha-kinase 3	ENST00000258888	-0,656215163
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,656499793
A_23_P34452	NM_000427	LOR	loricrin	ENST00000392652	-0,656503585
A_21_P0000004	NM_001099791	SYS1	SYS1 Golgi-localized integral membrane protein homolog (S	ENST00000426004	-0,656761783
A_23_P120002	NM_004510	SP110	SP110 nuclear body protein	ENST00000338556	-0,657106733
A_23_P66948	NM_022751	FAM59A	family with sequence similarity 59, member A	ENST00000269209	-0,657273481
A_21_P0006758	ENST00000440750	XLOC_008815		ENST00000440750	-0,657291347
A_33_P3240328	NM_002653	PITX1	paired-like homeodomain 1	ENST00000265340	-0,657374009
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,657388442
A_23_P87560	NM_001731	BTG1	B-cell translocation gene 1, anti-proliferative	ENST00000256015	-0,657405953
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,657412384
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,657562913

A_33_P3284939	NM_199129	TMEM189	transmembrane protein 189	ENST00000371652	-0,6576482
A_32_P160045	NM_152665	TCTEX1D1	Tctex1 domain containing 1	ENST00000282670	-0,65768143
A_33_P3867534	NM_182751	MCM10	minichromosome maintenance complex component 10	ENST00000361282	-0,65772861
A_23_P58506	NM_012081	ELL2	elongation factor, RNA polymerase II, 2	ENST00000237853	-0,657791254
A_24_P330796	NM_017777	MKS1	Meckel syndrome, type 1	ENST00000337050	-0,657949998
A_32_P79434	NM_002847	PTPRN2	protein tyrosine phosphatase, receptor type, N polypeptide	ENST00000389418	-0,65799908
A_21_P0013498	TCONS_I2_0002789!	XLOC_I2_014289			-0,658218934
A_24_P183664	NM_014817	TRIL	TLR4 interactor with leucine-rich repeats	ENST00000322982	-0,658348087
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,658579417
A_24_P379512	NM_005482	PIGK	phosphatidylinositol glycan anchor biosynthesis, class K	ENST00000370812	-0,658588662
A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125	-0,658672703
A_33_P3249746	NM_001190484	CYP3A5	cytochrome P450, family 3, subfamily A, polypeptide 5	ENST00000343703	-0,658881851
A_21_P0000620	NR_033997	LOC386597	uncharacterized LOC386597		-0,658917138
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,658967168
A_23_P45087	NM_016220	ZNF107	zinc finger protein 107	ENST00000423627	-0,658972813
A_23_P68851	NM_001039570	KREMEN1	kringle containing transmembrane protein 1	ENST00000400338	-0,659076014
A_33_P3342056	NM_173799	TIGIT	T cell immunoreceptor with Ig and ITIM domains	ENST00000383671	-0,659080602
A_21_P0010937	ENST00000446557	XLOC_I2_001888		ENST00000446557	-0,659132848
A_24_P122137	NM_002309	LIF	leukemia inhibitory factor (cholinergic differentiation factor	ENST00000249075	-0,659183958
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,659289452
A_33_P3222424	NM_000759	CSF3	colony stimulating factor 3 (granulocyte)	ENST00000394148	-0,659355583
A_23_P253791	NM_004345	CAMP	cathelicidin antimicrobial peptide	ENST00000296435	-0,659479557
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,659592868
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,659913801
A_23_P121222	NM_020165	RAD18	RAD18 homolog (S. cerevisiae)	ENST00000264926	-0,660001359
A_33_P3309621	NR_002804	SIGLECP3	sialic acid binding Ig-like lectin, pseudogene 3	ENST00000341811	-0,660011758
A_21_P0010728	NM_001244910	FCGR1B	Fc fragment of IgG, high affinity Ib, receptor (CD64)	ENST00000369178	-0,660022706
A_23_P202071	NM_001025077	CELF2	CUGBP, Elav-like family member 2	ENST00000354440	-0,660048664
A_21_P0008555	AK056686	XLOC_011237			-0,660094071

A_33_P3238415	NM_001080554	GSG1	germ cell associated 1	ENST00000405543	-0,660223717
A_33_P3360972	NM_001077594	EXOC3L4	exocyst complex component 3-like 4	ENST00000380069	-0,660551857
A_23_P38427	NM_032932	RAB11FIP4	RAB11 family interacting protein 4 (class II)	ENST00000325874	-0,660628278
A_21_P0013088	NM_004595	SMS	spermine synthase	ENST00000457085	-0,660712893
A_21_P0012241	TCONS_I2_0001755	XLOC_I2_009281			-0,660715862
A_23_P155539	NM_000306	POU1F1	POU class 1 homeobox 1	ENST00000344265	-0,661129175
A_23_P337262	NM_153000	APCDD1	adenomatosis polyposis coli down-regulated 1	ENST00000423585	-0,661316033
A_23_P500130	NM_153186	KANK1	KN motif and ankyrin repeat domains 1	ENST00000382289	-0,661428324
A_23_P8834	NM_001979	EPHX2	epoxide hydrolase 2, cytoplasmic	ENST00000415449	-0,661514363
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,661657929
A_23_P403991	NM_024080	TRPM8	transient receptor potential cation channel, subfamily M, member 8	ENST00000324695	-0,661878193
A_23_P34307	NM_005482	PIGK	phosphatidylinositol glycan anchor biosynthesis, class K	ENST00000370812	-0,662039774
A_19_P00318904	XR_108784	LOC100507525			-0,662154299
A_21_P0009096	TCONS_00024822	XLOC_011681			-0,662489309
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,662513747
A_32_P132860	NR_024280	UNQ6494	uncharacterized LOC100129066		-0,662826368
A_33_P3308905	NM_001083535	CEP57L1	centrosomal protein 57kDa-like 1	ENST00000407272	-0,662914778
A_24_P261734	NM_030674	SLC38A1	solute carrier family 38, member 1		-0,663054172
A_24_P346431	NM_022748	TNS3	tensin 3	ENST00000398879	-0,663208557
A_33_P3411075	NM_003088	FSCN1	fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus)	ENST00000340250	-0,663355626
A_21_P0014662	XR_110944	LOC100507395	uncharacterized LOC100507395		-0,663446934
A_21_P0014060	ENST00000488806	PIGC	phosphatidylinositol glycan anchor biosynthesis, class C	ENST00000488806	-0,663486044
A_21_P0004840	TCONS_00011699	XLOC_005180			-0,663617589
A_23_P304991	NM_000411	HLCS	holocarboxylase synthetase (biotin-(propionyl-CoA-carboxylase)	ENST00000399120	-0,66367804
A_23_P415706	NM_198827	GPR133	G protein-coupled receptor 133	ENST00000261654	-0,663691992
A_33_P3296707	NM_001078173	FAM127C	family with sequence similarity 127, member C	ENST00000391440	-0,663848992
A_21_P0006654	ENST00000429092	XLOC_008391		ENST00000429092	-0,66392577
A_23_P110624	NM_001332	CTNND2	catenin (cadherin-associated protein), delta 2 (neural plakophilin-3)	ENST00000538638	-0,664008067
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,664070264

A_23_P127186	NM_206862	TACC2	transforming, acidic coiled-coil containing protein 2	ENST00000368997	-0,664085223
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,664109882
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,664409151
A_23_P119562	NM_001928	CFD	complement factor D (adipsin)	ENST00000327726	-0,664687371
A_21_P0013767	BC048131	LOC550643	uncharacterized LOC550643		-0,664698181
A_24_P152968	NM_001353	AKR1C1	aldo-keto reductase family 1, member C1 (dihydrodiol dehydrogenase)	ENST00000434459	-0,664858605
A_24_P941268	NM_007220	CA5B	carbonic anhydrase VB, mitochondrial	ENST00000318636	-0,665206002
A_23_P57856	NM_001130845	BCL6	B-cell CLL/lymphoma 6	ENST00000419510	-0,665221244
A_24_P95439	NM_001014437	CARS	cysteinyl-tRNA synthetase	ENST00000397114	-0,665321975
A_21_P0014580	XR_110374	LOC100507195	uncharacterized LOC100507195		-0,665688301
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,665808004
A_23_P96369	NM_018015	CXorf57	chromosome X open reading frame 57	ENST00000372544	-0,665862697
A_24_P237443	NM_018990	SASH3	SAM and SH3 domain containing 3	ENST00000356892	-0,66599
A_21_P0010535	THC2520127	XLOC_I2_000297			-0,666015703
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,666126521
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,666368599
A_19_P00317878	XR_132670	LOC100652730	uncharacterized LOC100652730	ENST00000412500	-0,666589874
A_23_P126278	NM_003465	CHIT1	chitinase 1 (chitotriosidase)	ENST00000484834	-0,666686983
A_33_P3735158	AK093004	LOC286272	uncharacterized LOC286272		-0,666750529
A_33_P3479449	AK055877	LOC100506328	uncharacterized LOC100506328		-0,666986114
A_24_P372625	NM_016422	RNF141	ring finger protein 141	ENST00000534281	-0,667001426
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,667132385
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,667400624
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,667573489
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,667683573
A_23_P157404	NM_001283	AP1S1	adaptor-related protein complex 1, sigma 1 subunit	ENST00000337619	-0,66780699
A_23_P502336	NM_013447	EMR2	egf-like module containing, mucin-like, hormone receptor-like 2	ENST00000315576	-0,667839419
A_23_P107744	NM_030760	S1PR5	sphingosine-1-phosphate receptor 5	ENST00000359134	-0,668557657
A_24_P522864	NR_026880	MGC12916	uncharacterized protein MGC12916		-0,66862901

A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,668717309
A_33_P3492087	AK097198	LOC284191	uncharacterized LOC284191		-0,668969034
A_33_P3372099	NM_145244	DDIT4L	DNA-damage-inducible transcript 4-like	ENST00000273990	-0,66899627
A_33_P3264895	NM_144593	RHEBL1	Ras homolog enriched in brain like 1	ENST00000420065	-0,669089087
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,669194068
A_21_P0001952	NM_001202519	CFLAR	CASP8 and FADD-like apoptosis regulator	ENST00000434645	-0,669399968
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,669423165
A_24_P396375	NM_001113347	ECE1	endothelin converting enzyme 1	ENST00000415912	-0,669426956
A_32_P352743	NM_001004440	FAM19A3	family with sequence similarity 19 (chemokine (C-C motif)-li	ENST00000369630	-0,669486965
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,669559756
A_21_P0010669	TCONS_I2_0000176: XLOC_I2_001302				-0,669647721
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,669763349
A_23_P166248	NM_004414	RCAN1	regulator of calcineurin 1	ENST00000443408	-0,669767534
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,669845166
A_23_P350719	NR_026864	PRSS30P	protease, serine, 30 homolog (mouse), pseudogene	ENST00000390681	-0,669858407
A_33_P3666817	NM_001001791	C10orf55	chromosome 10 open reading frame 55	ENST00000412307	-0,669882454
A_23_P93431	NM_016108	AIG1	androgen-induced 1	ENST00000357847	-0,669973531
A_23_P38346	NM_024119	DHX58	DEXH (Asp-Glu-X-His) box polypeptide 58	ENST00000423748	-0,669994655
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,670360267
A_23_P23048	NM_002965	S100A9	S100 calcium binding protein A9	ENST00000368738	-0,670376131
A_33_P3367201	NM_052845	MMAB	methylmalonic aciduria (cobalamin deficiency) cblB type		-0,67038258
A_24_P28657	NM_015446	AHCTF1	AT hook containing transcription factor 1	ENST00000391829	-0,670447296
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,670610875
A_23_P90933	NM_080876	DUSP19	dual specificity phosphatase 19	ENST00000342619	-0,670635148
A_23_P116942	NM_002286	LAG3	lymphocyte-activation gene 3	ENST00000203629	-0,670982572
A_23_P140725	NM_014714	IFT140	intraflagellar transport 140 homolog (Chlamydomonas)	ENST00000426508	-0,671031385
A_23_P25155	NM_020370	GPR84	G protein-coupled receptor 84	ENST00000551809	-0,671051342
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,671426872
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,671459412

A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,671557202
A_23_P170857	NM_002182	IL1RAP	interleukin 1 receptor accessory protein	ENST00000447382	-0,671603369
A_23_P259692	NM_058179	PSAT1	phosphoserine aminotransferase 1	ENST00000376588	-0,671639931
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,671643772
A_21_P0004869	NR_038929	LOC100131289	uncharacterized LOC100131289		-0,671841463
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,672160397
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,672179524
A_23_P105002	NM_000327	ROM1	retinal outer segment membrane protein 1	ENST00000278833	-0,672196869
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,672311061
A_21_P0007246	TCONS_00019407	XLOC_009230			-0,672335833
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,672429671
A_23_P18598	NM_018323	PI4K2B	phosphatidylinositol 4-kinase type 2 beta	ENST00000537420	-0,67243489
A_33_P3223467	NM_025054	VCPIP1	valosin containing protein (p97)/p47 complex interacting pr	ENST00000310421	-0,672571867
A_21_P0002075	ENST00000448595	XLOC_002221		ENST00000448595	-0,67269342
A_23_P26325	NM_002987	CCL17	chemokine (C-C motif) ligand 17	ENST00000219244	-0,672694489
A_21_P0002658	NR_037631	LOC100288911	uncharacterized LOC100288911		-0,672789558
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,672841667
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,673098708
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,673126324
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,673180399
A_23_P166848	NM_002343	LTF	lactotransferrin	ENST00000426532	-0,673219234
A_23_P211167	NM_004928	C21orf2	chromosome 21 open reading frame 2	ENST00000339818	-0,673271884
A_33_P3331641	NR_024421	ZNF503-AS2	ZNF503 antisense RNA 2 (non-protein coding)	ENST00000425916	-0,673420604
A_23_P152002	NM_004049	BCL2A1	BCL2-related protein A1	ENST00000267953	-0,673467365
A_24_P377499	NM_015550	OSBPL3	oxysterol binding protein-like 3	ENST00000352860	-0,673570268
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,673673955
A_33_P3354935	NM_172212	CSF1	colony stimulating factor 1 (macrophage)	ENST00000369802	-0,67369761
A_23_P396666	NM_015079	TBC1D2B	TBC1 domain family, member 2B	ENST00000300584	-0,67377221
A_21_P0008358	ENST00000554225	XLOC_010879		ENST00000554225	-0,673811255

A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,67398709
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,674207295
A_19_P00315528	AF088007	XLOC_008370			-0,674346383
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,674434087
A_21_P0012961	XR_110313	LOC255187	hCG1980447		-0,674597511
A_23_P148446	NM_003336	UBE2A	ubiquitin-conjugating enzyme E2A	ENST00000371569	-0,674610774
A_33_P3246283	AK128439	VAC14	Vac14 homolog (<i>S. cerevisiae</i>)		-0,674713197
A_23_P102117	NM_025216	WNT10A	wingless-type MMTV integration site family, member 10A	ENST00000258411	-0,67476529
A_23_P155688	NM_021114	SPINK2	serine peptidase inhibitor, Kazal type 2 (acrosin-trypsin inhi	ENST00000248701	-0,674829766
A_33_P3311439	NM_001024071	GCH1	GTP cyclohydrolase 1	ENST00000395524	-0,675062287
A_33_P3379091	NM_145731	SYNGR1	synaptogyrin 1		-0,675115329
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,675147018
A_23_P106016	NM_002742	PRKD1	protein kinase D1	ENST00000331968	-0,675389492
A_33_P3218980	NM_001776	ENTPD1	ectonucleoside triphosphate diphosphohydrolase 1	ENST00000371203	-0,675738853
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,675856727
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,675910484
A_23_P362191	NR_026951	LINC00324	long intergenic non-protein coding RNA 324	ENST00000315707	-0,676086913
A_23_P107612	NM_004163	RAB27B	RAB27B, member RAS oncogene family	ENST00000262094	-0,676249792
A_23_P35456	NM_014631	SH3PXD2A	SH3 and PX domains 2A	ENST00000355946	-0,676516011
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,676617137
A_23_P415401	NM_001206	KLF9	Kruppel-like factor 9	ENST00000377126	-0,676723389
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,676777121
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,676793772
A_33_P3353791	NM_181501	ITGA1	integrin, alpha 1	ENST00000506275	-0,676985705
A_33_P3216714	NM_014787	DNAJC6	DnaJ (Hsp40) homolog, subfamily C, member 6	ENST00000371069	-0,677014242
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,677310581
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,677344801
A_23_P387184	NM_020464	NHSL1	NHS-like 1	ENST00000343505	-0,677544525
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,677619145

A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependant)	ENST00000394053	-0,677687998
A_33_P3410654	NM_205852	CLEC12B	C-type lectin domain family 12, member B	ENST00000396502	-0,678011062
A_32_P40463	NR_002779	NUDT9P1	nudix (nucleoside diphosphate linked moiety X)-type motif 9 pseudogene 1		-0,678047994
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,678096125
A_23_P121222	NM_020165	RAD18	RAD18 homolog (S. cerevisiae)	ENST00000264926	-0,678291388
A_21_P0001621	THC2776551	XLOC_001197			-0,67831322
A_21_P0012909	TCONS_I2_0002293	XLOC_I2_012071			-0,678509164
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,678600759
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependant)	ENST00000394053	-0,67875043
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,678759593
A_23_P103310	NM_002963	S100A7	S100 calcium binding protein A7	ENST00000368723	-0,678836424
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,678920934
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,679014382
A_23_P202860	NM_024514	CYP2R1	cytochrome P450, family 2, subfamily R, polypeptide 1	ENST00000334636	-0,679022521
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,679251654
A_21_P0012521	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000416764	-0,679529965
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,679714326
A_21_P0004108	ENST00000512978	XLOC_004747		ENST00000512978	-0,679776217
A_23_P61127	NM_024122	APOO	apolipoprotein O	ENST00000490078	-0,679802521
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,679961003
A_23_P71774	NM_002176	IFNB1	interferon, beta 1, fibroblast	ENST00000380232	-0,680333056
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,680422485
A_23_P306941	NM_153615	RGL4	ral guanine nucleotide dissociation stimulator-like 4	ENST00000382833	-0,680567
A_32_P62863	NM_014575	SCHIP1	schwannomin interacting protein 1	ENST00000412423	-0,680650613
A_21_P0010499	TCONS_00040338	HOTTIP			-0,68073645
A_23_P371039	NM_002531	NTSR1	neurotensin receptor 1 (high affinity)	ENST00000370501	-0,680777085
A_23_P398566	NM_173200	NR4A3	nuclear receptor subfamily 4, group A, member 3	ENST00000330847	-0,680878855
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,680945534
A_23_P207058	NM_003955	SOCS3	suppressor of cytokine signaling 3	ENST00000330871	-0,681615704

A_21_P0001776	BC036617	XLOC_001558				-0,681694327
A_23_P109034	NM_002999	SDC4	syndecan 4		ENST00000372733	-0,681784483
A_21_P0003118	TCONS_00006511	XLOC_003125				-0,681902457
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)		ENST00000419819	-0,681914952
A_21_P0013981	ENST00000481779	CHRM3	cholinergic receptor, muscarinic 3		ENST00000481779	-0,681999831
A_23_P209129	NM_002288	LAIR2	leukocyte-associated immunoglobulin-like receptor 2		ENST00000301202	-0,682132433
A_23_P202837	NM_053056	CCND1	cyclin D1		ENST00000227507	-0,68217287
A_23_P85716	NM_021642	FCGR2A	Fc fragment of IgG, low affinity IIa, receptor (CD32)		ENST00000471026	-0,682494524
A_24_P245815	NM_020437	ASPHD2	aspartate beta-hydroxylase domain containing 2		ENST00000215906	-0,682702408
A_33_P3407256	NM_001166260	TRIP13	thyroid hormone receptor interactor 13		ENST00000512024	-0,682848513
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3		ENST00000264424	-0,682876781
A_32_P70135	NM_025138	PROSER1	proline and serine rich 1		ENST00000350125	-0,682885246
A_23_P111701	NM_004126	GNG11	guanine nucleotide binding protein (G protein), gamma 11		ENST00000248564	-0,682963708
A_23_P3532	NM_004862	LITAF	lipopolysaccharide-induced TNF factor		ENST00000381810	-0,683035814
A_23_P302568	NM_003459	SLC30A3	solute carrier family 30 (zinc transporter), member 3		ENST00000233535	-0,683077379
A_21_P0009158	ENST00000458492	XLOC_012115			ENST00000458492	-0,683080255
A_21_P0014404	ENST00000422459	LOC100506115			ENST00000422459	-0,683240897
A_23_P416774	NM_016929	CLIC5	chloride intracellular channel 5		ENST00000185206	-0,683517229
A_23_P161152	NM_014317	PDSS1	prenyl (decaprenyl) diphosphate synthase, subunit 1		ENST00000470978	-0,683535405
A_21_P0009165	ENST00000444464	XLOC_012170			ENST00000444464	-0,683786294
A_23_P202837	NM_053056	CCND1	cyclin D1		ENST00000227507	-0,684265526
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4		ENST00000307365	-0,684275129
A_23_P202881	NM_005103	FEZ1	fasciculation and elongation protein zeta 1 (zygin I)		ENST00000528863	-0,684316805
A_24_P38754	NM_018464	CISD1	CDGSH iron sulfur domain 1		ENST00000333926	-0,68437905
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset		ENST00000380152	-0,684715787
A_23_P7827	NM_001010919	FAM26F	family with sequence similarity 26, member F		ENST00000368605	-0,685020417
A_23_P97860	NM_000235	LIPA	lipase A, lysosomal acid, cholesterol esterase		ENST00000425287	-0,685233564
A_24_P245838	NM_002409	MGAT3	mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosa		ENST00000341184	-0,68538101
A_33_P3333317	NM_001008211	OPTN	optineurin		ENST00000263036	-0,68548744

A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,685713583
A_33_P3305758	NM_001747	CAPG	capping protein (actin filament), gelsolin-like	ENST00000415012	-0,685950605
A_24_P252996	NM_000804	FOLR3	folate receptor 3 (gamma)	ENST00000542161	-0,686264864
A_24_P393740	NM_001465	FYB	FYN binding protein	ENST00000351578	-0,68631892
A_24_P921321	NM_002843	PTPRJ	protein tyrosine phosphatase, receptor type, J	ENST00000278456	-0,68642885
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,686518588
A_23_P216766	NM_030940	ISCA1	iron-sulfur cluster assembly 1 homolog (<i>S. cerevisiae</i>)	ENST00000375991	-0,686533437
A_33_P3417626	NM_198573	ENHO	energy homeostasis associated	ENST00000303992	-0,686603069
A_21_P0010558	NM_001198834	PDE4DIP	phosphodiesterase 4D interacting protein	ENST00000369356	-0,686859963
A_24_P398323	NM_001003827	TRIM34	tripartite motif containing 34	ENST00000495668	-0,687089132
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,68713459
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,687305079
A_33_P3325349	NM_005723	TSPAN5	tetraspanin 5	ENST00000305798	-0,687852741
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,688006815
A_24_P788878	NM_001007595	C2CD4B	C2 calcium-dependent domain containing 4B	ENST00000380392	-0,68877015
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,68890709
A_23_P502312	NM_078481	CD97	CD97 molecule	ENST00000242786	-0,688912379
A_33_P3210343	NM_001987	ETV6	ets variant 6		-0,688948084
A_33_P3286146	NR_033652	LOC100132891	uncharacterized LOC100132891	ENST00000457356	-0,689027699
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,689553905
A_32_P74955	NM_152641	ARID2	AT rich interactive domain 2 (ARID, RFX-like)	ENST00000338636	-0,689556647
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,689690325
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,689917333
A_23_P31721	NM_001951	E2F5	E2F transcription factor 5, p130-binding	ENST00000517476	-0,689961669
A_21_P0003482	ENST00000510169	XLOC_004002		ENST00000510169	-0,689966882
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,690326344
A_21_P0012477	THC2685486	XLOC_I2_010493			-0,690660416
A_21_P0000742	NR_038266	MYLK-AS1	MYLK antisense RNA 1 (non-protein coding)		-0,690739475
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,690808514

A_23_P44724	NM_001321	CSRP2	cysteine and glycine-rich protein 2	ENST00000548783	-0,690858833
A_23_P415791	NM_020721	KIAA1210	KIAA1210	ENST00000402510	-0,690981408
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,691002235
A_23_P7361	NM_024090	ELOVL6	ELOVL fatty acid elongase 6	ENST00000394607	-0,691065768
A_24_P148811	NM_003707	RUVBL1	RuvB-like 1 (E. coli)	ENST00000417360	-0,69110646
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,691253102
A_24_P82493	NM_024819	DCAKD	dephospho-CoA kinase domain containing	ENST00000342350	-0,691616863
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,691638473
A_24_P12626	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000451122	-0,691761503
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,692032809
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,692151363
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,692156772
A_23_P166408	NM_020530	OSM	oncostatin M	ENST00000215781	-0,692283738
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,69240087
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,692599221
A_24_P388528	NM_173216	ST6GAL1	ST6 beta-galactosamide alpha-2,6-sialyltransferase 1	ENST00000470633	-0,692820755
A_32_P172848	NM_000167	GK	glycerol kinase	ENST00000471362	-0,692865161
A_23_P18579	NM_006607	PTTG2	pituitary tumor-transforming 2	ENST00000504686	-0,692967361
A_23_P108546	NR_002714	REG1P	regenerating islet-derived 1 pseudogene	ENST00000444841	-0,693041516
A_33_P3413098	NR_024618	LOC100129550	uncharacterized LOC100129550		-0,693101323
A_23_P358394	NM_015864	FAM65B	family with sequence similarity 65, member B	ENST00000378023	-0,693203029
A_33_P3309561	NM_001098503	PTPRJ	protein tyrosine phosphatase, receptor type, J	ENST00000440289	-0,693223013
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,693488671
A_21_P0005817	ENST00000523946	XLOC_007052		ENST00000523946	-0,693739331
A_23_P399078	NM_000362	TIMP3	TIMP metalloproteinase inhibitor 3	ENST00000266085	-0,693896615
A_23_P60016	NR_002734	PTTG3P	pituitary tumor-transforming 3, pseudogene		-0,693916381
A_32_P199901	NM_138382	RIPPLY1	rippy1 homolog (zebrafish)	ENST00000276173	-0,69398539
A_33_P3222917	NM_001024736	CD276	CD276 molecule	ENST00000318443	-0,694071868
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,694175459

A_21_P0001646	TCONS_00001887	XLOC_001266				-0,694189
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426		-0,694220128
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467			-0,694256282
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507		-0,694294232
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179		-0,69434212
A_23_P149529	NM_002353	TACSTD2	tumor-associated calcium signal transducer 2	ENST00000371225		-0,694403346
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932		-0,695043485
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819		-0,695105846
A_23_P217737	NM_000052	ATP7A	ATPase, Cu ⁺⁺ transporting, alpha polypeptide	ENST00000341514		-0,695354336
A_24_P12397	NM_018965	TREM2	triggering receptor expressed on myeloid cells 2	ENST00000373122		-0,69577447
A_32_P119248	NM_207305	FOXD4	forkhead box D4	ENST00000382500		-0,69615112
A_23_P347632	NM_014751	MTSS1	metastasis suppressor 1	ENST00000520771		-0,696296394
A_24_P38347	NM_001386	DPYSL2	dihydropyrimidinase-like 2	ENST00000545637		-0,696422737
A_23_P258493	NM_005573	LMNB1	lamin B1	ENST00000460265		-0,696423333
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependant)	ENST00000394053		-0,696596544
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114		-0,696601939
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927		-0,696850269
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen)	ENST00000543145		-0,696854166
A_21_P0013038	TCONS_I2_0002443	XLOC_I2_012727				-0,697198554
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365		-0,697994728
A_24_P324314	NM_001008529	MXRA7	matrix-remodelling associated 7	ENST00000375036		-0,698140822
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960		-0,698450499
A_33_P3395081	NM_017888	ACSM5	acyl-CoA synthetase medium-chain family member 5	ENST00000331849		-0,698457055
A_24_P270460	NM_005532	IFI27	interferon, alpha-inducible protein 27	ENST00000555121		-0,698480034
A_23_P106844	NM_005953	MT2A	metallothionein 2A	ENST00000245185		-0,698529607
A_23_P216225	NM_004430	EGR3	early growth response 3	ENST00000317216		-0,699055889
A_21_P0007565	ENST00000548617	XLOC_009769		ENST00000548617		-0,699157471
A_24_P120115	NM_003879	CFLAR	CASP8 and FADD-like apoptosis regulator	ENST00000340870		-0,699207239
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406		-0,699321727

A_19_P00316333	NR_038956	LOC100506714	uncharacterized LOC100506714		-0,699479764
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,699598973
A_21_P0012192	TCONS_I2_0001717	XLOC_I2_009172			-0,700128531
A_24_P58337	NM_002032	FTH1	ferritin, heavy polypeptide 1	ENST00000534719	-0,70017229
A_33_P3361891	NM_001042575	TMPRSS7	transmembrane protease, serine 7	ENST00000419127	-0,700173805
A_23_P139864	NM_031289	GSG1	germ cell associated 1	ENST00000351606	-0,700192224
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,700413272
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,700467931
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,70091153
A_33_P3397399	ENST00000394822	PPP3CB	protein phosphatase 3, catalytic subunit, beta isozyme	ENST00000394822	-0,701260843
A_23_P254507	NM_139211	HOPX	HOP homeobox	ENST00000555760	-0,701361769
A_32_P61684	NM_018440	PAG1	phosphoprotein associated with glycosphingolipid microdomains 1		-0,701372021
A_33_P3275510	NM_152504	C20orf196	chromosome 20 open reading frame 196	ENST00000303142	-0,701413846
A_24_P356916	NM_001011554	SLC13A3	solute carrier family 13 (sodium-dependent dicarboxylate tr	ENST00000279027	-0,701469902
A_23_P7853	NM_007058	CAPN11	calpain 11	ENST00000533604	-0,701496504
A_24_P64344	NM_013314	BLNK	B-cell linker	ENST00000393898	-0,701962167
A_33_P3270311	NM_020760	HECW2	HECT, C2 and WW domain containing E3 ubiquitin protein li	ENST00000260983	-0,70200905
A_23_P126593	NM_005620	S100A11	S100 calcium binding protein A11	ENST00000271638	-0,702768074
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,702777112
A_23_P73114	NM_000313	PROS1	protein S (alpha)	ENST00000394236	-0,70319472
A_33_P3411427	NM_001129730	ZNF837	zinc finger protein 837	ENST00000427624	-0,703234531
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,703272475
A_32_P210202	NM_203394	E2F7	E2F transcription factor 7	ENST00000416496	-0,703295348
A_21_P0014829	XR_132680	LOC100652760	uncharacterized LOC100652760		-0,703314372
A_33_P3356361	NR_040059	LOC100131089	uncharacterized LOC100131089		-0,703348972
A_23_P21560	NM_030797	FAM49A	family with sequence similarity 49, member A	ENST00000406434	-0,703403079
A_23_P303455	NM_153832	GPR161	G protein-coupled receptor 161	ENST00000367835	-0,703476849
A_24_P238499	NM_001012716	C18orf56	chromosome 18 open reading frame 56	ENST00000323813	-0,703575734
A_33_P3403942	NM_080721	C20orf123	chromosome 20 open reading frame 123	ENST00000279028	-0,70392607

A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,70419064
A_23_P56734	NM_006895	HNMT	histamine N-methyltransferase	ENST00000485653	-0,704244444
A_33_P3379396	NM_006121	KRT1	keratin 1	ENST00000252244	-0,704326797
A_33_P3344477	NM_001134999	FERMT2	fermitin family member 2	ENST00000343279	-0,70442363
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,704659196
A_33_P3461258	AY746436	DEFA11P	defensin, alpha 11 pseudogene		-0,704813319
A_23_P45304	NM_021083	XK	X-linked Kx blood group (McLeod syndrome)	ENST00000378616	-0,70524723
A_33_P3225522	NM_001032731	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000449768	-0,705384783
A_33_P3230254	NM_022346	NCAPG	non-SMC condensin I complex, subunit G	ENST00000251496	-0,705867286
A_33_P3354451	NM_007028	TRIM31	tripartite motif containing 31	ENST00000540829	-0,705875669
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,705923822
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,705975899
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	-0,706283024
A_24_P139191	NM_031483	ITCH	itchy E3 ubiquitin protein ligase homolog (mouse)	ENST00000374864	-0,706403047
A_24_P64167	NM_000962	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H	ENST00000362012	-0,706549092
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,706573055
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,707393176
A_24_P96403	NM_001001890	RUNX1	runt-related transcription factor 1	ENST00000344691	-0,707543675
A_23_P354288	NM_153606	FAM71A	family with sequence similarity 71, member A	ENST00000545975	-0,707591271
A_24_P286114	NM_004172	SLC1A3	solute carrier family 1 (glial high affinity glutamate transpor	ENST00000381918	-0,707871003
A_24_P354724	NM_054114	TAGAP	T-cell activation RhoGTPase activating protein	ENST00000326965	-0,707904339
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,707980652
A_33_P3306342	NM_001001922	OR52N5	olfactory receptor, family 52, subfamily N, member 5	ENST00000317093	-0,708204982
A_23_P154855	NM_000219	KCNE1	potassium voltage-gated channel, Isk-related family, memb	ENST00000416357	-0,708501099
A_23_P101671	NM_033064	ATCAY	ataxia, cerebellar, Cayman type	ENST00000450849	-0,708865044
A_23_P421423	NM_006291	TNFAIP2	tumor necrosis factor, alpha-induced protein 2	ENST00000333007	-0,709153444
A_33_P3212232	NM_001039396	MPEG1	macrophage expressed 1	ENST00000361050	-0,709343467
A_33_P3867584	NR_038863	LOC285758	uncharacterized LOC285758		-0,709498199
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,70961553

A_23_P371215	NM_012092	ICOS	inducible T-cell co-stimulator	ENST00000316386	-0,709630142
A_23_P121144	NM_144634	LYZL4	lysozyme-like 4	ENST00000470991	-0,710289505
A_23_P305198	NM_003151	STAT4	signal transducer and activator of transcription 4	ENST00000450994	-0,710295582
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,710466057
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,710473112
A_19_P00805272	NM_001145206	KIAA1671		ENST00000358431	-0,7107481
A_23_P11070	NM_032553	GPR174	G protein-coupled receptor 174	ENST00000276077	-0,710861544
A_24_P935103	NM_001116	ADCY9	adenylate cyclase 9	ENST00000294016	-0,711097161
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,711337998
A_21_P0002261	TCONS_00003800	XLOC_001595			-0,711428049
A_33_P3281572	NR_002174	CMAHP	cytidine monophospho-N-acetylneuraminic acid hydroxylas	ENST00000377993	-0,711949864
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,71218683
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,712241759
A_23_P143173	NM_032214	SLA2	Src-like-adaptor 2	ENST00000360672	-0,712426966
A_21_P0002810	XR_108518	LOC100505609	uncharacterized LOC100505609	ENST00000464537	-0,712850258
A_23_P205370	NM_016150	ASB2	ankyrin repeat and SOCS box containing 2	ENST00000553883	-0,71286021
A_21_P0000166	NM_001205281	LOC100506012	serine/threonine-protein phosphatase 5-like		-0,713023303
A_24_P217904	NM_033502	TRERF1	transcriptional regulating factor 1	ENST00000372922	-0,713131005
A_21_P0000575	NR_029193	LOC100287216	uncharacterized LOC100287216		-0,713158724
A_33_P3274416	NR_034179	LOC653712	intraflagellar transport 122 homolog (Chlamydomonas) pse	ENST00000480931	-0,713523741
A_33_P3236661	BC150296	PCDH9	protocadherin 9		-0,713918558
A_33_P3259890	NR_033932	FLJ35946	uncharacterized protein FLJ35946	ENST00000515003	-0,714107189
A_24_P14464	NM_006103	WFDC2	WAP four-disulfide core domain 2	ENST00000372676	-0,714233879
A_23_P138194	NM_000433	NCF2	neutrophil cytosolic factor 2	ENST00000392014	-0,714733976
A_23_P206901	NM_017668	NDE1	nudE nuclear distribution gene E homolog 1 (A. nidulans)	ENST00000396355	-0,714751706
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,715092815
A_21_P0005725	TCONS_00014766	XLOC_006849			-0,715180978
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,715341853
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,715510517

A_24_P350576	NM_015028	TNIK	TRAF2 and NCK interacting kinase	ENST00000369326	-0,715864094
A_23_P218770	NM_002872	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, small GTP-binding protein)	ENST00000249071	-0,715958656
A_32_P128258	NR_002804	SIGLECP3	sialic acid binding Ig-like lectin, pseudogene 3		-0,716348326
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,71673345
A_21_P0001475	ENST00000455966	XLOC_000732		ENST00000455966	-0,717678537
A_23_P204158	NM_032814	RNFT2	ring finger protein, transmembrane 2	ENST00000547718	-0,717818986
A_19_P00317412	NR_038842	LOC728431	uncharacterized LOC728431	ENST00000424989	-0,717884915
A_21_P0013589	XR_108989	LOC100507540	uncharacterized LOC100507540		-0,718007821
A_33_P3242883	NM_005222	DLX6	distal-less homeobox 6	ENST00000518156	-0,718221989
A_23_P253321	NM_006228	PNOC	prepronociceptin	ENST00000301908	-0,71833125
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,71841209
A_23_P406025	NM_015225	PRUNE2	prune homolog 2 (Drosophila)	ENST00000428286	-0,718418795
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,718801274
A_33_P3242623	NM_014331	SLC7A11	solute carrier family 7 (anionic amino acid transporter light chain)	ENST00000280612	-0,718833048
A_21_P0009753	THC2527567	XLOC_013282			-0,719303333
A_23_P255618	NM_080723	NRSN1	neurensin 1	ENST00000378491	-0,719313117
A_33_P3240632	NM_001136271	NKX2-6	NK2 homeobox 6	ENST00000325017	-0,719918941
A_24_P13715	NM_147188	FBXO22	F-box protein 22	ENST00000308275	-0,720049726
A_24_P588897	NM_013272	SLCO3A1	solute carrier organic anion transporter family, member 3A	ENST00000318445	-0,720460545
A_24_P345679	NM_001195432	MLF1	myeloid leukemia factor 1	ENST00000355893	-0,720544431
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,720675323
A_33_P3330872	NM_078629	MSL3	male-specific lethal 3 homolog (Drosophila)	ENST00000380692	-0,720706721
A_23_P100386	NM_152456	IL34	interleukin 34	ENST00000429149	-0,720833369
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,720920796
A_21_P0002772	AK097380	CHST2	carbohydrate (N-acetylglucosamine-6-O) sulfotransferase 2	ENST00000465880	-0,721557276
A_33_P3352827	NM_003037	SLAMF1	signaling lymphocytic activation molecule family member 1	ENST00000355199	-0,721733621
A_33_P3715843	BC032242	MGC40069	uncharacterized protein MGC40069		-0,721764287
A_33_P3323718	NM_001008224	UACA	uveal autoantigen with coiled-coil domains and ankyrin repeats	ENST00000379983	-0,721920298
A_21_P0007606	TCONS_00020518	XLOC_009836			-0,721948482

A_33_P3211432	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000289473	-0,721968141
A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693	-0,722780732
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,722798263
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,723200288
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,723210301
A_24_P370472	NM_021983	HLA-DRB4	major histocompatibility complex, class II, DR beta 4	ENST00000411959	-0,723218112
A_23_P139687	NM_152321	ERP27	endoplasmic reticulum protein 27	ENST00000266397	-0,723478878
A_24_P176493	NM_015251	ATMIN	ATM interactor	ENST00000299575	-0,724323994
A_23_P131789	NM_001725	BPI	bactericidal/permeability-increasing protein	ENST00000489102	-0,72440036
A_24_P69053	NM_001080477	ODZ3	odz, odd Oz/ten-m homolog 3 (Drosophila)	ENST00000406950	-0,724686423
A_23_P401547	NM_015480	PVRL3	poliovirus receptor-related 3	ENST00000319792	-0,724830717
A_33_P3382162	NM_000449	RFX5	regulatory factor X, 5 (influences HLA class II expression)	ENST00000368870	-0,725002137
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,725147095
A_23_P4082	NM_006584	CCT6B	chaperonin containing TCP1, subunit 6B (zeta 2)	ENST00000436961	-0,725249331
A_23_P344555	NM_006403	NEDD9	neural precursor cell expressed, developmentally down-reg	ENST00000448183	-0,725466687
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,725493484
A_23_P357881	NM_172102	CD8B	CD8b molecule	ENST00000416057	-0,725562228
A_24_P256692	NM_198551	MIA3	melanoma inhibitory activity family, member 3	ENST00000344441	-0,725711334
A_24_P260101	NM_007289	MME	membrane metallo-endopeptidase	ENST00000460393	-0,725947502
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,726181221
A_33_P3266674	NM_025224	ZBTB46	zinc finger and BTB domain containing 46	ENST00000302995	-0,726451041
A_23_P155848	NM_014421	DKK2	dickkopf 2 homolog (Xenopus laevis)	ENST00000285311	-0,726659562
A_33_P3319870	NM_001191323	GREM1	gremlin 1	ENST00000322805	-0,726765557
A_33_P3271111	NM_004148	NINJ1	ninjurin 1	ENST00000489274	-0,726887303
A_23_P58132	NM_004310	RHOH	ras homolog gene family, member H	ENST00000381799	-0,726901638
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,727420324
A_23_P41194	NM_153353	LRRC34	leucine rich repeat containing 34	ENST00000522329	-0,727547188
A_21_P0000631	NR_034079	LOC643733	caspase 4, apoptosis-related cysteine peptidase pseudogen	ENST00000531091	-0,727794649
A_19_P00320173	ENST00000382488	XLOC_l2_010565		ENST00000382488	-0,727942827

A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,728209898
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,728281284
A_24_P943997	NM_178815	ARL5B	ADP-ribosylation factor-like 5B	ENST00000377275	-0,728454191
A_21_P0002493	THC2716004	XLOC_002277			-0,72860668
A_33_P3258452	NM_020375	C12orf5	chromosome 12 open reading frame 5		-0,729704763
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,729764157
A_21_P0014727	NR_040671	LOC100288198	uncharacterized LOC100288198		-0,729850512
A_21_P0006726	ENST00000418372	XLOC_008700		ENST00000418372	-0,729921147
A_24_P12435	NM_181782	NCOA7	nuclear receptor coactivator 7	ENST00000368357	-0,730230461
A_33_P3278362	NM_020349	ANKRD2	ankyrin repeat domain 2 (stretch responsive muscle)	ENST00000307518	-0,730319521
A_19_P00316743	NR_027103	LOC285375	uncharacterized LOC285375	ENST00000419618	-0,730726825
A_33_P3277988	NM_000629	IFNAR1	interferon (alpha, beta and omega) receptor 1	ENST00000270139	-0,73094938
A_23_P116653	NM_138722	BCL2L14	BCL2-like 14 (apoptosis facilitator)	ENST00000396369	-0,731294916
A_23_P216894	NM_001006617	MAPKAP1	mitogen-activated protein kinase associated protein 1	ENST00000373505	-0,731424234
A_24_P153568	NM_001039396	MPEG1	macrophage expressed 1	ENST00000361050	-0,732006967
A_23_P403588	NM_017944	USP47	ubiquitin specific peptidase 47	ENST00000305481	-0,732141172
A_24_P317907	NM_001034954	SORBS1	sorbin and SH3 domain containing 1	ENST00000371247	-0,732149234
A_33_P3384871	NM_001142522	FBXO5	F-box protein 5	ENST00000477822	-0,732381861
A_21_P0009401	TCONS_00026020	XLOC_012360			-0,732455856
A_33_P3282566	NM_017728	TMEM104	transmembrane protein 104	ENST00000335464	-0,73279882
A_23_P156667	NM_002714	PPP1R10	protein phosphatase 1, regulatory subunit 10	ENST00000376511	-0,732965037
A_19_P00318323	NR_015410	LINC00340	long intergenic non-protein coding RNA 340		-0,733086076
A_21_P0001164	ENST00000415166	XLOC_000955		ENST00000415166	-0,733169906
A_23_P154849	NM_138983	OLIG1	oligodendrocyte transcription factor 1	ENST00000426947	-0,733182366
A_23_P312920	NM_006235	POU2AF1	POU class 2 associating factor 1	ENST00000393067	-0,733291456
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,73336545
A_33_P3389704	NM_001266	CES1	carboxylesterase 1	ENST00000422046	-0,733569335
A_23_P23074	NM_006417	IFI44	interferon-induced protein 44	ENST00000485662	-0,733771513
A_21_P0004845	TCONS_00011705	XLOC_005183			-0,734031477

A_23_P156826	NM_032744	C6orf105	chromosome 6 open reading frame 105	ENST00000514824	-0,734134096
A_24_P68783	NM_012275	IL36RN	interleukin 36 receptor antagonist	ENST00000393200	-0,734219667
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,734226453
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,734259026
A_21_P0002208	TCONS_00003664	XLOC_001454			-0,734316865
A_23_P257971	NM_001353	AKR1C1	aldo-keto reductase family 1, member C1 (dihydrodiol dehy	ENST00000460124	-0,734671539
A_23_P380857	NM_030643	APOL4	apolipoprotein L, 4	ENST00000479929	-0,734785106
A_24_P227927	NM_181078	IL21R	interleukin 21 receptor	ENST00000337929	-0,734820925
A_23_P321388	NM_153341	RNF19B	ring finger protein 19B	ENST00000405457	-0,734887433
A_33_P3304372	NM_018342	TMEM144	transmembrane protein 144	ENST00000511532	-0,734973111
A_33_P3375766	NM_139137	KCNC2	potassium voltage-gated channel, Shaw-related subfamily, i	ENST00000350228	-0,735250743
A_19_P00802257	NR_038842	LOC728431	uncharacterized LOC728431	ENST00000424989	-0,735379251
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,735774543
A_24_P347378	NM_001629	ALOX5AP	arachidonate 5-lipoxygenase-activating protein	ENST00000380490	-0,736182009
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,736511821
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,736560759
A_23_P388190	NM_033081	DIDO1	death inducer-obliterator 1	ENST00000461792	-0,736844864
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,736952697
A_33_P3409944	NM_005272	GNAT2	guanine nucleotide binding protein (G protein), alpha trans	ENST00000351050	-0,737140448
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,73717968
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,737363761
A_33_P3279431	NM_001007024	GOSR1	golgi SNAP receptor complex member 1	ENST00000414833	-0,73746189
A_24_P290751	NM_004416	DTX1	deltex homolog 1 (Drosophila)	ENST00000547974	-0,737811756
A_21_P0003036	TCONS_00006248	XLOC_002841			-0,738470699
A_33_P3304668	NM_000088	COL1A1	collagen, type I, alpha 1	ENST00000225964	-0,738661645
A_23_P147025	NM_004794	RAB33A	RAB33A, member RAS oncogene family	ENST00000257017	-0,738895821
A_23_P70785	NM_001624	AIM1	absent in melanoma 1	ENST00000369066	-0,739149677
A_21_P0011035	ENST00000537616	XLOC_l2_002886		ENST00000537616	-0,739681064
A_23_P114740	NM_000186	CFH	complement factor H	ENST00000466229	-0,74004281

A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,74064416
A_23_P421306	NM_177963	SYT12	synaptotagmin XII	ENST00000393946	-0,741482167
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,741683702
A_33_P3335571	NR_029192	LOC100133315	transient receptor potential cation channel, subfamily C, member 1	ENST00000532852	-0,741763169
A_23_P69383	NM_031458	PARP9	poly (ADP-ribose) polymerase family, member 9	ENST00000452457	-0,742025057
A_23_P50096	NM_001071	TYMS	thymidylate synthetase	ENST00000323274	-0,742030673
A_23_P18692	NM_000671	ADH5	alcohol dehydrogenase 5 (class III), chi polypeptide	ENST00000296412	-0,742304381
A_33_P3248982	NM_012306	FAIM2	Fas apoptotic inhibitory molecule 2	ENST00000320634	-0,742574124
A_23_P114883	NM_002023	FMOD	fibromodulin	ENST00000354955	-0,743126043
A_21_P0010209	ENST00000431150	XLOC_014097		ENST00000431150	-0,743448833
A_23_P121064	NM_002852	PTX3	pentraxin 3, long	ENST00000295927	-0,743458105
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,743539547
A_21_P0010605	TCONS_I2_0000107;XLOC_I2_000804				-0,743875938
A_33_P3389653	NM_001165899	PDE4D	phosphodiesterase 4D, cAMP-specific	ENST00000356665	-0,744278266
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,744591795
A_23_P100386	NM_152456	IL34	interleukin 34	ENST00000429149	-0,744658785
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,74466166
A_23_P250358	NM_017912	HERC6	hect domain and RLD 6	ENST00000511939	-0,744958316
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,745098829
A_33_P3734378	NR_027118	LOC285954	uncharacterized LOC285954	ENST00000415848	-0,745403671
A_23_P82523	NM_000927	ABCB1	ATP-binding cassette, sub-family B (MDR/TAP), member 1	ENST00000475929	-0,745469974
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,745861184
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,745952751
A_23_P200138	NM_020125	SLAMF8	SLAM family member 8	ENST00000289707	-0,74599368
A_32_P176911	NR_026774	LINC00239	long intergenic non-protein coding RNA 239	ENST00000556973	-0,746152975
A_23_P69310	NM_003965	CCRL2	chemokine (C-C motif) receptor-like 2	ENST00000400882	-0,746173083
A_21_P0014880	XR_132792	LOC100652751	uncharacterized LOC100652751		-0,746681097
A_33_P3352877	NM_015087	SPG20	spastic paraplegia 20 (Troyer syndrome)	ENST00000423217	-0,746725772
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,746959174

A_33_P3832872	NR_033995	LOC389247	uncharacterized LOC389247		-0,747018659
A_21_P0007545	TCONS_00020388	XLOC_009723			-0,747034532
A_33_P3226835	NM_025052	YSK4	YSK4 Sps1/Ste20-related kinase homolog (<i>S. cerevisiae</i>)	ENST00000392917	-0,747062058
A_23_P45099	NM_002125	HLA-DRB5	major histocompatibility complex, class II, DR beta 5	ENST00000374975	-0,747073222
A_33_P3277373	NM_020530	OSM	oncostatin M	ENST00000215781	-0,747744458
A_21_P0001647	ENST00000549744	XLOC_001266		ENST00000549744	-0,747870142
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,748288136
A_23_P218068	NM_019012	PLEKHA5	pleckstrin homology domain containing, family A member 5	ENST00000542828	-0,748515712
A_24_P277657	NM_006877	GMPR	guanosine monophosphate reductase	ENST00000540478	-0,749501085
A_23_P419714	NM_001018072	BTBD11	BTB (POZ) domain containing 11	ENST00000280758	-0,749564196
A_23_P41424	NM_022154	SLC39A8	solute carrier family 39 (zinc transporter), member 8	ENST00000394833	-0,750044835
A_21_P0007790	THC2671543	XLOC_010245			-0,750276418
A_24_P239606	NM_015675	GADD45B	growth arrest and DNA-damage-inducible, beta	ENST00000215631	-0,750473208
A_23_P157865	NM_002160	TNC	tenascin C	ENST00000350763	-0,750806061
A_23_P360754	NM_005099	ADAMTS4	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000367996	-0,750831875
A_23_P379200	NM_175736	FMNL3	formin-like 3	ENST00000335154	-0,75089017
A_23_P819	NM_005101	ISG15	ISG15 ubiquitin-like modifier	ENST00000379389	-0,751094567
A_21_P0010405	THC2613584	XLOC_014192			-0,751310353
A_23_P306890	NM_007195	POLI	polymerase (DNA directed) iota	ENST00000217800	-0,751375654
A_23_P153562	NM_001736	C5AR1	complement component 5a receptor 1	ENST00000355085	-0,751517673
A_23_P152782	NM_005533	IFI35	interferon-induced protein 35	ENST00000538473	-0,751686426
A_23_P113777	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)	ENST00000376162	-0,752455486
A_32_P132317	NM_001033045	GPR155	G protein-coupled receptor 155	ENST00000392552	-0,752722267
A_23_P19816	NM_030936	RNF32	ring finger protein 32	ENST00000405335	-0,752843167
A_24_P233488	NM_002309	LIF	leukemia inhibitory factor (cholinergic differentiation factor)	ENST00000249075	-0,752886277
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,753856257
A_23_P256948	NM_005098	MSC	musculin	ENST00000325509	-0,754096508
A_33_P3284129	NM_144586	LYPD1	LY6/PLAUR domain containing 1	ENST00000397463	-0,754280772
A_23_P111701	NM_004126	GNG11	guanine nucleotide binding protein (G protein), gamma 11	ENST00000248564	-0,754598307

A_24_P353638	NM_021181	SLAMF7	SLAM family member 7	ENST00000466792	-0,754603558
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,754608381
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,754612243
A_21_P0001876	ENST00000415138	XLOC_001517		ENST00000415138	-0,754678822
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	-0,754716471
A_24_P362193	NM_003874	CD84	CD84 molecule	ENST00000368047	-0,755311142
A_23_P9523	NM_022128	RBKS	ribokinase	ENST00000449378	-0,75546202
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,755789948
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,755957981
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,756034299
A_23_P107454	NM_031958	KRTAP3-1	keratin associated protein 3-1	ENST00000391588	-0,75608548
A_24_P122921	NM_138621	BCL2L11	BCL2-like 11 (apoptosis facilitator)		-0,756129188
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,756575808
A_21_P0002570	TCONS_00004689	XLOC_001331			-0,75680322
A_24_P261169	NM_006378	SEMA4D	sema domain, immunoglobulin domain (Ig), transmembrane protein, semaphorin 4D	ENST00000422704	-0,756818176
A_33_P3294237	NM_005955	MTF1	metal-regulatory transcription factor 1		-0,756951004
A_33_P3228828	ENST00000531326	PTPN11	protein tyrosine phosphatase, non-receptor type 11	ENST00000531326	-0,756978891
A_23_P35219	NM_002497	NEK2	NIMA (never in mitosis gene a)-related kinase 2	ENST00000462283	-0,757242671
A_23_P216340	NM_001045556	SLA	Src-like-adaptor	ENST00000338087	-0,757369288
A_21_P0008511	THC2682134	XLOC_010811			-0,757487768
A_33_P3361741	NM_013238	DNAJC15	DnaJ (Hsp40) homolog, subfamily C, member 15		-0,757488301
A_33_P3423440	NM_001130913	ZNF720	zinc finger protein 720	ENST00000316491	-0,757664346
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	-0,757887583
A_33_P3240532	NM_015149	RGL1	regulator of G-protein signaling 1	ENST00000367531	-0,758081116
A_24_P393372	NM_001100913	PACS2	phosphofurin acidic cluster sorting protein 2	ENST00000447393	-0,758243929
A_33_P3340655	NM_052904	KLHL32	kelch-like 32 (Drosophila)	ENST00000369255	-0,758535955
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,758583813
A_23_P113793	NM_024508	ZBED2	zinc finger, BED-type containing 2	ENST00000317012	-0,758592002
A_23_P42353	NM_016135	ETV7	ets variant 7	ENST00000339796	-0,759223432

A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,759266052
A_33_P3309556	NM_006504	PTPRE	protein tyrosine phosphatase, receptor type, E		-0,759391282
A_23_P101246	NM_001163922	VSIG10L	V-set and immunoglobulin domain containing 10 like	ENST00000335624	-0,759553337
A_21_P0006078	CR627148	XLOC_007710			-0,759650877
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,759884651
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,760009279
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,760537312
A_23_P344568	NM_145019	FAM124A	family with sequence similarity 124A	ENST00000280057	-0,760928571
A_21_P0013960	XM_003118581	LOC100507508	uncharacterized LOC100507508	ENST00000441971	-0,760962624
A_33_P3335506	ENST00000368190	FCRL5	Fc receptor-like 5	ENST00000368190	-0,760984314
A_21_P0003901	ENST00000505454	XLOC_004091		ENST00000505454	-0,761183122
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,761183221
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,761346809
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,761738247
A_23_P62659	NM_000310	PPT1	palmitoyl-protein thioesterase 1	ENST00000433473	-0,761909266
A_23_P34345	NM_001078	VCAM1	vascular cell adhesion molecule 1	ENST00000370119	-0,762030356
A_23_P218412	NM_004890	SPAG7	sperm associated antigen 7	ENST00000206020	-0,762056753
A_24_P48204	NM_003004	SECTM1	secreted and transmembrane 1	ENST00000269389	-0,762180996
A_19_P00326178	NM_033109	PNPT1	polyribonucleotide nucleotidyltransferase 1		-0,762197243
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,762523726
A_21_P0005166	TCONS_00012732	XLOC_005737			-0,7625841
A_24_P942604	NM_006306	SMC1A	structural maintenance of chromosomes 1A	ENST00000322213	-0,76260396
A_21_P0012594	NR_038303	LOC100505702	uncharacterized LOC100505702		-0,762708672
A_24_P131066	NM_004258	CD101	CD101 molecule	ENST00000369470	-0,762890989
A_33_P3272390	NM_006267	RANBP2	RAN binding protein 2	ENST00000283195	-0,763133855
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,763213923
A_23_P52647	NM_006795	EHD1	EH-domain containing 1	ENST00000359393	-0,76345467
A_21_P0014031	NM_001123066	MAPT	microtubule-associated protein tau	ENST00000354326	-0,76381179
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,763831982

A_21_P0001688	TCONS_00002073	XLOC_000264				-0,763860917
A_33_P3286739	ENST00000343281	N4BP2L1	NEDD4 binding protein 2-like 1		ENST00000343281	-0,764016478
A_33_P3226080	NM_207103	C17orf87	chromosome 17 open reading frame 87		ENST00000399600	-0,764148269
A_33_P3373459	NM_018641	CHST12	carbohydrate (chondroitin 4) sulfotransferase 12		ENST00000258711	-0,764323004
A_21_P0013701	AK095210	XLOC_I2_014850				-0,7644595
A_23_P25566	NM_004951	GPR183	G protein-coupled receptor 183		ENST00000376414	-0,764543042
A_23_P113777	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)		ENST00000376162	-0,764703558
A_23_P42909	NM_153345	TMEM139	transmembrane protein 139		ENST00000409244	-0,764753061
A_23_P438	NM_017773	LAX1	lymphocyte transmembrane adaptor 1		ENST00000442561	-0,764760478
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2		ENST00000491179	-0,764848074
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta		ENST00000326010	-0,765061097
A_23_P140384	NM_001911	CTSG	cathepsin G		ENST00000216336	-0,765196222
A_23_P212655	NM_130446	KLHL6	kelch-like 6 (Drosophila)		ENST00000468734	-0,765399012
A_23_P106973	NM_006640	Sep-09	septin 9		ENST00000329047	-0,765493666
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b		ENST00000521597	-0,765848245
A_24_P132624	NM_018376	NIPSNAP3B	nipsnap homolog 3B (C. elegans)		ENST00000461177	-0,766152463
A_33_P3610406	NR_028501	ECEL1P2	endothelin converting enzyme-like 1, pseudogene 2		ENST00000461596	-0,766407974
A_23_P106973	NM_006640	Sep-09	septin 9		ENST00000329047	-0,766577685
A_23_P26771	NM_006678	CD300C	CD300c molecule		ENST00000330793	-0,766760733
A_33_P3264846	NM_152703	SAMD9L	sterile alpha motif domain containing 9-like		ENST00000394472	-0,76676549
A_24_P252945	NM_032966	CXCR5	chemokine (C-X-C motif) receptor 5		ENST00000292174	-0,766998341
A_23_P23947	NM_005204	MAP3K8	mitogen-activated protein kinase kinase kinase 8		ENST00000263056	-0,767277769
A_24_P344516	NR_003578	ZNF702P	zinc finger protein 702, pseudogene		ENST00000270443	-0,767517461
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34		ENST00000535368	-0,767539408
A_21_P0011017	TCONS_I2_0000518	XLOC_I2_002767				-0,767756897
A_23_P100386	NM_152456	IL34	interleukin 34		ENST00000429149	-0,767798926
A_33_P3253394	NM_002287	LAIR1	leukocyte-associated immunoglobulin-like receptor 1			-0,767924822
A_32_P117354	NM_014988	LIMCH1	LIM and calponin homology domains 1		ENST00000512946	-0,768631604
A_21_P0004271	ENST00000508366	ATP6AP1L	ATPase, H ⁺ transporting, lysosomal accessory protein 1-like		ENST00000508366	-0,768884387

A_23_P16953	NM_000867	HTR2B	5-hydroxytryptamine (serotonin) receptor 2B	ENST00000540289	-0,768924311
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,769670482
A_24_P192262	NM_005402	RALA	v-ral simian leukemia viral oncogene homolog A (ras related)	ENST00000005257	-0,770321547
A_33_P3262575	NM_018842	BAIAP2L1	BAI1-associated protein 2-like 1	ENST00000005260	-0,770923461
A_32_P456318	NM_080743	SRSF12	serine/arginine-rich splicing factor 12	ENST00000452027	-0,771098064
A_33_P3309289	AK021929	ST3GAL4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4		-0,771222374
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,77146789
A_33_P3424067	NM_017635	SUV420H1	suppressor of variegation 4-20 homolog 1 (Drosophila)	ENST00000304363	-0,771722092
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,771873361
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,771961694
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-0,772071137
A_32_P59010	NM_207381	TNFAIP8L3	tumor necrosis factor, alpha-induced protein 8-like 3	ENST00000327536	-0,772216673
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,772322786
A_19_P00801649	XR_132670	LOC100652730	uncharacterized LOC100652730	ENST00000412500	-0,772506531
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	-0,772614018
A_21_P0005189	XR_108720	LOC100507642	uncharacterized LOC100507642		-0,772628721
A_23_P379475	NM_014762	DHCR24	24-dehydrocholesterol reductase	ENST00000371269	-0,772976733
A_24_P319647	NM_030764	FCRL2	Fc receptor-like 2	ENST00000392274	-0,773358218
A_24_P784765	NM_203330	CD59	CD59 molecule, complement regulatory protein		-0,774094437
A_23_P70007	NM_012484	HMMR	hyaluronan-mediated motility receptor (RHAMM)	ENST00000393915	-0,77417298
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,774305639
A_33_P3412900	NM_001039771	CBLN3	cerebellin 3 precursor	ENST00000267406	-0,77438706
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,774647393
A_33_P3345210	NM_001164407	TLCD2	TLC domain containing 2	ENST00000330676	-0,774819228
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,774875741
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,775349907
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,775478061
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,775619708
A_23_P95790	NM_017625	ITLN1	intelectin 1 (galactofuranose binding)	ENST00000326245	-0,775711403

A_19_P00809708	NR_027046	LOC145474	uncharacterized LOC145474		-0,775883881
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,776135396
A_21_P0013122	BC039678	XLOC_I2_012378			-0,776220212
A_24_P18146	NM_015310	PSD3	pleckstrin and Sec7 domain containing 3	ENST00000286485	-0,776240005
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,776479272
A_33_P3296181	NM_001001437	CCL3L3	chemokine (C-C motif) ligand 3-like 3	ENST00000394484	-0,777133252
A_24_P188447	NM_021952	ELAVL4	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4	ENST00000357083	-0,777169058
A_33_P3367301	NM_152219	GJD3	gap junction protein, delta 3, 31.9kDa		-0,777267276
A_23_P18684	NM_004362	CLGN	calmegin	ENST00000545667	-0,777294715
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,777369838
A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693	-0,777395995
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,777579267
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,777801929
A_33_P3241681	NM_003948	CDKL2	cyclin-dependent kinase-like 2 (CDC2-related kinase)		-0,77793912
A_32_P108254	NM_017565	FAM20A	family with sequence similarity 20, member A	ENST00000375556	-0,778133922
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,778283247
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,778846365
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,778901075
A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693	-0,778946654
A_24_P945113	NM_000020	ACVRL1	activin A receptor type II-like 1	ENST00000550683	-0,779021218
A_33_P3326767	XR_110123	LOC100129597	uncharacterized LOC100129597		-0,779086731
A_23_P99360	NM_213590	TRIM13	tripartite motif containing 13	ENST00000378182	-0,779874451
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,77994692
A_23_P329261	NM_000891	KCNJ2	potassium inwardly-rectifying channel, subfamily J, member 2	ENST00000243457	-0,780163367
A_19_P00809368	THC2631297	XLOC_002749			-0,780383437
A_33_P3281567	NR_002174	CMAHP	cytidine monophospho-N-acetylneuraminic acid hydroxylase	ENST00000490939	-0,780446498
A_24_P937306	ENST00000380291	AP1S2	adaptor-related protein complex 1, sigma 2 subunit	ENST00000380291	-0,780902061
A_33_P3240787	XR_108893	LOC100131910	uncharacterized LOC100131910		-0,781064273
A_24_P206343	NM_033054	MYO1G	myosin IG	ENST00000488554	-0,781138964

A_33_P3313810	NM_001971	CELA1	chymotrypsin-like elastase family, member 1	ENST00000293636	-0,781545214
A_23_P65983	NM_033212	CCDC102A	coiled-coil domain containing 102A	ENST00000258214	-0,781663876
A_23_P129717	NM_080663	ERI2	ERI1 exoribonuclease family member 2	ENST00000300005	-0,781728213
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,781743024
A_24_P276576	NM_032738	FCRLA	Fc receptor-like A	ENST00000367950	-0,782271577
A_24_P68908	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000423298	-0,782397205
A_23_P62642	NM_012337	CCDC19	coiled-coil domain containing 19	ENST00000475911	-0,78240245
A_23_P113777	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)	ENST00000376162	-0,78258065
A_33_P3251796	NM_014317	PDSS1	prenyl (decaprenyl) diphosphate synthase, subunit 1	ENST00000396343	-0,782703025
A_21_P0011496	NM_001025195	CES1	carboxylesterase 1	ENST00000360526	-0,782713261
A_23_P206920	NM_001040114	MYH11	myosin, heavy chain 11, smooth muscle	ENST00000396324	-0,783275317
A_24_P396167	NM_001335	CTSW	cathepsin W	ENST00000307886	-0,78327825
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,783398753
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,783426647
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,78363676
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,783750434
A_33_P3293202	NM_177965	C8orf37	chromosome 8 open reading frame 37	ENST00000286688	-0,784000354
A_24_P215765	NM_024490	ATP10A	ATPase, class V, type 10A	ENST00000555815	-0,78405118
A_19_P00322655	NR_036444	LOC400550	uncharacterized LOC400550		-0,784221141
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,78445318
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,784502636
A_23_P29723	NM_001012410	SGOL1	shugoshin-like 1 (S. pombe)	ENST00000383774	-0,784884602
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,785076798
A_23_P113777	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)	ENST00000376162	-0,785369146
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,785497376
A_23_P38795	NM_002029	FPR1	formyl peptide receptor 1	ENST00000304748	-0,785660783
A_19_P00317953	XR_111691	LOC100508196	uncharacterized LOC100508196		-0,785945604
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-0,785963616
A_24_P71904	NM_000860	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)	ENST00000296522	-0,786188059

A_32_P213330	NM_001177693	RGNEF	190 kDa guanine nucleotide exchange factor	ENST00000296794	-0,786215019
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,786750048
A_21_P0013512	THC2568453	XLOC_I2_014504			-0,786825327
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,787122658
A_21_P0006566	THC2649084	XLOC_008033			-0,787474068
A_21_P0008074	TCONS_00021814	XLOC_010415			-0,787723657
A_33_P3318606	BC034544	SHC2	SHC (Src homology 2 domain containing) transforming protein 2		-0,788766896
A_33_P3337931	ENST00000529945	PDE4DIP	phosphodiesterase 4D interacting protein	ENST00000529945	-0,789112102
A_23_P340848	NM_000960	PTGIR	prostaglandin I2 (prostacyclin) receptor (IP)	ENST00000291294	-0,789295166
A_33_P3370449	NM_152413	GOT1L1	glutamic-oxaloacetic transaminase 1-like 1	ENST00000307599	-0,789392008
A_21_P0006823	TCONS_00017776	XLOC_008370			-0,789885559
A_23_P17354	NM_024034	GDAP1L1	ganglioside-induced differentiation-associated protein 1-like	ENST00000438466	-0,790037691
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,790249661
A_21_P0014461	XR_109940	LOC100506934	uncharacterized LOC100506934		-0,790351008
A_23_P145863	NM_005620	S100A11	S100 calcium binding protein A11	ENST00000271638	-0,790526962
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,790792813
A_24_P33895	NM_001040619	ATF3	activating transcription factor 3	ENST00000366983	-0,791425288
A_23_P38468	NM_014604	TAX1BP3	Tax1 (human T-cell leukemia virus type I) binding protein 3	ENST00000550383	-0,791485186
A_21_P0008150	THC2651391	XLOC_010585			-0,791493003
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,791702024
A_33_P3342126	NM_020226	PRDM8	PR domain containing 8	ENST00000415738	-0,792360468
A_23_P421401	NM_002609	PDGFRB	platelet-derived growth factor receptor, beta polypeptide	ENST00000544453	-0,792578273
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,792830987
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,792945544
A_33_P3232552	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,793044472
A_32_P131031	NM_182762	MACC1	metastasis associated in colon cancer 1	ENST00000332878	-0,793274977
A_23_P6381	NM_002430	MN1	meningioma (disrupted in balanced translocation) 1	ENST00000302326	-0,79330873
A_23_P304682	NM_001424	EMP2	epithelial membrane protein 2	ENST00000359543	-0,793405775
A_33_P3415032	NM_002232	KCNA3	potassium voltage-gated channel, shaker-related subfamily, member 3	ENST00000369769	-0,793430819

A_19_P00317023	AK129745	Q6IHG2			-0,793636606
A_21_P0010978	AF001893	NEAT1	nuclear paraspeckle assembly transcript 1 (non-protein coding)		-0,793804988
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,793911379
A_23_P215070	NM_018718	CEP41	centrosomal protein 41kDa	ENST00000223208	-0,79396081
A_33_P3228305	NM_015071	ARHGAP26	Rho GTPase activating protein 26	ENST00000378004	-0,79455662
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,794679283
A_32_P162374	NM_173529	C18orf54	chromosome 18 open reading frame 54	ENST00000300091	-0,795400514
A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693	-0,796039903
A_33_P3223002	NM_018485	GPR77	G protein-coupled receptor 77	ENST00000257267	-0,796078118
A_23_P203376	NM_152852	MS4A6A	membrane-spanning 4-domains, subfamily A, member 6A	ENST00000323961	-0,796303388
A_24_P37409	NM_004418	DUSP2	dual specificity phosphatase 2	ENST00000488952	-0,796890809
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,796901286
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,797583152
A_33_P3212109	NM_016356	DCDC2	doublecortin domain containing 2	ENST00000378450	-0,797801282
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,798246913
A_21_P0003040	TCONS_00006262	XLOC_002865			-0,798621236
A_23_P208293	NM_001042724	PVRL2	poliovirus receptor-related 2 (herpesvirus entry mediator B	ENST00000252483	-0,799302402
A_23_P37410	NM_031226	CYP19A1	cytochrome P450, family 19, subfamily A, polypeptide 1	ENST00000541721	-0,799724908
A_23_P91390	NM_000361	THBD	thrombomodulin	ENST00000503590	-0,799856071
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,800076308
A_24_P117029	NM_000527	LDLR	low density lipoprotein receptor	ENST00000252444	-0,800372942
A_23_P152406	NM_032330	CAPNS2	calpain, small subunit 2	ENST00000457326	-0,800567142
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,800745736
A_32_P18440	NM_032199	ARID5B	AT rich interactive domain 5B (MRF1-like)	ENST00000279873	-0,800748694
A_23_P151368	NM_174928	N6AMT2	N-6 adenine-specific DNA methyltransferase 2 (putative)	ENST00000382754	-0,800837122
A_33_P3379268	NM_207103	C17orf87	chromosome 17 open reading frame 87	ENST00000399592	-0,801076017
A_33_P3226832	NM_001993	F3	coagulation factor III (thromboplastin, tissue factor)	ENST00000370207	-0,801109623
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,801219763
A_21_P0010222	TCONS_00028969	XLOC_013866			-0,801338512

A_23_P34915	NM_001040619	ATF3	activating transcription factor 3	ENST00000366987	-0,801356302
A_33_P3423941	NM_003641	IFITM1	interferon induced transmembrane protein 1 (9-27)	ENST00000408968	-0,801499971
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,802101524
A_23_P425304	NM_016169	SUFU	suppressor of fused homolog (Drosophila)	ENST00000369902	-0,802265102
A_23_P4714	NM_006533	MIA	melanoma inhibitory activity	ENST00000263369	-0,802796803
A_21_P0004779	ENST00000417932	XLOC_005851		ENST00000417932	-0,803051446
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,80367941
A_33_P3351371	NM_031226	CYP19A1	cytochrome P450, family 19, subfamily A, polypeptide 1	ENST00000405011	-0,803757943
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,803778477
A_23_P46871	NM_018344	SLC29A3	solute carrier family 29 (nucleoside transporters), member 3	ENST00000373189	-0,804090063
A_21_P0012671	TCONS_I2_0002119;XLOC_I2_011173				-0,804114381
A_23_P42257	NM_003897	IER3	immediate early response 3	ENST00000376382	-0,804603441
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,804697131
A_23_P10232	NM_017935	BANK1	B-cell scaffold protein with ankyrin repeats 1	ENST00000322953	-0,804976189
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,805138861
A_23_P422732	NM_145172	WDR63	WD repeat domain 63	ENST00000294664	-0,805292936
A_23_P68031	NM_003151	STAT4	signal transducer and activator of transcription 4	ENST00000392320	-0,805524283
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,80605121
A_19_P00806771	XR_132670	LOC100652730	uncharacterized LOC100652730	ENST00000412500	-0,80630995
A_32_P87013	NM_000584	IL8	interleukin 8	ENST00000307407	-0,806703227
A_21_P0000893	NR_040051	LOC100506686	uncharacterized LOC100506686		-0,806859805
A_23_P36641	NM_020661	AICDA	activation-induced cytidine deaminase	ENST00000229335	-0,807411618
A_33_P3630129	AK128708	FLJ46875	uncharacterized LOC440918		-0,807470942
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,80767148
A_33_P3392580	NM_013411	AK2	adenylate kinase 2	ENST00000373449	-0,807733748
A_24_P46130	NM_001099	ACPP	acid phosphatase, prostate	ENST00000336375	-0,808075627
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,808166763
A_23_P66432	NM_032646	TTYH2	tweety homolog 2 (Drosophila)	ENST00000441391	-0,808232765
A_23_P403335	NM_015065	EXPH5	exophilin 5	ENST00000525344	-0,808321932

A_33_P3239347	NM_006167	NKX3-1	NK3 homeobox 1	ENST00000380871	-0,808401767
A_21_P0000173	NR_045116	C5orf56	chromosome 5 open reading frame 56	ENST00000464024	-0,80860278
A_23_P90804	NM_145686	MAP4K4	mitogen-activated protein kinase kinase kinase kinase 4	ENST00000414004	-0,809024378
A_33_P3212804	NM_001010859	C22orf42	chromosome 22 open reading frame 42	ENST00000467813	-0,809547123
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,809785931
A_23_P78037	NM_006273	CCL7	chemokine (C-C motif) ligand 7	ENST00000394627	-0,810229924
A_21_P0009342	NR_030732	LOC645638	WDMN1-like pseudogene		-0,810252566
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,810365868
A_33_P3367251	NM_001114395	CNTLN	centlein, centrosomal protein		-0,810535235
A_23_P359277	NM_024930	ELOVL7	ELOVL fatty acid elongase 7	ENST00000438340	-0,811011753
A_21_P0004966	TCONS_00012009	XLOC_005524			-0,811088096
A_33_P3393766	NM_001130677	C17orf96	chromosome 17 open reading frame 96	ENST00000325814	-0,811843026
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,812641385
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,812945396
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,81311719
A_21_P0011346	BG107090	XLOC_I2_004840			-0,813238179
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,813582926
A_23_P145874	NM_152703	SAMD9L	sterile alpha motif domain containing 9-like	ENST00000411955	-0,813620386
A_24_P197964	NM_014788	TRIM14	tripartite motif containing 14	ENST00000341469	-0,813672406
A_23_P407096	NM_152625	ZNF366	zinc finger protein 366	ENST00000318442	-0,813776795
A_23_P335452	NM_153367	ZCCHC24	zinc finger, CCHC domain containing 24	ENST00000372336	-0,814316219
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,814351305
A_33_P3375934	NM_005746	NAMPT	nicotinamide phosphoribosyltransferase	ENST00000222553	-0,815279677
A_24_P402588	NM_018014	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000489516	-0,816239481
A_21_P0000778	NR_038357	LOC100507331	uncharacterized LOC100507331	ENST00000456638	-0,81648049
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,816545125
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,816878192
A_19_P00315518	ENST00000427157	XLOC_005810		ENST00000427157	-0,816945984
A_33_P3413558	NM_006566	CD226	CD226 molecule	ENST00000280200	-0,817448327

A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,817615103
A_24_P111242	NM_148893	SVIP	small VCP/p97-interacting protein	ENST00000354193	-0,817644967
A_23_P96658	NR_045128	TXLNG2P	taxilin gamma 2, pseudogene	ENST00000382832	-0,818427522
A_23_P163697	NM_016524	SYT17	synaptotagmin XVII	ENST00000355377	-0,818576991
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,818741449
A_21_P0014444	XR_109837	LOC100507639	uncharacterized LOC100507639		-0,819512295
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,819665804
A_23_P42322	NM_080680	COL11A2	collagen, type XI, alpha 2	ENST00000548637	-0,819690561
A_23_P81898	NM_006398	UBD	ubiquitin D	ENST00000355973	-0,819976046
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,820392604
A_21_P0005154	TCONS_00012648	XLOC_005589			-0,820438626
A_33_P3214745	NM_001024680	FBXO48	F-box protein 48	ENST00000377957	-0,82081009
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,820979492
A_33_P3565787	NR_027329	KIAA1908	uncharacterized LOC114796		-0,821183415
A_21_P0007481	NR_033878	LOC387895	uncharacterized LOC387895		-0,821517317
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,821947704
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,821962869
A_21_P0006780	ENST00000455465	XLOC_008902		ENST00000455465	-0,822023339
A_21_P0001225	ENST00000433576	XLOC_001214		ENST00000433576	-0,822172497
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,822219455
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,823145629
A_21_P0008156	TCONS_00021991	XLOC_010591			-0,82316504
A_24_P132383	NM_175571	GIMAP8	GTPase, IMAP family member 8	ENST00000307271	-0,823253342
A_23_P84202	NM_024515	WDR25	WD repeat domain 25	ENST00000554998	-0,82379232
A_23_P137931	NM_000677	ADORA3	adenosine A3 receptor	ENST00000241356	-0,824262362
A_21_P0013590	XR_108989	LOC100507540	uncharacterized LOC100507540		-0,824941766
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,825152982
A_23_P25674	NM_001823	CKB	creatine kinase, brain	ENST00000553652	-0,825572012
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,826431224

A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693	-0,827063762
A_21_P0006016	ENST00000424682	XLOC_007390		ENST00000424682	-0,827107687
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,82715283
A_23_P49539	NM_001080519	BAHCC1	BAH domain and coiled-coil containing 1	ENST00000307745	-0,827402173
A_32_P54553	ENST00000454608	USP41	ubiquitin specific peptidase 41	ENST00000454608	-0,827831777
A_23_P41470	NM_017631	DDX60	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	ENST00000393743	-0,827894514
A_33_P3376971	NM_024111	CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)	ENST00000446533	-0,827970437
A_33_P3376965	NM_024111	CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)	ENST00000487220	-0,82831205
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,828337774
A_21_P0012033	ENST00000416361	XLOC_I2_007644		ENST00000416361	-0,829306456
A_33_P3362696	NM_018157	RIC8B	resistance to inhibitors of cholinesterase 8 homolog B (C. el	ENST00000392837	-0,830379298
A_21_P0000568	NR_028471	LOC644649	apolipoprotein O pseudogene		-0,830649072
A_23_P97141	NM_002922	RGS1	regulator of G-protein signaling 1	ENST00000498352	-0,831166514
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,831221214
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	-0,831642091
A_23_P68155	NM_022168	IFIH1	interferon induced with helicase C domain 1	ENST00000543192	-0,831926968
A_33_P3299416	NM_181711	GRASP	GRP1 (general receptor for phosphoinositides 1)-associated	ENST00000293662	-0,832698366
A_24_P167642	NM_000161	GCH1	GTP cyclohydrolase 1	ENST00000254299	-0,832998817
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,833206183
A_33_P3369371	NM_002084	GPX3	glutathione peroxidase 3 (plasma)	ENST00000388825	-0,833221971
A_23_P8981	NM_000349	STAR	steroidogenic acute regulatory protein	ENST00000520114	-0,833355154
A_24_P192301	NM_006080	SEMA3A	sema domain, immunoglobulin domain (Ig), short basic don	ENST00000265362	-0,833668229
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,833811981
A_32_P220770	NR_002812	HCG26	HLA complex group 26 (non-protein coding)		-0,833947858
A_23_P41487	NM_015130	TBC1D9	TBC1 domain family, member 9 (with GRAM domain)	ENST00000442267	-0,834883001
A_24_P406060	NM_182757	RNF144B	ring finger protein 144B	ENST00000259939	-0,835005885
A_23_P144916	NM_005110	GFPT2	glutamine-fructose-6-phosphate transaminase 2	ENST00000253778	-0,835275923
A_23_P365614	NM_004557	NOTCH4	notch 4	ENST00000437843	-0,835604092
A_21_P0009754	TCONS_00027265	XLOC_013282			-0,835808856

A_24_P70183	NM_001040113	MYH11	myosin, heavy chain 11, smooth muscle	ENST00000452625	-0,83589537
A_24_P133905	NM_005064	CCL23	chemokine (C-C motif) ligand 23	ENST00000293280	-0,83599713
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,83844066
A_19_P00813192	ENST00000534659	XLOC_I2_002761		ENST00000534659	-0,838573705
A_23_P17663	NM_002462	MX1	myxovirus (influenza virus) resistance 1, interferon-inducibl	ENST00000455164	-0,83873053
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,839622887
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,839665855
A_23_P167599	NM_001034850	FAM134B	family with sequence similarity 134, member B	ENST00000306320	-0,840153213
A_33_P3734384	AK097526	LOC285957	uncharacterized LOC285957		-0,84015844
A_33_P3406567	NM_152866	MS4A1	membrane-spanning 4-domains, subfamily A, member 1	ENST00000389939	-0,840412169
A_33_P3353941	NM_005026	PIK3CD	phosphoinositide-3-kinase, catalytic, delta polypeptide	ENST00000361110	-0,841117594
A_23_P42746	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000289473	-0,841214086
A_23_P113777	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)	ENST00000376162	-0,84129229
A_33_P3363637	NM_013314	BLNK	B-cell linker	ENST00000393898	-0,841675538
A_24_P66027	NM_004900	APOBEC3B	apolipoprotein B mRNA editing enzyme, catalytic polypeptid	ENST00000335760	-0,842344314
A_24_P64653	NM_152637	METTL7B	methyltransferase like 7B	ENST00000394252	-0,842810186
A_23_P145694	NM_001673	ASNS	asparagine synthetase (glutamine-hydrolyzing)	ENST00000394308	-0,84283189
A_21_P0005902	TCONS_00015165	XLOC_007211			-0,843029016
A_33_P3286958	NM_003783	B3GALT2	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polype	ENST00000367434	-0,844053096
A_33_P3237150	NM_001200	BMP2	bone morphogenetic protein 2	ENST00000378827	-0,845952012
A_24_P148717	NM_001295	CCR1	chemokine (C-C motif) receptor 1	ENST00000296140	-0,846055394
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,846170832
A_24_P334718	NM_181791	GPR141	G protein-coupled receptor 141	ENST00000334425	-0,846656708
A_33_P3335865	NM_001006657	WDR35	WD repeat domain 35	ENST00000345530	-0,846677905
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,847068637
A_21_P0014632	XR_110833	LOC100505987	uncharacterized LOC100505987		-0,847657721
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,847952786
A_23_P77918	NM_006041	HS3ST3B1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	ENST00000360954	-0,848004897
A_32_P222961	NM_001012968	SPIN4	spindlin family, member 4	ENST00000374884	-0,848086992

A_23_P55998	NM_005628	SLC1A5	solute carrier family 1 (neutral amino acid transporter), member 15	ENST00000306894	-0,848109136
A_33_P3316273	NM_002983	CCL3	chemokine (C-C motif) ligand 3	ENST00000470334	-0,848145481
A_23_P139500	NM_030762	BHLHE41	basic helix-loop-helix family, member e41	ENST00000242728	-0,84834599
A_23_P204847	NM_002298	LCP1	lymphocyte cytosolic protein 1 (L-plastin)	ENST00000398576	-0,848722725
A_33_P3241021	ENST00000416624	CD69	CD69 molecule	ENST00000416624	-0,849239341
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,849817532
A_24_P106357	NM_139281	WDR36	WD repeat domain 36	ENST00000506538	-0,850838416
A_24_P349039	NM_020754	ARHGAP31	Rho GTPase activating protein 31	ENST00000264245	-0,851170631
A_23_P300150	NM_172387	NFATC1	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1	ENST00000318065	-0,851371948
A_21_P0012423	TCONS_I2_00019073	XLOC_I2_010056			-0,851888185
A_24_P396753	NM_021643	TRIB2	tribbles homolog 2 (Drosophila)	ENST00000155926	-0,852092507
A_21_P0012695	TCONS_I2_00021387	XLOC_I2_011350			-0,852510946
A_23_P76983	NM_025057	C14orf45	chromosome 14 open reading frame 45	ENST00000394009	-0,853084814
A_23_P119478	NM_005755	EBI3	Epstein-Barr virus induced 3	ENST00000221847	-0,853292875
A_23_P401709	NM_152504	C20orf196	chromosome 20 open reading frame 196	ENST00000445603	-0,853344671
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010	-0,853468464
A_33_P3322999	NM_001164375	C10orf105	chromosome 10 open reading frame 105	ENST00000398786	-0,854329964
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,854640727
A_33_P3287108	NM_207313	TMEM132E	transmembrane protein 132E	ENST00000321639	-0,854982292
A_33_P3313730	NM_001145855	SH3BP2	SH3-domain binding protein 2	ENST00000356331	-0,855398317
A_23_P111701	NM_004126	GNG11	guanine nucleotide binding protein (G protein), gamma 11	ENST00000248564	-0,85599294
A_23_P12554	NM_016112	PKD2L1	polycystic kidney disease 2-like 1	ENST00000318222	-0,856423373
A_23_P259141	NM_030776	ZBP1	Z-DNA binding protein 1	ENST00000461547	-0,856839981
A_21_P0004268	TCONS_00010003	XLOC_004439			-0,857139336
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,857688382
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,858164852
A_23_P200728	NM_000569	FCGR3A	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	ENST00000426740	-0,858368653
A_33_P3280779	NM_025125	C10orf57	chromosome 10 open reading frame 57	ENST00000372274	-0,858712532
A_23_P131024	NM_014383	ZBTB32	zinc finger and BTB domain containing 32	ENST00000262630	-0,859099011

A_21_P0005568	TCONS_00014163	XLOC_006150				-0,859239488
A_33_P3328360	NR_027033	MIRLET7BHG	MIRLET7B host gene (non-protein coding)	ENST00000360737		-0,859289515
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424		-0,859479162
A_23_P334173	NM_002349	LY75	lymphocyte antigen 75	ENST00000263636		-0,859544136
A_23_P111701	NM_004126	GNG11	guanine nucleotide binding protein (G protein), gamma 11	ENST00000248564		-0,860010165
A_24_P333857	NM_032291	SGIP1	SH3-domain GRB2-like (endophilin) interacting protein 1	ENST00000237247		-0,860141522
A_23_P251075	NM_005491	MAMLD1	mastermind-like domain containing 1	ENST00000464149		-0,860479866
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387		-0,860569634
A_23_P338479	NM_014143	CD274	CD274 molecule	ENST00000381577		-0,861276707
A_21_P0008908	BF575575	XLOC_011655				-0,86147266
A_24_P592012	NM_025224	ZBTB46	zinc finger and BTB domain containing 46	ENST00000245663		-0,86170944
A_23_P134663	NM_024812	BAALC	brain and acute leukemia, cytoplasmic	ENST00000309982		-0,86211973
A_33_P3210059	NM_005877	SF3A1	splicing factor 3a, subunit 1, 120kDa	ENST00000439242		-0,862484785
A_33_P3214035	NM_000675	ADORA2A	adenosine A2a receptor	ENST00000436735		-0,862869734
A_23_P313828	NM_181716	CENPV	centromere protein V	ENST00000299736		-0,863086324
A_23_P404162	NM_014707	HDAC9	histone deacetylase 9	ENST00000405010		-0,863185636
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368		-0,864321725
A_23_P120822	NM_016327	UPB1	ureidopropionase, beta	ENST00000326010		-0,865661694
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258		-0,866491926
A_21_P0003919	BC095491	FRG1B	FSHD region gene 1 family, member B			-0,86654971
A_32_P117170	NM_001122838	NAPEPLD	N-acyl phosphatidylethanolamine phospholipase D	ENST00000341533		-0,866907761
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219		-0,867365219
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114		-0,867428075
A_23_P204269	NM_006313	USP15	ubiquitin specific peptidase 15	ENST00000393654		-0,867749566
A_33_P3376636	NM_001017989	OPA3	optic atrophy 3 (autosomal recessive, with chorea and spas)	ENST00000323060		-0,868656681
A_23_P138680	NM_172200	IL15RA	interleukin 15 receptor, alpha	ENST00000379972		-0,869238084
A_23_P154358	NM_144707	PROM2	prominin 2	ENST00000487138		-0,869801605
A_33_P3606465	NR_033754	CBX3P2	chromobox homolog 3 pseudogene 2			-0,870608539
A_33_P3211666	NM_003855	IL18R1	interleukin 18 receptor 1	ENST00000334376		-0,871009001

A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,871373587
A_23_P23279	NM_052862	RCSD1	RCSD domain containing 1	ENST00000367854	-0,87143748
A_33_P3780123	AK057627	FLJ33065	uncharacterized LOC440952		-0,871448514
A_33_P3384133	NM_001163075	C17orf99	chromosome 17 open reading frame 99	ENST00000340363	-0,871464932
A_23_P13382	NM_001013254	LSP1	lymphocyte-specific protein 1	ENST00000406638	-0,871602994
A_23_P210482	NM_000022	ADA	adenosine deaminase	ENST00000464097	-0,871929899
A_33_P3379039	NM_001178126	IGLL5	immunoglobulin lambda-like polypeptide 5	ENST00000390321	-0,872079311
A_33_P3232960	NM_001010870	TDRD6	tudor domain containing 6	ENST00000544460	-0,8721829
A_21_P0003409	ENST00000515860	XLOC_003709		ENST00000515860	-0,872495862
A_23_P80974	NM_005651	TDO2	tryptophan 2,3-dioxygenase	ENST00000510293	-0,872710009
A_23_P166797	NM_022147	RTP4	receptor (chemosensory) transporter protein 4	ENST00000259030	-0,873780833
A_23_P60146	NM_006207	PDGFRL	platelet-derived growth factor receptor-like	ENST00000251630	-0,874070525
A_33_P3531206	NM_001014442	C1QTNF9B-AS1	C1QTNF9B antisense RNA 1 (non-protein coding)	ENST00000417034	-0,874362241
A_23_P113161	NM_030806	C1orf21	chromosome 1 open reading frame 21	ENST00000235307	-0,874363456
A_21_P0010940	NM_001100874	SLC9B1	solute carrier family 9, subfamily B (cation proton antiporte	ENST00000416231	-0,874667645
A_23_P393620	NM_006528	TFPI2	tissue factor pathway inhibitor 2	ENST00000222543	-0,875077777
A_23_P407112	NM_145263	SPATA18	spermatogenesis associated 18 homolog (rat)	ENST00000295213	-0,876147875
A_24_P97405	NM_003965	CCRL2	chemokine (C-C motif) receptor-like 2	ENST00000400880	-0,876733513
A_33_P3342081	NM_001198	PRDM1	PR domain containing 1, with ZNF domain	ENST00000369096	-0,87748445
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,877721913
A_21_P0013372	ENST00000439058	XLOC_l2_013301		ENST00000439058	-0,878185947
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,87851492
A_33_P3362291	AK001351	FLJ10489	uncharacterized protein FLJ10489	ENST00000503718	-0,87888693
A_21_P0002052	TCONS_00003286	XLOC_002099			-0,879273676
A_23_P64611	NM_176798	P2RY6	pyrimidinergic receptor P2Y, G-protein coupled, 6	ENST00000538328	-0,879708082
A_32_P206479	NM_178457	ZNF831	zinc finger protein 831	ENST00000371030	-0,879931577
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,88049088
A_24_P472007	NM_001080421	UNC13A	unc-13 homolog A (C. elegans)	ENST00000252773	-0,880528807
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,88114615

A_21_P0001817	ENST00000417930	XLOC_001331		ENST00000417930	-0,881346073
A_32_P345659	NM_194293	XIRP1	xin actin-binding repeat containing 1	ENST00000421646	-0,881585924
A_21_P0010465	TCONS_00029809	XLOC_014244			-0,881908769
A_21_P0014570	ENST00000547027	LOC100505814		ENST00000547027	-0,881958767
A_32_P231617	NM_014220	TM4SF1	transmembrane 4 L six family member 1	ENST00000383054	-0,882214482
A_23_P94412	NM_025239	PDCD1LG2	programmed cell death 1 ligand 2	ENST00000397747	-0,882415047
A_33_P3284508	NM_001174104	CD14	CD14 molecule	ENST00000302014	-0,884256726
A_23_P46039	NM_032738	FCRLA	Fc receptor-like A	ENST00000236938	-0,884648004
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,885602495
A_24_P322353	NM_024430	PSTPIP2	proline-serine-threonine phosphatase interacting protein 2	ENST00000495213	-0,886024102
A_24_P414376	NM_016531	KLF3	Kruppel-like factor 3 (basic)	ENST00000261438	-0,886287305
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,8863774
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,88676609
A_33_P3215883	NM_002019	FLT1	fms-related tyrosine kinase 1 (vascular endothelial growth f	ENST00000282397	-0,886779441
A_33_P3829391	BC030809	LOC641510	uncharacterized LOC641510		-0,886930402
A_24_P335305	NM_006187	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	ENST00000323881	-0,887427241
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,887869331
A_23_P210690	NM_021158	TRIB3	tribbles homolog 3 (Drosophila)	ENST00000217233	-0,88905403
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,889100206
A_23_P256473	NM_006379	SEMA3C	sema domain, immunoglobulin domain (Ig), short basic don	ENST00000265361	-0,890306793
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,890523495
A_33_P3245908	NM_001010863	C10orf128	chromosome 10 open reading frame 128	ENST00000453436	-0,891337613
A_21_P0014186	XR_108747	LOC100506130	uncharacterized LOC100506130		-0,891692647
A_23_P300033	NM_006206	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	ENST00000257290	-0,891811387
A_24_P234415	NM_003149	STAC	SH3 and cysteine rich domain	ENST00000273183	-0,891995374
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,892510647
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,893150451
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,893205568
A_23_P436284	NM_178859	OSTBETA	organic solute transporter beta	ENST00000334287	-0,894197877

A_33_P3249589	NM_022893	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000358510	-0,894375335
A_23_P69109	NM_021105	PLSCR1	phospholipid scramblase 1	ENST00000448205	-0,896433989
A_21_P0007881	TCONS_00021347	XLOC_010117			-0,896602968
A_23_P150903	NM_018099	FAR2	fatty acyl CoA reductase 2	ENST00000182377	-0,896605161
A_24_P188800	NM_017923	Mar-01	membrane-associated ring finger (C3HC4) 1	ENST00000339875	-0,896775832
A_21_P0000740	NR_038260	HIVEP3	human immunodeficiency virus type I enhancer binding pro	ENST00000491442	-0,897102045
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,897416438
A_33_P3246833	NM_173843	IL1RN	interleukin 1 receptor antagonist	ENST00000259206	-0,897935964
A_23_P113777	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)	ENST00000376162	-0,898104401
A_32_P86763	NM_004613	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamr	ENST00000361475	-0,898194147
A_23_P64828	NM_002534	OAS1	2'-5'-oligoadenylate synthetase 1, 40/46kDa	ENST00000377508	-0,898889223
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,89912384
A_23_P301521	NM_020848	KIAA1462	KIAA1462	ENST00000375377	-0,899161468
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,899423104
A_33_P3309984	NM_000221	KHK	ketoheokinase (fructokinase)	ENST00000260599	-0,89985475
A_23_P130182	NM_004217	AURKB	aurora kinase B	ENST00000534871	-0,900241851
A_23_P73837	NM_138636	TLR8	toll-like receptor 8	ENST00000218032	-0,900315115
A_21_P0010626	NM_058179	PSAT1	phosphoserine aminotransferase 1	ENST00000421149	-0,901235053
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,901392228
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,901964018
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,902077688
A_33_P3308686	NM_020785	CC2D2A	coiled-coil and C2 domain containing 2A	ENST00000438599	-0,902682258
A_23_P55749	NM_015719	COL5A3	collagen, type V, alpha 3	ENST00000264828	-0,903040413
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,904816158
A_33_P3413741	NM_000916	OXTR	oxytocin receptor	ENST00000316793	-0,905299377
A_32_P26376	NM_152305	POGLUT1	protein O-glucosyltransferase 1	ENST00000295588	-0,906510585
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,907570278
A_33_P3212615	NM_006287	TFPI	tissue factor pathway inhibitor (lipoprotein-associated coag	ENST00000233156	-0,90800611
A_23_P89780	NM_198129	LAMA3	laminin, alpha 3	ENST00000416669	-0,908435272

A_33_P3220470	NM_005585	SMAD6	SMAD family member 6	ENST00000338426	-0,910113734
A_24_P335620	NM_003486	SLC7A5	solute carrier family 7 (amino acid transporter light chain, L	ENST00000261622	-0,910445985
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,910467252
A_23_P432448	NR_024166	MGC3771	uncharacterized LOC81854		-0,91048489
A_24_P941866	AK096941	C5orf56	chromosome 5 open reading frame 56	ENST00000337752	-0,913062488
A_21_P0007626	THC2748864	XLOC_009880			-0,914424125
A_23_P61487	NM_018205	LRRC20	leucine rich repeat containing 20	ENST00000358141	-0,915535273
A_24_P227091	NM_004523	KIF11	kinesin family member 11	ENST00000260731	-0,915618654
A_21_P0010364	ENST00000428765	XLOC_014257		ENST00000428765	-0,916620833
A_24_P126628	NM_015257	TMEM194A	transmembrane protein 194A	ENST00000300128	-0,916690592
A_23_P139704	NM_001946	DUSP6	dual specificity phosphatase 6	ENST00000279488	-0,916920503
A_24_P208909	NM_015271	TRIM2	tripartite motif containing 2	ENST00000338700	-0,917335669
A_33_P3213707	NM_025239	PDCD1LG2	programmed cell death 1 ligand 2	ENST00000397745	-0,917339442
A_21_P0005052	TCONS_00012260	XLOC_005811			-0,917622451
A_33_P3263890	NM_006902	PRRX1	paired related homeobox 1	ENST00000239461	-0,91770152
A_24_P7121	NM_024677	NSUN7	NOP2/Sun domain family, member 7	ENST00000381782	-0,918047862
A_33_P3361067	NM_004827	ABCG2	ATP-binding cassette, sub-family G (WHITE), member 2	ENST00000237612	-0,918928819
A_21_P0011933	NR_037597	LOC442028	uncharacterized LOC442028		-0,919193132
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,920027118
A_21_P0010281	ENST00000440714	XLOC_014081		ENST00000440714	-0,920292419
A_33_P3402489	NM_006187	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	ENST00000228928	-0,920633184
A_23_P320578	NM_002928	RGS16	regulator of G-protein signaling 16	ENST00000367558	-0,921581279
A_21_P0010296	THC2740132	XLOC_014110			-0,922572945
A_23_P50108	NM_006101	NDC80	NDC80 homolog, kinetochore complex component (<i>S. cerev</i>	ENST00000261597	-0,922794226
A_23_P52761	NM_002423	MMP7	matrix metalloproteinase 7 (matrilysin, uterine)	ENST00000260227	-0,922954679
A_33_P3239185	NM_001252065	SYT7	synaptotagmin VII	ENST00000263846	-0,923543985
A_21_P0012171	TCONS_I2_00016979	XLOC_I2_008991			-0,923873087
A_24_P303091	NM_001565	CXCL10	chemokine (C-X-C motif) ligand 10	ENST00000306602	-0,925134396
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,925225848

A_23_P34946	NM_014388	DIEXF	digestive organ expansion factor homolog (zebrafish)		-0,925742599
A_23_P343398	NM_001838	CCR7	chemokine (C-C motif) receptor 7	ENST00000246657	-0,926664863
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,927507381
A_23_P333498	NM_030636	EEPD1	endonuclease/exonuclease/phosphatase family domain cor	ENST00000242108	-0,927741193
A_21_P0002805	ENST00000467896	XLOC_002921		ENST00000467896	-0,927806455
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,928384203
A_33_P3323218	NM_024744	ALS2CR8	amyotrophic lateral sclerosis 2 (juvenile) chromosome regic	ENST00000320443	-0,929098298
A_23_P133474	NM_002084	GPX3	glutathione peroxidase 3 (plasma)	ENST00000458211	-0,929369466
A_21_P0008360	TCONS_00022563	XLOC_010881			-0,930388397
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,931164451
A_33_P3354607	NM_002984	CCL4	chemokine (C-C motif) ligand 4	ENST00000250151	-0,931960147
A_23_P162547	NM_000432	MYL2	myosin, light chain 2, regulatory, cardiac, slow	ENST00000549029	-0,93332088
A_33_P3298810	NM_005304	FFAR3	free fatty acid receptor 3	ENST00000454971	-0,933378594
A_24_P208567	NM_003855	IL18R1	interleukin 18 receptor 1	ENST00000409599	-0,934098969
A_21_P0009752	TCONS_00027258	XLOC_013282			-0,934534755
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,935446872
A_23_P217845	NM_002928	RGS16	regulator of G-protein signaling 16	ENST00000367558	-0,935686565
A_21_P0013684	ENST00000426204	XLOC_I2_015342		ENST00000426204	-0,935923592
A_33_P3638471	BC027954	TRGV7	T cell receptor gamma variable 7 (pseudogene)		-0,936305958
A_23_P83200	NM_152572	AK8	adenylate kinase 8	ENST00000467161	-0,9364844
A_21_P0005162	AK055022	XLOC_005681			-0,93662505
A_33_P3293446	NM_020848	KIAA1462	KIAA1462	ENST00000375377	-0,936823676
A_21_P0013743	ENST00000426204	XLOC_I2_015342		ENST00000426204	-0,93814437
A_23_P13094	NM_002425	MMP10	matrix metalloproteinase 10 (stromelysin 2)	ENST00000279441	-0,938240799
A_23_P205584	NM_016475	JKAMP	JNK1/MAPK8-associated membrane protein		-0,938535019
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,939233878
A_23_P149545	NM_003528	HIST2H2BE	histone cluster 2, H2be	ENST00000369155	-0,939245058
A_23_P82523	NM_000927	ABCB1	ATP-binding cassette, sub-family B (MDR/TAP), member 1	ENST00000475929	-0,939611403
A_33_P3350583	NM_138819	FAM122C	family with sequence similarity 122C	ENST00000370784	-0,942947947

A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,943113955
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,94484459
A_33_P3365760	NM_012108	STAP1	signal transducing adaptor family member 1	ENST00000396225	-0,945450248
A_23_P210763	NM_000214	JAG1	jagged 1	ENST00000254958	-0,945618672
A_33_P3399263	NM_001243539	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-0,945940033
A_24_P235266	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000403097	-0,94613822
A_23_P404494	NM_002185	IL7R	interleukin 7 receptor	ENST00000343305	-0,946371856
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,9485625
A_24_P107317	NM_004205	USP2	ubiquitin specific peptidase 2	ENST00000260187	-0,948606689
A_33_P3258346	NM_017523	XAF1	XIAP associated factor 1	ENST00000361842	-0,951702503
A_23_P127288	NM_000417	IL2RA	interleukin 2 receptor, alpha	ENST00000379954	-0,952057195
A_32_P72110	NM_006505	PVR	poliovirus receptor	ENST00000344956	-0,952204216
A_33_P3381513	NM_014143	CD274	CD274 molecule	ENST00000492923	-0,953681626
A_23_P46936	NM_000399	EGR2	early growth response 2	ENST00000411732	-0,953747196
A_21_P0003110	THC2659360	XLOC_003077			-0,954471162
A_23_P165624	NM_007115	TNFAIP6	tumor necrosis factor, alpha-induced protein 6	ENST00000460812	-0,955291971
A_23_P126649	NM_024554	PGBD5	piggyBac transposable element derived 5	ENST00000321327	-0,956599031
A_33_P3326210	NM_001017420	ESCO2	establishment of cohesion 1 homolog 2 (S. cerevisiae)	ENST00000397418	-0,95826674
A_24_P45446	NM_052941	GBP4	guanylate binding protein 4	ENST00000471938	-0,958798759
A_21_P0005649	TCONS_00014594	XLOC_006699			-0,959697466
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,963279232
A_21_P0013514	TCONS_I2_0002818	XLOC_I2_014504			-0,963885832
A_24_P320033	NM_005191	CD80	CD80 molecule	ENST00000264246	-0,963983283
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,964057869
A_21_P0013475	TCONS_I2_0002773	XLOC_I2_014191			-0,964442455
A_24_P45451	NM_052931	SLAMF6	SLAM family member 6	ENST00000368057	-0,965536964
A_23_P209678	NM_002664	PLEK	pleckstrin	ENST00000234313	-0,966142386
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,966530548
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,966545705

A_33_P3337549	NM_001163942	ABCB5	ATP-binding cassette, sub-family B (MDR/TAP), member 5	ENST00000443026	-0,966744729
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,967086021
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,967608526
A_33_P3295203	NM_001523	HAS1	hyaluronan synthase 1	ENST00000376737	-0,968261781
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,968429293
A_24_P743869	NM_001195304	BBIP1	BBSome interacting protein 1	ENST00000448814	-0,969090028
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,969729042
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,970052294
A_24_P385313	NM_002840	PTPRF	protein tyrosine phosphatase, receptor type, F	ENST00000359947	-0,97024752
A_23_P37892	NM_133443	GPT2	glutamic pyruvate transaminase (alanine aminotransferase)	ENST00000440783	-0,970586103
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,970733685
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,972700572
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,973751861
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,974870971
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,975848742
A_32_P30649	NM_004454	ETV5	ets variant 5	ENST00000306376	-0,975981352
A_24_P272451	AK057142	C17orf87	chromosome 17 open reading frame 87		-0,97614141
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,977648874
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,977677891
A_21_P0009825	ENST00000449270	XLOC_013457		ENST00000449270	-0,978251456
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,978354805
A_23_P501754	NM_000759	CSF3	colony stimulating factor 3 (granulocyte)	ENST00000394149	-0,97865699
A_21_P0013370	ENST00000439058	XLOC_l2_013301		ENST00000439058	-0,981165759
A_23_P111701	NM_004126	GNG11	guanine nucleotide binding protein (G protein), gamma 11	ENST00000248564	-0,981540471
A_23_P74609	NM_015714	G0S2	G0/G1switch 2	ENST00000367029	-0,982023697
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,982590017
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,982946234
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,983825566
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,986241548

A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,987087168
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,987378049
A_23_P7144	NM_001511	CXCL1	chemokine (C-X-C motif) ligand 1 (melanoma growth stimu	ENST00000395761	-0,988054476
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,988579121
A_33_P3248439	NM_033446	FAM125B	family with sequence similarity 125, member B	ENST00000361171	-0,9888232
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,989223045
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,991848764
A_24_P7594	NM_030641	APOL6	apolipoprotein L, 6		-0,992008452
A_23_P200829	NM_015326	SRGAP2	SLIT-ROBO Rho GTPase activating protein 2	ENST00000295713	-0,992066509
A_24_P416997	NM_145641	APOL3	apolipoprotein L, 3	ENST00000397287	-0,993065355
A_33_P3225625	NM_001003799	TARP	TCR gamma alternate reading frame protein	ENST00000443402	-0,993109474
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,994828726
A_23_P250607	NM_005032	PLS3	plastin 3	ENST00000481823	-0,996274001
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,997350347
A_21_P0014724	XR_112814	LOC100507336	uncharacterized LOC100507336		-0,997491252
A_33_P3421728	NM_001346	DGKG	diacylglycerol kinase, gamma 90kDa	ENST00000265022	-0,998820524
A_32_P157481	NM_005236	ERCC4	excision repair cross-complementing rodent repair deficien	ENST00000311895	-0,998912959
A_33_P3289406	NR_026998	LOC91450	uncharacterized LOC91450		-0,99982441
A_23_P27400	NM_001523	HAS1	hyaluronan synthase 1	ENST00000540069	-1,001431374
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-1,001902632
A_24_P350759	NM_004171	SLC1A2	solute carrier family 1 (glial high affinity glutamate transpor	ENST00000278379	-1,003024392
A_33_P3281695	NM_001243133	NLRP3	NLR family, pyrin domain containing 3	ENST00000391827	-1,003217199
A_23_P161218	NM_014391	ANKRD1	ankyrin repeat domain 1 (cardiac muscle)	ENST00000371697	-1,003390178
A_33_P3243230	ENST00000401931	IL8	interleukin 8	ENST00000401931	-1,003946781
A_32_P53524	NM_004822	NTN1	netrin 1	ENST00000173229	-1,004813959
A_23_P368067	NM_018833	TAP2	transporter 2, ATP-binding cassette, sub-family B (MDR/TAF	ENST00000374899	-1,005035554
A_23_P119835	NM_021209	NLRC4	NLR family, CARD domain containing 4	ENST00000404025	-1,007916518
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-1,008430467
A_24_P171268	NM_182663	RASSF5	Ras association (RalGDS/AF-6) domain family member 5	ENST00000304534	-1,009052002

A_33_P3352467	NM_001050	SSTR2	somatostatin receptor 2	ENST00000357585	-1,012155445
A_33_P3315263	NM_175834	KRT79	keratin 79	ENST00000330553	-1,012264129
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-1,012562043
A_24_P942321	NM_018027	FRMD4A	FERM domain containing 4A	ENST00000357447	-1,015399825
A_33_P3281191	NM_002508	NID1	nidogen 1	ENST00000366595	-1,015569268
A_23_P148475	NM_012310	KIF4A	kinesin family member 4A	ENST00000544650	-1,015725023
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-1,017360019
A_23_P9883	NM_001079821	NLRP3	NLR family, pyrin domain containing 3	ENST00000336119	-1,017594
A_23_P434809	NM_002964	S100A8	S100 calcium binding protein A8	ENST00000368733	-1,017820432
A_23_P500400	NM_080284	ABCA6	ATP-binding cassette, sub-family A (ABC1), member 6	ENST00000284425	-1,017915102
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,020072799
A_33_P3225512	NM_002535	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000392583	-1,020969027
A_24_P299685	NM_198389	PDPN	podoplanin	ENST00000487038	-1,021015182
A_23_P255535	NM_004043	ASMT	acetylserotonin O-methyltransferase	ENST00000381241	-1,022162509
A_33_P3374205	NM_002417	MKI67	antigen identified by monoclonal antibody Ki-67	ENST00000537609	-1,022775175
A_24_P557479	NM_017523	XAF1	XIAP associated factor 1	ENST00000361842	-1,023116019
A_33_P3303810	NM_005558	LAD1	ladinin 1	ENST00000367313	-1,023218948
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-1,023246954
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,023368882
A_33_P3224803	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000438106	-1,023655557
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-1,023863555
A_23_P131935	NM_017671	FERMT1	fermitin family member 1	ENST00000217289	-1,023920916
A_33_P3299882	NM_001199975	UQCRB	ubiquinol-cytochrome c reductase binding protein	ENST00000287022	-1,024382891
A_33_P3324004	NM_032965	CCL15	chemokine (C-C motif) ligand 15	ENST00000354059	-1,024577193
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-1,025659788
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,026567029
A_23_P203475	NM_145040	PRKCDBP	protein kinase C, delta binding protein	ENST00000303927	-1,026932668
A_24_P319374	NM_005814	GPA33	glycoprotein A33 (transmembrane)	ENST00000367868	-1,0281259
A_23_P80817	NM_013259	TAGLN3	transgelin 3	ENST00000478951	-1,029027682

A_23_P74290	NM_052942	GBP5	guanylate binding protein 5	ENST00000490568	-1,029470726
A_21_P0004772	ENST00000452675	XLOC_005810		ENST00000452675	-1,029472229
A_33_P3357609	NM_001160419	ZBP1	Z-DNA binding protein 1	ENST00000343535	-1,029681191
A_23_P75299	NM_022126	LHPP	phospholysine phosphohistidine inorganic pyrophosphate p	ENST00000368842	-1,030954031
A_23_P46482	NM_018724	IL20	interleukin 20	ENST00000367096	-1,031118895
A_33_P3321697	NM_022140	EPB41L4A	erythrocyte membrane protein band 4.1 like 4A	ENST00000261486	-1,032077572
A_23_P156687	NM_001710	CFB	complement factor B	ENST00000546515	-1,033931573
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,034732829
A_32_P96000	NM_001004341	ETV3L	ets variant 3-like	ENST00000454449	-1,035490524
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,035568504
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,036822563
A_24_P237270	NM_000675	ADORA2A	adenosine A2a receptor	ENST00000417596	-1,037187947
A_23_P29005	NM_022136	SAMSN1	SAM domain, SH3 domain and nuclear localization signals 1	ENST00000400566	-1,038006921
A_23_P17053	NM_019618	IL36G	interleukin 36, gamma	ENST00000259205	-1,038596153
A_24_P362540	NM_003887	ASAP2	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2	ENST00000484590	-1,038972918
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,039656185
A_21_P0005987	NR_015361	LOC440896	uncharacterized LOC440896	ENST00000424682	-1,039846367
A_21_P0001111	ENST00000440492	XLOC_000755		ENST00000440492	-1,040411784
A_21_P0013613	TCONS_I2_0002916:	XLOC_I2_015090			-1,0411682
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,042533421
A_21_P0013808	THC2666070	XLOC_I2_015673			-1,043317448
A_23_P161698	NM_002422	MMP3	matrix metalloproteinase 3 (stromelysin 1, progelatinase)	ENST00000299855	-1,044042087
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-1,045958608
A_23_P82651	NM_002523	NPTX2	neuronal pentraxin II	ENST00000265634	-1,046558758
A_33_P3384045	XR_110862	NSAP11	nervous system abundant protein 11		-1,047943523
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,04921551
A_23_P319792	NM_019001	XRN1	5'-3' exoribonuclease 1	ENST00000264951	-1,050290767
A_23_P320113	NM_080725	SRXN1	sulfiredoxin 1	ENST00000427916	-1,050456257
A_23_P152838	NM_002985	CCL5	chemokine (C-C motif) ligand 5	ENST00000463941	-1,050475233

A_33_P3307945	ENST00000409515	LOC100652824	uncharacterized LOC100652824	ENST00000409515	-1,052140969
A_21_P0002334	THC2686815	XLOC_001788			-1,053829598
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,057363059
A_33_P3340769	NM_003816	ADAM9	ADAM metallopeptidase domain 9		-1,057926016
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,058904878
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,060652377
A_33_P3390057	NM_014220	TM4SF1	transmembrane 4 L six family member 1	ENST00000383054	-1,061164748
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,062409356
A_24_P158718	NM_015177	DTX4	deltex homolog 4 (Drosophila)	ENST00000227451	-1,062944441
A_24_P941217	ENST00000321276	SGPP2	sphingosine-1-phosphate phosphatase 2	ENST00000321276	-1,063752269
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,06612298
A_23_P21976	NM_001897	CSPG4	chondroitin sulfate proteoglycan 4	ENST00000308508	-1,066361477
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,066616629
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,06671816
A_23_P86470	NM_003956	CH25H	cholesterol 25-hydroxylase	ENST00000371852	-1,067445742
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,069349189
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	-1,070303805
A_23_P74278	NM_001037341	PDE4B	phosphodiesterase 4B, cAMP-specific	ENST00000329654	-1,071173229
A_21_P0013181	ENST00000439058	XLOC_I2_013301		ENST00000439058	-1,072674133
A_33_P3322363	NM_001123366	HMSD	histocompatibility (minor) serpin domain containing	ENST00000408945	-1,073230592
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,073417599
A_32_P526255	NM_001145717	PNPLA1	patatin-like phospholipase domain containing 1	ENST00000457797	-1,074614925
A_23_P384329	NM_001144823	DENND4A	DENN/MADD domain containing 4A	ENST00000443035	-1,074680131
A_24_P787897	NM_022166	XYLT1	xylosyltransferase I		-1,075265081
A_33_P3288159	NM_018136	ASPM	asp (abnormal spindle) homolog, microcephaly associated (	ENST00000294732	-1,075354995
A_24_P323148	NM_182573	LYPD5	LY6/PLAUR domain containing 5	ENST00000377950	-1,075524153
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,076921999
A_33_P3283824	NM_001135147	SLC39A8	solute carrier family 39 (zinc transporter), member 8	ENST00000424970	-1,078114156
A_24_P305570	NM_018993	RIN2	Ras and Rab interactor 2	ENST00000255006	-1,0783904

A_23_P94754	NM_005118	TNFSF15	tumor necrosis factor (ligand) superfamily, member 15	ENST00000374044	-1,079493893
A_23_P253692	NM_001079858	GPR64	G protein-coupled receptor 64	ENST00000356606	-1,079640227
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,080014118
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-1,080835903
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-1,080941817
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-1,081327848
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,082091247
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-1,082219932
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,08224519
A_23_P250245	NM_001782	CD72	CD72 molecule	ENST00000490239	-1,083204443
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-1,083656805
A_23_P361049	NM_012223	MYO1B	myosin IB	ENST00000439065	-1,084468255
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-1,086827862
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-1,086968782
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,08834666
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-1,089024322
A_23_P376488	NM_000594	TNF	tumor necrosis factor	ENST00000376122	-1,08952981
A_33_P3253687	NR_003945	GVINP1	GTPase, very large interferon inducible pseudogene 1		-1,090372461
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-1,092964972
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,094984625
A_19_P00317053	TCONS_00012259	XLOC_005810			-1,096514491
A_33_P3318117	NM_000765	CYP3A7	cytochrome P450, family 3, subfamily A, polypeptide 7	ENST00000292414	-1,098666889
A_24_P245379	NM_002575	SERPINB2	serpin peptidase inhibitor, clade B (ovalbumin), member 2	ENST00000457692	-1,099885509
A_23_P250564	NM_005400	PRKCE	protein kinase C, epsilon	ENST00000306156	-1,101071957
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-1,101273764
A_24_P230563	NM_000417	IL2RA	interleukin 2 receptor, alpha	ENST00000447847	-1,106484438
A_24_P766716	NM_001142343	CMKLR1	chemokine-like receptor 1	ENST00000312143	-1,106557472
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-1,106674974
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,106962912

A_21_P0001003	ENST00000420156	XLOC_000352		ENST00000420156	-1,107077039
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,107277107
A_33_P3326634	NM_001164617	GPC3	glypican 3	ENST00000394299	-1,107500429
A_21_P0000558	NR_028308	LOC100302650	uncharacterized LOC100302650		-1,10937156
A_33_P3402565	NM_004415	DSP	desmoplakin	ENST00000397483	-1,10948694
A_23_P257815	NM_005582	CD180	CD180 molecule	ENST00000256447	-1,111153441
A_19_P00320881	NR_040025	LOC100505474	uncharacterized LOC100505474		-1,111847108
A_21_P0011013	THC2737662	XLOC_I2_002729			-1,112094397
A_24_P382187	NM_001552	IGFBP4	insulin-like growth factor binding protein 4	ENST00000269593	-1,118434834
A_33_P3282641	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000416764	-1,118796414
A_23_P69573	NM_000856	GUCY1A3	guanylate cyclase 1, soluble, alpha 3	ENST00000455639	-1,121392526
A_24_P104407	NM_145728	SYNM	synemin, intermediate filament protein	ENST00000336292	-1,125499488
A_23_P207564	NM_002984	CCL4	chemokine (C-C motif) ligand 4	ENST00000250151	-1,127486642
A_23_P49448	NM_024306	FA2H	fatty acid 2-hydroxylase	ENST00000219368	-1,128940698
A_24_P322354	NM_001039535	SKA1	spindle and kinetochore associated complex subunit 1	ENST00000398452	-1,129359301
A_32_P83845	NM_001040708	HEY1	hairy/enhancer-of-split related with YRPW motif 1	ENST00000337919	-1,129855743
A_23_P52266	NM_001548	IFIT1	interferon-induced protein with tetratricopeptide repeats 1	ENST00000546318	-1,12988033
A_33_P3276615	NM_030643	APOL4	apolipoprotein L, 4	ENST00000352371	-1,130078155
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,130487375
A_33_P3363188	NR_033856	FLJ43315	asparagine synthetase pseudogene		-1,130734147
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,13132376
A_23_P164773	NM_002002	FCER2	Fc fragment of IgE, low affinity II, receptor for (CD23)	ENST00000346664	-1,13139047
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,131805389
A_23_P24493	NM_002424	MMP8	matrix metalloproteinase 8 (neutrophil collagenase)	ENST00000528662	-1,132250509
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,133917375
A_23_P62647	NM_003037	SLAMF1	signaling lymphocytic activation molecule family member 1	ENST00000392208	-1,134042734
A_23_P51085	NM_020675	SPC25	SPC25, NDC80 kinetochore complex component, homolog (	ENST00000282074	-1,135218672
A_33_P3692979	AK093862	LOC283485	uncharacterized LOC283485		-1,137825437
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,138143655

A_32_P151800	NM_207418	FAM72D	family with sequence similarity 72, member D	ENST00000341209	-1,140429199
A_21_P0006605	TCONS_00017645	XLOC_008317			-1,142181657
A_24_P49199	NM_181789	GLDN	gliomedin	ENST00000396399	-1,143112604
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-1,143632953
A_32_P71571	NM_182522	FAM19A4	family with sequence similarity 19 (chemokine (C-C motif)-li	ENST00000295569	-1,14629693
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-1,151127667
A_32_P44394	NM_004833	AIM2	absent in melanoma 2	ENST00000368130	-1,151452954
A_21_P0012418	TCONS_I2_0001904	XLOC_I2_010029			-1,154902006
A_24_P112941	NM_032808	LINGO1	leucine rich repeat and Ig domain containing 1	ENST00000355300	-1,155375491
A_23_P386478	NM_024873	TNIP3	TNFAIP3 interacting protein 3	ENST00000511909	-1,155783416
A_33_P3313617	NR_003133	GBP1P1	guanylate binding protein 1, interferon-inducible pseudogen	ENST00000513638	-1,158165534
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,159355377
A_23_P6263	NM_002463	MX2	myxovirus (influenza virus) resistance 2 (mouse)	ENST00000330714	-1,159881117
A_33_P3284933	NM_145659	IL27	interleukin 27	ENST00000356897	-1,160155802
A_23_P167328	NM_001775	CD38	CD38 molecule	ENST00000540195	-1,162524582
A_33_P3399090	NM_001037954	DIXDC1	DIX domain containing 1	ENST00000440460	-1,163520342
A_33_P3319925	ENST00000449753	IRG1	immunoresponsive 1 homolog (mouse)	ENST00000449753	-1,168466181
A_33_P3415052	NM_001172292	NIPAL4	NIPA-like domain containing 4		-1,171771224
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,171947478
A_23_P64617	NM_012193	FZD4	frizzled family receptor 4	ENST00000531380	-1,172504167
A_21_P0000832	NR_038907	LOC100507300	uncharacterized LOC100507300	ENST00000499194	-1,172992479
A_23_P36397	NM_000785	CYP27B1	cytochrome P450, family 27, subfamily B, polypeptide 1	ENST00000228606	-1,174899992
A_24_P278126	NM_002485	NBN	nibrin	ENST00000396252	-1,175021952
A_24_P295010	NM_004155	SERPINB9	serpin peptidase inhibitor, clade B (ovalbumin), member 9	ENST00000380698	-1,175485497
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,175487176
A_21_P0010536	NM_018284	GBP3	guanylate binding protein 3	ENST00000461384	-1,175595919
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,176224045
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,178794462
A_33_P3228460	NM_001136007	FXYD3	FXYD domain containing ion transport regulator 3	ENST00000535103	-1,179445837

A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,181512749
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,181915702
A_23_P17065	NM_004591	CCL20	chemokine (C-C motif) ligand 20	ENST00000473642	-1,183093086
A_33_P3258392	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,184448902
A_33_P3352098	NM_021201	MS4A7	membrane-spanning 4-domains, subfamily A, member 7	ENST00000358246	-1,186364942
A_23_P132159	NM_017414	USP18	ubiquitin specific peptidase 18	ENST00000215794	-1,186706618
A_23_P77043	NM_024764	CATSPERB	cation channel, sperm-associated, beta	ENST00000256343	-1,187037104
A_21_P0014592	XR_110434	LOC100507575	uncharacterized LOC100507575		-1,187151143
A_21_P0008613	THC2662357	XLOC_011213			-1,193195379
A_21_P0013057	TCONS_I2_0002457	XLOC_I2_012847			-1,193215372
A_24_P389916	NM_005512	LRRC32	leucine rich repeat containing 32	ENST00000404995	-1,195065563
A_33_P3380383	NM_001099221	TIFAB	TRAF-interacting protein with forkhead-associated domain,	ENST00000537858	-1,195675914
A_33_P3329013	NM_001050	SSTR2	somatostatin receptor 2	ENST00000315332	-1,202221078
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,204111914
A_24_P225616	NM_001034	RRM2	ribonucleotide reductase M2	ENST00000304567	-1,206712448
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,210153627
A_24_P105391	NM_001017922	ERMAP	erythroblast membrane-associated protein (Scianna blood §	ENST00000372517	-1,210581594
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,211650882
A_24_P23625	ENST00000360954	HS3ST3B1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	ENST00000360954	-1,212935485
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,213916799
A_23_P62890	NM_002053	GBP1	guanylate binding protein 1, interferon-inducible	ENST00000370473	-1,215364819
A_33_P3381671	BC016366	LOC731424	uncharacterized LOC731424		-1,217994704
A_21_P0003821	TCONS_00008716	XLOC_004229			-1,22333273
A_21_P0010261	THC2775863	XLOC_013968			-1,223754051
A_23_P17481	NM_023068	SIGLEC1	sialic acid binding Ig-like lectin 1, sialoadhesin	ENST00000202578	-1,224130072
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,225071593
A_23_P336612	NM_173528	C15orf26	chromosome 15 open reading frame 26	ENST00000286732	-1,232572448
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,23889542
A_23_P145724	NM_006658	PPP1R17	protein phosphatase 1, regulatory subunit 17	ENST00000342032	-1,244652129

A_23_P150316	NM_002426	MMP12	matrix metalloproteinase 12 (macrophage elastase)		-1,245570316
A_21_P0010537	TCONS_I2_0000039(XLOC_I2_000297				-1,245698563
A_33_P3291484	NM_005668	ST8SIA4	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4		-1,249129376
A_33_P3258046	NM_170685	TAC4	tachykinin 4 (hemokinin)	ENST00000334568	-1,251547572
A_23_P358917	NM_000765	CYP3A7	cytochrome P450, family 3, subfamily A, polypeptide 7	ENST00000336374	-1,252164298
A_32_P9543	NM_145699	APOBEC3A	apolipoprotein B mRNA editing enzyme, catalytic polypeptide	ENST00000402255	-1,253463376
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,262598637
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,267876287
A_23_P125680	NM_017938	FAM70A	family with sequence similarity 70, member A	ENST00000440464	-1,268298408
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	-1,268976274
A_33_P3705884	AK094188	LOC148189	uncharacterized LOC148189		-1,273976188
A_32_P74409	NM_001145033	C11orf96	chromosome 11 open reading frame 96	ENST00000528572	-1,288874346
A_33_P3364488	NM_001170631	FCAMR	Fc receptor, IgA, IgM, high affinity	ENST00000450945	-1,301775354
A_33_P3316539	NM_001008539	SLC7A2	solute carrier family 7 (cationic amino acid transporter, y+ s	ENST00000004531	-1,314778893
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,322396693
A_33_P3239282	NM_004974	KCNA2	potassium voltage-gated channel, shaker-related subfamily,	ENST00000316361	-1,326923862
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,329944545
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,330392295
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-1,335232529
A_24_P323598	NM_001017420	ESCO2	establishment of cohesion 1 homolog 2 (S. cerevisiae)	ENST00000305188	-1,337173679
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,339323279
A_32_P101031	NM_144586	LYPD1	LY6/PLAUR domain containing 1	ENST00000397463	-1,33940764
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,340863208
A_23_P204087	NM_016817	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000392583	-1,348416678
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,349726366
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,350904374
A_33_P3281283	NM_005226	S1PR3	sphingosine-1-phosphate receptor 3	ENST00000375846	-1,355035072
A_23_P139786	NM_003733	OASL	2'-5'-oligoadenylate synthetase-like	ENST00000257570	-1,37167479
A_23_P132057	NR_024027	LINC00158	long intergenic non-protein coding RNA 158		-1,382221943

A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,385862394
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,390230869
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,390278222
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,397932204
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,400993641
A_33_P3418170	NM_014314	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	ENST00000379882	-1,402585315
A_23_P85240	NM_016562	TLR7	toll-like receptor 7	ENST00000380659	-1,404298837
A_24_P12690	NM_194294	IDO2	indoleamine 2,3-dioxygenase 2	ENST00000343295	-1,4074011
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,409028484
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,409073727
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,409168306
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,414115904
A_24_P759477	NM_002214	ITGB8	integrin, beta 8		-1,41564
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,416655933
A_33_P3567892	AL050263	DKFZP547J0410	DKFZP547J0410 protein		-1,417860067
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,423678189
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,426771178
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,430932508
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,431352475
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,432331658
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,436030075
A_19_P00812190	THC2520127	Q5D1D6			-1,439729065
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,441003518
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,442161587
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,450293438
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,454636308
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,456373982
A_33_P3283611	NM_001549	IFIT3	interferon-induced protein with tetratricopeptide repeats 3	ENST00000543062	-1,456871651
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,459559456

A_33_P3407013	ENST00000420258	IL6	interleukin 6 (interferon, beta 2)	ENST00000420258	-1,469622729
A_21_P0001988	ENST00000433724	XLOC_001932		ENST00000433724	-1,472609538
A_19_P00808588	NR_003133	GBP1P1		ENST00000513638	-1,474434279
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,475806531
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,484111606
A_23_P71037	NM_000600	IL6	interleukin 6 (interferon, beta 2)	ENST00000485300	-1,485988671
A_23_P29773	NM_014398	LAMP3	lysosomal-associated membrane protein 3	ENST00000265598	-1,497369157
A_24_P304071	NM_001547	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	ENST00000371826	-1,506475936
A_23_P207456	NM_005623	CCL8	chemokine (C-C motif) ligand 8	ENST00000225840	-1,509316407
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,511790219
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,514566394
A_23_P76078	NM_016584	IL23A	interleukin 23, alpha subunit p19	ENST00000228534	-1,525502516
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,530514879
A_21_P0000695	NR_037867	LOC731424	uncharacterized LOC731424		-1,531193866
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,537320232
A_23_P24004	NM_001547	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	ENST00000371826	-1,561579859
A_33_P3401826	NM_207315	CMPK2	cytidine monophosphate (UMP-CMP) kinase 2, mitochondri	ENST00000478738	-1,564450451
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,580567697
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,586852772
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,59226383
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,594562403
A_24_P124624	NM_002543	OLR1	oxidized low density lipoprotein (lectin-like) receptor 1	ENST00000309539	-1,595966747
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,597122451
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,599730274
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,600596163
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,604884027
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,608764662
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,612962837
A_24_P411186	NM_022893	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000335712	-1,616100963

A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,61880142
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,621364602
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,621485682
A_33_P3343175	NM_001565	CXCL10	chemokine (C-X-C motif) ligand 10	ENST00000306602	-1,623621685
A_23_P49759	NM_002981	CCL1	chemokine (C-C motif) ligand 1	ENST00000225842	-1,626525486
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,630726415
A_33_P3226810	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,638706156
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,645930639
A_23_P35092	NM_153758	IL19	interleukin 19	ENST00000270218	-1,64885999
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,654841894
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,654929125
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,655773519
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,657883859
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,667630242
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,667775107
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,668010385
A_24_P28722	NM_080657	RSAD2	radical S-adenosyl methionine domain containing 2	ENST00000382040	-1,677163523
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,684217366
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,686659896
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,688477266
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,70137177
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,702646995
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,706156231
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,707836078
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-1,710360792
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,716233861
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,721562067
A_23_P45871	NM_006820	IFI44L	interferon-induced protein 44-like	ENST00000476521	-1,735501742
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,744957251

A_23_P8801	NM_000777	CYP3A5	cytochrome P450, family 3, subfamily A, polypeptide 5	ENST00000339843	-1,753092942
A_23_P55649	NM_001462	FPR2	formyl peptide receptor 2	ENST00000340023	-1,76210978
A_33_P3341499	NM_003392	WNT5A	wingless-type MMTV integration site family, member 5A	ENST00000264634	-1,76413464
A_23_P125278	NM_005409	CXCL11	chemokine (C-X-C motif) ligand 11	ENST00000306621	-1,772367937
A_23_P7560	NM_002187	IL12B	interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic T lymphocyte chemoattractant 1)	ENST00000231228	-2,372510853

Comparison of gene expression profiling between WR-infected macrophages

ProbeName	SystematicName	GeneSymbol	GeneName	EnsemblID	WR vs MØ_logFC
A_21_P0000504	NR_023344	RNU6ATAC	RNA, U6atac small nuclear (U12-dependent splicing)		2,618988907
A_21_P0000513	NR_026703	VTRNA1-1	vault RNA 1-1		2,472989452
A_33_P3279708	NR_002761	RNU2-2	RNA, U2 small nuclear 2	ENST00000538098	2,352770607
A_33_P3390107	NR_003286	RN18S1	RNA, 18S ribosomal 1		2,326590199
A_21_P0000514	NR_026704	VTRNA1-2	vault RNA 1-2		2,278312886
A_33_P3273584	NR_003023	SCARNA2	small Cajal body-specific RNA 2		2,200446035
A_23_P388871	NM_175054	HIST4H4	histone cluster 4, H4	ENST00000539745	2,172417167
A_23_P359540	NM_003540	HIST1H4F	histone cluster 1, H4f	ENST00000377745	1,953446628
A_21_P0000584	NR_030583	VTRNA2-1	vault RNA 2-1		1,918563111
A_21_P0000515	NR_026705	VTRNA1-3	vault RNA 1-3		1,891038152
A_33_P3351851	NM_003546	HIST1H4L	histone cluster 1, H4l	ENST00000355981	1,875602174
A_23_P363936	NM_014278	HSPA4L	heat shock 70kDa protein 4-like	ENST00000296464	1,871830848
A_33_P3420259	NR_003287	RN28S1	RNA, 28S ribosomal 1		1,817324318
A_21_P0000392	NR_003076	SNORD98	small nucleolar RNA, C/D box 98	ENST00000483264	1,791321289
A_33_P3410836	NM_003539	HIST1H4D	histone cluster 1, H4d	ENST00000340756	1,78622024
A_33_P3336632	NR_003287	RN28S1	RNA, 28S ribosomal 1		1,780498419
A_23_P30805	NM_021968	HIST1H4J	histone cluster 1, H4j	ENST00000355057	1,770786354
A_33_P3332348	NR_002715	RN7SL1	RNA, 7SL, cytoplasmic 1	ENST00000553637	1,757945455
A_23_P436281	NM_001034077	HIST2H4B	histone cluster 2, H4b	ENST00000392933	1,754156751
A_21_P0004617	ENST00000430078	XLOC_005900		ENST00000430078	1,73505632
A_33_P3389394	NR_002312	RPPH1	ribonuclease P RNA component H1	ENST00000554988	1,729709156
A_23_P431179	NM_003538	HIST1H4A	histone cluster 1, H4a	ENST00000359907	1,697036529
A_33_P3267263	NR_004400	RNU1-5	RNA, U1 small nuclear 5		1,670786021
A_21_P0000487	NR_004378	SNORD94	small nucleolar RNA, C/D box 94		1,645550691
A_23_P30813	NM_003541	HIST1H4K	histone cluster 1, H4k	ENST00000357549	1,630001782
A_24_P20873	NM_003495	HIST1H4I	histone cluster 1, H4i	ENST00000354348	1,628015485

A_33_P3299865	NM_003541	HIST1H4K	histone cluster 1, H4k	ENST00000355057	1,615772818
A_23_P323685	NM_003543	HIST1H4H	histone cluster 1, H4h	ENST00000377727	1,59850119
A_33_P3327519	NR_002915	SNORA74A	small nucleolar RNA, H/ACA box 74A		1,547362762
A_19_P00315502	ENST00000417112	P01115		ENST00000417112	1,535212927
A_33_P3357759	XM_291007	HEATR7B1	HEAT repeat containing 7B1	ENST00000389758	1,494738007
A_21_P0014066	XR_108328	LOC100506636	uncharacterized LOC100506636		1,490147129
A_33_P3359791	ENST00000484389	TDRD3	tudor domain containing 3	ENST00000484389	1,489015154
A_33_P3404989	NM_003536	HIST1H3H	histone cluster 1, H3h	ENST00000369163	1,480902905
A_33_P3344229	NM_003538	HIST1H4A	histone cluster 1, H4a	ENST00000359907	1,476754897
A_33_P3323463	ENST00000532091	HSPA8	heat shock 70kDa protein 8	ENST00000532091	1,434390276
A_24_P608302	BC012894	LOC388796	uncharacterized LOC388796		1,43347424
A_21_P0000338	NR_002984	SNORA56	small nucleolar RNA, H/ACA box 56	ENST00000481062	1,420614859
A_33_P3291614	XR_110031	LOC100133039	uncharacterized LOC100133039		1,418195639
A_21_P0000283	NR_002741	SNORD53	small nucleolar RNA, C/D box 53		1,403570371
A_21_P0000023	NM_001159749	RIOK2	RIO kinase 2 (yeast)	ENST00000508447	1,395744861
A_21_P0010928	ENST00000429110	XLOC_I2_001731		ENST00000429110	1,384915755
A_24_P348203	NM_025061	LRRRC8E	leucine rich repeat containing 8 family, member E	ENST00000306708	1,375195027
A_24_P67898	ENST00000370094	MGEA5	meningioma expressed antigen 5 (hyaluronidase)	ENST00000370094	1,374430258
A_33_P3242383	ENST00000504956	AFF1	AF4/FMR2 family, member 1	ENST00000504956	1,372411464
A_21_P0000371	NR_003037	SNORD7	small nucleolar RNA, C/D box 7		1,371427692
A_23_P28598	NM_004405	DLX2	distal-less homeobox 2	ENST00000234198	1,362263167
A_23_P48698	NM_003814	ADAM20	ADAM metallopeptidase domain 20	ENST00000256389	1,362249049
A_33_P3305521	AB029007	ZNF507	zinc finger protein 507		1,358137879
A_23_P164451	NM_005994	TBX2	T-box 2	ENST00000477081	1,349840559
A_23_P407080	NM_173489	HEATR7B2	HEAT repeat family member 7B2	ENST00000399564	1,347681462
A_33_P3243307	AK128353	LOC100128281	uncharacterized LOC100128281		1,341201027
A_33_P3405888	AF130105	LOC100133130	PRO1102		1,340987256
A_33_P3346688	ENST00000527983	HSPA8	heat shock 70kDa protein 8	ENST00000527983	1,331878717
A_33_P3238455	NR_034009	SRSF6	serine/arginine-rich splicing factor 6	ENST00000483871	1,32725712

A_33_P3269203	NM_001207014	SERPINH1	serpin peptidase inhibitor, clade H (heat shock protein 47),	ENST00000524558	1,323013468
A_33_P3336113	NM_145719	TIGD3	tigger transposable element derived 3	ENST00000309880	1,322642103
A_33_P3325723	NM_001822	CHN1	chimerin (chimaerin) 1	ENST00000492964	1,321737741
A_33_P3328621	BC036435	LOC100132147	uncharacterized LOC100132147	ENST00000453554	1,320244473
A_33_P3356371	AK127766	LOC100133089	uncharacterized LOC100133089		1,316060014
A_23_P27649	NM_001080411	ZNF433	zinc finger protein 433	ENST00000344980	1,308671365
A_33_P3400699	NM_206883	SLC26A5	solute carrier family 26, member 5 (prestin)	ENST00000339444	1,304972618
A_21_P0000247	NR_002443	SNORD18C	small nucleolar RNA, C/D box 18C		1,303061346
A_21_P0014006	XM_003403443	LOC100509263	uncharacterized LOC100509263		1,299713835
A_33_P3266719	NM_017628	TET2	tet methylcytosine dioxygenase 2	ENST00000535110	1,29953314
A_21_P0000372	NR_003042	SNORD45C	small nucleolar RNA, C/D box 45C	ENST00000471759	1,29566451
A_33_P3243399	ENST00000467901	SLMAP	sarcolemma associated protein	ENST00000467901	1,287647319
A_23_P90062	NM_006145	DNAJB1	DnaJ (Hsp40) homolog, subfamily B, member 1	ENST00000254322	1,269912278
A_23_P88119	NM_006644	HSPH1	heat shock 105kDa/110kDa protein 1	ENST00000320027	1,266666808
A_33_P3710442	AK021772	FLJ11710	uncharacterized protein FLJ11710		1,265346128
A_24_P50818	NM_001206774	GTF3C3	general transcription factor IIIC, polypeptide 3, 102kDa	ENST00000409364	1,259680032
A_32_P205944	NM_005054	RGPD5	RANBP2-like and GRIP domain containing 5	ENST00000302558	1,256880977
A_21_P0014824	NR_045370	LOC100505815	uncharacterized LOC100505815		1,255957624
A_33_P3228642	ENST00000322834	ZNF584	zinc finger protein 584	ENST00000322834	1,247965823
A_33_P3274622	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000417964	1,247910975
A_21_P0000492	NR_004384	SNAR-F	small ILF3/NF90-associated RNA F		1,245725054
A_23_P341700	NM_001007101	ZNF484	zinc finger protein 484	ENST00000375495	1,243592079
A_21_P0012995	AL049987	XLOC_l2_012083			1,224721704
A_33_P3587376	NR_024214	SNAR-A3	small ILF3/NF90-associated RNA A3		1,222624641
A_33_P3424384	ENST00000403537	THUMPD2	THUMP domain containing 2	ENST00000403537	1,221769317
A_21_P0012911	XM_003403424	LOC100652810	beta-glucuronidase-like protein SMA5-like		1,220175797
A_33_P3243394	ENST00000383718	SLMAP	sarcolemma associated protein	ENST00000383718	1,219564712
A_21_P0000508	NR_024243	SNAR-D	small ILF3/NF90-associated RNA D		1,217766487
A_24_P213715	NR_026993	LOC90834	uncharacterized protein BC001742		1,217629064

A_21_P0000509	NR_024244	SNAR-G2	small ILF3/NF90-associated RNA G2		1,217596413
A_21_P0000511	NR_024342	SNAR-H	small ILF3/NF90-associated RNA H		1,21375711
A_23_P74162	NM_018134	IQCC	IQ motif containing C	ENST00000537469	1,208806207
A_33_P3237517	ENST00000369578	ZNF292	zinc finger protein 292	ENST00000369578	1,207095959
A_33_P3271121	ENST00000484097	SH3BP4	SH3-domain binding protein 4	ENST00000484097	1,206453329
A_33_P3289000	ENST00000409375	AP1S3	adaptor-related protein complex 1, sigma 3 subunit	ENST00000409375	1,206006141
A_21_P0000507	NR_024230	SNAR-B2	small ILF3/NF90-associated RNA B2		1,205374322
A_33_P3214119	ENST00000528751	NPEPPS	aminopeptidase puromycin sensitive	ENST00000528751	1,200421161
A_33_P3394517	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinase	ENST00000454049	1,198798819
A_21_P0004024	TCONS_00009444	XLOC_004456			1,198441647
A_23_P123108	ENST00000493453	AKAP9	A kinase (PRKA) anchor protein (yotiao) 9	ENST00000493453	1,196126587
A_21_P0000484	NR_003942	SNORD76	small nucleolar RNA, C/D box 76		1,196120395
A_33_P3247838	NM_001136501	ZNF844	zinc finger protein 844	ENST00000439326	1,194728241
A_21_P0000040	NM_001164313	ZBTB24	zinc finger and BTB domain containing 24		1,189720517
A_33_P3434927	AF521131	MAGI2-IT1	MAGI2 intronic transcript 1 (non-protein coding)		1,188871437
A_23_P43337	NM_144966	FREM1	FRAS1 related extracellular matrix 1	ENST00000380880	1,187593786
A_32_P221799	NM_003514	HIST1H2AM	histone cluster 1, H2am	ENST00000359611	1,184696452
A_33_P3349252	AL512723	DKFZP547L112	uncharacterized protein DKFZp547L112		1,181009281
A_33_P3324383	NM_001013690	FIGNL2	fidgetin-like 2		1,179604127
A_33_P3299781	ENST00000380201	DDRKG1	DDRKG domain containing 1	ENST00000380201	1,178979078
A_24_P85942	NM_181453	GCC2	GRIP and coiled-coil domain containing 2	ENST00000309863	1,173246
A_21_P0013877	TCONS_I2_0003089	XLOC_I2_015885			1,17143052
A_33_P3297020	NR_026816	PSORS1C3	psoriasis susceptibility 1 candidate 3 (non-protein coding)	ENST00000376242	1,171409766
A_23_P326142	NR_027330	C7orf54	chromosome 7 open reading frame 54		1,165615211
A_33_P3265479	ENST00000522974	ZFAT	zinc finger and AT hook domain containing	ENST00000522974	1,163632543
A_33_P3228977	ENST00000382893	UTY	ubiquitously transcribed tetratricopeptide repeat gene, Y-lir	ENST00000382893	1,162516077
A_33_P3310189	NM_000684	ADRB1	adrenergic, beta-1-, receptor	ENST00000369295	1,161193904
A_23_P206140	NM_018602	DNAJA4	DnaJ (Hsp40) homolog, subfamily A, member 4	ENST00000394852	1,160098692
A_33_P3212269	ENST00000534743	MAP2K3	mitogen-activated protein kinase kinase 3	ENST00000534743	1,158470082

A_21_P0013196	TCONS_I2_0002585:XLOC_I2_013383				1,157594656
A_33_P3422010	NM_178504	DNAH12	dynein, axonemal, heavy chain 12	ENST00000351747	1,156582763
A_33_P3349289	NR_002222	ARGFXP2	arginine-fifty homeobox pseudogene 2		1,156257241
A_33_P3415430	NM_005346	HSPA1B	heat shock 70kDa protein 1B	ENST00000391548	1,155886473
A_19_P00330549	NR_034127	LOC100132356	uncharacterized LOC100132356		1,155689447
A_21_P0013772	ENST00000453317	XLOC_I2_015561		ENST00000453317	1,155249343
A_24_P274615	NM_020801	ARRDC3	arrestin domain containing 3	ENST00000265138	1,151330713
A_21_P0010592	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000447412	1,149467459
A_32_P886589	NM_175895	C12orf61	chromosome 12 open reading frame 61	ENST00000408887	1,14838225
A_21_P0014898	XR_132888	LOC100652951	uncharacterized LOC100652951		1,147523287
A_33_P3464855	AL050097	DKFZP586B0319	DKFZP586B0319 protein		1,146152575
A_33_P3348752	NM_006644	HSPH1	heat shock 105kDa/110kDa protein 1	ENST00000380363	1,145849231
A_33_P3305243	ENST00000373903	PSMD5	proteasome (prosome, macropain) 26S subunit, non-ATPase	ENST00000373903	1,140985193
A_21_P0013752	THC2774467	XLOC_I2_015441			1,140655562
A_23_P377411	AF130105	LOC100133130	PRO1102		1,138399304
A_33_P3242829	ENST00000316005	PKN2	protein kinase N2	ENST00000316005	1,13813597
A_33_P3275630	AK125613	LOC100131820	uncharacterized LOC100131820		1,133996497
A_21_P0005397	TCONS_00013523	XLOC_006163			1,132930065
A_23_P211056	NM_013329	GCFC1	GC-rich sequence DNA-binding factor 1	ENST00000497873	1,130530886
A_33_P3254335	NM_207406	BEND4	BEN domain containing 4	ENST00000504360	1,128961958
A_33_P3396831	ENST00000368256	CCT3	chaperonin containing TCP1, subunit 3 (gamma)	ENST00000368256	1,127277923
A_33_P3843358	BG944179	SNORD8	small nucleolar RNA, C/D box 8		1,127256502
A_33_P3229335	NM_175055	HIST3H2BB	histone cluster 3, H2bb	ENST00000369160	1,126955916
A_23_P101683	NM_001828	CLC	Charcot-Leyden crystal protein	ENST00000221804	1,126900271
A_33_P3356035	ENST00000440812	SMG7	smg-7 homolog, nonsense mediated mRNA decay factor (C.	ENST00000440812	1,125985868
A_33_P3268174	NM_152903	KBTBD6	kelch repeat and BTB (POZ) domain containing 6	ENST00000379485	1,125739277
A_33_P3222307	AK125520	LOC100129380	uncharacterized LOC100129380		1,123962991
A_21_P0013490	TCONS_I2_0002778:XLOC_I2_014217				1,121641034
A_33_P3211513	NM_001162407	CLK1	CDC-like kinase 1	ENST00000357369	1,117831533

A_33_P3300147	NM_001001709	C9orf170	chromosome 9 open reading frame 170		1,115407295
A_24_P237757	AL136621	ZMYM2	zinc finger, MYM-type 2	ENST00000382881	1,114171229
A_24_P298495	AF289590	LOC100130744	uncharacterized LOC100130744		1,113442523
A_33_P3390758	NM_153201	HSPA8	heat shock 70kDa protein 8	ENST00000453788	1,112390307
A_23_P364324	NM_152701	ABCA13	ATP-binding cassette, sub-family A (ABC1), member 13	ENST00000435803	1,108248116
A_33_P3549874	BC031230	LOC255177	uncharacterized LOC255177		1,108127598
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	1,105576897
A_21_P0000246	NR_002442	SNORD18B	small nucleolar RNA, C/D box 18B		1,104149762
A_33_P3257678	NM_001005464	HIST2H3A	histone cluster 2, H3a	ENST00000369158	1,101943753
A_21_P0013255	BG168839	XLOC_l2_013513			1,099642155
A_24_P387321	NM_016264	ZNF44	zinc finger protein 44	ENST00000355684	1,098605313
A_21_P0000243	NR_002439	SNORD43	small nucleolar RNA, C/D box 43	ENST00000453303	1,097327281
A_23_P39263	NM_173480	ZNF57	zinc finger protein 57	ENST00000395204	1,096785881
A_33_P3230663	AY203950	LOC100130232	LP2209		1,095146595
A_33_P3376454	XR_108564	LOC100133299	GALI1870		1,094990082
A_21_P0000206	NR_000006	SNORD21	small nucleolar RNA, C/D box 21	ENST00000497519	1,094831908
A_21_P0014758	XR_132514	LOC100652921	uncharacterized LOC100652921		1,094716711
A_23_P415411	NM_003545	HIST1H4E	histone cluster 1, H4e	ENST00000360441	1,093806002
A_21_P0013267	NR_026999	LINC00265	long intergenic non-protein coding RNA 265	ENST00000427210	1,09063801
A_23_P74737	NM_001990	EYA3	eyes absent homolog 3 (Drosophila)	ENST00000495923	1,089810441
A_23_P214079	NM_003122	SPINK1	serine peptidase inhibitor, Kazal type 1	ENST00000505722	1,088307125
A_33_P3256500	ENST00000392645	ATXN2	ataxin 2	ENST00000392645	1,085601066
A_23_P48495	NM_004918	TCL1B	T-cell leukemia/lymphoma 1B	ENST00000461160	1,085457631
A_32_P228167	NM_152589	C12orf50	chromosome 12 open reading frame 50	ENST00000298699	1,080904322
A_19_P00317318	NM_001145664	RFX8		ENST00000540519	1,080179385
A_23_P24275	NR_027709	IDI2-AS1	IDI2 antisense RNA 1 (non-protein coding)	ENST00000536039	1,079880154
A_33_P3363120	NR_004387	SCARNA10	small Cajal body-specific RNA 10		1,073913815
A_21_P0009386	TCONS_00025888	XLOC_012162			1,067549021
A_33_P3229246	NM_003528	HIST2H2BE	histone cluster 2, H2be	ENST00000369155	1,067108443

A_23_P203829	NM_015394	ZNF10	zinc finger protein 10	ENST00000426665	1,065151655
A_33_P3520835	AK123449	FLJ41455	uncharacterized LOC441441		1,06468085
A_21_P0010674	TCONS_I2_0000180	XLOC_I2_001332			1,063930641
A_23_P133739	NM_148959	HUS1B	HUS1 checkpoint homolog b (S. pombe)	ENST00000380907	1,063368208
A_33_P3278392	BX538347	NFU1	NFU1 iron-sulfur cluster scaffold homolog (S. cerevisiae)		1,063264973
A_33_P3285145	XR_109830	LOC100131826	TSSP3028		1,063108155
A_32_P161994	NR_029448	LOC255411	uncharacterized LOC255411	ENST00000548054	1,062978518
A_23_P316582	NM_152355	ZNF441	zinc finger protein 441	ENST00000454339	1,061985883
A_33_P3290303	XR_110306	LOC100128278	uncharacterized LOC100128278		1,060430528
A_21_P0000366	NR_003031	SNORD11	small nucleolar RNA, C/D box 11		1,057938631
A_21_P0003279	TCONS_00007119	XLOC_003052			1,057808079
A_32_P8551	NM_198443	NRN1L	neuritin 1-like	ENST00000339176	1,057117441
A_33_P3424462	NM_001139459	CNST	consortin, connexin sorting protein	ENST00000483271	1,056440283
A_33_P3576797	AL110203	LOC158863	uncharacterized LOC158863		1,055848
A_21_P0000207	NR_000007	SNORD73A	small nucleolar RNA, C/D box 73A	ENST00000322686	1,055192564
A_21_P0012579	ENST00000503394	XLOC_I2_010602		ENST00000503394	1,054898924
A_23_P144476	NM_199327	SPRY1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)	ENST00000339241	1,053071711
A_24_P929322	NR_024413	FLJ42393	uncharacterized LOC401105	ENST00000392468	1,053021731
A_24_P277673	NM_003547	HIST1H4G	histone cluster 1, H4g	ENST00000244537	1,051578851
A_33_P3391796	NM_005450	NOG	noggin	ENST00000332822	1,050849971
A_21_P0009632	TCONS_00026722	XLOC_012857			1,050048155
A_24_P941188	NM_015207	OTUD3	OTU domain containing 3	ENST00000375120	1,05004723
A_33_P3252730	NR_027049	ZNF788	zinc finger family member 788	ENST00000339302	1,049790753
A_32_P226205	NM_033400	ZFH2	zinc finger homeobox 2		1,049472071
A_21_P0005232	ENST00000440455	XLOC_006093		ENST00000440455	1,04915696
A_23_P58729	NM_003052	SLC34A1	solute carrier family 34 (sodium phosphate), member 1	ENST00000513614	1,048734758
A_33_P3507384	AK056398	LOC152274	uncharacterized LOC152274		1,047353009
A_33_P3358163	NM_018958	C15orf2	chromosome 15 open reading frame 2	ENST00000329468	1,044383321
A_33_P3538279	AF130079	PRO2852	uncharacterized protein PRO2852		1,044223522

A_24_P166407	NM_003544	HIST1H4B	histone cluster 1, H4b	ENST00000377364	1,043947904
A_33_P3221134	XR_132709	LOC100128857	beta-1,3-N-acetylgalactosaminyltransferase 1 (globoside blood group) pseudogene		1,043802826
A_21_P0013393	ENST00000415536	XLOC_I2_013513		ENST00000415536	1,043282451
A_21_P0000497	NR_004396	SNORD1B	small nucleolar RNA, C/D box 1B		1,041806231
A_21_P0000380	NR_003057	SNORD69	small nucleolar RNA, C/D box 69		1,041593598
A_33_P3401284	NR_003051	RMRP	RNA component of mitochondrial RNA processing endoribonuclease		1,041227404
A_33_P3331711	AK124300	LOC100130463	uncharacterized LOC100130463		1,040947402
A_33_P3265714	NM_173649	C2orf61	chromosome 2 open reading frame 61		1,039456023
A_21_P0002602	TCONS_00004841	XLOC_001564			1,039402039
A_33_P3365710	AK125522	ATP6V0D1	ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1		1,039142729
A_21_P0013838	AL528462	XLOC_I2_015855			1,038849625
A_21_P0011304	TCONS_I2_0000849	XLOC_I2_004596			1,038660848
A_33_P3294951	NM_001097643	TAS2R30	taste receptor, type 2, member 30	ENST00000539585	1,030300594
A_21_P0000155	NM_001204453	PSMC2	proteasome (prosome, macropain) 26S subunit, ATPase, 2	ENST00000460021	1,030166509
A_24_P7202	NM_020738	KIDINS220	kinase D-interacting substrate, 220kDa	ENST00000319688	1,029746113
A_21_P0007774	TCONS_00020953	XLOC_010219			1,028972931
A_21_P0000332	NR_002977	SNORA45	small nucleolar RNA, H/ACA box 45		1,028756136
A_23_P363174	NM_003511	HIST1H2AL	histone cluster 1, H2al	ENST00000357320	1,027758767
A_33_P3227842	NM_001166006	EPB41	erythrocyte membrane protein band 4.1 (elliptocytosis 1, R	ENST00000373797	1,02707625
A_21_P0000389	NR_003073	SNORD91B	small nucleolar RNA, C/D box 91B		1,023480097
A_33_P3334625	AK123321	FLJ41327	FLJ41327 protein		1,023377475
A_21_P0000303	NR_002921	SNORA75	small nucleolar RNA, H/ACA box 75		1,022553127
A_33_P3230837	NR_003006	SCARNA6	small Cajal body-specific RNA 6		1,022109348
A_33_P3795707	CU457294	SNORA16B	small nucleolar RNA, H/ACA box 16B		1,021981422
A_33_P3324137	BC015320	PRO0628	uncharacterized LOC29053		1,020103311
A_21_P0000216	NR_000016	SNORD36C	small nucleolar RNA, C/D box 36C	ENST00000492798	1,01962746
A_33_P3363091	U25801	VAC14	Vac14 homolog (<i>S. cerevisiae</i>)		1,018042281
A_21_P0010673	TCONS_I2_0000180	XLOC_I2_001332			1,016732962
A_23_P408167	NM_001004051	GPRASP2	G protein-coupled receptor associated sorting protein 2	ENST00000332262	1,014406843

A_33_P3267814	NM_001136004	MICAL3	microtubule associated monooxygenase, calponin and LIM d	ENST00000461307	1,013427852
A_33_P3346327	NR_003674	KGFLP1	fibroblast growth factor 7 pseudogene	ENST00000377614	1,013337735
A_33_P3312735	NM_024989	PGAP1	post-GPI attachment to proteins 1	ENST00000422382	1,012938369
A_21_P0000491	NR_004383	SNAR-G1	small ILF3/NF90-associated RNA G1		1,011568435
A_23_P108743	NM_152381	XIRP2	xin actin-binding repeat containing 2	ENST00000295237	1,008862075
A_33_P3270793	NM_145175	FAM84A	family with sequence similarity 84, member A	ENST00000359969	1,007417072
A_33_P3346292	ENST00000379225	UBAP2	ubiquitin associated protein 2	ENST00000379225	1,00569845
A_21_P0001616	TCONS_00001799	XLOC_001188			1,005617217
A_33_P3378935	AB209007	RBM14	RNA binding motif protein 14	ENST00000409372	1,005461049
A_21_P0000239	NR_002434	SNORD101	small nucleolar RNA, C/D box 101		1,005377796
A_21_P0014026	XM_003403523	IGANRP	uncharacterized protein LOC100652933		1,005062047
A_19_P00808213	NM_178549	ZNF678			1,003869406
A_21_P0007089	ENST00000455566	PPP2R2D	protein phosphatase 2, regulatory subunit B, delta	ENST00000455566	1,003856593
A_19_P00807374	TCONS_I2_0002039	XLOC_I2_010558			1,001562466
A_33_P3413667	NM_001136001	ABL2	v-abl Abelson murine leukemia viral oncogene homolog 2	ENST00000392043	1,000349122
A_33_P3351686	NM_001114938	CCDC17	coiled-coil domain containing 17	ENST00000479529	1,000223216
A_33_P3510335	NM_213655	WNK1	WNK lysine deficient protein kinase 1	ENST00000530271	0,999246669
A_21_P0008664	BX538250	SCARNA15	small Cajal body-specific RNA 15		0,998647073
A_24_P198629	NM_001040616	LINS	lines homolog (Drosophila)	ENST00000314742	0,998529228
A_33_P3359763	ENST00000466317	FLCN	folliculin	ENST00000466317	0,997213784
A_24_P23445	NR_029422	RNU12	RNA, U12 small nuclear		0,99696849
A_23_P256244	ENST00000497705	OXR1	oxidation resistance 1	ENST00000497705	0,9964248
A_21_P0004308	TCONS_00010118	XLOC_004584			0,996274867
A_21_P0014861	ENST00000556578	LOC100652952		ENST00000556578	0,994209357
A_24_P737939	NM_001012974	C6orf154	chromosome 6 open reading frame 154	ENST00000468319	0,991784052
A_21_P0013966	ENST00000423269	CLTC-IT1		ENST00000423269	0,991774873
A_33_P3274618	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000427210	0,991694476
A_21_P0013298	NR_024271	SEPT7P2	septin 7 pseudogene 2	ENST00000338231	0,990952299
A_33_P3397323	NM_152355	ZNF441	zinc finger protein 441	ENST00000357901	0,990486164

A_33_P3301752	XR_108277	FLJ21369	uncharacterized protein FLJ21369		0,990183954
A_33_P3216357	NM_001146702	KDM5C	lysine (K)-specific demethylase 5C	ENST00000349663	0,989957466
A_21_P0010755	NM_022064	RNF123	ring finger protein 123	ENST00000443204	0,988331971
A_24_P925635	NR_024271	SEPT7P2	septin 7 pseudogene 2	ENST00000338231	0,98774619
A_24_P475864	NR_003369	RRN3P2	RNA polymerase I transcription factor homolog (<i>S. cerevisiae</i>) pseudogene 2		0,987122313
A_33_P3255755	AK123337	CROCCP2	ciliary rootlet coiled-coil, rootletin pseudogene 2		0,986680046
A_21_P0012894	ENST00000515123	XLOC_I2_011959		ENST00000515123	0,986547424
A_24_P583225	NR_026999	LINC00265	long intergenic non-protein coding RNA 265	ENST00000423687	0,986324371
A_33_P3363082	NR_003008	SCARNA5	small Cajal body-specific RNA 5		0,983731068
A_21_P0010950	THC2554014	XLOC_I2_002033			0,982418568
A_33_P3381781	ENST00000369067	RPRD2	regulation of nuclear pre-mRNA domain containing 2	ENST00000369067	0,980649079
A_33_P3275381	NM_001039580	MAP9	microtubule-associated protein 9	ENST00000393836	0,977684962
A_33_P3308481	NR_002768	HYMAI	hydatidiform mole associated and imprinted (non-protein coding)		0,976027759
A_33_P3267463	ENST00000381984	RFX3	regulatory factor X, 3 (influences HLA class II expression)	ENST00000381984	0,975214313
A_21_P0013766	TCONS_I2_0003022	XLOC_I2_015536			0,973673152
A_21_P0005565	DB461521	XLOC_006132			0,972514315
A_33_P3503937	AK094426	LOC284581	uncharacterized LOC284581		0,972299316
A_23_P16242	NM_021143	ZNF20	zinc finger protein 20	ENST00000430024	0,972222741
A_33_P3526315	BC005372	MGC12488	uncharacterized protein MGC12488		0,972120555
A_33_P3385983	NM_021143	ZNF20	zinc finger protein 20	ENST00000292241	0,971272532
A_21_P0000847	NR_038942	LOC100630918	uncharacterized LOC100630918		0,969552953
A_21_P0009582	TCONS_00026568	XLOC_012886			0,966776277
A_24_P380679	NM_182597	C7orf53	chromosome 7 open reading frame 53	ENST00000312849	0,966314382
A_33_P3289005	NM_001039569	AP1S3	adaptor-related protein complex 1, sigma 3 subunit	ENST00000446015	0,966161498
A_21_P0011910	NM_012124	CHORDC1	cysteine and histidine-rich domain (CHORD) containing 1	ENST00000525317	0,965994107
A_21_P0000267	NR_002583	SNORD72	small nucleolar RNA, C/D box 72		0,965849855
A_33_P3371752	ENST00000371727	EPS15	epidermal growth factor receptor pathway substrate 15	ENST00000371727	0,965815372
A_21_P0011290	TCONS_I2_0000841	XLOC_I2_004563			0,965558204
A_33_P3302632	NM_003523	HIST1H2BE	histone cluster 1, H2be		0,965115962

A_21_P0013164	NR_028093	LPAL2	lipoprotein, Lp(a)-like 2, pseudogene	ENST00000435757	0,964502379
A_23_P23102	NM_145238	ZSCAN20	zinc finger and SCAN domain containing 20	ENST00000326544	0,964305677
A_19_P00805452	TCONS_I2_0002039: XLOC_I2_010558				0,964160513
A_21_P0010675	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000427210	0,964158114
A_24_P393958	NM_007034	DNAJB4	DnaJ (Hsp40) homolog, subfamily B, member 4	ENST00000370763	0,964059694
A_33_P3578477	NR_038381	LOC641467	uncharacterized LOC641467		0,963798826
A_32_P149546	NM_014675	CROCC	ciliary rootlet coiled-coil, rootletin	ENST00000467715	0,963638337
A_23_P211252	NM_001001438	LSS	lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)	ENST00000356396	0,963152847
A_23_P130482	NM_198855	ZNF211	zinc finger protein 211	ENST00000254182	0,962978159
A_21_P0008992	TCONS_00024502	XLOC_011821			0,962903454
A_19_P00315603	TCONS_I2_0003053: XLOC_I2_015760				0,962035218
A_33_P3299319	NM_001136137	RPL28	ribosomal protein L28	ENST00000428193	0,961932143
A_23_P316447	ENST00000496296	FGFR1	fibroblast growth factor receptor 1	ENST00000496296	0,960513234
A_33_P3222769	NM_001013638	PRR25	proline rich 25	ENST00000301698	0,959321573
A_21_P0000502	NR_004407	RNU11	RNA, U11 small nuclear		0,958040723
A_21_P0014606	ENST00000415255	LOC100506950		ENST00000415255	0,957078471
A_21_P0000374	NR_003046	SNORD59B	small nucleolar RNA, C/D box 59B		0,956353158
A_33_P3382595	NR_001445	RN7SK	RNA, 7SK small nuclear	ENST00000421043	0,955948796
A_21_P0000395	NR_003079	SNORD111	small nucleolar RNA, C/D box 111		0,955840361
A_21_P0011826	TCONS_I2_0001384: XLOC_I2_007449				0,954359751
A_23_P217899	NM_030937	CCNL2	cyclin L2	ENST00000480479	0,953910226
A_21_P0011393	ENST00000507787	XLOC_I2_004594		ENST00000507787	0,953799745
A_21_P0003963	ENST00000504494	XLOC_004279		ENST00000504494	0,95291955
A_33_P3248424	NM_138348	FAM105B	family with sequence similarity 105, member B		0,952307085
A_24_P91405	NM_152601	ZNF709	zinc finger protein 709	ENST00000397732	0,951973629
A_33_P3344277	BC057389	HS1BP3	HCLS1 binding protein 3	ENST00000402541	0,951190935
A_24_P918175	BC009864	LOC653581	uncharacterized LOC653581		0,949966825
A_23_P405110	NM_033313	CDC14A	CDC14 cell division cycle 14 homolog A (S. cerevisiae)	ENST00000370124	0,949097854
A_21_P0000281	NR_002737	SNORD59A	small nucleolar RNA, C/D box 59A		0,949050922

A_24_P55148	NM_021058	HIST1H2BJ	histone cluster 1, H2bj	ENST00000339812	0,949037322
A_21_P0000297	NR_002914	SNORD62A	small nucleolar RNA, C/D box 62A	ENST00000426867	0,948455115
A_23_P148600	NR_024616	INE1	inactivation escape 1 (non-protein coding)	ENST00000456273	0,94784274
A_33_P3219601	NM_007314	ABL2	v-abl Abelson murine leukemia viral oncogene homolog 2	ENST00000504405	0,947490424
A_21_P0000461	NR_003686	SNORD125	small nucleolar RNA, C/D box 125		0,946589921
A_23_P428129	NM_000076	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)	ENST00000313407	0,946349191
A_33_P3330323	NM_001080541	MGA	MAX gene associated	ENST00000219905	0,944706571
A_23_P379746	NM_144973	DENND5B	DENN/MADD domain containing 5B	ENST00000354285	0,944619876
A_33_P3281363	BC037956	TRIP12	thyroid hormone receptor interactor 12	ENST00000409677	0,944507895
A_21_P0014786	XR_132568	LOC100507663	uncharacterized LOC100507663		0,943710376
A_33_P3399064	NR_003285	RN5-8S1	RNA, 5.8S ribosomal 1		0,943539661
A_33_P3403952	BC066931	SETD3	SET domain containing 3	ENST00000436070	0,943088175
A_24_P168574	ENST00000481768	GNAS	GNAS complex locus	ENST00000481768	0,940513996
A_33_P3254331	NM_007272	CTRC	chymotrypsin C (caldecrin)	ENST00000375949	0,940262603
A_24_P356	ENST00000406297	AAK1	AP2 associated kinase 1	ENST00000406297	0,940243576
A_23_P360626	NM_178836	PLD6	phospholipase D family, member 6	ENST00000321560	0,940120607
A_23_P371824	NM_020127	TUFT1	tuftelin 1	ENST00000507671	0,939434192
A_33_P3368339	NM_001045477	FAM22G	family with sequence similarity 22, member G	ENST00000354649	0,938381586
A_21_P0000469	NR_003694	SNORD11B	small nucleolar RNA, C/D box 11B		0,938134886
A_23_P344281	NM_001010879	ZIK1	zinc finger protein interacting with K protein 1 homolog (mc	ENST00000307468	0,937806445
A_21_P0000087	NM_001172574	MCPH1	microcephalin 1		0,937721485
A_23_P89327	NM_020652	ZNF286A	zinc finger protein 286A	ENST00000421016	0,937506824
A_23_P433132	NM_173853	KRTCAP3	keratinocyte associated protein 3	ENST00000453171	0,936832123
A_19_P00803342	NM_178549	ZNF678			0,936609605
A_24_P409126	ENST00000378383	FNDC3A	fibronectin type III domain containing 3A	ENST00000378383	0,935958629
A_33_P3357049	NR_026768	RPS15AP10	ribosomal protein S15a pseudogene 10		0,935858597
A_33_P3374035	AK094630	PD XK	pyridoxal (pyridoxine, vitamin B6) kinase		0,935371779
A_23_P211064	NM_013329	GCFC1	GC-rich sequence DNA-binding factor 1	ENST00000472588	0,933581634
A_23_P65208	NM_001039650	ZMYM5	zinc finger, MYM-type 5	ENST00000467542	0,933566098

A_33_P3350343	AK021845	MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)		0,931505295
A_33_P3502037	NM_012124	CHORDC1	cysteine and histidine-rich domain (CHORD) containing 1	ENST00000525317	0,929157688
A_21_P0013834	NM_001017417	CT45A1	cancer/testis antigen family 45, member A1	ENST00000495729	0,925635749
A_24_P921327	ENST00000505317	TAPT1	transmembrane anterior posterior transformation 1	ENST00000505317	0,92536664
A_23_P164737	NM_004831	MED26	mediator complex subunit 26	ENST00000263390	0,925251057
A_21_P0000384	NR_003066	SNORD85	small nucleolar RNA, C/D box 85		0,924704756
A_33_P3290949	ENST00000487043	PTCD3	Pentatricopeptide repeat domain 3	ENST00000487043	0,923650249
A_23_P102286	NM_000233	LHCGR	luteinizing hormone/choriogonadotropin receptor	ENST00000401907	0,922446817
A_23_P54100	NM_001437	ESR2	estrogen receptor 2 (ER beta)	ENST00000357782	0,921886044
A_21_P0000390	NR_003074	SNORD92	small nucleolar RNA, C/D box 92		0,921615818
A_33_P3264667	NM_183374	CYP26C1	cytochrome P450, family 26, subfamily C, polypeptide 1	ENST00000285949	0,92123847
A_23_P35414	NM_005398	PPP1R3C	protein phosphatase 1, regulatory subunit 3C	ENST00000238994	0,919303508
A_21_P0013193	NR_026873	LINC00174	long intergenic non-protein coding RNA 174	ENST00000416572	0,918368778
A_23_P14649	NR_026808	ANP32A-IT1	ANP32A intronic transcript 1 (non-protein coding)		0,918316383
A_19_P00315601	TCONS_I2_0003053	XLOC_I2_015760			0,917621861
A_21_P0007078	TCONS_00018817	XLOC_008614			0,916965366
A_21_P0000254	NR_002560	SNORD31	small nucleolar RNA, C/D box 31		0,915461436
A_19_P00812562	XM_001716361	LOC388210	apolipoporphins-like		0,914972147
A_21_P0000381	NR_003058	SNORD70	small nucleolar RNA, C/D box 70		0,914952088
A_23_P96590	NM_014710	GPRASP1	G protein-coupled receptor associated sorting protein 1	ENST00000361600	0,914701015
A_21_P0014686	XR_111617	LOC100507918	uncharacterized LOC100507918		0,914214753
A_23_P167920	NM_005618	DLL1	delta-like 1 (Drosophila)	ENST00000366756	0,913914709
A_23_P67278	NM_005815	ZNF443	zinc finger protein 443	ENST00000411622	0,913784143
A_21_P0000708	NR_037933	C14orf55	metalloproteinase-disintegrin 1-2 pseudogene	ENST00000556964	0,913663248
A_33_P3373139	ENST00000470139	SZT2	seizure threshold 2 homolog (mouse)	ENST00000470139	0,913224856
A_23_P376686	NM_019602	BTNL2	butyrophilin-like 2 (MHC class II associated)	ENST00000374993	0,913069052
A_33_P3383065	NM_001195150	LOC100130705	uncharacterized LOC100130705		0,913054597
A_21_P0003154	NR_028303	LOC100302640	uncharacterized LOC100302640		0,913019287
A_21_P0006122	TCONS_00015913	XLOC_007276			0,912834546

A_23_P147439	NM_148416	ATXN2L	ataxin 2-like	ENST00000359153	0,912250045
A_23_P423074	NM_015566	FAM169A	family with sequence similarity 169, member A	ENST00000510609	0,911914237
A_33_P3264379	NR_027049	ZNF788	zinc finger family member 788	ENST00000397759	0,910352563
A_23_P309950	ENST00000370271	FAM178A	family with sequence similarity 178, member A	ENST00000370271	0,909684738
A_33_P3372069	NM_182971	COX8C	cytochrome c oxidase subunit VIIIc	ENST00000342144	0,905467206
A_23_P30254	NM_006622	PLK2	polo-like kinase 2	ENST00000502671	0,905461871
A_33_P3270218	ENST00000404008	USP42	ubiquitin specific peptidase 42	ENST00000404008	0,905215583
A_33_P3265956	ENST00000397798	CBFA2T2	core-binding factor, runt domain, alpha subunit 2; translocat	ENST00000397798	0,904834488
A_33_P3362652	NM_001005514	OR5H14	olfactory receptor, family 5, subfamily H, member 14	ENST00000437310	0,904363921
A_23_P20722	NM_003086	SNAPC4	small nuclear RNA activating complex, polypeptide 4, 190kD	ENST00000298532	0,904154349
A_21_P0000285	NR_002744	SNORD49A	small nucleolar RNA, C/D box 49A		0,904044481
A_33_P3345796	ENST00000368982	SNX3	sorting nexin 3	ENST00000368982	0,903980197
A_21_P0000557	NR_028303	LOC100302640	uncharacterized LOC100302640		0,90315748
A_33_P3407339	NM_206921	C6orf204	chromosome 6 open reading frame 204	ENST00000392500	0,902764463
A_33_P3423700	AK124002	LOC100131829	uncharacterized LOC100131829		0,902704963
A_21_P0011131	NR_027248	ANKRD26P3	ankyrin repeat domain 26 pseudogene 3		0,901917004
A_21_P0002502	TCONS_00004440	XLOC_002313			0,901895453
A_23_P141345	NM_001932	MPP3	membrane protein, palmitoylated 3 (MAGUK p55 subfamily)	ENST00000398389	0,900613786
A_33_P3254306	ENST00000389168	FLCN	folliculin	ENST00000389168	0,898849319
A_24_P912372	NM_015038	KIAA0754	KIAA0754	ENST00000530275	0,898027799
A_23_P57007	AF090938	LOC100127886	uncharacterized LOC100127886		0,897885543
A_33_P3385376	NM_001040709	SYPL2	synaptophysin-like 2		0,89768723
A_33_P3671291	AA378382	SNORA12	small nucleolar RNA, H/ACA box 12		0,897413003
A_23_P350895	ENST00000317419	RABGAP1	RAB GTPase activating protein 1	ENST00000317419	0,897372478
A_33_P3415321	NR_002329	ST7-OT4	ST7 overlapping transcript 4 (non-protein coding)	ENST00000397750	0,897355117
A_33_P3214785	AK094801	LEPROT	leptin receptor overlapping transcript		0,89662267
A_33_P3300800	NR_024042	GUCY2E	guanylate cyclase 2E	ENST00000526984	0,896339734
A_33_P3209254	AK097937	RPS16P5	ribosomal protein S16 pseudogene 5		0,894578729
A_21_P0000265	NR_002580	SNORA3	small nucleolar RNA, H/ACA box 3	ENST00000530585	0,893679682

A_33_P3394065	ENST00000376565	PIP4K2A	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	ENST00000376565	0,893659271
A_33_P3344492	NR_002997	SCARNA1	small Cajal body-specific RNA 1		0,893231845
A_21_P0001010	TCONS_00000293	XLOC_000377			0,892501079
A_21_P0001652	TCONS_00001898	XLOC_001286			0,892425084
A_21_P0014462	XR_109944	ZNF638-IT1	ZNF638 intronic transcript 1 (non-protein coding)		0,892355414
A_21_P0000462	NR_003687	SNORD19B	small nucleolar RNA, C/D box 19B	ENST00000496254	0,892153463
A_33_P3209816	NM_207325	DPY19L3	dpy-19-like 3 (C. elegans)	ENST00000392248	0,891891962
A_33_P3281532	NM_022780	RMND5A	required for meiotic nuclear division 5 homolog A (S. cerevisiae)	ENST00000283632	0,891749577
A_33_P3411307	AK128269	LOC100130276	uncharacterized LOC100130276		0,891400728
A_23_P65797	NM_022480	KLHL25	kelch-like 25 (Drosophila)	ENST00000337975	0,890112712
A_23_P156809	NM_001127395	METTL21A	methyltransferase like 21A	ENST00000412930	0,889521556
A_21_P0000344	NM_001007074	RPL32	ribosomal protein L32	ENST00000396953	0,888487866
A_32_P70724	NM_006618	KDM5B	lysine (K)-specific demethylase 5B	ENST00000538292	0,888341107
A_23_P143845	NM_015508	TIPARP	TCDD-inducible poly(ADP-ribose) polymerase	ENST00000461166	0,888203993
A_23_P415643	NM_152652	ZNF48	zinc finger protein 48	ENST00000320159	0,888043483
A_23_P92860	NM_021147	CCNO	cyclin O	ENST00000501463	0,887014926
A_33_P3214209	NR_027027	GUSBP1	glucuronidase, beta pseudogene 1	ENST00000508973	0,886839931
A_23_P411723	NM_002655	PLAG1	pleiomorphic adenoma gene 1	ENST00000316981	0,886564965
A_21_P0010437	TCONS_00029688	XLOC_014356			0,886438801
A_23_P254212	NM_013347	RPA4	replication protein A4, 30kDa	ENST00000373040	0,886390219
A_23_P254025	NM_003408	ZFP37	zinc finger protein 37 homolog (mouse)	ENST00000555206	0,885911754
A_33_P3422429	ENST00000459752	INADL	InaD-like (Drosophila)	ENST00000459752	0,884748203
A_21_P0003157	TCONS_00006602	XLOC_003209			0,884103817
A_23_P16022	NM_005773	ZNF256	zinc finger protein 256	ENST00000282308	0,882775113
A_21_P0011424	THC2662045	XLOC_I2_005179			0,881770608
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,881737037
A_19_P00318561	XR_108763	LOC100506516	uncharacterized LOC100506516	ENST00000414621	0,881658233
A_21_P0013439	ENST00000412091	XLOC_I2_013873		ENST00000412091	0,881575777
A_21_P0014278	NR_045382	LOC100507066	uncharacterized LOC100507066		0,880895887

A_21_P0013979	XM_003119000	LOC100506073				0,880843517
A_24_P68019	NM_138347	ZNF551	zinc finger protein 551		ENST00000282296	0,880803055
A_21_P0011310	NM_004667	HERC2	hect domain and RLD 2		ENST00000261609	0,880308586
A_33_P3270192	ENST00000409401	DIS3L2	DIS3 mitotic control homolog (S. cerevisiae)-like 2		ENST00000409401	0,879682087
A_21_P0011130	THC2506137	XLOC_I2_003647				0,878699742
A_23_P410717	NM_144697	C1orf51	chromosome 1 open reading frame 51		ENST00000290363	0,878181594
A_21_P0011357	NR_024074	GOLGA8IP	golgin A8 family, member I, pseudogene		ENST00000339078	0,877277364
A_33_P3400758	NM_152791	ZNF555	zinc finger protein 555		ENST00000382127	0,877240908
A_33_P3403254	NM_001080404	ZNF878	zinc finger protein 878		ENST00000440730	0,876339912
A_21_P0004700	ENST00000434562	XLOC_005526			ENST00000434562	0,875654465
A_33_P3251347	ENST00000378928	TAB3	TGF-beta activated kinase 1/MAP3K7 binding protein 3		ENST00000378928	0,875271061
A_24_P177568	NM_133473	ZNF431	zinc finger protein 431		ENST00000311048	0,874763481
A_33_P3226995	NM_006137	CD7	CD7 molecule		ENST00000312648	0,874414938
A_21_P0011489	TCONS_I2_0001028	XLOC_I2_005553				0,874303782
A_23_P301328	ENST00000476313	PDXK	pyridoxal (pyridoxine, vitamin B6) kinase		ENST00000476313	0,874272461
A_21_P0007320	THC2496717	XLOC_009378				0,874016063
A_33_P3416127	AK093799	LOC100132800	uncharacterized LOC100132800			0,873934639
A_33_P3404097	NR_002836	PGM5P2	phosphoglucomutase 5 pseudogene 2		ENST00000428647	0,872368218
A_33_P3303748	NM_017990	PDPR	pyruvate dehydrogenase phosphatase regulatory subunit		ENST00000429810	0,871992408
A_33_P3256695	NM_017892	PRPF40A	PRP40 pre-mRNA processing factor 40 homolog A (S. cerevi		ENST00000410080	0,871969681
A_21_P0013977	ENST00000493650	PCID2	PCI domain containing 2		ENST00000493650	0,871963338
A_33_P3304304	ENST00000394478	STAG2	stromal antigen 2		ENST00000394478	0,871243283
A_33_P3338634	NM_001146261	SYT14	synaptotagmin XIV		ENST00000367019	0,871207255
A_21_P0005460	ENST00000469418	XLOC_006324			ENST00000469418	0,870921389
A_21_P0006998	TCONS_00018521	XLOC_008828				0,870825645
A_23_P16817	NM_004071	CLK1	CDC-like kinase 1		ENST00000496205	0,870529115
A_33_P3254013	ENST00000515868	GAK	cyclin G associated kinase		ENST00000515868	0,869499253
A_33_P3383184	ENST00000394967	SP9	Sp9 transcription factor homolog (mouse)		ENST00000394967	0,869398402
A_33_P3334590	NM_017762	MTMR10	myotubularin related protein 10		ENST00000340566	0,868256849

A_33_P3390027	ENST00000405068	EXOC7	exocyst complex component 7	ENST00000405068	0,867468763
A_33_P3314436	NM_001163315	FBXL17	F-box and leucine-rich repeat protein 17	ENST00000481160	0,867097548
A_21_P0012709	AK098398	HMP19	HMP19 protein		0,867092874
A_21_P0012993	ENST00000447012	XLOC_I2_012081		ENST00000447012	0,866158684
A_24_P376129	ENST00000374057	DFNB31	deafness, autosomal recessive 31	ENST00000374057	0,86611387
A_23_P11070	NM_032553	GPR174	G protein-coupled receptor 174	ENST00000276077	0,865730655
A_21_P0003865	TCONS_00008948	XLOC_003802			0,865620687
A_32_P173298	NM_012426	SF3B3	splicing factor 3b, subunit 3, 130kDa	ENST00000310750	0,865013945
A_33_P3264780	NM_001260	CDK8	cyclin-dependent kinase 8	ENST00000477290	0,863994163
A_23_P13822	NM_018423	STYK1	serine/threonine/tyrosine kinase 1	ENST00000075503	0,863890345
A_24_P833256	XR_132625	LOC100506898	mago-nashi homolog, proliferation-associated (Drosophila)	pseudogene	0,862646113
A_23_P16652	NM_152791	ZNF555	zinc finger protein 555	ENST00000334241	0,862436017
A_21_P0014584	XR_110384	LOC100507153	uncharacterized LOC100507153		0,862389445
A_21_P0013746	TCONS_I2_00030111	XLOC_I2_015438			0,862337203
A_33_P3422659	NM_018972	GDAP1	ganglioside-induced differentiation-associated protein 1		0,861976842
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,861533831
A_23_P34877	NM_022768	RBM15	RNA binding motif protein 15	ENST00000487146	0,861196175
A_23_P320530	NM_001010880	ZNF780A	zinc finger protein 780A	ENST00000455521	0,860553894
A_21_P0000298	NR_002916	SNORD8	small nucleolar RNA, C/D box 8		0,86028554
A_33_P3290443	NR_002569	SCARNA9	small Cajal body-specific RNA 9	ENST00000530422	0,86020454
A_21_P0006885	AL353951	XLOC_008528			0,860056787
A_21_P0000377	NR_003054	SNORD65	small nucleolar RNA, C/D box 65		0,859841611
A_21_P0000197	NM_021064	HIST1H2AG	histone cluster 1, H2ag	ENST00000359193	0,859813133
A_21_P0000730	NR_038235	LOC100507651	uncharacterized LOC100507651		0,859499274
A_21_P0007530	TCONS_00020350	XLOC_009681			0,859290047
A_23_P153767	NM_014371	AKAP8L	A kinase (PRKA) anchor protein 8-like	ENST00000397410	0,859201148
A_21_P0009088	TCONS_00024776	XLOC_012051			0,858955587
A_33_P3665553	AK126241	LOC100233156	tektin 4 pseudogene		0,858663365
A_33_P3358943	NM_000839	GRM2	glutamate receptor, metabotropic 2	ENST00000464585	0,858058472

A_23_P371682	NM_005708	GPC6	glypican 6	ENST00000377047	0,857369264
A_24_P15325	AJ301560	XKR6	XK, Kell blood group complex subunit-related family, memb	ENST00000297303	0,856719591
A_23_P4850	NM_145233	ZNF625	zinc finger protein 625	ENST00000439556	0,856154856
A_24_P291658	NM_000667	ADH1A	alcohol dehydrogenase 1A (class I), alpha polypeptide	ENST00000412614	0,856057087
A_33_P3247848	NM_001144989	ZNF814	zinc finger protein 814	ENST00000435989	0,855954976
A_33_P3212037	ENST00000369475	RNGTT	RNA guanylyltransferase and 5'-phosphatase	ENST00000369475	0,854890567
A_23_P46396	NM_021190	PTBP2	polypyrimidine tract binding protein 2	ENST00000394176	0,854123303
A_24_P375205	ENST00000389126	MKL2	MKL/myocardin-like 2	ENST00000389126	0,853538453
A_23_P167882	NM_052872	IL17F	interleukin 17F	ENST00000478427	0,853302779
A_23_P160869	NM_014813	LRIG2	leucine-rich repeats and immunoglobulin-like domains 2	ENST00000466161	0,851723841
A_33_P3326588	NM_003840	TNFRSF10D	tumor necrosis factor receptor superfamily, member 10d, d	ENST00000312584	0,851679104
A_33_P3295749	ENST00000378689	GLIPR1L2	GLI pathogenesis-related 1 like 2	ENST00000378689	0,850792389
A_21_P0002647	THC2564285	XLOC_001974			0,850188048
A_33_P3373892	ENST00000376040	NAA35	N(alpha)-acetyltransferase 35, NatC auxiliary subunit	ENST00000376040	0,849813314
A_33_P3296198	NM_001164479	C5orf63	chromosome 5 open reading frame 63	ENST00000418539	0,8494774
A_21_P0003061	ENST00000481679	NAALADL2	N-acetylated alpha-linked acidic dipeptidase-like 2	ENST00000481679	0,849371344
A_33_P3311653	ENST00000507766	PDS5A	PDS5, regulator of cohesion maintenance, homolog A (S. ce	ENST00000507766	0,848808441
A_32_P151875	NM_020781	ZNF398	zinc finger protein 398	ENST00000426851	0,848603795
A_33_P3294961	ENST00000398475	LAT2	linker for activation of T cells family, member 2	ENST00000398475	0,848599097
A_33_P3248863	NM_213597	KRBA2	KRAB-A domain containing 2	ENST00000331336	0,848263821
A_21_P0005577	TCONS_00014217	XLOC_006258			0,848187566
A_21_P0000483	NR_003941	SNORD75	small nucleolar RNA, C/D box 75		0,847816863
A_23_P385126	NM_139160	DEPDC7	DEP domain containing 7	ENST00000311388	0,847282631
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,847150181
A_33_P3416301	NM_198256	E2F6	E2F transcription factor 6	ENST00000362009	0,847036125
A_33_P3411122	ENST00000489404	PRPS2	phosphoribosyl pyrophosphate synthetase 2	ENST00000489404	0,846325891
A_32_P427222	ENST00000487979	HEATR7B1	HEAT repeat containing 7B1	ENST00000487979	0,846178629
A_21_P0004619	ENST00000414364	XLOC_005927		ENST00000414364	0,846151895
A_21_P0000270	NR_002586	SNORA63	small nucleolar RNA, H/ACA box 63	ENST00000494445	0,845878484

A_23_P46690	NM_203376	TMEM81	transmembrane protein 81	ENST00000367167	0,84571556
A_33_P3299421	NM_020880	ZNF530	zinc finger protein 530	ENST00000332854	0,845324641
A_33_P3233764	NM_004690	LATS1	LATS, large tumor suppressor, homolog 1 (Drosophila)	ENST00000392273	0,844722641
A_33_P3651282	ENST00000546204	TCP1	t-complex 1	ENST00000546204	0,844559848
A_32_P140706	NM_000535	PMS2	PMS2 postmeiotic segregation increased 2 (S. cerevisiae)	ENST00000338780	0,843855744
A_33_P3323347	NM_152475	ZNF417	zinc finger protein 417	ENST00000312026	0,843838404
A_21_P0014690	XR_111671	LOC100508869	uncharacterized LOC100508869		0,843597822
A_33_P3420496	NR_003015	SNORA53	small nucleolar RNA, H/ACA box 53		0,841748408
A_23_P91850	NM_144717	IL20RB	interleukin 20 receptor beta	ENST00000475972	0,841388131
A_33_P3327697	NR_027046	LOC145474	uncharacterized LOC145474		0,841305128
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,840120928
A_33_P3302676	ENST00000485159	TLE4	transducin-like enhancer of split 4 (E(sp1) homolog, Drosop	ENST00000485159	0,839378025
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,839152859
A_21_P0002938	TCONS_00005966	XLOC_002597			0,839037716
A_21_P0008352	ENST00000553944	XLOC_010859		ENST00000553944	0,837943136
A_33_P3353030	NM_003353	UCN	urocortin	ENST00000296099	0,837861308
A_21_P0011312	TCONS_I2_0000854	XLOC_I2_004611			0,837640377
A_21_P0006454	AK128305	FLJ46446	uncharacterized LOC441501		0,837544877
A_21_P0001152	ENST00000436200	XLOC_000918		ENST00000436200	0,836637418
A_33_P3389478	ENST00000380799	SNAPC3	small nuclear RNA activating complex, polypeptide 3, 50kDa	ENST00000380799	0,836414944
A_33_P3319810	NM_152698	FAM123C	family with sequence similarity 123C	ENST00000423981	0,836401045
A_21_P0014261	XR_109038	LOC100507128	uncharacterized LOC100507128		0,835556788
A_33_P3366859	NM_001187	BAGE	B melanoma antigen	ENST00000470054	0,835329884
A_21_P0003480	ENST00000510744	XLOC_003988		ENST00000510744	0,833876874
A_21_P0006532	TCONS_00017313	XLOC_008149			0,833534441
A_23_P372860	NM_003512	HIST1H2AC	histone cluster 1, H2ac	ENST00000377791	0,833304091
A_21_P0011931	NM_170606	MLL3	myeloid/lymphoid or mixed-lineage leukemia 3	ENST00000436174	0,832521526
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,832486584
A_21_P0007676	TCONS_00020667	XLOC_009971			0,832313749

A_33_P3299386	NM_001039654	ZNF550	zinc finger protein 550	ENST00000506609	0,831855017
A_21_P0014437	XR_109797	LOC100505930	uncharacterized LOC100505930		0,831839846
A_33_P3397795	AK095489	C14orf135	chromosome 14 open reading frame 135	ENST00000406949	0,831305973
A_24_P321634	NM_001039650	ZMYM5	zinc finger, MYM-type 5	ENST00000467542	0,831265193
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,83109225
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,830693435
A_33_P3361811	NM_024561	NAA16	N(alpha)-acetyltransferase 16, NatA auxiliary subunit	ENST00000379367	0,830385128
A_33_P3276455	NM_006618	KDM5B	lysine (K)-specific demethylase 5B	ENST00000543924	0,829997046
A_21_P0014061	ENST00000445098	NCRNA00083		ENST00000445098	0,829380097
A_21_P0010480	TCONS_00029924	XLOC_014399			0,829238042
A_21_P0000279	NR_002735	SNORD61	small nucleolar RNA, C/D box 61		0,828381792
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,827958635
A_33_P3374952	NM_173484	KLF17	Kruppel-like factor 17	ENST00000372299	0,827907909
A_21_P0000244	NR_002440	SNORD16	small nucleolar RNA, C/D box 16		0,827796016
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,826768901
A_21_P0007057	NR_024497	LOC399744	uncharacterized LOC399744	ENST00000423687	0,826693391
A_33_P3224483	BC020495	RABL2B	RAB, member of RAS oncogene family-like 2B	ENST00000395590	0,826503683
A_33_P3305770	ENST00000389311	NBR1	neighbor of BRCA1 gene 1	ENST00000389311	0,826429399
A_23_P20480	NM_018310	BRF2	BRF2, subunit of RNA polymerase III transcription initiation	ENST00000220659	0,826426454
A_23_P323943	NM_178498	SLC5A12	solute carrier family 5 (sodium/glucose cotransporter), mer	ENST00000280467	0,826343298
A_32_P139738	NR_002827	HERC2P4	hect domain and RLD 2 pseudogene 4		0,826144444
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,825926466
A_21_P0010684	ENST00000457084	XLOC_l2_000010		ENST00000457084	0,825824088
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,825618478
A_32_P37592	NR_003003	SCARNA17	small Cajal body-specific RNA 17		0,825544967
A_33_P3288357	ENST00000373293	C9orf117	chromosome 9 open reading frame 117	ENST00000373293	0,82514048
A_21_P0000227	NR_001285	SNORD35B	small nucleolar RNA, C/D box 35B		0,824571369
A_24_P101047	NM_020931	KIAA1586	KIAA1586	ENST00000545356	0,824198119
A_33_P3345608	NM_001202438	C10orf137	chromosome 10 open reading frame 137	ENST00000392732	0,82372278

A_21_P0013194	NR_039983	LOC729737	uncharacterized LOC729737	ENST00000423728	0,823397422
A_33_P3387566	NR_026770	C17orf88	chromosome 17 open reading frame 88	ENST00000458392	0,823213346
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,823093205
A_21_P0000037	NM_001163391	ZSCAN12	zinc finger and SCAN domain containing 12		0,822712045
A_33_P3236267	NM_172239	REXO1L1	REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 1	ENST00000505089	0,822243318
A_33_P3251821	NR_003545	C5orf44	chromosome 5 open reading frame 44	ENST00000510585	0,821857
A_24_P48403	NM_005433	YES1	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1	ENST00000314574	0,821706659
A_33_P3235706	BC048301	ZCCHC11	zinc finger, CCHC domain containing 11	ENST00000355809	0,821177531
A_24_P942017	NR_034127	LOC100132356	uncharacterized LOC100132356		0,821102
A_33_P3318946	NM_021817	HAPLN2	hyaluronan and proteoglycan link protein 2	ENST00000255039	0,820332855
A_33_P3351934	NR_024117	MSTO2P	misato homolog 2 pseudogene		0,820303329
A_33_P3270172	NR_027022	LOC127841	uncharacterized LOC127841		0,820234806
A_33_P3384667	BC022967	DCAF5	DDB1 and CUL4 associated factor 5	ENST00000389997	0,820120497
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,819797526
A_32_P430695	NM_178339	C3orf35	chromosome 3 open reading frame 35	ENST00000452017	0,819596235
A_33_P3219720	ENST00000485560	ZNF248	zinc finger protein 248	ENST00000485560	0,819572597
A_24_P456723	NR_038386	LOC728537	uncharacterized LOC728537	ENST00000451384	0,81952631
A_23_P369328	NM_145306	C10orf35	chromosome 10 open reading frame 35	ENST00000373279	0,81906127
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,818773429
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,818671076
A_21_P0013308	TCONS_I2_0002659; XLOC_I2_013846				0,818566136
A_23_P115161	NM_002036	DARC	Duffy blood group, chemokine receptor	ENST00000435307	0,817729712
A_21_P0000245	NR_002441	SNORD18A	small nucleolar RNA, C/D box 18A		0,817212704
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,816878453
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,816466187
A_33_P3421219	AK001442	LOC647070	uncharacterized LOC647070		0,816464163
A_19_P00315826	EF413001	XLOC_001148			0,816212134
A_23_P107283	NM_002145	HOXB2	homeobox B2	ENST00000330070	0,815929747
A_23_P26386	NM_016140	TPPP3	tubulin polymerization-promoting protein family member 3	ENST00000290942	0,815908707

A_21_P0014601	ENST00000466213	SFPQ	splicing factor proline/glutamine-rich	ENST00000466213	0,815616324
A_23_P251785	NM_024561	NAA16	N(alpha)-acetyltransferase 16, NatA auxiliary subunit	ENST00000379406	0,815069282
A_21_P0002348	TCONS_00004017	XLOC_001856			0,814863841
A_23_P124946	NM_153610	CMYA5	cardiomyopathy associated 5	ENST00000446378	0,81426021
A_33_P3224307	NR_003010	SCARNA12	small Cajal body-specific RNA 12	ENST00000537646	0,814207896
A_21_P0005632	AK130001	XLOC_006857			0,81396676
A_23_P160004	NM_182660	UTY	ubiquitously transcribed tetratricopeptide repeat gene, Y-lir	ENST00000545955	0,813871892
A_21_P0000486	NR_004054	SNORD103A	small nucleolar RNA, C/D box 103A		0,813440242
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,813122653
A_21_P0000337	NR_002983	SNORA55	small nucleolar RNA, H/ACA box 55		0,812826117
A_33_P3267460	NM_134428	RFX3	regulatory factor X, 3 (influences HLA class II expression)	ENST00000381984	0,812459206
A_23_P169494	NM_000607	ORM1	orosomuroid 1	ENST00000477456	0,812403701
A_24_P194748	NM_001080485	ZNF275	zinc finger protein 275	ENST00000421401	0,812314492
A_32_P182388	NM_021217	ZNF77	zinc finger protein 77	ENST00000314531	0,812298603
A_21_P0000388	NR_003072	SNORD91A	small nucleolar RNA, C/D box 91A		0,812271636
A_21_P0012262	TCONS_I2_0001765	XLOC_I2_009331			0,812133333
A_21_P0003331	ENST00000418666	XLOC_003427		ENST00000418666	0,812024975
A_21_P0001551	THC2675475	XLOC_000922			0,8119605
A_21_P0001880	ENST00000453951	XLOC_001537		ENST00000453951	0,811505774
A_21_P0001725	ENST00000424948	XLOC_000808		ENST00000424948	0,811499481
A_23_P301984	NM_001007090	C8orf48	chromosome 8 open reading frame 48	ENST00000297324	0,810980341
A_33_P3251841	NM_032160	DSEL	dermatan sulfate epimerase-like	ENST00000397964	0,810744219
A_21_P0000339	NR_002985	SNORA58	small nucleolar RNA, H/ACA box 58		0,810581391
A_21_P0011463	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinas	ENST00000447140	0,81031189
A_21_P0011465	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinas	ENST00000447140	0,809633453
A_33_P3366141	AK094244	LOC100130269	uncharacterized LOC100130269		0,809433789
A_21_P0010949	ENST00000420424	XLOC_I2_002033		ENST00000420424	0,809064631
A_23_P308673	NM_004783	TAOK2	TAO kinase 2	ENST00000279394	0,808214405
A_33_P3232204	XR_110259	LOC100128343	uncharacterized LOC100128343		0,807906573

A_23_P85269	NM_133378	TTN	titin	ENST00000356127	0,80709003
A_21_P0010476	THC2660954	XLOC_014336			0,806877801
A_23_P354894	NM_152603	ZNF567	zinc finger protein 567	ENST00000360729	0,806796874
A_21_P0000296	NR_002913	SNORD63	small nucleolar RNA, C/D box 63		0,806673999
A_33_P3217490	NR_038388	LOC729444	uncharacterized LOC729444	ENST00000415704	0,80594117
A_33_P3321275	NM_170606	MLL3	myeloid/lymphoid or mixed-lineage leukemia 3	ENST00000436174	0,805736898
A_33_P3210160	NM_001195605	ZNF865	zinc finger protein 865	ENST00000443271	0,805512478
A_33_P3326812	AK127768	LOC100130152	uncharacterized LOC100130152		0,805235951
A_33_P3302423	NM_001142640	TNRC6C	trinucleotide repeat containing 6C	ENST00000335749	0,80504209
A_33_P3800496	BX470739	SNORA46	small nucleolar RNA, H/ACA box 46		0,804948355
A_24_P170774	NM_015116	LRCH1	leucine-rich repeats and calponin homology (CH) domain cc	ENST00000389798	0,80480158
A_32_P34920	NM_004472	FOXD1	forkhead box D1		0,804681452
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,804414985
A_21_P0000282	NR_002739	SNORD56	small nucleolar RNA, C/D box 56	ENST00000413522	0,804274919
A_33_P3218138	NM_000937	POLR2A	polymerase (RNA) II (DNA directed) polypeptide A, 220kDa	ENST00000322644	0,804022623
A_21_P0003792	TCONS_00008639	XLOC_004144			0,803746966
A_21_P0009344	TCONS_00025725	XLOC_012542			0,803707787
A_33_P3242923	NR_038358	LOC283553	uncharacterized LOC283553	ENST00000554409	0,80284032
A_23_P100420	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,802832477
A_33_P3239654	AK056727	HCG4B	HLA complex group 4B (non-protein coding)		0,802711478
A_24_P341923	NM_020964	EPG5	ectopic P-granules autophagy protein 5 homolog (C. elegans)	ENST00000308403	0,802420737
A_21_P0000358	NR_003017	SNORA71C	small nucleolar RNA, H/ACA box 71C		0,802032136
A_33_P3388491	NM_001040125	PQLC2	PQ loop repeat containing 2	ENST00000375153	0,800109254
A_21_P0012877	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000491962	0,799978082
A_24_P102920	NM_001006622	WDR33	WD repeat domain 33	ENST00000409658	0,799067601
A_21_P0005609	NR_024586	LOC100216545	uncharacterized LOC100216545		0,799058222
A_23_P45955	NM_014466	TEKT2	tektin 2 (testicular)	ENST00000469024	0,799027543
A_33_P3252068	NM_030647	JHDM1D	jumonji C domain containing histone demethylase 1 homolog	ENST00000006967	0,798849821
A_32_P178945	NM_018566	YOD1	YOD1 OTU deubiquinating enzyme 1 homolog (S. cerevisiae)	ENST00000367084	0,798652705

A_21_P0000983	ENST00000449140	XLOC_000233		ENST00000449140	0,798494252
A_33_P3293169	NM_017749	AMBRA1	autophagy/beclin-1 regulator 1	ENST00000314823	0,798272781
A_21_P0000352	NR_003005	SCARNA4	small Cajal body-specific RNA 4		0,798205051
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,797958613
A_23_P114353	NM_032946	NXF5	nuclear RNA export factor 5	ENST00000263032	0,797450807
A_33_P3227217	NR_002989	SNORA81	small nucleolar RNA, H/ACA box 81	ENST00000475409	0,796521285
A_23_P389897	NM_002507	NGFR	nerve growth factor receptor	ENST00000172229	0,795627606
A_23_P55880	NM_144976	ZNF564	zinc finger protein 564	ENST00000339282	0,795020078
A_33_P3345743	NR_003242	PFN1P2	profilin 1 pseudogene 2		0,794523956
A_21_P0011462	TCONS_I2_0001008	XLOC_I2_005438			0,794202956
A_21_P0000224	NR_000027	SNORD83A	small nucleolar RNA, C/D box 83A		0,793461311
A_23_P252306	NM_002165	ID1	inhibitor of DNA binding 1, dominant negative helix-loop-he	ENST00000376105	0,793299196
A_21_P0009055	THC2604051	XLOC_012003			0,792776733
A_21_P0000294	NR_002910	SNORA71B	small nucleolar RNA, H/ACA box 71B		0,792748065
A_19_P00315649	ENST00000530955	LOC100507165		ENST00000530955	0,792400056
A_33_P3367795	ENST00000380381	RPS6	ribosomal protein S6	ENST00000380381	0,791719313
A_21_P0012166	BC039367	XLOC_I2_008910			0,791688071
A_24_P145911	ENST00000342294	TRA2B	transformer 2 beta homolog (Drosophila)	ENST00000342294	0,790972881
A_33_P3254431	AK054818	C1orf86	chromosome 1 open reading frame 86		0,790877915
A_33_P3334292	AK123006	PPIAL4G	peptidylprolyl isomerase A (cyclophilin A)-like 4G		0,790497579
A_33_P3287879	NM_003536	HIST1H3H	histone cluster 1, H3h	ENST00000369163	0,789889899
A_24_P941708	NM_001042417	RUFY2	RUN and FYVE domain containing 2	ENST00000399200	0,789627028
A_23_P347508	NM_023077	SELRC1	Sel1 repeat containing 1	ENST00000371538	0,789559964
A_21_P0000375	NR_003047	SNORD19	small nucleolar RNA, C/D box 19		0,789240933
A_33_P3398181	XR_111781	LOC100127909	uncharacterized LOC100127909		0,789157197
A_33_P3262665	NM_024597	MAP7D3	MAP7 domain containing 3	ENST00000370663	0,789128518
A_23_P92672	NM_002538	OCLN	occludin	ENST00000514370	0,788725889
A_21_P0010774	THC2542300	XLOC_I2_001091			0,787931904
A_33_P3233834	NM_001190981	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000542298	0,787726005

A_33_P3226542	NR_003271	SNORD3B-1	small nucleolar RNA, C/D box 3B-1		0,787104082
A_21_P0010959	TCONS_I2_0000433	XLOC_I2_002194			0,7865424
A_24_P120109	NM_198963	DHX57	DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57	ENST00000355320	0,786297758
A_33_P3262485	NM_145276	ZNF563	zinc finger protein 563	ENST00000293725	0,785853556
A_23_P45913	NM_004814	SNRNP40	small nuclear ribonucleoprotein 40kDa (U5)	ENST00000474025	0,785642511
A_33_P3245454	NR_027420	LOC389834	ankyrin repeat domain 57 pseudogene		0,78553047
A_33_P3214432	NM_080660	ZC3HAV1L	zinc finger CCCH-type, antiviral 1-like	ENST00000358573	0,78552616
A_23_P97700	NM_006472	TXNIP	thioredoxin interacting protein	ENST00000475171	0,785041389
A_21_P0007203	TCONS_00019285	XLOC_009118			0,784518634
A_19_P00315493	NR_027046	LOC145474	uncharacterized LOC145474		0,784393725
A_21_P0014925	DA569430	LOC100505857			0,784098904
A_33_P3292179	NM_080283	ABCA9	ATP-binding cassette, sub-family A (ABC1), member 9	ENST00000370732	0,7840687
A_21_P0014046	XM_003403783	LOC100653120	uncharacterized LOC100653120		0,783757648
A_21_P0014806	XR_132626	LOC100507131	uncharacterized LOC100507131		0,783484822
A_33_P3262133	ENST00000312756	GFM1	G elongation factor, mitochondrial 1	ENST00000312756	0,783257358
A_21_P0000316	NR_002960	SNORA20	small nucleolar RNA, H/ACA box 20		0,783025285
A_23_P308954	NM_030639	BHLHB9	basic helix-loop-helix domain containing, class B, 9	ENST00000457056	0,783014942
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,782888463
A_32_P118847	NR_021491	FLJ42709	uncharacterized LOC441094		0,782756477
A_21_P0003179	TCONS_00006667	XLOC_003263			0,78242274
A_33_P3286002	AK125618	VKORC1	vitamin K epoxide reductase complex, subunit 1	ENST00000394971	0,782031438
A_23_P45424	NM_012278	ITGB1BP2	integrin beta 1 binding protein (melusin) 2	ENST00000373829	0,781960421
A_24_P37887	NM_199243	GPR150	G protein-coupled receptor 150	ENST00000380007	0,78179247
A_33_P3257568	ENST00000373851	CNTRL	centriolin	ENST00000373851	0,781620851
A_19_P00321166	NR_034127	LOC100132356	uncharacterized LOC100132356		0,781393006
A_21_P0013793	NM_014675	CROCC	ciliary rootlet coiled-coil, rootletin	ENST00000467715	0,78138612
A_24_P9321	NM_003533	HIST1H3I	histone cluster 1, H3i	ENST00000328488	0,781085919
A_33_P3212909	NM_033400	ZFHX2	zinc finger homeobox 2	ENST00000382785	0,781057522
A_33_P3385765	NM_001012753	ZNF763	zinc finger protein 763		0,780667179

A_33_P3356245	NM_017879	ZNF416	zinc finger protein 416	ENST00000359489	0,780633195
A_19_P00317449	NM_178549	ZNF678			0,780319725
A_33_P3290296	AK125829	LOC100130175	uncharacterized LOC100130175		0,780132012
A_21_P0008072	TCONS_00021811	XLOC_010411			0,780030037
A_21_P0008120	TCONS_00021907	XLOC_010502			0,77977437
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,779339049
A_21_P0012944	NR_024054	LOC100170939	glucuronidase, beta pseudogene		0,779273782
A_21_P0000313	NR_002957	SNORA15	small nucleolar RNA, H/ACA box 15		0,779176599
A_33_P3537875	BC004943	MGC10814	uncharacterized protein MGC10814		0,77912009
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,779023579
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,77856576
A_21_P0000233	NR_001456	SNORD38A	small nucleolar RNA, C/D box 38A		0,778385895
A_24_P941376	NM_015428	ZNF473	zinc finger protein 473	ENST00000270617	0,778243517
A_33_P3375451	NM_025081	NYNRIN	NYN domain and retroviral integrase containing	ENST00000206466	0,778146945
A_21_P0014833	XR_132691	LOC100507209	uncharacterized LOC100507209		0,778143053
A_33_P3421748	ENST00000381679	SON	SON DNA binding protein	ENST00000381679	0,778117641
A_21_P0000751	NR_038286	LOC100507062	uncharacterized LOC100507062	ENST00000472046	0,778059526
A_33_P3877728	BX647090	SMCR6	Smith-Magenis syndrome chromosome region, candidate 6		0,777540062
A_23_P101811	NM_021030	ZNF14	zinc finger protein 14	ENST00000344099	0,777412291
A_21_P0000221	NR_000021	SNORD32A	small nucleolar RNA, C/D box 32A	ENST00000486930	0,777335215
A_32_P387648	NM_002016	FLG	filaggrin	ENST00000368799	0,77688861
A_33_P3376379	NM_001139459	CNST	consortin, connexin sorting protein	ENST00000366511	0,776756659
A_33_P3272808	NM_017952	PTCD3	Pentatricopeptide repeat domain 3	ENST00000254630	0,776668112
A_24_P29594	NM_006620	HBS1L	HBS1-like (<i>S. cerevisiae</i>)	ENST00000367837	0,776276645
A_21_P0009820	ENST00000422519	XLOC_013737		ENST00000422519	0,77617051
A_23_P111395	NM_003058	SLC22A2	solute carrier family 22 (organic cation transporter), member 2	ENST00000498556	0,776012974
A_21_P0012980	ENST00000508395	XLOC_I2_011987		ENST00000508395	0,775863536
A_21_P0000260	NR_002571	SNORD58A	small nucleolar RNA, C/D box 58A		0,775286035
A_33_P3252333	NR_003271	SNORD3B-1	small nucleolar RNA, C/D box 3B-1		0,775230337

A_33_P3284552	AK023303	COPE	coatomer protein complex, subunit epsilon		0,775200963
A_33_P3211260	AB209486	DBNL	drebrin-like		0,775179953
A_33_P3559138	AK124194	FLJ42200	FLJ42200 protein		0,775147564
A_33_P3346552	NR_003287	RN28S1	RNA, 28S ribosomal 1		0,775110443
A_32_P226009	NM_023073	C5orf42	chromosome 5 open reading frame 42	ENST00000505431	0,774781475
A_33_P3356031	ENST00000367538	SMG7	smg-7 homolog, nonsense mediated mRNA decay factor (C.	ENST00000367538	0,774507521
A_33_P3404676	ENST00000371958	AMOT	angiomin	ENST00000371958	0,774300907
A_21_P0010926	ENST00000438082	XLOC_l2_001667		ENST00000438082	0,774213642
A_33_P3278911	NM_032205	PHF20L1	PHD finger protein 20-like 1	ENST00000395382	0,773607504
A_33_P3220437	NM_001167942	TNFAIP8L1	tumor necrosis factor, alpha-induced protein 8-like 1	ENST00000536716	0,773110859
A_21_P0006020	ENST00000455583	XLOC_007413		ENST00000455583	0,772841809
A_23_P18055	NR_024615	C3orf51	chromosome 3 open reading frame 51		0,772617932
A_21_P0000208	NR_000008	SNORD22	small nucleolar RNA, C/D box 22		0,772603758
A_33_P3265159	BC110990	GAPVD1	GTPase activating protein and VPS9 domains 1	ENST00000394084	0,772222692
A_21_P0000291	NR_002751	SNORD41	small nucleolar RNA, C/D box 41		0,771289777
A_23_P138805	NM_012124	CHORDC1	cysteine and histidine-rich domain (CHORD) containing 1	ENST00000533724	0,771236706
A_19_P00809119	NR_015410	LINC00340	long intergenic non-protein coding RNA 340	ENST00000444265	0,771027696
A_33_P3294031	NR_002728	KCNQ1OT1	KCNQ1 opposite strand/antisense transcript 1 (non-protein coding)		0,770861988
A_32_P64200	NM_002098	GUCA1B	guanylate cyclase activator 1B (retina)		0,770224063
A_21_P0000820	NR_038854	LOC100506668	uncharacterized LOC100506668		0,769976191
A_21_P0010562	NR_027002	LOC388692	uncharacterized LOC388692		0,769958136
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,769705902
A_23_P131348	NM_025264	THUMPD2	THUMP domain containing 2	ENST00000530095	0,769384599
A_23_P115246	NM_003665	FCN3	ficolin (collagen/fibrinogen domain containing) 3 (Hakata ar	ENST00000270879	0,768217633
A_23_P147070	ENST00000340926	SUN1	Sad1 and UNC84 domain containing 1	ENST00000340926	0,768035075
A_33_P3401262	NM_001097611	KNCN	kinocilin	ENST00000396314	0,767924993
A_33_P3287690	ENST00000551483	CNOT2	CCR4-NOT transcription complex, subunit 2	ENST00000551483	0,767725683
A_33_P3316310	NM_182501	MTERFD2	MTERF domain containing 2	ENST00000475860	0,767021474
A_23_P410587	NM_024900	PHF17	PHD finger protein 17	ENST00000511647	0,76690453

A_23_P78018	NM_018672	ABCA5	ATP-binding cassette, sub-family A (ABC1), member 5	ENST00000392676	0,766875441
A_21_P0011464	TCONS_I2_0001009	XLOC_I2_005438			0,766839181
A_33_P3228295	ENST00000381732	RCL1	RNA terminal phosphate cyclase-like 1	ENST00000381732	0,766754317
A_33_P3231065	ENST00000407893	MEMO1	mediator of cell motility 1	ENST00000407893	0,766715512
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599	0,766018137
A_23_P50217	NM_024833	ZNF671	zinc finger protein 671	ENST00000317398	0,765789482
A_21_P0007206	TCONS_00019294	XLOC_009122			0,765662566
A_23_P130764	NM_170720	KCNJ14	potassium inwardly-rectifying channel, subfamily J, member 14	ENST00000391884	0,765661209
A_21_P0008899	TCONS_00024308	XLOC_011618			0,765563955
A_33_P3357143	ENST00000404297	MTIF2	mitochondrial translational initiation factor 2	ENST00000404297	0,765551387
A_23_P416191	NM_176885	TAS2R31	taste receptor, type 2, member 31	ENST00000390675	0,765041825
A_33_P3494109	AK057377	LOC146795	uncharacterized LOC146795		0,764756915
A_21_P0010878	BC065722	BMS1P5	BMS1 pseudogene 5		0,764610884
A_33_P3227904	NM_207348	SLC25A34	solute carrier family 25, member 34	ENST00000294454	0,764103997
A_23_P146134	NM_024025	DUSP26	dual specificity phosphatase 26 (putative)	ENST00000256261	0,76397702
A_21_P0000488	NR_004379	SNORD96B	small nucleolar RNA, C/D box 96B		0,763791894
A_33_P3322430	ENST00000399306	CTNS	cystinosis, lysosomal cystine transporter	ENST00000399306	0,763627275
A_33_P3388061	NM_181617	KRTAP21-2	keratin associated protein 21-2	ENST00000333892	0,763579291
A_33_P3567967	AK023417	FLJ11292	uncharacterized protein FLJ11292		0,761972163
A_21_P0000242	NR_002437	SNORD54	small nucleolar RNA, C/D box 54	ENST00000521289	0,761952424
A_23_P371885	NM_016632	ARL17A	ADP-ribosylation factor-like 17A	ENST00000337845	0,761854662
A_33_P3384442	ENST00000370677	LAMA5	laminin, alpha 5	ENST00000370677	0,761692711
A_21_P0000222	NR_000024	SNORD46	small nucleolar RNA, C/D box 46		0,761396805
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	0,76101019
A_33_P3321205	NM_001159531	BEGAIN	brain-enriched guanylate kinase-associated homolog (rat)	ENST00000443071	0,760951935
A_21_P0012313	AB051440	LOC440792	proline dehydrogenase (oxidase) 1 pseudogene		0,760828593
A_23_P56298	NM_025189	ZNF430	zinc finger protein 430	ENST00000261560	0,760819201
A_33_P3276693	NM_002632	PGF	placental growth factor	ENST00000555567	0,760778784
A_33_P3410831	NR_024440	LOC729609	uncharacterized LOC729609		0,760561371

A_33_P3382769	NR_024474	UBE2Q2P3	ubiquitin-conjugating enzyme E2Q family member 2 pseudogene 3		0,760287806
A_33_P3253501	NM_001161334	HIST2H2BF	histone cluster 2, H2bf	ENST00000369167	0,759706277
A_23_P165676	ENST00000491265	MZT2A	mitotic spindle organizing protein 2A	ENST00000491265	0,759419205
A_33_P3219697	NM_198493	ANKRD45	ankyrin repeat domain 45		0,759145205
A_23_P74981	NM_033213	ZNF670	zinc finger protein 670	ENST00000366503	0,759093069
A_21_P0000068	NM_001167676	LOC100128071	uncharacterized LOC100128071		0,758862415
A_21_P0001196	ENST00000421851	XLOC_001095		ENST00000421851	0,758829021
A_23_P303851	NM_176886	TAS2R45	taste receptor, type 2, member 45		0,758589343
A_21_P0005578	TCONS_00014218	XLOC_006259			0,758517049
A_21_P0014224	XR_108920	LOC100505760	uncharacterized LOC100505760		0,758516296
A_23_P369733	NM_020850	RANBP10	RAN binding protein 10	ENST00000317506	0,75839418
A_33_P3338152	ENST00000457865	HIF3A	hypoxia inducible factor 3, alpha subunit	ENST00000457865	0,758029936
A_33_P3333033	AK124883	SGSM2	small G protein signaling modulator 2		0,757109738
A_33_P3659678	ENST00000487099	NR6A1	nuclear receptor subfamily 6, group A, member 1	ENST00000487099	0,756787872
A_21_P0008919	TCONS_00024360	XLOC_011682			0,756534261
A_21_P0011029	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000435840	0,75636983
A_33_P3376239	NM_182931	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax h	ENST00000257745	0,75598666
A_33_P3210228	ENST00000375947	ZCCHC6	zinc finger, CCHC domain containing 6	ENST00000375947	0,755932745
A_33_P3329428	NM_133379	TTN	titin	ENST00000306136	0,755451122
A_23_P90079	NM_001080821	ZNF799	zinc finger protein 799	ENST00000430385	0,755411566
A_33_P3365878	NM_001720	BMP8B	bone morphogenetic protein 8b	ENST00000372827	0,755261887
A_21_P0000496	NR_004395	SNORD1A	small nucleolar RNA, C/D box 1A		0,75522828
A_33_P3321602	ENST00000373838	PHACTR4	phosphatase and actin regulator 4	ENST00000373838	0,755218085
A_33_P3352767	NM_002386	MC1R	melanocortin 1 receptor (alpha melanocyte stimulating hormone receptor)		0,754856101
A_21_P0009600	TCONS_00026596	XLOC_012622			0,754805647
A_21_P0005793	BC024246	XLOC_006985			0,75467846
A_23_P305616	NR_015441	LOC652276	potassium channel tetramerisation domain containing 5 pse	ENST00000399702	0,754658267
A_33_P3366754	AK126945	LOC100128670	uncharacterized LOC100128670		0,754507604
A_21_P0001617	TCONS_00001800	XLOC_001189			0,754400728

A_23_P110462	NM_013340	PCDHB1	protocadherin beta 1	ENST00000306549	0,754320401
A_33_P3233843	NM_001190981	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000542298	0,753960925
A_33_P3812815	NM_000296	PKD1	polycystic kidney disease 1 (autosomal dominant)	ENST00000537889	0,753920407
A_33_P3237403	NM_173531	ZNF100	zinc finger protein 100	ENST00000358296	0,753624104
A_23_P127394	NM_021117	CRY2	cryptochrome 2 (photolyase-like)	ENST00000443527	0,753268546
A_23_P8754	NM_005763	AASS	aminoadipate-semialdehyde synthase	ENST00000358954	0,753000677
A_21_P0012208	AK127572	XLOC_I2_009273			0,752853362
A_24_P105564	NM_005399	PRKAB2	protein kinase, AMP-activated, beta 2 non-catalytic subunit	ENST00000254101	0,752370615
A_33_P3381361	ENST00000312632	SPG7	spastic paraplegia 7 (pure and complicated autosomal reces	ENST00000312632	0,752059481
A_33_P3641427	NM_016132	MYEF2	myelin expression factor 2	ENST00000324324	0,751737594
A_33_P3324333	BC022023	ANKRD20A5P	ankyrin repeat domain 20 family, member A5, pseudogene		0,75170386
A_32_P176550	NM_152405	JMY	junction mediating and regulatory protein, p53 cofactor	ENST00000282259	0,751569279
A_32_P4403	NM_014117	C16orf72	chromosome 16 open reading frame 72	ENST00000327827	0,751263239
A_24_P922252	AK022348	SPATA5L1	spermatogenesis associated 5-like 1		0,751001045
A_23_P208325	NM_004234	ZNF235	zinc finger protein 235	ENST00000291182	0,749793537
A_21_P0014673	XR_111219	LOC100506982	uncharacterized LOC100506982		0,749640068
A_23_P126727	NM_024654	NOL9	nucleolar protein 9	ENST00000377705	0,749450847
A_21_P0004978	TCONS_00012029	XLOC_005561			0,749429533
A_33_P3271273	NM_002145	HOXB2	homeobox B2	ENST00000326226	0,749266545
A_21_P0004500	TCONS_00010663	XLOC_004339			0,748843879
A_24_P194688	NM_181723	EFHA2	EF-hand domain family, member A2	ENST00000318063	0,748385281
A_21_P0006672	THC2579940	XLOC_008461			0,748080785
A_33_P3380837	NM_133463	AMZ1	archaelysin family metallopeptidase 1	ENST00000312371	0,748007921
A_33_P3326483	NM_004378	CRABP1	cellular retinoic acid binding protein 1	ENST00000299529	0,747872233
A_21_P0010879	NR_026566	BMS1P1	BMS1 pseudogene 1	ENST00000426063	0,747536838
A_33_P3300867	AK124637	LOC100506514	uncharacterized LOC100506514		0,747425822
A_23_P125686	NR_002226	INGX	inhibitor of growth family, X-linked, pseudogene	ENST00000489074	0,747249565
A_23_P168556	NM_004603	STX1A	syntaxin 1A (brain)	ENST00000222812	0,746924615
A_21_P0000482	NR_003940	SNORD80	small nucleolar RNA, C/D box 80		0,746455314

A_21_P0010877	BC065722	BMS1P5	BMS1 pseudogene 5		0,745767782
A_24_P29277	NM_001130105	COL4A3BP	collagen, type IV, alpha 3 (Goodpasture antigen) binding protein		0,745551538
A_33_P3368800	NM_017940	NBPF1	neuroblastoma breakpoint family, member 1	ENST00000429672	0,744619823
A_33_P3244165	NR_003287	RN28S1	RNA, 28S ribosomal 1		0,744612526
A_21_P0000258	NR_002564	SNORD26	small nucleolar RNA, C/D box 26		0,744566397
A_21_P0002168	THC2561405	XLOC_001342			0,744438853
A_33_P3346936	ENST00000549378	MON2	MON2 homolog (S. cerevisiae)	ENST00000549378	0,744419775
A_33_P3293353	NM_016121	KCTD3	potassium channel tetramerisation domain containing 3	ENST00000366945	0,744375463
A_23_P395595	NM_015308	FNBP4	formin binding protein 4	ENST00000263773	0,744323719
A_24_P34155	NM_001122607	RUNX1	runt-related transcription factor 1	ENST00000479325	0,744139435
A_33_P3354076	NR_036433	FAM172BP	family with sequence similarity 172, member B pseudogene		0,743978861
A_33_P3212823	NM_001135865	LOC100132247	nuclear pore complex interacting protein related gene	ENST00000447737	0,74391051
A_24_P99838	NM_013361	ZNF223	zinc finger protein 223	ENST00000434772	0,743537398
A_33_P3271530	NM_024989	PGAP1	post-GPI attachment to proteins 1	ENST00000485830	0,743030261
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,742450541
A_32_P38637	NM_032534	KRBA1	KRAB-A domain containing 1	ENST00000466546	0,742396512
A_24_P134319	ENST00000349014	ADNP	activity-dependent neuroprotector homeobox	ENST00000349014	0,742062552
A_21_P0004452	TCONS_00010518	XLOC_005036			0,741934528
A_33_P3250148	NM_198956	SP8	Sp8 transcription factor	ENST00000297210	0,741774524
A_23_P102172	NM_173077	CPO	carboxypeptidase O	ENST00000272852	0,741625119
A_24_P292470	NM_022803	UCP3	uncoupling protein 3 (mitochondrial, proton carrier)	ENST00000426995	0,741567866
A_33_P3339650	NM_001723	DST	dystonin	ENST00000370765	0,741377576
A_24_P93754	NM_001146694	KDM4C	lysine (K)-specific demethylase 4C	ENST00000381306	0,740892651
A_21_P0000394	NR_003078	SNORD110	small nucleolar RNA, C/D box 110	ENST00000494697	0,740734815
A_21_P0012899	THC2529542	XLOC_l2_011987			0,740707741
A_33_P3336240	NR_024044	DEFB109P1	defensin, beta 109, pseudogene 1		0,740564142
A_23_P29384	NM_033210	ZNF502	zinc finger protein 502	ENST00000436624	0,740551846
A_21_P0009266	THC2673276	XLOC_012288			0,740412636
A_21_P0013850	NR_028407	ARMCX4	armadillo repeat containing, X-linked 4	ENST00000455331	0,74023935

A_33_P3655815	BQ322426	SNORA2B	small nucleolar RNA, H/ACA box 2B		0,739986717
A_24_P300302	NR_026867	ZNF300P1	zinc finger protein 300 pseudogene 1	ENST00000520773	0,739756147
A_33_P3328937	NM_001112707	TLK2	tousled-like kinase 2	ENST00000542523	0,739610542
A_23_P417891	NM_145735	ARHGEF7	Rho guanine nucleotide exchange factor (GEF) 7	ENST00000375741	0,739565511
A_23_P50418	NM_153358	ZNF791	zinc finger protein 791	ENST00000540038	0,739047808
A_33_P3220390	BC028180	WTAP	Wilms tumor 1 associated protein		0,738956182
A_19_P00810899	NR_027058	LINC00338	long intergenic non-protein coding RNA 338	ENST00000434411	0,738522246
A_33_P3335682	NM_033256	PPP1R14A	protein phosphatase 1, regulatory (inhibitor) subunit 14A	ENST00000347262	0,738294891
A_32_P155460	NR_024089	LINC00162	long intergenic non-protein coding RNA 162	ENST00000422199	0,738182432
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,738179242
A_23_P405216	NM_001145083	ZNF619	zinc finger protein 619	ENST00000314686	0,738032116
A_21_P0000385	NR_003069	SNORD88C	small nucleolar RNA, C/D box 88C		0,737435582
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,737141591
A_33_P3335624	ENST00000338548	PSMD10	proteasome (prosome, macropain) 26S subunit, non-ATPase	ENST00000338548	0,736855754
A_24_P218006	NM_032317	DNAJC30	DnaJ (Hsp40) homolog, subfamily C, member 30		0,736416077
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,736391946
A_33_P3414903	ENST00000367550	NPL	N-acetylneuraminatase pyruvate lyase (dihydrodipicolinate synthase)	ENST00000367550	0,735995275
A_21_P0005153	XR_112812	LOC100507336	uncharacterized LOC100507336	ENST00000443445	0,735486151
A_21_P0000445	NR_003321	SNORD116-6	small nucleolar RNA, C/D box 116-6	ENST00000549804	0,734916665
A_33_P3736691	NM_025189	ZNF430	zinc finger protein 430	ENST00000418100	0,734471211
A_21_P0000501	NR_004403	SNORD97	small nucleolar RNA, C/D box 97	ENST00000530564	0,734330177
A_23_P501080	NM_007139	ZNF92	zinc finger protein 92	ENST00000450302	0,734281658
A_23_P397468	NM_012351	OR10J1	olfactory receptor, family 10, subfamily J, member 1	ENST00000423932	0,734070987
A_24_P281009	NR_002817	AQP7P1	aquaporin 7 pseudogene 1		0,73365969
A_23_P107963	NM_000148	FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase)	ENST00000310160	0,733405298
A_24_P91165	NM_199248	CACNB1	calcium channel, voltage-dependent, beta 1 subunit	ENST00000536613	0,732865034
A_23_P74042	NM_012302	LPHN2	latrophilin 2	ENST00000370725	0,732692749
A_33_P3386532	ENST00000464758	MRPL38	mitochondrial ribosomal protein L38	ENST00000464758	0,731854839
A_21_P0013340	ENST00000478672	XLOC_l2_013931		ENST00000478672	0,731665224

A_33_P3328716	NM_144719	CCDC13	coiled-coil domain containing 13	ENST00000310232	0,731404982
A_23_P116249	NM_014619	GRIK4	glutamate receptor, ionotropic, kainate 4	ENST00000527524	0,731379314
A_33_P3362770	NM_018427	RRN3	RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae)	ENST00000327307	0,731309796
A_33_P3552465	ENST00000463067	ZNF852	zinc finger protein 852	ENST00000463067	0,731066646
A_24_P108262	NM_001144952	SDK2	sidekick homolog 2 (chicken)	ENST00000316893	0,731001825
A_23_P146325	NR_002765	ASAP1-IT1	ASAP1 intronic transcript 1 (non-protein coding)		0,730727777
A_23_P114349	NM_130776	XAGE3	X antigen family, member 3	ENST00000346279	0,730486978
A_33_P3292694	XR_110489	LOC643355	uncharacterized LOC643355		0,730125108
A_24_P365322	NM_152601	ZNF709	zinc finger protein 709	ENST00000397732	0,729911429
A_33_P3309031	ENST00000503159	C4orf36	chromosome 4 open reading frame 36	ENST00000503159	0,729783432
A_23_P140009	NM_000452	SLC10A2	solute carrier family 10 (sodium/bile acid cotransporter family)	ENST00000245312	0,729668247
A_23_P111797	AL136837	DKFZP434F142	uncharacterized DKFZp434F142		0,729599009
A_33_P3285430	ENST00000547640	DNM1L	dynamamin 1-like	ENST00000547640	0,729483315
A_23_P10206	NM_005328	HAS2	hyaluronan synthase 2	ENST00000303924	0,729446697
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,729427629
A_33_P3288431	NM_152589	C12orf50	chromosome 12 open reading frame 50	ENST00000551163	0,729423939
A_23_P111919	NM_013357	PURG	purine-rich element binding protein G	ENST00000475541	0,729360986
A_33_P3269869	AK093990	LOC284009	uncharacterized LOC284009		0,729283939
A_21_P0013324	ENST00000412091	XLOC_I2_013873		ENST00000412091	0,729196286
A_33_P3324454	NM_000391	TPP1	tripeptidyl peptidase I	ENST00000453338	0,728954899
A_21_P0011317	TCONS_I2_0000860	XLOC_I2_004640			0,728761318
A_33_P3215906	NM_001039703	NBPF10	neuroblastoma breakpoint family, member 10	ENST00000414710	0,728414561
A_19_P00318272	NR_038988	LOC100287765			0,728147484
A_33_P3409854	NM_005568	LHX1	LIM homeobox 1	ENST00000254457	0,728014377
A_21_P0011540	NR_033753	FLJ43826	FLJ43826 protein	ENST00000425901	0,727861341
A_24_P943566	ENST00000379350	PHACTR1	phosphatase and actin regulator 1	ENST00000379350	0,727380855
A_33_P3351735	NM_018219	CCDC87	coiled-coil domain containing 87	ENST00000333861	0,727356963
A_33_P3363515	ENST00000557439	XRCC3	X-ray repair complementing defective repair in Chinese hamster cells 3	ENST00000557439	0,727263407
A_24_P181506	NM_014699	ZNF646	zinc finger protein 646	ENST00000394979	0,727188388

A_33_P3218905	NR_002806	FAM13A-AS1	FAM13A antisense RNA 1 (non-protein coding)	ENST00000500765	0,727065223
A_24_P450596	NM_001193552	ZNF850	zinc finger protein 850		0,726708846
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,72663057
A_33_P3287338	NM_001190981	IL6ST	interleukin 6 signal transducer (gp130, oncostatin M recept	ENST00000542298	0,726560288
A_21_P0002307	TCONS_00003921	XLOC_001726			0,726431982
A_33_P3648417	BE972465	SNORA55	small nucleolar RNA, H/ACA box 55		0,726421952
A_21_P0008996	THC2669746	XLOC_011827			0,72605737
A_33_P3319113	NM_017990	PDPR	pyruvate dehydrogenase phosphatase regulatory subunit	ENST00000398122	0,72586616
A_24_P366607	NM_203451	SERTM1	serine-rich and transmembrane domain containing 1	ENST00000315190	0,725792598
A_33_P3235177	NM_144993	TET3	tet methylcytosine dioxygenase 3	ENST00000409262	0,725695696
A_23_P216038	NM_032205	PHF20L1	PHD finger protein 20-like 1	ENST00000315808	0,725657589
A_33_P3216319	NM_015144	ZCCHC14	zinc finger, CCHC domain containing 14	ENST00000268616	0,725420919
A_21_P0006193	TCONS_00016098	XLOC_007489			0,725125955
A_23_P427217	NM_032776	JMJD1C	jumonji domain containing 1C	ENST00000542921	0,724959359
A_33_P3365747	NR_026999	LINC00265	long intergenic non-protein coding RNA 265		0,724863867
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,724458718
A_21_P0000447	NR_003326	SNORD116-11	small nucleolar RNA, C/D box 116-11		0,724138811
A_19_P00315716	NR_002911	SNORA71A		ENST00000439912	0,723728523
A_33_P3258127	AY203946	LOC100132188	LP7097		0,723470877
A_33_P3331080	NM_001252231	SEC24A	SEC24 family, member A (S. cerevisiae)	ENST00000322887	0,723099691
A_33_P3354499	AK056998	LOC401480	uncharacterized LOC401480		0,722841126
A_33_P3286684	ENST00000484847	IKZF1	IKAROS family zinc finger 1 (Ikaros)	ENST00000484847	0,722790126
A_33_P3355821	NM_021148	ZNF273	zinc finger protein 273		0,722168045
A_23_P154972	NM_080740	ZNF280A	zinc finger protein 280A	ENST00000302097	0,72211839
A_24_P416961	NM_001670	ARVCF	armadillo repeat gene deleted in velocardiofacial syndrome	ENST00000344269	0,721860142
A_33_P3293869	ENST00000369086	TIAL1	TIA1 cytotoxic granule-associated RNA binding protein-like	ENST00000369086	0,721728836
A_21_P0000364	NR_003029	SNORD9	small nucleolar RNA, C/D box 9		0,721604787
A_21_P0000276	NR_002598	SNORD87	small nucleolar RNA, C/D box 87		0,721501654
A_21_P0000512	NR_024343	SNAR-I	small ILF3/NF90-associated RNA I		0,721192588

A_33_P3329834	NM_018061	PRPF38B	PRP38 pre-mRNA processing factor 38 (yeast) domain cont	ENST00000370022	0,720232212
A_33_P3587611	BC020828	RPL36AP33	ribosomal protein L36a pseudogene 33		0,719923056
A_21_P0013894	TCONS_I2_0003092	XLOC_I2_015938			0,719888627
A_23_P59045	NM_021052	HIST1H2AE	histone cluster 1, H2ae	ENST00000303910	0,719884722
A_24_P145316	NM_183040	DTNBP1	dystrobrevin binding protein 1	ENST00000543749	0,719828268
A_23_P346265	NM_024312	GNPTAB	N-acetylglucosamine-1-phosphate transferase, alpha and beta	ENST00000549940	0,719708256
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,719502647
A_23_P126037	NM_012421	RLF	rearranged L-myc fusion	ENST00000535839	0,719452882
A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187	0,719264913
A_33_P3280157	NR_001290	SNORD116-19	small nucleolar RNA, C/D box 116-19	ENST00000549804	0,719155781
A_23_P208210	NM_014650	ZNF432	zinc finger protein 432	ENST00000221315	0,719088004
A_33_P3355266	NM_022164	TINAGL1	tubulointerstitial nephritis antigen-like 1	ENST00000481165	0,719027423
A_21_P0000376	NR_003049	SNORD32B	small nucleolar RNA, C/D box 32B		0,718892285
A_33_P3238777	NR_028324	FLJ45445	uncharacterized LOC399844	ENST00000425496	0,718525499
A_23_P346327	NR_026674	FLJ30679	uncharacterized protein FLJ30679		0,718433403
A_21_P0013847	ENST00000444482	XLOC_I2_015561		ENST00000444482	0,718384692
A_23_P78372	NM_005131	THOC1	THO complex 1	ENST00000261600	0,718012025
A_33_P3210288	NM_000150	FUT6	fucosyltransferase 6 (alpha (1,3) fucosyltransferase)	ENST00000318336	0,717947153
A_33_P3409458	ENST00000393215	C9orf171	chromosome 9 open reading frame 171	ENST00000393215	0,717928061
A_21_P0000340	NR_002986	SNORA60	small nucleolar RNA, H/ACA box 60		0,717661062
A_21_P0005309	ENST00000412800	XLOC_006446		ENST00000412800	0,717644208
A_23_P72840	NM_018973	DPM3	dolichyl-phosphate mannosyltransferase polypeptide 3	ENST00000368399	0,717447496
A_33_P3321801	NR_027439	LOC100272216	uncharacterized LOC100272216		0,717392222
A_24_P106839	NM_023034	WHSC1L1	Wolf-Hirschhorn syndrome candidate 1-like 1	ENST00000528828	0,717144129
A_21_P0010779	ENST00000441085	XLOC_I2_001138		ENST00000441085	0,717088579
A_23_P53390	NM_002837	PTPRB	protein tyrosine phosphatase, receptor type, B	ENST00000261266	0,716692784
A_21_P0004121	ENST00000511579	XLOC_004774		ENST00000511579	0,716236867
A_21_P0000264	NR_002579	SNORD74	small nucleolar RNA, C/D box 74		0,715958977
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,715583542

A_21_P0012089	NR_026758	LOC440905	uncharacterized LOC440905	ENST00000449170	0,714787879
A_33_P3209005	AK097159	ZNF673	zinc finger family member 673		0,714735374
A_33_P3210916	ENST00000479868	SEC13	SEC13 homolog (S. cerevisiae)	ENST00000479868	0,714706031
A_33_P3318444	NM_001146684	RNF222	ring finger protein 222	ENST00000399398	0,714578914
A_24_P352637	NM_174944	TSSK4	testis-specific serine kinase 4	ENST00000556621	0,71451853
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,714398687
A_21_P0013394	ENST00000438538	XLOC_I2_013513		ENST00000438538	0,713587537
A_33_P3232624	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000446912	0,713541845
A_33_P3414362	NM_032582	USP32	ubiquitin specific peptidase 32	ENST00000393003	0,713308863
A_21_P0005101	TCONS_00012390	XLOC_005126			0,713150987
A_23_P349310	NM_014494	TNRC6A	trinucleotide repeat containing 6A	ENST00000464539	0,712968144
A_21_P0014010	ENST00000543887	LOC100652820		ENST00000543887	0,712915194
A_33_P3239287	NM_001005271	CHD3	chromodomain helicase DNA binding protein 3	ENST00000330494	0,712687837
A_33_P3278951	NM_033512	TSPYL5	TSPY-like 5	ENST00000322128	0,712673986
A_33_P3309231	NM_172002	HSCB	HscB iron-sulfur cluster co-chaperone homolog (E. coli)	ENST00000216027	0,712670538
A_33_P3334248	ENST00000484152	FBRS	fibrosin	ENST00000484152	0,712613479
A_21_P0010749	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000491962	0,712537423
A_23_P85218	NM_005634	SOX3	SRY (sex determining region Y)-box 3	ENST00000370536	0,712477798
A_33_P3310232	NM_024884	L2HGDH	L-2-hydroxyglutarate dehydrogenase	ENST00000312675	0,712297427
A_33_P3281552	NM_001034853	RPGR	retinitis pigmentosa GTPase regulator	ENST00000378505	0,711988843
A_23_P339687	NM_138330	ZNF675	zinc finger protein 675	ENST00000359788	0,711719675
A_33_P3268793	NM_138422	ADAT3	adenosine deaminase, tRNA-specific 3	ENST00000329478	0,711503137
A_21_P0004761	ENST00000430931	XLOC_005771		ENST00000430931	0,711165699
A_21_P0014789	XR_132581	LOC100506578	uncharacterized protein C12orf71-like		0,711118069
A_19_P00320090	NR_027058	LINC00338	long intergenic non-protein coding RNA 338	ENST00000434411	0,710966357
A_23_P55688	NM_017879	ZNF416	zinc finger protein 416	ENST00000196489	0,710924148
A_33_P3230017	NR_001587	AURKAPS1	aurora kinase A pseudogene 1	ENST00000462353	0,710671374
A_21_P0000459	NR_003684	SNORD119	small nucleolar RNA, C/D box 119		0,710656464
A_24_P235783	ENST00000463343	SF1	splicing factor 1	ENST00000463343	0,710547829

A_21_P0010234	TCONS_00028996	XLOC_013914			0,710351979
A_21_P0008490	TCONS_00022880	XLOC_011134			0,710019418
A_23_P109907	NM_175924	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209	0,709749287
A_23_P109907	NM_175924	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209	0,709717028
A_23_P13455	NM_001004749	OR51A7	olfactory receptor, family 51, subfamily A, member 7	ENST00000544684	0,709637439
A_21_P0000312	NR_002956	SNORA14B	small nucleolar RNA, H/ACA box 14B		0,709619567
A_24_P136522	ENST00000485331	GARNL3	GTPase activating Rap/RanGAP domain-like 3	ENST00000485331	0,709525073
A_33_P3347040	NM_001242901	LOC100131094	uncharacterized LOC100131094	ENST00000381796	0,709288704
A_33_P3399988	BC035659	HCP5B	HLA complex P5B (non-protein coding)		0,709247683
A_24_P121846	NM_003433	ZNF132	zinc finger protein 132	ENST00000391695	0,70915431
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,708950463
A_33_P3358158	NR_033733	CRYBB2P1	crystallin, beta B2 pseudogene 1	ENST00000382734	0,708934956
A_21_P0014622	XR_113294	FAM85A	family with sequence similarity 85, member A		0,708928768
A_33_P3272402	NM_139174	ADAD2	adenosine deaminase domain containing 2	ENST00000268624	0,708817288
A_23_P109907	NM_175924	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209	0,708729868
A_33_P3280099	ENST00000371367	CACNA1B	calcium channel, voltage-dependent, N type, alpha 1B subu	ENST00000371367	0,708611758
A_23_P398854	NM_173660	DOK7	docking protein 7	ENST00000515886	0,708333644
A_21_P0005145	TCONS_00012631	XLOC_005559			0,708289079
A_33_P3702281	AK095567	LOC284014	uncharacterized LOC284014		0,708186895
A_33_P3255499	NR_024872	MCART1	mitochondrial carrier triple repeat 1		0,708122393
A_23_P109907	NM_175924	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209	0,707768077
A_33_P3288074	BC019017	LOC730202	uncharacterized LOC730202		0,707753057
A_21_P0005556	TCONS_00014106	XLOC_006053			0,707663411
A_21_P0004750	BC035191	XLOC_005737			0,707594619
A_21_P0011295	ENST00000429926	XLOC_l2_004594		ENST00000429926	0,707589038
A_33_P3388771	XR_133170	LOC100509175	zinc finger protein 726-like		0,707088067
A_21_P0009889	THC2714922	XLOC_013684			0,706986771
A_33_P3276068	ENST00000356128	BET3L	BET3 like (<i>S. cerevisiae</i>)	ENST00000356128	0,706974774
A_23_P90542	NM_152606	ZNF540	zinc finger protein 540	ENST00000316433	0,706904495

A_33_P3239267	NM_203370	C3orf54	chromosome 3 open reading frame 54	ENST00000333323	0,706873488
A_32_P146659	NR_027040	LOC401431	uncharacterized LOC401431		0,706670633
A_33_P3389168	ENST00000370393	MTM1	myotubularin 1	ENST00000370393	0,706144727
A_23_P383132	NM_015094	HIC2	hypermethylated in cancer 2	ENST00000443632	0,706033724
A_32_P109522	NM_145062	ZUFSP	zinc finger with UFM1-specific peptidase domain	ENST00000368576	0,70593723
A_32_P182394	NM_021217	ZNF77	zinc finger protein 77	ENST00000314531	0,705907133
A_33_P3253653	NM_001033045	GPR155	G protein-coupled receptor 155	ENST00000295500	0,70588643
A_21_P0000153	NM_001204265	NR3C1	nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)		0,705876513
A_33_P3524912	NR_033848	LOC283038	uncharacterized LOC283038	ENST00000415305	0,705405397
A_33_P3422301	NM_032406	PCDHGC4	protocadherin gamma subfamily C, 4	ENST00000306593	0,70530648
A_24_P659122	XR_132464	LOC401357	uncharacterized LOC401357		0,705174973
A_21_P0011318	TCONS_I2_0000860	XLOC_I2_004640			0,705084135
A_23_P109907	NM_175924	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209	0,704925249
A_33_P3270863	NM_000379	XDH	xanthine dehydrogenase	ENST00000379416	0,704867613
A_33_P3234457	ENST00000542061	FBRSL1	fibrosin-like 1	ENST00000542061	0,704813985
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	0,704683061
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,704500582
A_21_P0000322	NR_002968	SNORA34	small nucleolar RNA, H/ACA box 34		0,704499559
A_33_P3678883	AB051441	KIAA1654	KIAA1654 protein		0,704346821
A_33_P3219870	NM_020376	PNPLA2	patatin-like phospholipase domain containing 2	ENST00000529255	0,704099712
A_33_P3268900	AF370457	BNIP3L	BCL2/adenovirus E1B 19kDa interacting protein 3-like		0,704042603
A_23_P166536	NM_014577	BRD1	bromodomain containing 1	ENST00000457780	0,703811534
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,703714507
A_33_P3276913	ENST00000399010	TTC3	tetratricopeptide repeat domain 3	ENST00000399010	0,703557282
A_21_P0000378	NR_003055	SNORD66	small nucleolar RNA, C/D box 66		0,703436394
A_33_P3814473	BF248073	TMSB4XP1	thymosin beta 4, X-linked pseudogene 1		0,703229822
A_21_P0000248	NR_002444	SNORA66	small nucleolar RNA, H/ACA box 66		0,703050462
A_21_P0003069	TCONS_00006331	XLOC_002951			0,702769655
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,702509169

A_33_P3307068	ENST00000462089	GOLGA2	golgin A2	ENST00000462089	0,702216909
A_23_P85188	NM_022838	ARMCX5	armadillo repeat containing, X-linked 5	ENST00000372742	0,702052276
A_33_P3423250	NM_001134888	RTL1	retrotransposon-like 1	ENST00000534062	0,70193923
A_33_P3436646	AK091114	LOC151657	uncharacterized LOC151657		0,701867241
A_23_P41541	NM_138364	PRMT10	protein arginine methyltransferase 10 (putative)	ENST00000511687	0,701837304
A_33_P3332690	BC047718	SUZ12P	suppressor of zeste 12 homolog pseudogene		0,701767616
A_21_P0000348	NR_002996	SNORA80	small nucleolar RNA, H/ACA box 80		0,701181594
A_21_P0000650	NM_021047	ZNF253	zinc finger protein 253	ENST00000502675	0,701022148
A_23_P109907	NM_175924	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209	0,700667339
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,700439469
A_21_P0000472	NR_003701	SNORD58C	small nucleolar RNA, C/D box 58C		0,700222117
A_23_P325661	NM_003435	ZNF134	zinc finger protein 134	ENST00000396161	0,69984626
A_33_P3357337	BC026272	CCNC	cyclin C	ENST00000482541	0,699769532
A_21_P0000275	NR_002592	SNORD96A	small nucleolar RNA, C/D box 96A	ENST00000502890	0,699518334
A_21_P0014791	XR_132586	LOC100652804	uncharacterized LOC100652804		0,699072923
A_33_P3297834	XR_132763	LOC100652742	uncharacterized LOC100652742		0,698813755
A_33_P3403179	BC048193	GUSBP1	glucuronidase, beta pseudogene 1		0,698793465
A_23_P109907	NM_175924	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209	0,698771804
A_23_P300090	NM_032128	SLC10A7	solute carrier family 10 (sodium/bile acid cotransporter family 10 member 7)	ENST00000394059	0,698653436
A_32_P64475	NM_152608	C1orf55	chromosome 1 open reading frame 55	ENST00000366817	0,698599788
A_23_P109907	NM_175924	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209	0,698539009
A_21_P0006569	TCONS_00017454	XLOC_008047			0,698436432
A_33_P3219010	ENST00000505713	PPA2	pyrophosphatase (inorganic) 2	ENST00000505713	0,698397075
A_21_P0002937	TCONS_00005965	XLOC_002597			0,69837708
A_33_P3220202	NM_013355	PKN3	protein kinase N3	ENST00000291906	0,698349526
A_33_P3540725	AK098783	FLJ25917	uncharacterized LOC401585		0,698268273
A_21_P0000563	NR_028374	SNORA80B	small nucleolar RNA, H/ACA box 80B		0,698125305
A_21_P0000359	NR_003018	SNORA71D	small nucleolar RNA, H/ACA box 71D		0,697994951
A_21_P0014563	XR_110312	LOC100505675	uncharacterized LOC100505675		0,697758565

A_23_P216376	NM_019098	CNGB3	cyclic nucleotide gated channel beta 3	ENST00000320005	0,697420964
A_21_P0006320	ENST00000414976	XLOC_007857		ENST00000414976	0,697371657
A_21_P0014650	XR_110899	LOC100506282	uncharacterized LOC100506282		0,697155607
A_21_P0010340	ENST00000442403	XLOC_014139		ENST00000442403	0,69701995
A_21_P0000225	NR_000028	SNORD83B	small nucleolar RNA, C/D box 83B	ENST00000467105	0,696882448
A_33_P3276364	ENST00000367913	HSD17B7	hydroxysteroid (17-beta) dehydrogenase 7	ENST00000367913	0,696789354
A_33_P3305058	ENST00000451399	CUL9	cullin 9	ENST00000451399	0,696699841
A_23_P142407	NM_033204	ZNF101	zinc finger protein 101	ENST00000444249	0,696236227
A_33_P3326545	NM_182492	LRP5L	low density lipoprotein receptor-related protein 5-like	ENST00000402785	0,695824567
A_32_P214665	NM_001102566	PCP4L1	Purkinje cell protein 4 like 1	ENST00000504449	0,695676306
A_33_P3409245	XR_110199	LOC401286	uncharacterized LOC401286		0,695669658
A_32_P790361	NM_007138	ZNF90	zinc finger protein 90	ENST00000473524	0,695649902
A_21_P0000278	NR_002604	SNORD10	small nucleolar RNA, C/D box 10		0,695485191
A_21_P0007998	ENST00000423739	XLOC_010633		ENST00000423739	0,695458806
A_23_P155765	NM_002129	HMGB2	high mobility group box 2	ENST00000511316	0,695441427
A_21_P0000272	NR_002589	SNORD51	small nucleolar RNA, C/D box 51		0,695185959
A_21_P0005368	TCONS_00013404	XLOC_006035			0,694983902
A_33_P3383524	NR_024172	LOC91948	uncharacterized LOC91948		0,694951161
A_33_P3274560	ENST00000409456	SLC19A3	solute carrier family 19, member 3	ENST00000409456	0,694921229
A_21_P0010944	ENST00000416851	XLOC_I2_001953		ENST00000416851	0,694902988
A_21_P0011390	Y10483	PRKXP1	protein kinase, X-linked, pseudogene 1		0,694509308
A_23_P83149	NM_016014	FAM108B1	family with sequence similarity 108, member B1	ENST00000377041	0,694395919
A_19_P00800206	NR_036586	LOC400958	uncharacterized LOC400958	ENST00000449259	0,694391483
A_19_P00317016	THC2573057	XLOC_006037			0,694328158
A_21_P0000499	NR_004398	SNORD82	small nucleolar RNA, C/D box 82		0,69427483
A_33_P3288219	AK127589	FLJ45684	FLJ45684 locus		0,694027231
A_24_P922919	NM_001040649	ACP1	acid phosphatase 1, soluble	ENST00000407983	0,694021823
A_19_P00323103	ENST00000485597	XLOC_001775		ENST00000485597	0,69401734
A_33_P3416142	EF413001	LOC100131234	familial acute myelogenous leukemia related factor		0,69390058

A_23_P164468	NM_014913	ADNP2	ADNP homeobox 2	ENST00000262198	0,693664137
A_24_P178396	NM_001031618	SPDYE2	speedy homolog E2 (<i>Xenopus laevis</i>)	ENST00000432940	0,693524262
A_24_P36285	NM_013398	ZNF224	zinc finger protein 224	ENST00000336976	0,693403315
A_32_P84242	NM_015566	FAM169A	family with sequence similarity 169, member A	ENST00000510609	0,693347075
A_33_P3361412	NM_018420	SLC22A15	solute carrier family 22, member 15	ENST00000369502	0,693273996
A_23_P105495	NM_023922	TAS2R14	taste receptor, type 2, member 14	ENST00000381852	0,692413988
A_33_P3267431	AK123383	LOC642648	uncharacterized LOC642648		0,692301624
A_23_P88703	NM_005657	TP53BP1	tumor protein p53 binding protein 1	ENST00000382044	0,692131195
A_24_P203765	ENST00000371491	SLC1A7	solute carrier family 1 (glutamate transporter), member 7	ENST00000371491	0,691857527
A_33_P3318861	NM_001093730	DYTN	dystrotelin	ENST00000452335	0,691834468
A_33_P3827416	AK024156	LOC399753	uncharacterized LOC399753		0,691746507
A_21_P0014729	XR_113027	LOC100505717	uncharacterized LOC100505717		0,691400722
A_32_P213637	NR_037596	FLJ14186	uncharacterized LOC401149		0,690989951
A_33_P3210880	ENST00000355691	ATP7A	ATPase, Cu ⁺⁺ transporting, alpha polypeptide	ENST00000355691	0,690988907
A_33_P3418611	NM_001242680	ZNF729	zinc finger protein 729	ENST00000357491	0,690689162
A_33_P3283992	NM_024833	ZNF671	zinc finger protein 671	ENST00000335820	0,690523877
A_23_P147495	NM_021946	BCORL1	BCL6 corepressor-like 1	ENST00000303743	0,690454162
A_21_P0002586	THC2568759	XLOC_001417			0,690297247
A_32_P8813	NR_024433	LOC283663	uncharacterized LOC283663		0,690239386
A_23_P102571	NM_020062	SLC2A4RG	SLC2A4 regulator	ENST00000266077	0,689966252
A_33_P3347928	NM_020307	CCNL1	cyclin L1	ENST00000295925	0,689799223
A_33_P3287078	NM_022482	GZF1	GDNF-inducible zinc finger protein 1	ENST00000544236	0,689706719
A_33_P3277407	NM_182931	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax h	ENST00000393656	0,689613096
A_32_P170547	NM_001007551	CT45A5	cancer/testis antigen family 45, member A5	ENST00000491480	0,689559955
A_21_P0000311	NR_002955	SNORA14A	small nucleolar RNA, H/ACA box 14A		0,689315673
A_23_P164927	NM_012451	SYNGR4	synaptogyrin 4	ENST00000344846	0,689202983
A_21_P0005322	ENST00000485282	XLOC_006555		ENST00000485282	0,689070606
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,688840462
A_23_P423427	NM_177454	FAM171B	family with sequence similarity 171, member B	ENST00000304698	0,688453488

A_33_P3316505	NR_002907	SNORA73A	small nucleolar RNA, H/ACA box 73A	ENST00000437681	0,688315279
A_19_P00322687	NM_001242690	ERVMER34-1			0,687401927
A_24_P229669	NR_024074	GOLGA8IP	golgin A8 family, member I, pseudogene	ENST00000339078	0,687330764
A_24_P615822	NM_014753	BMS1	BMS1 homolog, ribosome assembly protein (yeast)	ENST00000426063	0,687006514
A_32_P113114	NM_152289	ZNF561	zinc finger protein 561	ENST00000354661	0,686961943
A_32_P144908	NM_203282	ZNF254	zinc finger protein 254	ENST00000357002	0,68690007
A_23_P28953	NM_175850	DNMT3B	DNA (cytosine-5-)-methyltransferase 3 beta	ENST00000344505	0,686836111
A_23_P399146	NM_153263	ZNF549	zinc finger protein 549	ENST00000240719	0,686786606
A_23_P119634	NM_007000	UPK1A	uroplakin 1A	ENST00000379013	0,686716508
A_24_P245108	NM_003470	USP7	ubiquitin specific peptidase 7 (herpes virus-associated)	ENST00000344836	0,686692373
A_21_P0001374	ENST00000464336	NBPF15	neuroblastoma breakpoint family, member 15	ENST00000464336	0,686404601
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,686372175
A_33_P3311770	NM_213603	ZNF789	zinc finger protein 789	ENST00000331410	0,686245273
A_23_P126486	NR_026752	CROCCP2	ciliary rootlet coiled-coil, rootletin pseudogene 2		0,686231095
A_33_P3277953	NR_027333	LOC100128811	uncharacterized LOC100128811		0,686164358
A_19_P00319038	NM_001145418	TTC28		ENST00000490475	0,686048431
A_24_P691775	NR_037596	FLJ14186	uncharacterized LOC401149		0,685580411
A_21_P0007126	AK091996	XLOC_009181			0,68557674
A_21_P0001504	TCONS_00001494	XLOC_000833			0,685446268
A_24_P665504	NR_039983	LOC729737	uncharacterized LOC729737	ENST00000419160	0,68535594
A_32_P75425	NR_037596	FLJ14186	uncharacterized LOC401149		0,68520427
A_23_P170978	NM_017865	ZNF692	zinc finger protein 692	ENST00000451251	0,685087643
A_21_P0001123	ENST00000424948	XLOC_000808		ENST00000424948	0,684531942
A_32_P234184	NM_001010926	HES5	hairy and enhancer of split 5 (Drosophila)	ENST00000378453	0,684400811
A_23_P149050	NR_024321	LINC00115	long intergenic non-protein coding RNA 115		0,684288922
A_33_P3278774	ENST00000483826	ZNF44	zinc finger protein 44	ENST00000483826	0,683731918
A_21_P0010794	ENST00000411733	XLOC_l2_001399		ENST00000411733	0,683604861
A_23_P109907	NM_175924	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209	0,68353564
A_33_P3372526	ENST00000392214	MDH1B	malate dehydrogenase 1B, NAD (soluble)	ENST00000392214	0,683498966

A_33_P3291379	NM_001105569	MSGN1	mesogenin 1	ENST00000281047	0,683195263
A_23_P67702	NM_003429	ZNF85	zinc finger protein 85	ENST00000345030	0,682901814
A_33_P3381328	NR_027294	FAM201A	family with sequence similarity 201, member A	ENST00000484285	0,682826895
A_23_P165239	NM_007153	ZNF208	zinc finger protein 208	ENST00000428290	0,682790609
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,682769343
A_33_P3417459	NR_023358	SCARNA9L	small Cajal body-specific RNA 9-like (retrotransposed)		0,682684013
A_23_P129005	NM_025081	NYNRIN	NYN domain and retroviral integrase containing	ENST00000382554	0,682401693
A_23_P398530	NM_133334	WHSC1	Wolf-Hirschhorn syndrome candidate 1	ENST00000503128	0,682291945
A_33_P3337831	ENST00000366579	HEATR1	HEAT repeat containing 1	ENST00000366579	0,682059724
A_23_P18276	NM_005778	RBM5	RNA binding motif protein 5	ENST00000536082	0,681490958
A_23_P152583	NM_001042573	ENGASE	endo-beta-N-acetylglucosaminidase	ENST00000300682	0,681457128
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,681380305
A_19_P00316159	ENST00000415520	XLOC_l2_007876		ENST00000415520	0,681349088
A_33_P3210223	ENST00000375948	ZCCHC6	zinc finger, CCHC domain containing 6	ENST00000375948	0,681218044
A_23_P208240	ENST00000355147	ZNF160	zinc finger protein 160	ENST00000355147	0,681148057
A_23_P42565	NM_024012	HTR5A	5-hydroxytryptamine (serotonin) receptor 5A	ENST00000287907	0,681071903
A_33_P3304865	BC031633	LTN1	listerin E3 ubiquitin protein ligase 1	ENST00000389195	0,680885727
A_33_P3257252	NM_138347	ZNF551	zinc finger protein 551	ENST00000359821	0,680424148
A_23_P54447	NR_026813	C15orf5	chromosome 15 open reading frame 5		0,680403943
A_33_P3236441	NM_144972	LDHAL6A	lactate dehydrogenase A-like 6A	ENST00000396213	0,680313371
A_23_P432034	NM_173510	CCDC117	coiled-coil domain containing 117	ENST00000249064	0,680312027
A_33_P3278560	NM_001010879	ZIK1	zinc finger protein interacting with K protein 1 homolog (mouse)	ENST00000356724	0,680193869
A_23_P304652	NM_178130	NME9	NME gene family member 9	ENST00000383180	0,679909012
A_33_P3365985	XR_132811	LOC401357	uncharacterized LOC401357		0,679860899
A_23_P135164	NM_207309	UAP1L1	UDP-N-acetylglucosamine pyrophosphorylase 1-like 1	ENST00000474787	0,679695729
A_33_P3398074	AF132201	LOC100133319	PRO1804		0,679425606
A_21_P0000530	NR_045024	C17orf76-AS1	C17orf76 antisense RNA 1 (non-protein coding)		0,679369741
A_23_P128372	NM_002014	FKBP4	FK506 binding protein 4, 59kDa	ENST00000001008	0,679081796
A_21_P0011320	TCONS_l2_0000860	XLOC_l2_004640			0,678551104

A_32_P189204	NM_174942	GAS2L3	growth arrest-specific 2 like 3	ENST00000266754	0,678448501
A_23_P37654	NM_001164273	MGA	MAX gene associated	ENST00000389936	0,678287096
A_23_P160466	NM_006996	SLC19A2	solute carrier family 19 (thiamine transporter), member 2	ENST00000236137	0,67824471
A_21_P0010876	ENST00000532854	XLOC_I2_001971		ENST00000532854	0,677697276
A_21_P0000325	NR_002970	SNORA37	small nucleolar RNA, H/ACA box 37		0,67767278
A_33_P3221114	NM_144720	JAKMIP1	janus kinase and microtubule interacting protein 1	ENST00000409831	0,677664332
A_21_P0000212	NR_000012	SNORA68	small nucleolar RNA, H/ACA box 68		0,677623537
A_24_P303874	XR_109856	C9orf62	chromosome 9 open reading frame 62	ENST00000320778	0,677607787
A_24_P729905	NM_001077685	AGAP7	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000490752	0,677545269
A_23_P141484	NM_018182	C17orf63	chromosome 17 open reading frame 63	ENST00000341217	0,677248132
A_21_P0001135	ENST00000451090	XLOC_000849		ENST00000451090	0,677204173
A_21_P0012297	TCONS_I2_0001803	XLOC_I2_009539			0,677138773
A_23_P52986	NM_152718	VWCE	von Willebrand factor C and EGF domains	ENST00000335613	0,676690797
A_23_P109907	NM_175924	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209	0,676685622
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	0,676583999
A_33_P3210516	ENST00000419825	C2orf43	chromosome 2 open reading frame 43	ENST00000419825	0,675536556
A_32_P7823	NM_144578	MAPK1IP1L	mitogen-activated protein kinase 1 interacting protein 1-like	ENST00000395468	0,675508991
A_23_P2283	NM_013251	TAC3	tachykinin 3	ENST00000393867	0,675454552
A_23_P404667	NM_001197	BIK	BCL2-interacting killer (apoptosis-inducing)	ENST00000216115	0,675211501
A_33_P3287113	ENST00000296312	KIAA1530	KIAA1530	ENST00000296312	0,675191248
A_33_P3787904	ENST00000523599	IKBKB	inhibitor of kappa light polypeptide gene enhancer in B-cell:	ENST00000523599	0,674999177
A_33_P3248405	ENST00000536164	NRK	Nik related kinase	ENST00000536164	0,67484945
A_21_P0000289	NR_002749	SNORD45A	small nucleolar RNA, C/D box 45A	ENST00000497648	0,674615865
A_24_P14731	NM_013271	PCSK1N	proprotein convertase subtilisin/kexin type 1 inhibitor	ENST00000218230	0,674464677
A_33_P3265606	NM_002061	GCLM	glutamate-cysteine ligase, modifier subunit	ENST00000370238	0,674410599
A_33_P3249524	NM_001031618	SPDYE2	speedy homolog E2 (Xenopus laevis)	ENST00000432940	0,674048676
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,674040955
A_23_P114134	NM_175711	SSX3	synovial sarcoma, X breakpoint 3	ENST00000376893	0,673996028
A_24_P636332	NM_198489	CCDC84	coiled-coil domain containing 84	ENST00000334418	0,673958706

A_33_P3225696	NM_133444	ZNF526	zinc finger protein 526	ENST00000301215	0,673931415
A_23_P433016	NM_001996	FBLN1	fibulin 1	ENST00000476366	0,673793369
A_23_P8013	NM_003519	HIST1H2BL	histone cluster 1, H2bl	ENST00000377401	0,67378218
A_23_P82108	NM_020861	ZBTB2	zinc finger and BTB domain containing 2	ENST00000325144	0,673735345
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599	0,673502026
A_21_P0009382	AB593144	XLOC_012142			0,673303022
A_32_P46191	NM_001159522	ZNF727	zinc finger protein 727	ENST00000550760	0,673096915
A_21_P0003604	TCONS_00008057	XLOC_003522			0,672631335
A_33_P3376095	NM_001040709	SYPL2	synaptophysin-like 2	ENST00000369872	0,67261448
A_21_P0011185	TCONS_I2_0000720	XLOC_I2_003992			0,672191409
A_23_P27636	NM_144566	ZNF700	zinc finger protein 700	ENST00000254321	0,672138789
A_21_P0001923	ENST00000450667	XLOC_001699		ENST00000450667	0,672103846
A_33_P3353496	NM_153368	GJD4	gap junction protein, delta 4, 40.1kDa	ENST00000321660	0,671845706
A_33_P3339103	NM_203290	POLR1C	polymerase (RNA) I polypeptide C, 30kDa	ENST00000372373	0,671812991
A_23_P104594	NM_021920	SCT	secretin	ENST00000176195	0,671807718
A_21_P0014088	XR_108395	LOC100506439	uncharacterized LOC100506439	ENST00000430048	0,671612778
A_21_P0011625	NR_027418	LOC100499466	uncharacterized LOC100499466		0,671612016
A_24_P118011	NR_027258	PRORS1P	prolyl-tRNA synthetase associated domain containing 1, pse	ENST00000295112	0,671496279
A_21_P0013530	BC038783	C8orf68	chromosome 8 open reading frame 68		0,671463842
A_33_P3209522	NM_144975	SLFN5	schlafen family member 5	ENST00000299977	0,671384253
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,671370603
A_21_P0001585	TCONS_00001693	XLOC_001052			0,671279306
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,671224546
A_33_P3336287	NM_001142627	SEC61A2	Sec61 alpha 2 subunit (<i>S. cerevisiae</i>)	ENST00000379017	0,67116629
A_23_P129659	NM_138447	ZNF689	zinc finger protein 689	ENST00000443190	0,671160814
A_24_P360529	ENST00000396642	PDE7A	phosphodiesterase 7A	ENST00000396642	0,670993511
A_33_P3213419	AK054946	LOC100129447	uncharacterized LOC100129447		0,670809008
A_32_P109036	NM_001076678	ZNF493	zinc finger protein 493	ENST00000355504	0,670762707
A_33_P3318237	NM_006244	PPP2R5B	protein phosphatase 2, regulatory subunit B', beta	ENST00000359279	0,670748528

A_33_P3363655	NM_022662	ANAPC1	anaphase promoting complex subunit 1	ENST00000451367	0,670699781
A_23_P214080	NM_001964	EGR1	early growth response 1	ENST00000239938	0,670639886
A_23_P325625	NM_173690	SCAI	suppressor of cancer cell invasion	ENST00000467917	0,670578704
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,6703273
A_24_P368943	NM_001989	EVX1	even-skipped homeobox 1	ENST00000496902	0,670324213
A_23_P114349	NM_130776	XAGE3	X antigen family, member 3	ENST00000346279	0,670229639
A_21_P0013568	AK311573	XLOC_I2_014802			0,670105591
A_21_P0008487	TCONS_00022868	XLOC_011119			0,669783228
A_33_P3224795	NM_022466	IKZF5	IKAROS family zinc finger 5 (Pegasus)	ENST00000368886	0,669581053
A_33_P3299766	ENST00000369246	FAM160B1	family with sequence similarity 160, member B1	ENST00000369246	0,669409753
A_21_P0006249	TCONS_00016263	XLOC_007635			0,669280561
A_33_P3389779	ENST00000408998	WDR33	WD repeat domain 33	ENST00000408998	0,669126148
A_21_P0000581	NR_029388	LOC728407	poly (ADP-ribose) glycohydrolase pseudogene	ENST00000415340	0,669109991
A_23_P53530	NM_001033050	MTERFD3	MTERF domain containing 3	ENST00000552029	0,669098943
A_19_P00318152	NR_003239	SNHG11			0,668741003
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,668693513
A_21_P0001457	ENST00000449154	XLOC_000676		ENST00000449154	0,66851767
A_33_P3279109	BC039601	ZNF75A	zinc finger protein 75a		0,668055439
A_23_P130444	NM_018260	ZNF701	zinc finger protein 701	ENST00000301093	0,66795686
A_21_P0013346	ENST00000451962	XLOC_I2_013963		ENST00000451962	0,667778533
A_32_P35969	NM_001190455	CHRNA7	cholinergic receptor, nicotinic, alpha 7	ENST00000454250	0,667730507
A_32_P191503	NR_026999	LINC00265	long intergenic non-protein coding RNA 265		0,667649763
A_21_P0000387	NR_003071	SNORD90	small nucleolar RNA, C/D box 90		0,667445336
A_23_P332908	NM_144982	ZFC3H1	zinc finger, C3H1-type containing	ENST00000548100	0,667207557
A_23_P160226	NM_001039464	HEATR8	HEAT repeat containing 8	ENST00000421030	0,666998095
A_23_P119763	NM_022436	ABCG5	ATP-binding cassette, sub-family G (WHITE), member 5	ENST00000409962	0,666921998
A_19_P00810009	ENST00000551631	LOC100506948		ENST00000551631	0,666918183
A_33_P3252612	NM_017781	CYP2W1	cytochrome P450, family 2, subfamily W, polypeptide 1	ENST00000308919	0,6665922
A_21_P0010591	TCONS_I2_0000096	XLOC_I2_000727			0,666560157

A_24_P411863	NM_182931	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax h	ENST00000393656	0,666525973
A_33_P3415653	AK128046	LOC100128668	uncharacterized LOC100128668		0,666471053
A_33_P3252809	ENST00000405673	FAM118A	family with sequence similarity 118, member A	ENST00000405673	0,66633376
A_33_P3268629	NR_026999	LINC00265	long intergenic non-protein coding RNA 265		0,666315151
A_23_P301247	NM_003517	HIST2H2AC	histone cluster 2, H2ac	ENST00000331380	0,666237558
A_33_P3292851	ENST00000402301	UBE2I	ubiquitin-conjugating enzyme E2I	ENST00000402301	0,665905364
A_24_P922631	NM_001102609	C5orf58	chromosome 5 open reading frame 58	ENST00000521850	0,665869012
A_23_P211785	NM_003420	ZNF35	zinc finger protein 35	ENST00000396056	0,665646561
A_21_P0000624	NM_001243392	SLC6A13	solute carrier family 6 (neurotransmitter transporter, GABA	ENST00000436453	0,665541986
A_23_P168864	NM_001029976	ZNF16	zinc finger protein 16	ENST00000394909	0,665512341
A_19_P00320242	ENST00000551938	LOC100506948		ENST00000551938	0,66528491
A_24_P19268	NM_182515	ZNF714	zinc finger protein 714	ENST00000343332	0,665174393
A_33_P3420530	NM_001134366	GAD2	glutamate decarboxylase 2 (pancreatic islets and brain, 65k	ENST00000376261	0,665105638
A_19_P00322983	THC2573057	XLOC_006037			0,664810768
A_24_P220771	NM_032217	ANKRD17	ankyrin repeat domain 17	ENST00000411811	0,664807661
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,664700872
A_21_P0000349	NR_002998	SCARNA3	small Cajal body-specific RNA 3		0,664505847
A_24_P136551	ENST00000374747	NPLOC4	nuclear protein localization 4 homolog (<i>S. cerevisiae</i>)	ENST00000374747	0,663886565
A_24_P233078	NR_003064	PYY2	peptide YY, 2 (seminalplasmin)	ENST00000441253	0,66347774
A_33_P3308626	NM_014940	MON1B	MON1 homolog B (yeast)	ENST00000320859	0,663387251
A_32_P182473	NM_145233	ZNF625	zinc finger protein 625	ENST00000439556	0,663336459
A_33_P3235420	NM_201431	RASSF6	Ras association (RalGDS/AF-6) domain family member 6	ENST00000342081	0,663318615
A_33_P3248900	NR_028324	FLJ45445	uncharacterized LOC399844	ENST00000425496	0,663288287
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,663143837
A_33_P3307775	NM_003677	DENR	density-regulated protein		0,662885198
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,662749091
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,662672422
A_21_P0000284	NR_002742	SNORD52	small nucleolar RNA, C/D box 52	ENST00000395788	0,662511134
A_19_P00317242	XM_001716361	LOC388210	apolipoporphins-like		0,662498616

A_23_P107963	NM_000148	FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase)	ENST00000310160	0,662387419
A_32_P88719	NM_001031834	RAB40AL	RAB40A, member RAS oncogene family-like	ENST00000218249	0,66233224
A_33_P3390576	NM_001197104	MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog)	ENST00000389506	0,662327019
A_21_P0002850	XR_110050	LOC100506301	uncharacterized LOC100506301	ENST00000416124	0,662216781
A_21_P0010267	HQ013231	XLOC_013994			0,662176243
A_21_P0014156	XR_108632	LOC100507603	uncharacterized LOC100507603		0,662134584
A_33_P3390570	NM_005933	MLL	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog)	ENST00000389507	0,662126782
A_33_P3365845	ENST00000466694	NUPL1	nucleoporin like 1	ENST00000466694	0,661613389
A_21_P0013856	THC2516011	XLOC_l2_015641			0,661605736
A_33_P3221432	NM_001037813	ZNF284	zinc finger protein 284	ENST00000421176	0,661460445
A_33_P3386671	NM_005060	RORC	RAR-related orphan receptor C	ENST00000356728	0,661200666
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,661124445
A_33_P3287661	AK126997	LOC100130430	uncharacterized LOC100130430		0,661074314
A_23_P79247	NM_024989	PGAP1	post-GPI attachment to proteins 1	ENST00000482051	0,6610418
A_23_P403424	NM_005090	JMJD7-PLA2G4B	JMJD7-PLA2G4B readthrough	ENST00000483748	0,661026174
A_21_P0007572	TCONS_00020456	XLOC_009788			0,66096596
A_21_P0000274	NR_002591	SNORD95	small nucleolar RNA, C/D box 95	ENST00000503170	0,660964803
A_33_P3749627	AB007978	KIAA0509	uncharacterized LOC57242		0,660905869
A_21_P0007801	THC2749949	XLOC_010258			0,660718983
A_33_P3289251	AK095971	LOC644727	uncharacterized LOC644727		0,660654505
A_33_P3405897	NM_014798	PLEKHM1	pleckstrin homology domain containing, family M (with RUF)	ENST00000397718	0,660471518
A_33_P3211864	NR_028407	ARMCX4	armadillo repeat containing, X-linked 4	ENST00000354842	0,660450637
A_33_P3398091	NM_001130031	ZNF562	zinc finger protein 562	ENST00000541032	0,660386149
A_21_P0010044	TCONS_00028410	XLOC_013763			0,66036128
A_21_P0002438	TCONS_00004245	XLOC_002085			0,66034004
A_33_P3227320	NM_152622	MIER3	mesoderm induction early response 1, family member 3	ENST00000452157	0,660170936
A_19_P00316105	ENST00000422861	L3MBTL1	l(3)mbt-like 1 (Drosophila)	ENST00000422861	0,660165584
A_23_P258002	NM_017632	CDKN2AIP	CDKN2A interacting protein	ENST00000504169	0,660127399
A_23_P130158	NM_030753	WNT3	wingless-type MMTV integration site family, member 3	ENST00000225512	0,660003099

A_21_P0009089	TCONS_00024777	XLOC_012052				0,659973714
A_33_P3220152	NM_014963	SBNO2	strawberry notch homolog 2 (Drosophila)	ENST00000250872		0,659658601
A_21_P0010394	ENST00000445987	MED15	mediator complex subunit 15	ENST00000445987		0,659466097
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599		0,659430093
A_23_P321501	NM_182908	DHRS2	dehydrogenase/reductase (SDR family) member 2	ENST00000556701		0,659405854
A_23_P46315	ENST00000369540	DENND2C	DENN/MADD domain containing 2C	ENST00000369540		0,659205713
A_33_P3407742	NM_001033556	PPM1B	protein phosphatase, Mg2+/Mn2+ dependent, 1B	ENST00000409895		0,659122076
A_33_P3283147	NM_001005245	OR5M11	olfactory receptor, family 5, subfamily M, member 11	ENST00000528616		0,65888764
A_33_P3223632	XR_133099	LOC100653259	e3 ubiquitin-protein ligase HERC2-like			0,658700563
A_21_P0011608	TCONS_I2_0001143	XLOC_I2_006173				0,658610209
A_33_P3276585	NM_001099224	IFT74	intraflagellar transport 74 homolog (Chlamydomonas)	ENST00000429045		0,658036211
A_21_P0004866	NR_026775	LINC00240	long intergenic non-protein coding RNA 240	ENST00000503488		0,658018585
A_24_P151834	NM_020740	ANKFY1	ankyrin repeat and FYVE domain containing 1	ENST00000433651		0,657938913
A_33_P3219459	NM_001114748	C1orf70	chromosome 1 open reading frame 70	ENST00000378733		0,657904653
A_33_P3298111	ENST00000466831	SPATA13	spermatogenesis associated 13	ENST00000466831		0,657902704
A_33_P3266265	NM_001025780	FAM108B1	family with sequence similarity 108, member B1	ENST00000333421		0,657900887
A_33_P3379436	NR_026802	FAM74A4	family with sequence similarity 74, member A4	ENST00000427006		0,657866161
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437		0,657800119
A_33_P3392123	NR_026544	LOC100233209	uncharacterized LOC100233209			0,657579805
A_33_P3759592	AK023835	FLJ13773	FLJ13773			0,657567983
A_19_P00810474	XM_003403479	LOC100652741				0,657438611
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947		0,657256992
A_33_P3320197	NM_001002919	FAM150B	family with sequence similarity 150, member B	ENST00000436353		0,657213798
A_32_P386636	NM_182761	FAM170A	family with sequence similarity 170, member A	ENST00000296787		0,657128104
A_33_P3377459	NM_001040284	PAPD5	PAP associated domain containing 5	ENST00000436909		0,657059399
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947		0,656983791
A_21_P0006023	ENST00000422010	XLOC_007422		ENST00000422010		0,656864511
A_23_P396867	NM_178582	HM13	histocompatibility (minor) 13	ENST00000498035		0,656764676
A_23_P119573	NM_002248	KCNN1	potassium intermediate/small conductance calcium-activated	ENST00000222249		0,656632134

A_33_P3269453	ENST00000342579	BPTF	bromodomain PHD finger transcription factor	ENST00000342579	0,656410778
A_33_P3252630	NM_203282	ZNF254	zinc finger protein 254	ENST00000392281	0,65639242
A_23_P55376	NM_015443	KIAA1267	KIAA1267	ENST00000262419	0,656387498
A_23_P337270	ENST00000383770	NEK10	NIMA (never in mitosis gene a)- related kinase 10	ENST00000383770	0,656099844
A_33_P3320393	NM_016065	MRPS16	mitochondrial ribosomal protein S16	ENST00000372940	0,656071445
A_33_P3323392	XM_001716667	LOC731932	uncharacterized LOC731932		0,655804558
A_23_P394323	ENST00000491535	FAM98B	family with sequence similarity 98, member B	ENST00000491535	0,655639739
A_21_P0011770	BC041478	XLOC_I2_006718			0,655623402
A_23_P129413	NM_022357	DPEP3	dipeptidase 3	ENST00000268793	0,655326457
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,655132925
A_23_P31376	NM_018334	LRRN3	leucine rich repeat neuronal 3	ENST00000308478	0,655069611
A_21_P0000252	NR_002450	SNORD68	small nucleolar RNA, C/D box 68	ENST00000487034	0,655040312
A_33_P3419938	NM_000551	VHL	von Hippel-Lindau tumor suppressor	ENST00000345392	0,655011149
A_21_P0000210	NR_000010	SNORD4A	small nucleolar RNA, C/D box 4A	ENST00000473896	0,654932389
A_21_P0000213	NR_000013	SNORD42B	small nucleolar RNA, C/D box 42B		0,654454934
A_23_P103276	NM_138417	KT112	KT112 homolog, chromatin associated (S. cerevisiae)	ENST00000371614	0,654410185
A_33_P3370461	BC047718	SUZ12P	suppressor of zeste 12 homolog pseudogene		0,654387511
A_21_P0000256	NR_002562	SNORD28	small nucleolar RNA, C/D box 28		0,654208727
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	0,654103252
A_21_P0000268	NR_002584	SNORA69	small nucleolar RNA, H/ACA box 69	ENST00000477403	0,653874633
A_21_P0013963	XM_003118619	LOC100507445	uncharacterized protein LOC100507445		0,653869611
A_21_P0006695	ENST00000439157	XLOC_008556		ENST00000439157	0,653865819
A_21_P0002398	TCONS_00004131	XLOC_001974			0,653807454
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,653654777
A_21_P0000257	NR_002563	SNORD27	small nucleolar RNA, C/D box 27		0,652974523
A_23_P335039	NM_133474	ZNF721	zinc finger protein 721	ENST00000338977	0,652499193
A_21_P0012794	ENST00000510592	XLOC_I2_011265		ENST00000510592	0,652496182
A_33_P3219745	ENST00000368681	ILF2	interleukin enhancer binding factor 2, 45kDa	ENST00000368681	0,652252749
A_33_P3315475	NM_001080435	WHAMM	WAS protein homolog associated with actin, golgi membrar	ENST00000234505	0,652143657

A_21_P0005640	TCONS_00014570	XLOC_006680				0,652135328
A_23_P166400	NM_001007279	RASL10A	RAS-like, family 10, member A		ENST00000401450	0,65196118
A_23_P371011	NM_182490	ZNF227	zinc finger protein 227		ENST00000377916	0,651732975
A_33_P3291459	NR_037169	LOC100507547	uncharacterized LOC100507547		ENST00000487140	0,651704354
A_33_P3340639	ENST00000369425	GPAM	glycerol-3-phosphate acyltransferase, mitochondrial		ENST00000369425	0,651668384
A_33_P3242909	NM_145276	ZNF563	zinc finger protein 563		ENST00000318168	0,651425078
A_21_P0000382	NR_003059	SNORD71	small nucleolar RNA, C/D box 71			0,651297099
A_33_P3390955	NR_004422	HPVC1	human papillomavirus (type 18) E5 central sequence-like 1			0,651268759
A_24_P838483	NM_001037671	C12orf74	chromosome 12 open reading frame 74		ENST00000397833	0,651102408
A_21_P0003882	TCONS_00009003	XLOC_003849				0,650902813
A_21_P0013266	BQ926105	XLOC_I2_013594				0,65077579
A_23_P38482	NM_024297	PHF23	PHD finger protein 23		ENST00000454255	0,650665818
A_33_P3392366	XR_132755	LOC100128366	uncharacterized LOC100128366			0,650293695
A_21_P0000760	NR_038318	LOC100526771	uncharacterized LOC100526771		ENST00000527329	0,650270525
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485		ENST00000374437	0,650181196
A_33_P3375528	NM_152622	MIER3	mesoderm induction early response 1, family member 3		ENST00000451637	0,650103932
A_33_P3241244	AK128841	LOC100131822	uncharacterized LOC100131822			0,649989326
A_21_P0012235	AK127572	XLOC_I2_009273				0,649829243
A_33_P3416420	NM_145062	ZUFSP	zinc finger with UFM1-specific peptidase domain		ENST00000368573	0,649660989
A_33_P3423270	NM_018306	TMEM40	transmembrane protein 40		ENST00000435218	0,649581472
A_23_P94911	NM_181845	ZNF283	zinc finger protein 283		ENST00000324461	0,64953677
A_32_P11230	NR_024497	LOC399744	uncharacterized LOC399744			0,649418847
A_33_P3546363	BQ950045	LOC400128	uncharacterized LOC400128			0,649197362
A_33_P3227691	NM_004594	SLC9A5	solute carrier family 9 (sodium/hydrogen exchanger), mem		ENST00000299798	0,648935621
A_24_P818010	NR_028326	LOC100133161	uncharacterized LOC100133161			0,64866949
A_32_P177097	NM_024341	ZNF557	zinc finger protein 557		ENST00000252840	0,648653491
A_32_P38283	NM_174910	TCTE3	t-complex-associated-testis-expressed 3		ENST00000366774	0,64865098
A_23_P372988	NM_001134316	PRR22	proline rich 22		ENST00000390672	0,64819875
A_23_P254573	NM_014377	DNAJC2	DnaJ (Hsp40) homolog, subfamily C, member 2		ENST00000464253	0,647851092

A_33_P3345414	ENST00000373626	RPS4X	ribosomal protein S4, X-linked	ENST00000373626	0,64781495
A_24_P71938	NM_005900	SMAD1	SMAD family member 1		0,647637211
A_21_P0000333	NR_002978	SNORA46	small nucleolar RNA, H/ACA box 46		0,647519522
A_33_P3369419	NM_032292	GON4L	gon-4-like (C. elegans)	ENST00000368327	0,647403022
A_33_P3349045	NM_001008699	IL4R	interleukin 4 receptor	ENST00000380925	0,647361966
A_23_P78802	NM_016457	PRKD2	protein kinase D2	ENST00000291281	0,647081731
A_21_P0005187	TCONS_00012836	XLOC_005944			0,647041251
A_21_P0007039	TCONS_00018649	XLOC_009000			0,646982493
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,646819921
A_21_P0011342	AK127420	LOC400464	uncharacterized LOC400464		0,646718531
A_33_P3265224	ENST00000537589	CEP68	centrosomal protein 68kDa	ENST00000537589	0,646538059
A_21_P0013893	TCONS_I2_00030929	XLOC_I2_015938			0,646469204
A_33_P3709317	NR_002964	SNORA28	small nucleolar RNA, H/ACA box 28		0,646444108
A_33_P3416009	AK001274	DONSON	downstream neighbor of SON	ENST00000303113	0,646266531
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,646162387
A_21_P0011354	THC2500351	XLOC_I2_004844			0,646075686
A_24_P314597	ENST00000485551	KIAA0319L	KIAA0319-like	ENST00000485551	0,645694881
A_32_P196115	NM_145115	ZNF498	zinc finger protein 498	ENST00000485586	0,645467455
A_23_P95736	NM_001001415	ZNF429	zinc finger protein 429	ENST00000358491	0,645457384
A_33_P3246858	ENST00000393149	TBX15	T-box 15	ENST00000393149	0,645446063
A_33_P3229370	NM_001546	ID4	inhibitor of DNA binding 4, dominant negative helix-loop-hel	ENST00000378700	0,645347428
A_19_P00319779	ENST00000553134	LOC100506948		ENST00000553134	0,645115662
A_23_P59069	NM_003527	HIST1H2BO	histone cluster 1, H2bo	ENST00000303806	0,645057518
A_24_P280497	NM_001142641	FBRSL1	fibrosin-like 1	ENST00000261673	0,644915744
A_19_P00322101	NR_038955	LOC100506190	uncharacterized LOC100506190		0,644884709
A_21_P0000085	NM_001171906	NUDT16	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000502852	0,644857111
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,64482882
A_24_P390909	NM_181882	PRX	periaxin	ENST00000341562	0,644724235
A_23_P110430	NM_002448	MSX1	msh homeobox 1	ENST00000382723	0,644686348

A_24_P93736	NR_024341	FLJ40292	uncharacterized LOC643210		0,644684146
A_24_P203953	BC037281	LOC439951	uncharacterized LOC439951		0,644656461
A_24_P83183	NM_005663	WHSC2	Wolf-Hirschhorn syndrome candidate 2	ENST00000411638	0,644593955
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599	0,644223993
A_23_P144531	ENST00000309610	ALPK1	alpha-kinase 1	ENST00000309610	0,644189738
A_21_P0003091	THC2503819	XLOC_002996			0,64410712
A_21_P0006123	TCONS_00015915	XLOC_007277			0,643660217
A_33_P3262118	ENST00000314174	LUZP1	leucine zipper protein 1	ENST00000314174	0,643535658
A_21_P0000302	NR_002920	SNORA8	small nucleolar RNA, H/ACA box 8	ENST00000534079	0,64349614
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,643454529
A_33_P3685572	BX649145	LOC157562	uncharacterized LOC157562		0,643444943
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	0,643318791
A_21_P0000398	NR_003140	SNORD117	small nucleolar RNA, C/D box 117		0,643162548
A_33_P3361472	ENST00000488687	PSME4	proteasome (prosome, macropain) activator subunit 4	ENST00000488687	0,643140572
A_21_P0008722	TCONS_00023629	XLOC_011429			0,643033712
A_33_P3372566	ENST00000443426	ABCC10	ATP-binding cassette, sub-family C (CFTR/MRP), member 10	ENST00000443426	0,643026819
A_21_P0007635	TCONS_00020579	XLOC_009895			0,642564808
A_21_P0000086	NM_001172557	GOLGA3	golgin A3	ENST00000545875	0,642379777
A_23_P123228	NM_000111	SLC26A3	solute carrier family 26, member 3	ENST00000340010	0,642119955
A_21_P0006331	TCONS_00016498	XLOC_007879			0,64199692
A_23_P411922	NM_001031698	PRPF40B	PRP40 pre-mRNA processing factor 40 homolog B (S. cerevisiae)	ENST00000261897	0,641993871
A_33_P3273000	AK128371	PTK2B	PTK2B protein tyrosine kinase 2 beta	ENST00000397497	0,641888372
A_23_P216935	NR_026677	MIR600HG	MIR600 host gene (non-protein coding)	ENST00000545631	0,641882607
A_32_P8529	NR_027058	LINC00338	long intergenic non-protein coding RNA 338	ENST00000434411	0,641771869
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,641411335
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,641411223
A_24_P350744	NM_014949	KIAA0907	KIAA0907	ENST00000466713	0,641305253
A_23_P148484	NM_016120	RLIM	ring finger protein, LIM domain interacting	ENST00000349225	0,641264647
A_23_P219084	NM_032924	ZNF3	zinc finger protein 3	ENST00000487620	0,641246651

A_21_P0000383	NR_003065	SNORD84	small nucleolar RNA, C/D box 84	ENST00000467175	0,641239328
A_33_P3245674	ENST00000500161	ZNF329	zinc finger protein 329	ENST00000500161	0,641188477
A_33_P3358712	NR_027390	POLR2M	polymerase (RNA) II (DNA directed) polypeptide M	ENST00000464277	0,641005995
A_33_P3355717	ENST00000408913	ZFP36L1	zinc finger protein 36, C3H type-like 1	ENST00000408913	0,640977867
A_21_P0007662	TCONS_00020641	XLOC_009943			0,640585122
A_21_P0001139	AK128720	PKP4	plakophilin 4	ENST00000448344	0,640504166
A_24_P80532	NM_004354	CCNG2	cyclin G2	ENST00000354403	0,640484276
A_19_P00322984	THC2573057	XLOC_006037			0,640231674
A_21_P0014714	ENST00000498714	FOXP1-IT1		ENST00000498714	0,639980564
A_33_P3379017	NM_015094	HIC2	hypermethylated in cancer 2	ENST00000407598	0,639926943
A_33_P3372924	ENST00000366779	ADCK3	aarF domain containing kinase 3	ENST00000366779	0,639913048
A_21_P0009377	TCONS_00025825	XLOC_012097			0,63990347
A_33_P3410895	ENST00000421059	POR	P450 (cytochrome) oxidoreductase	ENST00000421059	0,639757832
A_23_P342668	NM_005088	AKAP17A	A kinase (PRKA) anchor protein 17A	ENST00000474361	0,639737939
A_23_P66719	NM_144683	DHRS13	dehydrogenase/reductase (SDR family) member 13	ENST00000426464	0,639385714
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,638961452
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,638942725
A_33_P3626709	AK126613	LOC100129280	uncharacterized LOC100129280		0,638859978
A_23_P164022	NM_033375	MYO1C	myosin IC	ENST00000361007	0,638751824
A_24_P137997	NM_030580	ZNF34	zinc finger protein 34	ENST00000527740	0,638556654
A_23_P86386	NM_024804	ZNF669	zinc finger protein 669	ENST00000535105	0,638446652
A_33_P3413404	AK309987	PARVB	parvin, beta	ENST00000402876	0,638089487
A_21_P0014876	XR_132783	LOC100652948	uncharacterized LOC100652948		0,637955192
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599	0,637729275
A_19_P00322495	NM_001195131	LOC100130890	uncharacterized LOC100130890		0,63757935
A_23_P54116	NM_014992	DAAM1	dishevelled associated activator of morphogenesis 1	ENST00000553307	0,637541305
A_21_P0013343	THC2539716	XLOC_I2_013931			0,637532914
A_21_P0001322	TCONS_00000997	XLOC_000263			0,637417475
A_24_P208737	NR_004431	GHRLOS	ghrelin opposite strand/antisense RNA (non-protein coding)	ENST00000439539	0,637317797

A_21_P0000631	NR_034079	LOC643733	caspase 4, apoptosis-related cysteine peptidase pseudogen	ENST00000531091	0,637157756
A_33_P3311717	ENST00000551557	TGIF1	TGFB-induced factor homeobox 1	ENST00000551557	0,636941094
A_23_P137238	NM_004653	KDM5D	lysine (K)-specific demethylase 5D	ENST00000492117	0,636913542
A_33_P3275000	NM_001083621	ZBTB40	zinc finger and BTB domain containing 40	ENST00000400239	0,636842882
A_23_P211584	NM_033318	C22orf32	chromosome 22 open reading frame 32	ENST00000331479	0,636657219
A_24_P51588	NM_030937	CCNL2	cyclin L2	ENST00000488340	0,636238298
A_33_P3245484	AK124361	LOC100131000	uncharacterized LOC100131000		0,636109112
A_21_P0013069	NR_003504	GUSBP2	glucuronidase, beta pseudogene 2	ENST00000466668	0,636091154
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,63604814
A_19_P00316349	THC2641849	XLOC_012034			0,635744519
A_21_P0013915	XM_001715069	LOC100130445	uncharacterized LOC100130445		0,635266323
A_33_P3323939	NM_001102469	LIPN	lipase, family member N	ENST00000404459	0,635102803
A_21_P0013280	TCONS_I2_0002638	XLOC_I2_013728			0,635023669
A_21_P0000263	NR_002576	SNORA21	small nucleolar RNA, H/ACA box 21		0,634951399
A_21_P0008206	TCONS_00022098	XLOC_010707			0,634732603
A_23_P52480	NM_000772	CYP2C18	cytochrome P450, family 2, subfamily C, polypeptide 18	ENST00000476630	0,634521614
A_33_P3229380	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000415989	0,634483686
A_24_P315500	NR_024567	LOC100130557	uncharacterized LOC100130557		0,634318671
A_33_P3355743	NM_018040	GPATCH2	G patch domain containing 2	ENST00000366934	0,634020442
A_33_P3378531	NM_020682	AS3MT	arsenic (+3 oxidation state) methyltransferase	ENST00000369880	0,633981451
A_24_P114142	NM_005076	CNTN2	contactin 2 (axonal)	ENST00000331830	0,633955963
A_21_P0011370	NR_027409	GOLGA8A	golgin A8 family, member A	ENST00000360553	0,633918642
A_33_P3236316	NR_037596	FLJ14186	uncharacterized LOC401149		0,633850497
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,633745439
A_21_P0014237	XR_108981	LOC100507332	uncharacterized LOC100507332		0,63366433
A_21_P0014358	XR_109439	LOC100507520	uncharacterized LOC100507520		0,633501855
A_19_P00325158	NR_002819	MALAT1			0,633406208
A_21_P0007854	TCONS_00021223	XLOC_009911			0,633056236
A_33_P3395823	NM_172109	KCNQ2	potassium voltage-gated channel, KQT-like subfamily, mem	ENST00000344425	0,632837015

A_33_P3722568	NR_027232	PPP2R3B-AS1	PPP2R3B antisense RNA 1 (non-protein coding)	ENST00000391707	0,632683804
A_23_P107693	NM_017652	ZNF586	zinc finger protein 586	ENST00000449441	0,63259918
A_23_P59388	NM_001723	DST	dystonin	ENST00000370765	0,632586941
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,6323266
A_21_P0009596	TCONS_00026588	XLOC_012904			0,632306516
A_33_P3252989	NM_015037	KIAA0913	KIAA0913	ENST00000398706	0,632280231
A_23_P11664	NM_004768	SRSF11	serine/arginine-rich splicing factor 11	ENST00000489188	0,632255703
A_24_P932416	NM_001123228	TMEM14E	transmembrane protein 14E	ENST00000408960	0,631918702
A_23_P252855	NM_018321	BRX1	BRX1, biogenesis of ribosomes, homolog (S. cerevisiae)	ENST00000506023	0,631880705
A_33_P3288569	NM_001144891	MBIP	MAP3K12 binding inhibitory protein 1	ENST00000554855	0,631806951
A_19_P00318593	ENST00000504068	Q9B8G3		ENST00000504068	0,63166968
A_21_P0004998	BC050584	XLOC_005595			0,631615713
A_21_P0014837	ENST00000508031	LOC100507388		ENST00000508031	0,631549377
A_21_P0011737	TCONS_I2_0001300	XLOC_I2_006996			0,631439674
A_33_P3327076	NM_001001824	OR2T27	olfactory receptor, family 2, subfamily T, member 27	ENST00000344889	0,631233982
A_19_P00806962	XR_109771	LOC100506774	uncharacterized LOC100506774		0,630869924
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,630663463
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,630640636
A_23_P26511	NM_024307	GDPD3	glycerophosphodiester phosphodiesterase domain containi	ENST00000360688	0,630535699
A_23_P53267	NM_023012	RSRC2	arginine/serine-rich coiled-coil 2	ENST00000532695	0,630365235
A_23_P206077	NM_022767	AEN	apoptosis enhancing nuclease	ENST00000332810	0,630189096
A_33_P3217743	NR_037596	FLJ14186	uncharacterized LOC401149		0,629966267
A_21_P0005349	ENST00000421380	XLOC_005965		ENST00000421380	0,629704888
A_33_P3421520	NM_022466	IKZF5	IKAROS family zinc finger 5 (Pegasus)	ENST00000368886	0,629702083
A_23_P27894	NM_014649	SAFB2	scaffold attachment factor B2	ENST00000252542	0,629678153
A_32_P97862	NM_001145474	ATPAF1-AS1	ATPAF1 antisense RNA 1 (non-protein coding)	ENST00000334122	0,629673932
A_21_P0014388	ENST00000545324	DNM2	dynamamin 2	ENST00000545324	0,629633731
A_33_P3407384	ENST00000373413	ZSCAN20	zinc finger and SCAN domain containing 20	ENST00000373413	0,629540569
A_33_P3287646	NM_001540	HSPB1	heat shock 27kDa protein 1	ENST00000432276	0,629515868

A_24_P50950	ENST00000492980	CCDC88B	coiled-coil domain containing 88B	ENST00000492980	0,629514511
A_33_P3821494	AK094442	LOC284939	uncharacterized LOC284939		0,629478955
A_33_P3400424	NM_001199324	ZNF615	zinc finger protein 615	ENST00000391793	0,629439448
A_32_P202759	NM_177454	FAM171B	family with sequence similarity 171, member B	ENST00000272804	0,629290082
A_33_P3420841	ENST00000402116	EIF3D	eukaryotic translation initiation factor 3, subunit D	ENST00000402116	0,629274545
A_24_P50753	NM_199040	NUDT4	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000337179	0,629136445
A_33_P3281358	ENST00000472621	ARF3	ADP-ribosylation factor 3	ENST00000472621	0,62887231
A_21_P0006483	TCONS_00017140	XLOC_007930			0,628837074
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,628762347
A_33_P3252588	NR_024485	LOC100130093	uncharacterized LOC100130093	ENST00000480897	0,628339664
A_33_P3418194	NM_023946	LYNX1	Ly6/neurotoxin 1	ENST00000335822	0,628269048
A_21_P0012915	TCONS_I2_0002299	XLOC_I2_012135			0,628174091
A_33_P3283828	NM_001143980	CCDC154	coiled-coil domain containing 154	ENST00000389176	0,627899646
A_24_P126262	NM_181704	BAGE4	B melanoma antigen family, member 4	ENST00000470054	0,627826219
A_33_P3321055	ENST00000464735	TNFRSF19	tumor necrosis factor receptor superfamily, member 19	ENST00000464735	0,62769113
A_32_P336776	NM_194277	FRMD7	FERM domain containing 7	ENST00000298542	0,627509085
A_23_P84910	NM_003446	ZNF157	zinc finger protein 157	ENST00000377073	0,627421786
A_23_P256603	NM_001207008	MLLT4	myeloid/lymphoid or mixed-lineage leukemia (trithorax homologue 4)	ENST00000366809	0,627383308
A_33_P3405285	NM_001080554	GSG1	germ cell associated 1	ENST00000229465	0,627370275
A_23_P316472	NM_144666	DNHD1	dynein heavy chain domain 1	ENST00000254579	0,62729389
A_33_P3240063	NR_024182	C14orf48	chromosome 14 open reading frame 48		0,627078204
A_19_P00319225	NR_026867	ZNF300P1		ENST00000520773	0,626875532
A_33_P3299309	NM_001136136	RPL28	ribosomal protein L28	ENST00000431533	0,626845743
A_23_P122464	NM_006299	ZNF193	zinc finger protein 193	ENST00000252207	0,626731701
A_21_P0007895	ENST00000539956	VSIG10	V-set and immunoglobulin domain containing 10	ENST00000539956	0,626685419
A_23_P99515	NM_032849	C13orf33	chromosome 13 open reading frame 33	ENST00000380482	0,626567973
A_24_P399694	NM_033089	ZCCHC3	zinc finger, CCHC domain containing 3	ENST00000382352	0,62640212
A_23_P46894	NM_020549	CHAT	choline O-acetyltransferase	ENST00000455728	0,626389846
A_21_P0014589	XR_110415	LOC100507212	uncharacterized LOC100507212		0,626205053

A_21_P0000481	NR_003939	SNORD79	small nucleolar RNA, C/D box 79		0,626123174
A_23_P356554	NM_004282	BAG2	BCL2-associated athanogene 2	ENST00000545080	0,626095463
A_23_P114349	NM_130776	XAGE3	X antigen family, member 3	ENST00000346279	0,625931131
A_23_P128281	NM_007333	KLRC3	killer cell lectin-like receptor subfamily C, member 3	ENST00000381903	0,62572352
A_21_P0000362	NR_003026	SNORA1	small nucleolar RNA, H/ACA box 1	ENST00000529900	0,625613263
A_21_P0013304	TCONS_I2_0002655	XLOC_I2_013808			0,625344707
A_21_P0002192	TCONS_00003621	XLOC_001412			0,625310989
A_21_P0002780	ENST00000484046	XLOC_002867		ENST00000484046	0,625015483
A_33_P3313559	AK126336	ORMDL1	ORM1-like 1 (<i>S. cerevisiae</i>)	ENST00000409519	0,624904245
A_24_P361158	NM_018335	ZNF839	zinc finger protein 839	ENST00000420933	0,624811457
A_21_P0000463	NR_003688	SNORD105B	small nucleolar RNA, C/D box 105B		0,624785347
A_21_P0013650	TCONS_I2_0002934	XLOC_I2_015212			0,624644865
A_33_P3255741	NM_007137	ZNF81	zinc finger protein 81	ENST00000376954	0,624433738
A_23_P395374	NM_003539	HIST1H4D	histone cluster 1, H4d	ENST00000340756	0,62427277
A_19_P00317564	ENST00000450294	XLOC_001512		ENST00000450294	0,624267387
A_33_P3210085	NM_001047160	NET1	neuroepithelial cell transforming 1	ENST00000380337	0,624260611
A_23_P30799	NM_021018	HIST1H3F	histone cluster 1, H3f	ENST00000446824	0,623931819
A_21_P0011573	TCONS_I2_0001112	XLOC_I2_006013			0,623873223
A_24_P136470	NR_027795	BTN2A3P	butyrophilin, subfamily 2, member A3, pseudogene	ENST00000463944	0,623854189
A_23_P103503	NM_002393	MDM4	Mdm4 p53 binding protein homolog (mouse)	ENST00000391947	0,62382388
A_33_P3384260	ENST00000546500	HNRNPA1	heterogeneous nuclear ribonucleoprotein A1	ENST00000546500	0,623735355
A_33_P3239143	NM_198458	ZNF497	zinc finger protein 497	ENST00000391697	0,623519254
A_33_P3223678	NM_014564	LHX3	LIM homeobox 3	ENST00000325195	0,62347958
A_21_P0011537	XM_003119663	LOC100507904	uncharacterized LOC100507904		0,623221028
A_23_P59714	NR_026902	MGC16142	uncharacterized protein MGC16142		0,623158154
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599	0,622997941
A_33_P3386995	NM_015914	TXNDC11	thioredoxin domain containing 11	ENST00000436567	0,622974457
A_33_P3321369	XR_109231	LOC145757	uncharacterized LOC145757		0,622289904
A_33_P3418055	NM_004234	ZNF235	zinc finger protein 235	ENST00000359844	0,622205779

A_33_P3290487	NM_001172668	ZNF668	zinc finger protein 668	ENST00000300849	0,621871775
A_21_P0000271	NR_002588	SNORA4	small nucleolar RNA, H/ACA box 4	ENST00000468362	0,621631312
A_33_P3256088	NR_037596	FLJ14186	uncharacterized LOC401149		0,621315112
A_33_P3273266	NR_024380	LOC441666	zinc finger protein 91 pseudogene		0,621062479
A_33_P3276142	NR_003260	DNM1P46	DNM1 pseudogene 46	ENST00000448059	0,620726023
A_32_P83465	NM_001039703	NBPF10	neuroblastoma breakpoint family, member 10	ENST00000369190	0,620630398
A_21_P0013320	TCONS_I2_0002664	XLOC_I2_013873			0,620623719
A_33_P3280875	NM_006469	IVNS1ABP	influenza virus NS1A binding protein	ENST00000392007	0,620577225
A_33_P3420020	NM_001130858	PIIP5K1	diphosphoinositol pentakisphosphate kinase 1	ENST00000335092	0,620576208
A_21_P0000255	NR_002561	SNORD30	small nucleolar RNA, C/D box 30		0,620405601
A_21_P0000386	NR_003070	SNORD89	small nucleolar RNA, C/D box 89		0,620117713
A_33_P3350202	NM_014484	MOCS3	molybdenum cofactor synthesis 3	ENST00000244051	0,619862342
A_23_P340308	NM_176888	TAS2R19	taste receptor, type 2, member 19	ENST00000390673	0,619780655
A_21_P0000074	NM_001168394	C5orf41	chromosome 5 open reading frame 41	ENST00000522692	0,619677405
A_33_P3356525	AK127393	FLJ45482	uncharacterized LOC645566		0,619513432
A_33_P3490794	NR_027132	LOC145820	uncharacterized LOC145820	ENST00000556053	0,619188693
A_23_P46725	NM_025209	EPC1	enhancer of polycomb homolog 1 (Drosophila)	ENST00000263062	0,619176762
A_33_P3255949	NM_001113755	TYMP	thymidine phosphorylase	ENST00000395678	0,618684837
A_21_P0013373	ENST00000446399	XLOC_I2_013302		ENST00000446399	0,618539163
A_23_P54517	NM_006293	TYRO3	TYRO3 protein tyrosine kinase	ENST00000540218	0,618377833
A_33_P3708413	NM_003480	MFAP5	microfibrillar associated protein 5	ENST00000540087	0,618348782
A_33_P3407990	AK096102	LOC100130193	uncharacterized LOC100130193		0,618243512
A_21_P0000288	NR_002748	SNORD45B	small nucleolar RNA, C/D box 45B	ENST00000461653	0,618201222
A_23_P40078	NM_003400	XPO1	exportin 1 (CRM1 homolog, yeast)	ENST00000406957	0,617909405
A_33_P3262276	NM_001005280	OR10A7	olfactory receptor, family 10, subfamily A, member 7	ENST00000326258	0,617870942
A_33_P3396459	ENST00000412877	POLR2H	polymerase (RNA) II (DNA directed) polypeptide H	ENST00000412877	0,617835903
A_33_P3631491	AF307449	CECR9	cat eye syndrome chromosome region, candidate 9 (non-pr	ENST00000453421	0,617770886
A_21_P0006243	TCONS_00016231	XLOC_007614			0,617661365
A_21_P0006410	ENST00000420865	XLOC_007911		ENST00000420865	0,617646882

A_21_P0004756	ENST00000453790	XLOC_005748		ENST00000453790	0,617528353
A_32_P69368	NM_002166	ID2	inhibitor of DNA binding 2, dominant negative helix-loop-hel	ENST00000396290	0,617470045
A_21_P0000039	NM_001164234	DDHD2	DDHD domain containing 2	ENST00000519857	0,616930588
A_24_P93206	NM_207379	TMEM179	transmembrane protein 179	ENST00000556573	0,616872054
A_32_P68148	NR_027130	ZNF738	zinc finger protein 738		0,616698122
A_24_P196704	NM_182931	MLL5	myeloid/lymphoid or mixed-lineage leukemia 5 (trithorax ho	ENST00000495267	0,616251559
A_23_P301925	ENST00000361624	COX1	cytochrome c oxidase subunit I	ENST00000361624	0,616231387
A_19_P00316919	NR_027058	LINC00338	long intergenic non-protein coding RNA 338	ENST00000434411	0,616070611
A_21_P0000569	NR_028474	LOC100303749	LSM3 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>) pseudogene		0,616047108
A_33_P3233125	NM_002779	PSD	pleckstrin and Sec7 domain containing	ENST00000020673	0,615967959
A_33_P3250343	NR_028326	LOC100133161	uncharacterized LOC100133161		0,615893318
A_33_P3218797	ENST00000370177	PPDPF	pancreatic progenitor cell differentiation and proliferation f	ENST00000370177	0,615787948
A_24_P37712	NM_003215	TEC	tec protein tyrosine kinase	ENST00000381501	0,615782052
A_33_P3383601	NM_198180	QRFP	pyroglutamylated RFamide peptide	ENST00000343079	0,615531499
A_33_P3288649	NM_018951	HOXA10	homeobox A10	ENST00000381834	0,615490646
A_33_P3278298	AK131362	NOM1	nucleolar protein with MIF4G domain 1		0,615348505
A_21_P0001488	TCONS_00001448	XLOC_000771			0,615280336
A_23_P205789	NM_002041	GABPB1	GA binding protein transcription factor, beta subunit 1	ENST00000429662	0,615228701
A_23_P379692	NM_174943	C14orf178	chromosome 14 open reading frame 178	ENST00000556047	0,615147632
A_21_P0009236	TCONS_00025349	XLOC_012169			0,615144529
A_21_P0010647	NM_001012419	ANKRD20A3	ankyrin repeat domain 20 family, member A3	ENST00000357336	0,614851334
A_19_P00809614	NR_002819	MALAT1			0,614676555
A_24_P147540	NM_001190467	FLJ22184	putative uncharacterized protein FLJ22184	ENST00000327607	0,614535122
A_21_P0008897	BC104446	LOC283867	uncharacterized LOC283867		0,614262465
A_33_P3479999	BC014228	LOC494150	prohibitin pseudogene		0,614226481
A_33_P3299170	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000490762	0,61417211
A_33_P3333224	NM_032575	GLIS2	GLIS family zinc finger 2	ENST00000262366	0,614139576
A_33_P3332970	NM_005127	CLEC2B	C-type lectin domain family 2, member B		0,614115457
A_32_P219148	BC030211	LOC497257	uncharacterized LOC497257		0,613859351

A_21_P0000500	NR_004399	SNORD86	small nucleolar RNA, C/D box 86	ENST00000484998	0,613577347
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,613470983
A_32_P151544	NM_000224	KRT18	keratin 18	ENST00000548496	0,61340772
A_33_P3668839	NR_036539	LOC644656	uncharacterized LOC644656		0,613371701
A_33_P3244998	NM_001007022	ODF2L	outer dense fiber of sperm tails 2-like	ENST00000502413	0,6133699
A_19_P00317447	ENST00000473756	XLOC_002736	0	ENST00000473756	0,61330605
A_33_P3329433	ENST00000392423	TTN	titin	ENST00000392423	0,613299127
A_33_P3542599	CV322587	SNORA2A	small nucleolar RNA, H/ACA box 2A		0,613254891
A_33_P3316318	ENST00000395431	CEP120	centrosomal protein 120kDa	ENST00000395431	0,61308627
A_21_P0000485	NR_003943	SNORD77	small nucleolar RNA, C/D box 77		0,613039954
A_24_P402836	NM_003441	ZNF141	zinc finger protein 141	ENST00000240499	0,612998098
A_21_P0008252	TCONS_00022267	XLOC_010588			0,612928624
A_33_P3381022	ENST00000362035	ICMT	isoprenylcysteine carboxyl methyltransferase	ENST00000362035	0,612608352
A_24_P320103	NM_004991	MECOM	MDS1 and EVI1 complex locus	ENST00000485957	0,61230887
A_21_P0004760	THC2677844	XLOC_005764			0,612278433
A_33_P3256532	NM_032120	C7orf64	chromosome 7 open reading frame 64	ENST00000450580	0,612245498
A_24_P332862	NM_001076678	ZNF493	zinc finger protein 493	ENST00000418100	0,612222741
A_23_P402751	ENST00000361739	COX2	cytochrome c oxidase subunit II	ENST00000361739	0,612030012
A_24_P301629	NM_003445	ZNF155	zinc finger protein 155	ENST00000425747	0,611724542
A_23_P414308	NM_144606	FLCN	folliculin	ENST00000389169	0,611600987
A_33_P3298942	ENST00000326831	ATP10B	ATPase, class V, type 10B	ENST00000326831	0,611564411
A_33_P3244728	NM_004525	LRP2	low density lipoprotein receptor-related protein 2	ENST00000263816	0,611243796
A_23_P102607	ENST00000373222	CHD6	chromodomain helicase DNA binding protein 6	ENST00000373222	0,611206416
A_19_P00318492	ENST00000429578	P39191		ENST00000429578	0,610991545
A_21_P0005449	TCONS_00013649	XLOC_006303			0,610908973
A_23_P93704	NM_001004323	C7orf61	chromosome 7 open reading frame 61	ENST00000496728	0,610802115
A_21_P0002967	ENST00000481004	XLOC_002688		ENST00000481004	0,610740207
A_23_P60101	NM_030895	ZNF696	zinc finger protein 696	ENST00000330143	0,610682563
A_33_P3275959	BC001407	SLC25A16	solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), mem		0,610673321

A_33_P3270228	ENST00000376497	CLCN6	chloride channel 6	ENST00000376497	0,610667375
A_21_P0000266	NR_002581	SNORA72	small nucleolar RNA, H/ACA box 72		0,61042622
A_23_P79145	NM_144694	ZNF570	zinc finger protein 570	ENST00000330173	0,610214222
A_23_P76749	NM_020692	GALNTL1	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000553471	0,609905447
A_19_P00329806	NR_003716	HOTAIR			0,609844835
A_33_P3420640	NM_001004711	OR4D9	olfactory receptor, family 4, subfamily D, member 9	ENST00000329328	0,609822888
A_21_P0001714	TCONS_00002259	XLOC_000618			0,609812178
A_23_P308058	NM_172367	TUSC5	tumor suppressor candidate 5	ENST00000333813	0,609540053
A_21_P0012609	TCONS_I2_0002075	XLOC_I2_010830			0,609461144
A_33_P3325306	ENST00000463841	HSPE1	heat shock 10kDa protein 1 (chaperonin 10)	ENST00000463841	0,609356709
A_21_P0000842	NR_038927	LOC100506660	uncharacterized LOC100506660		0,609326825
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,609290459
A_23_P259357	NM_001001479	SLC35E4	solute carrier family 35, member E4	ENST00000343605	0,609263008
A_33_P3238335	ENST00000370587	MCOLN3	mucolipin 3	ENST00000370587	0,609033463
A_33_P3424566	XR_108650	FLJ38717	FLJ38717 protein		0,609021566
A_23_P120170	NM_145702	TIGD1	tigger transposable element derived 1	ENST00000408957	0,609005246
A_24_P57898	NM_080606	BHLHE23	basic helix-loop-helix family, member e23	ENST00000370346	0,608998506
A_33_P3353345	NM_014351	SULT4A1	sulfotransferase family 4A, member 1	ENST00000330884	0,608969651
A_33_P3397150	NM_001190467	FLJ22184	putative uncharacterized protein FLJ22184	ENST00000327607	0,608859277
A_33_P3302662	ENST00000461758	TLE4	transducin-like enhancer of split 4 (E(sp1) homolog, Drosop	ENST00000461758	0,608857316
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,608831005
A_21_P0009166	ENST00000447729	XLOC_012176		ENST00000447729	0,608789322
A_23_P157416	NM_032164	ZNF394	zinc finger protein 394	ENST00000337673	0,608785301
A_24_P378402	NM_152457	ZNF597	zinc finger protein 597	ENST00000301744	0,608531852
A_23_P107963	NM_000148	FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransfera	ENST00000310160	0,608510053
A_33_P3481987	NM_213606	SLC16A12	solute carrier family 16, member 12 (monocarboxylic acid tr	ENST00000504447	0,608347911
A_33_P3355407	NR_004404	RNU105A	RNA, U105A small nucleolar	ENST00000437681	0,60818964
A_33_P3386506	NM_001144961	NFKBIL1	nuclear factor of kappa light polypeptide gene enhancer in I	ENST00000460131	0,608186578
A_21_P0005087	TCONS_00012361	XLOC_005921			0,608156153

A_33_P3337959	AK128227	LOC100130236	uncharacterized LOC100130236		0,608142355
A_23_P164341	NM_014232	VAMP2	vesicle-associated membrane protein 2 (synaptobrevin 2)	ENST00000316509	0,607966285
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,607905354
A_33_P3243878	NM_198181	GOLGA6L9	golgin A6 family-like 9	ENST00000306827	0,607812123
A_33_P3247540	NR_027420	LOC389834	ankyrin repeat domain 57 pseudogene		0,607783267
A_23_P13929	NM_031474	NRIP2	nuclear receptor interacting protein 2	ENST00000546074	0,607690478
A_33_P3301381	NM_198557	RBM43	RNA binding motif protein 43	ENST00000331426	0,607688222
A_23_P163402	NM_000499	CYP1A1	cytochrome P450, family 1, subfamily A, polypeptide 1	ENST00000379727	0,607681469
A_33_P3337719	NR_004846	LOC100134868	uncharacterized LOC100134868		0,60756578
A_21_P0000346	NR_002994	SNORA36B	small nucleolar RNA, H/ACA box 36B		0,607290214
A_23_P217968	NM_016028	SUV420H1	suppressor of variegation 4-20 homolog 1 (Drosophila)	ENST00000405515	0,607282564
A_24_P232790	NR_024630	C14orf162	chromosome 14 open reading frame 162		0,607271632
A_24_P195669	AK074680	MYO15B	myosin XVB pseudogene		0,606952686
A_23_P107963	NM_000148	FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase)	ENST00000310160	0,606931657
A_21_P0000498	NR_004397	SNORD1C	small nucleolar RNA, C/D box 1C	ENST00000448136	0,60691782
A_21_P0000898	NR_040073	LOC100131234	familial acute myelogenous leukemia related factor		0,606895233
A_33_P3300635	NM_006212	PFKFB2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	ENST00000367080	0,60684893
A_33_P3321324	XR_108343	FLJ37786	uncharacterized LOC642691		0,606751471
A_24_P161261	NM_001031618	SPDYE2	speedy homolog E2 (Xenopus laevis)	ENST00000432940	0,60672139
A_23_P11390	NM_004679	VCY	variable charge, Y-linked	ENST00000250823	0,606632163
A_19_P00802390	TCONS_00015178	XLOC_007231			0,606426097
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,606241359
A_21_P0006262	THC2746760	XLOC_007676			0,606189068
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,606163928
A_23_P90320	NM_013359	ZNF221	zinc finger protein 221	ENST00000251269	0,606133918
A_24_P935682	XR_110905	LOC100131541	uncharacterized LOC100131541		0,606034617
A_33_P3259662	NM_003435	ZNF134	zinc finger protein 134	ENST00000396161	0,605960527
A_24_P941787	NM_003913	PRPF4B	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	ENST00000480058	0,605937144
A_23_P74068	NM_002440	MSH4	mutS homolog 4 (E. coli)	ENST00000263187	0,605816453

A_33_P3403082	NR_027686	LINC00176	long intergenic non-protein coding RNA 176		0,60573207
A_21_P0000241	NR_002436	SNORA33	small nucleolar RNA, H/ACA box 33		0,605532108
A_21_P0012910	ENST00000463434	XLOC_I2_012081		ENST00000463434	0,605530142
A_19_P00315551	NR_026656	LOC400043	uncharacterized LOC400043		0,605306258
A_24_P282416	NM_007313	ABL1	c-abl oncogene 1, non-receptor tyrosine kinase	ENST00000393293	0,605161073
A_21_P0010725	THC2561048	XLOC_I2_000416			0,605068264
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,604896131
A_33_P3282384	ENST00000377277	C5orf25	chromosome 5 open reading frame 25	ENST00000377277	0,604874752
A_21_P0005594	TCONS_00014248	XLOC_006336			0,604680255
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,604564359
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	0,60451938
A_33_P3228988	ENST00000435033	ZNF799	zinc finger protein 799	ENST00000435033	0,604508644
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	0,604495853
A_21_P0002624	TCONS_00004986	XLOC_001823			0,604480706
A_21_P0000370	NR_003036	SNORD6	small nucleolar RNA, C/D box 6		0,604405866
A_23_P371254	NM_176884	TAS2R43	taste receptor, type 2, member 43	ENST00000531678	0,604335803
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,604226937
A_33_P3253804	NM_005195	CEBPD	CCAAT/enhancer binding protein (C/EBP), delta	ENST00000542385	0,604164016
A_23_P208288	NM_020657	ZNF304	zinc finger protein 304	ENST00000282286	0,604099565
A_33_P3415340	ENST00000410052	ALS2	amyotrophic lateral sclerosis 2 (juvenile)	ENST00000410052	0,603952589
A_23_P128641	NM_005800	USPL1	ubiquitin specific peptidase like 1	ENST00000255304	0,603900312
A_21_P0013593	TCONS_I2_0002884	XLOC_I2_014853			0,603896585
A_33_P3405946	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,603580698
A_33_P3271105	NM_001135654	PABPC4	poly(A) binding protein, cytoplasmic 4 (inducible form)	ENST00000531243	0,603292839
A_21_P0011501	ENST00000446912	XLOC_I2_005350		ENST00000446912	0,60321273
A_23_P350074	NM_001039876	C19orf46	chromosome 19 open reading frame 46	ENST00000465425	0,602946636
A_33_P3387455	NM_001029880	SFMBT2	Scm-like with four mbt domains 2	ENST00000379711	0,602785189
A_21_P0009788	TCONS_00027537	XLOC_013064			0,601999195
A_21_P0007151	ENST00000441638	XLOC_009339		ENST00000441638	0,601977134

A_33_P3357382	ENST00000437847	POGZ	pogo transposable element with ZNF domain	ENST00000437847	0,601906991
A_21_P0007169	TCONS_00019195	XLOC_009021			0,601870915
A_33_P3703637	AK095655	LOC285300	uncharacterized LOC285300		0,601714521
A_23_P11005	NM_014272	ADAMTS7	ADAM metalloproteinase with thrombospondin type 1 motif	ENST00000388820	0,601429353
A_23_P114057	NM_017789	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembrane	ENST00000467747	0,601387959
A_23_P366216	NM_003524	HIST1H2BH	histone cluster 1, H2bh	ENST00000356350	0,600841492
A_23_P103256	NM_021023	CFHR3	complement factor H-related 3	ENST00000367427	0,600623886
A_23_P355471	NM_201636	TBXA2R	thromboxane A2 receptor	ENST00000411851	0,600563478
A_21_P0002693	TCONS_00004629	XLOC_002543			0,600538971
A_24_P92558	NM_001039891	ZNF674	zinc finger protein 674	ENST00000414387	0,600505342
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,600283002
A_24_P340853	NM_032789	PARP10	poly (ADP-ribose) polymerase family, member 10	ENST00000527262	0,600169932
A_23_P163546	NM_005679	TAF1C	TATA box binding protein (TBP)-associated factor, RNA poly	ENST00000378541	0,599627778
A_21_P0000287	NR_002746	SNORD47	small nucleolar RNA, C/D box 47		0,599585935
A_33_P3249401	ENST00000391859	CD37	CD37 molecule	ENST00000391859	0,599552438
A_33_P3362326	ENST00000409177	FHL2	four and a half LIM domains 2	ENST00000409177	0,599344851
A_21_P0011311	THC2520829	XLOC_I2_004611			0,59932401
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,599016615
A_21_P0014947	ENST00000541151	LOC100507404		ENST00000541151	0,598861089
A_23_P16415	NM_002333	LRP3	low density lipoprotein receptor-related protein 3	ENST00000431491	0,598760903
A_23_P415558	NM_012256	ZNF212	zinc finger protein 212	ENST00000335870	0,598748124
A_33_P3269278	NM_153257	ZNF461	zinc finger protein 461	ENST00000396896	0,598718234
A_21_P0013123	ENST00000439891	XLOC_I2_012388		ENST00000439891	0,598628363
A_33_P3330125	NM_138929	DIABLO	diablo, IAP-binding mitochondrial protein	ENST00000413918	0,59850425
A_23_P120812	NM_020070	IGLL1	immunoglobulin lambda-like polypeptide 1	ENST00000330377	0,598494057
A_21_P0000161	NM_001204911	C16orf57	chromosome 16 open reading frame 57		0,598449174
A_33_P3247372	AK124064	LOC400927	TPTE and PTEN homologous inositol lipid phosphatase pseudogene		0,598319353
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,598187377
A_33_P3555368	AK129597	FLJ26086	uncharacterized LOC440129		0,598150077

A_33_P3260787	ENST00000342616	RUFY2	RUN and FYVE domain containing 2	ENST00000342616	0,598050398
A_24_P860703	NR_015366	LOC388796	uncharacterized LOC388796		0,598014862
A_21_P0014518	XR_110188	LOC100507624	uncharacterized LOC100507624		0,597959152
A_33_P3404671	NR_024567	LOC100130557	uncharacterized LOC100130557		0,597930596
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,597809691
A_23_P63219	NM_015100	POGZ	pogo transposable element with ZNF domain	ENST00000368863	0,597745343
A_33_P3398862	NM_004040	RHOB	ras homolog gene family, member B	ENST00000272233	0,597741601
A_23_P373927	NM_015051	ERP44	endoplasmic reticulum protein 44	ENST00000262455	0,597725716
A_21_P0007077	TCONS_00018816	XLOC_008613			0,597462759
A_32_P319858	NM_198478	NKPD1	NTPase, KAP family P-loop domain containing 1	ENST00000429338	0,597456543
A_21_P0010594	TCONS_I2_0000096	XLOC_I2_000727			0,597366229
A_33_P3317623	NR_002938	LOC284379	solute carrier family 7 (cationic amino acid transporter, y+ system), member 3 pse		0,597344411
A_24_P415280	NM_018144	SEC61A2	Sec61 alpha 2 subunit (<i>S. cerevisiae</i>)	ENST00000426560	0,597237906
A_21_P0012887	ENST00000343123	XLOC_I2_011911		ENST00000343123	0,597140292
A_23_P353742	NM_017749	AMBRA1	autophagy/beclin-1 regulator 1	ENST00000458649	0,596884936
A_24_P366777	ENST00000344859	NOTCH2NL	notch 2 N-terminal like	ENST00000344859	0,59684121
A_33_P3711318	AK001439	LOC257152	uncharacterized LOC257152		0,596795743
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,596226526
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599	0,596150841
A_24_P359405	NM_178502	DTX3	deltex homolog 3 (<i>Drosophila</i>)	ENST00000549583	0,596120544
A_21_P0010871	NR_026566	BMS1P1	BMS1 pseudogene 1	ENST00000445221	0,596117065
A_21_P0000314	NR_002958	SNORA17	small nucleolar RNA, H/ACA box 17	ENST00000447221	0,595821029
A_33_P3325120	ENST00000367203	SOX13	SRY (sex determining region Y)-box 13	ENST00000367203	0,595774078
A_19_P00316719	ENST00000451392	XLOC_I2_008434		ENST00000451392	0,595762165
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,595740978
A_23_P500734	NM_015100	POGZ	pogo transposable element with ZNF domain	ENST00000368863	0,595517672
A_23_P143143	NM_002166	ID2	inhibitor of DNA binding 2, dominant negative helix-loop-he	ENST00000331129	0,595498489
A_33_P3391791	NM_206809	MOG	myelin oligodendrocyte glycoprotein	ENST00000485211	0,595141757
A_33_P3379841	NR_026928	CG030	uncharacterized CG030		0,595050426

A_24_P921155	NM_015412	C3orf17	chromosome 3 open reading frame 17	ENST00000383675	0,594907723
A_21_P0011562	TCONS_I2_0001102	XLOC_I2_005933			0,594859107
A_23_P52885	NM_024631	C11orf61	chromosome 11 open reading frame 61	ENST00000526629	0,594732429
A_23_P105495	NM_023922	TAS2R14	taste receptor, type 2, member 14	ENST00000381852	0,594656948
A_23_P146885	NM_018949	UTS2R	urotensin 2 receptor	ENST00000313135	0,594648343
A_23_P303803	NM_152474	C19orf18	chromosome 19 open reading frame 18	ENST00000314391	0,594601431
A_21_P0008366	TCONS_00022580	XLOC_010893			0,594601281
A_23_P355439	NM_170745	HIST1H2AA	histone cluster 1, H2aa	ENST00000297012	0,594426238
A_19_P00317237	XR_132505	LOC100653004			0,59422814
A_33_P3336696	ENST00000361335	ND4L	NADH dehydrogenase, subunit 4L (complex I)	ENST00000361335	0,594142266
A_21_P0000300	NR_002918	SNORA48	small nucleolar RNA, H/ACA box 48		0,594122996
A_21_P0002876	ENST00000503572	XLOC_003245		ENST00000503572	0,594087767
A_23_P93258	NM_003537	HIST1H3B	histone cluster 1, H3b	ENST00000244661	0,593955781
A_24_P289383	NM_017780	CHD7	chromodomain helicase DNA binding protein 7	ENST00000423902	0,593768109
A_33_P3789693	XR_108934	MGC24103	uncharacterized MGC24103		0,59376036
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,593573668
A_21_P0014782	XR_132564	LOC100652913	uncharacterized LOC100652913		0,593480346
A_33_P3340718	NM_021140	KDM6A	lysine (K)-specific demethylase 6A	ENST00000334516	0,593389677
A_33_P3297517	NM_001243879	TRA2B	transformer 2 beta homolog (Drosophila)	ENST00000342294	0,593339616
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	0,593289708
A_24_P361167	NM_020920	CHD8	chromodomain helicase DNA binding protein 8	ENST00000557364	0,593106789
A_21_P0011020	AK126420	XLOC_I2_002790			0,593093965
A_33_P3317387	BC033823	DNAJC3	DnaJ (Hsp40) homolog, subfamily C, member 3		0,593078675
A_23_P114626	NM_000488	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member	ENST00000351522	0,592986239
A_33_P3306287	NM_024086	METTL16	methyltransferase like 16	ENST00000399834	0,592821285
A_21_P0005574	DA832634	XLOC_006224			0,592569404
A_33_P3331726	NR_027451	LOC647979	uncharacterized LOC647979		0,592563265
A_21_P0009688	TCONS_00026911	XLOC_012983			0,592545235
A_33_P3266923	NM_014916	LMTK2	lemur tyrosine kinase 2	ENST00000297293	0,592508056

A_23_P114057	NM_017789	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000467747	0,592504527
A_19_P00321789	ENST00000440246	XLOC_005464		ENST00000440246	0,592450027
A_24_P785293	NR_003098	SNHG1	small nucleolar RNA host gene 1 (non-protein coding)		0,592448763
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,592391641
A_33_P3211153	NM_133450	ANKS3	ankyrin repeat and sterile alpha motif domain containing 3	ENST00000304283	0,592316593
A_23_P163209	NM_020396	BCL2L10	BCL2-like 10 (apoptosis facilitator)	ENST00000260442	0,592120854
A_21_P0012392	TCONS_I2_0001885	XLOC_I2_009884			0,592039202
A_21_P0006524	ENST00000440430	XLOC_008110		ENST00000440430	0,591934727
A_21_P0010313	TCONS_00029224	XLOC_013949			0,591851183
A_21_P0000329	NR_002974	SNORA42	small nucleolar RNA, H/ACA box 42		0,591793039
A_33_P3270509	NM_003031	SIAH1	seven in absentia homolog 1 (<i>Drosophila</i>)	ENST00000356721	0,591786869
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,591761451
A_33_P3314559	NM_138453	RAB3C	RAB3C, member RAS oncogene family	ENST00000282878	0,591743844
A_33_P3368139	NM_005921	MAP3K1	mitogen-activated protein kinase kinase kinase 1	ENST00000469188	0,591730987
A_21_P0000092	NM_001174108	ZBED6	zinc finger, BED-type containing 6	ENST00000550078	0,591665745
A_33_P3235400	NM_004494	HDGF	hepatoma-derived growth factor	ENST00000406805	0,591551833
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,591526981
A_33_P3262555	NM_001174118	MEX3D	mex-3 homolog D (<i>C. elegans</i>)	ENST00000388824	0,591460786
A_23_P215132	NM_014149	WDR91	WD repeat domain 91	ENST00000466182	0,591405234
A_23_P107684	NM_014347	ZNF324	zinc finger protein 324	ENST00000196482	0,591303232
A_24_P677642	NR_038275	FLJ31813	FAM21B pseudogene	ENST00000456967	0,591290307
A_23_P376870	NM_174891	C14orf79	chromosome 14 open reading frame 79	ENST00000548641	0,591033764
A_19_P00319422	NM_001145206	KIAA1671		ENST00000507732	0,59094802
A_23_P122464	NM_006299	ZNF193	zinc finger protein 193	ENST00000252207	0,590877947
A_33_P3888365	NM_018364	RSBN1	round spermatid basic protein 1	ENST00000476412	0,590856137
A_23_P322	NM_182690	EFNA4	ephrin-A4	ENST00000359751	0,590751072
A_21_P0011939	ENST00000431244	XLOC_I2_008151		ENST00000431244	0,590650377
A_33_P3392330	ENST00000372875	COQ4	coenzyme Q4 homolog (<i>S. cerevisiae</i>)	ENST00000372875	0,590502698
A_21_P0000220	NR_000020	SNORD33	small nucleolar RNA, C/D box 33	ENST00000476268	0,590472299

A_33_P3210338	NM_022841	RFX7	regulatory factor X, 7	ENST00000423270	0,59022458
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,590171518
A_19_P00322900	NR_003491	MIAT			0,590141593
A_21_P0000240	NR_002435	SNORD100	small nucleolar RNA, C/D box 100		0,590129018
A_33_P3709173	NM_001127360	PHTF2	putative homeodomain transcription factor 2	ENST00000415251	0,590066577
A_21_P0005492	THC2525265	XLOC_006416			0,589822369
A_23_P55388	NM_018143	KLHL11	kelch-like 11 (Drosophila)	ENST00000540254	0,589699734
A_21_P0000041	NM_001164390	RAPGEF6	Rap guanine nucleotide exchange factor (GEF) 6	ENST00000510071	0,589678408
A_33_P3365408	NR_026947	MATL2963	uncharacterized LOC283314	ENST00000541775	0,589564432
A_23_P114057	NM_017789	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000467747	0,589436945
A_23_P63432	NM_017821	RHBDL2	rhomboid, veinlet-like 2 (Drosophila)	ENST00000372985	0,589379451
A_24_P152398	NM_001195195	TP53AIP1	tumor protein p53 regulated apoptosis inducing protein 1	ENST00000530777	0,589207689
A_23_P212497	NM_032169	ACAD11	acyl-CoA dehydrogenase family, member 11	ENST00000485198	0,589202499
A_23_P128940	NM_024558	METTL21D	methyltransferase like 21D	ENST00000484763	0,589071902
A_33_P3352632	AK096262	LOC728147	uncharacterized LOC728147		0,589062619
A_23_P60962	NM_139021	MAPK15	mitogen-activated protein kinase 15	ENST00000533830	0,589062175
A_33_P3246028	NM_001099434	DCDC2B	doublecortin domain containing 2B	ENST00000409358	0,589048822
A_32_P71788	NM_002014	FKBP4	FK506 binding protein 4, 59kDa	ENST00000543037	0,588723207
A_23_P416813	NM_133466	ZFP82	zinc finger protein 82 homolog (mouse)	ENST00000392161	0,588650816
A_33_P3278220	ENST00000373544	RABEPK	Rab9 effector protein with kelch motifs	ENST00000373544	0,588289728
A_33_P3410251	ENST00000281753	UNC80	unc-80 homolog (C. elegans)	ENST00000281753	0,588275098
A_23_P126836	NM_003326	TNFSF4	tumor necrosis factor (ligand) superfamily, member 4	ENST00000281834	0,588267735
A_33_P3365815	AK057458	LOC729866	hCG1994895		0,588116087
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,588020632
A_24_P223384	NM_003513	HIST1H2AB	histone cluster 1, H2ab	ENST00000259791	0,587886436
A_33_P3290085	NM_032164	ZNF394	zinc finger protein 394	ENST00000337673	0,587865231
A_21_P0000234	NR_001457	SNORD38B	small nucleolar RNA, C/D box 38B	ENST00000484599	0,587749169
A_32_P221958	NM_001077685	AGAP7	ArfGAP with GTPase domain, ankyrin repeat and PH domair	ENST00000413193	0,587736843
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,587634353

A_33_P3326447	XM_003119544	LOC100508384	uncharacterized LOC100508384		0,587609677
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599	0,587590357
A_33_P3220818	NM_001201338	SAFB	scaffold attachment factor B	ENST00000433404	0,587527747
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	ENST00000371614	0,587395592
A_23_P323166	NM_016333	SRRM2	serine/arginine repetitive matrix 2	ENST00000301740	0,587379345
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	0,586942137
A_21_P0013166	ENST00000510017	XLOC_I2_013242		ENST00000510017	0,586873914
A_33_P3257528	NM_015555	ZNF451	zinc finger protein 451	ENST00000477046	0,586822975
A_33_P3279640	NM_001194	HCN2	hyperpolarization activated cyclic nucleotide-gated potassium channel 2	ENST00000251287	0,586580337
A_32_P113508	NM_030803	ATG16L1	ATG16 autophagy related 16-like 1 (<i>S. cerevisiae</i>)	ENST00000474148	0,586514183
A_33_P3233050	AK124895	SAMM50	sorting and assembly machinery component 50 homolog (<i>S. cerevisiae</i>)		0,586378552
A_33_P3254695	NR_004404	RNU105A	RNA, U105A small nucleolar	ENST00000437681	0,586370186
A_33_P3375435	NM_133447	AGAP11	ankyrin repeat and GTPase domain Arf GTPase activating protein 11	ENST00000453174	0,586275333
A_24_P71439	NM_015317	PUM2	pumilio homolog 2 (<i>Drosophila</i>)	ENST00000403432	0,586234238
A_21_P0011133	NM_199254	TPTE2	transmembrane phosphoinositide 3-phosphatase and tensin homolog 2	ENST00000440905	0,586051174
A_21_P0005078	TCONS_00012818	XLOC_005900			0,586043134
A_33_P3290354	NM_032532	FNDC1	fibronectin type III domain containing 1	ENST00000340366	0,586006703
A_33_P3382856	NM_133507	DCN	decorin	ENST00000456569	0,585938105
A_23_P122464	NM_006299	ZNF193	zinc finger protein 193	ENST00000252207	0,585851271
A_21_P0011581	TCONS_I2_0001114	XLOC_I2_006026			0,585783087
A_33_P3415345	NM_001135745	ALS2	amyotrophic lateral sclerosis 2 (juvenile)	ENST00000496244	0,585686841
A_21_P0002200	TCONS_00003640	XLOC_001430			0,585646379
A_33_P3382944	NM_198537	YJEFN3	YjeF N-terminal domain containing 3	ENST00000397179	0,585466737
A_23_P74914	NM_014777	URB2	URB2 ribosome biogenesis 2 homolog (<i>S. cerevisiae</i>)	ENST00000258243	0,585421009
A_33_P3221203	NM_002427	MMP13	matrix metalloproteinase 13 (collagenase 3)	ENST00000260302	0,585219685
A_23_P109254	NM_184234	RBM39	RNA binding motif protein 39	ENST00000465158	0,585049167
A_21_P0006478	TCONS_00017125	XLOC_007918			0,584896209
A_21_P0004598	BX647715	XLOC_005299			0,584873846
A_33_P3310047	NM_020717	SHROOM4	shroom family member 4	ENST00000289292	0,584856366

A_24_P410516	NM_198181	GOLGA6L9	golgin A6 family-like 9	ENST00000306827	0,584832132
A_33_P3313411	NM_001172630	ARHGAP33	Rho GTPase activating protein 33	ENST00000007510	0,584818998
A_21_P0014222	XR_108911	LOC100505501	uncharacterized LOC100505501		0,584716886
A_21_P0008494	TCONS_00022884	XLOC_011138			0,584509287
A_23_P328206	NM_015221	DNMBP	dynamamin binding protein	ENST00000342239	0,584503227
A_21_P0007938	ENST00000435843	XLOC_010389		ENST00000435843	0,58447259
A_19_P00318280	XR_108813	LOC100506860			0,584425961
A_33_P3367939	NM_182973	TMPRSS9	transmembrane protease, serine 9	ENST00000332578	0,584385212
A_33_P3411315	NM_033185	KRTAP3-3	keratin associated protein 3-3	ENST00000391586	0,584342188
A_23_P314811	NM_152679	SLC10A4	solute carrier family 10 (sodium/bile acid cotransporter fam	ENST00000273861	0,58432098
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,584162663
A_23_P121120	NM_023915	GPR87	G protein-coupled receptor 87	ENST00000260843	0,584147645
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,584100816
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	0,584029585
A_21_P0003858	TCONS_00008929	XLOC_003772			0,584000628
A_33_P3342295	NM_199425	VSX1	visual system homeobox 1	ENST00000398332	0,583970025
A_21_P0011937	TCONS_l2_0001471	XLOC_l2_008140			0,583962017
A_23_P97250	NM_001037533	GON4L	gon-4-like (C. elegans)	ENST00000368331	0,583911476
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,583881148
A_21_P0000682	NR_037642	LOC100527964	uncharacterized LOC100527964	ENST00000415414	0,583834635
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	0,583769125
A_33_P3362249	XR_132538	LOC100288292	putative uncharacterized protein FLJ44672-like		0,583512918
A_23_P320242	NM_152748	KIAA1324L	KIAA1324-like	ENST00000394714	0,583471904
A_33_P3865368	BC021569	LOC254896	uncharacterized LOC254896	ENST00000397703	0,583344029
A_33_P3319542	NM_015063	SLC8A2	solute carrier family 8 (sodium/calcium exchanger), membe	ENST00000391903	0,583248007
A_24_P290927	NM_014847	UBAP2L	ubiquitin associated protein 2-like	ENST00000441890	0,582934236
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domair	ENST00000304032	0,582779215
A_23_P146198	NM_000780	CYP7A1	cytochrome P450, family 7, subfamily A, polypeptide 1	ENST00000301645	0,582686082
A_23_P2922	NM_016586	MBIP	MAP3K12 binding inhibitory protein 1	ENST00000318473	0,582631397

A_19_P00805006	NR_002819	MALAT1			0,582596111
A_24_P22079	NM_002015	FOXO1	forkhead box O1	ENST00000379561	0,582581499
A_33_P3293432	NM_199340	LRRC37A3	leucine rich repeat containing 37, member A3	ENST00000319651	0,582560849
A_21_P0005118	THC2679903	XLOC_005361			0,582550644
A_21_P0014070	ENST00000444037	LOC100506855		ENST00000444037	0,582511771
A_33_P3223990	NM_152263	TPM3	tropomyosin 3		0,582498041
A_21_P0000669	NM_024580	EFTUD1	elongation factor Tu GTP binding domain containing 1	ENST00000268206	0,582448554
A_23_P357985	NM_001037866	RGPD6	RANBP2-like and GRIP domain containing 6	ENST00000272454	0,582416451
A_21_P0003290	TCONS_00007198	XLOC_003181			0,582354698
A_24_P338992	NM_025083	EDC3	enhancer of mRNA decapping 3 homolog (<i>S. cerevisiae</i>)	ENST00000426797	0,582284102
A_33_P3394234	NM_003434	ZNF133	zinc finger protein 133	ENST00000402618	0,582211417
A_33_P3313929	NM_031409	CCR6	chemokine (C-C motif) receptor 6	ENST00000349984	0,582101463
A_33_P3385870	NM_004354	CCNG2	cyclin G2	ENST00000316355	0,582035327
A_33_P3329419	NM_004408	DNM1	dynamamin 1	ENST00000475805	0,58163523
A_21_P0009721	TCONS_00027012	XLOC_013057			0,581582077
A_24_P281801	NM_001137608	ZNF732	zinc finger protein 732	ENST00000419098	0,581395618
A_23_P13033	NM_002896	RBM4	RNA binding motif protein 4	ENST00000408993	0,581180264
A_23_P11968	NM_033553	GUCA2A	guanylate cyclase activator 2A (guanylin)	ENST00000357001	0,581151982
A_21_P0000217	NR_000017	SNORD36B	small nucleolar RNA, C/D box 36B	ENST00000485706	0,581032379
A_21_P0004834	TCONS_00011688	XLOC_005164			0,581018935
A_33_P3274069	NM_012265	RHBDD3	rhomboid domain containing 3	ENST00000216085	0,580931133
A_33_P3380772	NM_080625	C20orf160	chromosome 20 open reading frame 160	ENST00000339619	0,580925406
A_21_P0010239	ENST00000422473	XLOC_013931		ENST00000422473	0,580742392
A_21_P0000083	NM_004366	CLCN2	chloride channel 2	ENST00000430397	0,580358411
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	0,580351977
A_33_P3227944	NR_026906	C17orf69	chromosome 17 open reading frame 69		0,580341407
A_21_P0011611	NM_173628	DNAH17	dynein, axonemal, heavy chain 17	ENST00000389840	0,580336247
A_23_P107963	NM_000148	FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase)	ENST00000310160	0,580221886
A_23_P122464	NM_006299	ZNF193	zinc finger protein 193	ENST00000252207	0,580217385

A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	0,580184101
A_21_P0000379	NR_003056	SNORD67	small nucleolar RNA, C/D box 67		0,580065476
A_24_P366122	NM_024722	ACBD4	acyl-CoA binding domain containing 4	ENST00000376955	0,580045508
A_21_P0000025	NM_001160109	NOS3	nitric oxide synthase 3 (endothelial cell)	ENST00000460603	0,579840468
A_23_P122464	NM_006299	ZNF193	zinc finger protein 193	ENST00000252207	0,579822642
A_23_P27133	NM_002275	KRT15	keratin 15	ENST00000474031	0,579652583
A_33_P3441583	BM453041	SRGAP2P1	SLIT-ROBO Rho GTPase activating protein 2 pseudogene 1		0,579593188
A_21_P0002468	TCONS_00004321	XLOC_002186			0,579568536
A_23_P5912	NM_017798	YTHDF1	YTH domain family, member 1	ENST00000370339	0,579482046
A_23_P111054	NM_021062	HIST1H2BB	histone cluster 1, H2bb	ENST00000357905	0,579286437
A_21_P0006767	ENST00000451946	XLOC_008838		ENST00000451946	0,579206125
A_21_P0002461	TCONS_00004313	XLOC_002168			0,579123317
A_19_P00803334	TCONS_00019576	XLOC_009375			0,579089579
A_23_P301340	NM_144679	C17orf56	chromosome 17 open reading frame 56	ENST00000374769	0,579071225
A_21_P0011454	XM_001716361	LOC388210	apolipoporphorins-like		0,579060241
A_19_P00325336	XR_109771	LOC100506774	uncharacterized LOC100506774		0,578962533
A_24_P332857	NM_173571	CT47A11	cancer/testis antigen family 47, member A11	ENST00000371280	0,578757165
A_23_P114057	NM_017789	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000467747	0,578742672
A_23_P67424	NM_153257	ZNF461	zinc finger protein 461	ENST00000396892	0,578671417
A_33_P3246293	NM_001145207	HBS1L	HBS1-like (<i>S. cerevisiae</i>)	ENST00000367822	0,57863742
A_33_P3312504	NM_012455	PSD4	pleckstrin and Sec7 domain containing 4	ENST00000409656	0,578595272
A_33_P3261927	NM_213603	ZNF789	zinc finger protein 789	ENST00000331410	0,578581373
A_23_P118392	NM_016084	RASD1	RAS, dexamethasone-induced 1	ENST00000225688	0,578515675
A_24_P370096	NM_006300	ZNF230	zinc finger protein 230	ENST00000429154	0,578475463
A_32_P4595	NM_000337	SGCD	sarcoglycan, delta (35kDa dystrophin-associated glycoprote	ENST00000435422	0,578455206
A_21_P0003114	XR_110050	LOC100506301	uncharacterized LOC100506301	ENST00000416124	0,578364589
A_33_P3342992	NR_004847	UBE2Q2P2	ubiquitin-conjugating enzyme E2Q family member 2 pseudogene 2		0,578222527
A_21_P0011384	NR_003661	UBE2Q2P1	ubiquitin-conjugating enzyme E2Q family member 2 pseudoc	ENST00000339094	0,57819009
A_33_P3299599	NM_001166175	NKX2-5	NK2 homeobox 5	ENST00000329198	0,5781845

A_23_P167997	NM_003518	HIST1H2BG	histone cluster 1, H2bg	ENST00000244601	0,578137357
A_33_P3250740	NM_001017930	DCAF8L1	DDB1 and CUL4 associated factor 8-like 1	ENST00000441525	0,577991627
A_23_P59677	NM_021930	RINT1	RAD50 interactor 1	ENST00000497979	0,577926647
A_21_P0002374	TCONS_00004060	XLOC_001908			0,577924326
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	0,577818568
A_33_P3274194	NM_001035003	KCNIP4	Kv channel interacting protein 4	ENST00000382148	0,577746505
A_33_P3253747	NM_000761	CYP1A2	cytochrome P450, family 1, subfamily A, polypeptide 2	ENST00000343932	0,577705711
A_23_P22647	NM_015686	FAM155B	family with sequence similarity 155, member B	ENST00000252338	0,577583808
A_33_P3303176	NM_001164377	MRGPRG	MAS-related GPR, member G	ENST00000332314	0,577218757
A_24_P119201	NM_015832	MBD2	methyl-CpG binding domain protein 2	ENST00000398398	0,577204683
A_32_P360193	NM_144666	DNHD1	dynein heavy chain domain 1	ENST00000532027	0,577029324
A_23_P6836	NM_016291	IP6K2	inositol hexakisphosphate kinase 2	ENST00000491686	0,576775716
A_24_P384569	NM_001163287	EWSR1	Ewing sarcoma breakpoint region 1	ENST00000483415	0,576733095
A_23_P67952	NR_026766	MYCNOS	MYCN opposite strand/antisense RNA (non-protein coding)		0,576668173
A_33_P3387756	NM_001007125	C20orf201	chromosome 20 open reading frame 201	ENST00000308906	0,576527971
A_33_P3651948	NM_002499	NEO1	neogenin 1	ENST00000261908	0,576186217
A_24_P182122	ENST00000361390	ND1	NADH dehydrogenase, subunit 1 (complex I)	ENST00000361390	0,576160721
A_23_P206792	NM_033410	ZNF764	zinc finger protein 764	ENST00000395091	0,575984643
A_24_P586390	NR_028327	LOC100133331	uncharacterized LOC100133331	ENST00000440038	0,575868806
A_24_P117942	NM_207377	TOMM20L	translocase of outer mitochondrial membrane 20 homolog	ENST00000557754	0,575808901
A_24_P267664	NR_026543	C21orf88	chromosome 21 open reading frame 88	ENST00000380604	0,575766575
A_21_P0006799	ENST00000446713	XLOC_008981		ENST00000446713	0,575762073
A_33_P3415744	NM_025190	ANKRD36B	ankyrin repeat domain 36B	ENST00000357042	0,575645771
A_23_P94879	NM_000506	F2	coagulation factor II (thrombin)	ENST00000311907	0,575547502
A_21_P0010686	ENST00000412115	XLOC_l2_000010		ENST00000412115	0,575485639
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	0,575474741
A_33_P3295423	NM_001040653	ZXDC	ZXD family zinc finger C		0,575460062
A_23_P76823	NM_199165	ADSSL1	adenylosuccinate synthase like 1	ENST00000557582	0,575297545
A_23_P110606	NM_014757	MAML1	mastermind-like 1 (Drosophila)	ENST00000292599	0,57525181

A_21_P0005262	ENST00000420268	XLOC_006260		ENST00000420268	0,574962136
A_21_P0000460	NR_003685	SNORD121A	small nucleolar RNA, C/D box 121A		0,574943077
A_33_P3285868	NM_134268	CYGB	cytoglobin	ENST00000293230	0,574918891
A_23_P122464	NM_006299	ZNF193	zinc finger protein 193	ENST00000252207	0,574831054
A_24_P583040	ENST00000397861	C17orf67	chromosome 17 open reading frame 67	ENST00000397861	0,574695663
A_23_P116890	NM_006249	PRB3	proline-rich protein BstNI subfamily 3	ENST00000538488	0,574607478
A_21_P0003286	TCONS_00007181	XLOC_003149			0,574493071
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	0,574321174
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,574260711
A_23_P39050	NM_001080493	ZNF823	zinc finger protein 823	ENST00000341191	0,574234822
A_21_P0004469	TCONS_00010555	XLOC_005082			0,574066872
A_21_P0012461	AK096589	RPL32P3	ribosomal protein L32 pseudogene 3		0,573957193
A_21_P0009615	TCONS_00026648	XLOC_012725			0,573883995
A_33_P3385567	ENST00000472842	ARNTL	aryl hydrocarbon receptor nuclear translocator-like	ENST00000472842	0,573793381
A_23_P500998	NM_152739	HOXA9	homeobox A9	ENST00000242050	0,573792038
A_33_P3403937	AK124011	LOC100129399	uncharacterized LOC100129399		0,573758992
A_33_P3299796	ENST00000536349	MAN1B1	mannosidase, alpha, class 1B, member 1	ENST00000536349	0,573736537
A_33_P3349774	NM_144703	LSM14B	LSM14B, SCD6 homolog B (S. cerevisiae)	ENST00000370906	0,573707213
A_24_P384397	NM_133452	RAVER1	ribonucleoprotein, PTB-binding 1	ENST00000331131	0,573676036
A_33_P3523501	XR_109585	LOC374890	uncharacterized LOC374890		0,573634626
A_33_P3276376	ENST00000367915	HSD17B7	hydroxysteroid (17-beta) dehydrogenase 7	ENST00000367915	0,573589969
A_21_P0014338	XR_109341	LOC100506183	uncharacterized LOC100506183		0,573549204
A_23_P111604	NM_152745	NXPH1	neurexophilin 1	ENST00000405863	0,573466497
A_21_P0004703	ENST00000446476	XLOC_005530		ENST00000446476	0,573371277
A_21_P0007235	TCONS_00019383	XLOC_009207			0,573331017
A_21_P0006611	BC037918	XLOC_008349			0,573169812
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	0,573152807
A_33_P3290945	NM_017952	PTCD3	Pentatricopeptide repeat domain 3	ENST00000465560	0,573017871
A_24_P152468	XM_001718823	LOC100134663	uncharacterized LOC100134663		0,572771283

A_33_P3265429	NR_038450	LOC100130849	phosphorylase kinase, gamma 1 (muscle) pseudogene	ENST00000448242	0,572598902
A_33_P3335984	BC132927	FLJ39653	uncharacterized FLJ39653		0,572536831
A_23_P429535	NM_012086	GTF3C3	general transcription factor IIIC, polypeptide 3, 102kDa	ENST00000263956	0,57243835
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	0,572405437
A_33_P3359518	NM_001085487	MYSM1	Myb-like, SWIRM and MPN domains 1	ENST00000401044	0,572236781
A_21_P0005271	AI198554	XLOC_006314			0,572174792
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,57204844
A_23_P402287	NM_153371	LN2	ligand of numb-protein X 2	ENST00000316334	0,571814593
A_24_P926400	NM_001001561	GGA1	golgi-associated, gamma adaptin ear containing, ARF binding	ENST00000414350	0,571726718
A_23_P252748	NM_007152	ZNF195	zinc finger protein 195	ENST00000526601	0,571675771
A_23_P149419	NM_022078	GPATCH3	G patch domain containing 3	ENST00000536641	0,57156025
A_23_P28042	NM_001159293	ZNF737	zinc finger protein 737	ENST00000427401	0,571529761
A_21_P0013085	TCONS_I2_0002480	XLOC_I2_013031			0,5715093
A_33_P3379486	AK127427	LOC100130581	uncharacterized LOC100130581		0,571439228
A_33_P3721983	XR_110526	MGC13053	uncharacterized MGC13053	ENST00000532619	0,571435407
A_21_P0000108	NM_001190702	MTRNR2L8	MT-RNR2-like 8	ENST00000536684	0,571424127
A_23_P110606	NM_014757	MAML1	mastermind-like 1 (Drosophila)	ENST00000292599	0,571345677
A_33_P3364038	NM_001145805	IRGM	immunity-related GTPase family, M	ENST00000522154	0,571271967
A_33_P3322050	NM_130438	DYRK1A	dual-specificity tyrosine-(Y)-phosphorylation regulated kina:	ENST00000321219	0,571006331
A_21_P0009389	TCONS_00025894	XLOC_012171			0,570878045
A_23_P17275	NM_016544	DNAJC27	DnaJ (Hsp40) homolog, subfamily C, member 27	ENST00000380809	0,570848982
A_21_P0013535	AL390183	FAM66D	family with sequence similarity 66, member D		0,570802637
A_21_P0009591	TCONS_00026578	XLOC_012895			0,570788077
A_23_P109072	NM_020436	SALL4	sal-like 4 (Drosophila)	ENST00000371539	0,570751776
A_21_P0002178	TCONS_00003588	XLOC_001372			0,570749799
A_33_P3234197	NM_025188	TRIM45	tripartite motif containing 45	ENST00000256649	0,570702003
A_21_P0000226	NR_001276	SNORD56B	small nucleolar RNA, C/D box 56B		0,570653327
A_21_P0003636	TCONS_00008197	XLOC_003649			0,570611485
A_33_P3238997	NM_001135187	AGFG1	ArfGAP with FG repeats 1		0,570312125

A_33_P3406998	NM_130438	DYRK1A	dual-specificity tyrosine-(Y)-phosphorylation regulated kina	ENST00000462274	0,570261233
A_21_P0001255	TCONS_00000807	XLOC_000022			0,570204587
A_33_P3411388	NM_001080461	UNCX	UNC homeobox	ENST00000316333	0,569563589
A_33_P3328659	NM_014246	CELSR1	cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo l	ENST00000262738	0,569431166
A_21_P0011602	NM_032582	USP32	ubiquitin specific peptidase 32	ENST00000300896	0,569378877
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,569363508
A_24_P135427	NR_036508	LOC100128398	uncharacterized LOC100128398	ENST00000313957	0,569362389
A_23_P126844	NM_148965	TNFRSF25	tumor necrosis factor receptor superfamily, member 25	ENST00000513135	0,569284877
A_23_P168276	NM_004865	TBPL1	TBP-like 1	ENST00000237264	0,569052749
A_23_P144369	NM_153757	NAP1L5	nucleosome assembly protein 1-like 5	ENST00000539293	0,568762638
A_23_P352684	NM_003861	DCAF5	DDB1 and CUL4 associated factor 5	ENST00000341516	0,568695476
A_33_P3228872	NM_014472	C10orf28	chromosome 10 open reading frame 28	ENST00000314594	0,568531103
A_33_P3210583	NM_014911	AAK1	AP2 associated kinase 1	ENST00000409085	0,568517199
A_23_P6561	NM_018029	EBLN2	endogenous Bornavirus-like nucleoprotein 2	ENST00000533473	0,568381449
A_21_P0011768	ENST00000360204	XLOC_I2_006648		ENST00000360204	0,568316992
A_24_P128145	NM_001880	ATF2	activating transcription factor 2	ENST00000435231	0,568300046
A_21_P0011580	TCONS_I2_0001114	XLOC_I2_006025			0,568294669
A_21_P0003137	NM_001190470	MTRNR2L2	MT-RNR2-like 2	ENST00000536684	0,568255174
A_21_P0003050	TCONS_00006285	XLOC_002890			0,568196661
A_21_P0012381	TCONS_I2_0001869	XLOC_I2_009790			0,568164271
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,568077792
A_23_P80062	NM_003185	TAF4	TAF4 RNA polymerase II, TATA box binding protein (TBP)-as	ENST00000252996	0,568033465
A_33_P3287685	NM_014516	CNOT3	CCR4-NOT transcription complex, subunit 3	ENST00000482247	0,568004817
A_23_P114057	NM_017789	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000467747	0,567892782
A_23_P47077	NM_004281	BAG3	BCL2-associated athanogene 3	ENST00000369085	0,567884072
A_21_P0013676	NM_001244752	ANKRD18B	ankyrin repeat domain 18B	ENST00000354752	0,567872548
A_21_P0005219	ENST00000442800	XLOC_006035		ENST00000442800	0,567857108
A_21_P0011372	NR_040058	LOC100505648	uncharacterized LOC100505648		0,567820042
A_21_P0001708	TCONS_00002202	XLOC_000495			0,567532689

A_21_P0000707	NM_152644	FAM24B	family with sequence similarity 24, member B	ENST00000368896	0,567505793
A_33_P3263284	NR_024563	LOC100130238	uncharacterized LOC100130238		0,567366084
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,567190032
A_23_P406928	ENST00000361567	ND5	NADH dehydrogenase, subunit 5 (complex I)	ENST00000361567	0,567112793
A_33_P3306654	NR_024480	LOC100131551	uncharacterized LOC100131551	ENST00000414120	0,567095795
A_33_P3217804	ENST00000493088	CAMSAP1	calmodulin regulated spectrin-associated protein 1	ENST00000493088	0,567028218
A_24_P146211	NM_021063	HIST1H2BD	histone cluster 1, H2bd	ENST00000377777	0,567017197
A_33_P3262083	NR_015384	LOC100126784	uncharacterized LOC100126784		0,566836204
A_23_P215435	ENST00000395270	POM121	POM121 membrane glycoprotein	ENST00000395270	0,566753269
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	0,566734163
A_21_P0010702	ENST00000454285	XLOC_I2_000192		ENST00000454285	0,566690147
A_23_P44760	NM_014159	SETD2	SET domain containing 2	ENST00000409792	0,566663697
A_23_P305033	NM_152787	TAB3	TGF-beta activated kinase 1/MAP3K7 binding protein 3	ENST00000288422	0,566649147
A_33_P3299140	ENST00000372089	GTF3C5	general transcription factor IIIC, polypeptide 5, 63kDa	ENST00000372089	0,566574724
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,566400309
A_23_P337875	NM_001040202	PAQR3	progesterone and adipoQ receptor family member III	ENST00000508599	0,56606764
A_33_P3300941	AF156973	NPCDR1	nasopharyngeal carcinoma, down-regulated 1		0,566031408
A_21_P0005573	TCONS_00014191	XLOC_006200			0,566029236
A_23_P13359	NM_006362	NXF1	nuclear RNA export factor 1	ENST00000533048	0,56595595
A_33_P3271445	NM_001130105	COL4A3BP	collagen, type IV, alpha 3 (Goodpasture antigen) binding protein	ENST00000357457	0,565816122
A_23_P26294	NM_012467	TPSG1	tryptase gamma 1	ENST00000234798	0,565785348
A_33_P3318646	NM_015722	CALY	calcyon neuron-specific vesicular protein	ENST00000467611	0,565775858
A_23_P431853	ENST00000361453	ND2	MTND2	ENST00000361453	0,565724865
A_23_P331770	NM_018561	USP49	ubiquitin specific peptidase 49	ENST00000297229	0,565710907
A_23_P218463	NM_013376	SERTAD1	SERTA domain containing 1	ENST00000357949	0,565586576
A_21_P0011363	BC070492	XLOC_I2_004866			0,56536192
A_33_P3743508	NR_033838	LOC158435	uncharacterized LOC158435	ENST00000432783	0,565360404
A_33_P3518572	NR_040245	LOC100287314	uncharacterized LOC100287314	ENST00000547804	0,565291301
A_23_P319565	NM_170753	PGBD3	piggyBac transposable element derived 3	ENST00000508005	0,565186838

A_23_P74344	NM_053053	TADA1	transcriptional adaptor 1	ENST00000467021	0,56503229
A_19_P00318261	NR_003016	SNORA26			0,564882712
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,564826889
A_33_P3732466	AL359570	DKFZp547G183	uncharacterized LOC55525		0,564577543
A_33_P3336198	NM_182563	C16orf79	chromosome 16 open reading frame 79	ENST00000328540	0,564553322
A_23_P136347	NM_004447	EPS8	epidermal growth factor receptor pathway substrate 8	ENST00000543612	0,564547993
A_33_P3355408	NR_038406	LOC100128126	uncharacterized LOC100128126	ENST00000517604	0,564530569
A_24_P382287	NM_004361	CDH7	cadherin 7, type 2	ENST00000397968	0,564529479
A_33_P3327290	NM_001029955	DCAF4L1	DDB1 and CUL4 associated factor 4-like 1	ENST00000333141	0,564403041
A_33_P3424267	NM_001083601	NAA60	N(alpha)-acetyltransferase 60, NatF catalytic subunit	ENST00000360862	0,56434612
A_24_P218074	NM_207336	ZNF467	zinc finger protein 467	ENST00000302017	0,564236428
A_33_P3413808	NM_001124756	PABPC1L	poly(A) binding protein, cytoplasmic 1-like	ENST00000217074	0,564109882
A_21_P0002025	ENST00000420130	XLOC_002001		ENST00000420130	0,564042707
A_21_P0000668	NR_036636	ADAM1	ADAM metallopeptidase domain 1, pseudogene		0,563884382
A_23_P156807	NM_001202519	CFLAR	CASP8 and FADD-like apoptosis regulator	ENST00000412930	0,563853069
A_32_P207428	NM_138374	ZNF845	zinc finger protein 845	ENST00000427984	0,563820734
A_19_P00316415	AK090966	Q8LKN9			0,563790382
A_23_P137896	NM_022120	OXCT2	3-oxoacid CoA transferase 2	ENST00000542949	0,563552027
A_33_P3402474	NM_001031722	ATAT1	alpha tubulin acetyltransferase 1	ENST00000376478	0,563423129
A_32_P36143	XR_112950	LOC729088	uncharacterized LOC729088		0,563395786
A_23_P111132	NM_005345	HSPA1A	heat shock 70kDa protein 1A	ENST00000375651	0,563385041
A_21_P0004418	TCONS_00010392	XLOC_004908			0,563187753
A_23_P114057	NM_017789	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembrane	ENST00000467747	0,56300232
A_23_P333129	NM_001177376	DUX4L4	double homeobox 4 like 4	ENST00000538692	0,562948597
A_33_P3284019	NM_001012426	FOXP4	forkhead box P4	ENST00000373057	0,562946983
A_23_P372144	NM_021231	C19orf29	chromosome 19 open reading frame 29	ENST00000221899	0,562813727
A_33_P3414107	XR_108595	LOC729040	uncharacterized LOC729040	ENST00000440769	0,562727732
A_33_P3334419	NM_031464	RPS6KL1	ribosomal protein S6 kinase-like 1	ENST00000556776	0,562690417
A_24_P706314	NM_194247	HNRNPA3	heterogeneous nuclear ribonucleoprotein A3		0,562592555

A_33_P3335030	NM_001164315	ANKRD36	ankyrin repeat domain 36	ENST00000295246	0,562589518
A_24_P65060	NM_032246	MEX3B	mex-3 homolog B (C. elegans)	ENST00000329713	0,562493176
A_21_P0010577	TCONS_I2_0000084	XLOC_I2_000641			0,562446457
A_21_P0000918	BC062745	XLOC_000393			0,562381935
A_21_P0002495	TCONS_00004415	XLOC_002287			0,562268898
A_21_P0012222	BC036580	C21orf81	ankyrin repeat domain 20 family, member A3 pseudogene		0,562255206
A_33_P3264444	ENST00000482292	PFDN6	prefoldin subunit 6	ENST00000482292	0,562193394
A_33_P3238651	NM_001039783	TXNRD3NB	thioredoxin reductase 3 neighbor	ENST00000404489	0,562079922
A_33_P3209581	NM_001170738	IQSEC3	IQ motif and Sec7 domain 3	ENST00000326261	0,561977969
A_23_P145501	NM_004830	MED23	mediator complex subunit 23	ENST00000545957	0,561855329
A_33_P3245922	NM_006724	MAP3K4	mitogen-activated protein kinase kinase kinase 4	ENST00000544209	0,561787745
A_23_P375524	NM_178352	LCE1D	late cornified envelope 1D	ENST00000326233	0,561755113
A_21_P0008647	NR_026979	LOC145837	uncharacterized LOC145837		0,561567311
A_23_P24796	NM_032127	FAM160A2	family with sequence similarity 160, member A2	ENST00000265978	0,561561378
A_21_P0009797	TCONS_00027642	XLOC_013181			0,56142756
A_23_P345707	NM_152259	C15orf42	chromosome 15 open reading frame 42	ENST00000268138	0,561301675
A_21_P0000215	NR_000015	SNORD55	small nucleolar RNA, C/D box 55	ENST00000485390	0,561220051
A_21_P0014604	XR_110494	LOC100506528	uncharacterized LOC100506528		0,561097854
A_23_P255805	NM_003416	ZNF7	zinc finger protein 7	ENST00000528017	0,560948524
A_33_P3382147	ENST00000487412	STARD13	StAR-related lipid transfer (START) domain containing 13	ENST00000487412	0,560656939
A_23_P132515	NM_017699	SIDT1	SID1 transmembrane family, member 1	ENST00000393830	0,560611774
A_21_P0004341	ENST00000521585	HMP19	HMP19 protein	ENST00000521585	0,560416783
A_23_P75790	NM_013279	C11orf9	chromosome 11 open reading frame 9	ENST00000265460	0,560295751
A_33_P3335845	NM_001006622	WDR33	WD repeat domain 33	ENST00000409658	0,56022438
A_21_P0006032	TCONS_00015719	XLOC_007466			0,560049821
A_23_P346421	NM_018181	ZNF532	zinc finger protein 532	ENST00000336078	0,560034291
A_21_P0012183	NR_040113	ANKRD20A5P	ankyrin repeat domain 20 family, member A5, pseudogene	ENST00000432875	0,560005351
A_24_P72646	NR_027715	FLJ14107	uncharacterized LOC80094		0,559873805
A_33_P3221718	AK127907	LOC100129373	uncharacterized LOC100129373		0,559677153

A_21_P0000109	ENST00000544932	MTRNR2L9		ENST00000544932	0,559580451
A_33_P3214586	NM_057090	ARTN	artemin	ENST00000372354	0,559522888
A_23_P103276	NM_138417	KTI12	KTI12 homolog, chromatin associated (S. cerevisiae)	ENST00000371614	0,55949034
A_21_P0005255	ENST00000446053	XLOC_006220		ENST00000446053	0,559403371
A_23_P107963	NM_000148	FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase)	ENST00000310160	0,559293247
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,559282342
A_32_P46840	AK090664	LOC729680	uncharacterized LOC729680		0,559015426
A_23_P54100	NM_001437	ESR2	estrogen receptor 2 (ER beta)	ENST00000357782	0,55899079
A_23_P52531	NM_152644	FAM24B	family with sequence similarity 24, member B	ENST00000368896	0,558880088
A_21_P0000336	NR_002982	SNORA54	small nucleolar RNA, H/ACA box 54		0,558779129
A_33_P3474175	BU601128	SFTA1P	surfactant associated 1, pseudogene		0,558696929
A_21_P0009216	TCONS_00025294	XLOC_012099			0,558596828
A_33_P3283669	NM_152296	ATP1A3	ATPase, Na ⁺ /K ⁺ transporting, alpha 3 polypeptide	ENST00000545399	0,558535457
A_21_P0009928	DA407032	XLOC_013437			0,558407492
A_21_P0001174	ENST00000445662	XLOC_000995		ENST00000445662	0,558332188
A_21_P0011606	THC2511873	XLOC_I2_006166			0,558269776
A_33_P3346866	NM_017822	KANSL2	KAT8 regulatory NSL complex subunit 2	ENST00000420613	0,558256132
A_21_P0002976	TCONS_00006093	XLOC_002702			0,558216115
A_23_P122464	NM_006299	ZNF193	zinc finger protein 193	ENST00000252207	0,558128277
A_33_P3280066	NM_012232	PTRF	polymerase I and transcript release factor	ENST00000357684	0,558029975
A_23_P107247	NM_018896	CACNA1G	calcium channel, voltage-dependent, T type, alpha 1G subunit	ENST00000360761	0,557888884
A_33_P3326904	AK125166	LOC441268	uncharacterized LOC441268		0,557872082
A_21_P0014687	NM_000296	PKD1	polycystic kidney disease 1 (autosomal dominant)	ENST00000439623	0,557834159
A_23_P401014	NM_005744	ARIH1	ariadne homolog, ubiquitin-conjugating enzyme E2 binding	ENST00000299305	0,557777359
A_21_P0011538	THC2569535	XLOC_I2_005731			0,557756859
A_23_P99996	NM_019066	MAGEL2	MAGE-like 2	ENST00000532292	0,557697024
A_24_P382630	NM_015666	GTPBP5	GTP binding protein 5 (putative)	ENST00000370823	0,55764844
A_24_P92952	NM_006015	ARID1A	AT rich interactive domain 1A (SWI-like)	ENST00000532781	0,557606165
A_23_P429998	NM_006732	FOSB	FBJ murine osteosarcoma viral oncogene homolog B	ENST00000353609	0,557516956

A_24_P923945	ENST00000375218	UBR4	ubiquitin protein ligase E3 component n-recognin 4	ENST00000375218	0,557502855
A_33_P3281613	AK123276	KCNT1	potassium channel, subfamily T, member 1		0,557447303
A_23_P214168	NM_004370	COL12A1	collagen, type XII, alpha 1	ENST00000322507	0,557438149
A_33_P3320010	NM_006089	SCML2	sex comb on midleg-like 2 (Drosophila)	ENST00000491988	0,557417222
A_24_P389285	NR_027330	C7orf54	chromosome 7 open reading frame 54	ENST00000467238	0,557350385
A_33_P3358893	NM_002762	PRM2	protamine 2	ENST00000241808	0,557139736
A_33_P3394993	NM_025170	PREX2	phosphatidylinositol-3,4,5-trisphosphate-dependent Rac ex	ENST00000354677	0,557061126
A_33_P3321678	ENST00000381081	RNF180	ring finger protein 180	ENST00000381081	0,55704439
A_21_P0002956	TCONS_00006009	XLOC_002636			0,556958173
A_19_P00317731	ENST00000432413	XLOC_002473		ENST00000432413	0,55683697
A_23_P373031	NM_000719	CACNA1C	calcium channel, voltage-dependent, L type, alpha 1C subur	ENST00000399634	0,556781929
A_33_P3371663	NM_002344	LTK	leukocyte receptor tyrosine kinase	ENST00000263800	0,556737751
A_23_P352619	NM_052864	TIFA	TRAF-interacting protein with forkhead-associated domain	ENST00000438746	0,556707837
A_23_P104413	NM_033178	DUX4	double homeobox 4	ENST00000440426	0,556685217
A_23_P107963	NM_000148	FUT1	fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransfera	ENST00000310160	0,556548912
A_23_P121945	NM_001001502	SNCB	synuclein, beta	ENST00000393693	0,556354998
A_33_P3343750	NM_152603	ZNF567	zinc finger protein 567	ENST00000392163	0,55628732
A_24_P686965	NM_001103161	SH2D5	SH2 domain containing 5	ENST00000375031	0,556194567
A_19_P00320434	AK027541	XLOC_001728	0		0,555885841
A_23_P423695	NM_006454	MXD4	MAX dimerization protein 4	ENST00000537353	0,555881547
A_19_P00322809	XM_370934	LOC388210	apolipoporphorins-like		0,555846124
A_23_P24044	NM_017649	CNNM2	cyclin M2	ENST00000433628	0,55584195
A_32_P230196	NM_001077685	AGAP7	ArfGAP with GTPase domain, ankyrin repeat and PH domair	ENST00000413193	0,555795707
A_33_P3279715	NM_152896	UHRF2	ubiquitin-like with PHD and ring finger domains 2	ENST00000381373	0,555140812
A_23_P114057	NM_017789	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000467747	0,554955264
A_33_P3305620	NM_001184717	TIPARP	TCDD-inducible poly(ADP-ribose) polymerase	ENST00000461166	0,554921699
A_21_P0000253	NR_002559	SNORD29	small nucleolar RNA, C/D box 29		0,554891119
A_23_P78053	NM_030802	FAM117A	family with sequence similarity 117, member A	ENST00000240364	0,554825341
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,554733557

A_33_P3228757	NM_001144989	ZNF814	zinc finger protein 814	ENST00000376205	0,554709878
A_24_P162373	NM_001206998	ZNRF3	zinc and ring finger 3	ENST00000402174	0,554411974
A_21_P0011398	BC035099	WHAMMP2	WAS protein homolog associated with actin, golgi membranes and microtubules p		0,554400711
A_24_P419028	AB014771	MOP-1	MOP-1		0,554358805
A_21_P0011623	ENST00000506394	XLOC_I2_005826		ENST00000506394	0,554342561
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,554318183
A_21_P0003243	THC2496390	XLOC_002730			0,55429977
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,554244056
A_24_P261750	NM_007035	KERA	keratocan	ENST00000266719	0,554000803
A_33_P3406066	NM_173632	ZNF776	zinc finger protein 776	ENST00000317178	0,553896141
A_21_P0012698	TCONS_I2_0002145	XLOC_I2_011399			0,553890428
A_33_P3240727	NM_001080470	ZNF697	zinc finger protein 697	ENST00000421812	0,553885734
A_33_P3410206	NM_004913	C16orf7	chromosome 16 open reading frame 7	ENST00000261625	0,553817749
A_21_P0009924	ENST00000456634	XLOC_013840		ENST00000456634	0,553817596
A_32_P195647	NM_030624	KLHL15	kelch-like 15 (<i>Drosophila</i>)	ENST00000328046	0,5536891
A_33_P3388148	NM_001166694	CHRNA3	cholinergic receptor, nicotinic, alpha 3	ENST00000326858	0,553619454
A_23_P256663	NM_003614	GALR3	galanin receptor 3	ENST00000249041	0,553615782
A_33_P3279019	NM_012397	SERPINB13	serpin peptidase inhibitor, clade B (ovalbumin), member 13	ENST00000269489	0,553602148
A_21_P0000259	NR_002565	SNORD25	small nucleolar RNA, C/D box 25		0,553453441
A_23_P20732	NM_012204	GTF3C4	general transcription factor IIIC, polypeptide 4, 90kDa	ENST00000372146	0,55325094
A_33_P3365392	AK127261	LOC401557	uncharacterized LOC401557		0,553232798
A_23_P108932	NR_002229	RPL23AP32	ribosomal protein L23a pseudogene 32		0,553128058
A_23_P114057	NM_017789	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000467747	0,553103273
A_23_P93629	NM_015905	TRIM24	tripartite motif containing 24	ENST00000415680	0,553016944
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,55290931
A_33_P3356886	NM_198459	DENND2C	DENN/MADD domain containing 2C	ENST00000369540	0,552826879
A_33_P3279871	XM_001726878	LOC400682	zinc finger protein 100-like		0,552789896
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,552749476
A_32_P41375	NR_024368	FLJ45340	uncharacterized LOC402483		0,552450507

A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,552331116
A_23_P340019	NM_178844	NLRC3	NLR family, CARD domain containing 3	ENST00000419350	0,552167687
A_33_P3416206	AF258580	ARHGAP17	Rho GTPase activating protein 17		0,552050392
A_21_P0002391	TCONS_00004114	XLOC_001964			0,552007976
A_33_P3242483	NM_001030055	ARHGAP5	Rho GTPase activating protein 5	ENST00000345122	0,551818412
A_23_P405707	ENST00000501455	BCOR	BCL6 corepressor	ENST00000501455	0,551804645
A_23_P106737	NM_201412	LUC7L	LUC7-like (S. cerevisiae)	ENST00000418978	0,551757668
A_23_P108342	NM_016536	ZNF571	zinc finger protein 571	ENST00000358744	0,551543105
A_23_P106737	NM_201412	LUC7L	LUC7-like (S. cerevisiae)	ENST00000418978	0,551496829
A_23_P52826	NM_032725	BUD13	BUD13 homolog (S. cerevisiae)	ENST00000260210	0,551492571
A_23_P373799	NM_020943	CWC22	CWC22 spliceosome-associated protein homolog (S. cerevis)	ENST00000295749	0,551428682
A_33_P3361584	AK126579	LOC100130930	uncharacterized LOC100130930		0,551256411
A_33_P3327842	NM_001077195	ZNF436	zinc finger protein 436	ENST00000374608	0,551234637
A_33_P3330666	AK094096	FLJ36777	uncharacterized LOC730971		0,551224208
A_33_P3357062	NM_020936	DDX55	DEAD (Asp-Glu-Ala-Asp) box polypeptide 55	ENST00000354291	0,551132281
A_33_P3218760	NM_080599	UPF2	UPF2 regulator of nonsense transcripts homolog (yeast)	ENST00000397053	0,551106057
A_33_P3258602	NM_001005566	OR5B2	olfactory receptor, family 5, subfamily B, member 2	ENST00000302581	0,551011774
A_23_P5586	NM_005791	MPHOSPH10	M-phase phosphoprotein 10 (U3 small nucleolar ribonucleo	ENST00000476969	0,550994193
A_23_P106737	NM_201412	LUC7L	LUC7-like (S. cerevisiae)	ENST00000418978	0,550948004
A_33_P3362727	ENST00000376256	HNRNPK	heterogeneous nuclear ribonucleoprotein K	ENST00000376256	0,550811285
A_33_P3384710	NM_018182	C17orf63	chromosome 17 open reading frame 63	ENST00000341217	0,550750537
A_24_P348083	XR_111773	C18orf23	chromosome 18 open reading frame 23		0,550735967
A_24_P50908	ENST00000366699	TRIM11	tripartite motif containing 11	ENST00000366699	0,550617716
A_33_P3328445	AK074580	LOC100506713	uncharacterized LOC100506713	ENST00000399540	0,550592033
A_33_P3326285	NR_002578	GAS5	growth arrest-specific 5 (non-protein coding)		0,550533737
A_24_P205036	NM_001001411	ZNF676	zinc finger protein 676	ENST00000397121	0,550511349
A_33_P3229067	NM_003520	HIST1H2BN	histone cluster 1, H2bn	ENST00000396980	0,550291414
A_23_P114057	NM_017789	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000467747	0,550232009
A_21_P0004805	ENST00000445442	XLOC_005929		ENST00000445442	0,550142257

A_21_P0011299	THC2554687	XLOC_I2_004595			0,550054351
A_21_P0002514	BI765130	XLOC_002360			0,549959377
A_23_P132845	NM_004366	CLCN2	chloride channel 2	ENST00000430397	0,549882341
A_23_P9152	NM_005772	RCL1	RNA terminal phosphate cyclase-like 1	ENST00000381750	0,549852227
A_23_P140328	NM_004713	NEMF	nuclear export mediator factor	ENST00000556925	0,549815299
A_23_P101623	NM_022103	ZNF667	zinc finger protein 667	ENST00000360227	0,54959982
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,54951949
A_23_P99405	NM_003453	ZMYM2	zinc finger, MYM-type 2	ENST00000382871	0,549493403
A_23_P122464	NM_006299	ZNF193	zinc finger protein 193	ENST00000252207	0,54921786
A_23_P16538	NM_006532	ELL	elongation factor RNA polymerase II	ENST00000262809	0,549213465
A_21_P0000117	NM_001193281	MID1	midline 1 (Opitz/BBB syndrome)		0,549196246
A_23_P110606	NM_014757	MAML1	mastermind-like 1 (Drosophila)	ENST00000292599	0,549026416
A_33_P3339575	AK126828	LOC647983	uncharacterized LOC647983		0,549005119
A_33_P3704280	AK095428	FLJ38109	uncharacterized LOC386627		0,548846325
A_33_P3283213	NR_027295	MGC57346	uncharacterized LOC401884	ENST00000455565	0,54881292
A_33_P3321507	NM_001080495	TNRC18	trinucleotide repeat containing 18	ENST00000430969	0,548684916
A_21_P0011938	NM_025190	ANKRD36B	ankyrin repeat domain 36B	ENST00000528268	0,548624808
A_21_P0014799	XR_132602	LOC100652876	uncharacterized LOC100652876		0,548603883
A_33_P3653888	AF274944	LOC100128185	PNAS-19		0,548468256
A_21_P0005813	THC2715664	XLOC_007038			0,548365298
A_33_P3299921	XM_001719518	LOC100128869	uncharacterized LOC100128869		0,548345394
A_23_P408094	NM_002357	MXD1	MAX dimerization protein 1	ENST00000410000	0,548295381
A_21_P0009617	NR_015417	LOC284276	uncharacterized LOC284276		0,548164783
A_21_P0001983	ENST00000446029	XLOC_001919		ENST00000446029	0,547928136
A_19_P00315524	NR_003491	MIAT			0,547864959
A_33_P3361398	ENST00000382477	C19orf26	chromosome 19 open reading frame 26	ENST00000382477	0,54777886
A_33_P3268910	ENST00000505319	SPRY1	sprouty homolog 1, antagonist of FGF signaling (Drosophila)	ENST00000505319	0,547745838
A_21_P0000318	NR_002963	SNORA24	small nucleolar RNA, H/ACA box 24		0,547520344
A_21_P0010401	TCONS_00029542	XLOC_014192			0,547495733

A_21_P0003847	TCONS_00008869	XLOC_003646				0,547477571
A_33_P3410584	AK057937	LOC645586	uncharacterized LOC645586			0,547475712
A_33_P3222698	NM_006991	ZNF197	zinc finger protein 197		ENST00000396058	0,547475411
A_23_P121250	NM_001967	EIF4A2	eukaryotic translation initiation factor 4A2		ENST00000496382	0,54746877
A_21_P0013783	TCONS_I2_0003030	XLOC_I2_015585				0,547436418
A_19_P00812151	NR_024448	GUSBP11			ENST00000451919	0,547392879
A_21_P0011419	NM_000296	PKD1	polycystic kidney disease 1 (autosomal dominant)		ENST00000545970	0,547336986
A_33_P3337415	NM_002071	GNAL	guanine nucleotide binding protein (G protein), alpha activ		ENST00000269162	0,547287457
A_21_P0007687	ENST00000546259	XLOC_010012			ENST00000546259	0,547259709
A_21_P0009317	NR_024178	LOC284100	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsi			0,547051604
A_21_P0000219	NR_000019	SNORD34	small nucleolar RNA, C/D box 34		ENST00000472481	0,54703244
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8		ENST00000417268	0,546997906
A_23_P111865	NM_145914	ZSCAN21	zinc finger and SCAN domain containing 21		ENST00000292450	0,546980652
A_33_P3244168	ENST00000426595	MRPS17	mitochondrial ribosomal protein S17		ENST00000426595	0,546965835
A_23_P340890	NM_001195753	THAP3	THAP domain containing, apoptosis associated protein 3		ENST00000307896	0,546732546
A_33_P3393734	ENST00000392558	RPS27	ribosomal protein S27		ENST00000392558	0,546537375
A_23_P56922	NM_002157	HSPE1	heat shock 10kDa protein 1 (chaperonin 10)		ENST00000465573	0,546458691
A_23_P16562	NM_001017392	SUGP2	SURP and G patch domain containing 2		ENST00000452918	0,546426616
A_21_P0013268	TCONS_I2_0002619	XLOC_I2_013594				0,546373004
A_23_P356565	NM_015324	RRP8	ribosomal RNA processing 8, methyltransferase, homolog (y		ENST00000526352	0,546370351
A_32_P71447	NM_015261	NCAPD3	non-SMC condensin II complex, subunit D3		ENST00000534548	0,546366069
A_23_P360209	ENST00000361227	ND3	NADH dehydrogenase, subunit 3 (complex I)		ENST00000361227	0,546342362
A_21_P0014894	XR_132878	LOC100652757	uncharacterized LOC100652757			0,546188556
A_33_P3255001	NR_026834	LOC152024	uncharacterized LOC152024		ENST00000432505	0,546079828
A_33_P3380196	BC015533	AKAP9	A kinase (PRKA) anchor protein (yotiao) 9		ENST00000394564	0,54605688
A_23_P434890	NM_014550	CARD10	caspase recruitment domain family, member 10		ENST00000251973	0,546029059
A_33_P3335386	ENST00000388995	FAM83G	family with sequence similarity 83, member G		ENST00000388995	0,545903363
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2		ENST00000423833	0,545880697
A_21_P0014195	XR_108794	LOC100506312	uncharacterized LOC100506312			0,545859777

A_23_P142070	NM_012466	TSPAN16	tetraspanin 16	ENST00000316737	0,54583852
A_33_P3609431	AK127846	ERVFRD-2	endogenous retrovirus group FRD, member 2		0,545654468
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,545573085
A_21_P0014110	ENST00000478301	LOC100506673		ENST00000478301	0,545551066
A_33_P3359354	NM_001146310	C1orf86	chromosome 1 open reading frame 86	ENST00000400919	0,545287217
A_23_P407992	NM_020825	CRAMP1L	Crm, cramped-like (Drosophila)	ENST00000436138	0,545087638
A_23_P59138	NM_002701	POU5F1	POU class 5 homeobox 1	ENST00000471529	0,545060812
A_33_P3235561	ENST00000264203	CAPZB	capping protein (actin filament) muscle Z-line, beta	ENST00000264203	0,545016213
A_33_P3230269	NM_198182	GRHL1	grainyhead-like 1 (Drosophila)	ENST00000324907	0,544998146
A_33_P3274034	ENST00000316024	WRAP53	WD repeat containing, antisense to TP53	ENST00000316024	0,544944685
A_21_P0006606	TCONS_00017647	XLOC_008323			0,544897447
A_24_P307289	NM_198154	TMEM95	transmembrane protein 95	ENST00000389982	0,544883026
A_23_P355289	NR_003226	AFG3L1P	AFG3 ATPase family gene 3-like 1 (S. cerevisiae), pseudoger	ENST00000427658	0,544830558
A_33_P3378383	NR_003260	DNM1P46	DNM1 pseudogene 46	ENST00000341853	0,544722571
A_33_P3418668	NR_022011	PAR-SN	paternally expressed transcript PAR-SN	ENST00000557108	0,544695444
A_19_P00315541	XR_133032	LOC100507428			0,54452248
A_24_P167877	NM_001135865	LOC100132247	nuclear pore complex interacting protein related gene	ENST00000451409	0,544235667
A_23_P367071	NR_024062	UBE2DNL	ubiquitin-conjugating enzyme E2D N-terminal like (pseudog	ENST00000442533	0,54422043
A_33_P3409675	NR_033906	LOC442132	golgin A6 family-like 1 pseudogene		0,544112264
A_32_P113584	NM_015021	ZNF292	zinc finger protein 292	ENST00000369577	0,544059267
A_24_P933418	NM_005759	ABI2	abl-interactor 2	ENST00000295851	0,544049611
A_23_P55504	NM_002551	OR3A2	olfactory receptor, family 3, subfamily A, member 2	ENST00000408891	0,543754061
A_24_P317835	NM_019892	INPP5E	inositol polyphosphate-5-phosphatase, 72 kDa	ENST00000371712	0,543720539
A_21_P0009137	CR627169	XLOC_012041			0,543715611
A_33_P3407746	NM_177968	PPM1B	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1B	ENST00000378551	0,543496671
A_33_P3281033	BC035876	MACROD2	MACRO domain containing 2	ENST00000407045	0,543425091
A_23_P106737	NM_201412	LUC7L	LUC7-like (S. cerevisiae)	ENST00000418978	0,543403941
A_21_P0000867	NR_038993	ZBTB20-AS1	ZBTB20 antisense RNA 1 (non-protein coding)	ENST00000487814	0,54339453
A_21_P0005703	TCONS_00014724	XLOC_006814			0,543380311

A_21_P0004025	TCONS_00009445	XLOC_004456			0,543357124
A_33_P3221868	NM_001173990	TMEM216	transmembrane protein 216	ENST00000334888	0,543244445
A_32_P424761	ENST00000299350	C12orf28	chromosome 12 open reading frame 28	ENST00000299350	0,542913522
A_23_P66813	NM_016538	SIRT7	sirtuin 7	ENST00000536038	0,542881344
A_23_P111865	NM_145914	ZSCAN21	zinc finger and SCAN domain containing 21	ENST00000292450	0,542865374
A_24_P48318	NM_017748	CWC25	CWC25 spliceosome-associated protein homolog (S. cerevis	ENST00000536127	0,542864103
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,542824881
A_33_P3394183	NM_207395	ZNF324B	zinc finger protein 324B	ENST00000391696	0,542622942
A_21_P0011179	AK091626	XLOC_I2_003903			0,542566622
A_33_P3250165	NM_020711	ERMN	ermin, ERM-like protein	ENST00000411762	0,542528841
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,542458644
A_21_P0005167	BC035191	XLOC_005737			0,542410203
A_23_P359430	NM_015383	NBPF14	neuroblastoma breakpoint family, member 14	ENST00000369368	0,542389216
A_33_P3355371	ENST00000294161	TTC9C	tetratricopeptide repeat domain 9C	ENST00000294161	0,542364237
A_21_P0009119	BC035173	XLOC_011837			0,542290303
A_21_P0011300	TCONS_I2_0000848	XLOC_I2_004595			0,542272905
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,542257961
A_21_P0011427	TCONS_I2_0000967	XLOC_I2_005179			0,542064996
A_33_P3407636	AK296555	YWHAE	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsi		0,542056061
A_21_P0002417	TCONS_00004194	XLOC_002041			0,541908709
A_32_P116556	NM_001127464	ZNF469	zinc finger protein 469	ENST00000437464	0,541860418
A_21_P0012396	NR_027898	COL6A4P2	collagen, type VI, alpha 4 pseudogene 2		0,541694324
A_33_P3302393	NM_024731	KLHL36	kelch-like 36 (Drosophila)	ENST00000258157	0,541642197
A_24_P303815	NM_152896	UHRF2	ubiquitin-like with PHD and ring finger domains 2	ENST00000468435	0,541529925
A_23_P92424	NM_020368	UTP3	UTP3, small subunit (SSU) processome component, homolo	ENST00000254803	0,541518082
A_21_P0000306	NR_002950	SNORA2A	small nucleolar RNA, H/ACA box 2A		0,541441463
A_33_P3286973	ENST00000339381	TAS1R3	taste receptor, type 1, member 3	ENST00000339381	0,541430543
A_33_P3364607	AK127296	LOC100130051	uncharacterized LOC100130051		0,541250148
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,541192546

A_33_P3309319	NM_145886	PIDD	p53-induced death domain protein	ENST00000524486	0,541088604
A_33_P3293573	NM_001077621	VPS37D	vacuolar protein sorting 37 homolog D (<i>S. cerevisiae</i>)	ENST00000324941	0,541041045
A_23_P110957	NM_001452	FOXF2	forkhead box F2	ENST00000259806	0,541040265
A_33_P3354137	NM_030885	MAP4	microtubule-associated protein 4	ENST00000360240	0,540857611
A_23_P26358	NM_015092	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinase	ENST00000378955	0,540840152
A_33_P3384885	ENST00000359035	ZNF511	zinc finger protein 511	ENST00000359035	0,540703773
A_23_P367043	NR_003595	CDC14C	CDC14 cell division cycle 14 homolog C (<i>S. cerevisiae</i>)		0,540655533
A_21_P0013437	AL117552	XLOC_I2_013874			0,540633172
A_33_P3371650	BC052561	STK17B	serine/threonine kinase 17b		0,540522655
A_32_P171181	NM_001039703	NBPF10	neuroblastoma breakpoint family, member 10	ENST00000369372	0,54041504
A_24_P97342	NM_021935	PROK2	prokineticin 2	ENST00000353065	0,540397101
A_32_P219279	NM_052906	ELFN2	extracellular leucine-rich repeat and fibronectin type III domain	ENST00000402918	0,54037803
A_23_P110606	NM_014757	MAML1	mastermind-like 1 (<i>Drosophila</i>)	ENST00000292599	0,540371228
A_21_P0013269	BC060511	TLK2	tousled-like kinase 2		0,540363127
A_21_P0011500	NR_033908	LOC100288069	general transcription factor Ili pseudogene	ENST00000417964	0,540287096
A_33_P3353921	ENST00000489214	GNLY	granulysin	ENST00000489214	0,540275471
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,540230663
A_23_P333592	NM_173631	ZNF547	zinc finger protein 547	ENST00000282282	0,540043929
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,54000799
A_23_P55342	NM_004422	DVL2	dishevelled, dsh homolog 2 (<i>Drosophila</i>)	ENST00000005340	0,540007507
A_23_P66260	NM_003414	ZNF267	zinc finger protein 267	ENST00000300870	0,539831859
A_33_P3228564	NM_001144875	DOK3	docking protein 3	ENST00000312943	0,539796374
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,539687306
A_21_P0005521	NR_024586	LOC100216545	uncharacterized LOC100216545		0,539537595
A_23_P308632	NM_152769	C19orf26	chromosome 19 open reading frame 26	ENST00000215376	0,539528638
A_21_P0009329	TCONS_00025688	XLOC_012503			0,539458944
A_23_P307400	NM_138363	CEP95	centrosomal protein 95kDa	ENST00000556440	0,539457298
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,539455902
A_23_P34676	NM_198053	CD247	CD247 molecule	ENST00000483825	0,539450412

A_21_P0000062	NM_001166242	C22orf39	chromosome 22 open reading frame 39	ENST00000542103	0,539434893
A_23_P79069	NM_022904	RASAL3	RAS protein activator like 3	ENST00000343625	0,539356848
A_21_P0010943	ENST00000440803	XLOC_I2_001952		ENST00000440803	0,539318556
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,539298118
A_21_P0002945	XM_001130287	LOC729454	destrin-like		0,539273897
A_33_P3264404	AK098270	LOC100132593	uncharacterized LOC100132593		0,539197119
A_21_P0013961	ENST00000456890	LOC100506447	uncharacterized protein LOC100506447	ENST00000456890	0,539191097
A_21_P0000107	NM_001190489	MTRNR2L7	MT-RNR2-like 7	ENST00000544824	0,538870567
A_21_P0009474	TCONS_00026326	XLOC_012666			0,538856706
A_23_P48610	NM_144568	TMEM55B	transmembrane protein 55B	ENST00000557041	0,538654926
A_23_P150876	NM_024667	VPS37B	vacuolar protein sorting 37 homolog B (S. cerevisiae)	ENST00000267202	0,538653025
A_32_P72341	NM_173084	TRIM59	tripartite motif containing 59	ENST00000309784	0,538627843
A_33_P3410859	NR_003288	LOC729603	calcium binding protein P22 pseudogene		0,538501379
A_21_P0014323	XR_109285	LOC100507092	uncharacterized LOC100507092		0,538277803
A_21_P0010153	ENST00000433344	XLOC_013898		ENST00000433344	0,538176472
A_33_P3262020	NM_000606	C8G	complement component 8, gamma polypeptide	ENST00000224181	0,538172163
A_21_P0001446	TCONS_00001349	XLOC_000641			0,538146312
A_33_P3233135	NM_001199866	KIF16B	kinesin family member 16B	ENST00000408042	0,537834971
A_21_P0000218	NR_000018	SNORD35A	small nucleolar RNA, C/D box 35A	ENST00000476268	0,537763731
A_21_P0001900	ENST00000419650	XLOC_001620		ENST00000419650	0,537757622
A_23_P114057	NM_017789	SEMA4C	sema domain, immunoglobulin domain (Ig), transmembrane	ENST00000467747	0,537723422
A_21_P0007035	TCONS_00018646	XLOC_008997			0,537691278
A_33_P3352687	NR_028326	LOC100133161	uncharacterized LOC100133161	ENST00000450789	0,53760018
A_19_P00810043	XR_108650	FLJ38717	FLJ38717 protein		0,537474687
A_33_P3278033	NM_001004125	TUSC1	tumor suppressor candidate 1	ENST00000358022	0,537457934
A_23_P126689	NM_001014443	USP21	ubiquitin specific peptidase 21	ENST00000485277	0,537382949
A_33_P3297468	NM_001177317	SLC34A3	solute carrier family 34 (sodium phosphate), member 3	ENST00000538474	0,537185413
A_33_P3393537	NM_001164722	PTAFR	platelet-activating factor receptor	ENST00000539896	0,53710001
A_24_P265856	NM_020654	SEN7	SUMO1/sentrin specific peptidase 7	ENST00000314261	0,537082067

A_23_P61674	NM_020666	CLK4	CDC-like kinase 4	ENST00000520878	0,536960346
A_33_P3312366	NM_003935	TOP3B	topoisomerase (DNA) III beta	ENST00000436282	0,53681073
A_23_P417951	NM_033512	TSPYL5	TSPY-like 5	ENST00000322128	0,536581329
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,536531039
A_23_P33196	NM_000393	COL5A2	collagen, type V, alpha 2	ENST00000452536	0,536461336
A_24_P58122	NM_015306	USP24	ubiquitin specific peptidase 24	ENST00000294383	0,536444999
A_23_P101476	NM_030824	ZNF442	zinc finger protein 442	ENST00000242804	0,536435973
A_21_P0014775	XR_132550	LOC100505637			0,536428809
A_21_P0000360	NR_003019	SNORA77	small nucleolar RNA, H/ACA box 77		0,53628567
A_33_P3326733	NR_003524	LOC729668	golgi autoantigen, golgin subfamily a, 6 pseudogene	ENST00000471055	0,536269507
A_33_P3221343	NM_173497	HECTD2	HECT domain containing 2	ENST00000371681	0,536168431
A_33_P3369550	NM_004768	SRSF11	serine/arginine-rich splicing factor 11	ENST00000405432	0,536102068
A_21_P0000106	NM_001190487	MTRNR2L6	MT-RNR2-like 6		0,535850037
A_21_P0012979	ENST00000514048	XLOC_I2_011987		ENST00000514048	0,535751913
A_23_P101623	NM_022103	ZNF667	zinc finger protein 667	ENST00000360227	0,535747793
A_23_P323751	NM_030919	FAM83D	family with sequence similarity 83, member D	ENST00000424027	0,535648329
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,535592075
A_21_P0011482	TCONS_I2_0001017(XLOC_I2_005490				0,535565349
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,53550829
A_23_P36018	NM_014312	VSIG2	V-set and immunoglobulin domain containing 2	ENST00000326621	0,535182474
A_23_P256581	NM_021620	PRDM13	PR domain containing 13	ENST00000369214	0,535116339
A_33_P3368560	BC050395	AHSA2	AHA1, activator of heat shock 90kDa protein ATPase homolog 2 (yeast)		0,534668808
A_21_P0003244	D50525	XLOC_002730			0,534638321
A_33_P3402654	NR_015358	FLJ43390	uncharacterized LOC646113		0,534602452
A_23_P415633	NM_001174103	SGK494	uncharacterized serine/threonine-protein kinase SgK494	ENST00000301037	0,534496307
A_33_P3349883	ENST00000366583	LGALS8	lectin, galactoside-binding, soluble, 8	ENST00000366583	0,534495936
A_33_P3236109	NM_000275	OCA2	oculocutaneous albinism II	ENST00000382996	0,534483483
A_24_P16950	NM_198893	ZNF160	zinc finger protein 160	ENST00000429604	0,53448196
A_21_P0011824	NR_038386	LOC728537	uncharacterized LOC728537	ENST00000445382	0,534397282

A_21_P0013465	ENST00000520524	XLOC_I2_014086		ENST00000520524	0,534356894
A_33_P3401841	AK123920	LOC100130453	uncharacterized LOC100130453		0,534218927
A_33_P3342448	ENST00000510382	ANK3	ankyrin 3, node of Ranvier (ankyrin G)	ENST00000510382	0,534211946
A_33_P3274009	AK124556	LOC100132966	uncharacterized LOC100132966		0,534143258
A_33_P3256894	NM_001169107	FAM21C	family with sequence similarity 21, member C	ENST00000434114	0,534117275
A_21_P0013313	TCONS_I2_0002660	XLOC_I2_013857			0,534098828
A_23_P30098	NM_000670	ADH4	alcohol dehydrogenase 4 (class II), pi polypeptide	ENST00000423445	0,533881616
A_21_P0001704	AW963279	XLOC_000390			0,533860055
A_32_P384562	NR_023386	CROCCP3	ciliary rootlet coiled-coil, rootletin pseudogene 3		0,533783259
A_33_P3268564	NM_001004722	NCK2	NCK adaptor protein 2	ENST00000393348	0,533774972
A_21_P0001246	ENST00000458044	XLOC_001265		ENST00000458044	0,53376687
A_21_P0010245	TCONS_00029019	XLOC_013942			0,533657071
A_23_P106737	NM_201412	LUC7L	LUC7-like (<i>S. cerevisiae</i>)	ENST00000418978	0,533438371
A_21_P0014779	ENST00000494753	PLIN2	perilipin 2	ENST00000494753	0,533391151
A_33_P3391596	NM_001105206	LAMA4	laminin, alpha 4		0,533328206
A_23_P253921	NM_018651	ZNF167	zinc finger protein 167	ENST00000273320	0,53331781
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,533287168
A_33_P3258988	ENST00000380127	GDI2	GDP dissociation inhibitor 2	ENST00000380127	0,533237262
A_24_P241330	NM_024824	ZC3H14	zinc finger CCCH-type containing 14	ENST00000380684	0,533200215
A_21_P0007367	TCONS_00019696	XLOC_009493			0,533111697
A_23_P110606	NM_014757	MAML1	mastermind-like 1 (<i>Drosophila</i>)	ENST00000292599	0,532981175
A_23_P109636	NM_015541	LRIG1	leucine-rich repeats and immunoglobulin-like domains 1	ENST00000383702	0,532971706
A_23_P118894	NM_024320	PRR15L	proline rich 15-like	ENST00000300557	0,532961722
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,532941968
A_23_P212639	NM_004593	TRA2B	transformer 2 beta homolog (<i>Drosophila</i>)	ENST00000456380	0,532890625
A_33_P3353622	NM_021163	RBAK	RB-associated KRAB zinc finger	ENST00000353796	0,532842299
A_33_P3293753	NM_198690	KRTAP10-9	keratin associated protein 10-9	ENST00000397911	0,532670324
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,532669626
A_23_P125639	NM_003410	ZFX	zinc finger protein, X-linked	ENST00000540034	0,532341347

A_19_P00808452	NM_012309	SHANK2		ENST00000460048	0,532297976
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,532130715
A_21_P0003771	TCONS_00008580	XLOC_004089			0,532077084
A_23_P101332	NM_023008	KRI1	KRI1 homolog (S. cerevisiae)	ENST00000478863	0,532021007
A_23_P25403	NM_013320	HCFC2	host cell factor C2	ENST00000552343	0,53193873
A_23_P324989	ENST00000420326	RECQL5	RecQ protein-like 5	ENST00000420326	0,531698461
A_21_P0006396	NR_033374	LOC100289019	uncharacterized LOC100289019	ENST00000418747	0,531625615
A_21_P0010654	NM_001161334	HIST2H2BF	histone cluster 2, H2bf	ENST00000369167	0,531390685
A_23_P393713	NM_002180	IGHMBP2	immunoglobulin mu binding protein 2	ENST00000255078	0,531349598
A_33_P3260747	ENST00000373677	NHSL2	NHS-like 2	ENST00000373677	0,531228419
A_21_P0007182	TCONS_00019246	XLOC_009078			0,53112938
A_24_P206344	NM_152557	ZNF746	zinc finger protein 746	ENST00000458143	0,531060098
A_21_P0000223	NR_000025	SNORD15B	small nucleolar RNA, C/D box 15B		0,530834858
A_33_P3499102	AK098115	RBM10	RNA binding motif protein 10		0,530780259
A_21_P0011301	NR_026589	WHAMMP2	WAS protein homolog associated with actin, golgi membranes and microtubules p		0,530709364
A_33_P3271301	NM_181492	TCF20	transcription factor 20 (AR1)	ENST00000335626	0,530704608
A_33_P3313825	ENST00000383765	TGFBR2	transforming growth factor, beta receptor II (70/80kDa)	ENST00000383765	0,53059289
A_19_P00812250	NM_005359	SMAD4	SMAD family member 4	ENST00000342988	0,530464089
A_21_P0010450	TCONS_00029725	XLOC_014400			0,530409097
A_24_P56689	NM_003456	ZNF205	zinc finger protein 205	ENST00000219091	0,530409006
A_23_P101461	NM_030818	CCDC130	coiled-coil domain containing 130	ENST00000221554	0,530390039
A_23_P9289	NM_134428	RFX3	regulatory factor X, 3 (influences HLA class II expression)	ENST00000458034	0,530308049
A_24_P371962	NM_001634	AMD1	adenosylmethionine decarboxylase 1	ENST00000368885	0,530253453
A_21_P0014684	XR_111563	LOC100507803	uncharacterized LOC100507803		0,530248938
A_23_P117928	NM_014952	BAHD1	bromo adjacent homology domain containing 1	ENST00000416165	0,530204994
A_21_P0011358	TCONS_I2_0000896;XLOC_I2_004854				0,530154042
A_23_P256391	NM_002078	GOLGA4	golgin A4	ENST00000361924	0,530107111
A_23_P114713	NM_000779	CYP4B1	cytochrome P450, family 4, subfamily B, polypeptide 1	ENST00000371923	0,5300283
A_21_P0000231	NR_001294	SNORD64	small nucleolar RNA, C/D box 64		0,53001642

A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,529944836
A_21_P0003955	ENST00000505404	XLOC_004268		ENST00000505404	0,529900795
A_21_P0003885	NM_002337	LRPAP1	low density lipoprotein receptor-related protein associated	ENST00000500728	0,529735525
A_33_P3293114	NM_001190987	SRSF11	serine/arginine-rich splicing factor 11	ENST00000395136	0,529617295
A_21_P0014700	XR_111905	LOC100507769	uncharacterized LOC100507769		0,529568771
A_23_P368259	NM_152361	EID2B	EP300 interacting inhibitor of differentiation 2B	ENST00000326282	0,529540134
A_24_P169544	NM_006959	ZNF17	zinc finger protein 17	ENST00000307658	0,529466033
A_33_P3362521	NM_016474	C3orf19	chromosome 3 open reading frame 19	ENST00000383794	0,529435409
A_33_P3349395	AF411609	CECR2	cat eye syndrome chromosome region, candidate 2		0,529328924
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,529113748
A_21_P0006008	BC014180	POLR1E	polymerase (RNA) I polypeptide E, 53kDa	ENST00000413915	0,529106292
A_33_P3290955	NR_024207	KIAA1875	KIAA1875	ENST00000488801	0,529092037
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,529020766
A_21_P0002195	TCONS_00003626	XLOC_001418			0,529006411
A_23_P117928	NM_014952	BAHD1	bromo adjacent homology domain containing 1	ENST00000416165	0,528962884
A_33_P3264419	NM_152758	YTHDF3	YTH domain family, member 3		0,528731048
A_24_P268786	NM_018657	MYNN	myoneurin	ENST00000356716	0,52872039
A_33_P3335183	NM_199340	LRR37A3	leucine rich repeat containing 37, member A3	ENST00000425901	0,528690552
A_23_P117928	NM_014952	BAHD1	bromo adjacent homology domain containing 1	ENST00000416165	0,528625111
A_23_P122464	NM_006299	ZNF193	zinc finger protein 193	ENST00000252207	0,528622801
A_23_P110606	NM_014757	MAML1	mastermind-like 1 (Drosophila)	ENST00000292599	0,528419155
A_19_P00318314	XR_132650	LOC100506694	uncharacterized LOC100506694		0,528327889
A_23_P24365	NM_017704	ANKRD49	ankyrin repeat domain 49	ENST00000302755	0,528309342
A_33_P3284854	AK127969	FLJ25694	uncharacterized protein FLJ25694		0,528286715
A_24_P290354	NM_006007	ZFAND5	zinc finger, AN1-type domain 5	ENST00000471197	0,52827755
A_33_P3377194	NM_033304	ADRA1A	adrenergic, alpha-1A-, receptor	ENST00000358857	0,528218533
A_33_P3304688	AF463496	TNAP	TRAFs and NIK-associated protein		0,52820956
A_23_P110606	NM_014757	MAML1	mastermind-like 1 (Drosophila)	ENST00000292599	0,528170539
A_21_P0007846	TCONS_00020536	XLOC_009850			0,528108263

A_24_P71973	NM_002253	KDR	kinase insert domain receptor (a type III receptor tyrosine k	ENST00000263923	0,528077083
A_24_P122732	NM_173854	SLC41A1	solute carrier family 41, member 1	ENST00000468057	0,527867712
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,52784865
A_23_P90895	NM_152994	PPP1R21	protein phosphatase 1, regulatory subunit 21	ENST00000460299	0,527832447
A_23_P416314	NM_054108	HRASLS5	HRAS-like suppressor family, member 5	ENST00000536887	0,527794096
A_21_P0006439	ENST00000430235	XLOC_008099		ENST00000430235	0,527548495
A_33_P3362636	NM_001136498	CISD3	CDGSH iron sulfur domain 3	ENST00000439660	0,527519202
A_33_P3211569	NM_001005915	ERBB3	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3	ENST00000411731	0,527398656
A_23_P415015	NM_022374	ATL2	atlastin GTPase 2	ENST00000546051	0,527295839
A_33_P3239122	ENST00000372550	PPIH	peptidylprolyl isomerase H (cyclophilin H)	ENST00000372550	0,527231917
A_23_P96633	NM_001031705	CXorf48	chromosome X open reading frame 48	ENST00000344129	0,527229011
A_33_P3210904	AK095629	SEC13	SEC13 homolog (S. cerevisiae)	ENST00000397101	0,527197373
A_21_P0003722	TCONS_00008437	XLOC_003883			0,527193795
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,527115096
A_23_P217570	NM_014289	CAPN6	calpain 6	ENST00000324068	0,527028642
A_24_P369232	NM_031455	CCDC3	coiled-coil domain containing 3	ENST00000378839	0,52695528
A_33_P3226380	NR_029401	LOC731275	uncharacterized LOC731275	ENST00000440038	0,526868273
A_23_P252642	NM_152384	BBS5	Bardet-Biedl syndrome 5	ENST00000472667	0,526841686
A_23_P502627	NM_007156	ZXDA	zinc finger, X-linked, duplicated A	ENST00000358697	0,526833525
A_33_P3253264	NM_005341	ZBTB48	zinc finger and BTB domain containing 48	ENST00000466813	0,526809861
A_23_P4400	NM_033059	KRTAP4-11	keratin associated protein 4-11	ENST00000391413	0,526767198
A_23_P111865	NM_145914	ZSCAN21	zinc finger and SCAN domain containing 21	ENST00000292450	0,526762608
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,526714223
A_19_P00318715	NR_015431	FLJ43663	uncharacterized LOC378805		0,5266613302
A_23_P110606	NM_014757	MAML1	mastermind-like 1 (Drosophila)	ENST00000292599	0,526563359
A_21_P0011288	NM_012102	RERE	arginine-glutamic acid dipeptide (RE) repeats	ENST00000480342	0,526555551
A_32_P2392	NM_181077	GOLGA8A	golgin A8 family, member A	ENST00000509311	0,526530331
A_23_P117928	NM_014952	BAHD1	bromo adjacent homology domain containing 1	ENST00000416165	0,526472504
A_23_P219197	NM_134427	RGS3	regulator of G-protein signaling 3	ENST00000478599	0,526404728

A_33_P3384775	ENST00000398497	ZNF295	zinc finger protein 295	ENST00000398497	0,526375803
A_19_P00319990	ENST00000551938	LOC100506948		ENST00000551938	0,526374376
A_21_P0014478	XR_110012	LOC100506856	uncharacterized LOC100506856		0,526372096
A_23_P5339	NM_030577	TMEM177	transmembrane protein 177	ENST00000424086	0,526224343
A_21_P0005780	TCONS_00014884	XLOC_006954			0,52615188
A_24_P349196	NM_001080850	CCDC30	coiled-coil domain containing 30	ENST00000340612	0,52610318
A_23_P115861	NM_145312	ZNF485	zinc finger protein 485	ENST00000374437	0,526101301
A_33_P3262292	NM_015562	UBXN7	UBX domain protein 7	ENST00000535858	0,525993915
A_23_P68511	NM_015985	ANGPT4	angiopoietin 4	ENST00000546022	0,525949474
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,525941902
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,525661908
A_21_P0011267	NR_039982	LOC283547	uncharacterized LOC283547	ENST00000554732	0,525575147
A_33_P3290567	NM_003390	WEE1	WEE1 homolog (S. pombe)	ENST00000299613	0,525533902
A_21_P0010875	THC2533495	XLOC_l2_001967			0,52540837
A_33_P3271261	NM_006181	NTN3	netrin 3	ENST00000293973	0,525323079
A_21_P0001780	AK311291	XLOC_001666			0,525046537
A_23_P111303	NM_014892	SCAF8	SR-related CTD-associated factor 8	ENST00000417268	0,525041907
A_24_P169073	NM_182623	FAM131C	family with sequence similarity 131, member C	ENST00000375662	0,524963269
A_21_P0009545	TCONS_00026493	XLOC_012819			0,524835406
A_23_P109636	NM_015541	LRIG1	leucine-rich repeats and immunoglobulin-like domains 1	ENST00000383702	0,524819154
A_21_P0010509	NR_024455	LOC100133612	uncharacterized LOC100133612		0,524768167
A_23_P68910	NM_001051	SSTR3	somatostatin receptor 3	ENST00000402501	0,524455135
A_23_P117515	NM_002892	ARID4A	AT rich interactive domain 4A (RBP1-like)	ENST00000395168	0,524327289
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,524324747
A_21_P0011403	NR_024074	GOLGA8IP	golgin A8 family, member I, pseudogene	ENST00000339078	0,524260403
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,524195969
A_33_P3388283	ENST00000496907	HMGCL	3-hydroxymethyl-3-methylglutaryl-CoA lyase	ENST00000496907	0,524175209
A_23_P105276	NM_003428	ZNF84	zinc finger protein 84	ENST00000543758	0,524110045
A_23_P14389	NM_014977	ACIN1	apoptotic chromatin condensation inducer 1	ENST00000397341	0,524097408

A_21_P0006463	ENST00000412420	XLOC_008236		ENST00000412420	0,524000473
A_33_P3390391	NM_015711	GLTSCR1	glioma tumor suppressor candidate region gene 1	ENST00000396720	0,523954873
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,523854802
A_33_P3311046	NM_001004691	OR2M7	olfactory receptor, family 2, subfamily M, member 7	ENST00000317965	0,523798173
A_33_P3271087	NM_005553	KRTAP5-9	keratin associated protein 5-9	ENST00000528743	0,523758212
A_32_P505133	NM_178830	C19orf47	chromosome 19 open reading frame 47	ENST00000392035	0,523730278
A_33_P3306659	AB002446	LOC728254	uncharacterized LOC728254		0,523610697
A_21_P0008911	TCONS_00024348	XLOC_011670			0,523608515
A_33_P3287892	ENST00000480144	SLTM	SAFB-like, transcription modulator	ENST00000480144	0,52356685
A_33_P3340862	NM_001146685	TMEM88B	transmembrane protein 88B		0,523374282
A_33_P3352822	NM_173631	ZNF547	zinc finger protein 547	ENST00000391704	0,52334171
A_23_P133585	NM_001799	CDK7	cyclin-dependent kinase 7	ENST00000256443	0,523307839
A_33_P3268035	NM_032517	LYZL1	lysozyme-like 1	ENST00000375500	0,523229324
A_21_P0003951	ENST00000512521	XLOC_004263		ENST00000512521	0,52321737
A_21_P0003145	TCONS_00006577	XLOC_003200			0,523101483
A_33_P3395513	ENST00000544729	NRG2	neuregulin 2	ENST00000544729	0,523071401
A_21_P0010980	NR_002819	MALAT1	metastasis associated lung adenocarcinoma transcript 1 (non-protein coding)		0,523033487
A_33_P3343828	AK126677	FLJ42627	uncharacterized LOC645644		0,522955953
A_21_P0012064	CR600703	XLOC_I2_007986			0,522920008
A_23_P102242	NM_022826	Mar-07	membrane-associated ring finger (C3HC4) 7	ENST00000409175	0,522916124
A_33_P3241316	NM_213600	PLA2G4F	phospholipase A2, group IVF	ENST00000357924	0,522834036
A_23_P109636	NM_015541	LRIG1	leucine-rich repeats and immunoglobulin-like domains 1	ENST00000383702	0,522667735
A_24_P203134	NM_178470	DCAF12L1	DDB1 and CUL4 associated factor 12-like 1	ENST00000371126	0,522644236
A_23_P106737	NM_201412	LUC7L	LUC7-like (S. cerevisiae)	ENST00000418978	0,522556303
A_21_P0010493	AK123495	LOC389831	uncharacterized LOC389831		0,522523025
A_24_P349616	NM_001076683	UBTF	upstream binding transcription factor, RNA polymerase I	ENST00000302904	0,522505141
A_33_P3382217	ENST00000541316	KIF3A	kinesin family member 3A	ENST00000541316	0,522488976
A_21_P0002159	TCONS_00003548	XLOC_001320			0,522136032
A_21_P0005389	THC2730801	XLOC_006123			0,522022915

A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	0,521952088
A_23_P49988	NM_033062	KRTAP4-2	keratin associated protein 4-2	ENST00000377726	0,521908005
A_23_P114084	NM_000444	PHEX	phosphate regulating endopeptidase homolog, X-linked	ENST00000537599	0,521787845
A_24_P160380	NM_176871	PDLIM2	PDZ and LIM domain 2 (mystique)	ENST00000265810	0,521653061
A_21_P0011313	THC2762855	XLOC_I2_004611			0,521595341
A_21_P0014591	XR_110418	LOC100507280	uncharacterized LOC100507280		0,521510885
A_21_P0010723	ENST00000417260	XLOC_I2_000401		ENST00000417260	0,52146091
A_21_P0006021	TCONS_00015699	XLOC_007420			0,521459859
A_21_P0010651	THC2590496	XLOC_I2_001089			0,521427657
A_23_P30464	NM_030567	PRR7	proline rich 7 (synaptic)	ENST00000502922	0,521373235
A_21_P0009784	THC2615013	XLOC_013037			0,521317502
A_33_P3262495	NM_032772	ZNF503	zinc finger protein 503	ENST00000372524	0,521255068
A_33_P3225873	NR_028324	FLJ45445	uncharacterized LOC399844	ENST00000425496	0,521182031
A_21_P0003045	TCONS_00007008	XLOC_002878			0,521069276
A_33_P3420747	NM_022828	YTHDC2	YTH domain containing 2	ENST00000161863	0,520889453
A_23_P109636	NM_015541	LRIG1	leucine-rich repeats and immunoglobulin-like domains 1	ENST00000383702	0,520880734
A_23_P170820	NM_001020658	PUM1	pumilio homolog 1 (Drosophila)	ENST00000440538	0,520874704
A_33_P3400324	NM_024947	PHC3	polyhomeotic homolog 3 (Drosophila)		0,520864212
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,520738008
A_24_P238143	NM_001006607	LRRC37A2	leucine rich repeat containing 37, member A2	ENST00000547334	0,520694133
A_23_P47839	NM_020936	DDX55	DEAD (Asp-Glu-Ala-Asp) box polypeptide 55	ENST00000238146	0,520515182
A_33_P3397955	NR_002808	ITPK1-AS1	ITPK1 antisense RNA 1 (non-protein coding)	ENST00000553639	0,520379786
A_21_P0001619	THC2630478	XLOC_001195			0,520343542
A_21_P0014904	XR_132901	LOC100652738	uncharacterized LOC100652738		0,520288403
A_33_P3383351	ENST00000464187	COL5A1	collagen, type V, alpha 1	ENST00000464187	0,520277815
A_21_P0000341	NR_002987	SNORA61	small nucleolar RNA, H/ACA box 61		0,52019527
A_23_P117928	NM_014952	BAHD1	bromo adjacent homology domain containing 1	ENST00000416165	0,52019285
A_21_P0007318	NR_033972	LOC440028	uncharacterized LOC440028		0,520182579
A_23_P88880	NM_015069	ZNF423	zinc finger protein 423	ENST00000535559	0,520101555

A_23_P115842	NM_018237	CCAR1	cell division cycle and apoptosis regulator 1	ENST00000540210	0,520091526
A_23_P67896	NM_006922	SCN3A	sodium channel, voltage-gated, type III, alpha subunit	ENST00000540861	0,520017495
A_33_P3417113	NM_207173	NPSR1	neuropeptide S receptor 1	ENST00000381553	0,519952666
A_21_P0010486	THC2478115	XLOC_014484			0,519878125
A_24_P161813	NR_024380	LOC441666	zinc finger protein 91 pseudogene		0,519866626
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,519845782
A_23_P107801	NM_032207	C19orf44	chromosome 19 open reading frame 44	ENST00000221671	0,51978932
A_19_P00321998	BC035182	LOC729178	uncharacterized LOC729178		0,519779897
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,519759385
A_19_P00319633	NR_037178	LOC100294145	uncharacterized LOC100294145		0,519738314
A_23_P150362	NM_031275	TEX12	testis expressed 12	ENST00000530752	0,519450499
A_24_P367211	NM_014598	SOCS7	suppressor of cytokine signaling 7	ENST00000331159	0,519399076
A_23_P68868	NR_002323	TUG1	taurine upregulated 1 (non-protein coding)		0,51938707
A_23_P168629	NM_018077	RBM28	RNA binding motif protein 28	ENST00000481788	0,519352181
A_33_P3309741	ENST00000441164	CCDC108	coiled-coil domain containing 108	ENST00000441164	0,519327695
A_23_P4798	NM_016535	ZNF581	zinc finger protein 581	ENST00000270451	0,519294131
A_21_P0000209	NR_000009	SNORD4B	small nucleolar RNA, C/D box 4B		0,519193699
A_21_P0000321	NR_002967	SNORA31	small nucleolar RNA, H/ACA box 31	ENST00000534033	0,519159467
A_23_P139965	NM_001010897	SERP2	stress-associated endoplasmic reticulum protein family member	ENST00000493476	0,519139362
A_33_P3485760	ENST00000462527	EIF3A	eukaryotic translation initiation factor 3, subunit A	ENST00000462527	0,519080581
A_33_P3307490	ENST00000378189	SYNRG	synergin, gamma	ENST00000378189	0,519030203
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,519009117
A_33_P3236272	NM_001173539	BANP	BTG3 associated nuclear protein	ENST00000286122	0,519003545
A_33_P3353425	NM_020935	USP37	ubiquitin specific peptidase 37	ENST00000478329	0,518974268
A_33_P3381796	XR_108716	LOC393078	uncharacterized LOC393078		0,518941523
A_33_P3373046	NM_001024596	ZNF772	zinc finger protein 772	ENST00000291809	0,518926398
A_21_P0014288	XR_109155	ANKRD10-IT1	ANKRD10 intronic transcript 1 (non-protein coding)		0,518911064
A_21_P0004766	ENST00000434493	XLOC_005782		ENST00000434493	0,518904602
A_23_P133284	NM_018343	RIOK2	RIO kinase 2 (yeast)	ENST00000283109	0,518891652

A_23_P117928	NM_014952	BAHD1	bromo adjacent homology domain containing 1	ENST00000416165	0,518848295
A_21_P0010322	TCONS_00029300	XLOC_014097			0,518661333
A_23_P117928	NM_014952	BAHD1	bromo adjacent homology domain containing 1	ENST00000416165	0,518508881
A_23_P111865	NM_145914	ZSCAN21	zinc finger and SCAN domain containing 21	ENST00000292450	0,518490744
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,518432367
A_33_P3209030	NM_001082480	ZNF623	zinc finger protein 623	ENST00000328466	0,517788322
A_32_P94	NM_198560	LHFPL4	lipoma HMGIC fusion partner-like 4		0,517666253
A_23_P114405	NM_012286	MORF4L2	mortality factor 4 like 2	ENST00000423833	0,517587129
A_23_P314115	NM_005180	BMI1	BMI1 polycomb ring finger oncogene	ENST00000376691	0,517520693
A_23_P101461	NM_030818	CCDC130	coiled-coil domain containing 130	ENST00000221554	0,517050972
A_19_P00801735	TCONS_I2_0002650	XLOC_I2_013783			0,51695586
A_23_P259393	NM_001005159	SFMBT1	Scm-like with four mbt domains 1	ENST00000394750	0,51689568
A_24_P383850	NM_003760	EIF4G3	eukaryotic translation initiation factor 4 gamma, 3	ENST00000374927	0,516707224
A_33_P3378284	NM_144613	COX6B2	cytochrome c oxidase subunit VIb polypeptide 2 (testis)	ENST00000326529	0,516589609
A_33_P3317553	NR_036650	LOC100288615	WAS protein homolog associated with actin, golgi membranes and microtubules p		0,51648128
A_24_P129632	NM_004747	DLG5	discs, large homolog 5 (Drosophila)	ENST00000372388	0,516231051
A_23_P134729	NR_027259	C8orf39	chromosome 8 open reading frame 39	ENST00000391680	0,516213292
A_21_P0011791	ENST00000435062	XLOC_I2_007184		ENST00000435062	0,516142437
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,516141007
A_33_P3324651	NM_001242600	RBM39	RNA binding motif protein 39	ENST00000433027	0,516116619
A_23_P122464	NM_006299	ZNF193	zinc finger protein 193	ENST00000252207	0,516099616
A_23_P110882	NM_021648	TSPYL4	TSPY-like 4	ENST00000420283	0,516047975
A_33_P3235330	NM_021090	MTMR3	myotubularin related protein 3	ENST00000333027	0,515948896
A_21_P0011663	AY262164	GTSCR1	Gilles de la Tourette syndrome chromosome region, candidate 1		0,515947357
A_24_P382401	NM_153358	ZNF791	zinc finger protein 791	ENST00000393303	0,515946649
A_21_P0014694	XR_111767	LOC100509487	uncharacterized LOC100509487		0,515937714
A_23_P401675	ENST00000454295	MARVELD2	MARVEL domain containing 2	ENST00000454295	0,515875755
A_23_P29803	NM_006232	POLR2H	polymerase (RNA) II (DNA directed) polypeptide H	ENST00000476003	0,515851478
A_23_P111865	NM_145914	ZSCAN21	zinc finger and SCAN domain containing 21	ENST00000292450	0,515829564

A_23_P85441	NM_020789	IGSF9	immunoglobulin superfamily, member 9	ENST00000198587	0,515790902
A_24_P820037	NM_001010898	SLC6A17	solute carrier family 6, member 17	ENST00000450985	0,51573356
A_23_P105276	NM_003428	ZNF84	zinc finger protein 84	ENST00000543758	0,515695772
A_32_P88635	NM_032264	NBPF3	neuroblastoma breakpoint family, member 3	ENST00000318249	0,515539787
A_23_P114903	NM_002155	HSPA6	heat shock 70kDa protein 6 (HSP70B')	ENST00000545155	0,515509155
A_33_P3377239	NR_026885	LOC100270804	uncharacterized LOC100270804		0,515444504
A_23_P29079	NM_002626	PFKL	phosphofructokinase, liver	ENST00000495274	0,515391315
A_33_P3272429	ENST00000472407	CCDC126	coiled-coil domain containing 126	ENST00000472407	0,515357775
A_21_P0003155	NR_015414	LOC151658	uncharacterized LOC151658	ENST00000464359	0,515074875
A_23_P106798	NM_003031	SIAH1	seven in absentia homolog 1 (Drosophila)	ENST00000356721	0,515021862
A_32_P150086	NR_040113	ANKRD20A5P	ankyrin repeat domain 20 family, member A5, pseudogene		0,514949001
A_21_P0012473	NM_007146	VEZF1	vascular endothelial zinc finger 1	ENST00000258963	0,514894284
A_23_P215534	NM_053043	RBM33	RNA binding motif protein 33	ENST00000307403	0,514863884
A_33_P3642648	NM_006635	ZNF460	zinc finger protein 460	ENST00000360338	0,51486348
A_23_P117928	NM_014952	BAHD1	bromo adjacent homology domain containing 1	ENST00000416165	0,514842936
A_23_P150255	NM_006328	RBM14	RNA binding motif protein 14	ENST00000310137	0,514730642
A_23_P212568	NM_016388	TRAT1	T cell receptor associated transmembrane adaptor 1	ENST00000295756	0,514671169
A_21_P0006658	THC2503064	XLOC_008405			0,514632381
A_23_P335495	NM_001001891	ANO7	anoctamin 7	ENST00000487192	0,514562504
A_33_P3421365	NM_194320	ZNF169	zinc finger protein 169	ENST00000340911	0,514537981
A_23_P116168	NM_032424	KIAA1826	KIAA1826	ENST00000301919	0,514530256
A_23_P255331	NM_032623	C4orf49	chromosome 4 open reading frame 49	ENST00000398955	0,514528736
A_33_P3285764	ENST00000467013	EPHB1	EPH receptor B1	ENST00000467013	0,514523969
A_33_P3209167	AK095564	LOC100131053	uncharacterized LOC100131053		0,514422266
A_33_P3283420	NM_203390	RBM12B	RNA binding motif protein 12B	ENST00000517700	0,514418318
A_23_P101623	NM_022103	ZNF667	zinc finger protein 667	ENST00000360227	0,51441329
A_33_P3373185	NR_024497	LOC399744	uncharacterized LOC399744	ENST00000438516	0,51438243
A_33_P3268403	ENST00000476050	TRAF3IP3	TRAF3 interacting protein 3	ENST00000476050	0,514362797
A_23_P110253	NM_000222	KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene hon	ENST00000288135	0,51428539

A_33_P3302741	ENST00000383091	ZSCAN30	zinc finger and SCAN domain containing 30	ENST00000383091	0,514178937
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,514152221
A_33_P3268310	NM_001205288	LIMS3L	LIM and senescent cell antigen-like domains 3-like	ENST00000303002	0,514135542
A_21_P0013922	XM_002342076	LOC100287437	uncharacterized LOC100287437		0,514110428
A_23_P142671	NM_144631	ZNF513	zinc finger protein 513	ENST00000491924	0,513983504
A_33_P3212799	NR_026997	C22orf34	chromosome 22 open reading frame 34	ENST00000400023	0,513967897
A_33_P3330546	NM_152557	ZNF746	zinc finger protein 746	ENST00000486492	0,513943917
A_33_P3275707	NM_001039569	AP1S3	adaptor-related protein complex 1, sigma 3 subunit		0,513900414
A_23_P54488	NM_015162	ACSBG1	acyl-CoA synthetase bubblegum family member 1	ENST00000541759	0,513616689
A_21_P0011021	NR_024248	LOC650368	asparagine-linked glycosylation 1-like pseudogene	ENST00000526488	0,513546354
A_33_P3308497	NR_026592	BMS1P4	BMS1 pseudogene 4	ENST00000399449	0,513520935
A_33_P3325349	NM_005723	TSPAN5	tetraspanin 5	ENST00000305798	0,513469125
A_21_P0011657	TCONS_I2_0001198	XLOC_I2_006417			0,513254783
A_23_P250813	NM_000553	WRN	Werner syndrome, RecQ helicase-like	ENST00000521620	0,513200695
A_33_P3224380	NM_001098424	DLG1	discs, large homolog 1 (Drosophila)	ENST00000392381	0,513177359
A_23_P18205	NM_015106	RAD54L2	RAD54-like 2 (S. cerevisiae)	ENST00000296477	0,513154901
A_23_P95130	NM_207113	SLC37A3	solute carrier family 37 (glycerol-3-phosphate transporter),	ENST00000473060	0,513154219
A_23_P99853	NM_019600	KIAA1370	KIAA1370	ENST00000546305	0,513145133
A_23_P108221	NM_032037	TSSK6	testis-specific serine kinase 6	ENST00000360913	0,513089485
A_23_P117261	NM_130806	RXFP2	relaxin/insulin-like family peptide receptor 2	ENST00000298386	0,513020898
A_23_P52176	NM_003431	ZNF124	zinc finger protein 124	ENST00000366499	0,512830064
A_21_P0010590	THC2520724	XLOC_I2_000727			0,512661282
A_19_P00321230	NR_026921	LOC202181	chromosome 5 open reading frame 25 pseudogene		0,512584778
A_23_P208208	NM_023074	ZNF649	zinc finger protein 649	ENST00000354957	0,512396888
A_33_P3343800	ENST00000443925	TSSC1	tumor suppressing subtransferable candidate 1	ENST00000443925	0,512349396
A_23_P407132	NM_032531	KIRREL3	kin of IRRE like 3 (Drosophila)	ENST00000526519	0,5122675
A_24_P358868	XM_001720936	ZNF728	zinc finger protein 728		0,51199446
A_23_P115842	NM_018237	CCAR1	cell division cycle and apoptosis regulator 1	ENST00000540210	0,511977784
A_23_P115842	NM_018237	CCAR1	cell division cycle and apoptosis regulator 1	ENST00000540210	0,511965392

A_33_P3422035	ENST00000392217	FXYS5	FXYS domain containing ion transport regulator 5	ENST00000392217	0,511793742
A_21_P0008662	TCONS_00023483	XLOC_011329			0,511789919
A_33_P3330731	ENST00000406335	RHBDD3	rhomoid domain containing 3	ENST00000406335	0,511788692
A_21_P0006551	AK098726	XLOC_008244			0,511732512
A_33_P3274528	NM_001010907	C9orf153	chromosome 9 open reading frame 153	ENST00000376001	0,511647864
A_33_P3465703	BF304636	SNORA60	small nucleolar RNA, H/ACA box 60		0,511569862
A_23_P426944	NM_006194	PAX9	paired box 9	ENST00000543853	0,511561527
A_23_P101461	NM_030818	CCDC130	coiled-coil domain containing 130	ENST00000221554	0,511522643
A_21_P0005276	BC013024	LOC154822	uncharacterized LOC154822		0,511273534
A_21_P0005679	TCONS_00014664	XLOC_006763			0,51127214
A_23_P109636	NM_015541	LRIG1	leucine-rich repeats and immunoglobulin-like domains 1	ENST00000383702	0,511258547
A_21_P0007384	TCONS_00019734	XLOC_009526			0,511165903
A_24_P38572	NM_022917	NOL6	nucleolar protein family 6 (RNA-associated)	ENST00000325914	0,511163592
A_23_P309803	NM_015694	ZNF777	zinc finger protein 777	ENST00000314683	0,511106231
A_32_P26330	NM_005153	USP10	ubiquitin specific peptidase 10	ENST00000540269	0,510990409
A_33_P3809606	AK127576	FLJ45671	uncharacterized LOC400212		0,510983035
A_33_P3393806	ENST00000502860	ATP13A2	ATPase type 13A2	ENST00000502860	0,510920893
A_23_P101461	NM_030818	CCDC130	coiled-coil domain containing 130	ENST00000221554	0,510890765
A_33_P3327663	ENST00000366877	SUSD4	sushi domain containing 4	ENST00000366877	0,510749752
A_19_P00316000	NR_015431	FLJ43663	uncharacterized LOC378805		0,510687088
A_21_P0001283	TCONS_00000890	XLOC_000141			0,510677014
A_21_P0013213	BF105084	XLOC_I2_013442			0,510642688
A_33_P3337272	NM_001004354	NRARP	NOTCH-regulated ankyrin repeat protein	ENST00000356628	0,510620845
A_23_P162918	NM_001085	SERPINA3	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase,	ENST00000555820	0,51055431
A_23_P377664	NM_001135745	ALS2	amyotrophic lateral sclerosis 2 (juvenile)	ENST00000467448	0,510524877
A_33_P3302428	NM_001142640	TNRC6C	trinucleotide repeat containing 6C	ENST00000301624	0,510451602
A_33_P3368193	NM_001011709	PNLIPRP3	pancreatic lipase-related protein 3	ENST00000369230	0,510410699
A_33_P3308706	ENST00000525257	USP47	ubiquitin specific peptidase 47	ENST00000525257	0,510317582
A_21_P0004421	BQ232757	XLOC_004924			0,510294812

A_23_P121222	NM_020165	RAD18	RAD18 homolog (<i>S. cerevisiae</i>)	ENST00000264926	-0,500047872
A_23_P93499	NM_016020	TFB1M	transcription factor B1, mitochondrial	ENST00000495806	-0,500121354
A_33_P3380587	NM_012199	EIF2C1	eukaryotic translation initiation factor 2C, 1	ENST00000373206	-0,500166768
A_33_P3377256	NR_036498	LOC388906	opioid growth factor receptor pseudogene		-0,500221622
A_21_P0008442	TCONS_00022754	XLOC_011036			-0,500235901
A_33_P3312819	NR_028044	IGF2-AS	insulin-like growth factor 2 antisense (non-protein coding)	ENST00000381363	-0,500304381
A_21_P0002444	THC2669550	XLOC_002108			-0,500365587
A_21_P0014218	XR_108901	LOC100507186	uncharacterized LOC100507186		-0,50044505
A_24_P404033	NM_182616	C15orf38	chromosome 15 open reading frame 38	ENST00000460685	-0,500474426
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,500515412
A_33_P3286157	NM_003327	TNFRSF4	tumor necrosis factor receptor superfamily, member 4	ENST00000497869	-0,500678136
A_23_P162211	NM_018050	MANSC1	MANSC domain containing 1	ENST00000535902	-0,500680364
A_21_P0008361	TCONS_00022564	XLOC_010883			-0,500770428
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,500862863
A_23_P62932	NM_001677	ATP1B1	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide	ENST00000367816	-0,50087657
A_23_P11295	NM_001018024	MTCP1NB	mature T-cell proliferation 1 neighbor	ENST00000369479	-0,501022365
A_23_P203540	NM_012153	EHF	ets homologous factor	ENST00000257831	-0,501038447
A_23_P23765	NM_014288	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)	ENST00000283568	-0,501050521
A_33_P3413993	ENST00000405496	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	ENST00000405496	-0,501067547
A_23_P71598	NM_003829	MPDZ	multiple PDZ domain protein	ENST00000319198	-0,501093993
A_23_P97457	NM_022831	AIDA	axin interactor, dorsalization associated	ENST00000355727	-0,501258356
A_23_P10506	NM_014485	HPGDS	hematopoietic prostaglandin D synthase	ENST00000295256	-0,501310618
A_23_P117274	NM_005932	MIPEP	mitochondrial intermediate peptidase	ENST00000382172	-0,501351017
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (<i>C. elegans</i>)	ENST00000216121	-0,501405547
A_33_P3418209	NM_004791	ITGBL1	integrin, beta-like 1 (with EGF-like repeat domains)	ENST00000376162	-0,501499836
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (<i>E. coli</i>)	ENST00000543555	-0,501572953
A_21_P0000812	NR_038458	LOC400604	uncharacterized LOC400604		-0,501703273
A_23_P53081	NM_020896	OSBPL5	oxysterol binding protein-like 5	ENST00000534454	-0,50171737
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,501768364

A_23_P206806	NM_002209	ITGAL	integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1)	ENST00000356798	-0,501781547
A_23_P204736	NM_005276	GPD1	glycerol-3-phosphate dehydrogenase 1 (soluble)	ENST00000301149	-0,501806661
A_33_P3230818	NM_001251973	RCAN2	regulator of calcineurin 2	ENST00000405162	-0,501812482
A_23_P435657	NR_003683	ALMS1P	Alstrom syndrome 1 pseudogene	ENST00000450720	-0,501838862
A_24_P135255	NR_003365	SUGT1P3	suppressor of G2 allele of SKP1 (S. cerevisiae) pseudogene 3	ENST00000304932	-0,501995326
A_23_P115356	NM_003689	AKR7A2	aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)	ENST00000235835	-0,50202057
A_33_P3235321	NM_032872	SYTL1	synaptotagmin-like 1	ENST00000496001	-0,502172821
A_23_P147711	NM_000906	NPR1	natriuretic peptide receptor A/guanylate cyclase A (atrional)	ENST00000428723	-0,502180238
A_23_P71855	NM_001735	C5	complement component 5	ENST00000223642	-0,502289355
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,502319919
A_23_P105619	NM_138341	TMEM116	transmembrane protein 116	ENST00000552801	-0,502449067
A_33_P3396214	NM_172229	KREMEN2	kringle containing transmembrane protein 2	ENST00000303746	-0,502471237
A_23_P76435	NM_176818	GATC	glutamyl-tRNA(Gln) amidotransferase, subunit C homolog (liver)	ENST00000548171	-0,502545566
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,502546934
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,502632648
A_23_P253052	NM_031462	CD99L2	CD99 molecule-like 2	ENST00000355149	-0,50263351
A_33_P3280694	ENST00000334003	PION	pigeon homolog (Drosophila)	ENST00000334003	-0,502704688
A_21_P0003446	TCONS_00007714	XLOC_003872			-0,502719332
A_32_P157481	NM_005236	ERCC4	excision repair cross-complementing rodent repair deficiency and prokaryotic homologue group 4	ENST00000311895	-0,502755918
A_23_P39315	NM_021187	CYP4F11	cytochrome P450, family 4, subfamily F, polypeptide 11	ENST00000326742	-0,50283858
A_23_P210176	NM_000210	ITGA6	integrin, alpha 6	ENST00000264107	-0,502864759
A_23_P78543	NM_005498	AP1M2	adaptor-related protein complex 1, mu 2 subunit	ENST00000250244	-0,503000356
A_33_P3728698	AK127183	FLJ45248	FLJ45248 protein		-0,503037478
A_33_P3333267	NM_001204210	TMEM235	transmembrane protein 235	ENST00000551068	-0,503046231
A_24_P941217	ENST00000321276	SGPP2	sphingosine-1-phosphate phosphatase 2	ENST00000321276	-0,503113855
A_23_P109345	NM_004339	PTTG1IP	pituitary tumor-transforming 1 interacting protein	ENST00000330938	-0,50311674
A_21_P0010889	NR_024397	LOC728190	uncharacterized LOC728190	ENST00000451940	-0,503175131
A_33_P3237775	NM_005693	NR1H3	nuclear receptor subfamily 1, group H, member 3	ENST00000407404	-0,503242942
A_23_P312920	NM_006235	POU2AF1	POU class 2 associating factor 1	ENST00000393067	-0,503247263

A_21_P0011709	TCONS_I2_0001268!	XLOC_I2_006812				-0,503323493
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777		-0,503338086
A_33_P3738458	NM_022648	TNS1	tensin 1	ENST00000171887		-0,503367417
A_21_P0005459	NR_024394	LOC154822	uncharacterized LOC154822			-0,503384559
A_21_P0005496	TCONS_00013799	XLOC_006439				-0,503400724
A_21_P0005092	ENST00000439703	XLOC_005935		ENST00000439703		-0,503424503
A_21_P0007150	ENST00000447864	XLOC_009338		ENST00000447864		-0,503460897
A_21_P0006580	THC2547329	XLOC_008152				-0,503473597
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975		-0,503497568
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627		-0,503681881
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975		-0,503905479
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066		-0,503947242
A_33_P3289865	NM_006226	PLCL1	phospholipase C-like 1	ENST00000437704		-0,503953963
A_19_P00320449	BC038559	LOC100506190	uncharacterized LOC100506190			-0,503965799
A_24_P399888	NM_001002876	CENPM	centromere protein M	ENST00000396437		-0,503991635
A_33_P3311439	NM_001024071	GCH1	GTP cyclohydrolase 1	ENST00000395524		-0,504005141
A_33_P3306823	NM_001077624	ZNF846	zinc finger protein 846	ENST00000397902		-0,504041858
A_23_P19020	NM_005460	SNCAIP	synuclein, alpha interacting protein	ENST00000414317		-0,504226237
A_24_P365975	NM_005202	COL8A2	collagen, type VIII, alpha 2	ENST00000397799		-0,504257816
A_23_P10911	NM_173542	PLBD2	phospholipase B domain containing 2	ENST00000280800		-0,50429413
A_33_P3292840	NM_001003678	C11orf49	chromosome 11 open reading frame 49	ENST00000378618		-0,504353823
A_23_P86900	NM_006876	B3GNT1	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase I	ENST00000311181		-0,50440767
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627		-0,504509636
A_23_P35467	NM_018464	CISD1	CDGSH iron sulfur domain 1	ENST00000464703		-0,504558082
A_33_P3227345	NM_054014	FKBP1A	FK506 binding protein 1A, 12kDa	ENST00000356170		-0,504564835
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122		-0,504610314
A_24_P159948	NM_003224	ARFRP1	ADP-ribosylation factor related protein 1	ENST00000303260		-0,504688228
A_24_P794648	NR_001574	RBMV2EP	RNA binding motif protein, Y-linked, family 2, member E pseudogene	ENST00000444169		-0,504741968
A_21_P0014594	XR_110451	LOC100505820	uncharacterized LOC100505820	ENST00000411906		-0,50474353

A_33_P3240532	NM_015149	RGL1	ral guanine nucleotide dissociation stimulator-like 1	ENST00000367531	-0,504845791
A_23_P32404	NM_002201	ISG20	interferon stimulated exonuclease gene 20kDa	ENST00000546338	-0,504886104
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,504940081
A_23_P62999	NM_004455	EXTL1	exostoses (multiple)-like 1	ENST00000374280	-0,50515495
A_21_P0003102	TCONS_00006442	XLOC_003048			-0,505181632
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,505281535
A_23_P216655	NM_014788	TRIM14	tripartite motif containing 14	ENST00000341469	-0,505386816
A_24_P364807	NM_017839	LPCAT2	lysophosphatidylcholine acyltransferase 2	ENST00000262134	-0,505441205
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,505453399
A_23_P203900	NM_005505	SCARB1	scavenger receptor class B, member 1	ENST00000376788	-0,505476955
A_33_P3265189	NM_001942	DSG1	desmoglein 1		-0,505504692
A_33_P3272563	NM_004808	NMT2	N-myristoyltransferase 2		-0,505544183
A_33_P3390950	AK125852	LOC100128338	uncharacterized LOC100128338		-0,505669095
A_21_P0011950	ENST00000451884	XLOC_I2_008203		ENST00000451884	-0,505669652
A_23_P117274	NM_005932	MIPEP	mitochondrial intermediate peptidase	ENST00000382172	-0,50571207
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,505776704
A_33_P3261173	NM_005479	FRAT1	frequently rearranged in advanced T-cell lymphomas	ENST00000490980	-0,505899524
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,505922104
A_23_P215832	NM_004889	ATP5J2	ATP synthase, H ⁺ transporting, mitochondrial Fo complex, s	ENST00000394186	-0,505927668
A_24_P65121	NM_001040655	TTC23	tetratricopeptide repeat domain 23	ENST00000394130	-0,505955922
A_24_P347378	NM_001629	ALOX5AP	arachidonate 5-lipoxygenase-activating protein	ENST00000380490	-0,506011341
A_21_P0007740	BF674433	XLOC_010152			-0,506096878
A_24_P192262	NM_005402	RALA	v-ral simian leukemia viral oncogene homolog A (ras related)	ENST00000005257	-0,506152876
A_21_P0006646	ENST00000414631	XLOC_008378		ENST00000414631	-0,506226698
A_23_P99661	NM_018071	ARHGEF40	Rho guanine nucleotide exchange factor (GEF) 40	ENST00000553709	-0,506349702
A_21_P0008842	TCONS_00024034	XLOC_011397			-0,506369949
A_21_P0012033	ENST00000416361	XLOC_I2_007644		ENST00000416361	-0,50643039
A_23_P328022	NM_152351	SLC5A10	solute carrier family 5 (sodium/glucose cotransporter), member 10	ENST00000395642	-0,506448686
A_33_P3314659	NM_144722	SPEF2	sperm flagellar 2	ENST00000282469	-0,506515198

A_33_P3326634	NM_001164617	GPC3	glypican 3	ENST00000394299	-0,506524591
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,506554634
A_23_P38427	NM_032932	RAB11FIP4	RAB11 family interacting protein 4 (class II)	ENST00000325874	-0,506600337
A_33_P3413038	NM_001163257	PLXNB3	plexin B3	ENST00000538776	-0,50661442
A_33_P3287502	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000419559	-0,506626582
A_23_P361773	NM_001760	CCND3	cyclin D3	ENST00000414200	-0,506710423
A_23_P132277	NM_006739	MCM5	minichromosome maintenance complex component 5	ENST00000455261	-0,506758646
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,506842862
A_23_P63390	NM_001017986	FCGR1B	Fc fragment of IgG, high affinity Ib, receptor (CD64)	ENST00000444948	-0,506867735
A_21_P0002977	BX106648	XLOC_002707			-0,50692839
A_24_P363278	NM_005906	MAK	male germ cell-associated kinase	ENST00000313243	-0,506949786
A_24_P59111	BC035912	DPP6	dipeptidyl-peptidase 6	ENST00000406326	-0,507011256
A_33_P3294277	NM_000896	CYP4F3	cytochrome P450, family 4, subfamily F, polypeptide 3	ENST00000221307	-0,507173209
A_19_P00321839	ENST00000417957	XLOC_014200		ENST00000417957	-0,507198475
A_33_P3240512	NM_138444	KCTD12	potassium channel tetramerisation domain containing 12	ENST00000377474	-0,507257016
A_21_P0013543	NR_045117	DDX11L10	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11 like 10	ENST00000545636	-0,507283372
A_24_P44462	NM_000366	TPM1	tropomyosin 1 (alpha)	ENST00000317516	-0,507300174
A_23_P65230	NM_032813	TMTC4	transmembrane and tetratricopeptide repeat containing 4	ENST00000342624	-0,507347265
A_23_P133770	NM_138493	CCDC167	coiled-coil domain containing 167	ENST00000373408	-0,507376931
A_21_P0010970	TCONS_I2_0000447	XLOC_I2_002281			-0,507414948
A_32_P137939	NM_001101	ACTB	actin, beta	ENST00000462494	-0,507447272
A_23_P256835	NM_016030	TTC15	tetratricopeptide repeat domain 15	ENST00000437733	-0,507466638
A_21_P0004136	ENST00000515199	XLOC_004859		ENST00000515199	-0,507510113
A_23_P63032	NM_007102	GUCA2B	guanylate cyclase activator 2B (uroguanylin)	ENST00000372581	-0,507681949
A_23_P415395	NM_145208	MBD3L1	methyl-CpG binding domain protein 3-like 1	ENST00000305625	-0,507735099
A_23_P103720	NM_024758	AGMAT	agmatine ureohydrolase (agmatinase)	ENST00000375826	-0,507794176
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENST00000216121	-0,507845343
A_21_P0010894	TCONS_I2_0000369	XLOC_I2_002049			-0,507854522
A_33_P3386429	NM_015571	SENPA6	SUMO1/sentrin specific peptidase 6	ENST00000447266	-0,507867445

A_21_P0014011	XM_003403458	LOC100507419	uncharacterized LOC100507419		-0,50795507
A_33_P3422133	NM_006869	ADAP1	ArfGAP with dual PH domains 1	ENST00000495809	-0,507961871
A_24_P32085	NM_024761	MOB3B	MOB kinase activator 3B	ENST00000262244	-0,507973825
A_23_P115091	NM_020387	RAB25	RAB25, member RAS oncogene family	ENST00000497968	-0,508012325
A_33_P3419165	NM_013342	TFPT	TCF3 (E2A) fusion partner (in childhood Leukemia)	ENST00000391759	-0,508084192
A_21_P0012056	ENST00000436187	XLOC_I2_007884		ENST00000436187	-0,508123085
A_21_P0002615	ENST00000427615	XLOC_001707		ENST00000427615	-0,508181234
A_33_P3369452	NM_152906	C22orf25	chromosome 22 open reading frame 25	ENST00000399807	-0,508382869
A_23_P146233	NM_000237	LPL	lipoprotein lipase	ENST00000311322	-0,508400596
A_21_P0006673	AK094093	XLOC_008465		ENST00000421320	-0,508427363
A_23_P309739	NM_000125	ESR1	estrogen receptor 1	ENST00000206249	-0,508563913
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,508579934
A_21_P0008396	TCONS_00022640	XLOC_010942			-0,508602686
A_21_P0006270	ENST00000377547	XLOC_007698		ENST00000377547	-0,50864251
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,508782386
A_21_P0009452	TCONS_00026275	XLOC_012622			-0,508833642
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,508877187
A_24_P297539	NM_181803	UBE2C	ubiquitin-conjugating enzyme E2C	ENST00000405520	-0,508951147
A_33_P3433873	NM_017975	ZWILCH	Zwilch, kinetochore associated, homolog (Drosophila)	ENST00000446801	-0,509035914
A_23_P259594	NM_016377	AKAP7	A kinase (PRKA) anchor protein 7	ENST00000342266	-0,509123067
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975	-0,509186638
A_23_P117082	NM_015987	HEBP1	heme binding protein 1	ENST00000014930	-0,50920896
A_23_P420293	NM_145013	C11orf45	chromosome 11 open reading frame 45	ENST00000310799	-0,509238483
A_23_P8185	NM_006519	DYNLT1	dynein, light chain, Tctex-type 1	ENST00000367088	-0,509321613
A_21_P0006012	ENST00000445963	XLOC_007370		ENST00000445963	-0,509323703
A_21_P0002923	ENST00000441644	XLOC_003399		ENST00000441644	-0,509413597
A_23_P200222	NM_033300	LRP8	low density lipoprotein receptor-related protein 8, apolipoprotein receptor type 1B-like 8	ENST00000306052	-0,509429742
A_33_P3252834	NM_012396	PHLDA3	pleckstrin homology-like domain, family A, member 3	ENST00000367309	-0,509502324
A_23_P115202	NM_016190	CRNN	cornulin	ENST00000271835	-0,509576146

A_24_P11315	NM_020190	OLFML3	olfactomedin-like 3	ENST00000393300	-0,509610685
A_32_P158355	NM_001015050	ALG1L	asparagine-linked glycosylation 1-like	ENST00000532875	-0,509641565
A_23_P324538	NM_178433	LCE3B	late cornified envelope 3B	ENST00000335633	-0,509661754
A_23_P8571	NM_080744	SRCRB4D	scavenger receptor cysteine rich domain containing, group	ENST00000275560	-0,509676046
A_33_P3271657	NM_001127258	HHIPL1	HHIP-like 1	ENST00000330710	-0,509685497
A_23_P252740	NM_024094	DSCC1	defective in sister chromatid cohesion 1 homolog (S. cerevis)	ENST00000313655	-0,50993759
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,50994106
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,509961786
A_23_P79622	NM_181342	FKBP7	FK506 binding protein 7	ENST00000434643	-0,50996822
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,509973447
A_21_P0006148	TCONS_00015989	XLOC_007368			-0,510014357
A_32_P29954	NR_033387	ADARB2-AS1	ADARB2 antisense RNA 1 (non-protein coding)	ENST00000421697	-0,510059704
A_19_P00801649	XR_132670	LOC100652730	uncharacterized LOC100652730	ENST00000412500	-0,510059781
A_21_P0014724	XR_112814	LOC100507336	uncharacterized LOC100507336		-0,510064568
A_23_P160154	NM_000403	GALE	UDP-galactose-4-epimerase	ENST00000418277	-0,510111195
A_33_P3660204	NR_037895	LOC340073	uncharacterized LOC340073	ENST00000505663	-0,510209152
A_21_P0013600	ENST00000455981	XLOC_I2_015033		ENST00000455981	-0,510323327
A_33_P3414964	BC029496	PTPRS	protein tyrosine phosphatase, receptor type, S		-0,510345078
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,510522891
A_21_P0011493	BC160930	XLOC_I2_005606			-0,510545725
A_21_P0010605	TCONS_I2_0000107	XLOC_I2_000804			-0,510577715
A_23_P117727	NM_139242	MTFMT	mitochondrial methionyl-tRNA formyltransferase	ENST00000220058	-0,510584741
A_23_P47565	NM_005566	LDHA	lactate dehydrogenase A	ENST00000445376	-0,510632541
A_32_P138042	XR_132684	LOC100652805	uncharacterized LOC100652805		-0,510657804
A_23_P74252	NR_023918	LINC00339	long intergenic non-protein coding RNA 339		-0,510672259
A_33_P3222424	NM_000759	CSF3	colony stimulating factor 3 (granulocyte)	ENST00000394148	-0,510733468
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,510758477
A_24_P147461	NM_001031848	SERPINB8	serpin peptidase inhibitor, clade B (ovalbumin), member 8	ENST00000481726	-0,510864826
A_33_P3269208	NM_001001850	STX19	syntaxin 19	ENST00000315099	-0,510907539

A_23_P416711	NM_152996	ST6GALNAC3	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-	ENST00000328299	-0,510999301
A_23_P329870	NM_024599	RHBDF2	rhomboid 5 homolog 2 (Drosophila)	ENST00000313080	-0,511052455
A_19_P00316602	NR_015364	LOC441204	uncharacterized LOC441204		-0,511075227
A_23_P10305	NM_175859	CTPS2	CTP synthase II	ENST00000380207	-0,51113546
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,511158645
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,511255423
A_24_P319613	NM_002497	NEK2	NIMA (never in mitosis gene a)-related kinase 2	ENST00000489633	-0,51130481
A_33_P3417150	NM_002563	P2RY1	purinergic receptor P2Y, G-protein coupled, 1	ENST00000305097	-0,511382177
A_33_P3331916	XR_132736	LOC440132	hCG1815504	ENST00000440633	-0,511523485
A_21_P0002042	ENST00000438736	XLOC_002069		ENST00000438736	-0,511540546
A_21_P0012272	TCONS_I2_0001783	XLOC_I2_009439			-0,511805441
A_23_P168551	NM_001040661	SLC29A4	solute carrier family 29 (nucleoside transporters), member	ENST00000439491	-0,511808026
A_24_P353794	NM_004481	GALNT2	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000485438	-0,511836053
A_33_P3354678	NR_002777	TRIM78P	tripartite motif containing 78, pseudogene		-0,511881162
A_24_P175563	NM_145698	ACBD5	acyl-CoA binding domain containing 5	ENST00000396271	-0,51193989
A_33_P3305250	ENST00000373920	PSMD5	proteasome (prosome, macropain) 26S subunit, non-ATPase	ENST00000373920	-0,511962143
A_23_P114095	NM_015884	MBTPS2	membrane-bound transcription factor peptidase, site 2	ENST00000379484	-0,512099777
A_21_P0010622	TCONS_I2_0000127	XLOC_I2_000941			-0,512140188
A_33_P3297244	NM_139285	GAS2L2	growth arrest-specific 2 like 2	ENST00000359507	-0,512177723
A_33_P3333627	NM_030948	PHACTR1	phosphatase and actin regulator 1	ENST00000406205	-0,512212501
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,512300902
A_21_P0014169	XR_108681	LOC100506828			-0,512323869
A_23_P406350	NM_138431	MFSD3	major facilitator superfamily domain containing 3	ENST00000301327	-0,512424273
A_21_P0008076	TCONS_00021816	XLOC_010416			-0,512448354
A_21_P0000662	NR_036537	LOC100131320	uncharacterized LOC100131320	ENST00000412425	-0,512498458
A_33_P3209476	NM_031443	CCM2	cerebral cavernous malformation 2	ENST00000541586	-0,512509002
A_33_P3420680	NM_006161	NEUROG1	neurogenin 1	ENST00000314744	-0,512548198
A_24_P288298	NM_002255	KIR2DL4	killer cell immunoglobulin-like receptor, two domains, long	ENST00000396293	-0,512558759
A_33_P3416946	NM_018477	ACTR10	actin-related protein 10 homolog (S. cerevisiae)		-0,512563879

A_33_P3376321	NM_020477	ANK1	ankyrin 1, erythrocytic	ENST00000358820	-0,51258171
A_33_P3316983	NM_001195304	BBIP1	BBSome interacting protein 1	ENST00000398289	-0,512646737
A_33_P3265309	NM_001817	CEACAM4	carcinoembryonic antigen-related cell adhesion molecule 4	ENST00000221954	-0,512700428
A_19_P00807743	THC2734315	XLOC_I2_010751			-0,51278562
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,512820076
A_19_P00317965	THC2614488	Q29HP5			-0,512829448
A_23_P149084	NM_000831	GRIK3	glutamate receptor, ionotropic, kainate 3	ENST00000373093	-0,512976637
A_24_P33156	NM_001010982	AFMID	arylformamidase	ENST00000473128	-0,513011883
A_19_P00320749	NR_003367	PVT1			-0,513027955
A_23_P408930	NR_027688	OR7E5P	olfactory receptor, family 7, subfamily E, member 5 pseudogene		-0,513081945
A_23_P96641	NM_001039091	PRPS2	phosphoribosyl pyrophosphate synthetase 2	ENST00000460102	-0,513204589
A_24_P911094	ENST00000376439	RABL2A	RAB, member of RAS oncogene family-like 2A	ENST00000376439	-0,513208649
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,513248583
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENST00000216121	-0,513300256
A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704	-0,513391116
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase 2	ENST00000248975	-0,51341362
A_23_P10305	NM_175859	CTPS2	CTP synthase II	ENST00000380207	-0,513415543
A_21_P0000606	NR_033833	LOC283688	uncharacterized LOC283688		-0,513482653
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,513547492
A_23_P74349	NM_145697	NUF2	NUF2, NDC80 kinetochore complex component, homolog 5	ENST00000271452	-0,513571269
A_23_P90732	NM_001077399	PNKD	paroxysmal nonkinesigenic dyskinesia	ENST00000469689	-0,51365063
A_33_P3282489	NM_001097634	GCNT1	glucosaminyl (N-acetyl) transferase 1, core 2	ENST00000442371	-0,513796
A_21_P0010999	TCONS_I2_0000477	XLOC_I2_002477			-0,513993979
A_21_P0011677	TCONS_I2_0001235	XLOC_I2_006624			-0,514001128
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,514003681
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,514018904
A_33_P3440636	AK091759	LOC286071	uncharacterized LOC286071		-0,51411802
A_23_P116898	NM_000014	A2M	alpha-2-macroglobulin	ENST00000540099	-0,51414718
A_23_P138541	NM_003739	AKR1C3	aldo-keto reductase family 1, member C3 (3-alpha hydroxys	ENST00000439082	-0,514246646

A_33_P3215768	NM_007210	GALNT6	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosyltransferase 6	ENST00000356317	-0,51432251
A_23_P162861	NM_001101320	SERPINE3	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 3)	ENST00000400389	-0,51441136
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,514425398
A_23_P148446	NM_003336	UBE2A	ubiquitin-conjugating enzyme E2A	ENST00000371569	-0,514455432
A_33_P3296240	NM_017738	CNTLN	centlein, centrosomal protein	ENST00000262360	-0,514508054
A_21_P0010469	BQ706985	LOC100144603	uncharacterized transcript		-0,514718343
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,514930888
A_23_P104025	NM_052965	TSEN15	tRNA splicing endonuclease 15 homolog (S. cerevisiae)	ENST00000462677	-0,515067579
A_21_P0007675	TCONS_00020666	XLOC_009969			-0,515091211
A_21_P0005999	ENST00000442260	XLOC_007286		ENST00000442260	-0,515185171
A_23_P203920	NM_005086	SSPN	sarcospan (Kras oncogene-associated gene)	ENST00000422622	-0,515222607
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,515262939
A_21_P0010167	ENST00000411956	XLOC_013966		ENST00000411956	-0,515324864
A_21_P0003318	BC027846	XLOC_003603			-0,515419116
A_33_P3382606	NM_207102	FBXW12	F-box and WD repeat domain containing 12	ENST00000296438	-0,515716659
A_33_P3249072	ENST00000370642	HOGA1	4-hydroxy-2-oxoglutarate aldolase 1	ENST00000370642	-0,515731484
A_23_P52017	NM_018136	ASPM	asp (abnormal spindle) homolog, microcephaly associated (mouse)	ENST00000367408	-0,515736957
A_21_P0014529	XR_110216	LOC100506245	uncharacterized LOC100506245		-0,515779234
A_24_P64126	NM_003909	CPNE3	copine III	ENST00000517490	-0,515803796
A_23_P92441	NM_002358	MAD2L1	MAD2 mitotic arrest deficient-like 1 (yeast)	ENST00000504707	-0,515804442
A_33_P3228305	NM_015071	ARHGAP26	Rho GTPase activating protein 26	ENST00000378004	-0,515875016
A_33_P3297978	NM_004998	MYO1E	myosin IE	ENST00000288235	-0,516056693
A_21_P0000015	NM_001146106	PARP9	poly (ADP-ribose) polymerase family, member 9	ENST00000462315	-0,516266019
A_23_P111311	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12	ENST00000253332	-0,516276067
A_21_P0003448	ENST00000507932	XLOC_003890		ENST00000507932	-0,516308627
A_24_P162979	NM_024933	ANKRD53	ankyrin repeat domain 53	ENST00000272421	-0,516353339
A_19_P00320275	ENST00000498732	XLOC_008079		ENST00000498732	-0,516483599
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,516685282
A_21_P0010829	TCONS_I2_0000305	XLOC_I2_001597			-0,516691943

A_24_P413988	NM_006464	TGOLN2	trans-golgi network protein 2	ENST00000377386	-0,516830723
A_33_P3247858	NM_001166461	MPP1	membrane protein, palmitoylated 1, 55kDa	ENST00000488694	-0,516871917
A_23_P63655	NM_005174	ATP5C1	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, g	ENST00000460820	-0,516961438
A_21_P0012673	NM_015160	PMPCA	peptidase (mitochondrial processing) alpha	ENST00000444897	-0,516988132
A_24_P346762	NM_025182	KIAA1539	KIAA1539	ENST00000479357	-0,517105481
A_23_P370625	NM_020451	SEPN1	selenoprotein N, 1	ENST00000374315	-0,517107996
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,517108539
A_21_P0010535	THC2520127	XLOC_I2_000297			-0,517109187
A_23_P124427	NM_012224	NEK1	NIMA (never in mitosis gene a)-related kinase 1	ENST00000507142	-0,517239683
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,517365812
A_23_P136355	NM_018194	HHAT	hedgehog acyltransferase	ENST00000367010	-0,517387139
A_33_P3339361	NM_199357	ARHGAP11A	Rho GTPase activating protein 11A		-0,517399044
A_23_P18119	NM_016247	IMPG2	interphotoreceptor matrix proteoglycan 2	ENST00000193391	-0,517411839
A_23_P92727	NM_015577	RAI14	retinoic acid induced 14	ENST00000428746	-0,517462122
A_24_P134392	NM_006948	HSPA13	heat shock protein 70kDa family, member 13	ENST00000285667	-0,517528292
A_23_P338479	NM_014143	CD274	CD274 molecule	ENST00000381577	-0,517710936
A_23_P124417	NM_004336	BUB1	budding uninhibited by benzimidazoles 1 homolog (yeast)	ENST00000302759	-0,51771469
A_21_P0008704	TCONS_00023572	XLOC_011396			-0,517759019
A_23_P122937	NM_014800	ELMO1	engulfment and cell motility 1	ENST00000396040	-0,517767605
A_21_P0003233	TCONS_00006866	XLOC_002675			-0,517852706
A_21_P0011789	TCONS_I2_0001343	XLOC_I2_007176			-0,517965199
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,517981855
A_33_P3284463	NM_177924	ASAH1	N-acylsphingosine amidohydrolase (acid ceramidase) 1	ENST00000417108	-0,518008845
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENST00000216121	-0,518122534
A_21_P0013652	TCONS_I2_0002934	XLOC_I2_015213			-0,518189531
A_33_P3420224	NM_001033113	ENTPD8	ectonucleoside triphosphate diphosphohydrolase 8	ENST00000461823	-0,518191876
A_21_P0014119	ENST00000474250	LOC100507239		ENST00000474250	-0,518238385
A_21_P0005021	NR_038989	LOC100507584	uncharacterized LOC100507584	ENST00000506222	-0,518250329
A_23_P111701	NM_004126	GNG11	guanine nucleotide binding protein (G protein), gamma 11	ENST00000248564	-0,518291094

A_23_P30050	NM_006345	SLC30A9	solute carrier family 30 (zinc transporter), member 9	ENST00000264451	-0,518335208
A_19_P00320614	NR_033852	LOC283177	uncharacterized LOC283177	ENST00000532886	-0,518361839
A_21_P0011730	TCONS_I2_0001294:XLOC_I2_006973				-0,518462946
A_19_P00317412	NR_038842	LOC728431	uncharacterized LOC728431	ENST00000424989	-0,518531381
A_33_P3362143	NR_026962	TTC28-AS1	TTC28 antisense RNA 1 (non-protein coding)		-0,518539378
A_33_P3241831	NM_005462	MAGEC1	melanoma antigen family C, 1	ENST00000370511	-0,518541324
A_19_P00319553	ENST00000424786	XLOC_002612		ENST00000424786	-0,518613802
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,518617732
A_23_P30243	NM_022350	ERAP2	endoplasmic reticulum aminopeptidase 2	ENST00000379904	-0,518661353
A_21_P0010057	TCONS_00028441	XLOC_013792			-0,518674396
A_21_P0012964	ENST00000504512	XLOC_I2_011854		ENST00000504512	-0,51872669
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,518783798
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,51885528
A_23_P14458	NM_144581	C14orf149	chromosome 14 open reading frame 149	ENST00000247194	-0,518892172
A_23_P155979	NM_001963	EGF	epidermal growth factor	ENST00000544918	-0,518917805
A_23_P321703	NM_004049	BCL2A1	BCL2-related protein A1	ENST00000485386	-0,518960005
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,518982323
A_33_P3386965	NM_145167	PIGM	phosphatidylinositol glycan anchor biosynthesis, class M	ENST00000368090	-0,519018761
A_33_P3389942	NM_017838	NHP2	NHP2 ribonucleoprotein homolog (yeast)	ENST00000274606	-0,519057129
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,519083179
A_24_P304723	NM_000942	PPIB	peptidylprolyl isomerase B (cyclophilin B)	ENST00000300026	-0,519134107
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,519207606
A_33_P3262977	NM_001079858	GPR64	G protein-coupled receptor 64	ENST00000397917	-0,519216794
A_23_P23765	NM_014288	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)	ENST00000283568	-0,519220482
A_33_P3362353	ENST00000377039	ARAF	v-raf murine sarcoma 3611 viral oncogene homolog	ENST00000377039	-0,519239721
A_33_P3334443	NM_001252271	FAM69A	family with sequence similarity 69, member A	ENST00000370310	-0,51927113
A_21_P0014472	XR_109972	SOS1-IT1	SOS1 intronic transcript 1 (non-protein coding)		-0,519393128
A_23_P315589	NM_015264	KIAA0930	KIAA0930	ENST00000488038	-0,519405132
A_33_P3260373	NM_001204890	ISY1-RAB43	ISY1-RAB43 readthrough	ENST00000315150	-0,519456784

A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,519490142
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,51953879
A_23_P151075	NM_001175	ARHGDI1B	Rho GDP dissociation inhibitor (GDI) beta	ENST00000228945	-0,519604523
A_23_P122068	NM_181435	C1QTNF3	C1q and tumor necrosis factor related protein 3	ENST00000513471	-0,519631437
A_33_P3410724	NM_003001	SDHC	succinate dehydrogenase complex, subunit C, integral mem	ENST00000513700	-0,519676075
A_23_P2492	NM_001734	C1S	complement component 1, s subcomponent	ENST00000360817	-0,519689474
A_23_P336565	NM_001145268	FAM185A	family with sequence similarity 185, member A	ENST00000413034	-0,519720719
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,51975595
A_21_P0009740	TCONS_00027198	XLOC_013238			-0,519812362
A_32_P213661	NM_144974	CCDC122	coiled-coil domain containing 122	ENST00000470137	-0,51986557
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,519919908
A_19_P00317173	THC2524841	XLOC_I2_010723			-0,519954315
A_23_P255057	NM_017945	SLC35A5	solute carrier family 35, member A5	ENST00000460713	-0,519970924
A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125	-0,520111125
A_21_P0006733	ENST00000457632	XLOC_008721		ENST00000457632	-0,52016445
A_21_P0011578	ENST00000399211	XLOC_I2_006021		ENST00000399211	-0,520191663
A_23_P361569	NM_025181	SLC35F5	solute carrier family 35, member F5	ENST00000245680	-0,520402168
A_32_P206698	NM_001826	CKS1B	CDC28 protein kinase regulatory subunit 1B	ENST00000308987	-0,520406585
A_23_P11697	NM_145205	HMGB4	high mobility group box 4	ENST00000522796	-0,52047348
A_21_P0012102	ENST00000417006	XLOC_I2_008405		ENST00000417006	-0,52058009
A_24_P286054	NM_001105251	ZFYVE16	zinc finger, FYVE domain containing 16	ENST00000512907	-0,520722408
A_23_P52806	NM_012104	BACE1	beta-site APP-cleaving enzyme 1	ENST00000313005	-0,520723552
A_23_P146644	NM_001002857	ANXA2	annexin A2	ENST00000421017	-0,520883887
A_33_P3618561	BC034282	LOC730961	uncharacterized LOC730961		-0,52088503
A_23_P429560	NM_018984	SSH1	slingshot homolog 1 (Drosophila)	ENST00000546433	-0,520966819
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,521080652
A_21_P0007385	TCONS_00019735	XLOC_009527			-0,521144659
A_23_P212400	NM_012191	NAT6	N-acetyltransferase 6 (GCN5-related)	ENST00000443842	-0,521263217
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,521279168

A_33_P3316683	NM_152897	SNX21	sorting nexin family member 21	ENST00000466252	-0,521353084
A_33_P3352307	NM_002953	RPS6KA1	ribosomal protein S6 kinase, 90kDa, polypeptide 1	ENST00000530305	-0,521363042
A_23_P256107	NM_006665	HPSE	heparanase	ENST00000507150	-0,521417241
A_24_P130363	NM_181482	C18orf1	chromosome 18 open reading frame 1	ENST00000359446	-0,521496983
A_33_P3396891	NM_021732	AVPI1	arginine vasopressin-induced 1	ENST00000370626	-0,521632119
A_23_P348749	NM_145025	AKD1	adenylate kinase domain containing 1	ENST00000285397	-0,521656187
A_33_P3242543	NM_000240	MAOA	monoamine oxidase A	ENST00000338702	-0,521726089
A_23_P250644	NM_080656	CDKN2AIPNL	CDKN2A interacting protein N-terminal like	ENST00000458198	-0,521874937
A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704	-0,522084292
A_33_P3315949	NM_213607	CCDC103	coiled-coil domain containing 103	ENST00000410006	-0,52209195
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,522251499
A_23_P111361	NM_173672	PPIL6	peptidylprolyl isomerase (cyclophilin)-like 6	ENST00000521072	-0,522538744
A_23_P52031	NM_002633	PGM1	phosphoglucomutase 1	ENST00000538673	-0,522616458
A_23_P161615	NM_002689	POLA2	polymerase (DNA directed), alpha 2 (70kD subunit)	ENST00000541089	-0,522739803
A_33_P3214665	NM_002374	MAP2	microtubule-associated protein 2	ENST00000360351	-0,522772305
A_33_P3245278	NM_002841	PTPRG	protein tyrosine phosphatase, receptor type, G	ENST00000474889	-0,5228038
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,522941606
A_23_P205584	NM_016475	JKAMP	JNK1/MAPK8-associated membrane protein		-0,52300465
A_33_P3370787	NM_004442	EPHB2	EPH receptor B2	ENST00000374625	-0,523056279
A_23_P115407	NM_146421	GSTM1	glutathione S-transferase mu 1	ENST00000489913	-0,523057234
A_19_P00808794	TCONS_I2_0001484; XLOC_I2_008221				-0,523157069
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,523202723
A_33_P3321836	NM_012401	PLXNB2	plexin B2	ENST00000399964	-0,523322953
A_33_P3238250	NM_016946	F11R	F11 receptor	ENST00000335772	-0,523405561
A_21_P0009712	BC034565	XLOC_013043			-0,523460457
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,523462602
A_21_P0006785	ENST00000429420	XLOC_008919		ENST00000429420	-0,523500066
A_33_P3385785	NM_005621	S100A12	S100 calcium binding protein A12	ENST00000368736	-0,523500749
A_21_P0009415	TCONS_00026158	XLOC_012572			-0,523628648

A_33_P3224946	XR_108603	FLJ46010	FLJ46010 protein		-0,523641969
A_23_P54968	NM_018414	ST6GALNAC1	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-	ENST00000156626	-0,52366381
A_21_P0009734	BC063630	XLOC_013194			-0,523740675
A_23_P169576	NM_019053	EXOC6	exocyst complex component 6	ENST00000260762	-0,523798565
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,523929587
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,524053464
A_33_P3386765	NM_015407	ABHD14A	abhydrolase domain containing 14A	ENST00000273596	-0,524071415
A_33_P3483634	NR_027108	LOC285593	uncharacterized LOC285593	ENST00000517299	-0,52412798
A_33_P3337144	NM_001033723	ZNF704	zinc finger protein 704	ENST00000327835	-0,524170344
A_23_P51690	NM_020407	RHBG	Rh family, B glycoprotein (gene/pseudogene)	ENST00000466013	-0,524211616
A_32_P40596	NM_001204269	KCNA2	potassium voltage-gated channel, shaker-related subfamily,	ENST00000369770	-0,524296664
A_32_P55241	NM_001007538	SHISA2	shisa homolog 2 (<i>Xenopus laevis</i>)	ENST00000319420	-0,524299449
A_33_P3312119	NM_001195032	C6orf99	chromosome 6 open reading frame 99	ENST00000367072	-0,524314751
A_21_P0012157	AL929474	XLOC_I2_008692			-0,524362627
A_19_P00316238	NM_001145454	STMN1	stathmin 1	ENST00000513116	-0,524384317
A_19_P00802450	TCONS_I2_0002906	XLOC_I2_015037			-0,524531604
A_23_P7873	NM_002388	MCM3	minichromosome maintenance complex component 3	ENST00000340349	-0,524552437
A_23_P111701	NM_004126	GNG11	guanine nucleotide binding protein (G protein), gamma 11	ENST00000248564	-0,524615774
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,5246301
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,524654325
A_23_P116898	NM_000014	A2M	alpha-2-macroglobulin	ENST00000540099	-0,524988303
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,525004512
A_33_P3304268	AK096549	LOC643327	uncharacterized LOC643327		-0,525038672
A_23_P47704	NM_003355	UCP2	uncoupling protein 2 (mitochondrial, proton carrier)	ENST00000310473	-0,525102559
A_23_P343398	NM_001838	CCR7	chemokine (C-C motif) receptor 7	ENST00000246657	-0,525270217
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,52528795
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,525289566
A_24_P370471	NM_031482	ATG10	ATG10 autophagy related 10 homolog (<i>S. cerevisiae</i>)	ENST00000504770	-0,525290619
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,525354071

A_21_P0009728	TCONS_00027083	XLOC_013124				-0,52541997
A_23_P128855	NM_014579	SLC39A2	solute carrier family 39 (zinc transporter), member 2	ENST00000298681		-0,525447258
A_24_P253003	NM_004626	WNT11	wingless-type MMTV integration site family, member 11	ENST00000447195		-0,525513211
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627		-0,525696115
A_21_P0011545	TCONS_I2_0001078	XLOC_I2_005793				-0,525735128
A_21_P0010571	DQ983818	C1orf81	chromosome 1 open reading frame 81			-0,525753215
A_21_P0007684	TCONS_00020694	XLOC_009994				-0,525762046
A_21_P0010606	DB520278	XLOC_I2_000864				-0,525886378
A_24_P176714	NM_015681	B9D1	B9 protein domain 1	ENST00000477478		-0,525905323
A_32_P473302	NR_015375	FLJ35024	uncharacterized LOC401491			-0,525915719
A_21_P0012990	ENST00000507733	XLOC_I2_012071		ENST00000507733		-0,52608649
A_23_P106874	NM_031293	PMFBP1	polyamine modulated factor 1 binding protein 1	ENST00000379073		-0,526114644
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145		-0,526151465
A_23_P413796	NM_138443	HAUS1	HAUS augmin-like complex, subunit 1	ENST00000282058		-0,526229804
A_33_P3418992	AK123791	LOC645769	uncharacterized LOC645769			-0,526413025
A_21_P0009799	TCONS_00027655	XLOC_013195				-0,526490284
A_24_P355649	NM_002017	FLI1	Friend leukemia virus integration 1	ENST00000528790		-0,526558081
A_19_P00322371	BC038559	LOC100506190	uncharacterized LOC100506190			-0,526600853
A_32_P181222	NM_002247	KCNMA1	potassium large conductance calcium-activated channel, su	ENST00000412708		-0,526841733
A_33_P3327921	NM_012249	RHOQ	ras homolog gene family, member Q			-0,526845893
A_21_P0012364	TCONS_I2_0001843	XLOC_I2_009613				-0,526877963
A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704		-0,526908257
A_23_P397238	NM_054014	FKBP1A	FK506 binding protein 1A, 12kDa	ENST00000381715		-0,526988048
A_33_P3313779	NM_207311	CCDC64	coiled-coil domain containing 64	ENST00000397558		-0,526991008
A_24_P251381	NM_024782	NHEJ1	nonhomologous end-joining factor 1	ENST00000318673		-0,527030272
A_33_P3248354	NM_006334	OLFM1	olfactomedin 1	ENST00000392991		-0,527036914
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114		-0,527096293
A_23_P124733	NM_015697	COQ2	coenzyme Q2 homolog, prenyltransferase (yeast)	ENST00000311461		-0,527124966
A_21_P0014912	XR_133002	LOC100653221	uncharacterized LOC100653221			-0,527173541

A_33_P3230254	NM_022346	NCAPG	non-SMC condensin I complex, subunit G	ENST00000251496	-0,527203773
A_19_P00321303	BC038559	LOC100506190	uncharacterized LOC100506190		-0,527320621
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000492183	-0,52743157
A_23_P122937	NM_014800	ELMO1	engulfment and cell motility 1	ENST00000396040	-0,527687436
A_23_P116898	NM_000014	A2M	alpha-2-macroglobulin	ENST00000540099	-0,527688199
A_23_P39799	NM_032603	LOXL3	lysyl oxidase-like 3	ENST00000409549	-0,527712841
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,527722361
A_23_P70794	NM_016277	RAB23	RAB23, member RAS oncogene family	ENST00000317483	-0,527846109
A_21_P0006399	TCONS_00016507	XLOC_007895			-0,527853774
A_23_P14174	NM_006573	TNFSF13B	tumor necrosis factor (ligand) superfamily, member 13b	ENST00000486502	-0,527920407
A_21_P0007885	NR_038383	LOC643770	uncharacterized LOC643770	ENST00000549004	-0,527966328
A_21_P0012004	BC033059	FLJ16124	FLJ16124 protein		-0,528055432
A_23_P149476	NM_032328	EFCAB2	EF-hand calcium binding domain 2	ENST00000447569	-0,528060882
A_23_P122937	NM_014800	ELMO1	engulfment and cell motility 1	ENST00000396040	-0,5280743
A_21_P0006135	TCONS_00015940	XLOC_007308			-0,528086145
A_33_P3862375	NM_001080481	USP45	ubiquitin specific peptidase 45	ENST00000539675	-0,528145285
A_21_P0013354	NR_027789	ZNF767	zinc finger family member 767	ENST00000472212	-0,528160909
A_24_P154142	NM_181885	RXFP4	relaxin/insulin-like family peptide receptor 4	ENST00000368318	-0,528177445
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,528268905
A_23_P330262	NM_012398	PIP5K1C	phosphatidylinositol-4-phosphate 5-kinase, type I, gamma	ENST00000335312	-0,528344643
A_23_P414958	NM_005761	PLXNC1	plexin C1	ENST00000549217	-0,528346601
A_23_P100127	NM_170589	CASC5	cancer susceptibility candidate 5	ENST00000260369	-0,528387488
A_33_P3310274	ENST00000420582	LGR6	leucine-rich repeat containing G protein-coupled receptor 6	ENST00000420582	-0,528536819
A_23_P115726	NM_194298	SLC16A9	solute carrier family 16, member 9 (monocarboxylic acid tra	ENST00000395348	-0,528576987
A_23_P113111	NM_000044	AR	androgen receptor	ENST00000544984	-0,528618707
A_21_P0000574	NM_001047	SRD5A1	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alp	ENST00000274192	-0,528644661
A_21_P0010215	ENST00000424921	XLOC_014110		ENST00000424921	-0,528652301
A_23_P131375	NM_152391	PQLC3	PQ loop repeat containing 3	ENST00000295083	-0,528694335
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase a	ENST00000248975	-0,528716057

A_33_P3261737	NM_005660	SLC35A2	solute carrier family 35 (UDP-galactose transporter), memb	ENST00000376512	-0,52872542
A_33_P3287477	NM_001010912	C10orf120	chromosome 10 open reading frame 120	ENST00000432000	-0,528732276
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,528811003
A_23_P163955	NM_007169	PEMT	phosphatidylethanolamine N-methyltransferase	ENST00000472446	-0,52885699
A_23_P170352	NM_002949	MRPL12	mitochondrial ribosomal protein L12	ENST00000333676	-0,528878352
A_24_P81900	NM_006931	SLC2A3	solute carrier family 2 (facilitated glucose transporter), men	ENST00000486749	-0,528879666
A_32_P107617	NM_003019	SFTPD	surfactant protein D	ENST00000372292	-0,528915956
A_23_P423331	NM_032536	NTNG2	netrin G2	ENST00000360670	-0,52901501
A_33_P3247644	NM_152793	C7orf41	chromosome 7 open reading frame 41	ENST00000324489	-0,529047622
A_23_P207879	NM_024110	CARD14	caspase recruitment domain family, member 14	ENST00000344227	-0,52918895
A_21_P0003118	TCONS_00006511	XLOC_003125			-0,529204106
A_23_P116898	NM_000014	A2M	alpha-2-macroglobulin	ENST00000540099	-0,529253298
A_23_P82047	NM_001127715	STXBP5	syntaxin binding protein 5 (tomosyn)	ENST00000367479	-0,529282779
A_21_P0012076	ENST00000445083	XLOC_I2_008190		ENST00000445083	-0,529339656
A_23_P17844	NM_002854	PVALB	parvalbumin	ENST00000404171	-0,529388306
A_33_P3218872	NM_152396	METTL6	methyltransferase like 6		-0,529421341
A_32_P149298	NM_001129993	KIAA1841	KIAA1841	ENST00000453873	-0,529458712
A_23_P103070	NM_003405	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase α	ENST00000248975	-0,529512253
A_33_P3231267	BC041894	LOC257396	uncharacterized LOC257396		-0,529561076
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,529659545
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,529692879
A_23_P202071	NM_001025077	CELF2	CUGBP, Elav-like family member 2	ENST00000354440	-0,529759447
A_21_P0001514	THC2695938	XLOC_000852			-0,529769869
A_23_P127978	NM_138706	B3GNT6	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfer	ENST00000354301	-0,529771488
A_23_P416581	NM_002073	GNAZ	guanine nucleotide binding protein (G protein), alpha ζ poly	ENST00000248996	-0,529819677
A_33_P3576574	NR_033889	LOC440131	uncharacterized LOC440131	ENST00000400540	-0,529827741
A_23_P202245	NM_020975	RET	ret proto-oncogene	ENST00000355710	-0,529841923
A_21_P0004722	AK126470	XLOC_005592			-0,529848518
A_23_P155052	NM_030641	APOL6	apolipoprotein L, 6	ENST00000409652	-0,529987119

A_21_P0014565	XR_110322	LOC100507484	uncharacterized LOC100507484	ENST00000552060	-0,530007747
A_23_P34644	NM_004001	FCGR2B	Fc fragment of IgG, low affinity IIb, receptor (CD32)	ENST00000236937	-0,530032874
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,53012445
A_23_P58953	NM_000904	NQO2	NAD(P)H dehydrogenase, quinone 2	ENST00000426637	-0,530135388
A_33_P3218980	NM_001776	ENTPD1	ectonucleoside triphosphate diphosphohydrolase 1	ENST00000371203	-0,530157393
A_32_P110472	NM_203395	IYD	iodotyrosine deiodinase	ENST00000229447	-0,530165595
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,530184327
A_23_P256948	NM_005098	MSC	musculin	ENST00000325509	-0,530234585
A_23_P87560	NM_001731	BTG1	B-cell translocation gene 1, anti-proliferative	ENST00000256015	-0,530235764
A_33_P3410459	NM_001204255	SCARB2	scavenger receptor class B, member 2	ENST00000264896	-0,530244189
A_23_P113825	NM_144653	NACC2	NACC family member 2, BEN and BTB (POZ) domain contain	ENST00000277554	-0,530323775
A_21_P0008878	BC039386	XLOC_011881			-0,530376423
A_23_P123228	NM_000111	SLC26A3	solute carrier family 26, member 3	ENST00000340010	-0,530456385
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,530536719
A_23_P215720	NM_000492	CFTR	cystic fibrosis transmembrane conductance regulator (ATP-	ENST00000003084	-0,530553737
A_24_P53282	NM_001304	CPD	carboxypeptidase D	ENST00000225719	-0,530574371
A_33_P3415216	NM_002437	MPV17	MpV17 mitochondrial inner membrane protein	ENST00000426513	-0,530593574
A_23_P200489	NM_014698	TMEM63A	transmembrane protein 63A	ENST00000366835	-0,530605249
A_23_P401472	NM_000740	CHRM3	cholinergic receptor, muscarinic 3	ENST00000255380	-0,530676949
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,530749076
A_21_P0002907	ENST00000441185	XLOC_003327		ENST00000441185	-0,530872918
A_21_P0004139	ENST00000479830	XLOC_004861		ENST00000479830	-0,530949618
A_23_P111000	NM_002800	PSMB9	proteasome (prosome, macropain) subunit, beta type, 9 (la	ENST00000413480	-0,531055106
A_23_P26325	NM_002987	CCL17	chemokine (C-C motif) ligand 17	ENST00000219244	-0,531207897
A_23_P128817	NM_004563	PCK2	phosphoenolpyruvate carboxykinase 2 (mitochondrial)	ENST00000545054	-0,531223718
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,531316449
A_23_P45087	NM_016220	ZNF107	zinc finger protein 107	ENST00000423627	-0,531323948
A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704	-0,531348796
A_23_P117662	NM_002112	HDC	histidine decarboxylase	ENST00000267845	-0,531432031

A_23_P116898	NM_000014	A2M	alpha-2-macroglobulin	ENST00000540099	-0,531478231
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,531499045
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,531503054
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,531544009
A_23_P156826	NM_032744	C6orf105	chromosome 6 open reading frame 105	ENST00000514824	-0,531546412
A_33_P3253596	NM_012310	KIF4A	kinesin family member 4A	ENST00000374388	-0,531682362
A_21_P0007548	TCONS_00020396	XLOC_009725			-0,531815605
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,531822172
A_33_P3368750	NM_001104554	PAQR5	progesterin and adipoQ receptor family member V	ENST00000340965	-0,531933783
A_23_P134714	NM_005836	HRSP12	heat-responsive protein 12	ENST00000522791	-0,531993047
A_23_P116898	NM_000014	A2M	alpha-2-macroglobulin	ENST00000540099	-0,532060558
A_33_P3283713	NM_015407	ABHD14A	abhydrolase domain containing 14A	ENST00000360889	-0,532134665
A_24_P366526	BC105992	SYNGR2	synaptogyrin 2		-0,532174955
A_23_P407614	NM_152901	PYDC1	PYD (pyrin domain) containing 1	ENST00000302964	-0,532180863
A_23_P146456	NM_001333	CTSL2	cathepsin L2	ENST00000259470	-0,532205694
A_21_P0008700	BC117365	LOC145757	uncharacterized LOC145757		-0,53220861
A_24_P257971	NM_005094	SLC27A4	solute carrier family 27 (fatty acid transporter), member 4	ENST00000372870	-0,53222412
A_23_P122937	NM_014800	ELMO1	engulfment and cell motility 1	ENST00000396040	-0,532300605
A_33_P3263867	NM_002562	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7	ENST00000328963	-0,532384774
A_23_P168847	NM_172366	FBXO16	F-box protein 16	ENST00000522609	-0,532499532
A_24_P147765	NM_024955	FOXRED2	FAD-dependent oxidoreductase domain containing 2	ENST00000216187	-0,532562585
A_23_P116898	NM_000014	A2M	alpha-2-macroglobulin	ENST00000540099	-0,532576347
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,532637703
A_23_P8961	NM_000880	IL7	interleukin 7	ENST00000518982	-0,53274243
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,532797786
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,532808753
A_21_P0006221	TCONS_00016147	XLOC_007543			-0,532830488
A_23_P319583	NM_014747	RIMS3	regulating synaptic membrane exocytosis 3	ENST00000372684	-0,532859981
A_24_P117029	NM_000527	LDLR	low density lipoprotein receptor	ENST00000252444	-0,532897204

A_32_P352358	NM_001040071	LOC650293	seven transmembrane helix receptor		-0,532929902
A_21_P0008528	TCONS_00023071	XLOC_010971			-0,53294116
A_23_P145238	NM_080593	HIST1H2BK	histone cluster 1, H2bk	ENST00000396891	-0,532968023
A_24_P141736	NM_006838	METAP2	methionyl aminopeptidase 2	ENST00000323666	-0,532971319
A_23_P211080	NM_207585	IFNAR2	interferon (alpha, beta and omega) receptor 2	ENST00000382241	-0,533049371
A_33_P3356995	AB209324	ARFGEF1	ADP-ribosylation factor guanine nucleotide-exchange factor	ENST00000520381	-0,533126095
A_23_P94319	NM_014867	KBTBD11	kelch repeat and BTB (POZ) domain containing 11	ENST00000320248	-0,533174408
A_21_P0011966	NR_026758	LOC440905	uncharacterized LOC440905	ENST00000428123	-0,533241327
A_23_P117274	NM_005932	MIPEP	mitochondrial intermediate peptidase	ENST00000382172	-0,533321916
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,533342274
A_24_P309645	NM_017901	TPCN1	two pore segment channel 1	ENST00000551127	-0,533414567
A_23_P342000	NM_144770	RBM11	RNA binding motif protein 11	ENST00000468643	-0,533678583
A_23_P135769	NM_001101	ACTB	actin, beta	ENST00000445914	-0,533695481
A_24_P343233	NM_002124	HLA-DRB1	major histocompatibility complex, class II, DR beta 1	ENST00000549627	-0,533782822
A_23_P64888	NM_023921	TAS2R10	taste receptor, type 2, member 10	ENST00000240619	-0,533825835
A_21_P0002866	ENST00000484675	XLOC_003190		ENST00000484675	-0,533873812
A_23_P44781	NM_017774	CDKAL1	CDK5 regulatory subunit associated protein 1-like 1	ENST00000378624	-0,53388263
A_21_P0004325	TCONS_00010162	XLOC_004625			-0,533933496
A_33_P3245439	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,533986893
A_33_P3290909	NM_006306	SMC1A	structural maintenance of chromosomes 1A	ENST00000322213	-0,534058092
A_23_P434398	NM_153235	TXLNB	taxilin beta	ENST00000358430	-0,534068846
A_23_P250122	NM_020223	FAM20C	family with sequence similarity 20, member C	ENST00000313766	-0,534098973
A_23_P69154	NM_001129908	FAM198A	family with sequence similarity 198, member A	ENST00000430121	-0,534138253
A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704	-0,534164253
A_32_P95739	NM_000365	TPI1	triosephosphate isomerase 1	ENST00000535434	-0,534214262
A_21_P0004914	TCONS_00011908	XLOC_005409			-0,534326344
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,534381002
A_24_P307626	NM_144699	ATP1A4	ATPase, Na ⁺ /K ⁺ transporting, alpha 4 polypeptide	ENST00000477338	-0,534389505
A_33_P3420416	NM_002308	LGALS9	lectin, galactoside-binding, soluble, 9	ENST00000448970	-0,534515397

A_23_P321354	NM_144649	TMEM71	transmembrane protein 71	ENST00000356838	-0,534571772
A_33_P3367251	NM_001114395	CNTLN	centlein, centrosomal protein		-0,534691066
A_21_P0003645	TCONS_00008213	XLOC_003674			-0,5347455
A_33_P3575529	AF309699	OR5E1P	olfactory receptor, family 5, subfamily E, member 1 pseudogene		-0,534793921
A_23_P119337	NM_012068	ATF5	activating transcription factor 5	ENST00000423777	-0,534821169
A_33_P3216694	NM_024503	HIVEP3	human immunodeficiency virus type I enhancer binding pro	ENST00000247584	-0,534821384
A_19_P00322611	ENST00000523831	XLOC_006883		ENST00000523831	-0,53483759
A_33_P3382177	NM_003255	TIMP2	TIMP metalloproteinase inhibitor 2	ENST00000262768	-0,53488757
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,535015967
A_24_P350622	NM_002255	KIR2DL4	killer cell immunoglobulin-like receptor, two domains, long	ENST00000400852	-0,535050343
A_23_P91140	NM_018441	PECR	peroxisomal trans-2-enoyl-CoA reductase	ENST00000461330	-0,535059979
A_33_P3390335	NM_012425	RSU1	Ras suppressor protein 1	ENST00000377921	-0,535112653
A_23_P63289	NM_014188	SSU72	SSU72 RNA polymerase II CTD phosphatase homolog (S. cer	ENST00000378726	-0,535163359
A_21_P0012568	NM_030930	UNC93B1	unc-93 homolog B1 (C. elegans)	ENST00000525262	-0,535174694
A_23_P142750	NM_002759	EIF2AK2	eukaryotic translation initiation factor 2-alpha kinase 2	ENST00000395127	-0,535437866
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,535443481
A_24_P388528	NM_173216	ST6GAL1	ST6 beta-galactosamide alpha-2,6-sialyltransferase 1	ENST00000470633	-0,535461225
A_23_P201596	NM_004037	AMPD2	adenosine monophosphate deaminase 2	ENST00000528958	-0,535476305
A_21_P0014313	XR_109244	LOC100507378	uncharacterized LOC100507378		-0,535478805
A_33_P3231613	NM_001129828	CSAG3	CSAG family, member 3	ENST00000356911	-0,535582823
A_21_P0006842	TCONS_00018138	XLOC_008413			-0,535589265
A_24_P372217	NM_007175	ERLIN2	ER lipid raft associated 2	ENST00000276461	-0,535622936
A_23_P2745	NM_006783	GJB6	gap junction protein, beta 6, 30kDa	ENST00000356192	-0,53564172
A_23_P100127	NM_170589	CASC5	cancer susceptibility candidate 5	ENST00000260369	-0,535680005
A_23_P503182	NM_021962	ABR	active BCR-related gene	ENST00000291107	-0,535743759
A_24_P126139	NM_016370	RAB9B	RAB9B, member RAS oncogene family	ENST00000243298	-0,535766085
A_33_P3361546	NM_001032280	TFAP2A	transcription factor AP-2 alpha (activating enhancer binding	ENST00000379604	-0,53594022
A_23_P117873	NM_012125	CHRM5	cholinergic receptor, muscarinic 5	ENST00000383263	-0,536065373
A_24_P396375	NM_001113347	ECE1	endothelin converting enzyme 1	ENST00000415912	-0,536132475

A_19_P00316745	BC038559	LOC100506190	uncharacterized LOC100506190		-0,53618046
A_32_P162374	NM_173529	C18orf54	chromosome 18 open reading frame 54	ENST00000300091	-0,53621121
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,536270215
A_33_P3361152	NR_024452	LOC100134259	uncharacterized LOC100134259	ENST00000468141	-0,536368479
A_21_P0000556	NR_028301	LOC344595	uncharacterized LOC344595		-0,536395901
A_24_P99795	NM_024710	ISOC2	isochorismatase domain containing 2	ENST00000085068	-0,536440272
A_21_P0014228	ENST00000433357	LOC100289137		ENST00000433357	-0,536522507
A_33_P3230841	NM_001003892	DUPD1	dual specificity phosphatase and pro isomerase domain con	ENST00000338487	-0,53653743
A_23_P4036	NM_018469	TEX2	testis expressed 2	ENST00000258991	-0,536564427
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,536574568
A_33_P3296707	NM_001078173	FAM127C	family with sequence similarity 127, member C	ENST00000391440	-0,536624219
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,536655757
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,536720721
A_33_P3322363	NM_001123366	HMSD	histocompatibility (minor) serpin domain containing	ENST00000408945	-0,536814084
A_21_P0009341	NR_030732	LOC645638	WDNM1-like pseudogene		-0,53685748
A_23_P111311	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12	ENST00000253332	-0,5368729
A_33_P3290914	NM_006306	SMC1A	structural maintenance of chromosomes 1A	ENST00000340213	-0,536936183
A_21_P0011279	ENST00000425648	XLOC_I2_004192		ENST00000425648	-0,53703181
A_33_P3238484	NM_014974	DIP2C	DIP2 disco-interacting protein 2 homolog C (Drosophila)	ENST00000381496	-0,53706312
A_33_P3345309	NM_001195129	PRSS56	protease, serine, 56		-0,537077706
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,537130068
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,53727662
A_33_P3318509	NM_014358	CLEC4E	C-type lectin domain family 4, member E	ENST00000299663	-0,537291232
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,537308273
A_23_P393955	NM_175741	C15orf55	chromosome 15 open reading frame 55	ENST00000537011	-0,537312435
A_21_P0008780	TCONS_00023783	XLOC_011578			-0,537369039
A_24_P45620	NM_021995	UTS2	urotensin 2	ENST00000054668	-0,537430836
A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704	-0,537432984
A_33_P3228450	NM_001136007	FXYD3	FXYD domain containing ion transport regulator 3	ENST00000435734	-0,537437863

A_21_P0009619	AK127565	FLJ37638	uncharacterized LOC400660		-0,53745862
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,537474242
A_21_P0009108	TCONS_00024862	XLOC_011754			-0,537561272
A_33_P3393170	NM_004055	CAPN5	calpain 5	ENST00000360841	-0,537647875
A_21_P0000901	NR_040100	ENTPD3-AS1	ENTPD3 antisense RNA 1 (non-protein coding)		-0,53766683
A_23_P202837	NM_053056	CCND1	cyclin D1	ENST00000227507	-0,537688402
A_33_P3299285	NM_001002901	FCRLB	Fc receptor-like B	ENST00000336830	-0,537692846
A_21_P0010579	TCONS_I2_00000862	XLOC_I2_000643			-0,537725224
A_21_P0001410	THC2751075	XLOC_000542			-0,537900142
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,537993628
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,538008045
A_23_P115726	NM_194298	SLC16A9	solute carrier family 16, member 9 (monocarboxylic acid tra	ENST00000395348	-0,538321384
A_33_P3249434	NM_001031689	PLAA	phospholipase A2-activating protein		-0,538425939
A_33_P3280805	NM_015842	LMO7	LIM domain 7	ENST00000357063	-0,538518676
A_21_P0011339	TCONS_I2_00008792	XLOC_I2_004772			-0,538537873
A_33_P3319760	NM_003564	TAGLN2	transgelin 2	ENST00000397334	-0,538919476
A_23_P208493	NM_005874	LILRB2	leukocyte immunoglobulin-like receptor, subfamily B (with	ENST00000434421	-0,539097187
A_23_P131215	NM_006891	CRYGD	crystallin, gamma D	ENST00000264376	-0,539229039
A_33_P3422247	NM_001652	AQP6	aquaporin 6, kidney specific	ENST00000315520	-0,539274336
A_23_P31896	NM_003033	ST3GAL1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1	ENST00000522652	-0,539300988
A_23_P116898	NM_000014	A2M	alpha-2-macroglobulin	ENST00000540099	-0,53935184
A_23_P3014	NM_005615	RNASE6	ribonuclease, RNase A family, k6	ENST00000304677	-0,5393612
A_33_P3400763	NM_001080400	PLIN4	perilipin 4	ENST00000301286	-0,539409681
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,539488752
A_33_P3214670	NM_000189	HK2	hexokinase 2	ENST00000290573	-0,539495403
A_33_P3387856	NM_001100625	CENPN	centromere protein N	ENST00000393335	-0,539859993
A_21_P0009887	ENST00000455890	XLOC_013675		ENST00000455890	-0,539970796
A_23_P162719	NM_030932	DIAPH3	diaphanous homolog 3 (Drosophila)	ENST00000498416	-0,540038759
A_23_P116829	NM_003348	UBE2N	ubiquitin-conjugating enzyme E2N	ENST00000318066	-0,540106432

A_21_P0007187	TCONS_00019257	XLOC_009087				-0,540203239
A_23_P104996	NM_004183	BEST1	bestrophin 1		ENST00000524877	-0,540292992
A_19_P00322181	THC2579385	P39188				-0,54034555
A_24_P374634	NM_001164380	STAU2	stauflen, RNA binding protein, homolog 2 (Drosophila)		ENST00000524300	-0,540359712
A_33_P3371320	NM_199194	BRE	brain and reproductive organ-expressed (TNFRSF1A modula		ENST00000379623	-0,540408706
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)		ENST00000392396	-0,540418863
A_23_P106874	NM_031293	PMFBP1	polyamine modulated factor 1 binding protein 1		ENST00000379073	-0,540533658
A_21_P0002617	TCONS_00004935	XLOC_001732				-0,540543377
A_23_P57856	NM_001130845	BCL6	B-cell CLL/lymphoma 6		ENST00000419510	-0,54054976
A_21_P0005213	ENST00000411542	XLOC_005988			ENST00000411542	-0,540673779
A_21_P0007601	TCONS_00020512	XLOC_009829				-0,540745368
A_19_P00808382	NR_038883	LOC100506334	uncharacterized LOC100506334			-0,540758664
A_33_P3354935	NM_172212	CSF1	colony stimulating factor 1 (macrophage)		ENST00000369802	-0,540791472
A_24_P268123	NM_174963	ST3GAL3	ST3 beta-galactoside alpha-2,3-sialyltransferase 3		ENST00000489897	-0,540886825
A_33_P3354322	NM_201397	GPX1	glutathione peroxidase 1		ENST00000419783	-0,540999306
A_33_P3380493	NM_031286	SH3BGL3	SH3 domain binding glutamic acid-rich protein like 3		ENST00000374243	-0,541019118
A_23_P117274	NM_005932	MIPEP	mitochondrial intermediate peptidase		ENST00000382172	-0,54104212
A_33_P3343045	ENST00000393235	CALHM2	calcium homeostasis modulator 2		ENST00000393235	-0,541113451
A_23_P107454	NM_031958	KRTAP3-1	keratin associated protein 3-1		ENST00000391588	-0,541118122
A_23_P79094	NM_006865	LILRA3	leukocyte immunoglobulin-like receptor, subfamily A (withc		ENST00000251390	-0,54112948
A_33_P3285156	NR_026857	FLJ90757	uncharacterized LOC440465			-0,54128991
A_33_P3257903	NM_001512	GSTA4	glutathione S-transferase alpha 4		ENST00000370959	-0,54129024
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)		ENST00000380257	-0,541323331
A_33_P3235147	NM_005221	DLX5	distal-less homeobox 5		ENST00000222598	-0,541341626
A_23_P106362	NM_020980	AQP9	aquaporin 9		ENST00000219919	-0,541389155
A_21_P0000292	NR_002829	P2RX6P	purinergic receptor P2X, ligand-gated ion channel, 6 pseudc		ENST00000439119	-0,541698521
A_33_P3327822	NM_007341	SH3BGR	SH3 domain binding glutamic acid-rich protein		ENST00000380631	-0,541714947
A_19_P00809624	NM_001145191	FAM200B			ENST00000504137	-0,541742232
A_21_P0007403	NR_034148	LOC283143	uncharacterized LOC283143			-0,541950891

A_33_P3241937	NM_019020	TBC1D16	TBC1 domain family, member 16	ENST00000310924	-0,542028996
A_23_P24784	NM_003282	TNNI2	troponin I type 2 (skeletal, fast)	ENST00000381906	-0,542122754
A_23_P305140	NM_144591	C10orf32	chromosome 10 open reading frame 32	ENST00000369883	-0,54235124
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,54238428
A_23_P401700	NM_019043	APBB1IP	amyloid beta (A4) precursor protein-binding, family B, mem	ENST00000376236	-0,542394544
A_33_P3235568	NM_001206540	CAPZB	capping protein (actin filament) muscle Z-line, beta	ENST00000375142	-0,542672448
A_23_P501754	NM_000759	CSF3	colony stimulating factor 3 (granulocyte)	ENST00000394149	-0,542958334
A_33_P3351249	NM_001100812	CXCL16	chemokine (C-X-C motif) ligand 16		-0,542990047
A_19_P00322426	NR_015364	LOC441204	uncharacterized LOC441204		-0,542996892
A_33_P3272938	NM_021209	NLRC4	NLR family, CARD domain containing 4	ENST00000342905	-0,543001332
A_24_P21266	NM_001003790	ERLIN2	ER lipid raft associated 2	ENST00000397228	-0,543065138
A_33_P3361741	NM_013238	DNAJC15	DnaJ (Hsp40) homolog, subfamily C, member 15		-0,543072989
A_23_P82651	NM_002523	NPTX2	neuronal pentraxin II	ENST00000265634	-0,543196004
A_21_P0013258	THC2565454	XLOC_I2_013532			-0,543204829
A_24_P29723	NM_000941	POR	P450 (cytochrome) oxidoreductase	ENST00000412064	-0,543232895
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,543403336
A_23_P402670	NM_001763	CD1A	CD1a molecule	ENST00000289429	-0,543408865
A_23_P116898	NM_000014	A2M	alpha-2-macroglobulin	ENST00000540099	-0,54342043
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,543444584
A_21_P0014761	ENST00000453348	LOC100505644		ENST00000453348	-0,543446999
A_33_P3413987	NM_000062	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	ENST00000278407	-0,543458116
A_33_P3327617	NM_201563	FCGR2C	Fc fragment of IgG, low affinity IIc, receptor for (CD32) (gen	ENST00000452001	-0,54350272
A_23_P102117	NM_025216	WNT10A	wingless-type MMTV integration site family, member 10A	ENST00000258411	-0,543555896
A_24_P171873	NM_012176	FBXO4	F-box protein 4	ENST00000513496	-0,543650522
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,543659129
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,543666051
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,543672008
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,543749715
A_33_P3424062	NM_002236	KCNF1	potassium voltage-gated channel, subfamily F, member 1	ENST00000295082	-0,543821243

A_33_P3360426	NM_017491	WDR1	WD repeat domain 1	ENST00000264785	-0,543878565
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,543898835
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,543951353
A_33_P3399150	ENST00000542515	ORAOV1	oral cancer overexpressed 1	ENST00000542515	-0,544003575
A_32_P89310	NM_001080475	PLEKHM3	pleckstrin homology domain containing, family M, member	ENST00000343987	-0,544020837
A_32_P780862	NM_001720	BMP8B	bone morphogenetic protein 8b	ENST00000397360	-0,544039604
A_32_P91042	NR_027406	LOC100129034	uncharacterized LOC100129034		-0,544062298
A_23_P113748	NM_024697	ZNF385D	zinc finger protein 385D	ENST00000494118	-0,544083197
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,544112435
A_24_P212539	NM_138801	GALM	galactose mutarotase (aldose 1-epimerase)	ENST00000444351	-0,54418892
A_32_P43812	NM_001040402	DCUN1D4	DCN1, defective in cullin neddylation 1, domain containing	ENST00000477560	-0,544200953
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,544274319
A_32_P148710	NM_005507	CFL1	cofilin 1 (non-muscle)	ENST00000308162	-0,544476842
A_23_P57413	NM_014634	PPM1F	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1F	ENST00000484588	-0,544482375
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,544563484
A_33_P3313899	NR_033917	LOC728228	uncharacterized LOC728228	ENST00000419003	-0,544588818
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,544619671
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,544632721
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,544746624
A_33_P3277988	NM_000629	IFNAR1	interferon (alpha, beta and omega) receptor 1	ENST00000270139	-0,544777921
A_33_P3224819	NM_001080431	SLC45A4	solute carrier family 45, member 4	ENST00000024061	-0,544952889
A_24_P228026	NM_144611	CYB5D2	cytochrome b5 domain containing 2	ENST00000301391	-0,544957705
A_23_P29153	NM_014433	RTDR1	rhabdoid tumor deletion region gene 1	ENST00000216036	-0,545061132
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,545213261
A_23_P11543	NM_000147	FUCA1	fucosidase, alpha-L- 1, tissue	ENST00000374479	-0,545231731
A_23_P210948	NM_018244	UQCC	ubiquinol-cytochrome c reductase complex chaperone	ENST00000496812	-0,545242267
A_33_P3284883	NM_024761	MOB3B	MOB kinase activator 3B	ENST00000262244	-0,545266344
A_23_P412321	NM_000579	CCR5	chemokine (C-C motif) receptor 5	ENST00000343801	-0,54533064
A_32_P447001	NM_001198784	FLJ27352	uncharacterized LOC145788		-0,545355251

A_23_P117274	NM_005932	MIPEP	mitochondrial intermediate peptidase	ENST00000382172	-0,545411808
A_19_P00316624	ENST00000514050	XLOC_l2_011173		ENST00000514050	-0,545421281
A_23_P74609	NM_015714	GOS2	G0/G1switch 2	ENST00000367029	-0,545482187
A_23_P7827	NM_001010919	FAM26F	family with sequence similarity 26, member F	ENST00000368605	-0,545855495
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,545864929
A_33_P3288700	NM_058190	FAM207A	family with sequence similarity 207, member A	ENST00000291634	-0,545947754
A_23_P126499	NM_030907	RSG1	REM2 and RAB-like small GTPase 1	ENST00000375599	-0,546196264
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,546319257
A_23_P103099	NM_001031695	RBFOX2	RNA binding protein, fox-1 homolog (C. elegans) 2	ENST00000438146	-0,54650538
A_21_P0009516	TCONS_00026396	XLOC_012747			-0,546528654
A_33_P3323928	NR_026762	LINC00263	long intergenic non-protein coding RNA 263		-0,546530139
A_24_P301454	NR_003108	NBR2	neighbor of BRCA1 gene 2 (non-protein coding)	ENST00000464237	-0,546594701
A_21_P0008622	ENST00000481262	IVD	isovaleryl-CoA dehydrogenase	ENST00000481262	-0,546697665
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,546866967
A_23_P217339	NM_005044	PRKX	protein kinase, X-linked	ENST00000262848	-0,546915838
A_21_P0006078	CR627148	XLOC_007710			-0,546981385
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,546982635
A_33_P3227793	NM_006569	CGREF1	cell growth regulator with EF-hand domain 1	ENST00000260595	-0,547070216
A_33_P3258452	NM_020375	C12orf5	chromosome 12 open reading frame 5		-0,547095922
A_19_P00322711	NR_027301	LOC148189			-0,547301941
A_33_P3404470	NM_030930	UNC93B1	unc-93 homolog B1 (C. elegans)	ENST00000525262	-0,547367841
A_33_P3347161	NM_005647	TBL1X	transducin (beta)-like 1X-linked	ENST00000380961	-0,54758157
A_33_P3235975	NM_032343	CHCHD6	coiled-coil-helix-coiled-coil-helix domain containing 6	ENST00000514908	-0,547659255
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,54771078
A_24_P360078	NM_006726	LRBA	LPS-responsive vesicle trafficking, beach and anchor contain	ENST00000510157	-0,547765561
A_23_P128094	NM_019625	ABCB9	ATP-binding cassette, sub-family B (MDR/TAP), member 9	ENST00000540866	-0,547909247
A_23_P14035	NM_006422	AKAP3	A kinase (PRKA) anchor protein 3	ENST00000545990	-0,547910555
A_23_P406025	NM_015225	PRUNE2	prune homolog 2 (Drosophila)	ENST00000428286	-0,547925097
A_23_P69293	NM_018397	CHDH	choline dehydrogenase	ENST00000315251	-0,548060011

A_33_P3290588	AK127159	ASPSCR1	alveolar soft part sarcoma chromosome region, candidate 1		-0,548215666
A_21_P0012769	ENST00000506292	XLOC_I2_011062		ENST00000506292	-0,548250694
A_23_P143987	NM_006395	ATG7	ATG7 autophagy related 7 homolog (S. cerevisiae)	ENST00000466605	-0,548543841
A_23_P28948	NM_014012	REM1	RAS (RAD and GEM)-like GTP-binding 1	ENST00000201979	-0,548734081
A_24_P372223	NM_138715	MSR1	macrophage scavenger receptor 1	ENST00000350896	-0,549006743
A_23_P70355	NM_004568	SERPINB6	serpin peptidase inhibitor, clade B (ovalbumin), member 6	ENST00000380520	-0,549063865
A_23_P392942	NM_002445	MSR1	macrophage scavenger receptor 1	ENST00000381998	-0,549071393
A_23_P256735	NM_016134	PGCP	plasma glutamate carboxypeptidase	ENST00000220763	-0,549150727
A_23_P74112	NM_170743	IL28RA	interleukin 28 receptor, alpha (interferon, lambda receptor)	ENST00000327535	-0,54924804
A_21_P0014183	XR_108739	LOC100505921	uncharacterized LOC100505921	ENST00000451066	-0,549284279
A_23_P200030	NM_003838	FPGT	fucose-1-phosphate guanylyltransferase	ENST00000370898	-0,54930317
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,54933368
A_33_P3239185	NM_001252065	SYT7	synaptotagmin VII	ENST00000263846	-0,549354237
A_33_P3330872	NM_078629	MSL3	male-specific lethal 3 homolog (Drosophila)	ENST00000380692	-0,549426771
A_23_P24987	NM_005981	TSPAN31	tetraspanin 31	ENST00000549052	-0,549452092
A_32_P130630	NM_004731	SLC16A7	solute carrier family 16, member 7 (monocarboxylic acid tra	ENST00000261187	-0,549454141
A_23_P129014	NM_145231	EFCAB11	EF-hand calcium binding domain 11	ENST00000553871	-0,549506368
A_23_P49009	NM_153613	LPCAT4	lysophosphatidylcholine acyltransferase 4	ENST00000314891	-0,549521561
A_23_P69513	NM_198229	RGS12	regulator of G-protein signaling 12	ENST00000306648	-0,549620045
A_33_P3234635	NM_178493	NOTUM	notum pectinacetylerase homolog (Drosophila)	ENST00000409678	-0,549679639
A_21_P0002669	TCONS_00005195	XLOC_002198			-0,549700132
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,549701043
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,549757521
A_21_P0006910	TCONS_00018331	XLOC_008609			-0,549773966
A_23_P396858	NM_031866	FZD8	frizzled family receptor 8	ENST00000374694	-0,549799417
A_23_P344531	NM_007286	SYNPO	synaptopodin	ENST00000307662	-0,550043562
A_23_P117274	NM_005932	MIPEP	mitochondrial intermediate peptidase	ENST00000382172	-0,550095077
A_19_P00322856	NM_001145191	FAM200B		ENST00000502502	-0,550106674
A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704	-0,550267872

A_33_P3258767	NM_001243517	LOC100130480	uncharacterized LOC100130480		-0,550360026
A_23_P500614	NM_001243	TNFRSF8	tumor necrosis factor receptor superfamily, member 8	ENST00000263932	-0,550485159
A_21_P0006520	BC030106	XLOC_008088			-0,550523543
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,550535631
A_23_P116898	NM_000014	A2M	alpha-2-macroglobulin	ENST00000540099	-0,550668127
A_21_P0001822	ENST00000483023	XLOC_001340		ENST00000483023	-0,550679572
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,550702266
A_33_P3303785	NM_001025069	ARPP21	cAMP-regulated phosphoprotein, 21kDa	ENST00000396482	-0,550767691
A_23_P61280	NM_012133	COPG2	coatamer protein complex, subunit gamma 2	ENST00000425248	-0,550881211
A_24_P385585	NM_152834	TMEM18	transmembrane protein 18	ENST00000432667	-0,550909825
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,55092149
A_21_P0003040	TCONS_00006262	XLOC_002865			-0,551207488
A_24_P62615	NM_006367	CAP1	CAP, adenylate cyclase-associated protein 1 (yeast)	ENST00000372792	-0,551242352
A_23_P304991	NM_000411	HLCS	holocarboxylase synthetase (biotin-(propionyl-CoA-carboxyl)	ENST00000399120	-0,551246421
A_21_P0000740	NR_038260	HIVEP3	human immunodeficiency virus type I enhancer binding pro	ENST00000491442	-0,551286809
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,551289243
A_24_P100996	NM_213599	ANO5	anoctamin 5	ENST00000324559	-0,551360924
A_33_P3379606	NM_001029875	RGS7BP	regulator of G-protein signaling 7 binding protein	ENST00000334025	-0,551379742
A_21_P0009312	TCONS_00025610	XLOC_012442			-0,551409155
A_21_P0013020	DB051956	XLOC_I2_012432			-0,551515526
A_24_P117323	NM_032775	KLHL22	kelch-like 22 (Drosophila)	ENST00000440659	-0,551578985
A_21_P0004981	THC2664316	XLOC_005567			-0,551604837
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,551621559
A_19_P00322934	BC038559	LOC100506190	uncharacterized LOC100506190		-0,551671577
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,551689596
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,551716494
A_33_P3862354	NM_025204	TRABD	TraB domain containing	ENST00000472677	-0,551737756
A_23_P105524	NM_033123	PLCZ1	phospholipase C, zeta 1	ENST00000539875	-0,552013114
A_23_P115726	NM_194298	SLC16A9	solute carrier family 16, member 9 (monocarboxylic acid tra	ENST00000395348	-0,552151726

A_21_P0005196	BC061919	XLOC_006195			-0,552228429
A_24_P586523	NM_019109	ALG1	asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase	ENST00000533775	-0,552284544
A_23_P46017	NM_001008661	CCBL2	cysteine conjugate-beta lyase 2	ENST00000370485	-0,552309709
A_33_P3289296	NM_183240	TMEM37	transmembrane protein 37	ENST00000306406	-0,552352231
A_24_P142118	NM_003246	THBS1	thrombospondin 1	ENST00000260356	-0,552436454
A_33_P3449097	NM_031945	TSPAN10	tetraspanin 10	ENST00000540189	-0,552465718
A_33_P3405213	NM_000442	PECAM1	platelet/endothelial cell adhesion molecule		-0,552493134
A_23_P132226	NM_001008566	TPST2	tyrosylprotein sulfotransferase 2	ENST00000528868	-0,552520358
A_24_P90881	NM_024922	CES3	carboxylesterase 3	ENST00000303334	-0,552624065
A_21_P0014762	XR_132528	LOC100652832			-0,55265195
A_23_P391857	NM_004452	ESRRB	estrogen-related receptor beta	ENST00000261532	-0,552672927
A_23_P113701	NM_002607	PDGFA	platelet-derived growth factor alpha polypeptide	ENST00000402802	-0,552948017
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,553050205
A_33_P3829391	BC030809	LOC641510	uncharacterized LOC641510		-0,553064544
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,553110065
A_23_P209055	NM_001771	CD22	CD22 molecule	ENST00000419549	-0,553123827
A_21_P0004503	NR_034107	LOC257396	uncharacterized LOC257396		-0,553195156
A_21_P0012459	AL049161	XLOC_I2_010338			-0,553217533
A_24_P201171	NM_003165	STXBP1	syntaxin binding protein 1	ENST00000373299	-0,553310281
A_32_P942508	NR_028336	FAM27L	family with sequence similarity 27-like	ENST00000426869	-0,553338254
A_23_P350512	NM_021641	ADAM12	ADAM metallopeptidase domain 12	ENST00000368676	-0,55336145
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,553382994
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,553389596
A_33_P3323218	NM_024744	ALS2CR8	amyotrophic lateral sclerosis 2 (juvenile) chromosome region	ENST00000320443	-0,553471665
A_21_P0014166	XR_108672	LOC100506379	uncharacterized LOC100506379		-0,553484169
A_33_P3351904	NM_031861	PCDHA11	protocadherin alpha 11		-0,553657471
A_33_P3284951	NM_006739	MCM5	minichromosome maintenance complex component 5	ENST00000455261	-0,55382996
A_21_P0006455	ENST00000416989	XLOC_008184		ENST00000416989	-0,553847176
A_23_P353014	NM_172364	CACNA2D4	calcium channel, voltage-dependent, alpha 2/delta subunit	ENST00000382722	-0,553924433

A_33_P3306085	NM_001099218	RAD51AP2	RAD51 associated protein 2	ENST00000399080	-0,554015916
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,554078361
A_33_P3251876	NM_003855	IL18R1	interleukin 18 receptor 1	ENST00000410040	-0,554110718
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,554129265
A_24_P339126	NM_144957	PRSS21	protease, serine, 21 (testisin)	ENST00000450020	-0,554134137
A_23_P216766	NM_030940	ISCA1	iron-sulfur cluster assembly 1 homolog (<i>S. cerevisiae</i>)	ENST00000375991	-0,554195942
A_23_P23502	NM_001005185	OR6N1	olfactory receptor, family 6, subfamily N, member 1	ENST00000335094	-0,554246707
A_21_P0010940	NM_001100874	SLC9B1	solute carrier family 9, subfamily B (cation proton antiporte	ENST00000416231	-0,554254897
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,554263927
A_23_P162746	NM_015974	CRYL1	crystallin, lambda 1	ENST00000298248	-0,554375269
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,554405448
A_23_P46936	NM_000399	EGR2	early growth response 2	ENST00000411732	-0,554442871
A_21_P0000746	NR_038273	LOC100506874	uncharacterized LOC100506874		-0,554472916
A_33_P3423365	NM_001127663	GSN	gelsolin	ENST00000545652	-0,554474914
A_24_P56837	NM_080863	ASB16	ankyrin repeat and SOCS box containing 16	ENST00000293414	-0,554481949
A_33_P3409274	ENST00000454421	LOC100134256	ig heavy chain V-III region VH26-like	ENST00000454421	-0,554528764
A_33_P3383970	NM_030956	TLR10	toll-like receptor 10	ENST00000361424	-0,554582955
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,554802171
A_23_P324523	NM_153208	IQCK	IQ motif containing K	ENST00000308214	-0,554824788
A_23_P43425	NM_017998	C9orf40	chromosome 9 open reading frame 40	ENST00000376854	-0,554836583
A_21_P0003883	TCONS_00009007	XLOC_003853			-0,554945096
A_21_P0014708	ENST00000505245	ATP6V1E2	ATPase, H ⁺ transporting, lysosomal 31kDa, V1 subunit E2	ENST00000505245	-0,554972972
A_33_P3333480	NR_026690	ABHD11-AS1	ABHD11 antisense RNA 1 (non-protein coding)	ENST00000427153	-0,555005394
A_23_P105862	NM_023037	FRY	furry homolog (<i>Drosophila</i>)	ENST00000380257	-0,555016621
A_21_P0001634	TCONS_00001843	XLOC_001228			-0,555042893
A_23_P23438	NM_022367	SEMA4A	sema domain, immunoglobulin domain (Ig), transmembran	ENST00000544376	-0,555058544
A_32_P56249	NR_038996	LOC100131733	uncharacterized LOC100131733	ENST00000478808	-0,555096469
A_33_P3225625	NM_001003799	TARP	TCR gamma alternate reading frame protein	ENST00000443402	-0,555162879
A_21_P0010742	ENST00000439440	XLOC_l2_000636		ENST00000439440	-0,555181666

A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,555197843
A_33_P3316721	NM_144585	SLC22A12	solute carrier family 22 (organic anion/urate transporter), n	ENST00000377574	-0,555201906
A_33_P3901921	NM_017915	C12orf48	chromosome 12 open reading frame 48	ENST00000392914	-0,555235939
A_33_P3270489	NM_025059	C6orf97	chromosome 6 open reading frame 97	ENST00000367290	-0,555238306
A_33_P3540143	NM_014339	IL17RA	interleukin 17 receptor A	ENST00000319363	-0,55524041
A_33_P3265549	NM_001205206	SLC19A1	solute carrier family 19 (folate transporter), member 1	ENST00000380014	-0,555474576
A_33_P3236798	NM_080823	SRMS	src-related kinase lacking C-terminal regulatory tyrosine anc	ENST00000217188	-0,555581584
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,555619537
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,55563638
A_21_P0010298	TCONS_00029173	XLOC_014112			-0,55563875
A_23_P120860	NM_003634	NIPSNAP1	nipsnap homolog 1 (C. elegans)	ENST00000216121	-0,555888387
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,556043849
A_23_P73097	NM_170587	RGS20	regulator of G-protein signaling 20	ENST00000276500	-0,556104913
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,556230945
A_21_P0005203	XR_108720	LOC100507642	uncharacterized LOC100507642		-0,556302435
A_23_P342727	NM_178006	STARD13	StAR-related lipid transfer (START) domain containing 13	ENST00000336934	-0,556313127
A_32_P194246	NM_015226	CLEC16A	C-type lectin domain family 16, member A	ENST00000381822	-0,556588239
A_24_P564030	NM_183242	BTBD8	BTB (POZ) domain containing 8	ENST00000540648	-0,556622956
A_24_P179816	NM_024330	SLC27A3	solute carrier family 27 (fatty acid transporter), member 3	ENST00000468044	-0,556647326
A_21_P0010421	TCONS_00029614	XLOC_014268			-0,556648478
A_21_P0010947	ENST00000443523	XLOC_l2_001986		ENST00000443523	-0,556694993
A_33_P3339825	NM_206538	C19orf63	chromosome 19 open reading frame 63	ENST00000376920	-0,556799182
A_23_P59528	NM_020186	ACN9	ACN9 homolog (S. cerevisiae)	ENST00000479853	-0,556821255
A_33_P3295358	NM_139314	ANGPTL4	angiopoietin-like 4	ENST00000301455	-0,556836804
A_23_P105862	NM_023037	FRY	furry homolog (Drosophila)	ENST00000380257	-0,556899236
A_33_P3360072	NM_001161429	RANBP3L	RAN binding protein 3-like	ENST00000296604	-0,556971844
A_23_P352799	NM_001099456	NPW	neuropeptide W	ENST00000329610	-0,557015057
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,557274016
A_23_P166459	NM_002305	LGALS1	lectin, galactoside-binding, soluble, 1	ENST00000425542	-0,55766911

A_24_P14634	NM_133455	EMID1	EMI domain containing 1	ENST00000334018	-0,557696583
A_19_P00316820	AK091028	XLOC_005127			-0,55777107
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,557975961
A_33_P3278211	ENST00000474994	MMRN2	multimerin 2	ENST00000474994	-0,557982602
A_33_P3332396	NM_024587	TMEM53	transmembrane protein 53	ENST00000372243	-0,558107807
A_23_P45059	NM_001380	DOCK1	dedicator of cytokinesis 1	ENST00000280333	-0,558142131
A_33_P3240936	NM_012104	BACE1	beta-site APP-cleaving enzyme 1	ENST00000292095	-0,558170551
A_23_P20107	NM_015917	GSTK1	glutathione S-transferase kappa 1	ENST00000494735	-0,558177704
A_21_P0001346	TCONS_00001045	XLOC_000306			-0,55827487
A_23_P170733	NM_058172	ANTXR2	anthrax toxin receptor 2	ENST00000449651	-0,558314247
A_24_P346855	NM_002417	MKI67	antigen identified by monoclonal antibody Ki-67	ENST00000537609	-0,55846608
A_24_P945113	NM_000020	ACVRL1	activin A receptor type II-like 1	ENST00000550683	-0,558589001
A_23_P83403	NM_014988	LIMCH1	LIM and calponin homology domains 1	ENST00000537405	-0,558884756
A_23_P250607	NM_005032	PLS3	plastin 3	ENST00000481823	-0,558970438
A_33_P3270337	ENST00000368619	STK32C	serine/threonine kinase 32C	ENST00000368619	-0,559094091
A_33_P3275055	NM_001160011	ST6GALNAC3	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-	ENST00000394994	-0,559159332
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,55923242
A_23_P421032	NM_174977	SEC14L4	SEC14-like 4 (S. cerevisiae)	ENST00000320982	-0,559520359
A_33_P3394380	NM_004857	AKAP5	A kinase (PRKA) anchor protein 5	ENST00000394718	-0,559581188
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,559622097
A_32_P222684	NM_001136239	PRDM6	PR domain containing 6	ENST00000407847	-0,559659735
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,559701462
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,559750643
A_33_P3287631	NM_147780	CTSB	cathepsin B	ENST00000434271	-0,559762878
A_23_P157136	NM_033128	SCIN	scinderin	ENST00000341757	-0,559770526
A_23_P255884	NM_198252	GSN	gelsolin	ENST00000545652	-0,559814594
A_23_P210763	NM_000214	JAG1	jagged 1	ENST00000254958	-0,559817972
A_24_P294842	NM_000332	ATXN1	ataxin 1	ENST00000450222	-0,559826379
A_32_P157208	NR_015423	LOC572558	uncharacterized LOC572558	ENST00000442069	-0,559891988

A_32_P4262	NM_015585	C20orf26	chromosome 20 open reading frame 26	ENST00000389655	-0,559918056
A_23_P114061	NM_001007471	TRPM3	transient receptor potential cation channel, subfamily M, member 3	ENST00000377110	-0,560006213
A_32_P169131	NM_019109	ALG1	asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase homolog (S. cerevisiae)	ENST00000377110	-0,56001025
A_21_P0010296	THC2740132	XLOC_014110			-0,560039824
A_33_P3305482	NM_020365	EIF2B3	eukaryotic translation initiation factor 2B, subunit 3 gamma	ENST00000360403	-0,560044369
A_21_P0011125	TCONS_I2_0000672	XLOC_I2_003627			-0,560061631
A_21_P0002084	ENST00000430551	XLOC_002238		ENST00000430551	-0,560138434
A_33_P3217307	ENST00000341885	ZBTB8OS	zinc finger and BTB domain containing 8 opposite strand	ENST00000341885	-0,560223926
A_23_P151405	NM_018204	CKAP2	cytoskeleton associated protein 2	ENST00000258607	-0,560288724
A_24_P225878	NM_022342	KIF9	kinesin family member 9	ENST00000452770	-0,560324937
A_23_P212617	NM_003234	TFRC	transferrin receptor (p90, CD71)	ENST00000392396	-0,560358615
A_21_P0012945	BG214557	XLOC_I2_011627			-0,560389622
A_33_P3227857	NM_173827	COX18	COX18 cytochrome c oxidase assembly homolog (S. cerevisiae)		-0,56043868
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,560472707
A_21_P0004773	NR_038863	LOC285758	uncharacterized LOC285758		-0,560508833
A_32_P126557	NM_001204424	RGS6	regulator of G-protein signaling 6		-0,560528073
A_33_P3318696	NM_001008661	CCBL2	cysteine conjugate-beta lyase 2	ENST00000370486	-0,560541263
A_21_P0007087	TCONS_00018856	XLOC_008661			-0,560635041
A_21_P0008807	THC2577654	XLOC_011157			-0,56074925
A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125	-0,560820028
A_24_P13831	NM_182854	SNX20	sorting nexin 20	ENST00000413750	-0,560841253
A_24_P548866	NM_001099668	HIGD1A	HIG1 hypoxia inducible domain family, member 1A		-0,560846753
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,561012655
A_19_P00320974	NM_001145454	STMN1	stathmin 1	ENST00000513116	-0,56104986
A_21_P0013883	NM_000216	KAL1	Kallmann syndrome 1 sequence	ENST00000262648	-0,561051086
A_32_P62963	NR_029392	KRT16P2	keratin 16 pseudogene 2		-0,561076434
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependent)	ENST00000394053	-0,561168464
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,561287172
A_23_P130753	NM_001352	DBP	D site of albumin promoter (albumin D-box) binding protein	ENST00000222122	-0,561429799

A_21_P0003733	ENST00000472346	XLOC_003912		ENST00000472346	-0,561505953
A_24_P167642	NM_000161	GCH1	GTP cyclohydrolase 1	ENST00000254299	-0,561522219
A_21_P0009301	TCONS_00025573	XLOC_012398			-0,561717764
A_24_P172990	NM_001605	AARS	alanyl-tRNA synthetase	ENST00000261772	-0,561855082
A_24_P395814	NM_000737	CGB	chorionic gonadotropin, beta polypeptide	ENST00000474913	-0,561946771
A_21_P0013846	NR_015367	LOC550643	uncharacterized LOC550643		-0,561958412
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,562606869
A_23_P37983	NM_005947	MT1B	metallothionein 1B	ENST00000334346	-0,562686619
A_24_P245815	NM_020437	ASPHD2	aspartate beta-hydroxylase domain containing 2	ENST00000215906	-0,562752419
A_33_P3271111	NM_004148	NINJ1	ninjurin 1	ENST00000489274	-0,562774239
A_21_P0007338	ENST00000532428	APIP	APAF1 interacting protein	ENST00000532428	-0,562791016
A_23_P218597	NM_002518	NPAS2	neuronal PAS domain protein 2	ENST00000474550	-0,562835941
A_23_P422732	NM_145172	WDR63	WD repeat domain 63	ENST00000294664	-0,562837688
A_24_P132276	NM_018292	QRSL1	glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1	ENST00000369046	-0,562913543
A_23_P422724	NM_000943	PPIC	peptidylprolyl isomerase C (cyclophilin C)	ENST00000306442	-0,563002499
A_23_P151294	NM_000619	IFNG	interferon, gamma	ENST00000229135	-0,563006445
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,563117582
A_24_P53976	NM_002065	GLUL	glutamate-ammonia ligase	ENST00000491322	-0,563127771
A_23_P140876	NM_001089	ABCA3	ATP-binding cassette, sub-family A (ABC1), member 3	ENST00000382381	-0,563155309
A_24_P151	NM_003636	KCNAB2	potassium voltage-gated channel, shaker-related subfamily,	ENST00000378092	-0,563239764
A_24_P134834	NM_032276	RHBDD1	rhomboid domain containing 1	ENST00000392062	-0,563288986
A_33_P3352782	NM_024562	TMCO7	transmembrane and coiled-coil domains 7	ENST00000261778	-0,563489988
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,563513381
A_33_P3372297	NM_001159746	ABR	active BCR-related gene	ENST00000382259	-0,563592969
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,563602433
A_24_P67534	NM_001163438	CXorf69	chromosome X open reading frame 69	ENST00000330288	-0,563621933
A_23_P145984	NM_012338	TSPAN12	tetraspanin 12	ENST00000222747	-0,563744408
A_21_P0005310	ENST00000418679	XLOC_006448		ENST00000418679	-0,563747428
A_33_P3327479	NM_016598	ZDHC3	zinc finger, DHHC-type containing 3	ENST00000339420	-0,563798319

A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704	-0,563835582
A_33_P3412613	NM_001032283	TMPO	thymopoietin	ENST00000393053	-0,56387222
A_23_P82249	NM_007188	ABCB8	ATP-binding cassette, sub-family B (MDR/TAP), member 8	ENST00000482309	-0,564133654
A_23_P209735	NM_025139	ARMC9	armadillo repeat containing 9	ENST00000349938	-0,564180396
A_23_P141802	NM_001040147	SERPINB7	serpin peptidase inhibitor, clade B (ovalbumin), member 7	ENST00000540675	-0,564184356
A_21_P0012789	ENST00000509983	XLOC_l2_011227		ENST00000509983	-0,564243595
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,564273836
A_23_P152462	NM_052874	STX1B	syntaxin 1B	ENST00000215095	-0,564563813
A_23_P211504	NM_016657	KDELR3	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein receptor	ENST00000409006	-0,564569433
A_33_P3419026	NM_001142700	DLG2	discs, large homolog 2 (Drosophila)	ENST00000546021	-0,564573744
A_33_P3228355	NM_001007253	ERV3-1	endogenous retrovirus group 3, member 1	ENST00000394323	-0,564722625
A_33_P3388501	NM_003465	CHIT1	chitinase 1 (chitotriosidase)	ENST00000491855	-0,564809898
A_21_P0004787	ENST00000422023	XLOC_005869		ENST00000422023	-0,564810325
A_23_P103672	NM_006617	NES	nestin	ENST00000368223	-0,564837635
A_24_P96403	NM_001001890	RUNX1	runt-related transcription factor 1	ENST00000344691	-0,564983459
A_21_P0003814	TCONS_00008692	XLOC_004205			-0,564987419
A_21_P0003669	TCONS_00008304	XLOC_003754			-0,565062302
A_23_P95823	NM_145080	NSMCE1	non-SMC element 1 homolog (S. cerevisiae)	ENST00000361439	-0,565094063
A_21_P0002272	TCONS_00003822	XLOC_001630			-0,565302335
A_33_P3306504	NM_016368	ISYNA1	inositol-3-phosphate synthase 1	ENST00000338128	-0,565467166
A_21_P0007607	AW016330	XLOC_009837			-0,565478162
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,565491899
A_23_P26954	NM_006373	VAT1	vesicle amine transport protein 1 homolog (T. californica)	ENST00000542468	-0,565499461
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,565714728
A_33_P3418025	NM_001334	CTSO	cathepsin O	ENST00000433477	-0,565739361
A_33_P3240353	NM_017767	SLC39A4	solute carrier family 39 (zinc transporter), member 4	ENST00000276833	-0,565777622
A_23_P106922	NM_021615	CHST6	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6	ENST00000332272	-0,565924574
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,565967579
A_24_P184799	NM_004086	COCH	coagulation factor C homolog, cochlin (Limulus polyphemus)	ENST00000216361	-0,566189506

A_24_P829183	XR_108575	FLJ32255	uncharacterized LOC643977		-0,566203381
A_23_P23765	NM_014288	ITGB3BP	integrin beta 3 binding protein (beta3-endonexin)	ENST00000283568	-0,566253943
A_33_P3415211	NM_002437	MPV17	MpV17 mitochondrial inner membrane protein	ENST00000426513	-0,566322688
A_24_P33446	NR_021489	LOC338651	uncharacterized LOC338651		-0,56632948
A_23_P40295	NM_012261	C20orf103	chromosome 20 open reading frame 103	ENST00000246070	-0,566387754
A_23_P3221	NM_021199	SQRDL	sulfide quinone reductase-like (yeast)	ENST00000260324	-0,566454387
A_19_P00322173	ENST00000454160	XLOC_007602		ENST00000454160	-0,566479635
A_24_P64344	NM_013314	BLNK	B-cell linker	ENST00000393898	-0,566581529
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,566598624
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,566878254
A_33_P3382423	NM_182498	ZNF428	zinc finger protein 428	ENST00000300811	-0,566998533
A_33_P3236628	ENST00000378196	BCKDHA	branched chain keto acid dehydrogenase E1, alpha polypep	ENST00000378196	-0,567198584
A_21_P0014667	XR_111050	LOC100509635	uncharacterized LOC100509635		-0,567239925
A_21_P0008663	THC2616036	XLOC_011331			-0,567372875
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,567528774
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,567612301
A_23_P35399	NM_145869	ANXA11	annexin A11	ENST00000537102	-0,567705483
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,567764579
A_23_P75769	NM_024021	MS4A4A	membrane-spanning 4-domains, subfamily A, member 4	ENST00000529991	-0,567899159
A_24_P8220	NM_004807	HS6ST1	heparan sulfate 6-O-sulfotransferase 1	ENST00000259241	-0,567913375
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,567915072
A_21_P0002645	ENST00000431336	XLOC_001964		ENST00000431336	-0,567948012
A_23_P166248	NM_004414	RCAN1	regulator of calcineurin 1	ENST00000443408	-0,56803807
A_33_P3352718	ENST00000377158	C12orf76	chromosome 12 open reading frame 76	ENST00000377158	-0,568085701
A_23_P100127	NM_170589	CASC5	cancer susceptibility candidate 5	ENST00000260369	-0,568092824
A_23_P111311	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12	ENST00000253332	-0,568129227
A_33_P3365810	NM_002949	MRPL12	mitochondrial ribosomal protein L12	ENST00000332396	-0,568199393
A_33_P3399267	NM_172200	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-0,568241138
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,568246405

A_23_P33723	NM_004244	CD163	CD163 molecule	ENST00000396620	-0,568289941
A_24_P102821	NM_000952	PTAFR	platelet-activating factor receptor	ENST00000305392	-0,568338283
A_23_P309739	NM_000125	ESR1	estrogen receptor 1	ENST00000206249	-0,568432689
A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704	-0,568578917
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,568607646
A_21_P0014659	XR_110932	LOC100506678	uncharacterized LOC100506678		-0,568635845
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,568785505
A_32_P210642	NM_201446	EGFL7	EGF-like-domain, multiple 7	ENST00000308874	-0,569105999
A_21_P0010022	XR_109654	LOC100505683	uncharacterized LOC100505683	ENST00000442440	-0,569236115
A_21_P0014122	XR_108500	LOC100507375	uncharacterized LOC100507375		-0,569450817
A_24_P498854	NR_038231	LOC284998	uncharacterized LOC284998	ENST00000425879	-0,569455335
A_23_P107994	NM_017854	TMEM160	transmembrane protein 160	ENST00000253047	-0,569533618
A_24_P289178	NM_206967	C16orf74	chromosome 16 open reading frame 74	ENST00000284245	-0,569579569
A_24_P28657	NM_015446	AHCTF1	AT hook containing transcription factor 1	ENST00000391829	-0,569707118
A_24_P388433	NM_002718	PPP2R3A	protein phosphatase 2, regulatory subunit B'', alpha	ENST00000264977	-0,569752477
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,569765795
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,569814159
A_24_P126628	NM_015257	TMEM194A	transmembrane protein 194A	ENST00000300128	-0,56984365
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,569850022
A_23_P91390	NM_000361	THBD	thrombomodulin	ENST00000503590	-0,569944214
A_23_P125233	NM_001299	CNN1	calponin 1, basic, smooth muscle	ENST00000252456	-0,570058011
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,570197929
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,570294971
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,570326419
A_33_P3250383	NM_033133	CNP	2',3'-cyclic nucleotide 3' phosphodiesterase		-0,570375866
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,570400305
A_23_P87860	NM_005593	MYF5	myogenic factor 5	ENST00000228644	-0,570496334
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,570504784
A_23_P100127	NM_170589	CASC5	cancer susceptibility candidate 5	ENST00000260369	-0,570518041

A_23_P117782	NM_018357	LARP6	La ribonucleoprotein domain family, member 6	ENST00000299213	-0,570672357
A_23_P45517	NM_013239	PPP2R3B	protein phosphatase 2, regulatory subunit B", beta	ENST00000468169	-0,570739738
A_24_P941268	NM_007220	CA5B	carbonic anhydrase VB, mitochondrial	ENST00000318636	-0,570743377
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,570914795
A_33_P3216568	ENST00000356191	MUC5AC	mucin 5AC, oligomeric mucus/gel-forming	ENST00000356191	-0,570932779
A_23_P68851	NM_001039570	KREMEN1	kringle containing transmembrane protein 1	ENST00000400338	-0,570958585
A_23_P201747	NM_007365	PADI2	peptidyl arginine deiminase, type II	ENST00000375486	-0,571008951
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,571076233
A_33_P3244347	NM_001040716	PC	pyruvate carboxylase	ENST00000393960	-0,571100043
A_23_P141715	NM_015476	C18orf10	chromosome 18 open reading frame 10	ENST00000334295	-0,5711114967
A_19_P00317368	ENST00000415991	XLOC_002612		ENST00000415991	-0,571208798
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,571349055
A_33_P3225843	NM_173463	CCDC149	coiled-coil domain containing 149	ENST00000382116	-0,571426783
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,5714341
A_24_P379512	NM_005482	PIGK	phosphatidylinositol glycan anchor biosynthesis, class K	ENST00000370812	-0,571470763
A_24_P74571	NM_001002880	CBY1	chibby homolog 1 (Drosophila)	ENST00000489847	-0,571507351
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,571641456
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase,	ENST00000545925	-0,571839439
A_21_P0006917	TCONS_00018343	XLOC_008624			-0,572002561
A_23_P165090	NM_024407	NDUFS7	NADH dehydrogenase (ubiquinone) Fe-S protein 7, 20kDa (F	ENST00000534853	-0,572022071
A_23_P72387	NM_001134647	AFAP1	actin filament associated protein 1	ENST00000420658	-0,572084711
A_33_P3330826	NR_033937	LOC100132077	uncharacterized LOC100132077		-0,572090422
A_21_P0006504	THC2642571	XLOC_008005			-0,572316407
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,572387641
A_21_P0006705	ENST00000428766	XLOC_008619		ENST00000428766	-0,572443014
A_33_P3383866	NM_016381	TREX1	three prime repair exonuclease 1	ENST00000422277	-0,572617904
A_23_P114353	NM_032946	NXF5	nuclear RNA export factor 5	ENST00000263032	-0,57273382
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,572741067
A_21_P0004779	ENST00000417932	XLOC_005851		ENST00000417932	-0,572793865

A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125	-0,572914474
A_33_P3526458	BC043208	LOC338579	ankyrin repeat domain-containing protein 30B pseudogene		-0,57293007
A_23_P130961	NM_001972	ELANE	elastase, neutrophil expressed	ENST00000263621	-0,572994049
A_33_P3233565	NM_000375	UROS	uroporphyrinogen III synthase	ENST00000420761	-0,573383199
A_24_P321068	NM_001859	SLC31A1	solute carrier family 31 (copper transporters), member 1	ENST00000374210	-0,573442088
A_23_P4082	NM_006584	CCT6B	chaperonin containing TCP1, subunit 6B (zeta 2)	ENST00000436961	-0,573451751
A_23_P97632	NM_004446	EPRS	glutamyl-prolyl-tRNA synthetase	ENST00000468487	-0,573501289
A_23_P379200	NM_175736	FMNL3	formin-like 3	ENST00000335154	-0,573701112
A_33_P3332474	NM_001001413	GOLGA6L1	golgin A6 family-like 1	ENST00000424531	-0,573706465
A_23_P310582	NM_138729	ST7L	suppression of tumorigenicity 7 like	ENST00000418497	-0,573760084
A_23_P329962	NM_001030019	SUN3	Sad1 and UNC84 domain containing 3	ENST00000449896	-0,573770033
A_21_P0014763	XR_132529	LOC100652839			-0,573884897
A_23_P31721	NM_001951	E2F5	E2F transcription factor 5, p130-binding	ENST00000517476	-0,573969705
A_33_P3623118	AK054653	LOC153577	uncharacterized LOC153577		-0,573978605
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,574035891
A_21_P0011723	TCONS_I2_0001288	XLOC_I2_006937			-0,574169351
A_24_P38347	NM_001386	DPYSL2	dihydropyrimidinase-like 2	ENST00000545637	-0,574289173
A_33_P3385062	NM_024511	HAUS3	HAUS augmin-like complex, subunit 3	ENST00000243706	-0,574375326
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,574478926
A_23_P10305	NM_175859	CTPS2	CTP synthase II	ENST00000380207	-0,574569451
A_23_P103877	NM_001010847	LRRC38	leucine rich repeat containing 38	ENST00000376085	-0,574625183
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,574698504
A_24_P208909	NM_015271	TRIM2	tripartite motif containing 2	ENST00000338700	-0,574881995
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,574951907
A_32_P152195	NM_198993	STAC2	SH3 and cysteine rich domain 2	ENST00000333461	-0,574956316
A_32_P465742	NM_003558	PIP5K1B	phosphatidylinositol-4-phosphate 5-kinase, type I, beta	ENST00000265382	-0,575052699
A_23_P201979	NM_183013	CREM	cAMP responsive element modulator	ENST00000460270	-0,575076389
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,575078258
A_23_P59877	NM_001444	FABP5	fatty acid binding protein 5 (psoriasis-associated)	ENST00000458175	-0,575161784

A_23_P397341	NM_152341	PAQR4	progesterone and adiponectin receptor family member IV	ENST00000293978	-0,57526421
A_21_P0009010	TCONS_00024585	XLOC_011880			-0,575375056
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,575379665
A_23_P120316	NM_006636	MTHFD2	methylene tetrahydrofolate dehydrogenase (NADP+ dependant)	ENST00000394053	-0,575547918
A_23_P212159	NM_024923	NUP210	nucleoporin 210kDa	ENST00000254508	-0,575738197
A_33_P3422404	NM_032501	ACSS1	acyl-CoA synthetase short-chain family member 1	ENST00000376726	-0,575740509
A_33_P3321025	NM_020911	PLXNA4	plexin A4	ENST00000359827	-0,575757166
A_33_P3363425	NM_174938	FRMD3	FERM domain containing 3	ENST00000304195	-0,575821052
A_23_P139471	NM_001029	RPS26	ribosomal protein S26	ENST00000552361	-0,575825183
A_23_P153853	NM_001398	ECH1	enoyl CoA hydratase 1, peroxisomal	ENST00000221418	-0,575914063
A_33_P3240687	XM_002343311	LOC100287326	uncharacterized LOC100287326		-0,575931888
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,575968711
A_24_P163237	NM_020225	STOX2	storkhead box 2	ENST00000506529	-0,575993316
A_21_P0008283	AX721190	XLOC_011104			-0,576062216
A_33_P3415191	NM_005603	ATP8B1	ATPase, aminophospholipid transporter, class I, type 8B, membrane	ENST00000536015	-0,576107348
A_23_P21560	NM_030797	FAM49A	family with sequence similarity 49, member A	ENST00000406434	-0,576122856
A_23_P96369	NM_018015	CXorf57	chromosome X open reading frame 57	ENST00000372544	-0,576404512
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,57658377
A_23_P133956	NM_002263	KIFC1	kinesin family member C1	ENST00000480346	-0,576647298
A_23_P167227	NM_005327	HADH	hydroxyacyl-CoA dehydrogenase	ENST00000505878	-0,576676253
A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,576686667
A_23_P88904	NM_002528	NTHL1	nth endonuclease III-like 1 (E. coli)	ENST00000219066	-0,576741312
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,576757481
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,576812012
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,576932683
A_23_P52219	NM_006459	ERLIN1	ER lipid raft associated 1	ENST00000370410	-0,57727699
A_21_P0008461	ENST00000557581	XLOC_011068		ENST00000557581	-0,577476552
A_33_P3262694	XR_132608	LOC647086	chromosome 20 open reading frame 27 pseudogene		-0,577883291
A_23_P13907	NM_000618	IGF1	insulin-like growth factor 1 (somatomedin C)	ENST00000481539	-0,578020866

A_24_P76649	NM_198281	GPRIN3	GPRIN family member 3	ENST00000333209	-0,578033909
A_23_P116091	NM_130443	DPP3	dipeptidyl-peptidase 3	ENST00000543807	-0,578126185
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,578159196
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,578255181
A_23_P134295	NM_198949	NUDT1	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000397049	-0,578267595
A_32_P83049	NM_014971	EFR3B	EFR3 homolog B (<i>S. cerevisiae</i>)		-0,578287103
A_23_P10305	NM_175859	CTPS2	CTP synthase II	ENST00000380207	-0,578396682
A_33_P3317979	NM_001080467	MYO5B	myosin VB	ENST00000285039	-0,578444918
A_23_P100539	NM_001171	ABCC6	ATP-binding cassette, sub-family C (CFTR/MRP), member 6	ENST00000205558	-0,578542646
A_33_P3414907	NM_001200050	NPL	N-acetylneuraminatase pyruvate lyase (dihydrodipicolinate sy	ENST00000367555	-0,578566659
A_32_P170925	NM_052883	TXNRD3	thioredoxin reductase 3	ENST00000523403	-0,57857812
A_33_P3284939	NM_199129	TMEM189	transmembrane protein 189	ENST00000371652	-0,578683104
A_23_P501985	NM_172249	CSF2RA	colony stimulating factor 2 receptor, alpha, low-affinity (gra	ENST00000419094	-0,578727189
A_21_P0012110	THC2684837	XLOC_I2_008546			-0,578732932
A_33_P3816042	NR_027714	ACTR3BP2	ARP3 actin-related protein 3 homolog B (yeast) pseudogene	ENST00000421366	-0,57874033
A_33_P3346663	NM_004069	AP2S1	adaptor-related protein complex 2, sigma 1 subunit	ENST00000263270	-0,578777104
A_23_P149494	NM_015600	ABHD12	abhydrolase domain containing 12	ENST00000491682	-0,578808726
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,578962943
A_21_P0008223	TCONS_00022124	XLOC_010732			-0,579027131
A_23_P106362	NM_020980	AQP9	aquaporin 9	ENST00000219919	-0,579116598
A_33_P3243230	ENST00000401931	IL8	interleukin 8	ENST00000401931	-0,579131135
A_21_P0009082	TCONS_00024759	XLOC_012043			-0,579132554
A_24_P26897	NM_005539	INPP5A	inositol polyphosphate-5-phosphatase, 40kDa	ENST00000368594	-0,579202318
A_24_P217904	NM_033502	TRERF1	transcriptional regulating factor 1	ENST00000372922	-0,579314928
A_24_P148811	NM_003707	RUVBL1	RuvB-like 1 (<i>E. coli</i>)	ENST00000417360	-0,579363299
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,579409888
A_33_P3327200	NM_001001396	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,57941416
A_21_P0013246	NM_030570	UPK3B	uroplakin 3B	ENST00000490360	-0,579437076
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,579505325

A_23_P348767	NM_213631	C20orf132	chromosome 20 open reading frame 132	ENST00000400440	-0,579611613
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,579632346
A_23_P64721	NM_006018	HCAR3	hydroxycarboxylic acid receptor 3	ENST00000528880	-0,579652579
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,579666159
A_21_P0004082	ENST00000521116	HNRNPH1	heterogeneous nuclear ribonucleoprotein H1 (H)	ENST00000521116	-0,579689306
A_33_P3249649	NR_038865	C19orf29-AS1	C19orf29 antisense RNA 1 (non-protein coding)		-0,579751276
A_33_P3210099	NM_020778	ALPK3	alpha-kinase 3	ENST00000258888	-0,579789737
A_21_P0009908	ENST00000431460	XLOC_013787		ENST00000431460	-0,579792167
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependant)	ENST00000394053	-0,579858015
A_33_P3262758	NM_030930	UNC93B1	unc-93 homolog B1 (C. elegans)	ENST00000227471	-0,579897798
A_23_P380857	NM_030643	APOL4	apolipoprotein L, 4	ENST00000479929	-0,58015146
A_24_P384029	XR_132490	LOC100130171	hematological and neurological expressed 1 pseudogene		-0,58023035
A_24_P69538	NM_138554	TLR4	toll-like receptor 4	ENST00000472304	-0,580341008
A_21_P0004869	NR_038929	LOC100131289	uncharacterized LOC100131289		-0,580349531
A_32_P204676	NM_001444	FABP5	fatty acid binding protein 5 (psoriasis-associated)	ENST00000486269	-0,580355277
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependant)	ENST00000394053	-0,580475327
A_21_P0011821	NM_207328	GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	ENST00000471661	-0,580484675
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and 4)	ENST00000302347	-0,580728562
A_33_P3705907	NM_058190	FAM207A	family with sequence similarity 207, member A	ENST00000479127	-0,580834063
A_33_P3340025	NM_021067	GINS1	GINS complex subunit 1 (Psf1 homolog)	ENST00000262460	-0,580888198
A_23_P102950	NM_080860	RSPH1	radial spoke head 1 homolog (Chlamydomonas)	ENST00000493019	-0,580941107
A_23_P157865	NM_002160	TNC	tenascin C	ENST00000350763	-0,580969571
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ dependant)	ENST00000492183	-0,580980041
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,581045142
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,581197988
A_33_P3259183	NM_001017961	FAM78B	family with sequence similarity 78, member B	ENST00000338353	-0,581211508
A_23_P39931	NM_003494	DYSF	dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive)	ENST00000413539	-0,58130491
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,581354389
A_21_P0007065	ENST00000433152	XLOC_008501		ENST00000433152	-0,581514312

A_23_P171095	NM_001145073	USP27X	ubiquitin specific peptidase 27, X-linked		-0,581562439
A_23_P200396	NM_019118	TMEM234	transmembrane protein 234	ENST00000484490	-0,581643894
A_33_P3328360	NR_027033	MIRLET7BHG	MIRLET7B host gene (non-protein coding)	ENST00000360737	-0,581797591
A_23_P134477	NM_032350	C7orf50	chromosome 7 open reading frame 50	ENST00000397098	-0,581827303
A_23_P336644	NM_145034	TOR1AIP2	torsin A interacting protein 2	ENST00000367612	-0,581838866
A_23_P307968	NM_052836	CDH23	cadherin-related 23	ENST00000398842	-0,581961531
A_33_P3407469	NM_020884	MYH7B	myosin, heavy chain 7B, cardiac muscle, beta	ENST00000262873	-0,582011944
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,582020975
A_24_P344516	NR_003578	ZNF702P	zinc finger protein 702, pseudogene	ENST00000270443	-0,582310991
A_24_P287974	NM_017949	CUEDC1	CUE domain containing 1	ENST00000360238	-0,582439036
A_33_P3364626	ENST00000343105	TMEM194B	transmembrane protein 194B	ENST00000343105	-0,582475582
A_33_P3872301	BF570763	SNAR-C3	small ILF3/NF90-associated RNA C3		-0,582611209
A_19_P00315717	NM_001145191	FAM200B		ENST00000502502	-0,582831466
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,582833047
A_23_P117852	NM_014736	KIAA0101	KIAA0101	ENST00000380258	-0,582862258
A_33_P3383326	NM_057159	LPAR1	lysophosphatidic acid receptor 1	ENST00000374430	-0,582871269
A_33_P3711426	BM926530	SNHG8	small nucleolar RNA host gene 8 (non-protein coding)		-0,582903685
A_33_P3231297	NM_003851	CREG1	cellular repressor of E1A-stimulated genes 1	ENST00000370509	-0,582934412
A_33_P3407835	NM_144641	PPM1M	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1M	ENST00000296487	-0,582938709
A_21_P0003033	TCONS_00006230	XLOC_002821			-0,583052384
A_24_P256692	NM_198551	MIA3	melanoma inhibitory activity family, member 3	ENST00000344441	-0,583072204
A_33_P3250963	NR_015381	TP53TG1	TP53 target 1 (non-protein coding)		-0,58309184
A_21_P0001556	THC2764105	XLOC_000939			-0,583115705
A_21_P0002261	TCONS_00003800	XLOC_001595			-0,583128427
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,583141813
A_21_P0012349	ENST00000456279	XLOC_l2_009492		ENST00000456279	-0,583201289
A_24_P657226	NM_139173	SLC9B1	solute carrier family 9, subfamily B (cation proton antiporte	ENST00000416231	-0,583229265
A_24_P13381	NM_147204	TRPV4	transient receptor potential cation channel, subfamily V, m	ENST00000536838	-0,583312134
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,583353395

A_23_P57036	NM_001250	CD40	CD40 molecule, TNF receptor superfamily member 5	ENST00000477696	-0,583740408
A_24_P238499	NM_001012716	C18orf56	chromosome 18 open reading frame 56	ENST00000323813	-0,583927757
A_24_P296808	NM_018215	PNMAL1	PNMA-like 1	ENST00000313683	-0,583989952
A_24_P120115	NM_003879	CFLAR	CASP8 and FADD-like apoptosis regulator	ENST00000340870	-0,584150127
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,58441081
A_23_P216966	NM_000962	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H	ENST00000223423	-0,584480524
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877	-0,584481554
A_23_P258912	NM_003970	MYOM2	myomesin (M-protein) 2, 165kDa	ENST00000520298	-0,584506139
A_32_P135243	NM_015440	MTHFD1L	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000412301	-0,58457611
A_23_P406521	NM_178460	SIRPD	signal-regulatory protein delta	ENST00000381623	-0,584754338
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,584792164
A_33_P3415052	NM_001172292	NIPAL4	NIPA-like domain containing 4		-0,584855992
A_33_P3375368	NM_001195381	GPR35	G protein-coupled receptor 35	ENST00000407714	-0,584863565
A_24_P296254	NM_014783	ARHGAP11A	Rho GTPase activating protein 11A	ENST00000361627	-0,584870118
A_24_P41864	NM_006125	ARHGAP6	Rho GTPase activating protein 6	ENST00000380732	-0,585026381
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,585129919
A_23_P24616	NM_170601	SIAE	sialic acid acetyltransferase	ENST00000545756	-0,585141418
A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125	-0,58514685
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,585189447
A_21_P0000616	NR_033942	LOC728377	Rho guanine nucleotide exchange factor (GEF) 5 pseudogene		-0,585275951
A_32_P195401	NM_173511	FAM117B	family with sequence similarity 117, member B	ENST00000303116	-0,585301456
A_21_P0000661	NR_036536	SNHG4	small nucleolar RNA host gene 4 (non-protein coding)	ENST00000507197	-0,585452167
A_21_P0013470	NR_027425	FAM66D	family with sequence similarity 66, member D	ENST00000434078	-0,585473525
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase,	ENST00000545925	-0,585484395
A_24_P276932	NM_001039362	ATP6V1C2	ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C2	ENST00000381661	-0,585490373
A_23_P40718	NM_001003828	PARVB	parvin, beta	ENST00000406477	-0,585715816
A_24_P196384	XR_132594	LOC100129502	uncharacterized LOC100129502		-0,585824846
A_33_P3224206	XM_001719118	LOC100130800	uncharacterized LOC100130800	ENST00000443008	-0,585825503
A_21_P0001686	TCONS_00002054	XLOC_000236			-0,585842107

A_32_P44568	NM_005566	LDHA	lactate dehydrogenase A	ENST00000543695	-0,586071474
A_21_P0007024	TCONS_00018618	XLOC_008968			-0,586083698
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,586084129
A_23_P103864	NM_024525	TTC13	tetratricopeptide repeat domain 13	ENST00000414259	-0,586093764
A_19_P00322968	NR_038955	LOC100506190	uncharacterized LOC100506190		-0,586125401
A_33_P3367596	NM_001830	CLCN4	chloride channel 4	ENST00000380829	-0,586293712
A_33_P3734378	NR_027118	LOC285954	uncharacterized LOC285954	ENST00000415848	-0,586436529
A_23_P141429	NM_016428	ABI3	ABI family, member 3	ENST00000419580	-0,586959488
A_33_P3413701	NM_001040458	ERAP1	endoplasmic reticulum aminopeptidase 1	ENST00000443439	-0,586978132
A_33_P3257297	NM_001008723	CCDC147	coiled-coil domain containing 147	ENST00000369704	-0,587020825
A_23_P70634	NM_002511	NMBR	neuromedin B receptor	ENST00000258042	-0,587059099
A_23_P155989	NM_022145	CENPK	centromere protein K	ENST00000242872	-0,587103524
A_23_P16469	NM_001005377	PLAUR	plasminogen activator, urokinase receptor	ENST00000221264	-0,587215225
A_23_P133123	NM_032117	MND1	meiotic nuclear divisions 1 homolog (<i>S. cerevisiae</i>)	ENST00000240488	-0,587239634
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,58732129
A_23_P502170	NM_015522	DYNC2LI1	dynein, cytoplasmic 2, light intermediate chain 1	ENST00000479242	-0,587759073
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,587839735
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,58798915
A_33_P3344831	NM_018004	TMEM45A	transmembrane protein 45A	ENST00000489060	-0,587997506
A_21_P0012162	ENST00000412405	XLOC_I2_008760		ENST00000412405	-0,588025759
A_33_P3361067	NM_004827	ABCG2	ATP-binding cassette, sub-family G (WHITE), member 2	ENST00000237612	-0,588103049
A_33_P3333272	NM_001204210	TMEM235	transmembrane protein 235	ENST00000374946	-0,588139367
A_23_P105862	NM_023037	FRY	furry homolog (<i>Drosophila</i>)	ENST00000380257	-0,58836809
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,588387834
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,588403162
A_21_P0004315	TCONS_00010141	XLOC_004606			-0,588647345
A_23_P371410	NM_207578	PRKACB	protein kinase, cAMP-dependent, catalytic, beta	ENST00000370680	-0,588688562
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,588729159
A_33_P3396527	NM_006467	POLR3G	polymerase (RNA) III (DNA directed) polypeptide G (32kD)	ENST00000399107	-0,588793637

A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 'ENST00000545925	-0,588824901
A_21_P0012446	TCONS_I2_0001935	XLOC_I2_010239		-0,588857725
A_24_P204244	NR_001562	ANXA2P1	annexin A2 pseudogene 1	-0,588866359
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473 -0,588962134
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555 -0,589020616
A_24_P832426	NM_194318	B3GALT	beta 1,3-galactosyltransferase-like	ENST00000343307 -0,58904703
A_33_P3350621	NM_001111101	CNRIP1	cannabinoid receptor interacting protein 1	ENST00000409559 -0,589078586
A_23_P50946	NM_005855	RAMP1	receptor (G protein-coupled) activity modifying protein 1	ENST00000254661 -0,58914596
A_23_P97990	NM_002775	HTRA1	HtrA serine peptidase 1	ENST00000435263 -0,589260206
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877 -0,589351193
A_21_P0013574	NM_001242767	MTHFD1L	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000432011 -0,589357273
A_33_P3745146	NM_001098517	CADM1	cell adhesion molecule 1	ENST00000541434 -0,589432165
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557 -0,589448332
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145 -0,589531668
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822 -0,589626889
A_19_P00317431	NR_027103	LOC285375	uncharacterized LOC285375	ENST00000419618 -0,589731995
A_23_P157875	NM_002003	FCN1	ficolin (collagen/fibrinogen domain containing) 1	ENST00000308299 -0,589785168
A_23_P114210	NM_000307	POU3F4	POU class 3 homeobox 4	ENST00000373200 -0,589800783
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086 -0,590118366
A_33_P3330608	NM_032152	PRAM1	PML-RARA regulated adaptor molecule 1	ENST00000255612 -0,590168845
A_23_P104996	NM_004183	BEST1	bestrophin 1	ENST00000524877 -0,590301527
A_24_P6674	NM_001012361	WDR31	WD repeat domain 31	ENST00000341761 -0,590333446
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754 -0,59046822
A_33_P3313110	NM_024690	MUC16	mucin 16, cell surface associated	ENST00000397910 -0,590478705
A_23_P316637	NM_178463	C20orf166	chromosome 20 open reading frame 166	ENST00000370524 -0,590503929
A_23_P316812	NR_002796	AKR7A2P1	aldo-keto reductase family 7, member A2 pseudogene 1	-0,590557158
A_23_P137391	NM_001428	ENO1	enolase 1, (alpha)	ENST00000464920 -0,590582972
A_24_P303594	NM_001040135	ACTR3B	ARP3 actin-related protein 3 homolog B (yeast)	ENST00000468919 -0,590591018
A_33_P3273436	NM_138801	GALM	galactose mutarotase (aldose 1-epimerase)	ENST00000272252 -0,590743565

A_23_P90855	NM_014808	FARP2	FERM, RhoGEF and pleckstrin domain protein 2	ENST00000470617	-0,590775877
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,590974975
A_24_P345846	NM_058172	ANTXR2	anthrax toxin receptor 2	ENST00000295465	-0,590998416
A_23_P102988	NM_006440	TXNRD2	thioredoxin reductase 2	ENST00000471149	-0,591043759
A_23_P18692	NM_000671	ADH5	alcohol dehydrogenase 5 (class III), chi polypeptide	ENST00000296412	-0,591047629
A_23_P46025	NM_018208	ETNK2	ethanolamine kinase 2	ENST00000367198	-0,591090087
A_24_P263653	NM_004946	DOCK2	dedicator of cytokinesis 2	ENST00000343291	-0,591113629
A_24_P313180	ENST00000256319	C14orf1	chromosome 14 open reading frame 1	ENST00000256319	-0,591244198
A_24_P287043	NM_006435	IFITM2	interferon induced transmembrane protein 2 (1-8D)	ENST00000527146	-0,591282471
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,591458708
A_33_P3347452	NM_021135	RPS6KA2	ribosomal protein S6 kinase, 90kDa, polypeptide 2	ENST00000510118	-0,591552188
A_33_P3317005	NM_000578	SLC11A1	solute carrier family 11 (proton-coupled divalent metal ion	ENST00000486451	-0,591839799
A_19_P00318904	XR_108784	LOC100507525			-0,591901748
A_21_P0003384	ENST00000514327	XLOC_003631		ENST00000514327	-0,592014552
A_21_P0010210	ENST00000428410	XLOC_014099		ENST00000428410	-0,592015076
A_33_P3320772	NM_000332	ATXN1	ataxin 1	ENST00000450222	-0,592189124
A_21_P0005539	TCONS_00014003	XLOC_006644			-0,592251489
A_23_P203665	NM_018367	ACER3	alkaline ceramidase 3	ENST00000544113	-0,592253039
A_19_P00322962	NR_027139	SPIN3	spindlin family, member 3	ENST00000475785	-0,592256139
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,592276244
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,592322967
A_23_P34597	NM_001785	CDA	cytidine deaminase	ENST00000461985	-0,592528266
A_21_P0012147	NR_038337	LOC100505783	uncharacterized LOC100505783		-0,592672856
A_23_P111737	NM_005856	RAMP3	receptor (G protein-coupled) activity modifying protein 3	ENST00000242249	-0,59271526
A_23_P37441	NM_004048	B2M	beta-2-microglobulin	ENST00000396754	-0,592730893
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,592762946
A_23_P127915	NM_030906	STK33	serine/threonine kinase 33	ENST00000486305	-0,592824452
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, ')	ENST00000545925	-0,592855063
A_21_P0000780	NR_038362	ZNF345	zinc finger protein 345		-0,592878353

A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependant)	ENST00000394053	-0,592980518
A_23_P138693	NM_004808	NMT2	N-myristoyltransferase 2	ENST00000535341	-0,593014953
A_21_P0008358	ENST00000554225	XLOC_010879		ENST00000554225	-0,593106433
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and 3a)	ENST00000302347	-0,593120864
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, matrilysin)	ENST00000545925	-0,59320164
A_33_P3342081	NM_001198	PRDM1	PR domain containing 1, with ZNF domain	ENST00000369096	-0,593241778
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,593242979
A_33_P3352349	NM_001190460	KRTAP9-1	keratin associated protein 9-1	ENST00000377723	-0,593329992
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, matrilysin)	ENST00000545925	-0,59355701
A_23_P127557	NM_198439	KBTBD3	kelch repeat and BTB (POZ) domain containing 3	ENST00000531837	-0,593666947
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ dependant)	ENST00000394053	-0,593764033
A_23_P4782	NM_031896	CACNG7	calcium channel, voltage-dependent, gamma subunit 7	ENST00000222212	-0,59384542
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,593851321
A_23_P87257	NM_022061	MRPL17	mitochondrial ribosomal protein L17	ENST00000529958	-0,594012342
A_23_P152678	NM_015681	B9D1	B9 protein domain 1	ENST00000477683	-0,594080283
A_33_P3303212	NM_207310	CCDC74B	coiled-coil domain containing 74B	ENST00000468650	-0,594182828
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,594239548
A_23_P14193	NM_002915	RFC3	replication factor C (activator 1) 3, 38kDa	ENST00000380071	-0,594285035
A_21_P0009907	ENST00000417781	XLOC_013781		ENST00000417781	-0,594347558
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,59437958
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,594471779
A_23_P309739	NM_000125	ESR1	estrogen receptor 1	ENST00000206249	-0,594496563
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,594545131
A_23_P87238	NM_006512	SAA4	serum amyloid A4, constitutive	ENST00000524555	-0,59493106
A_24_P73577	NM_170697	ALDH1A2	aldehyde dehydrogenase 1 family, member A2	ENST00000537372	-0,594987738
A_21_P0007073	TCONS_00018797	XLOC_008583			-0,595137909
A_23_P25566	NM_004951	GPR183	G protein-coupled receptor 183	ENST00000376414	-0,595617323
A_33_P3221438	NM_152531	XXYL1	xyloside xylosyltransferase 1	ENST00000310380	-0,595640902
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,595687444

A_21_P0013736	DQ673922	NAMA	non-protein coding RNA, associated with MAP kinase pathway and growth arrest		-0,595725877
A_23_P137366	NM_000491	C1QB	complement component 1, q subcomponent, B chain	ENST00000314933	-0,59580163
A_24_P162293	NM_178040	ERC1	ELKS/RAB6-interacting/CAST family member 1	ENST00000397203	-0,59585416
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,595960812
A_23_P391228	NM_001031740	MANEAL	mannosidase, endo-alpha-like	ENST00000373045	-0,596041657
A_24_P85775	NM_001039477	C1orf38	chromosome 1 open reading frame 38	ENST00000373927	-0,596158729
A_21_P0007606	TCONS_00020518	XLOC_009836			-0,596170262
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,596218073
A_23_P66117	NM_032039	ITFG3	integrin alpha FG-GAP repeat containing 3	ENST00000301678	-0,596276098
A_21_P0009875	NR_015406	LOC149837	uncharacterized LOC149837	ENST00000456714	-0,59630917
A_33_P3253249	NM_002032	FTH1	ferritin, heavy polypeptide 1	ENST00000534180	-0,596531379
A_32_P107493	NM_153025	C16orf55	chromosome 16 open reading frame 55	ENST00000301031	-0,596536971
A_33_P3214550	NM_001557	CXCR2	chemokine (C-X-C motif) receptor 2	ENST00000318507	-0,596655693
A_23_P215634	NM_001013398	IGFBP3	insulin-like growth factor binding protein 3	ENST00000438491	-0,59679569
A_24_P191312	NM_003038	SLC1A4	solute carrier family 1 (glutamate/neutral amino acid transp	ENST00000480594	-0,596874812
A_21_P0005052	TCONS_00012260	XLOC_005811			-0,596895613
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,596980392
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,596983066
A_23_P27306	NM_130386	COLEC12	collectin sub-family member 12	ENST00000400256	-0,596988191
A_21_P0003917	CR936814	XLOC_004207			-0,5970361
A_19_P00315718	NM_001145191	FAM200B		ENST00000502502	-0,597120594
A_21_P0010978	AF001893	NEAT1	nuclear paraspeckle assembly transcript 1 (non-protein coding)		-0,597240034
A_23_P102471	NM_000251	MSH2	mutS homolog 2, colon cancer, nonpolyposis type 1 (E. coli)	ENST00000543555	-0,597278889
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,597343312
A_21_P0004641	NM_001198815	MUC22	mucin 22	ENST00000416716	-0,597344453
A_23_P329573	NM_000211	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000302347	-0,597418919
A_21_P0005983	NR_027442	LOC100288842	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransfer	ENST00000540063	-0,597427083
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase,	ENST00000545925	-0,597540839
A_24_P226008	NM_007283	MGLL	monoglyceride lipase	ENST00000536024	-0,597591518

A_21_P0000772	NR_038337	LOC100505783	uncharacterized LOC100505783		-0,597595992
A_32_P489	NR_038399	LOC100132735	uncharacterized LOC100132735	ENST00000414038	-0,597677075
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,598000044
A_23_P85783	NM_006623	PHGDH	phosphoglycerate dehydrogenase	ENST00000369407	-0,598076727
A_33_P3405966	NM_174964	ST3GAL3	ST3 beta-galactoside alpha-2,3-sialyltransferase 3	ENST00000372362	-0,598128405
A_23_P9255	NM_003177	SYK	spleen tyrosine kinase	ENST00000375754	-0,598128494
A_33_P3302881	NM_001003760	KLHL31	kelch-like 31 (Drosophila)	ENST00000407079	-0,598144738
A_33_P3223648	NR_037879	LOC100505876	uncharacterized LOC100505876	ENST00000406711	-0,598145336
A_21_P0006489	TCONS_00017154	XLOC_007956			-0,59818434
A_32_P19294	NM_144669	GLT1D1	glycosyltransferase 1 domain containing 1	ENST00000441390	-0,598218701
A_23_P503010	NM_153646	SLC24A4	solute carrier family 24 (sodium/potassium/calcium exchan	ENST00000532405	-0,598227459
A_23_P6818	NM_020163	SEMA3G	sema domain, immunoglobulin domain (Ig), short basic don	ENST00000231721	-0,598407324
A_33_P3284888	NM_198989	DLEU7	deleted in lymphocytic leukemia, 7	ENST00000335465	-0,598513573
A_33_P3267320	NM_052859	RFT1	RFT1 homolog (S. cerevisiae)	ENST00000296292	-0,598530666
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,598545233
A_23_P152620	NM_172088	TNFSF13	tumor necrosis factor (ligand) superfamily, member 13	ENST00000380535	-0,598592167
A_21_P0013767	BC048131	LOC550643	uncharacterized LOC550643		-0,598599564
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,598665878
A_33_P3225273	NM_001004128	QSOX1	quiescin Q6 sulfhydryl oxidase 1	ENST00000392029	-0,598672953
A_21_P0000680	NR_037605	LOC100506046	uncharacterized LOC100506046	ENST00000416578	-0,598701897
A_24_P393372	NM_001100913	PACS2	phosphofurin acidic cluster sorting protein 2	ENST00000447393	-0,598712665
A_33_P3297050	NM_033087	ALG2	asparagine-linked glycosylation 2, alpha-1,3-mannosyltransf	ENST00000238477	-0,598789719
A_23_P106661	NM_052999	CMTM1	CKLF-like MARVEL transmembrane domain containing 1	ENST00000379490	-0,59892871
A_21_P0002766	XM_001714709	LOC644662	uncharacterized LOC644662	ENST00000511512	-0,598930748
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,599070381
A_21_P0008755	W87326	XLOC_011520			-0,599116399
A_23_P255876	NM_012144	DNAI1	dynein, axonemal, intermediate chain 1	ENST00000396929	-0,599194157
A_23_P26810	NM_000546	TP53	tumor protein p53	ENST00000396473	-0,599254581
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,599320903

A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,599584224
A_33_P3383233	NM_201535	NDRG2	NDRG family member 2	ENST00000397847	-0,599698236
A_23_P131990	NM_014588	VSX1	visual system homeobox 1	ENST00000557285	-0,59995058
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,599977703
A_23_P112798	NM_001312	CRIP2	cysteine-rich protein 2	ENST00000548309	-0,600115633
A_24_P277747	NM_006586	CNPY3	canopy 3 homolog (zebrafish)	ENST00000372836	-0,600166018
A_23_P8981	NM_000349	STAR	steroidogenic acute regulatory protein	ENST00000520114	-0,600378186
A_23_P356004	NM_013434	KCNIP3	Kv channel interacting protein 3, calsenilin	ENST00000377181	-0,600389202
A_19_P00317034	ENST00000515286	Q46FH2		ENST00000515286	-0,600416377
A_33_P3341586	NM_001037633	SIL1	SIL1 homolog, endoplasmic reticulum chaperone (S. cerevis	ENST00000394817	-0,600470197
A_23_P1320	NM_021245	MYOZ1	myozenin 1	ENST00000359322	-0,600484352
A_23_P339119	NM_024560	ACSS3	acyl-CoA synthetase short-chain family member 3	ENST00000548324	-0,600525916
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,600689209
A_23_P109593	NM_014346	TBC1D22A	TBC1 domain family, member 22A	ENST00000355704	-0,600747295
A_21_P0014096	XR_108421	LOC100507265	uncharacterized LOC100507265		-0,600862452
A_21_P0010854	NR_027916	AKR1CL1	aldo-keto reductase family 1, member C-like 1	ENST00000432689	-0,600941209
A_23_P217845	NM_002928	RGS16	regulator of G-protein signaling 16	ENST00000367558	-0,601012034
A_24_P149124	NM_004772	C5orf13	chromosome 5 open reading frame 13	ENST00000446294	-0,601098015
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,601136923
A_24_P286569	NM_018697	LANCL2	LanC lantibiotic synthetase component C-like 2 (bacterial)	ENST00000254770	-0,601136941
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,601247528
A_23_P217269	NM_007268	VSIG4	V-set and immunoglobulin domain containing 4	ENST00000412866	-0,601311917
A_23_P131050	NM_030924	ACSBG2	acyl-CoA synthetase bubblegum family member 2	ENST00000252669	-0,60147596
A_21_P0013498	TCONS_I2_0002789	XLOC_I2_014289			-0,601586481
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,601848089
A_24_P260101	NM_007289	MME	membrane metallo-endopeptidase	ENST00000460393	-0,601883781
A_23_P207387	NM_032484	GHDC	GH3 domain containing	ENST00000301671	-0,602087031
A_23_P40174	NM_004994	MMP9	matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 'ENST00000545925	ENST00000545925	-0,602227366
A_33_P3346338	NM_001145088	WDR67	WD repeat domain 67	ENST00000378080	-0,602625511

A_23_P161424	NM_032812	PLXDC2	plexin domain containing 2	ENST00000536022	-0,602645359
A_23_P103099	NM_001031695	RBFOX2	RNA binding protein, fox-1 homolog (C. elegans) 2	ENST00000438146	-0,60266081
A_21_P0009053	TCONS_00024718	XLOC_011999			-0,602687734
A_33_P3569068	NM_003550	MAD1L1	MAD1 mitotic arrest deficient-like 1 (yeast)	ENST00000265854	-0,602719366
A_23_P164196	NM_138281	DLX4	distal-less homeobox 4	ENST00000411890	-0,602783835
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,6027842
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,602818256
A_33_P3409944	NM_005272	GNAT2	guanine nucleotide binding protein (G protein), alpha trans	ENST00000351050	-0,602838443
A_33_P3393121	NR_001573	RBM3AP	RNA binding motif protein, Y-linked, family 3, member A pseudogene		-0,602867694
A_24_P407930	NM_031216	SEH1L	SEH1-like (S. cerevisiae)	ENST00000262124	-0,602949203
A_23_P120316	NM_006636	MTHFD2	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000394053	-0,602966068
A_33_P3302518	NM_001243342	CCDC40	coiled-coil domain containing 40	ENST00000269318	-0,603192597
A_32_P52911	NM_018269	ADI1	acireductone dioxygenase 1	ENST00000327435	-0,603344731
A_32_P96435	NM_001037232	ZNF829	zinc finger protein 829	ENST00000391711	-0,603435474
A_24_P416131	NM_021149	COTL1	coactosin-like 1 (Dictyostelium)	ENST00000262428	-0,603575389
A_23_P336554	NM_134470	IL1RAP	interleukin 1 receptor accessory protein	ENST00000422485	-0,603807326
A_23_P147245	NM_017784	OSBPL10	oxysterol binding protein-like 10	ENST00000396556	-0,603881409
A_19_P00811440	TCONS_00004564	XLOC_002473			-0,603901999
A_33_P3405424	NM_172374	IL4I1	interleukin 4 induced 1	ENST00000341114	-0,60391205
A_24_P83738	NM_198188	ASTN2	astrotactin 2	ENST00000361477	-0,604046027
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,604064996
A_24_P370472	NM_021983	HLA-DRB4	major histocompatibility complex, class II, DR beta 4	ENST00000411959	-0,604228524
A_23_P156880	NM_006208	ENPP1	ectonucleotide pyrophosphatase/phosphodiesterase 1	ENST00000513998	-0,60434878
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,604446102
A_33_P3369964	NR_024612	ATXN1L	ataxin 1-like		-0,60445732
A_33_P3255664	ENST00000474046	PBX1	pre-B-cell leukemia homeobox 1	ENST00000474046	-0,604467637
A_21_P0011051	ENST00000551082	XLOC_I2_003053		ENST00000551082	-0,604503848
A_23_P207742	NM_003250	THRA	thyroid hormone receptor, alpha	ENST00000394121	-0,604525561
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,604727016

A_33_P3341105	NM_002602	PDE6G	phosphodiesterase 6G, cGMP-specific, rod, gamma	ENST00000331056	-0,604928379
A_24_P187970	NM_007365	PADI2	peptidyl arginine deiminase, type II	ENST00000375481	-0,60494929
A_19_P00317683	BC038559	LOC100506190	uncharacterized LOC100506190		-0,605118645
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,605183488
A_21_P0009401	TCONS_00026020	XLOC_012360			-0,605351073
A_21_P0000088	NM_001172658	ZFYVE28	zinc finger, FYVE domain containing 28	ENST00000509171	-0,605358662
A_24_P99090	NM_018204	CKAP2	cytoskeleton associated protein 2	ENST00000398044	-0,60538266
A_33_P3315425	NM_022840	METTL4	methyltransferase like 4	ENST00000319888	-0,605500973
A_23_P362191	NR_026951	LINC00324	long intergenic non-protein coding RNA 324	ENST00000315707	-0,605531133
A_23_P100386	NM_152456	IL34	interleukin 34	ENST00000429149	-0,605748898
A_19_P00328996	AK057050	XLOC_I2_015037			-0,605812022
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,605889554
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,606063274
A_33_P3420078	ENST00000367368	LRP11	low density lipoprotein receptor-related protein 11	ENST00000367368	-0,606233432
A_23_P117274	NM_005932	MIPEP	mitochondrial intermediate peptidase	ENST00000382172	-0,606298106
A_23_P120883	NM_002133	HMOX1	heme oxygenase (decycling) 1	ENST00000216117	-0,606364842
A_32_P175934	NM_001778	CD48	CD48 molecule	ENST00000368046	-0,606407133
A_21_P0010882	ENST00000443523	XLOC_I2_001986		ENST00000443523	-0,606499037
A_21_P0003999	THC2620722	XLOC_004382			-0,606598961
A_19_P00319800	NR_040074	LOC100287225	uncharacterized LOC100287225	ENST00000435144	-0,606601116
A_23_P387184	NM_020464	NHSL1	NHS-like 1	ENST00000343505	-0,606721008
A_33_P3361422	NM_000784	CYP27A1	cytochrome P450, family 27, subfamily A, polypeptide 1	ENST00000494263	-0,606776612
A_24_P183664	NM_014817	TRIL	TLR4 interactor with leucine-rich repeats	ENST00000322982	-0,606835121
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,606855015
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,606863759
A_23_P149545	NM_003528	HIST2H2BE	histone cluster 2, H2be	ENST00000369155	-0,606988554
A_33_P3266285	NM_001034842	PTCHD3	patched domain containing 3	ENST00000438700	-0,607110507
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,60711703
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,607272235

A_33_P3279470	NM_001138	AGRP	agouti related protein homolog (mouse)	ENST00000290953	-0,607512147
A_33_P3384108	NM_194255	SLC19A1	solute carrier family 19 (folate transporter), member 1	ENST00000311124	-0,607588423
A_21_P0010473	BC040576	XLOC_014323		ENST00000422876	-0,607762964
A_23_P309739	NM_000125	ESR1	estrogen receptor 1	ENST00000206249	-0,607783919
A_21_P0006079	ENST00000432148	XLOC_007722		ENST00000432148	-0,60808673
A_23_P414519	NM_016588	NRN1	neuritin 1	ENST00000495850	-0,608155275
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,608395883
A_19_P00807628	NR_033896	FLJ46906	uncharacterized LOC441172	ENST00000432673	-0,608411851
A_21_P0007473	TCONS_00020154	XLOC_009604			-0,608508153
A_23_P3532	NM_004862	LITAF	lipopolysaccharide-induced TNF factor	ENST00000381810	-0,608515701
A_33_P3339212	NM_004237	TRIP13	thyroid hormone receptor interactor 13	ENST00000166345	-0,608543066
A_24_P42693	NM_021187	CYP4F11	cytochrome P450, family 4, subfamily F, polypeptide 11	ENST00000326742	-0,608544496
A_33_P3406072	NM_001244959	FRMD3	FERM domain containing 3	ENST00000304195	-0,608576572
A_21_P0005729	ENST00000519412	XLOC_006858		ENST00000519412	-0,60860627
A_23_P19852	NM_152558	IQCE	IQ motif containing E	ENST00000404984	-0,608674425
A_21_P0007657	TCONS_00021246	XLOC_009937			-0,608750074
A_23_P60248	NM_003329	TXN	thioredoxin	ENST00000487892	-0,608905474
A_33_P3253440	NM_152391	PQLC3	PQ loop repeat containing 3	ENST00000487471	-0,608935365
A_33_P3403576	NM_001136219	FCGR2A	Fc fragment of IgG, low affinity IIa, receptor (CD32)	ENST00000271450	-0,608962147
A_21_P0000571	NR_028484	C22orf45	chromosome 22 open reading frame 45	ENST00000543438	-0,608987828
A_33_P3239332	BC040725	LOC284260	uncharacterized LOC284260		-0,60902491
A_23_P104741	NM_032531	KIRREL3	kin of IRRE like 3 (Drosophila)	ENST00000525144	-0,609035338
A_23_P45099	NM_002125	HLA-DRB5	major histocompatibility complex, class II, DR beta 5	ENST00000374975	-0,609037523
A_24_P377144	NM_058172	ANTXR2	anthrax toxin receptor 2	ENST00000307333	-0,609081448
A_23_P151820	NM_024832	RIN3	Ras and Rab interactor 3	ENST00000428147	-0,609194955
A_21_P0013873	ENST00000427671	XLOC_I2_015842		ENST00000427671	-0,609271101
A_23_P12733	NM_018649	H2AFY2	H2A histone family, member Y2	ENST00000373255	-0,609299753
A_23_P370682	NM_138456	BATF2	basic leucine zipper transcription factor, ATF-like 2	ENST00000527454	-0,609330198
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,609590165

A_33_P3399718	XM_001716411	LOC128322	nuclear transport factor 2-like		-0,609677566
A_33_P3252695	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,609703832
A_23_P66432	NM_032646	TTYH2	tweety homolog 2 (Drosophila)	ENST00000441391	-0,609719779
A_23_P401709	NM_152504	C20orf196	chromosome 20 open reading frame 196	ENST00000445603	-0,609881209
A_24_P349965	NM_007109	TCF19	transcription factor 19	ENST00000400401	-0,609884646
A_24_P408457	NM_000262	NAGA	N-acetylgalactosaminidase, alpha-	ENST00000396398	-0,60990253
A_33_P3290780	NM_001185156	IL24	interleukin 24	ENST00000491169	-0,609958104
A_24_P304051	NM_004832	GSTO1	glutathione S-transferase omega 1	ENST00000493946	-0,610041684
A_33_P3620087	BC030752	LOC400756	uncharacterized LOC400756	ENST00000453229	-0,610189055
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,610228592
A_24_P330112	NM_018048	MAGOHB	mago-nashi homolog B (Drosophila)		-0,610290584
A_24_P237936	NM_175769	TCF23	transcription factor 23	ENST00000296096	-0,610404497
A_33_P3347168	NM_005647	TBL1X	transducin (beta)-like 1X-linked	ENST00000407597	-0,610414541
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,61049524
A_23_P55356	NM_182566	VMO1	vitelline membrane outer layer 1 homolog (chicken)	ENST00000441199	-0,610513224
A_23_P112004	NM_012472	LRR6	leucine rich repeat containing 6	ENST00000395414	-0,610703329
A_33_P3264394	AK127311	ASPSR1	alveolar soft part sarcoma chromosome region, candidate 1		-0,610703447
A_23_P131899	NM_080489	SDCBP2	syndecan binding protein (syntenin) 2	ENST00000360779	-0,610721827
A_23_P126752	NM_004930	CAPZB	capping protein (actin filament) muscle Z-line, beta	ENST00000375145	-0,611141689
A_23_P138725	NM_031484	MARVELD1	MARVEL domain containing 1	ENST00000285605	-0,611151256
A_23_P200096	NM_025106	SPSB1	splA/ryanodine receptor domain and SOCS box containing 1	ENST00000377399	-0,611156334
A_23_P122863	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000402497	-0,611193869
A_21_P0009158	ENST00000458492	XLOC_012115		ENST00000458492	-0,611207026
A_23_P70688	NM_004271	LY86	lymphocyte antigen 86	ENST00000230568	-0,611220206
A_19_P00322904	NM_173463	CCDC149	coiled-coil domain containing 149	ENST00000505471	-0,611237707
A_21_P0011831	TCONS_I2_0001385	XLOC_I2_007456			-0,611239403
A_21_P0001427	THC2787393	XLOC_000584			-0,611308498
A_23_P146946	NM_001323	CST6	cystatin E/M	ENST00000312134	-0,611372502
A_23_P502336	NM_013447	EMR2	egf-like module containing, mucin-like, hormone receptor-li	ENST00000315576	-0,611393273

A_23_P70249	NM_001790	CDC25C	cell division cycle 25 homolog C (<i>S. pombe</i>)	ENST00000356505	-0,611483543
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,611648776
A_23_P62335	NM_018196	TMLHE	trimethyllysine hydroxylase, epsilon	ENST00000369439	-0,611653933
A_23_P120002	NM_004510	SP110	SP110 nuclear body protein	ENST00000338556	-0,611684633
A_23_P118025	NM_022355	DPEP2	dipeptidase 2	ENST00000412757	-0,611713777
A_32_P49668	XM_003403393	LOC100653060	putative POM121-like protein 1-like		-0,611885657
A_33_P3417626	NM_198573	ENHO	energy homeostasis associated	ENST00000303992	-0,612006328
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,612082548
A_21_P0010092	TCONS_00028559	XLOC_013547			-0,612113596
A_24_P386622	NM_004041	ARRB1	arrestin, beta 1	ENST00000360025	-0,612185762
A_19_P00322939	NR_003367	PVT1			-0,612323079
A_23_P12746	NM_002438	MRC1	mannose receptor, C type 1	ENST00000239761	-0,612406154
A_23_P215060	NM_001018111	PODXL	podocalyxin-like	ENST00000541194	-0,612438851
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,612667602
A_23_P146908	NM_004853	STX8	syntaxin 8	ENST00000306357	-0,612836189
A_21_P0007799	TCONS_00020993	XLOC_010257			-0,612873106
A_32_P41026	NM_001024956	SC5DL	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, <i>S. cerevisiae</i>)-like		-0,612900168
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,612916756
A_23_P100539	NM_001171	ABCC6	ATP-binding cassette, sub-family C (CFTR/MRP), member 6	ENST00000205558	-0,613055173
A_21_P0003301	TCONS_00007281	XLOC_003284			-0,613130364
A_33_P3245631	NM_001080494	TTC39A	tetratricopeptide repeat domain 39A	ENST00000524442	-0,613190116
A_23_P300076	NM_032263	IQCG	IQ motif containing G	ENST00000490748	-0,613254468
A_21_P0012475	TCONS_I2_0001966	XLOC_I2_010489			-0,613277884
A_23_P48669	NM_005192	CDKN3	cyclin-dependent kinase inhibitor 3	ENST00000555837	-0,613454942
A_23_P212105	NM_001351	DAZL	deleted in azoospermia-like	ENST00000399444	-0,61363357
A_33_P3356863	AK128846	LOC100128172	uncharacterized LOC100128172		-0,613648088
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380	-0,613654533
A_24_P330796	NM_017777	MKS1	Meckel syndrome, type 1	ENST00000337050	-0,613744033
A_23_P104224	NM_138933	A1CF	APOBEC1 complementation factor	ENST00000395489	-0,613801216

A_33_P3410654	NM_205852	CLEC12B	C-type lectin domain family 12, member B	ENST00000396502	-0,613976305
A_21_P0009779	THC2570509	XLOC_013429			-0,613993789
A_23_P433369	NM_015473	HEATR5A	HEAT repeat containing 5A	ENST00000389961	-0,614090691
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,614214666
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,614249803
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,614251048
A_23_P423237	NM_000231	SGCG	sarcoglycan, gamma (35kDa dystrophin-associated glycoprotein)	ENST00000537476	-0,614303143
A_23_P361049	NM_012223	MYO1B	myosin IB	ENST00000439065	-0,614392935
A_23_P117662	NM_002112	HDC	histidine decarboxylase	ENST00000267845	-0,614509863
A_33_P3416568	ENST00000367596	AIG1	androgen-induced 1	ENST00000367596	-0,614663244
A_23_P116557	NM_009587	LGALS9	lectin, galactoside-binding, soluble, 9	ENST00000467111	-0,614671
A_19_P00322929	ENST00000513179	XLOC_003870	0	ENST00000513179	-0,614711814
A_23_P131089	NM_198471	KANK3	KN motif and ankyrin repeat domains 3	ENST00000330915	-0,614729849
A_23_P103310	NM_002963	S100A7	S100 calcium binding protein A7	ENST00000368723	-0,614796747
A_23_P117298	NM_000131	F7	coagulation factor VII (serum prothrombin conversion accelerating component)	ENST00000346342	-0,614814352
A_24_P940434	AK094364	LOC439914	uncharacterized LOC439914	ENST00000316124	-0,614968931
A_23_P23584	NM_020248	CTNNBIP1	catenin, beta interacting protein 1	ENST00000377263	-0,615173836
A_21_P0004268	TCONS_00010003	XLOC_004439			-0,615228147
A_24_P145629	NM_178865	SERINC2	serine incorporator 2	ENST00000536859	-0,615234025
A_24_P176493	NM_015251	ATMIN	ATM interactor	ENST00000299575	-0,615367676
A_33_P3844650	NM_012098	ANGPTL2	angiopoietin-like 2	ENST00000373417	-0,615597015
A_23_P421306	NM_177963	SYT12	synaptotagmin XII	ENST00000393946	-0,615872901
A_23_P10305	NM_175859	CTPS2	CTP synthase II	ENST00000380207	-0,615882546
A_33_P3294459	NR_024086	COPG2IT1	COPG2 imprinted transcript 1 (non-protein coding)		-0,615949046
A_23_P102117	NM_025216	WNT10A	wingless-type MMTV integration site family, member 10A	ENST00000258411	-0,616002663
A_23_P35609	NM_000375	UROS	uroporphyrinogen III synthase	ENST00000420761	-0,616029212
A_33_P3782529	NR_037898	LOC553103	uncharacterized LOC553103	ENST00000417795	-0,616033125
A_33_P3273173	NM_004651	USP11	ubiquitin specific peptidase 11	ENST00000489030	-0,616348315
A_23_P9614	NM_020142	NDUFA4L2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2	ENST00000555173	-0,616371583

A_33_P3231447	NM_000210	ITGA6	integrin, alpha 6	ENST00000409532	-0,616543911
A_23_P361405	NM_003549	HYAL3	hyaluronoglucosaminidase 3	ENST00000336307	-0,616624016
A_23_P145718	NM_001637	AOAH	acyloxyacyl hydrolase (neutrophil)	ENST00000483864	-0,616638111
A_23_P154208	NM_017567	NAGK	N-acetylglucosamine kinase	ENST00000455197	-0,616997835
A_23_P342108	NM_152612	CCDC116	coiled-coil domain containing 116	ENST00000292779	-0,617038155
A_23_P31143	NM_001003395	TPD52L1	tumor protein D52-like 1	ENST00000392482	-0,617157255
A_23_P211401	NM_001039570	KREMEN1	kringle containing transmembrane protein 1	ENST00000407188	-0,617267764
A_23_P102864	NM_002772	TMPRSS15	transmembrane protease, serine 15	ENST00000284885	-0,617287492
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,617520663
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen)	ENST00000543145	-0,617677018
A_21_P0009342	NR_030732	LOC645638	WDMN1-like pseudogene		-0,617979439
A_23_P66948	NM_022751	FAM59A	family with sequence similarity 59, member A	ENST00000269209	-0,61817681
A_24_P234856	NM_001745	CAMLG	calcium modulating ligand	ENST00000297156	-0,618256437
A_24_P323114	NR_001446	ANXA2P3	annexin A2 pseudogene 3		-0,618351422
A_33_P3316786	NM_080759	DACH1	dachshund homolog 1 (Drosophila)	ENST00000359684	-0,61877965
A_33_P3369760	NM_022343	GLIPR2	GLI pathogenesis-related 2	ENST00000377959	-0,618944142
A_23_P87545	NM_021034	IFITM3	interferon induced transmembrane protein 3	ENST00000531688	-0,61916418
A_21_P0000166	NM_001205281	LOC100506012	serine/threonine-protein phosphatase 5-like		-0,619407173
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,619417711
A_32_P538180	NM_178422	PAQR7	progesterone and adiponectin receptor family member VII	ENST00000374296	-0,619447969
A_33_P3247205	NM_022746	Mar-01	mitochondrial amidoxime reducing component 1	ENST00000366910	-0,619843019
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,620141312
A_23_P380998	NM_015361	R3HDM1	R3H domain containing 1	ENST00000329971	-0,620409167
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,620577438
A_33_P3332393	ENST00000372244	TMEM53	transmembrane protein 53	ENST00000372244	-0,620704713
A_23_P40821	NM_032383	HPS3	Hermansky-Pudlak syndrome 3	ENST00000460822	-0,620868756
A_33_P3261463	AL713743	FLJ42875	uncharacterized LOC440556		-0,620895799
A_33_P3376404	NM_017883	WDR13	WD repeat domain 13	ENST00000486125	-0,621305715
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,621402713

A_21_P0010728	NM_001244910	FCGR1B	Fc fragment of IgG, high affinity Ib, receptor (CD64)	ENST00000369178	-0,621427619
A_21_P0012422	TCONS_I2_0001907	XLOC_I2_010056			-0,621453727
A_23_P205074	NM_181785	SLC46A3	solute carrier family 46, member 3	ENST00000266943	-0,621890445
A_33_P3392580	NM_013411	AK2	adenylate kinase 2	ENST00000373449	-0,622087014
A_23_P78871	NM_024076	KCTD15	potassium channel tetramerisation domain containing 15	ENST00000413790	-0,622189188
A_21_P0010377	ENST00000420180	XLOC_014338		ENST00000420180	-0,622238533
A_23_P398172	NM_020819	FAM135A	family with sequence similarity 135, member A	ENST00000361499	-0,622329517
A_23_P259797	NM_174917	ACSF3	acyl-CoA synthetase family member 3	ENST00000542688	-0,622850968
A_33_P3256303	NM_001206609	SELPLG	selectin P ligand	ENST00000388962	-0,622871002
A_33_P3242623	NM_014331	SLC7A11	solute carrier family 7 (anionic amino acid transporter light	ENST00000280612	-0,623035486
A_33_P3410351	NM_000848	GSTM2	glutathione S-transferase mu 2 (muscle)	ENST00000476040	-0,623059458
A_23_P148194	NM_018269	ADI1	acireductone dioxygenase 1	ENST00000327435	-0,623078436
A_21_P0010670	ENST00000446962	XLOC_I2_001302		ENST00000446962	-0,623124906
A_23_P395172	NM_007011	ABHD2	abhydrolase domain containing 2	ENST00000352732	-0,623231431
A_23_P70785	NM_001624	AIM1	absent in melanoma 1	ENST00000369066	-0,623840164
A_33_P3310104	NM_002639	SERPINB5	serpin peptidase inhibitor, clade B (ovalbumin), member 5	ENST00000382771	-0,623879931
A_23_P502654	NM_004169	SHMT1	serine hydroxymethyltransferase 1 (soluble)	ENST00000352886	-0,624101253
A_24_P66027	NM_004900	APOBEC3B	apolipoprotein B mRNA editing enzyme, catalytic polypeptid	ENST00000335760	-0,624148315
A_33_P3365034	ENST00000339805	GPR17	G protein-coupled receptor 17	ENST00000339805	-0,624178546
A_24_P132383	NM_175571	GIMAP8	GTPase, IMAP family member 8	ENST00000307271	-0,624758281
A_33_P3336760	NM_018849	ABCB4	ATP-binding cassette, sub-family B (MDR/TAP), member 4	ENST00000265723	-0,624776099
A_23_P29769	NM_015472	WWTR1	WW domain containing transcription regulator 1	ENST00000494754	-0,62484342
A_23_P20606	NM_015469	NIPSNAP3A	nipsnap homolog 3A (C. elegans)	ENST00000374767	-0,624878589
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,62528561
A_33_P3318966	NM_173802	METTL20	methyltransferase like 20	ENST00000395763	-0,625336655
A_23_P309739	NM_000125	ESR1	estrogen receptor 1	ENST00000206249	-0,625421368
A_21_P0014656	XR_110924	ARSD-AS1	ARSD antisense RNA 1 (non-protein coding)		-0,625442161
A_33_P3215059	NM_145080	NSMCE1	non-SMC element 1 homolog (S. cerevisiae)	ENST00000361439	-0,625457586
A_33_P3382162	NM_000449	RFX5	regulatory factor X, 5 (influences HLA class II expression)	ENST00000368870	-0,625521029

A_21_P0001336	ENST00000479252	LRRC8C	leucine rich repeat containing 8 family, member C	ENST00000479252	-0,625592406
A_23_P67847	NM_024572	GALNT14	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000356174	-0,625699902
A_19_P00320602	BC038559	LOC100506190	uncharacterized LOC100506190		-0,625711558
A_23_P44836	NM_022908	NT5DC2	5'-nucleotidase domain containing 2	ENST00000478091	-0,625815762
A_21_P0007351	ENST00000530941	XLOC_009436		ENST00000530941	-0,625872529
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,626117664
A_33_P3375859	NR_002712	CXCR2P1	chemokine (C-X-C motif) receptor 2 pseudogene 1	ENST00000439871	-0,626280737
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,626299885
A_23_P29723	NM_001012410	SGOL1	shugoshin-like 1 (S. pombe)	ENST00000383774	-0,62650225
A_23_P340333	NM_033397	ITPRIP	inositol 1,4,5-trisphosphate receptor interacting protein	ENST00000358187	-0,626522541
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,626631194
A_23_P336612	NM_173528	C15orf26	chromosome 15 open reading frame 26	ENST00000286732	-0,626700036
A_23_P349882	NM_005388	PDCL	phosducin-like	ENST00000259467	-0,626714064
A_24_P293530	NM_178033	CYP4X1	cytochrome P450, family 4, subfamily X, polypeptide 1	ENST00000538609	-0,626715077
A_32_P62863	NM_014575	SCHIP1	schwannomin interacting protein 1	ENST00000412423	-0,626753064
A_33_P3316456	NM_001200050	NPL	N-acetylneuraminatase pyruvate lyase (dihydrodipicolinate sy	ENST00000258317	-0,626754718
A_23_P140725	NM_014714	IFT140	intraflagellar transport 140 homolog (Chlamydomonas)	ENST00000426508	-0,626758711
A_24_P82493	NM_024819	DCAKD	dephospho-CoA kinase domain containing	ENST00000342350	-0,626792878
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,626948459
A_21_P0005644	TCONS_00014576	XLOC_006686			-0,62699216
A_33_P3396344	NR_003713	LOC728613	programmed cell death 6 pseudogene		-0,627083118
A_33_P3269539	NM_058174	COL6A2	collagen, type VI, alpha 2	ENST00000357838	-0,627109781
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,627122482
A_19_P00320814	ENST00000430635	XLOC_I2_009205		ENST00000430635	-0,627343008
A_23_P147431	NM_002350	LYN	v-src-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,627453715
A_33_P3226167	NM_022833	FAM129B	family with sequence similarity 129, member B	ENST00000373312	-0,627500738
A_24_P220454	NM_181552	CUX1	cut-like homeobox 1	ENST00000360264	-0,627653314
A_24_P246518	NM_052892	PKD1L2	polycystic kidney disease 1-like 2	ENST00000299598	-0,627722028
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,627753588

A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,62797429
A_24_P114249	NM_004482	GALNT3	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosyltransferase 3	ENST00000392701	-0,628110482
A_23_P145895	NR_015381	TP53TG1	TP53 target 1 (non-protein coding)		-0,628135218
A_23_P147431	NM_002350	LYN	v-src-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,628729419
A_33_P3309556	NM_006504	PTPRE	protein tyrosine phosphatase, receptor type, E		-0,628757424
A_21_P0008148	TCONS_00021981	XLOC_010584			-0,628894858
A_32_P180315	NM_020893	C9orf174	chromosome 9 open reading frame 174	ENST00000529787	-0,629317597
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,629428562
A_23_P212284	NM_015426	POC1A	POC1 centriolar protein homolog A (Chlamydomonas)	ENST00000394970	-0,630121502
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,630206251
A_23_P33364	NM_001009555	SH3D19	SH3 domain containing 19	ENST00000514152	-0,630380135
A_21_P0009755	THC2694211	XLOC_013284			-0,630572555
A_24_P318656	NM_000212	ITGB3	integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	ENST00000262017	-0,630620732
A_23_P1691	NM_002421	MMP1	matrix metalloproteinase 1 (interstitial collagenase)	ENST00000315274	-0,630650001
A_21_P0012487	AW963197	XLOC_l2_010511			-0,630663525
A_33_P3242578	XR_110231	LOC100506731	uncharacterized LOC100506731		-0,63070291
A_23_P152838	NM_002985	CCL5	chemokine (C-C motif) ligand 5	ENST00000463941	-0,630744285
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,630773111
A_24_P81298	NM_001123355	PPP6C	protein phosphatase 6, catalytic subunit	ENST00000373547	-0,630981803
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen)	ENST00000543145	-0,630982142
A_33_P3367201	NM_052845	MMAB	methylmalonic aciduria (cobalamin deficiency) cblB type		-0,630995758
A_21_P0011514	NM_001190790	CDRT15L2	CMT1A duplicated region transcript 15-like 2	ENST00000399044	-0,631052637
A_33_P3293187	NM_007163	SLC14A2	solute carrier family 14 (urea transporter), member 2	ENST00000323329	-0,631102473
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,631112238
A_23_P147431	NM_002350	LYN	v-src-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,631138633
A_23_P370989	NM_005914	MCM4	minichromosome maintenance complex component 4	ENST00000521151	-0,631371301
A_23_P356109	NM_152749	ATXN7L1	ataxin 7-like 1	ENST00000318724	-0,631394374
A_33_P3403942	NM_080721	C20orf123	chromosome 20 open reading frame 123	ENST00000279028	-0,631482765
A_23_P160751	NM_030764	FCRL2	Fc receptor-like 2	ENST00000368181	-0,631537328

A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,631558699
A_21_P0006881	TCONS_00018230	XLOC_008510			-0,631797752
A_32_P76035	NM_033109	PNPT1	polyribonucleotide nucleotidyltransferase 1	ENST00000260604	-0,631816632
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,631836102
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,631858656
A_23_P49499	NM_006456	ST6GALNAC2	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-	ENST00000225276	-0,631879993
A_24_P120907	NM_021965	PGM5	phosphoglucomutase 5	ENST00000496758	-0,631883759
A_24_P253818	NM_004475	FLOT2	flotillin 2	ENST00000465427	-0,631959958
A_19_P00320229	NR_033896	FLJ46906	uncharacterized LOC441172	ENST00000428044	-0,632008731
A_21_P0010648	TCONS_I2_0000149	XLOC_I2_001086			-0,63202365
A_21_P0010412	TCONS_00029584	XLOC_014218			-0,632181368
A_21_P0002277	THC2755124	XLOC_001640			-0,632327314
A_21_P0001231	ENST00000437416	XLOC_001228		ENST00000437416	-0,632513927
A_33_P3420254	NM_017802	HEATR2	HEAT repeat containing 2	ENST00000313147	-0,632673104
A_33_P3311165	XR_111802	FLJ44313	FLJ44313 protein	ENST00000532511	-0,632690207
A_21_P0012729	THC2524841	XLOC_I2_010723			-0,632720328
A_23_P340848	NM_000960	PTGIR	prostaglandin I2 (prostacyclin) receptor (IP)	ENST00000291294	-0,632830734
A_24_P759477	NM_002214	ITGB8	integrin, beta 8		-0,632992868
A_24_P228717	NM_002872	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, smal	ENST00000441619	-0,633036883
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,633040612
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,633093775
A_21_P0010326	TCONS_00029312	XLOC_014110			-0,633439646
A_33_P3401008	NM_001085488	TMEM150B	transmembrane protein 150B	ENST00000438693	-0,633484185
A_24_P673063	NM_001444	FABP5	fatty acid binding protein 5 (psoriasis-associated)	ENST00000477993	-0,633498377
A_23_P55174	NM_138387	G6PC3	glucose 6 phosphatase, catalytic, 3	ENST00000269097	-0,633557104
A_21_P0014393	NR_045214	LOC100507373	uncharacterized LOC100507373		-0,633886687
A_24_P80500	NM_020139	BDH2	3-hydroxybutyrate dehydrogenase, type 2		-0,633896491
A_32_P68050	NM_012224	NEK1	NIMA (never in mitosis gene a)-related kinase 1	ENST00000512193	-0,633979726
A_23_P23279	NM_052862	RCS1	RCS1 domain containing 1	ENST00000367854	-0,634099871

A_21_P0013663	TCONS_I2_0002940:	XLOC_I2_015239				-0,634160238
A_23_P169197	NM_032303	HSDL2	hydroxysteroid dehydrogenase like 2	ENST00000398803		-0,634259898
A_24_P916496	NM_002737	PRKCA	protein kinase C, alpha			-0,634273134
A_33_P3268532	NM_001018073	PCK2	phosphoenolpyruvate carboxykinase 2 (mitochondrial)	ENST00000396973		-0,634307057
A_23_P429478	NM_153038	CCDC140	coiled-coil domain containing 140	ENST00000295226		-0,634319982
A_33_P3303577	NM_198563	TMEM110	transmembrane protein 110	ENST00000355083		-0,634349499
A_33_P3307735	NM_002547	OPHN1	oligophrenin 1	ENST00000355520		-0,634417708
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728		-0,634526345
A_33_P3347281	NM_001024075	HNMT	histamine N-methyltransferase	ENST00000329366		-0,634537552
A_23_P138680	NM_172200	IL15RA	interleukin 15 receptor, alpha	ENST00000379972		-0,634689032
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257		-0,635176759
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462		-0,635198692
A_19_P00321220	NR_038303	LOC100505702	uncharacterized LOC100505702			-0,635466366
A_23_P157736	NM_032728	PPAPDC3	phosphatidic acid phosphatase type 2 domain containing 3	ENST00000372264		-0,63565922
A_24_P123119	NM_001966	EHHADH	enoyl-CoA, hydratase/3-hydroxyacyl CoA dehydrogenase	ENST00000231887		-0,635661124
A_24_P272761	NM_020946	DENND1A	DENN/MADD domain containing 1A	ENST00000373624		-0,635735786
A_23_P121533	NM_012445	SPON2	spondin 2, extracellular matrix protein	ENST00000431380		-0,635886579
A_33_P3352103	NM_138794	LYPLAL1	lysophospholipase-like 1	ENST00000366927		-0,635905137
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501		-0,635940475
A_33_P3303857	NM_001184714	SLAMF6	SLAM family member 6	ENST00000368055		-0,635956582
A_23_P215070	NM_018718	CEP41	centrosomal protein 41kDa	ENST00000223208		-0,635997499
A_33_P3243907	NM_001909	CTSD	cathepsin D	ENST00000433655		-0,636042752
A_33_P3328051	NR_036549	LOC100129961	uncharacterized LOC100129961	ENST00000413962		-0,63625311
A_19_P00803151	ENST00000436710	LOC100506119		ENST00000436710		-0,636410545
A_23_P121222	NM_020165	RAD18	RAD18 homolog (S. cerevisiae)	ENST00000264926		-0,636524471
A_23_P416238	NM_139249	MS4A6E	membrane-spanning 4-domains, subfamily A, member 6E	ENST00000532756		-0,636541667
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000351004		-0,636889448
A_19_P00321636	THC2548196	XLOC_014192				-0,636905077
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501		-0,637003949

A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,637073836
A_23_P382240	NM_178505	TMEM26	transmembrane protein 26	ENST00000399293	-0,637149941
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000492183	-0,637360605
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,637437063
A_23_P34835	NM_005572	LMNA	lamin A/C	ENST00000368301	-0,637524605
A_21_P0010288	TCONS_00029157	XLOC_014102			-0,637541388
A_23_P25030	NM_003725	HSD17B6	hydroxysteroid (17-beta) dehydrogenase 6 homolog (mouse)	ENST00000554150	-0,637641517
A_33_P3243093	NM_003617	RGS5	regulator of G-protein signaling 5	ENST00000313961	-0,637682103
A_33_P3270599	NM_213674	TPM2	tropomyosin 2 (beta)	ENST00000329305	-0,637822558
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,637903399
A_33_P3280213	NM_001127695	CTSA	cathepsin A	ENST00000372459	-0,637957134
A_33_P3393766	NM_001130677	C17orf96	chromosome 17 open reading frame 96	ENST00000325814	-0,637971694
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,638022072
A_33_P3415551	NM_207328	GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	ENST00000377137	-0,638028111
A_21_P0003772	TCONS_00008581	XLOC_004091			-0,638065246
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase	ENST00000458501	-0,638238316
A_23_P151907	NM_002570	PCSK6	proprotein convertase subtilisin/kexin type 6	ENST00000348070	-0,638495328
A_24_P243741	NM_021721	ADAM22	ADAM metallopeptidase domain 22	ENST00000398201	-0,638548679
A_23_P115872	NM_018131	CEP55	centrosomal protein 55kDa	ENST00000371485	-0,638574246
A_23_P106389	NM_003612	SEMA7A	semaphorin 7A, GPI membrane anchor (John Milton Hagen	ENST00000543145	-0,638651671
A_21_P0010697	NR_023918	LINC00339	long intergenic non-protein coding RNA 339		-0,638796464
A_23_P133133	NM_025144	ALPK1	alpha-kinase 1	ENST00000505127	-0,639129693
A_21_P0009172	ENST00000509943	XLOC_012240		ENST00000509943	-0,6391877
A_19_P00319578	THC2524841	XLOC_I2_010723			-0,639333136
A_21_P0012423	TCONS_I2_0001907	XLOC_I2_010056			-0,639553384
A_23_P76386	NM_003044	SLC6A12	solute carrier family 6 (neurotransmitter transporter, beta)	ENST00000424061	-0,639574738
A_33_P3703501	NM_198321	GALNT10	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000520647	-0,639793027
A_23_P35456	NM_014631	SH3PXD2A	SH3 and PX domains 2A	ENST00000355946	-0,639802133
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,639817317

A_21_P0011685	TCONS_I2_0001242(XLOC_I2_006665					-0,639821654
A_24_P382026	NM_020679	MIF4GD	MIF4G domain containing		ENST00000325102	-0,639853341
A_23_P38346	NM_024119	DHX58	DEXH (Asp-Glu-X-His) box polypeptide 58		ENST00000423748	-0,640004183
A_21_P0010386	NR_027036	LOC100271722	uncharacterized LOC100271722			-0,640028391
A_33_P3230548	NM_014875	KIF14	kinesin family member 14		ENST00000367350	-0,640088105
A_21_P0012626	BC032464	XLOC_I2_010897				-0,640127581
A_24_P298013	NM_019096	GTPBP2	GTP binding protein 2		ENST00000434548	-0,640134622
A_19_P00322933	NR_038955	LOC100506190	uncharacterized LOC100506190			-0,640137141
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene		ENST00000373793	-0,640178549
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4		ENST00000307365	-0,640255224
A_23_P126735	NM_000572	IL10	interleukin 10		ENST00000423557	-0,640404375
A_23_P87982	NM_001676	ATP12A	ATPase, H+/K+ transporting, nongastric, alpha polypeptide		ENST00000381946	-0,640443064
A_24_P943781	NM_024913	C7orf58	chromosome 7 open reading frame 58		ENST00000310396	-0,640451928
A_23_P126735	NM_000572	IL10	interleukin 10		ENST00000423557	-0,640732083
A_23_P130856	NM_032816	CEP89	centrosomal protein 89kDa		ENST00000305768	-0,640751645
A_33_P3213169	AK309642	ITGAX	integrin, alpha X (complement component 3 receptor 4 subunit)			-0,640913627
A_23_P112061	NM_152419	HGSNAT	heparan-alpha-glucosaminide N-acetyltransferase		ENST00000458501	-0,641068088
A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog		ENST00000519728	-0,641332608
A_24_P336584	NM_182664	RASSF5	Ras association (RalGDS/AF-6) domain family member 5		ENST00000367118	-0,641354674
A_23_P255618	NM_080723	NRSN1	neurensin 1		ENST00000378491	-0,641671291
A_21_P0013796	NM_002032	FTH1	ferritin, heavy polypeptide 1		ENST00000534719	-0,641782569
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene		ENST00000373793	-0,642146506
A_23_P434919	NM_152304	RAB42	RAB42, member RAS oncogene family		ENST00000465518	-0,642327192
A_21_P0009096	TCONS_00024822	XLOC_011681				-0,642421854
A_21_P0006369	NR_027442	LOC100288842	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase		ENST00000437707	-0,642463503
A_33_P3305731	NM_025176	NINL	ninein-like		ENST00000278886	-0,642502136
A_23_P300600	NM_021076	NEFH	neurofilament, heavy polypeptide		ENST00000310624	-0,642508681
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17		ENST00000524614	-0,642637469
A_23_P29005	NM_022136	SAMSN1	SAM domain, SH3 domain and nuclear localization signals 1		ENST00000400566	-0,64264533

A_24_P18146	NM_015310	PSD3	pleckstrin and Sec7 domain containing 3	ENST00000286485	-0,64267447
A_32_P42964	NM_001145712	LOC389493	uncharacterized LOC389493	ENST00000452565	-0,642964882
A_23_P6535	NM_138433	KLHDC7B	kelch domain containing 7B	ENST00000395676	-0,642997462
A_33_P3372332	NM_000101	CYBA	cytochrome b-245, alpha polypeptide	ENST00000261623	-0,643098996
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000492183	-0,64323575
A_24_P144303	NR_024608	LOC442459	X-ray repair complementing defective repair pseudogene		-0,643304231
A_21_P0009504	TCONS_00026374	XLOC_012725			-0,643368133
A_33_P3356361	NR_040059	LOC100131089	uncharacterized LOC100131089		-0,643397007
A_21_P0014580	XR_110374	LOC100507195	uncharacterized LOC100507195		-0,643448053
A_21_P0005674	BU195360	XLOC_006743			-0,643763105
A_23_P77401	NM_018340	CPPED1	calcineurin-like phosphoesterase domain containing 1	ENST00000433677	-0,643803282
A_23_P170574	NM_178310	SNAI3	snail homolog 3 (Drosophila)	ENST00000332281	-0,644005063
A_24_P276102	NM_183404	RBL1	retinoblastoma-like 1 (p107)	ENST00000344359	-0,644042022
A_33_P3281816	NM_006367	CAP1	CAP, adenylate cyclase-associated protein 1 (yeast)	ENST00000449311	-0,644080824
A_24_P151121	AK056201	A1BG	alpha-1-B glycoprotein		-0,644339629
A_23_P83976	NM_145036	CEP112	centrosomal protein 112kDa	ENST00000537949	-0,644567392
A_33_P3371219	NM_002998	SDC2	syndecan 2		-0,644594269
A_21_P0012477	THC2685486	XLOC_I2_010493			-0,644674938
A_23_P379614	NM_007280	OIP5	Opa interacting protein 5	ENST00000220514	-0,644760532
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,644861933
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,645100872
A_33_P3221859	NM_003030	SHOX2	short stature homeobox 2	ENST00000313019	-0,645172585
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,645181201
A_23_P216894	NM_001006617	MAPKAP1	mitogen-activated protein kinase associated protein 1	ENST00000373505	-0,645487673
A_21_P0010040	TCONS_00028390	XLOC_013744			-0,645611435
A_23_P119266	NM_001375	DNASE2	deoxyribonuclease II, lysosomal	ENST00000538460	-0,646056193
A_21_P0011264	ENST00000554945	XLOC_I2_004371		ENST00000554945	-0,646400871
A_33_P3249534	NM_005382	NEFM	neurofilament, medium polypeptide	ENST00000221166	-0,646527199
A_33_P3335571	NR_029192	LOC100133315	transient receptor potential cation channel, subfamily C, me	ENST00000532852	-0,646639546

A_21_P0002633	TCONS_00005038	XLOC_001910			-0,646959929
A_23_P206920	NM_001040114	MYH11	myosin, heavy chain 11, smooth muscle	ENST00000396324	-0,647101441
A_24_P111242	NM_148893	SVIP	small VCP/p97-interacting protein	ENST00000354193	-0,647165136
A_32_P21474	NM_001010844	IRAK1BP1	interleukin-1 receptor-associated kinase 1 binding protein 1	ENST00000369940	-0,647283211
A_21_P0013056	THC2730466	XLOC_I2_012847			-0,647562495
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,647763651
A_23_P110624	NM_001332	CTNND2	catenin (cadherin-associated protein), delta 2 (neural plakob	ENST00000538638	-0,647864416
A_21_P0007174	TCONS_00019235	XLOC_009065			-0,647876429
A_21_P0005596	THC2758993	XLOC_006350			-0,648128962
A_24_P659836	NM_001123225	SYCE3	synaptonemal complex central element protein 3	ENST00000406915	-0,648169884
A_23_P142075	NM_001611	ACP5	acid phosphatase 5, tartrate resistant	ENST00000218758	-0,648212066
A_23_P144916	NM_005110	GFPT2	glutamine-fructose-6-phosphate transaminase 2	ENST00000253778	-0,64823588
A_33_P3246283	AK128439	VAC14	Vac14 homolog (<i>S. cerevisiae</i>)		-0,648245347
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,648274772
A_23_P151710	NM_000956	PTGER2	prostaglandin E receptor 2 (subtype EP2), 53kDa	ENST00000245457	-0,648436173
A_24_P82106	NM_004995	MMP14	matrix metalloproteinase 14 (membrane-inserted)	ENST00000311852	-0,64853362
A_23_P319617	NM_019886	CHST7	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 7	ENST00000276055	-0,648628559
A_23_P105545	NM_016830	VAMP1	vesicle-associated membrane protein 1 (synaptobrevin 1)	ENST00000535927	-0,648657773
A_23_P259127	NM_017697	ESRP1	epithelial splicing regulatory protein 1	ENST00000517556	-0,648755726
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,648902781
A_21_P0000799	NR_038430	LOC100506054	uncharacterized LOC100506054		-0,649080304
A_24_P937405	NM_007173	PRSS23	protease, serine, 23	ENST00000280258	-0,649307044
A_23_P404494	NM_002185	IL7R	interleukin 7 receptor	ENST00000343305	-0,649347172
A_21_P0001620	TCONS_00001811	XLOC_001195			-0,649453077
A_21_P0008445	TCONS_00022761	XLOC_011044			-0,649572356
A_24_P100234	NM_014941	MORC2	MORC family CW-type zinc finger 2	ENST00000397641	-0,649579041
A_33_P3309110	NR_040089	LOC100506713	uncharacterized LOC100506713	ENST00000399541	-0,64968737
A_23_P258393	NM_144641	PPM1M	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1M	ENST00000323588	-0,649758698
A_33_P3381513	NM_014143	CD274	CD274 molecule	ENST00000492923	-0,649763468

A_23_P252740	NM_024094	DSCC1	defective in sister chromatid cohesion 1 homolog (S. cerevisiae)	ENST00000313655	-0,650123142
A_23_P201264	NM_022787	NMNAT1	nicotinamide nucleotide adenylyltransferase 1	ENST00000377205	-0,650329683
A_23_P152002	NM_004049	BCL2A1	BCL2-related protein A1	ENST00000267953	-0,650377601
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,650736581
A_23_P130787	NM_017659	QPCTL	glutaminyl-peptide cyclotransferase-like	ENST00000012049	-0,651049713
A_21_P0001958	ENST00000440326	XLOC_001826		ENST00000440326	-0,651061913
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,651492558
A_21_P0006876	TCONS_00018215	XLOC_008495			-0,651694676
A_21_P0011347	ENST00000338567	XLOC_I2_004840		ENST00000338567	-0,651768323
A_23_P212126	NM_080538	COLQ	collagen-like tail subunit (single strand of homotrimer) of alpha2(I) procollagen	ENST00000383788	-0,65176988
A_23_P147431	NM_002350	LYN	v-src-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,651785857
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,651888525
A_23_P300150	NM_172387	NFATC1	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1	ENST00000318065	-0,652205326
A_21_P0005840	ENST00000531654	XLOC_007093		ENST00000531654	-0,652295289
A_32_P171061	NM_005170	ASCL2	achaete-scute complex homolog 2 (Drosophila)	ENST00000331289	-0,652721641
A_21_P0012909	TCONS_I2_0002293	XLOC_I2_012071			-0,652902415
A_33_P3281171	NR_024469	LOC100130987	uncharacterized LOC100130987		-0,652910348
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,653045217
A_21_P0014356	XR_109436	LOC100507425	uncharacterized LOC100507425		-0,653320918
A_24_P257579	NM_022140	EPB41L4A	erythrocyte membrane protein band 4.1 like 4A	ENST00000515047	-0,653506685
A_21_P0012398	TCONS_I2_0001886	XLOC_I2_009888			-0,653536999
A_23_P151150	NM_202002	FOXM1	forkhead box M1	ENST00000359843	-0,653638192
A_23_P427502	NM_001206998	ZNRF3	zinc and ring finger 3	ENST00000544604	-0,653640169
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,653718544
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,653793782
A_21_P0010261	THC2775863	XLOC_013968			-0,653844977
A_33_P3352578	NM_080387	CLEC4D	C-type lectin domain family 4, member D	ENST00000382064	-0,65386751
A_23_P166408	NM_020530	OSM	oncostatin M	ENST00000215781	-0,653965086
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,654012903

A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,654066194
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,654067041
A_23_P103310	NM_002963	S100A7	S100 calcium binding protein A7	ENST00000368723	-0,654141605
A_33_P3237393	NM_003440	ZNF140	zinc finger protein 140		-0,654195189
A_33_P3435493	XR_110483	LOC400768	uncharacterized LOC400768		-0,654329164
A_24_P109633	NM_001142594	ITPK1	inositol-tetrakisphosphate 1-kinase	ENST00000354313	-0,654376525
A_23_P139418	NM_198516	GALNTL4	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosyltransferase 4	ENST00000227756	-0,654523981
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,654561268
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,654668431
A_24_P928510	NM_053055	THEM4	thioesterase superfamily member 4	ENST00000368814	-0,654858275
A_24_P205589	NM_007274	ACOT7	acyl-CoA thioesterase 7	ENST00000481175	-0,654863845
A_33_P3441576	BC036880	SRGAP2P1	SLIT-ROBO Rho GTPase activating protein 2 pseudogene 1	ENST00000467419	-0,654872064
A_21_P0004430	TCONS_00010438	XLOC_004954			-0,654873543
A_33_P3409159	NM_015482	SLC22A23	solute carrier family 22, member 23	ENST00000406686	-0,654887237
A_23_P96833	NM_033438	SLAMF9	SLAM family member 9	ENST00000368093	-0,654909309
A_21_P0000742	NR_038266	MYLK-AS1	MYLK antisense RNA 1 (non-protein coding)		-0,655167753
A_23_P104318	NM_019058	DDIT4	DNA-damage-inducible transcript 4	ENST00000307365	-0,655351207
A_21_P0002805	ENST00000467896	XLOC_002921		ENST00000467896	-0,655387591
A_23_P22224	NM_004095	EIF4EBP1	eukaryotic translation initiation factor 4E binding protein 1	ENST00000338825	-0,65539783
A_21_P0006669	ENST00000434552	XLOC_008447		ENST00000434552	-0,655991296
A_23_P34788	NM_006845	KIF2C	kinesin family member 2C	ENST00000372218	-0,656054703
A_33_P3350583	NM_138819	FAM122C	family with sequence similarity 122C	ENST00000370784	-0,656094395
A_23_P126623	NM_002631	PGD	phosphogluconate dehydrogenase	ENST00000541529	-0,656279424
A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,656394259
A_32_P21246	NR_026791	HCG27	HLA complex group 27 (non-protein coding)	ENST00000416551	-0,656513633
A_21_P0008994	TCONS_00024504	XLOC_011823			-0,656776215
A_23_P154875	NM_012105	BACE2	beta-site APP-cleaving enzyme 2	ENST00000330333	-0,656829898
A_33_P3280700	NM_024980	GPR157	G protein-coupled receptor 157	ENST00000414642	-0,657026513
A_23_P126735	NM_000572	IL10	interleukin 10	ENST00000423557	-0,657238421

A_24_P355145	NM_033105	DNAJC5B	DnaJ (Hsp40) homolog, subfamily C, member 5 beta	ENST00000524076	-0,657314078
A_24_P100830	NM_001113402	AMN1	antagonist of mitotic exit network 1 homolog (<i>S. cerevisiae</i>)	ENST00000281471	-0,657346877
A_33_P3576317	BC044924	LOC340178	uncharacterized LOC340178	ENST00000444586	-0,657545285
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,657561811
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,657873952
A_19_P00321761	ENST00000412979	XLOC_002310		ENST00000412979	-0,657930642
A_23_P100127	NM_170589	CASC5	cancer susceptibility candidate 5	ENST00000260369	-0,658158006
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)	ENST00000503787	-0,658187968
A_24_P303091	NM_001565	CXCL10	chemokine (C-X-C motif) ligand 10	ENST00000306602	-0,658608601
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,658619836
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,65870036
A_21_P0000538	NR_027469	LOC100286793	uncharacterized LOC100286793		-0,658716131
A_23_P3302	NM_018365	MNS1	meiosis-specific nuclear structural 1	ENST00000260453	-0,65875316
A_19_P00806771	XR_132670	LOC100652730	uncharacterized LOC100652730	ENST00000412500	-0,658784894
A_21_P0010712	ENST00000451023	XLOC_l2_000342		ENST00000451023	-0,658875219
A_23_P215997	NM_000498	CYP11B2	cytochrome P450, family 11, subfamily B, polypeptide 2	ENST00000323110	-0,659148825
A_23_P385861	NM_152562	CDCA2	cell division cycle associated 2	ENST00000435898	-0,659158274
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,659278538
A_23_P388190	NM_033081	DIDO1	death inducer-obliterator 1	ENST00000461792	-0,659417501
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,659419804
A_33_P3380457	NM_022049	GPR88	G protein-coupled receptor 88	ENST00000315033	-0,659462479
A_33_P3365760	NM_012108	STAP1	signal transducing adaptor family member 1	ENST00000396225	-0,659541497
A_33_P3610406	NR_028501	ECEL1P2	endothelin converting enzyme-like 1, pseudogene 2	ENST00000461596	-0,659576751
A_33_P3897698	XR_108300	LOC100147773	uncharacterized LOC100147773		-0,660148126
A_33_P3249746	NM_001190484	CYP3A5	cytochrome P450, family 3, subfamily A, polypeptide 5	ENST00000343703	-0,660545149
A_32_P456318	NM_080743	SRSF12	serine/arginine-rich splicing factor 12	ENST00000452027	-0,660681377
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,660851795
A_33_P3313283	NM_153221	CILP2	cartilage intermediate layer protein 2	ENST00000291495	-0,660975528
A_33_P3296366	NM_015720	PODXL2	podocalyxin-like 2	ENST00000302192	-0,660976394

A_23_P147431	NM_002350	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENST00000519728	-0,661023783
A_23_P86283	NM_006762	LAPTM5	lysosomal protein transmembrane 5	ENST00000294507	-0,661313292
A_24_P589266	NM_001099289	SH3RF3	SH3 domain containing ring finger 3	ENST00000444352	-0,661372748
A_23_P370569	NM_152440	C12orf66	chromosome 12 open reading frame 66	ENST00000398055	-0,661407446
A_21_P0013802	NM_018196	TMLHE	trimethyllysine hydroxylase, epsilon	ENST00000334398	-0,661614721
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,661634362
A_24_P328872	NM_012073	CCT5	chaperonin containing TCP1, subunit 5 (epsilon)	ENST00000280326	-0,662027293
A_33_P3376116	NM_182513	SPC24	SPC24, NDC80 kinetochore complex component, homolog (	ENST00000423327	-0,662176941
A_24_P313418	NM_002990	CCL22	chemokine (C-C motif) ligand 22	ENST00000219235	-0,662187762
A_33_P3329326	ENST00000374025	CD164L2	CD164 sialomucin-like 2	ENST00000374025	-0,662266642
A_23_P341567	NM_178833	SLC9B2	solute carrier family 9, subfamily B (cation proton antiporte	ENST00000339611	-0,662376828
A_33_P3360077	AK128206	LOC100130745	uncharacterized LOC100130745		-0,662430431
A_23_P209933	NM_006464	TGOLN2	trans-golgi network protein 2	ENST00000377386	-0,662638004
A_23_P43273	NM_000127	EXT1	exostosin 1	ENST00000437196	-0,662808216
A_24_P58337	NM_002032	FTH1	ferritin, heavy polypeptide 1	ENST00000534719	-0,662863402
A_24_P12435	NM_181782	NCOA7	nuclear receptor coactivator 7	ENST00000368357	-0,662873944
A_23_P149813	NM_012425	RSU1	Ras suppressor protein 1	ENST00000377921	-0,662910044
A_21_P0014520	XR_110190	LOC100505475	uncharacterized LOC100505475		-0,663201357
A_23_P3602	NM_001243657	NUDT7	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000268533	-0,663293302
A_21_P0000021	NM_001159280	ADAL	adenosine deaminase-like	ENST00000422466	-0,663488111
A_23_P61551	NM_006110	CD2BP2	CD2 (cytoplasmic tail) binding protein 2	ENST00000305596	-0,663588437
A_21_P0001418	TCONS_00001268	XLOC_000555			-0,663643887
A_24_P403417	NM_004878	PTGES	prostaglandin E synthase	ENST00000481476	-0,664061184
A_23_P100539	NM_001171	ABCC6	ATP-binding cassette, sub-family C (CFTR/MRP), member 6	ENST00000205558	-0,664173887
A_24_P417162	NM_005647	TBL1X	transducin (beta)-like 1X-linked	ENST00000217964	-0,664178444
A_23_P160214	NM_001080494	TTC39A	tetratricopeptide repeat domain 39A	ENST00000451380	-0,664196888
A_33_P3397399	ENST00000394822	PPP3CB	protein phosphatase 3, catalytic subunit, beta isozyme	ENST00000394822	-0,664293714
A_21_P0010453	AL137569	LOC100271722	uncharacterized LOC100271722		-0,664413282
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,664684711

A_23_P88731	NM_002875	RAD51	RAD51 homolog (<i>S. cerevisiae</i>)	ENST00000525066	-0,664810132
A_21_P0011983	ENST00000432711	XLOC_I2_008396		ENST00000432711	-0,664815507
A_21_P0005927	ENST00000520646	XLOC_006726		ENST00000520646	-0,664965607
A_24_P57528	NM_139177	SLC39A11	solute carrier family 39 (metal ion transporter), member 11	ENST00000542342	-0,665083032
A_24_P265832	NM_033050	SUCNR1	succinate receptor 1	ENST00000362032	-0,665179488
A_23_P320578	NM_002928	RGS16	regulator of G-protein signaling 16	ENST00000367558	-0,665384573
A_21_P0010452	NR_027036	LOC100271722	uncharacterized LOC100271722		-0,665605646
A_24_P597190	NR_027503	LOC100133050	glucuronidase, beta pseudogene		-0,665671873
A_23_P10518	NM_016521	TFDP3	transcription factor Dp family, member 3	ENST00000310125	-0,665704341
A_33_P3286859	NM_016529	ATP8A2	ATPase, aminophospholipid transporter, class I, type 8A, mitochondrial	ENST00000255283	-0,66578943
A_23_P334218	NM_145647	WDR67	WD repeat domain 67	ENST00000287380	-0,665936598
A_21_P0012241	TCONS_I2_00017559	XLOC_I2_009281			-0,665966408
A_23_P41424	NM_022154	SLC39A8	solute carrier family 39 (zinc transporter), member 8	ENST00000394833	-0,666087278
A_23_P6596	NM_005524	HES1	hairy and enhancer of split 1, (<i>Drosophila</i>)	ENST00000476918	-0,666124924
A_23_P13094	NM_002425	MMP10	matrix metalloproteinase 10 (stromelysin 2)	ENST00000279441	-0,666232015
A_21_P0012676	NR_026575	GK3P	glycerol kinase 3 pseudogene		-0,666265018
A_23_P10305	NM_175859	CTPS2	CTP synthase II	ENST00000380207	-0,666313626
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,666315258
A_24_P102880	NM_020443	NAV1	neuron navigator 1	ENST00000367296	-0,666328466
A_23_P362183	NM_173551	ANKS6	ankyrin repeat and sterile alpha motif domain containing 6	ENST00000540940	-0,666342304
A_33_P3369029	NR_033579	LOC440297	chondroitin sulfate proteoglycan 4 pseudogene	ENST00000456932	-0,666457674
A_23_P136978	NM_014467	SRPX2	sushi-repeat containing protein, X-linked 2	ENST00000373004	-0,666535551
A_23_P73493	NM_004344	CETN2	centrin, EF-hand protein, 2	ENST00000370277	-0,666538965
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,666606444
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,666628951
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,666631431
A_23_P75741	NM_198183	UBE2L6	ubiquitin-conjugating enzyme E2L 6	ENST00000528275	-0,666803717
A_23_P105012	NM_017878	HRASLS2	HRAS-like suppressor 2	ENST00000255695	-0,666903188
A_23_P62642	NM_012337	CCDC19	coiled-coil domain containing 19	ENST00000475911	-0,66711903

A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,667132379
A_23_P77043	NM_024764	CATSPERB	cation channel, sperm-associated, beta	ENST00000256343	-0,667226211
A_23_P152284	NM_024571	SNRNP25	small nuclear ribonucleoprotein 25kDa (U11/U12)	ENST00000466183	-0,667229762
A_21_P0013462	ENST00000418309	XLOC_I2_014077		ENST00000418309	-0,66728042
A_33_P3350547	NM_001099404	SCN5A	sodium channel, voltage-gated, type V, alpha subunit	ENST00000333535	-0,667302619
A_23_P209978	NM_003385	VSNL1	visinin-like 1	ENST00000404666	-0,667435738
A_32_P73796	NM_014906	PPM1E	protein phosphatase, Mg2+/Mn2+ dependent, 1E	ENST00000308249	-0,667625949
A_21_P0006729	ENST00000449457	XLOC_008706		ENST00000449457	-0,667647158
A_24_P923251	NM_198951	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamr	ENST00000468262	-0,667661927
A_33_P3223923	NM_005313	PDIA3	protein disulfide isomerase family A, member 3	ENST00000300289	-0,667839334
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,668003254
A_23_P169003	NM_022071	SH2D4A	SH2 domain containing 4A	ENST00000519207	-0,668074648
A_23_P43107	NM_030788	TM7SF4	transmembrane 7 superfamily member 4	ENST00000297581	-0,668108028
A_21_P0001036	ENST00000458683	XLOC_000497		ENST00000458683	-0,668179081
A_24_P417596	NM_138439	FLYWCH2	FLYWCH family member 2	ENST00000396958	-0,668292098
A_23_P71926	NM_002732	PRKACG	protein kinase, cAMP-dependent, catalytic, gamma	ENST00000377276	-0,668509222
A_33_P3259198	NM_182614	FAM70B	family with sequence similarity 70, member B	ENST00000375353	-0,6690014
A_23_P115645	NM_001025076	CELF2	CUGBP, Elav-like family member 2	ENST00000537122	-0,669098079
A_24_P175187	NM_017654	SAMD9	sterile alpha motif domain containing 9	ENST00000379958	-0,669430318
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,669610306
A_23_P217737	NM_000052	ATP7A	ATPase, Cu++ transporting, alpha polypeptide	ENST00000341514	-0,669691509
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,669901997
A_23_P203957	NM_175861	TMTC1	transmembrane and tetratricopeptide repeat containing 1	ENST00000319685	-0,670225547
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,670331503
A_21_P0000955	ENST00000423921	XLOC_000085		ENST00000423921	-0,670464969
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,670614115
A_23_P116264	NM_006176	NRGN	neurogranin (protein kinase C substrate, RC3)	ENST00000284292	-0,670614883
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,671009029
A_23_P167328	NM_001775	CD38	CD38 molecule	ENST00000540195	-0,671181775

A_33_P3367550	NR_033379	LOC401242	uncharacterized LOC401242	ENST00000411600	-0,67139174
A_33_P3381235	NR_024470	LOC100127888	uncharacterized LOC100127888	ENST00000411824	-0,671393515
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,671438927
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,671484799
A_23_P153390	NM_198492	CLEC4G	C-type lectin domain family 4, member G	ENST00000328853	-0,671700848
A_33_P3409139	NR_015409	LOC143188	uncharacterized LOC143188		-0,671760372
A_23_P74278	NM_001037341	PDE4B	phosphodiesterase 4B, cAMP-specific	ENST00000329654	-0,671770484
A_21_P0014284	ENST00000551357	LOC100506452		ENST00000551357	-0,67180378
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,671820622
A_33_P3413840	NM_001205019	GK	glycerol kinase	ENST00000378945	-0,671859082
A_33_P3288110	NM_001005476	PKP4	plakophilin 4	ENST00000389756	-0,671891917
A_23_P23074	NM_006417	IFI44	interferon-induced protein 44	ENST00000485662	-0,672005109
A_24_P66001	NM_001003684	UQCR10	ubiquinol-cytochrome c reductase, complex III subunit X	ENST00000401406	-0,672163551
A_23_P139912	NM_002178	IGFBP6	insulin-like growth factor binding protein 6	ENST00000548176	-0,672339602
A_33_P3367899	NM_005479	FRAT1	frequently rearranged in advanced T-cell lymphomas	ENST00000371021	-0,67234944
A_23_P61127	NM_024122	APOO	apolipoprotein O	ENST00000490078	-0,672373149
A_23_P19333	NM_018643	TREM1	triggering receptor expressed on myeloid cells 1	ENST00000244709	-0,672457641
A_21_P0010993	THC2690892	XLOC_I2_002433			-0,672565862
A_23_P88331	NM_014750	DLGAP5	discs, large (Drosophila) homolog-associated protein 5	ENST00000247191	-0,672657175
A_23_P100386	NM_152456	IL34	interleukin 34	ENST00000429149	-0,67284043
A_24_P390060	NM_138451	IQCD	IQ motif containing D	ENST00000416617	-0,672883939
A_33_P3867584	NR_038863	LOC285758	uncharacterized LOC285758		-0,672944214
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,672966179
A_33_P3251332	NM_015473	HEATR5A	HEAT repeat containing 5A	ENST00000389961	-0,673017053
A_24_P314571	AK075287	SPC24	SPC24, NDC80 kinetochore complex component, homolog (S. cerevisiae)		-0,67302561
A_21_P0005990	BC036850	XLOC_007438			-0,673052658
A_33_P3734384	AK097526	LOC285957	uncharacterized LOC285957		-0,673156006
A_19_P00320906	NR_033846	LOC283033	uncharacterized LOC283033		-0,673174322
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,673684653

A_24_P155617	NM_172370	DAOA	D-amino acid oxidase activator	ENST00000473269	-0,673698554
A_19_P00321148	AK055877	LOC100506328	uncharacterized LOC100506328		-0,673996467
A_21_P0012782	ENST00000506972	XLOC_I2_011204		ENST00000506972	-0,674173361
A_32_P176911	NR_026774	LINC00239	long intergenic non-protein coding RNA 239	ENST00000556973	-0,674321093
A_33_P3248429	ENST00000366796	DACT2	dapper, antagonist of beta-catenin, homolog 2 (Xenopus lae	ENST00000366796	-0,674367621
A_33_P3224249	NM_172239	REXO1L1	REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 1	ENST00000425429	-0,674519683
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,674534586
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,67499205
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,67506398
A_23_P217917	NM_147148	GSTM4	glutathione S-transferase mu 4	ENST00000493171	-0,675288866
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,675698084
A_23_P430411	ENST00000545414	ITGB2	integrin, beta 2 (complement component 3 receptor 3 and	ENST00000545414	-0,675809973
A_23_P54469	NM_145805	ISL2	ISL LIM homeobox 2	ENST00000290759	-0,675817945
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,67582251
A_23_P74359	NM_004078	CSRP1	cysteine and glycine-rich protein 1	ENST00000340006	-0,675847757
A_21_P0005811	TCONS_00014957	XLOC_007036			-0,676542889
A_21_P0005321	ENST00000451953	XLOC_006548		ENST00000451953	-0,676848081
A_23_P42353	NM_016135	ETV7	ets variant 7	ENST00000339796	-0,677010261
A_23_P205531	NM_002937	RNASE4	ribonuclease, RNase A family, 4	ENST00000397995	-0,677132221
A_33_P3605529	NR_033984	LOC400548	uncharacterized LOC400548		-0,677167726
A_33_P3394972	NM_020896	OSBPL5	oxysterol binding protein-like 5	ENST00000357352	-0,677192881
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,677264378
A_21_P0002531	TCONS_00004544	XLOC_002452			-0,677318601
A_23_P44942	NM_025004	CCDC15	coiled-coil domain containing 15	ENST00000531167	-0,67733365
A_23_P101319	NM_152354	ZNF285	zinc finger protein 285	ENST00000544719	-0,67745718
A_23_P252740	NM_024094	DSCC1	defective in sister chromatid cohesion 1 homolog (S. cerevisi	ENST00000313655	-0,677968427
A_33_P3240787	XR_108893	LOC100131910	uncharacterized LOC100131910		-0,67797569
A_21_P0013957	XM_003118523	LOC100131035	uncharacterized LOC100131035		-0,67829787
A_23_P217428	NM_013427	ARHGAP6	Rho GTPase activating protein 6	ENST00000489330	-0,678332174

A_33_P3414912	NM_001200056	NPL	N-acetylneuraminase pyruvate lyase (dihydrodipicolinate sy	ENST00000258317	-0,67833384
A_23_P138776	NM_001610	ACP2	acid phosphatase 2, lysosomal	ENST00000525230	-0,678342312
A_23_P156739	NM_032340	C6orf125	chromosome 6 open reading frame 125	ENST00000374231	-0,678405925
A_21_P0004439	TCONS_00010463	XLOC_004984			-0,67847769
A_21_P0012851	TCONS_I2_0002255	XLOC_I2_011793			-0,678587668
A_21_P0014570	ENST00000547027	LOC100505814		ENST00000547027	-0,678595022
A_21_P0007546	ENST00000551021	XLOC_009723		ENST00000551021	-0,678698648
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,678747098
A_33_P3345210	NM_001164407	TLCD2	TLC domain containing 2	ENST00000330676	-0,678870714
A_33_P3215739	NM_001085451	LNP1	leukemia NUP98 fusion partner 1	ENST00000383693	-0,678985844
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,67899512
A_32_P18440	NM_032199	ARID5B	AT rich interactive domain 5B (MRF1-like)	ENST00000279873	-0,679114924
A_33_P3358824	NM_000302	PLOD1	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1	ENST00000358133	-0,679171377
A_23_P137984	NM_002966	S100A10	S100 calcium binding protein A10	ENST00000368809	-0,679385745
A_24_P331560	NM_000351	STS	steroid sulfatase (microsomal), isozyme S	ENST00000217961	-0,679401662
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,679515587
A_33_P3351120	NM_003330	TXNRD1	thioredoxin reductase 1	ENST00000378070	-0,679524857
A_23_P129801	NM_006822	RAB40B	RAB40B, member RAS oncogene family	ENST00000269347	-0,67965085
A_33_P3267799	NM_006847	LILRB4	leukocyte immunoglobulin-like receptor, subfamily B (with	ENST00000270452	-0,679801641
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,680085257
A_23_P30603	NM_003649	DDO	D-aspartate oxidase	ENST00000368924	-0,680099156
A_23_P125082	NM_002199	IRF2	interferon regulatory factor 2	ENST00000393593	-0,680100053
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,680275212
A_33_P3292402	ENST00000468759	LRRIQ3	leucine-rich repeats and IQ motif containing 3	ENST00000468759	-0,680667578
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,680752473
A_23_P91697	NM_004737	LARGE	like-glycosyltransferase	ENST00000402320	-0,680773081
A_32_P342064	NM_002032	FTH1	ferritin, heavy polypeptide 1	ENST00000534180	-0,680917665
A_23_P210425	NM_181526	MYL9	myosin, light chain 9, regulatory	ENST00000279022	-0,681064409
A_33_P3357535	NM_030579	CYB5B	cytochrome b5 type B (outer mitochondrial membrane)	ENST00000307892	-0,681331987

A_24_P22050	NM_017817	RAB20	RAB20, member RAS oncogene family	ENST00000267328	-0,681451108
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,681586036
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,681639939
A_32_P8221	NM_000845	GRM8	glutamate receptor, metabotropic 8	ENST00000489939	-0,681652832
A_24_P937306	ENST00000380291	AP1S2	adaptor-related protein complex 1, sigma 2 subunit	ENST00000380291	-0,6822539
A_23_P31453	NM_012449	STEAP1	six transmembrane epithelial antigen of the prostate 1	ENST00000297205	-0,682272779
A_33_P3300297	ENST00000409763	FAM126A	family with sequence similarity 126, member A	ENST00000409763	-0,682567155
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,682642015
A_23_P344555	NM_006403	NEDD9	neural precursor cell expressed, developmentally down-reg	ENST00000448183	-0,682753652
A_33_P3214745	NM_001024680	FBXO48	F-box protein 48	ENST00000377957	-0,683133799
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,683491287
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,683722287
A_23_P352266	NM_000633	BCL2	B-cell CLL/lymphoma 2	ENST00000398117	-0,683786325
A_33_P3341841	NM_001004312	RTP2	receptor (chemosensory) transporter protein 2	ENST00000358241	-0,683835781
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,683858246
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,683869441
A_21_P0013549	ENST00000427722	XLOC_I2_014694		ENST00000427722	-0,683960282
A_21_P0012840	W69253	XLOC_I2_011692			-0,684692166
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,684736498
A_21_P0003130	TCONS_00006544	XLOC_003164			-0,684995822
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,685557588
A_23_P216501	NM_213674	TPM2	tropomyosin 2 (beta)	ENST00000329305	-0,685585995
A_23_P348383	NM_001080522	CC2D2A	coiled-coil and C2 domain containing 2A	ENST00000510333	-0,685686291
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,685795375
A_23_P127288	NM_000417	IL2RA	interleukin 2 receptor, alpha	ENST00000379954	-0,685843241
A_23_P164057	NM_002404	MFAP4	microfibrillar-associated protein 4	ENST00000395592	-0,686012802
A_23_P19369	NM_017640	LRRC16A	leucine rich repeat containing 16A	ENST00000399313	-0,686308616
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,686357844
A_24_P267592	NM_015474	SAMHD1	SAM domain and HD domain 1	ENST00000262878	-0,68645341

A_23_P126278	NM_003465	CHIT1	chitinase 1 (chitotriosidase)	ENST00000484834	-0,686510774
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,686656053
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,686720595
A_33_P3340655	NM_052904	KLHL32	kelch-like 32 (Drosophila)	ENST00000369255	-0,686855935
A_23_P337155	NM_001082968	TOM1L2	target of myb1-like 2 (chicken)	ENST00000395739	-0,686883533
A_24_P353638	NM_021181	SLAMF7	SLAM family member 7	ENST00000466792	-0,686928564
A_24_P344711	NM_020132	AGPAT3	1-acylglycerol-3-phosphate O-acyltransferase 3	ENST00000398058	-0,687038358
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,68705977
A_23_P154358	NM_144707	PROM2	prominin 2	ENST00000487138	-0,687107859
A_24_P20383	NM_005718	ARPC4	actin related protein 2/3 complex, subunit 4, 20kDa	ENST00000485273	-0,687147368
A_24_P95439	NM_001014437	CARS	cysteinyl-tRNA synthetase	ENST00000397114	-0,687231676
A_33_P3289034	NM_016112	PKD2L1	polycystic kidney disease 2-like 1	ENST00000353274	-0,687413234
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633	-0,687489421
A_23_P122077	NM_016591	GCNT4	glucosaminyl (N-acetyl) transferase 4, core 2	ENST00000322348	-0,687757394
A_23_P252740	NM_024094	DSCC1	defective in sister chromatid cohesion 1 homolog (S. cerevisiae)	ENST00000313655	-0,68804351
A_23_P55477	NM_000676	ADORA2B	adenosine A2b receptor	ENST00000304222	-0,688159215
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,688187235
A_21_P0007547	TCONS_00020392	XLOC_009723			-0,688238318
A_33_P3329023	NM_001252273	FAM69A	family with sequence similarity 69, member A	ENST00000401027	-0,688271253
A_23_P151159	NM_032300	TCHP	trichoplein, keratin filament binding	ENST00000312777	-0,688407665
A_24_P402588	NM_018014	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000489516	-0,68877104
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,689567942
A_24_P915806	NM_001024074	HNMT	histamine N-methyltransferase	ENST00000280096	-0,689909125
A_21_P0014721	ENST00000514732	LOC100506564		ENST00000514732	-0,6899664
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,690210052
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,690223819
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,690533863
A_24_P233488	NM_002309	LIF	leukemia inhibitory factor (cholinergic differentiation factor)	ENST00000249075	-0,690605408
A_23_P99906	NM_199330	HOMER2	homer homolog 2 (Drosophila)	ENST00000304231	-0,690809124

A_21_P0012703	TCONS_I2_0002148:XLOC_I2_011415					-0,691031797
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114		-0,691478459
A_21_P0011693	BC041478	XLOC_I2_006718				-0,691498575
A_24_P149902	NM_016169	SUFU	suppressor of fused homolog (Drosophila)	ENST00000471000		-0,691647381
A_33_P3372004	NM_005849	IGSF6	immunoglobulin superfamily, member 6	ENST00000268389		-0,69172433
A_24_P228875	NM_004840	ARHGEF6	Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6	ENST00000535736		-0,691870747
A_24_P365526	NM_002110	HCK	hemopoietic cell kinase	ENST00000375862		-0,691903225
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746		-0,691933135
A_33_P3638471	BC027954	TRGV7	T cell receptor gamma variable 7 (pseudogene)			-0,691994949
A_19_P00320469	NR_015375	FLJ35024	uncharacterized LOC401491			-0,692107905
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380		-0,69257526
A_23_P84189	NM_181671	PITPNC1	phosphatidylinositol transfer protein, cytoplasmic 1	ENST00000299954		-0,692641694
A_19_P00322310	NR_038303	LOC100505702	uncharacterized LOC100505702			-0,692666072
A_24_P339560	NM_052884	SIGLEC11	sialic acid binding Ig-like lectin 11	ENST00000426296		-0,692828067
A_24_P346431	NM_022748	TNS3	tensin 3	ENST00000398879		-0,692864079
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026		-0,692875569
A_23_P118815	NM_001012271	BIRC5	baculoviral IAP repeat containing 5	ENST00000301633		-0,692967591
A_33_P3315263	NM_175834	KRT79	keratin 79	ENST00000330553		-0,693050705
A_19_P00318461	ENST00000366424	XLOC_001942		ENST00000366424		-0,693052179
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769		-0,693404501
A_32_P119197	NM_001043352	TPM3	tropomyosin 3	ENST00000368533		-0,693419764
A_23_P251705	NM_015185	ARHGEF9	Cdc42 guanine nucleotide exchange factor (GEF) 9	ENST00000374872		-0,693461563
A_19_P00322118	NR_037875	LOC728730	uncharacterized LOC728730	ENST00000422128		-0,693597959
A_33_P3281795	NM_007283	MGLL	monoglyceride lipase	ENST00000265052		-0,694431967
A_33_P3310301	NM_182728	SLC7A8	solute carrier family 7 (amino acid transporter light chain, L	ENST00000206514		-0,6949563
A_32_P111306	NR_027072	LINC00189	long intergenic non-protein coding RNA 189	ENST00000431661		-0,695073528
A_23_P216610	NM_022486	SUSD1	sushi domain containing 1	ENST00000374270		-0,695270756
A_24_P618401	NR_034121	LOC100131067	uncharacterized LOC100131067	ENST00000501927		-0,69551334
A_23_P394064	NM_012232	PTRF	polymerase I and transcript release factor	ENST00000357037		-0,695747244

A_32_P345659	NM_194293	XIRP1	xin actin-binding repeat containing 1	ENST00000421646	-0,695841497
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,696092706
A_24_P269551	NM_173519	CLVS1	clavesin 1	ENST00000519846	-0,696143806
A_33_P3273474	NM_001765	CD1C	CD1c molecule	ENST00000368169	-0,696410585
A_33_P3304576	NM_001001480	KRTAP5-5	keratin associated protein 5-5	ENST00000422553	-0,696714854
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,696908484
A_23_P27584	NM_001020818	MYADM	myeloid-associated differentiation marker	ENST00000391771	-0,696999114
A_33_P3370094	NM_007289	MME	membrane metallo-endoropeptidase	ENST00000360490	-0,697104146
A_33_P3333810	NM_003350	UBE2V2	ubiquitin-conjugating enzyme E2 variant 2	ENST00000523111	-0,697156783
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,697329086
A_33_P3344039	NM_007082	RABL2A	RAB, member of RAS oncogene family-like 2A	ENST00000462095	-0,69745749
A_24_P398691	NM_032859	ABHD13	abhydrolase domain containing 13	ENST00000375898	-0,697548187
A_23_P305245	NM_001168214	C3orf80	chromosome 3 open reading frame 80	ENST00000326474	-0,697715573
A_24_P320033	NM_005191	CD80	CD80 molecule	ENST00000264246	-0,697761704
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,698022214
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,698065631
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,698068399
A_21_P0005433	TCONS_00013599	XLOC_006253			-0,69819801
A_24_P630490	NM_001042702	DFNB59	deafness, autosomal recessive 59	ENST00000375129	-0,698226213
A_23_P155848	NM_014421	DKK2	dickkopf 2 homolog (Xenopus laevis)	ENST00000285311	-0,698370322
A_21_P0011200	ENST00000435725	XLOC_l2_003652		ENST00000435725	-0,698625293
A_24_P45446	NM_052941	GBP4	guanylate binding protein 4	ENST00000471938	-0,698686571
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,698686577
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,698759881
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,698950427
A_21_P0001626	ENST00000420762	XLOC_001209		ENST00000420762	-0,699203617
A_24_P189997	NM_138322	PCSK6	proprotein convertase subtilisin/kexin type 6	ENST00000331826	-0,699567335
A_24_P334718	NM_181791	GPR141	G protein-coupled receptor 141	ENST00000334425	-0,699637731
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,699834126

A_23_P134419	NM_007155	ZP3	zona pellucida glycoprotein 3 (sperm receptor)	ENST00000544121	-0,699841661
A_33_P3389678	NM_001077238	SPPL2B	signal peptide peptidase-like 2B	ENST00000452401	-0,699843626
A_32_P66881	NM_138554	TLR4	toll-like receptor 4		-0,699857165
A_33_P3319870	NM_001191323	GREM1	gremlin 1	ENST00000322805	-0,699873261
A_23_P166297	NM_207627	ABCG1	ATP-binding cassette, sub-family G (WHITE), member 1	ENST00000340588	-0,699927929
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,699932393
A_33_P3338733	NM_198159	MITF	microphthalmia-associated transcription factor	ENST00000394351	-0,70028249
A_23_P111888	NM_138455	CTHRC1	collagen triple helix repeat containing 1	ENST00000297577	-0,70028655
A_23_P354591	NM_033446	FAM125B	family with sequence similarity 125, member B	ENST00000361171	-0,700475606
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,700558121
A_23_P31996	NM_033051	SLC46A2	solute carrier family 46, member 2	ENST00000374228	-0,700680022
A_24_P98047	NM_018593	SLC16A10	solute carrier family 16, member 10 (aromatic amino acid tr	ENST00000368851	-0,700850525
A_23_P70719	NM_000426	LAMA2	laminin, alpha 2	ENST00000443169	-0,700896369
A_23_P19352	NM_006586	CNPY3	canopy 3 homolog (zebrafish)	ENST00000394142	-0,700900949
A_32_P72394	NM_002735	PRKAR1B	protein kinase, cAMP-dependent, regulatory, type I, beta	ENST00000417852	-0,700962281
A_33_P3251896	NM_004307	APBB2	amyloid beta (A4) precursor protein-binding, family B, mem	ENST00000316212	-0,701044743
A_32_P352743	NM_001004440	FAM19A3	family with sequence similarity 19 (chemokine (C-C motif)-li	ENST00000369630	-0,70111043
A_23_P344568	NM_145019	FAM124A	family with sequence similarity 124A	ENST00000280057	-0,701376966
A_24_P945228	NM_207352	CYP4V2	cytochrome P450, family 4, subfamily V, polypeptide 2	ENST00000507209	-0,701551763
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,701688137
A_23_P150768	NM_007256	SLCO2B1	solute carrier organic anion transporter family, member 2B:	ENST00000524599	-0,702008487
A_33_P3492087	AK097198	LOC284191	uncharacterized LOC284191		-0,702182159
A_24_P367496	AK124894	LOC100131650	uncharacterized LOC100131650		-0,702306184
A_21_P0013868	THC2686626	XLOC_I2_015804			-0,702377295
A_23_P126416	NM_005424	TIE1	tyrosine kinase with immunoglobulin-like and EGF-like dom	ENST00000433781	-0,702726153
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,702770609
A_21_P0014404	ENST00000422459	LOC100506115		ENST00000422459	-0,702869252
A_23_P63158	NM_003126	SPTA1	spectrin, alpha, erythrocytic 1 (elliptocytosis 2)	ENST00000368147	-0,703030837
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,703097697

A_33_P3339961	NM_178547	ZBTB80S	zinc finger and BTB domain containing 8 opposite strand	ENST00000373506	-0,703264091
A_33_P3362296	ENST00000396017	KCNG1	potassium voltage-gated channel, subfamily G, member 1	ENST00000396017	-0,703390404
A_23_P389102	NM_015194	MYO1D	myosin ID	ENST00000318217	-0,703428087
A_21_P0001925	ENST00000437118	XLOC_001704		ENST00000437118	-0,703582201
A_23_P33154	NM_014393	STAU2	stau2, RNA binding protein, homolog 2 (Drosophila)	ENST00000355780	-0,7037733
A_33_P3403075	NM_018304	PRR11	proline rich 11	ENST00000262293	-0,703970144
A_24_P419132	NM_006733	CENPI	centromere protein I	ENST00000372926	-0,704070971
A_24_P106357	NM_139281	WDR36	WD repeat domain 36	ENST00000506538	-0,704386595
A_23_P416034	NM_017518	HAUS7	HAUS augmin-like complex, subunit 7	ENST00000472228	-0,704655423
A_33_P3336422	NR_034137	LOC729013	uncharacterized LOC729013		-0,704659546
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,704795984
A_33_P3307049	AK128478	LOC100129363	uncharacterized LOC100129363		-0,704833969
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,704869041
A_33_P3230881	NM_032834	ALG10	asparagine-linked glycosylation 10, alpha-1,2-glucosyltransf	ENST00000308742	-0,704910252
A_23_P333218	NM_001031711	ERGIC1	endoplasmic reticulum-golgi intermediate compartment (ER	ENST00000523215	-0,704950098
A_21_P0000160	NM_138461	TM4SF19	transmembrane 4 L six family member 19	ENST00000273695	-0,705171361
A_23_P346006	NM_020739	CCPG1	cell cycle progression 1	ENST00000425574	-0,705189621
A_21_P0014363	XR_109462	LOC100505577	uncharacterized LOC100505577		-0,705265362
A_23_P92334	NM_024943	TMEM156	transmembrane protein 156	ENST00000381938	-0,705377369
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,70540896
A_23_P111995	NM_002318	LOXL2	lysyl oxidase-like 2	ENST00000389131	-0,705503002
A_21_P0010137	NR_033840	LINC00163	long intergenic non-protein coding RNA 163	ENST00000434081	-0,705718163
A_23_P83751	NM_024806	C11orf63	chromosome 11 open reading frame 63	ENST00000227349	-0,705801101
A_24_P941866	AK096941	C5orf56	chromosome 5 open reading frame 56	ENST00000337752	-0,705870307
A_23_P69310	NM_003965	CCRL2	chemokine (C-C motif) receptor-like 2	ENST00000400882	-0,706110049
A_23_P1492	NM_021732	AVPI1	arginine vasopressin-induced 1	ENST00000370626	-0,706261922
A_33_P3359368	NM_001082488	DHRS4L1	dehydrogenase/reductase (SDR family) member 4 like 1	ENST00000397065	-0,706286425
A_33_P3286146	NR_033652	LOC100132891	uncharacterized LOC100132891	ENST00000457356	-0,70642903
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,70650076

A_24_P211797	NM_178231	ICA1L	islet cell autoantigen 1,69kDa-like	ENST00000411681	-0,706506717
A_23_P74290	NM_052942	GBP5	guanylate binding protein 5	ENST00000490568	-0,706628347
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,706690021
A_24_P331830	NM_015209	KAZN	kazrin, periplakin interacting protein	ENST00000376028	-0,706711321
A_23_P381714	NM_198584	CA13	carbonic anhydrase XIII	ENST00000321764	-0,706836945
A_33_P3238415	NM_001080554	GSG1	germ cell associated 1	ENST00000405543	-0,706882551
A_23_P151166	NM_001040107	HVCN1	hydrogen voltage-gated channel 1	ENST00000356742	-0,707247069
A_24_P64167	NM_000962	PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H	ENST00000362012	-0,707345521
A_23_P122724	NM_004665	VNN2	vanin 2	ENST00000392389	-0,707505373
A_23_P7313	NM_001040058	SPP1	secreted phosphoprotein 1	ENST00000360804	-0,707574878
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,707628484
A_23_P90626	NM_004288	CYTIP	cytohesin 1 interacting protein	ENST00000540637	-0,707802064
A_23_P76983	NM_025057	C14orf45	chromosome 14 open reading frame 45	ENST00000394009	-0,707843229
A_19_P00804215	NM_001145710	LOC375190	UPF0638 protein B	ENST00000420135	-0,707847725
A_32_P75264	NM_178505	TMEM26	transmembrane protein 26	ENST00000399298	-0,707912868
A_33_P3363799	NM_001242607	NCAM1	neural cell adhesion molecule 1	ENST00000316851	-0,707920969
A_21_P0014116	ENST00000503006	LOC100507134		ENST00000503006	-0,708340595
A_33_P3232965	NM_001010870	TDRD6	tudor domain containing 6	ENST00000316081	-0,708869089
A_21_P0004809	ENST00000433388	XLOC_005938		ENST00000433388	-0,708901535
A_23_P101871	NM_024907	FBXO17	F-box protein 17	ENST00000292852	-0,709123098
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,709418196
A_21_P0005169	TCONS_00012742	XLOC_005739			-0,70950715
A_21_P0002349	TCONS_00004018	XLOC_001856			-0,709691185
A_23_P154806	NM_012156	EPB41L1	erythrocyte membrane protein band 4.1-like 1	ENST00000373951	-0,709709714
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,710190902
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,71029983
A_33_P3332362	NM_001207026	POU2F2	POU class 2 homeobox 2	ENST00000342301	-0,710407109
A_24_P342807	NM_017964	SLC30A6	solute carrier family 30 (zinc transporter), member 6	ENST00000435660	-0,710413342
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,710444185

A_33_P3251492	NR_026913	LOC100133669	uncharacterized LOC100133669		-0,710830597
A_23_P433798	NM_024825	PODNL1	podocan-like 1	ENST00000254320	-0,710854822
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,711145931
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,711369762
A_23_P24444	NM_001360	DHCR7	7-dehydrocholesterol reductase	ENST00000355527	-0,711448207
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,711487548
A_23_P33759	NM_004753	DHRS3	dehydrogenase/reductase (SDR family) member 3	ENST00000376223	-0,711556347
A_33_P3241786	NM_017482	ADD2	adducin 2 (beta)	ENST00000413157	-0,711698968
A_23_P252541	NM_177403	RAB7B	RAB7B, member RAS oncogene family		-0,712282081
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,712310502
A_19_P00322184	ENST00000436710	LOC100506119		ENST00000436710	-0,712389386
A_33_P3417313	NM_023078	PYCR1	pyrroline-5-carboxylate reductase-like	ENST00000377579	-0,712665434
A_23_P120566	NM_001042576	RRBP1	ribosome binding protein 1 homolog 180kDa (dog)	ENST00000455029	-0,712705401
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,712899188
A_21_P0011668	TCONS_I2_0001226; XLOC_I2_006575				-0,712978419
A_24_P270460	NM_005532	IFI27	interferon, alpha-inducible protein 27	ENST00000555121	-0,713060544
A_33_P3379091	NM_145731	SYNGR1	synaptogyrin 1		-0,713080653
A_21_P0008328	TCONS_00022481	XLOC_010810			-0,713161648
A_21_P0001976	ENST00000455128	XLOC_001897		ENST00000455128	-0,713279111
A_23_P68155	NM_022168	IFIH1	interferon induced with helicase C domain 1	ENST00000543192	-0,713573686
A_23_P127565	NM_178834	LAYN	layilin	ENST00000375615	-0,713698923
A_24_P6305	NM_006013	RPL10	ribosomal protein L10	ENST00000424325	-0,713706665
A_21_P0003867	TCONS_00008950	XLOC_003805			-0,713708037
A_23_P210708	NM_001040022	SIRPA	signal-regulatory protein alpha	ENST00000358771	-0,713748553
A_23_P106844	NM_005953	MT2A	metallothionein 2A	ENST00000245185	-0,713770619
A_23_P160159	NM_003039	SLC2A5	solute carrier family 2 (facilitated glucose/fructose transpor	ENST00000377424	-0,713861904
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,713996366
A_19_P00316135	NR_027252	CYP1B1-AS1		ENST00000413828	-0,714010902
A_33_P3666817	NM_001001791	C10orf55	chromosome 10 open reading frame 55	ENST00000412307	-0,714013079

A_23_P122508	NM_080870	DPCR1	diffuse panbronchiolitis critical region 1	ENST00000414703	-0,714201494
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,714473017
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,714492288
A_23_P254842	NM_012080	HDHD1	haloacid dehalogenase-like hydrolase domain containing 1	ENST00000544385	-0,714513847
A_23_P256473	NM_006379	SEMA3C	sema domain, immunoglobulin domain (Ig), short basic don	ENST00000265361	-0,714865902
A_21_P0005162	AK055022	XLOC_005681			-0,715326542
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,715363342
A_23_P11984	NM_201649	SLC6A9	solute carrier family 6 (neurotransmitter transporter, glycine)	ENST00000537678	-0,71538209
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,715409158
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,715453838
A_23_P141208	NM_015510	DHRS7B	dehydrogenase/reductase (SDR family) member 7B	ENST00000346603	-0,715562289
A_23_P361940	NM_003874	CD84	CD84 molecule	ENST00000368054	-0,71561206
A_23_P90933	NM_080876	DUSP19	dual specificity phosphatase 19	ENST00000342619	-0,716301659
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,716797218
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,716859076
A_21_P0002237	TCONS_00003727	XLOC_001515			-0,716948823
A_33_P3303810	NM_005558	LAD1	ladinin 1	ENST00000367313	-0,716949898
A_32_P48466	NM_152505	LCA5L	Leber congenital amaurosis 5-like	ENST00000495240	-0,716971908
A_23_P77593	NM_018052	VAC14	Vac14 homolog (<i>S. cerevisiae</i>)	ENST00000536184	-0,717180248
A_33_P3354451	NM_007028	TRIM31	tripartite motif containing 31	ENST00000540829	-0,717232548
A_33_P3404706	NM_001030288	SPN	sialophorin	ENST00000360121	-0,717262547
A_21_P0007136	AK307308	XLOC_009562			-0,717339087
A_33_P3399263	NM_001243539	IL15RA	interleukin 15 receptor, alpha	ENST00000379972	-0,717689825
A_33_P3280779	NM_025125	C10orf57	chromosome 10 open reading frame 57	ENST00000372274	-0,717804595
A_23_P24311	NM_000695	ALDH3B2	aldehyde dehydrogenase 3 family, member B2	ENST00000349015	-0,717905825
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,717931263
A_33_P3232552	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,718287914
A_23_P419213	NM_020817	KIAA1407	KIAA1407	ENST00000295878	-0,718538008
A_24_P678418	NR_015415	DICER1-AS	DICER1 antisense RNA (non-protein coding)		-0,718542317

A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,718562744
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,718707759
A_33_P3672756	XR_112106	LOC284561	uncharacterized LOC284561		-0,718760615
A_23_P52668	NM_005468	NAALADL1	N-acetylated alpha-linked acidic dipeptidase-like 1	ENST00000531174	-0,719601154
A_33_P3421913	NM_014333	CADM1	cell adhesion molecule 1		-0,719969386
A_23_P303455	NM_153832	GPR161	G protein-coupled receptor 161	ENST00000367835	-0,720074317
A_21_P0011948	ENST00000439362	XLOC_I2_008203		ENST00000439362	-0,720132425
A_23_P350574	NM_001002901	FCRLB	Fc receptor-like B	ENST00000495397	-0,72013805
A_23_P110212	NM_001995	ACSL1	acyl-CoA synthetase long-chain family member 1	ENST00000281455	-0,72015417
A_23_P32135	NM_018956	C9orf9	chromosome 9 open reading frame 9	ENST00000350499	-0,721049109
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,721063349
A_21_P0014829	XR_132680	LOC100652760	uncharacterized LOC100652760		-0,72128681
A_24_P378987	NM_145177	DHRX	dehydrogenase/reductase (SDR family) X-linked	ENST00000334651	-0,72143346
A_21_P0013701	AK095210	XLOC_I2_014850			-0,721569964
A_21_P0000664	ENST00000544344	CD4	CD4 molecule	ENST00000544344	-0,721584809
A_33_P3348782	NM_030622	CYP2S1	cytochrome P450, family 2, subfamily S, polypeptide 1	ENST00000301173	-0,721804375
A_23_P254978	NM_032026	TATDN1	TatD DNase domain containing 1	ENST00000523888	-0,721905829
A_23_P426663	NM_198159	MITF	microphthalmia-associated transcription factor	ENST00000394355	-0,722004237
A_24_P12626	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000451122	-0,722069273
A_33_P3370310	NM_001171796	C8orf83	chromosome 8 open reading frame 83	ENST00000378861	-0,72219154
A_19_P00320144	ENST00000502775	XLOC_003428		ENST00000502775	-0,722353689
A_23_P147605	NM_001003676	C11orf49	chromosome 11 open reading frame 49	ENST00000278460	-0,722405481
A_23_P257355	NM_000531	OTC	ornithine carbamoyltransferase	ENST00000039007	-0,722498346
A_24_P40529	NM_018196	TMLHE	trimethyllysine hydroxylase, epsilon	ENST00000334398	-0,722547109
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,722675338
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,722698794
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,722753622
A_33_P3352827	NM_003037	SLAMF1	signaling lymphocytic activation molecule family member 1	ENST00000355199	-0,722789904
A_23_P70448	NM_005325	HIST1H1A	histone cluster 1, H1a	ENST00000244573	-0,723034811

A_24_P80204	NM_005434	MALL	mal, T-cell differentiation protein-like	ENST00000272462	-0,723120779
A_21_P0010909	NR_034125	LOC387723	uncharacterized LOC387723		-0,723233288
A_23_P41470	NM_017631	DDX60	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	ENST00000393743	-0,72332924
A_21_P0006498	THC2714876	XLOC_007992			-0,723697773
A_24_P210637	NM_130468	CHST14	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase	ENST00000306243	-0,723870329
A_33_P3362900	NM_001145710	LOC375190	UPF0638 protein B	ENST00000420135	-0,723909029
A_33_P3249574	NM_004866	SCAMP1	secretory carrier membrane protein 1	ENST00000538629	-0,72400381
A_23_P372946	NM_138461	TM4SF19	transmembrane 4 L six family member 19	ENST00000442633	-0,7241257
A_33_P3225522	NM_001032731	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000449768	-0,724650129
A_24_P402080	NM_001025100	MBP	myelin basic protein	ENST00000397860	-0,724702644
A_33_P3274416	NR_034179	LOC653712	intraflagellar transport 122 homolog (Chlamydomonas) pse	ENST00000480931	-0,725028655
A_23_P139600	NM_004658	RASAL1	RAS protein activator like 1 (GAP1 like)	ENST00000446861	-0,725223155
A_23_P145096	NM_005084	PLA2G7	phospholipase A2, group VII (platelet-activating factor acety	ENST00000537365	-0,725486327
A_24_P333857	NM_032291	SGIP1	SH3-domain GRB2-like (endophilin) interacting protein 1	ENST00000237247	-0,725555572
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,725604651
A_33_P3226550	AK128321	SLC4A8	solute carrier family 4, sodium bicarbonate cotransporter, member 8		-0,725792065
A_23_P73609	NM_000266	NDP	Norrie disease (pseudoglioma)	ENST00000378062	-0,725793632
A_21_P0010561	NM_001244910	FCGR1B	Fc fragment of IgG, high affinity Ib, receptor (CD64)	ENST00000369178	-0,725881687
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,725936499
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,726114785
A_23_P435407	NM_001448	GPC4	glypican 4	ENST00000536418	-0,726130583
A_23_P85682	NM_005595	NFIA	nuclear factor I/A	ENST00000371187	-0,726484731
A_24_P753161	NM_001204	BMPR2	bone morphogenetic protein receptor, type II (serine/threo	ENST00000374580	-0,726525159
A_21_P0006675	ENST00000442526	XLOC_008467		ENST00000442526	-0,726582474
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,726678722
A_21_P0012543	TCONS_I2_0002013	XLOC_I2_010239			-0,726752078
A_33_P3242863	NM_020201	NT5M	5',3'-nucleotidase, mitochondrial	ENST00000389022	-0,726941927
A_19_P00318495	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,727150178
A_24_P227091	NM_004523	KIF11	kinesin family member 11	ENST00000260731	-0,727186308

A_33_P3818787	NR_027277	LOC344967	acyl-CoA thioesterase 7 pseudogene	ENST00000381811	-0,727228796
A_32_P209094	NM_018291	FGGY	FGGY carbohydrate kinase domain containing	ENST00000480847	-0,727403674
A_24_P389916	NM_005512	LRRC32	leucine rich repeat containing 32	ENST00000404995	-0,727615179
A_23_P384044	NM_152495	CNIH3	cornichon homolog 3 (Drosophila)	ENST00000272133	-0,727642227
A_23_P34093	NM_000402	G6PD	glucose-6-phosphate dehydrogenase	ENST00000369620	-0,727663679
A_33_P3296181	NM_001001437	CCL3L3	chemokine (C-C motif) ligand 3-like 3	ENST00000394484	-0,727800897
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,727809247
A_21_P0010405	THC2613584	XLOC_014192			-0,727885195
A_21_P0007155	ENST00000415809	XLOC_009363		ENST00000415809	-0,727893771
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,727904094
A_23_P119102	NM_003370	VASP	vasodilator-stimulated phosphoprotein	ENST00000245932	-0,727904639
A_24_P171268	NM_182663	RASSF5	Ras association (RalGDS/AF-6) domain family member 5	ENST00000304534	-0,727968347
A_21_P0000069	NM_001167915	VEPH1	ventricular zone expressed PH domain homolog 1 (zebrafish)	ENST00000468233	-0,728432708
A_24_P33982	NM_001085423	MILR1	mast cell immunoglobulin-like receptor 1		-0,728530074
A_23_P26994	NM_031498	GNGT2	guanine nucleotide binding protein (G protein), gamma trar	ENST00000515635	-0,728689586
A_23_P69573	NM_000856	GUCY1A3	guanylate cyclase 1, soluble, alpha 3	ENST00000455639	-0,728768484
A_21_P0007486	ENST00000400306	XLOC_009791		ENST00000400306	-0,7289514
A_23_P166526	NM_015653	RIBC2	RIB43A domain with coiled-coils 2	ENST00000538017	-0,729380669
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,729906615
A_21_P0004931	DA260573	XLOC_005449			-0,729947715
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,730691777
A_21_P0008874	AK056683	XLOC_011755			-0,73094128
A_19_P00317277	AK055877	LOC100506328	uncharacterized LOC100506328		-0,731007542
A_33_P3246763	NM_001166579	AANAT	aralkylamine N-acetyltransferase	ENST00000250615	-0,731257796
A_33_P3216601	NM_002012	FHIT	fragile histidine triad gene	ENST00000341848	-0,731837168
A_24_P334130	NM_054034	FN1	fibronectin 1	ENST00000426059	-0,732002247
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,732041702
A_23_P100386	NM_152456	IL34	interleukin 34	ENST00000429149	-0,73207961
A_33_P3257594	NM_213607	CCDC103	coiled-coil domain containing 103	ENST00000357776	-0,732142038

A_23_P56759	NM_016618	KRCC1	lysine-rich coiled-coil 1	ENST00000347055	-0,732166292
A_23_P85716	NM_021642	FCGR2A	Fc fragment of IgG, low affinity IIa, receptor (CD32)	ENST00000471026	-0,732168031
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,732578898
A_23_P155857	NM_198041	NUDT6	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000502270	-0,732867697
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,732879412
A_23_P414978	NM_177533	NUDT14	nudix (nucleoside diphosphate linked moiety X)-type motif	ENST00000339418	-0,732949428
A_33_P3349145	NM_012263	TTL1	tubulin tyrosine ligase-like family, member 1	ENST00000331018	-0,732960811
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,73298836
A_19_P00804093	NM_173463	CCDC149	coiled-coil domain containing 149	ENST00000507096	-0,732991249
A_33_P3416574	NM_016108	AIG1	androgen-induced 1	ENST00000367601	-0,733561504
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ dependent)	ENST00000492183	-0,733672619
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,73371749
A_33_P3258977	NM_080387	CLEC4D	C-type lectin domain family 4, member D	ENST00000299665	-0,734209323
A_23_P26629	NM_013258	PYCARD	PYD and CARD domain containing	ENST00000355986	-0,734277793
A_21_P0014154	XR_108621	LOC100507367	uncharacterized LOC100507367		-0,734279106
A_24_P413884	NM_001809	CENPA	centromere protein A	ENST00000233505	-0,734319332
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,734393802
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,734547132
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,734656616
A_19_P00805625	BC038559	LOC100506190	uncharacterized LOC100506190		-0,734696332
A_21_P0007411	TCONS_00019780	XLOC_009578			-0,734706395
A_33_P3316273	NM_002983	CCL3	chemokine (C-C motif) ligand 3	ENST00000470334	-0,735006414
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,735262015
A_23_P76078	NM_016584	IL23A	interleukin 23, alpha subunit p19	ENST00000228534	-0,735400944
A_23_P166087	NM_014737	RASSF2	Ras association (RalGDS/AF-6) domain family member 2	ENST00000379376	-0,735460496
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,735574849
A_23_P302568	NM_003459	SLC30A3	solute carrier family 30 (zinc transporter), member 3	ENST00000233535	-0,735613932
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,735725929
A_19_P00327354	AK057050	XLOC_l2_015037			-0,735754324

A_23_P208334	NM_006202	PDE4A	phosphodiesterase 4A, cAMP-specific	ENST00000419866	-0,735855308
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,736115627
A_24_P276628	NM_000310	PPT1	palmitoyl-protein thioesterase 1	ENST00000527107	-0,736266647
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,736319912
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,736447865
A_33_P3392537	NM_004614	TK2	thymidine kinase 2, mitochondrial	ENST00000451102	-0,736523745
A_23_P121480	NM_001004196	CD200	CD200 molecule	ENST00000478595	-0,736586326
A_21_P0003581	TCONS_00008003	XLOC_003469			-0,736777373
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,73681574
A_33_P3401459	NM_020971	SPTBN4	spectrin, beta, non-erythrocytic 4	ENST00000344104	-0,736936052
A_23_P35995	NM_024769	CLMP	CXADR-like membrane protein	ENST00000448775	-0,736954217
A_24_P295806	NM_023947	CHID1	chitinase domain containing 1	ENST00000528426	-0,737221528
A_21_P0007563	TCONS_00021139	XLOC_009765			-0,737422354
A_23_P95029	NM_021021	SNTB1	syntrophin, beta 1 (dystrophin-associated protein A1, 59kDa)	ENST00000395601	-0,737568526
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,737701655
A_24_P352952	NM_017565	FAM20A	family with sequence similarity 20, member A	ENST00000375556	-0,737804411
A_33_P3233906	NM_005855	RAMP1	receptor (G protein-coupled) activity modifying protein 1	ENST00000254661	-0,738235668
A_23_P50108	NM_006101	NDC80	NDC80 homolog, kinetochore complex component (S. cerevisiae)	ENST00000261597	-0,738308762
A_23_P10291	NM_001910	CTSE	cathepsin E	ENST00000360218	-0,738345995
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,738420362
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,738459449
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,738516977
A_24_P37589	NM_001099	ACPP	acid phosphatase, prostate	ENST00000512463	-0,738576919
A_23_P101434	NM_033297	NLRP12	NLR family, pyrin domain containing 12	ENST00000391773	-0,738582113
A_23_P218412	NM_004890	SPAG7	sperm associated antigen 7	ENST00000206020	-0,738611666
A_23_P255104	NM_005779	LHFPL2	lipoma HMGIC fusion partner-like 2	ENST00000515007	-0,738971095
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,739102734
A_33_P3260430	NM_005988	SPRR2A	small proline-rich protein 2A	ENST00000392653	-0,739156356
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,739160162

A_32_P131640	NM_173078	SLITRK4	SLIT and NTRK-like family, member 4	ENST00000338017	-0,739369321
A_33_P3359027	NM_001144872	CCDC42B	coiled-coil domain containing 42B	ENST00000551256	-0,739392321
A_23_P55251	NM_002204	ITGA3	integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 r	ENST00000505306	-0,739478674
A_23_P42909	NM_153345	TMEM139	transmembrane protein 139	ENST00000409244	-0,739573455
A_23_P218086	NM_001143819	TPCN1	two pore segment channel 1	ENST00000541517	-0,739598112
A_21_P0010418	TCONS_00029821	XLOC_014257			-0,739627262
A_21_P0000169	NM_001206790	TMPRSS13	transmembrane protease, serine 13	ENST00000526090	-0,739765898
A_24_P206343	NM_033054	MYO1G	myosin IG	ENST00000488554	-0,739826557
A_23_P420256	NM_021925	C2orf43	chromosome 2 open reading frame 43	ENST00000237822	-0,740032806
A_23_P107421	NM_003258	TK1	thymidine kinase 1, soluble	ENST00000405273	-0,740511753
A_33_P3368188	NM_006640	Sep-09	septin 9	ENST00000397613	-0,740647871
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,74107313
A_33_P3224190	NM_001040661	SLC29A4	solute carrier family 29 (nucleoside transporters), member 4	ENST00000297195	-0,741282389
A_23_P432947	NM_013372	GREM1	gremlin 1	ENST00000300177	-0,741326502
A_33_P3359061	NM_198537	YJEFN3	YjeF N-terminal domain containing 3	ENST00000512771	-0,74178921
A_23_P101972	NM_144575	CAPN13	calpain 13	ENST00000534090	-0,742032663
A_33_P3317253	NM_001001484	PTER	phosphotriesterase related	ENST00000378000	-0,742077323
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,7420836
A_24_P133905	NM_005064	CCL23	chemokine (C-C motif) ligand 23	ENST00000293280	-0,742087804
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,742114784
A_23_P412562	NM_174896	C1orf162	chromosome 1 open reading frame 162	ENST00000369718	-0,742237709
A_23_P61960	NM_145230	ATP6V0E2	ATPase, H+ transporting V0 subunit e2	ENST00000307445	-0,742477129
A_21_P0002052	TCONS_00003286	XLOC_002099			-0,742537482
A_33_P3210671	NM_207328	GPAT2	glycerol-3-phosphate acyltransferase 2, mitochondrial	ENST00000458519	-0,742604304
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,742823881
A_19_P00318494	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,742863278
A_24_P414376	NM_016531	KLF3	Kruppel-like factor 3 (basic)	ENST00000261438	-0,743275137
A_23_P110791	NM_005211	CSF1R	colony stimulating factor 1 receptor	ENST00000286301	-0,743843372
A_23_P148475	NM_012310	KIF4A	kinesin family member 4A	ENST00000544650	-0,743925717

A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,744042521
A_33_P3307903	NM_005192	CDKN3	cyclin-dependent kinase inhibitor 3	ENST00000216414	-0,744805861
A_33_P3217649	NM_001048265	C9orf116	chromosome 9 open reading frame 116	ENST00000371786	-0,744830987
A_23_P50990	NM_024322	CENPO	centromere protein O	ENST00000260662	-0,745205555
A_23_P129209	NM_002168	IDH2	isocitrate dehydrogenase 2 (NADP+), mitochondrial	ENST00000540499	-0,745231469
A_33_P3245734	NM_001130022	ZNF680	zinc finger protein 680	ENST00000447137	-0,745344698
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,745355473
A_21_P0007856	TCONS_00021241	XLOC_009926			-0,745633912
A_21_P0012695	TCONS_I2_0002138	XLOC_I2_011350			-0,745660795
A_33_P3381313	NM_001109977	FAM160A1	family with sequence similarity 160, member A1	ENST00000505231	-0,745826023
A_21_P0010522	ENST00000451482	XLOC_I2_000116		ENST00000451482	-0,74587949
A_23_P388812	NM_152515	CKAP2L	cytoskeleton associated protein 2-like	ENST00000435431	-0,74592622
A_19_P00317144	AK096731	XLOC_005595	0		-0,746312181
A_21_P0013858	ENST00000449645	TMLHE	trimethyllysine hydroxylase, epsilon	ENST00000449645	-0,746536428
A_33_P3216714	NM_014787	DNAJC6	DnaJ (Hsp40) homolog, subfamily C, member 6	ENST00000371069	-0,746642258
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,746647794
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000492183	-0,746755988
A_21_P0003821	TCONS_00008716	XLOC_004229			-0,746817378
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,747105291
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,747125045
A_33_P3403399	NM_018242	SLC47A1	solute carrier family 47, member 1	ENST00000395585	-0,747306358
A_33_P3319126	NM_175710	CR1L	complement component (3b/4b) receptor 1-like	ENST00000444269	-0,747704619
A_19_P00315804	NR_015375	FLJ35024	uncharacterized LOC401491		-0,747815349
A_33_P3214105	NM_001674	ATF3	activating transcription factor 3	ENST00000366981	-0,748029872
A_23_P109171	NM_001195	BFSP1	beaded filament structural protein 1, filensin	ENST00000536626	-0,748051926
A_33_P3867534	NM_182751	MCM10	minichromosome maintenance complex component 10	ENST00000361282	-0,748252123
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,748665594
A_23_P113613	NM_022842	CDCP1	CUB domain containing protein 1	ENST00000296129	-0,748796449
A_23_P112452	NR_003191	GGTA1P	glycoprotein, alpha-galactosyltransferase 1 pseudogene	ENST00000373793	-0,749046296

A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,749210665
A_24_P940517	NM_016297	PCYOX1	prenylcysteine oxidase 1	ENST00000433351	-0,749847575
A_23_P50368	NM_206818	OSCAR	osteoclast associated, immunoglobulin-like receptor	ENST00000358375	-0,749877925
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,750165612
A_21_P0013202	TCONS_I2_0002590:XLOC_I2_013425				-0,7502481
A_32_P83845	NM_001040708	HEY1	hairy/enhancer-of-split related with YRPW motif 1	ENST00000337919	-0,750329293
A_24_P125434	NM_032243	TXNDC2	thioredoxin domain containing 2 (spermatzoa)	ENST00000306084	-0,750539074
A_24_P393740	NM_001465	FYB	FYN binding protein	ENST00000351578	-0,750737442
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,750986508
A_23_P34307	NM_005482	PIGK	phosphatidylinositol glycan anchor biosynthesis, class K	ENST00000370812	-0,750987284
A_32_P222695	NM_001001669	ARHGGEF37	Rho guanine nucleotide exchange factor (GEF) 37	ENST00000333677	-0,751087168
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,751530926
A_21_P0010542	ENST00000451023	XLOC_I2_000342		ENST00000451023	-0,751619004
A_24_P405205	NM_001001396	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000367218	-0,75178533
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,752052892
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,752151817
A_23_P163481	NM_001211	BUB1B	budding uninhibited by benzimidazoles 1 homolog beta (ye:	ENST00000412359	-0,752158827
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,752415083
A_21_P0002935	TCONS_00005961	XLOC_002592			-0,752597976
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,752684939
A_23_P157404	NM_001283	AP1S1	adaptor-related protein complex 1, sigma 1 subunit	ENST00000337619	-0,753160663
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,753483328
A_21_P0012594	NR_038303	LOC100505702	uncharacterized LOC100505702		-0,753954251
A_23_P67151	NM_058164	OLFM2	olfactomedin 2	ENST00000264833	-0,754113874
A_23_P156180	NM_003059	SLC22A4	solute carrier family 22 (organic cation/ergothioneine trans	ENST00000200652	-0,754200805
A_23_P138507	NM_001786	CDK1	cyclin-dependent kinase 1	ENST00000448257	-0,754322667
A_23_P310410	NM_001042583	CD1E	CD1e molecule	ENST00000434258	-0,754355748
A_23_P119562	NM_001928	CFD	complement factor D (adipsin)	ENST00000327726	-0,754444221
A_33_P3258041	NM_001037277	GGPS1	geranylgeranyl diphosphate synthase 1	ENST00000358966	-0,754525899

A_23_P45560	NM_000273	GPR143	G protein-coupled receptor 143	ENST00000380929	-0,75466706
A_23_P113748	NM_024697	ZNF385D	zinc finger protein 385D	ENST00000494118	-0,754709446
A_24_P192301	NM_006080	SEMA3A	sema domain, immunoglobulin domain (Ig), short basic don	ENST00000265362	-0,754902163
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,755051387
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,755687615
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,755946651
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,756070387
A_23_P329924	NM_177551	HCAR2	hydroxycarboxylic acid receptor 2	ENST00000536970	-0,756176665
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,756179073
A_23_P6381	NM_002430	MN1	meningioma (disrupted in balanced translocation) 1	ENST00000302326	-0,756359931
A_23_P152406	NM_032330	CAPNS2	calpain, small subunit 2	ENST00000457326	-0,756640851
A_33_P3382924	NM_003118	SPARC	secreted protein, acidic, cysteine-rich (osteonectin)	ENST00000231061	-0,756826261
A_33_P3376264	ENST00000378938	GK	glycerol kinase	ENST00000378938	-0,756932948
A_23_P166797	NM_022147	RTP4	receptor (chemosensory) transporter protein 4	ENST00000259030	-0,757235274
A_23_P165598	NM_001017920	DAPL1	death associated protein-like 1	ENST00000309950	-0,757851409
A_23_P170857	NM_002182	IL1RAP	interleukin 1 receptor accessory protein	ENST00000447382	-0,757939268
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,758350468
A_33_P3311755	NM_138555	KIF23	kinesin family member 23	ENST00000395392	-0,758490763
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,758986858
A_21_P0003488	ENST00000504082	XLOC_004032		ENST00000504082	-0,759106978
A_23_P156667	NM_002714	PPP1R10	protein phosphatase 1, regulatory subunit 10	ENST00000376511	-0,759401578
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,759403325
A_33_P3276615	NM_030643	APOL4	apolipoprotein L, 4	ENST00000352371	-0,759447239
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,75948135
A_33_P3368014	NM_001040107	HVCN1	hydrogen voltage-gated channel 1	ENST00000356742	-0,759799047
A_33_P3309621	NR_002804	SIGLECP3	sialic acid binding Ig-like lectin, pseudogene 3	ENST00000341811	-0,759882382
A_33_P3305758	NM_001747	CAPG	capping protein (actin filament), gelsolin-like	ENST00000415012	-0,759974586
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,760148946
A_21_P0006228	CF127220	XLOC_007571			-0,760495522

A_23_P250564	NM_005400	PRKCE	protein kinase C, epsilon	ENST00000306156	-0,760587083
A_24_P143138	NM_004463	FGD1	FYVE, RhoGEF and PH domain containing 1	ENST00000375135	-0,760653218
A_24_P319113	NM_002562	P2RX7	purinergic receptor P2X, ligand-gated ion channel, 7	ENST00000377162	-0,760806947
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,76088126
A_33_P3606465	NR_033754	CBX3P2	chromobox homolog 3 pseudogene 2		-0,760921541
A_19_P00802615	NR_034089	LOC100131564	uncharacterized LOC100131564		-0,761011393
A_23_P80817	NM_013259	TAGLN3	transgelin 3	ENST00000478951	-0,761308007
A_24_P125335	NM_005408	CCL13	chemokine (C-C motif) ligand 13	ENST00000225844	-0,761399768
A_23_P148609	NM_021796	PLAC1	placenta-specific 1	ENST00000476971	-0,761452274
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,761527224
A_33_P3354607	NM_002984	CCL4	chemokine (C-C motif) ligand 4	ENST00000250151	-0,761800101
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,761968814
A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,762105572
A_23_P70007	NM_012484	HMMR	hyaluronan-mediated motility receptor (RHAMM)	ENST00000393915	-0,762341367
A_23_P166848	NM_002343	LTF	lactotransferrin	ENST00000426532	-0,762377682
A_21_P0000141	NM_001198844	RBM4	RNA binding motif protein 4	ENST00000550837	-0,762618034
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,76278487
A_33_P3291176	NM_001017921	VMAC	vimentin-type intermediate filament associated coiled-coil	ENST00000339485	-0,762871431
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,762967866
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,763090511
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,76309791
A_21_P0014598	ENST00000454219	LOC730081		ENST00000454219	-0,763318058
A_24_P38754	NM_018464	CISD1	CDGSH iron sulfur domain 1	ENST00000333926	-0,763580043
A_23_P21485	NM_017933	PID1	phosphotyrosine interaction domain containing 1	ENST00000392055	-0,7636266
A_33_P3281572	NR_002174	CMAHP	cytidine monophospho-N-acetylneuraminic acid hydroxylas	ENST00000377993	-0,763738948
A_32_P152767	NM_207371	C10orf140	chromosome 10 open reading frame 140	ENST00000449193	-0,763767471
A_33_P3318530	NR_015364	LOC441204	uncharacterized LOC441204		-0,764016377
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,764211262
A_21_P0010364	ENST00000428765	XLOC_014257		ENST00000428765	-0,764235114

A_23_P314145	NM_005715	UST	uronyl-2-sulfotransferase	ENST00000367463	-0,764263826
A_19_P00328832	NR_026961	LOC284837	uncharacterized LOC284837	ENST00000400385	-0,764418626
A_23_P151368	NM_174928	N6AMT2	N-6 adenine-specific DNA methyltransferase 2 (putative)	ENST00000382754	-0,764512682
A_33_P3399228	NM_032808	LINGO1	leucine rich repeat and Ig domain containing 1	ENST00000355300	-0,764653175
A_23_P138194	NM_000433	NCF2	neutrophil cytosolic factor 2	ENST00000392014	-0,764660614
A_33_P3276100	NR_027336	LOC100130015	5-hydroxyisourate hydrolase pseudogene	ENST00000409768	-0,764766007
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,764899788
A_33_P3250398	BC025419	CTSZ	cathepsin Z		-0,764948658
A_21_P0012917	TCONS_I2_0002302	XLOC_I2_012147			-0,765660369
A_23_P38784	NM_014385	SIGLEC7	sialic acid binding Ig-like lectin 7	ENST00000317643	-0,765851071
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,765923247
A_32_P132860	NR_024280	UNQ6494	uncharacterized LOC100129066		-0,765980561
A_32_P192970	NM_170726	ALDH4A1	aldehyde dehydrogenase 4 family, member A1	ENST00000432718	-0,766159572
A_23_P29773	NM_014398	LAMP3	lysosomal-associated membrane protein 3	ENST00000265598	-0,766254688
A_24_P926783	NM_001145434	ZNF880	zinc finger protein 880	ENST00000422689	-0,766259882
A_33_P3221313	NM_006733	CENPI	centromere protein I	ENST00000423383	-0,766366958
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,766472392
A_23_P118246	NM_016095	GINS2	GINS complex subunit 2 (Psf2 homolog)	ENST00000253462	-0,766548231
A_21_P0010798	BC033943	LOC646627	phospholipase inhibitor	ENST00000436484	-0,766794768
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,766824103
A_33_P3384871	NM_001142522	FBXO5	F-box protein 5	ENST00000477822	-0,766978609
A_23_P139500	NM_030762	BHLHE41	basic helix-loop-helix family, member e41	ENST00000242728	-0,767475751
A_21_P0003312	TCONS_00007354	XLOC_003400			-0,767917991
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,768190274
A_24_P89457	NM_078467	CDKN1A	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	ENST00000478800	-0,768227529
A_24_P202139	NM_016025	METTL9	methyltransferase like 9	ENST00000540294	-0,768610849
A_23_P58407	NM_001076	UGT2B15	UDP glucuronosyltransferase 2 family, polypeptide B15	ENST00000338206	-0,769137601
A_19_P00331853	NR_034089	LOC100131564	uncharacterized LOC100131564		-0,769231582
A_33_P3309289	AK021929	ST3GAL4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4		-0,76956782

A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,769843141
A_32_P79434	NM_002847	PTPRN2	protein tyrosine phosphatase, receptor type, N polypeptide	ENST00000389418	-0,769965524
A_23_P42004	NM_033125	SLC22A16	solute carrier family 22 (organic cation/carnitine transporte	ENST00000330550	-0,770004597
A_21_P0001779	XR_109926	LOC100506286	uncharacterized LOC100506286		-0,770033182
A_24_P324314	NM_001008529	MXRA7	matrix-remodelling associated 7	ENST00000375036	-0,770093527
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,770328074
A_33_P3403598	NM_001080825	TMEM120B	transmembrane protein 120B	ENST00000333310	-0,770344881
A_23_P41487	NM_015130	TBC1D9	TBC1 domain family, member 9 (with GRAM domain)	ENST00000442267	-0,770566395
A_23_P152782	NM_005533	IFI35	interferon-induced protein 35	ENST00000538473	-0,770704498
A_23_P50928	NM_182528	C1QL2	complement component 1, q subcomponent-like 2	ENST00000272520	-0,770799527
A_23_P161218	NM_014391	ANKRD1	ankyrin repeat domain 1 (cardiac muscle)	ENST00000371697	-0,770858586
A_23_P36397	NM_000785	CYP27B1	cytochrome P450, family 27, subfamily B, polypeptide 1	ENST00000228606	-0,770882839
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,77106309
A_23_P253791	NM_004345	CAMP	cathelicidin antimicrobial peptide	ENST00000296435	-0,771137033
A_33_P3242503	NM_199451	ZNF365	zinc finger protein 365	ENST00000410046	-0,771654916
A_23_P421401	NM_002609	PDGFRB	platelet-derived growth factor receptor, beta polypeptide	ENST00000544453	-0,772362411
A_21_P0000568	NR_028471	LOC644649	apolipoprotein O pseudogene		-0,772520937
A_33_P3240018	NM_000922	PDE3B	phosphodiesterase 3B, cGMP-inhibited	ENST00000282096	-0,772556326
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,773217026
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activ	ENST00000445463	-0,773583964
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,773788731
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,774309663
A_23_P23048	NM_002965	S100A9	S100 calcium binding protein A9	ENST00000368738	-0,774496182
A_24_P928052	NM_003873	NRP1	neuropilin 1	ENST00000374867	-0,77475335
A_23_P126593	NM_005620	S100A11	S100 calcium binding protein A11	ENST00000271638	-0,774834765
A_23_P134854	NM_194284	CLDN23	claudin 23	ENST00000519106	-0,774840047
A_23_P112004	NM_012472	LRRC6	leucine rich repeat containing 6	ENST00000395414	-0,774967445
A_23_P253321	NM_006228	PNOG	prepronociceptin	ENST00000301908	-0,775112962
A_23_P117662	NM_002112	HDC	histidine decarboxylase	ENST00000267845	-0,775247602

A_33_P3340752	XR_132784	LOC100130887	uncharacterized LOC100130887	ENST00000437593	-0,775402046
A_33_P3240552	ENST00000509355	PDE4D	phosphodiesterase 4D, cAMP-specific	ENST00000509355	-0,775646166
A_21_P0000575	NR_029193	LOC100287216	uncharacterized LOC100287216		-0,775864917
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,775965424
A_33_P3355230	NM_002287	LAIR1	leukocyte-associated immunoglobulin-like receptor 1	ENST00000313038	-0,776014344
A_24_P158089	NM_000602	SERPINE1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1)	ENST00000445463	-0,776223666
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,77638163
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,776694809
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,77672363
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,776826514
A_33_P3407256	NM_001166260	TRIP13	thyroid hormone receptor interactor 13	ENST00000512024	-0,777048946
A_24_P151582	NM_003216	TEF	thyrotrophic embryonic factor	ENST00000266304	-0,77708792
A_23_P64617	NM_012193	FZD4	frizzled family receptor 4	ENST00000531380	-0,777124902
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,777557076
A_33_P3376636	NM_001017989	OPA3	optic atrophy 3 (autosomal recessive, with chorea and spastic paraparesis)	ENST00000323060	-0,777663723
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,777675544
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,777679037
A_33_P3304372	NM_018342	TMEM144	transmembrane protein 144	ENST00000511532	-0,777907031
A_23_P165136	NM_145256	LRRC25	leucine rich repeat containing 25	ENST00000339007	-0,77812632
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,778144051
A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	-0,778295006
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,778386115
A_21_P0014653	XR_110911	LOC100507521	uncharacterized LOC100507521	ENST00000524942	-0,778414192
A_32_P165116	NM_138458	WDR92	WD repeat domain 92	ENST00000406334	-0,779517668
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	-0,779698512
A_23_P308722	NM_145038	CCDC164	coiled-coil domain containing 164	ENST00000288710	-0,780046824
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,780069015
A_23_P12082	NM_001025199	CHI3L2	chitinase 3-like 2	ENST00000369748	-0,780490307
A_23_P106973	NM_006640	Sep-09	septin 9	ENST00000329047	-0,780676239

A_23_P345220	NM_014631	SH3PXD2A	SH3 and PX domains 2A	ENST00000315994	-0,780776551
A_23_P38795	NM_002029	FPR1	formyl peptide receptor 1	ENST00000304748	-0,780825092
A_33_P3315134	NR_026597	DIRC3	disrupted in renal carcinoma 3	ENST00000474063	-0,780852322
A_23_P80974	NM_005651	TDO2	tryptophan 2,3-dioxygenase	ENST00000510293	-0,781233861
A_23_P79108	NM_138813	ATP8B3	ATPase, aminophospholipid transporter, class I, type 8B, me	ENST00000531925	-0,781250891
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,781597649
A_23_P77590	NM_018052	VAC14	Vac14 homolog (<i>S. cerevisiae</i>)	ENST00000536184	-0,781763066
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,781802121
A_23_P126649	NM_024554	PGBD5	piggyBac transposable element derived 5	ENST00000321327	-0,781892594
A_21_P0000893	NR_040051	LOC100506686	uncharacterized LOC100506686		-0,781902175
A_19_P00315651	XR_132670	LOC100652730	uncharacterized LOC100652730	ENST00000412500	-0,782266867
A_24_P169013	NR_001298	HLA-DRB6	major histocompatibility complex, class II, DR beta 6 (pseud	ENST00000437183	-0,7826012
A_23_P41194	NM_153353	LRRC34	leucine rich repeat containing 34	ENST00000522329	-0,782620193
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,782769825
A_33_P3374205	NM_002417	MKI67	antigen identified by monoclonal antibody Ki-67	ENST00000537609	-0,783650366
A_23_P334173	NM_002349	LY75	lymphocyte antigen 75	ENST00000263636	-0,783666937
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,783726275
A_33_P3372466	NM_138501	TECR	trans-2,3-enoyl-CoA reductase	ENST00000444365	-0,783915322
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,784096711
A_21_P0000727	NR_038216	LOC154092	uncharacterized LOC154092	ENST00000456749	-0,784221835
A_24_P215765	NM_024490	ATP10A	ATPase, class V, type 10A	ENST00000555815	-0,78452701
A_23_P24493	NM_002424	MMP8	matrix metalloproteinase 8 (neutrophil collagenase)	ENST00000528662	-0,784884907
A_24_P387609	NM_030940	ISCA1	iron-sulfur cluster assembly 1 homolog (<i>S. cerevisiae</i>)	ENST00000375991	-0,785282587
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,785936679
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,786194286
A_23_P49539	NM_001080519	BAHCC1	BAH domain and coiled-coil containing 1	ENST00000307745	-0,786220123
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,786220451
A_23_P7896	NM_020185	DUSP22	dual specificity phosphatase 22	ENST00000344450	-0,786307352
A_33_P3370449	NM_152413	GOT1L1	glutamic-oxaloacetic transaminase 1-like 1	ENST00000307599	-0,786350054

A_24_P135769	NM_198315	VWA5A	von Willebrand factor A domain containing 5A	ENST00000449321	-0,786454074
A_33_P3222917	NM_001024736	CD276	CD276 molecule	ENST00000318443	-0,786475379
A_23_P97860	NM_000235	LIPA	lipase A, lysosomal acid, cholesterol esterase	ENST00000425287	-0,78662312
A_24_P295010	NM_004155	SERPINB9	serpin peptidase inhibitor, clade B (ovalbumin), member 9	ENST00000380698	-0,786768069
A_33_P3369567	NM_001242932	LSP1	lymphocyte-specific protein 1	ENST00000484895	-0,786960832
A_32_P74409	NM_001145033	C11orf96	chromosome 11 open reading frame 96	ENST00000528572	-0,787132642
A_33_P3223002	NM_018485	GPR77	G protein-coupled receptor 77	ENST00000257267	-0,787253309
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,787352023
A_33_P3398597	NM_133180	EPS8L1	EPS8-like 1	ENST00000310075	-0,787598436
A_24_P197964	NM_014788	TRIM14	tripartite motif containing 14	ENST00000341469	-0,787883762
A_33_P3376971	NM_024111	CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)	ENST00000446533	-0,788056859
A_33_P3402565	NM_004415	DSP	desmoplakin	ENST00000397483	-0,78835446
A_23_P334664	NM_033247	PML	promyelocytic leukemia	ENST00000395132	-0,788428856
A_23_P139864	NM_031289	GSG1	germ cell associated 1	ENST00000351606	-0,788674056
A_23_P329261	NM_000891	KCNJ2	potassium inwardly-rectifying channel, subfamily J, member 2	ENST00000243457	-0,788764208
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,788767154
A_33_P3259890	NR_033932	FLJ35946	uncharacterized protein FLJ35946	ENST00000515003	-0,789296904
A_33_P3217393	NM_001024736	CD276	CD276 molecule	ENST00000379823	-0,789421516
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,789503498
A_24_P106794	NM_032869	NUDCD1	NudC domain containing 1	ENST00000239690	-0,789521224
A_23_P80032	NM_005225	E2F1	E2F transcription factor 1	ENST00000343380	-0,789584377
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,789828311
A_21_P0012804	ENST00000509161	XLOC_l2_011291		ENST00000509161	-0,790314659
A_23_P425752	NM_033219	TRIM14	tripartite motif containing 14	ENST00000342043	-0,790942458
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ dependent)	ENST00000492183	-0,791056606
A_19_P00322314	ENST00000514050	XLOC_l2_011173		ENST00000514050	-0,791610259
A_33_P3369336	NM_002054	GCG	glucagon	ENST00000375497	-0,791662853
A_33_P3232960	NM_001010870	TDRD6	tudor domain containing 6	ENST00000544460	-0,791853854
A_33_P3266863	NM_024587	TMEM53	transmembrane protein 53	ENST00000372237	-0,792130893

A_23_P31921	NM_000050	ASS1	argininosuccinate synthase 1	ENST00000422569	-0,79244726
A_23_P390726	NM_144725	TTC23L	tetratricopeptide repeat domain 23-like	ENST00000514080	-0,792602294
A_23_P138881	NM_001104	ACTN3	actinin, alpha 3	ENST00000502692	-0,792721629
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,792974864
A_33_P3270668	NM_001031690	FAM131B	family with sequence similarity 131, member B	ENST00000409222	-0,793250612
A_33_P3265404	NR_026994	LOC340094	uncharacterized LOC340094	ENST00000508201	-0,793462297
A_21_P0001647	ENST00000549744	XLOC_001266		ENST00000549744	-0,793820246
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,793887964
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,794085135
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,794101299
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,79414009
A_23_P819	NM_005101	ISG15	ISG15 ubiquitin-like modifier	ENST00000379389	-0,794472888
A_23_P399078	NM_000362	TIMP3	TIMP metalloproteinase inhibitor 3	ENST00000266085	-0,794647767
A_21_P0006239	XR_109854	LOC100506532	uncharacterized LOC100506532		-0,794815615
A_33_P3389023	NM_024592	SRD5A3	steroid 5 alpha-reductase 3	ENST00000264228	-0,794938308
A_23_P40453	NM_001236	CBR3	carbonyl reductase 3	ENST00000290354	-0,795501105
A_24_P158718	NM_015177	DTX4	deltex homolog 4 (Drosophila)	ENST00000227451	-0,795781573
A_21_P0001680	TCONS_00002039	XLOC_000208			-0,795845033
A_23_P137931	NM_000677	ADORA3	adenosine A3 receptor	ENST00000241356	-0,796165667
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,796367064
A_23_P361584	NM_152680	TMEM154	transmembrane protein 154	ENST00000304385	-0,796740598
A_23_P354288	NM_153606	FAM71A	family with sequence similarity 71, member A	ENST00000545975	-0,796751388
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,796784725
A_21_P0004612	BC038196	XLOC_005773		ENST00000441949	-0,796970185
A_24_P60441	NM_153717	EVC	Ellis van Creveld syndrome	ENST00000264956	-0,797104085
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,797247345
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,798001756
A_23_P154605	NM_018837	SULF2	sulfatase 2	ENST00000467815	-0,798442102
A_24_P237443	NM_018990	SASH3	SAM and SH3 domain containing 3	ENST00000356892	-0,798748795

A_33_P3264846	NM_152703	SAMD9L	sterile alpha motif domain containing 9-like	ENST00000394472	-0,798778547
A_23_P257649	NM_002899	RBP1	retinol binding protein 1, cellular	ENST00000232219	-0,798961988
A_23_P372848	NM_002558	P2RX1	purinergic receptor P2X, ligand-gated ion channel, 1	ENST00000225538	-0,799149007
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,79939954
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,79945095
A_21_P0000091	NM_001172780	LRRC34	leucine rich repeat containing 34	ENST00000524327	-0,799597704
A_33_P3257027	NM_002009	FGF7	fibroblast growth factor 7	ENST00000377614	-0,799611991
A_23_P111583	NM_001001547	CD36	CD36 molecule (thrombospondin receptor)	ENST00000419819	-0,79978969
A_23_P393727	NM_201266	NRP2	neuropilin 2	ENST00000540841	-0,799904628
A_21_P0001920	ENST00000421326	XLOC_001692		ENST00000421326	-0,800075679
A_32_P62997	NM_018492	PBK	PDZ binding kinase	ENST00000301905	-0,800210643
A_21_P0001233	ENST00000433058	XLOC_001230		ENST00000433058	-0,800289507
A_21_P0014190	XR_108779	LOC100288594	uncharacterized LOC100288594		-0,800487638
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,800718043
A_23_P200829	NM_015326	SRGAP2	SLIT-ROBO Rho GTPase activating protein 2	ENST00000295713	-0,802391669
A_23_P887	NM_014002	IKBKE	inhibitor of kappa light polypeptide gene enhancer in B-cell	ENST00000537984	-0,802876205
A_21_P0006884	TCONS_00018249	XLOC_008527			-0,802936841
A_33_P3244610	NM_178460	SIRPD	signal-regulatory protein delta	ENST00000381623	-0,803300532
A_19_P00319201	NM_173463	CCDC149	coiled-coil domain containing 149	ENST00000504487	-0,803312906
A_21_P0000794	NR_038421	LOC731223	uncharacterized LOC731223		-0,803691263
A_23_P7853	NM_007058	CAPN11	calpain 11	ENST00000533604	-0,803700221
A_33_P3326767	XR_110123	LOC100129597	uncharacterized LOC100129597		-0,803846953
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,804388195
A_19_P00805954	TCONS_00011660	XLOC_005143			-0,804571508
A_23_P124190	NM_130390	TRIM34	tripartite motif containing 34	ENST00000491385	-0,804576348
A_33_P3409477	NM_032873	UBASH3B	ubiquitin associated and SH3 domain containing B	ENST00000284273	-0,804625831
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,804984975
A_23_P250245	NM_001782	CD72	CD72 molecule	ENST00000490239	-0,805041504
A_23_P113613	NM_022842	CDCP1	CUB domain containing protein 1	ENST00000296129	-0,805129118

A_33_P3328609	NM_003628	PKP4	plakophilin 4	ENST00000426248	-0,805232302
A_32_P405759	NM_152888	COL22A1	collagen, type XXII, alpha 1	ENST00000435777	-0,805387171
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,806111016
A_24_P914513	NM_183050	BCKDHB	branched chain keto acid dehydrogenase E1, beta polypeptide	ENST00000320393	-0,806393598
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,806605804
A_33_P3348719	NM_002010	FGF9	fibroblast growth factor 9 (glia-activating factor)	ENST00000382353	-0,806902142
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,80710134
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,807115506
A_24_P317907	NM_001034954	SORBS1	sorbin and SH3 domain containing 1	ENST00000371247	-0,807284711
A_23_P121665	NM_020777	SORCS2	sortilin-related VPS10 domain containing receptor 2	ENST00000507866	-0,807511683
A_21_P0007484	NR_040245	LOC100287314	uncharacterized LOC100287314	ENST00000547804	-0,808329279
A_21_P0004231	TCONS_00009878	XLOC_004300			-0,808329789
A_33_P3308686	NM_020785	CC2D2A	coiled-coil and C2 domain containing 2A	ENST00000438599	-0,80840615
A_21_P0007881	TCONS_00021347	XLOC_010117			-0,808491316
A_19_P00318323	NR_015410	LINC00340	long intergenic non-protein coding RNA 340		-0,808527654
A_33_P3258478	XM_003403406	KIR3DL1	killer cell immunoglobulin-like receptor, three domains, long cytoplasmic tail, 1		-0,808837296
A_23_P163697	NM_016524	SYT17	synaptotagmin XVII	ENST00000355377	-0,808851959
A_24_P148717	NM_001295	CCR1	chemokine (C-C motif) receptor 1	ENST00000296140	-0,809050125
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,809102534
A_21_P0013601	AK024464	XLOC_I2_015033			-0,809220332
A_23_P204751	NM_020039	ACCN2	amiloride-sensitive cation channel 2, neuronal	ENST00000228468	-0,809345599
A_23_P58321	NM_001237	CCNA2	cyclin A2	ENST00000274026	-0,809469484
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,809838136
A_33_P3251552	NM_001029871	RSPO4	R-spondin 4	ENST00000217260	-0,810065242
A_21_P0010706	ENST00000447329	XLOC_I2_000233		ENST00000447329	-0,810092093
A_23_P3956	NM_198594	C1QTNF1	C1q and tumor necrosis factor related protein 1	ENST00000339142	-0,810280062
A_19_P00801945	NR_015364	LOC441204	uncharacterized LOC441204		-0,810408558
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,810536736
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,810982186

A_23_P147918	NM_080388	S100A16	S100 calcium binding protein A16	ENST00000368703	-0,811172245
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,811874279
A_21_P0014693	ENST00000451775	LOC100506847		ENST00000451775	-0,812333094
A_21_P0014077	NR_040772	LOC100505666	uncharacterized LOC100505666	ENST00000452962	-0,812512
A_33_P3411427	NM_001129730	ZNF837	zinc finger protein 837	ENST00000427624	-0,812549654
A_21_P0001290	ENST00000429328	XLOC_000175		ENST00000429328	-0,812570208
A_33_P3213707	NM_025239	PDCD1LG2	programmed cell death 1 ligand 2	ENST00000397745	-0,812630789
A_33_P3213665	NR_038385	LOC728084	uncharacterized LOC728084		-0,813134598
A_23_P139669	NM_006931	SLC2A3	solute carrier family 2 (facilitated glucose transporter), men	ENST00000479059	-0,814194255
A_33_P3277373	NM_020530	OSM	oncostatin M	ENST00000215781	-0,815183734
A_23_P334955	NM_053279	FAM167A	family with sequence similarity 167, member A	ENST00000284486	-0,815502145
A_21_P0003110	THC2659360	XLOC_003077			-0,815749085
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,816085582
A_33_P3392892	NM_017886	ULK4	unc-51-like kinase 4 (C. elegans)	ENST00000301831	-0,816806875
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,817326945
A_24_P279489	NM_001128159	VPS53	vacuolar protein sorting 53 homolog (S. cerevisiae)	ENST00000437048	-0,8173797
A_24_P7594	NM_030641	APOL6	apolipoprotein L, 6		-0,817954693
A_33_P3240328	NM_002653	PITX1	paired-like homeodomain 1	ENST00000265340	-0,818055495
A_23_P89780	NM_198129	LAMA3	laminin, alpha 3	ENST00000416669	-0,818117257
A_33_P3259092	NM_001079802	FKTN	fukutin	ENST00000457847	-0,818738762
A_23_P415401	NM_001206	KLF9	Kruppel-like factor 9	ENST00000377126	-0,819070686
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,819613962
A_24_P376047	NM_004917	KLK4	kallikrein-related peptidase 4	ENST00000431178	-0,819672044
A_21_P0003409	ENST00000515860	XLOC_003709		ENST00000515860	-0,819691353
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,819958932
A_23_P42882	NM_172082	CAMK2B	calcium/calmodulin-dependent protein kinase II beta	ENST00000395747	-0,820075928
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,82017592
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,82021356
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,820341409

A_23_P93431	NM_016108	AIG1	androgen-induced 1	ENST00000357847	-0,820802805
A_21_P0011496	NM_001025195	CES1	carboxylesterase 1	ENST00000360526	-0,821374165
A_23_P258612	NM_016529	ATP8A2	ATPase, aminophospholipid transporter, class I, type 8A, m	ENST00000544544	-0,821512588
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,821848709
A_21_P0001003	ENST00000420156	XLOC_000352		ENST00000420156	-0,821904477
A_24_P335305	NM_006187	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	ENST00000323881	-0,822189331
A_23_P432573	NM_145015	MRGPRF	MAS-related GPR, member F	ENST00000309099	-0,822261504
A_32_P4018	ENST00000371079	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000371079	-0,8222936
A_21_P0001330	TCONS_00001012	XLOC_000278			-0,823156229
A_33_P3276323	NR_033886	RAD21-AS1	RAD21 antisense RNA 1 (non-protein coding)	ENST00000521487	-0,823415017
A_24_P236235	NM_013231	FLRT2	fibronectin leucine rich transmembrane protein 2	ENST00000330753	-0,823444119
A_21_P0011069	XR_109143	LOC100506691	uncharacterized LOC100506691		-0,823446548
A_33_P3344399	NM_001199017	LRRC49	leucine rich repeat containing 49	ENST00000436542	-0,823944286
A_23_P122924	NM_002192	INHBA	inhibin, beta A	ENST00000442711	-0,824252479
A_21_P0006100	THC2666038	XLOC_007820			-0,824405046
A_23_P218770	NM_002872	RAC2	ras-related C3 botulinum toxin substrate 2 (rho family, smal	ENST00000249071	-0,824455129
A_24_P117410	NM_138433	KLHDC7B	kelch domain containing 7B	ENST00000395676	-0,824850484
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,825440212
A_33_P3385957	NM_012263	TTL1	tubulin tyrosine ligase-like family, member 1	ENST00000440761	-0,825508764
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,825528586
A_23_P403991	NM_024080	TRPM8	transient receptor potential cation channel, subfamily M, m	ENST00000324695	-0,825606607
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,826192221
A_33_P3424067	NM_017635	SUV420H1	suppressor of variegation 4-20 homolog 1 (Drosophila)	ENST00000304363	-0,826214553
A_23_P302550	NM_130782	RGS18	regulator of G-protein signaling 18	ENST00000367460	-0,826763553
A_21_P0003276	TCONS_00007086	XLOC_003007			-0,827360869
A_23_P434809	NM_002964	S100A8	S100 calcium binding protein A8	ENST00000368733	-0,827366595
A_23_P38468	NM_014604	TAX1BP3	Tax1 (human T-cell leukemia virus type I) binding protein 3	ENST00000550383	-0,82781775
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,828557294
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746	-0,828584975

A_23_P94030	NM_002291	LAMB1	laminin, beta 1	ENST00000222399	-0,828871293
A_21_P0014444	XR_109837	LOC100507639	uncharacterized LOC100507639		-0,829058764
A_23_P60146	NM_006207	PDGFR1	platelet-derived growth factor receptor-like	ENST00000251630	-0,829637811
A_33_P3373459	NM_018641	CHST12	carbohydrate (chondroitin 4) sulfotransferase 12	ENST00000258711	-0,830024972
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,830196462
A_33_P3322999	NM_001164375	C10orf105	chromosome 10 open reading frame 105	ENST00000398786	-0,830206528
A_21_P0014410	ENST00000442637	LOC100507459		ENST00000442637	-0,830622519
A_33_P3423445	ENST00000327867	ZNF730	zinc finger protein 730	ENST00000327867	-0,830709234
A_24_P377499	NM_015550	OSBPL3	oxysterol binding protein-like 3	ENST00000352860	-0,830908205
A_21_P0006726	ENST00000418372	XLOC_008700		ENST00000418372	-0,831077623
A_23_P204847	NM_002298	LCP1	lymphocyte cytosolic protein 1 (L-plastin)	ENST00000398576	-0,831089712
A_33_P3416563	NM_016108	AIG1	androgen-induced 1	ENST00000344492	-0,831174523
A_33_P3565787	NR_027329	KIAA1908	uncharacterized LOC114796		-0,831652062
A_21_P0010671	NR_038845	LOC643723	uncharacterized LOC643723		-0,831669591
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,832032592
A_23_P104876	NM_017425	SPA17	sperm autoantigenic protein 17	ENST00000524614	-0,832341759
A_32_P180958	NM_016297	PCYOX1	prenylcysteine oxidase 1	ENST00000433351	-0,83250155
A_21_P0005154	TCONS_00012648	XLOC_005589			-0,832682791
A_23_P105562	NM_000552	VWF	von Willebrand factor	ENST00000261405	-0,833366255
A_19_P00319981	ENST00000436710	LOC100506119		ENST00000436710	-0,833973509
A_23_P129717	NM_080663	ERI2	ERI1 exoribonuclease family member 2	ENST00000300005	-0,834066804
A_21_P0000769	NR_038332	LOC100505622	uncharacterized LOC100505622		-0,834182317
A_23_P17053	NM_019618	IL36G	interleukin 36, gamma	ENST00000259205	-0,834515767
A_23_P114466	NM_033284	TBL1Y	transducin (beta)-like 1, Y-linked	ENST00000383032	-0,834795005
A_23_P147025	NM_004794	RAB33A	RAB33A, member RAS oncogene family	ENST00000257017	-0,834995042
A_24_P944991	NM_173829	SREK1IP1	SREK1-interacting protein 1	ENST00000513458	-0,835442378
A_23_P113613	NM_022842	CDCP1	CUB domain containing protein 1	ENST00000296129	-0,835639437
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,835722852
A_23_P139635	NM_001917	DAO	D-amino-acid oxidase	ENST00000549215	-0,835735749

A_21_P0011711	TCONS_I2_0001269:	XLOC_I2_006813				-0,835795549
A_24_P71904	NM_000860	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)	ENST00000296522		-0,836082345
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387		-0,836163806
A_33_P3395081	NM_017888	ACSM5	acyl-CoA synthetase medium-chain family member 5	ENST00000331849		-0,836669578
A_23_P259692	NM_058179	PSAT1	phosphoserine aminotransferase 1	ENST00000376588		-0,837251484
A_32_P4626	XR_108654	LOC100505880	uncharacterized LOC100505880			-0,837797008
A_33_P3211432	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000289473		-0,837915413
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387		-0,838172446
A_23_P140450	NM_003645	SLC27A2	solute carrier family 27 (fatty acid transporter), member 2	ENST00000544960		-0,838252171
A_21_P0009346	TCONS_00025730	XLOC_012551				-0,838630637
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921		-0,839016292
A_33_P3242952	NM_001123168	FAM72A	family with sequence similarity 72, member A	ENST00000369392		-0,839331427
A_23_P145863	NM_005620	S100A11	S100 calcium binding protein A11	ENST00000271638		-0,839464163
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885		-0,839695983
A_23_P112846	NM_001144978	MTHFD2L	methylenetetrahydrofolate dehydrogenase (NADP+ depend	ENST00000492183		-0,839940961
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424		-0,839970883
A_33_P3287907	NR_024398	LOC728723	uncharacterized LOC728723	ENST00000512001		-0,84016585
A_21_P0012521	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000416764		-0,840916014
A_21_P0003901	ENST00000505454	XLOC_004091		ENST00000505454		-0,841031931
A_23_P321388	NM_153341	RNF19B	ring finger protein 19B	ENST00000405457		-0,841867766
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885		-0,842696526
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360		-0,842778652
A_23_P42718	NM_004289	NFE2L3	nuclear factor (erythroid-derived 2)-like 3	ENST00000398175		-0,843119196
A_23_P10647	NM_018659	CYTL1	cytokine-like 1	ENST00000307746		-0,843425847
A_21_P0012101	ENST00000432711	XLOC_I2_008396		ENST00000432711		-0,843443359
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577		-0,843553007
A_21_P0014880	XR_132792	LOC100652751	uncharacterized LOC100652751			-0,843732279
A_32_P60065	NM_004101	F2RL2	coagulation factor II (thrombin) receptor-like 2	ENST00000296641		-0,844326736
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885		-0,844820039

A_33_P3215883	NM_002019	FLT1	fms-related tyrosine kinase 1 (vascular endothelial growth f	ENST00000282397	-0,844853727
A_23_P404162	NM_014707	HDAC9	histone deacetylase 9	ENST00000405010	-0,844962034
A_23_P3177	NM_022054	KCNK13	potassium channel, subfamily K, member 13	ENST00000282146	-0,846019293
A_23_P56734	NM_006895	HNMT	histamine N-methyltransferase	ENST00000485653	-0,846383658
A_23_P132644	NM_020792	NCEH1	neutral cholesterol ester hydrolase 1	ENST00000538775	-0,846701012
A_23_P423482	NM_152450	FAM81A	family with sequence similarity 81, member A	ENST00000288228	-0,846736396
A_24_P348806	NM_175058	PLEKHA7	pleckstrin homology domain containing, family A member 7	ENST00000448080	-0,846922288
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,84695857
A_24_P97405	NM_003965	CCRL2	chemokine (C-C motif) receptor-like 2	ENST00000400880	-0,847616129
A_23_P25706	NM_024734	CLMN	calmin (calponin-like, transmembrane)	ENST00000298912	-0,847755472
A_23_P123853	NM_006274	CCL19	chemokine (C-C motif) ligand 19	ENST00000485502	-0,847899485
A_23_P69383	NM_031458	PARP9	poly (ADP-ribose) polymerase family, member 9	ENST00000452457	-0,847916226
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,848089531
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,8483851
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,849260905
A_33_P3236177	NM_001145	ANG	angiogenin, ribonuclease, RNase A family, 5	ENST00000336811	-0,849622795
A_21_P0008706	TCONS_00023587	XLOC_011401			-0,849664397
A_21_P0010703	ENST00000443284	XLOC_I2_000217		ENST00000443284	-0,850432991
A_23_P94754	NM_005118	TNFSF15	tumor necrosis factor (ligand) superfamily, member 15	ENST00000374044	-0,850489587
A_21_P0010998	THC2636507	XLOC_I2_002469			-0,851179208
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,851229023
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,851729539
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,851952636
A_23_P103617	NM_003568	ANXA9	annexin A9	ENST00000368947	-0,852064241
A_21_P0003036	TCONS_00006248	XLOC_002841			-0,852160078
A_24_P46130	NM_001099	ACPP	acid phosphatase, prostate	ENST00000336375	-0,852544576
A_23_P376488	NM_000594	TNF	tumor necrosis factor	ENST00000376122	-0,852716779
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,852905655
A_24_P416997	NM_145641	APOL3	apolipoprotein L, 3	ENST00000397287	-0,853279728

A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,853882822
A_33_P3212232	NM_001039396	MPEG1	macrophage expressed 1	ENST00000361050	-0,854084458
A_23_P139704	NM_001946	DUSP6	dual specificity phosphatase 6	ENST00000279488	-0,854280349
A_23_P200728	NM_000569	FCGR3A	Fc fragment of IgG, low affinity IIIa, receptor (CD16a)	ENST00000426740	-0,854294151
A_23_P402319	NM_152687	GAPT	GRB2-binding adaptor protein, transmembrane	ENST00000318469	-0,854501664
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,854871104
A_21_P0010888	TCONS_I2_0000364(XLOC_I2_002033				-0,855036482
A_23_P1014	NR_026761	LINC00467	long intergenic non-protein coding RNA 467		-0,855330452
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-0,855520347
A_33_P3310371	NR_027436	LOC283788	FSHD region gene 1 pseudogene	ENST00000418749	-0,855731859
A_33_P3283964	NR_033740	CES1P2	carboxylesterase 1 pseudogene 2		-0,855922644
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,855991419
A_23_P209678	NM_002664	PLEK	pleckstrin	ENST00000234313	-0,856292521
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,856521041
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,856862707
A_33_P3275510	NM_152504	C20orf196	chromosome 20 open reading frame 196	ENST00000303142	-0,857347013
A_23_P96165	NM_024650	C11orf80	chromosome 11 open reading frame 80	ENST00000346672	-0,857470356
A_33_P3412900	NM_001039771	CBLN3	cerebellin 3 precursor	ENST00000267406	-0,857931655
A_23_P207564	NM_002984	CCL4	chemokine (C-C motif) ligand 4	ENST00000250151	-0,858046773
A_23_P19816	NM_030936	RNF32	ring finger protein 32	ENST00000405335	-0,858562693
A_33_P3212804	NM_001010859	C22orf42	chromosome 22 open reading frame 42	ENST00000467813	-0,858852289
A_24_P335620	NM_003486	SLC7A5	solute carrier family 7 (amino acid transporter light chain, L	ENST00000261622	-0,859054738
A_23_P145874	NM_152703	SAMD9L	sterile alpha motif domain containing 9-like	ENST00000411955	-0,859254514
A_33_P3389704	NM_001266	CES1	carboxylesterase 1	ENST00000422046	-0,859509412
A_24_P36890	NM_002885	RAP1GAP	RAP1 GTPase activating protein	ENST00000495204	-0,859986221
A_23_P379475	NM_014762	DHCR24	24-dehydrocholesterol reductase	ENST00000371269	-0,860222823
A_23_P432448	NR_024166	MGC3771	uncharacterized LOC81854		-0,860308366
A_19_P00323025	ENST00000467995	XLOC_002892		ENST00000467995	-0,860767627
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,860798523

A_23_P21976	NM_001897	CSPG4	chondroitin sulfate proteoglycan 4	ENST00000308508	-0,860979541
A_33_P3326210	NM_001017420	ESCO2	establishment of cohesion 1 homolog 2 (<i>S. cerevisiae</i>)	ENST00000397418	-0,862327388
A_21_P0014266	XR_109050	LOC100507417	uncharacterized LOC100507417		-0,863129763
A_19_P00317616	ENST00000428487	Q2I700		ENST00000428487	-0,863955283
A_24_P133162	NM_178122	C1orf201	chromosome 1 open reading frame 201	ENST00000337248	-0,864330105
A_21_P0008156	TCONS_00021991	XLOC_010591			-0,865040931
A_23_P203376	NM_152852	MS4A6A	membrane-spanning 4-domains, subfamily A, member 6A	ENST00000323961	-0,865527781
A_23_P35219	NM_002497	NEK2	NIMA (never in mitosis gene a)-related kinase 2	ENST00000462283	-0,86574391
A_23_P46039	NM_032738	FCRLA	Fc receptor-like A	ENST00000236938	-0,866088361
A_24_P396753	NM_021643	TRIB2	tribbles homolog 2 (<i>Drosophila</i>)	ENST00000155926	-0,866891812
A_23_P257971	NM_001353	AKR1C1	aldo-keto reductase family 1, member C1 (dihydrodiol dehy	ENST00000460124	-0,867449683
A_21_P0007626	THC2748864	XLOC_009880			-0,867543561
A_24_P398323	NM_001003827	TRIM34	tripartite motif containing 34	ENST00000495668	-0,869628108
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,870400073
A_23_P62890	NM_002053	GBP1	guanylate binding protein 1, interferon-inducible	ENST00000370473	-0,870430101
A_23_P62659	NM_000310	PPT1	palmitoyl-protein thioesterase 1	ENST00000433473	-0,870739298
A_23_P32078	NM_022127	SLC28A3	solute carrier family 28 (sodium-coupled nucleoside transp	ENST00000537648	-0,871093834
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,872188408
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-0,872246723
A_23_P17663	NM_002462	MX1	myxovirus (influenza virus) resistance 1, interferon-inducibl	ENST00000455164	-0,872630337
A_21_P0008806	TCONS_00023844	XLOC_011616			-0,873273102
A_23_P205370	NM_016150	ASB2	ankyrin repeat and SOCS box containing 2	ENST00000553883	-0,873611002
A_23_P45304	NM_021083	XK	X-linked Kx blood group (McLeod syndrome)	ENST00000378616	-0,873635197
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,87369347
A_23_P412577	NM_173505	ANKRD29	ankyrin repeat domain 29	ENST00000284207	-0,874033553
A_32_P128258	NR_002804	SIGLECP3	sialic acid binding Ig-like lectin, pseudogene 3		-0,874912248
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,875278636
A_24_P250922	NM_000963	PTGS2	prostaglandin-endoperoxide synthase 2 (prostaglandin G/H	ENST00000490885	-0,875528276
A_24_P91832	NM_012069	ATP1B4	ATPase, Na ⁺ /K ⁺ transporting, beta 4 polypeptide	ENST00000218008	-0,875622711

A_33_P3774867	BC094703	MGC11082	uncharacterized LOC84777		-0,877100794
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,87748717
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,877503763
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,877692033
A_21_P0008555	AK056686	XLOC_011237			-0,878161094
A_21_P0007550	ENST00000546738	XLOC_009733		ENST00000546738	-0,878752106
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-0,878787424
A_21_P0003325	ENST00000514265	XLOC_004072		ENST00000514265	-0,879070156
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,879143271
A_23_P88678	NM_152335	C15orf27	chromosome 15 open reading frame 27	ENST00000484722	-0,879362479
A_33_P3257165	NM_013313	YPEL1	yippee-like 1 (Drosophila)	ENST00000477675	-0,87962848
A_23_P73114	NM_000313	PROS1	protein S (alpha)	ENST00000394236	-0,879749869
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa	ENST00000341049	-0,87994159
A_21_P0002086	ENST00000443123	XLOC_002250		ENST00000443123	-0,880778262
A_21_P0005485	TCONS_00013750	XLOC_006389			-0,880993997
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,881754652
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,882183161
A_33_P3258046	NM_170685	TAC4	tachykinin 4 (hemokinin)	ENST00000334568	-0,882780427
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,882835733
A_23_P94412	NM_025239	PDCD1LG2	programmed cell death 1 ligand 2	ENST00000397747	-0,883405579
A_23_P61487	NM_018205	LRRC20	leucine rich repeat containing 20	ENST00000358141	-0,883621723
A_33_P3343175	NM_001565	CXCL10	chemokine (C-X-C motif) ligand 10	ENST00000306602	-0,88371439
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,88377337
A_21_P0014268	ENST00000525365	LOC100506082		ENST00000525365	-0,884291242
A_21_P0010853	TCONS_I2_0000337	XLOC_I2_001841			-0,88446846
A_33_P3262416	NM_001141972	ATPBD4	ATP binding domain 4	ENST00000440392	-0,885400702
A_23_P42746	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000289473	-0,885505689
A_21_P0000827	NR_038894	LOC100506428	uncharacterized LOC100506428		-0,885876984
A_32_P44394	NM_004833	AIM2	absent in melanoma 2	ENST00000368130	-0,887017249

A_23_P143374	NM_025176	NINL	ninein-like	ENST00000464285	-0,887651951
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,887835302
A_33_P3217819	NM_057749	CCNE2	cyclin E2	ENST00000542725	-0,889289389
A_23_P153562	NM_001736	C5AR1	complement component 5a receptor 1	ENST00000355085	-0,890230725
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,890427016
A_23_P32165	NM_004789	LHX2	LIM homeobox 2	ENST00000373615	-0,89186796
A_33_P3329013	NM_001050	SSTR2	somatostatin receptor 2	ENST00000315332	-0,891895555
A_33_P3390057	NM_014220	TM4SF1	transmembrane 4 L six family member 1	ENST00000383054	-0,893142493
A_33_P3263890	NM_006902	PRRX1	paired related homeobox 1	ENST00000239461	-0,893273431
A_24_P132624	NM_018376	NIPSNAP3B	nipsnap homolog 3B (C. elegans)	ENST00000461177	-0,893554928
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,893678809
A_23_P252740	NM_024094	DSCC1	defective in sister chromatid cohesion 1 homolog (S. cerevisiae)	ENST00000313655	-0,893728658
A_21_P0013306	NM_007270	FKBP9	FK506 binding protein 9, 63 kDa	ENST00000472007	-0,894307425
A_23_P103511	NM_001085375	C1orf226	chromosome 1 open reading frame 226	ENST00000458626	-0,895043404
A_21_P0005592	ENST00000480919	XLOC_006326		ENST00000480919	-0,895660428
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,895728764
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,895835536
A_21_P0013589	XR_108989	LOC100507540	uncharacterized LOC100507540		-0,896799392
A_23_P207201	NM_001039933	CD79B	CD79b molecule, immunoglobulin-associated beta	ENST00000392795	-0,896872999
A_33_P3237135	NM_004530	MMP2	matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase,	ENST00000437642	-0,897549984
A_24_P7121	NM_024677	NSUN7	NOP2/Sun domain family, member 7	ENST00000381782	-0,897854736
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-0,898206805
A_23_P105794	NM_033255	EPSTI1	epithelial stromal interaction 1 (breast)	ENST00000476830	-0,898720328
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,898764564
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,899331963
A_24_P252996	NM_000804	FOLR3	folate receptor 3 (gamma)	ENST00000542161	-0,899450126
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,900054806
A_24_P230563	NM_000417	IL2RA	interleukin 2 receptor, alpha	ENST00000447847	-0,90030676
A_21_P0012671	TCONS_I2_0002119;XLOC_I2_011173				-0,900556932

A_23_P207400	NM_007300	BRCA1	breast cancer 1, early onset	ENST00000412061	-0,90089994
A_23_P121564	NM_000857	GUCY1B3	guanylate cyclase 1, soluble, beta 3	ENST00000264424	-0,901276757
A_21_P0013034	TCONS_I2_0002437(XLOC_I2_012678)				-0,901341629
A_33_P3212615	NM_006287	TFPI	tissue factor pathway inhibitor (lipoprotein-associated coag	ENST00000233156	-0,901487561
A_21_P0001876	ENST00000415138	XLOC_001517		ENST00000415138	-0,901682067
A_23_P200138	NM_020125	SLAMF8	SLAM family member 8	ENST00000289707	-0,901756479
A_24_P239419	NM_001018041	EPM2A	epilepsy, progressive myoclonus type 2A, Lafora disease (la	ENST00000535403	-0,901789228
A_23_P9523	NM_022128	RBKS	ribokinase	ENST00000449378	-0,902343345
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,902759105
A_24_P23625	ENST00000360954	HS3ST3B1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	ENST00000360954	-0,903618788
A_21_P0012778	ENST00000510780	XLOC_I2_011173		ENST00000510780	-0,903677106
A_23_P77918	NM_006041	HS3ST3B1	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	ENST00000360954	-0,904470342
A_23_P69109	NM_021105	PLSCR1	phospholipid scramblase 1	ENST00000448205	-0,904494587
A_23_P30666	NM_014452	TNFRSF21	tumor necrosis factor receptor superfamily, member 21	ENST00000419206	-0,904519253
A_23_P34915	NM_001040619	ATF3	activating transcription factor 3	ENST00000366987	-0,904571587
A_23_P26771	NM_006678	CD300C	CD300c molecule	ENST00000330793	-0,905467646
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,906308672
A_33_P3415032	NM_002232	KCNA3	potassium voltage-gated channel, shaker-related subfamily,	ENST00000369769	-0,9065825
A_33_P3369371	NM_002084	GPX3	glutathione peroxidase 3 (plasma)	ENST00000388825	-0,90746004
A_23_P110184	NM_006745	MSMO1	methylsterol monooxygenase 1	ENST00000393766	-0,908280021
A_23_P218068	NM_019012	PLEKHA5	pleckstrin homology domain containing, family A member 5	ENST00000542828	-0,908312598
A_23_P10182	NM_003500	ACOX2	acyl-CoA oxidase 2, branched chain	ENST00000460921	-0,908521733
A_33_P3283430	NM_025229	SEL1L2	sel-1 suppressor of lin-12-like 2 (C. elegans)	ENST00000423870	-0,908875826
A_24_P68908	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000423298	-0,909118034
A_33_P3388482	NM_001080825	TMEM120B	transmembrane protein 120B	ENST00000342607	-0,909957134
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,910081246
A_23_P78037	NM_006273	CCL7	chemokine (C-C motif) ligand 7	ENST00000394627	-0,911124393
A_21_P0010536	NM_018284	GBP3	guanylate binding protein 3	ENST00000461384	-0,9111735
A_23_P337262	NM_153000	APCDD1	adenomatosis polyposis coli down-regulated 1	ENST00000423585	-0,911742396

A_23_P313828	NM_181716	CENPV	centromere protein V	ENST00000299736	-0,912066257
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,912184598
A_23_P131935	NM_017671	FERMT1	fermitin family member 1	ENST00000217289	-0,912401298
A_24_P185709	NM_012156	EPB41L1	erythrocyte membrane protein band 4.1-like 1	ENST00000344237	-0,91244356
A_33_P3234202	NM_004944	DNASE1L3	deoxyribonuclease I-like 3	ENST00000394549	-0,912916367
A_23_P386478	NM_024873	TNIP3	TNFAIP3 interacting protein 3	ENST00000511909	-0,912957393
A_21_P0008613	THC2662357	XLOC_011213			-0,913187836
A_24_P82466	NM_201433	GAS7	growth arrest-specific 7	ENST00000323816	-0,913967698
A_33_P3282566	NM_017728	TMEM104	transmembrane protein 104	ENST00000335464	-0,91567389
A_33_P3246833	NM_173843	IL1RN	interleukin 1 receptor antagonist	ENST00000259206	-0,91571174
A_23_P119778	NM_020342	SLC39A10	solute carrier family 39 (zinc transporter), member 10	ENST00000409086	-0,915855505
A_23_P37410	NM_031226	CYP19A1	cytochrome P450, family 19, subfamily A, polypeptide 1	ENST00000541721	-0,915905134
A_32_P147078	NM_021097	SLC8A1	solute carrier family 8 (sodium/calcium exchanger), membe	ENST00000542640	-0,916006211
A_21_P0013038	TCONS_I2_0002443:	XLOC_I2_012727			-0,916073968
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-0,916254992
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,917082755
A_32_P231617	NM_014220	TM4SF1	transmembrane 4 L six family member 1	ENST00000383054	-0,917223973
A_23_P16953	NM_000867	HTR2B	5-hydroxytryptamine (serotonin) receptor 2B	ENST00000540289	-0,918405072
A_32_P30649	NM_004454	ETV5	ets variant 5	ENST00000306376	-0,91945111
A_33_P3253394	NM_002287	LAIR1	leukocyte-associated immunoglobulin-like receptor 1		-0,919548796
A_33_P3281191	NM_002508	NID1	nidogen 1	ENST00000366595	-0,919863348
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,920242216
A_24_P13715	NM_147188	FBXO22	F-box protein 22	ENST00000308275	-0,920855241
A_23_P145694	NM_001673	ASNS	asparagine synthetase (glutamine-hydrolyzing)	ENST00000394308	-0,920938134
A_23_P133474	NM_002084	GPX3	glutathione peroxidase 3 (plasma)	ENST00000458211	-0,922147659
A_21_P0001059	ENST00000423842	XLOC_000554		ENST00000423842	-0,922197117
A_33_P3309984	NM_000221	KHK	ketoheksokinase (fructokinase)	ENST00000260599	-0,922958071
A_23_P390518	NM_003839	TNFRSF11A	tumor necrosis factor receptor superfamily, member 11a, N	ENST00000382790	-0,92296843
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,924814271

A_23_P114740	NM_000186	CFH	complement factor H	ENST00000466229	-0,925028614
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,926069452
A_21_P0013613	TCONS_I2_0002916: XLOC_I2_015090				-0,926271236
A_23_P96285	NM_022912	REEP1	receptor accessory protein 1	ENST00000535845	-0,926466095
A_23_P71530	NM_002546	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b	ENST00000521597	-0,92671643
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,927122356
A_24_P115007	NM_170740	ALDH5A1	aldehyde dehydrogenase 5 family, member A1	ENST00000357578	-0,927963292
A_33_P3367301	NM_152219	GJD3	gap junction protein, delta 3, 31.9kDa		-0,928222531
A_23_P33326	NM_000679	ADRA1B	adrenergic, alpha-1B-, receptor		-0,928232931
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,928315955
A_23_P13382	NM_001013254	LSP1	lymphocyte-specific protein 1	ENST00000406638	-0,929329811
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,930150077
A_24_P272451	AK057142	C17orf87	chromosome 17 open reading frame 87		-0,93026071
A_21_P0009754	TCONS_00027265	XLOC_013282			-0,930581638
A_33_P3352098	NM_021201	MS4A7	membrane-spanning 4-domains, subfamily A, member 7	ENST00000358246	-0,930641802
A_24_P12397	NM_018965	TREM2	triggering receptor expressed on myeloid cells 2	ENST00000373122	-0,930688826
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,931359551
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,931853837
A_24_P48204	NM_003004	SECTM1	secreted and transmembrane 1	ENST00000269389	-0,931975947
A_33_P3225512	NM_002535	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000392583	-0,933306885
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,93353504
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,934060668
A_33_P3241204	NM_001129742	CALHM3	calcium homeostasis modulator 3	ENST00000369783	-0,93421427
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,934268961
A_24_P788878	NM_001007595	C2CD4B	C2 calcium-dependent domain containing 4B	ENST00000380392	-0,934877753
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,934993586
A_19_P00322264	ENST00000514050	XLOC_I2_011173		ENST00000514050	-0,935067064
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,935460917
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,936034625

A_33_P3318117	NM_000765	CYP3A7	cytochrome P450, family 3, subfamily A, polypeptide 7	ENST00000292414	-0,936484886
A_33_P3283824	NM_001135147	SLC39A8	solute carrier family 39 (zinc transporter), member 8	ENST00000424970	-0,93674944
A_23_P89431	NM_002982	CCL2	chemokine (C-C motif) ligand 2	ENST00000225831	-0,936801433
A_24_P70183	NM_001040113	MYH11	myosin, heavy chain 11, smooth muscle	ENST00000452625	-0,937123339
A_23_P149529	NM_002353	TACSTD2	tumor-associated calcium signal transducer 2	ENST00000371225	-0,937379465
A_32_P175715	NM_001080836	MEIG1	meiosis expressed gene 1 homolog (mouse)	ENST00000378240	-0,938058492
A_24_P323598	NM_001017420	ESCO2	establishment of cohesion 1 homolog 2 (<i>S. cerevisiae</i>)	ENST00000305188	-0,939477165
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,940084828
A_23_P92909	NM_205841	SPINK6	serine peptidase inhibitor, Kazal type 6	ENST00000325630	-0,940822986
A_23_P203475	NM_145040	PRKCDBP	protein kinase C, delta binding protein	ENST00000303927	-0,940950075
A_23_P318938	NM_153022	C12orf59	chromosome 12 open reading frame 59	ENST00000536952	-0,942352236
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,943122314
A_21_P0002963	TCONS_00006034	XLOC_002675			-0,943251105
A_21_P0013122	BC039678	XLOC_I2_012378			-0,943545248
A_23_P58266	NM_005980	S100P	S100 calcium binding protein P	ENST00000296370	-0,943554181
A_21_P0002658	NR_037631	LOC100288911	uncharacterized LOC100288911		-0,944365992
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,94484297
A_24_P188447	NM_021952	ELAVL4	ELAV (embryonic lethal, abnormal vision, <i>Drosophila</i>)-like 4	ENST00000357083	-0,945598481
A_23_P98763	NM_145309	LRTOMT	leucine rich transmembrane and O-methyltransferase domain	ENST00000538413	-0,94597026
A_23_P156687	NM_001710	CFB	complement factor B	ENST00000546515	-0,946372517
A_23_P118	NM_001439	EXTL2	exostoses (multiple)-like 2	ENST00000370114	-0,947684001
A_19_P00316333	NR_038956	LOC100506714	uncharacterized LOC100506714		-0,948036856
A_21_P0003919	BC095491	FRG1B	FSHD region gene 1 family, member B		-0,948128172
A_24_P96780	NM_016343	CENPF	centromere protein F, 350/400kDa (mitosin)	ENST00000391896	-0,949251032
A_23_P75299	NM_022126	LHPP	phospholysine phosphohistidine inorganic pyrophosphate p	ENST00000368842	-0,949333024
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-0,949465202
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,950490218
A_24_P222997	NM_032143	ZRANB3	zinc finger, RAN-binding domain containing 3	ENST00000283060	-0,950660612
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,950921036

A_33_P3692979	AK093862	LOC283485	uncharacterized LOC283485		-0,952165206
A_33_P3351371	NM_031226	CYP19A1	cytochrome P450, family 19, subfamily A, polypeptide 1	ENST00000405011	-0,952419
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,952541752
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,954172011
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,955754816
A_24_P362193	NM_003874	CD84	CD84 molecule	ENST00000368047	-0,956766405
A_23_P145724	NM_006658	PPP1R17	protein phosphatase 1, regulatory subunit 17	ENST00000342032	-0,957602235
A_23_P171107	NM_033031	CCNB3	cyclin B3	ENST00000376042	-0,957719172
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,957781821
A_23_P347169	NM_001001924	MTUS1	microtubule associated tumor suppressor 1	ENST00000262102	-0,958533458
A_33_P3293202	NM_177965	C8orf37	chromosome 8 open reading frame 37	ENST00000286688	-0,95956571
A_33_P3212109	NM_016356	DCDC2	doublecortin domain containing 2	ENST00000378450	-0,959687786
A_21_P0013309	TCONS_l2_0002659	XLOC_l2_013848			-0,959762448
A_24_P131066	NM_004258	CD101	CD101 molecule	ENST00000369470	-0,959989903
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,961441364
A_32_P86763	NM_004613	TGM2	transglutaminase 2 (C polypeptide, protein-glutamine-gamr	ENST00000361475	-0,96145405
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,961656289
A_33_P3230478	NM_201442	C1S	complement component 1, s subcomponent	ENST00000403949	-0,962081448
A_23_P56559	NM_005771	DHRS9	dehydrogenase/reductase (SDR family) member 9	ENST00000432060	-0,962868639
A_24_P33895	NM_001040619	ATF3	activating transcription factor 3	ENST00000366983	-0,963869243
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,965143999
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,966626207
A_23_P130182	NM_004217	AURKB	aurora kinase B	ENST00000534871	-0,966660498
A_33_P3249589	NM_022893	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000358510	-0,966683043
A_33_P3352467	NM_001050	SSTR2	somatostatin receptor 2	ENST00000357585	-0,966953842
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-0,967804391
A_24_P277657	NM_006877	GMPR	guanosine monophosphate reductase	ENST00000540478	-0,967953696
A_32_P24585	NM_001017995	SH3PXD2B	SH3 and PX domains 2B	ENST00000311601	-0,967987467
A_33_P3313617	NR_003133	GBP1P1	guanylate binding protein 1, interferon-inducible pseudoge	ENST00000513638	-0,970249142

A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,970254847
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,971955185
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,971957819
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,972371454
A_23_P258493	NM_005573	LMNB1	lamin B1	ENST00000460265	-0,972540789
A_33_P3379268	NM_207103	C17orf87	chromosome 17 open reading frame 87	ENST00000399592	-0,972616742
A_21_P0007133	AK056982	XLOC_009372			-0,973056602
A_23_P154849	NM_138983	OLIG1	oligodendrocyte transcription factor 1	ENST00000426947	-0,973256972
A_23_P204158	NM_032814	RNFT2	ring finger protein, transmembrane 2	ENST00000547718	-0,973355248
A_23_P86470	NM_003956	CH25H	cholesterol 25-hydroxylase	ENST00000371852	-0,973397044
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,97404861
A_33_P3226080	NM_207103	C17orf87	chromosome 17 open reading frame 87	ENST00000399600	-0,974479103
A_33_P3407289	NR_027436	LOC283788	FSHD region gene 1 pseudogene	ENST00000418749	-0,974781632
A_24_P234415	NM_003149	STAC	SH3 and cysteine rich domain	ENST00000273183	-0,975177915
A_24_P124624	NM_002543	OLR1	oxidized low density lipoprotein (lectin-like) receptor 1	ENST00000309539	-0,975467192
A_24_P68783	NM_012275	IL36RN	interleukin 36 receptor antagonist	ENST00000393200	-0,976437765
A_24_P79617	NM_014656	KIAA0040	KIAA0040		-0,97649053
A_33_P3237977	NM_197958	LARP6	La ribonucleoprotein domain family, member 6	ENST00000344870	-0,976743306
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,977127724
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,978948583
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,980803142
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,983125608
A_21_P0013512	THC2568453	XLOC_l2_014504			-0,983193651
A_23_P153320	NM_000201	ICAM1	intercellular adhesion molecule 1	ENST00000264832	-0,983219418
A_32_P53524	NM_004822	NTN1	netrin 1	ENST00000173229	-0,985347883
A_33_P3691916	NM_014883	FAM13A	family with sequence similarity 13, member A	ENST00000264344	-0,985583641
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,985590945
A_23_P103486	NM_000775	CYP2J2	cytochrome P450, family 2, subfamily J, polypeptide 2	ENST00000469406	-0,986305343
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-0,986313215

A_23_P24966	NM_171997	USP2	ubiquitin specific peptidase 2	ENST00000525735	-0,987226106
A_32_P72110	NM_006505	PVR	poliovirus receptor	ENST00000344956	-0,98741673
A_33_P3247042	NM_002030	FPR3	formyl peptide receptor 3	ENST00000339223	-0,990225194
A_24_P766716	NM_001142343	CMKLR1	chemokine-like receptor 1	ENST00000312143	-0,990353282
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-0,990618601
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-0,990984985
A_23_P46482	NM_018724	IL20	interleukin 20	ENST00000367096	-0,991590048
A_33_P3282641	NR_033752	LOC344887	NmrA-like family domain containing 1 pseudogene	ENST00000416764	-0,991697321
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,993402051
A_23_P250358	NM_017912	HERC6	hect domain and RLD 6	ENST00000511939	-0,993425531
A_24_P382187	NM_001552	IGFBP4	insulin-like growth factor binding protein 4	ENST00000269593	-0,993808798
A_21_P0009773	TCONS_00027385	XLOC_013370			-0,994196769
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-0,995066676
A_33_P3232692	NM_001185156	IL24	interleukin 24	ENST00000294984	-0,995819558
A_23_P120467	NM_199427	ZFP64	zinc finger protein 64 homolog (mouse)	ENST00000361387	-0,996580024
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-0,996884146
A_33_P3363637	NM_013314	BLNK	B-cell linker	ENST00000393898	-0,997575785
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-0,998423427
A_32_P54553	ENST00000454608	USP41	ubiquitin specific peptidase 41	ENST00000454608	-0,998821939
A_33_P3276713	NM_001010931	HGF	hepatocyte growth factor (hepapoietin A; scatter factor)	ENST00000394769	-0,998915113
A_33_P3398065	NM_001003397	TPD52L1	tumor protein D52-like 1	ENST00000392483	-0,999022192
A_23_P104438	NM_032578	MYPN	myopalladin	ENST00000354393	-1,000173971
A_33_P3295203	NM_001523	HAS1	hyaluronan synthase 1	ENST00000376737	-1,000970432
A_24_P472007	NM_001080421	UNC13A	unc-13 homolog A (C. elegans)	ENST00000252773	-1,001219035
A_21_P0001111	ENST00000440492	XLOC_000755		ENST00000440492	-1,003199468
A_24_P64653	NM_152637	METTL7B	methyltransferase like 7B	ENST00000394252	-1,004363205
A_33_P3385121	AK127678	LOC100129322	uncharacterized LOC100129322		-1,005313687
A_24_P349039	NM_020754	ARHGAP31	Rho GTPase activating protein 31	ENST00000264245	-1,007956607
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-1,008157912

A_24_P309521	NM_000890	KCNJ5	potassium inwardly-rectifying channel, subfamily J, member 5	ENST00000529694	-1,008357305
A_23_P140384	NM_001911	CTSG	cathepsin G	ENST00000216336	-1,008805058
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-1,010945917
A_23_P368067	NM_018833	TAP2	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)	ENST00000374899	-1,013201982
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,014072309
A_21_P0009753	THC2527567	XLOC_013282			-1,014828075
A_23_P154855	NM_000219	KCNE1	potassium voltage-gated channel, Isk-related family, member 1	ENST00000416357	-1,015459421
A_23_P27400	NM_001523	HAS1	hyaluronan synthase 1	ENST00000540069	-1,015985367
A_23_P127186	NM_206862	TACC2	transforming, acidic coiled-coil containing protein 2	ENST00000368997	-1,016381745
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,016716787
A_24_P295877	NM_014704	CEP104	centrosomal protein 104kDa	ENST00000438539	-1,01700818
A_33_P3246580	NM_020340	KIAA1244	KIAA1244	ENST00000367706	-1,017063015
A_21_P0000731	NR_038236	LOC100507632	uncharacterized LOC100507632	ENST00000499425	-1,017288019
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	-1,018343886
A_21_P0001988	ENST00000433724	XLOC_001932		ENST00000433724	-1,018862666
A_21_P0003757	CR740121	XLOC_004049			-1,019386217
A_32_P167471	NM_024734	CLMN	calmin (calponin-like, transmembrane)		-1,019870503
A_23_P110941	NM_001512	GSTA4	glutathione S-transferase alpha 4	ENST00000370960	-1,024661314
A_24_P153568	NM_001039396	MPEG1	macrophage expressed 1	ENST00000361050	-1,024762392
A_23_P46871	NM_018344	SLC29A3	solute carrier family 29 (nucleoside transporters), member 3	ENST00000373189	-1,025879058
A_33_P3416937	ENST00000374624	FAM206A	family with sequence similarity 206, member A	ENST00000374624	-1,025880413
A_23_P35871	NM_024680	E2F8	E2F transcription factor 8	ENST00000396159	-1,026245438
A_33_P3531206	NM_001014442	C1QTNF9B-AS1	C1QTNF9B antisense RNA 1 (non-protein coding)	ENST00000417034	-1,026327041
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-1,027411329
A_23_P83200	NM_152572	AK8	adenylate kinase 8	ENST00000467161	-1,027838314
A_23_P333498	NM_030636	EEPD1	endonuclease/exonuclease/phosphatase family domain containing 1	ENST00000242108	-1,029963435
A_23_P301521	NM_020848	KIAA1462	KIAA1462	ENST00000375377	-1,030349219
A_32_P9543	NM_145699	APOBEC3A	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 3A	ENST00000402255	-1,030566703
A_24_P219114	NM_005065	SEL1L	sel-1 suppressor of lin-12-like (C. elegans)	ENST00000336735	-1,031523484

A_33_P3272291	NM_001818	AKR1C4	aldo-keto reductase family 1, member C4 (chlordecone red	ENST00000397357	-1,0317229
A_33_P3381671	BC016366	LOC731424	uncharacterized LOC731424		-1,03211281
A_23_P64611	NM_176798	P2RY6	pyrimidnergic receptor P2Y, G-protein coupled, 6	ENST00000538328	-1,033355603
A_21_P0004540	TCONS_00010837	XLOC_004644			-1,033744311
A_24_P299685	NM_198389	PDPN	podoplanin	ENST00000487038	-1,03656792
A_21_P0007219	TCONS_00019322	XLOC_009167			-1,036796447
A_23_P110196	NM_016323	HERC5	hect domain and RLD 5	ENST00000502913	-1,037026416
A_24_P323148	NM_182573	LYPD5	LY6/PLAUR domain containing 5	ENST00000377950	-1,037542925
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-1,039362864
A_23_P167599	NM_001034850	FAM134B	family with sequence similarity 134, member B	ENST00000306320	-1,039788196
A_23_P422981	NM_174899	FBXO36	F-box protein 36	ENST00000283946	-1,039893995
A_33_P3224803	NM_000265	NCF1	neutrophil cytosolic factor 1	ENST00000438106	-1,040104425
A_23_P17354	NM_024034	GDAP1L1	ganglioside-induced differentiation-associated protein 1-like	ENST00000438466	-1,040575087
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,041370871
A_21_P0013514	TCONS_I2_0002818	XLOC_I2_014504			-1,042668618
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,042709502
A_33_P3258392	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,042962812
A_33_P3363188	NR_033856	FLJ43315	asparagine synthetase pseudogene		-1,043732972
A_23_P143621	NM_001887	CRYBB1	crystallin, beta B1	ENST00000215939	-1,046275712
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,047253353
A_23_P253692	NM_001079858	GPR64	G protein-coupled receptor 64	ENST00000356606	-1,047255091
A_21_P0008360	TCONS_00022563	XLOC_010881			-1,047373182
A_24_P626850	NM_004285	H6PD	hexose-6-phosphate dehydrogenase (glucose 1-dehydroger	ENST00000377403	-1,048182261
A_33_P3391290	NM_001142483	C5orf13	chromosome 5 open reading frame 13	ENST00000507742	-1,048468536
A_19_P00319917	NR_038956	LOC100506714	uncharacterized LOC100506714		-1,049762779
A_24_P278126	NM_002485	NBN	nibrin	ENST00000396252	-1,050289311
A_32_P160045	NM_152665	TCTEX1D1	Tctex1 domain containing 1	ENST00000282670	-1,051187861
A_23_P12554	NM_016112	PKD2L1	polycystic kidney disease 2-like 1	ENST00000318222	-1,052815456
A_23_P62647	NM_003037	SLAMF1	signaling lymphocytic activation molecule family member 1	ENST00000392208	-1,055416762

A_23_P320113	NM_080725	SRXN1	sulfiredoxin 1	ENST00000427916	-1,056332241
A_33_P3335725	NM_000208	INSR	insulin receptor	ENST00000302850	-1,05637993
A_21_P0005189	XR_108720	LOC100507642	uncharacterized LOC100507642		-1,058245436
A_21_P0009752	TCONS_00027258	XLOC_013282			-1,059347004
A_23_P64828	NM_002534	OAS1	2'-5'-oligoadenylate synthetase 1, 40/46kDa	ENST00000377508	-1,059444965
A_23_P9883	NM_001079821	NLRP3	NLR family, pyrin domain containing 3	ENST00000336119	-1,060074073
A_24_P363548	NM_005338	HIP1	huntingtin interacting protein 1	ENST00000336926	-1,063678109
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-1,064327787
A_23_P300033	NM_006206	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	ENST00000257290	-1,064368999
A_21_P0013590	XR_108989	LOC100507540	uncharacterized LOC100507540		-1,065016846
A_23_P302672	BC013592	DDIT4L	DNA-damage-inducible transcript 4-like		-1,067217862
A_32_P206839	NR_037631	LOC100288911	uncharacterized LOC100288911		-1,068522283
A_33_P3376965	NM_024111	CHAC1	ChaC, cation transport regulator homolog 1 (E. coli)	ENST00000487220	-1,069254353
A_21_P0000607	NR_033839	FLJ39051	uncharacterized LOC399972		-1,069591126
A_23_P18684	NM_004362	CLGN	calmegin	ENST00000545667	-1,070596359
A_33_P3350508	NM_001080432	FTO	fat mass and obesity associated	ENST00000460382	-1,071817452
A_33_P3413558	NM_006566	CD226	CD226 molecule	ENST00000280200	-1,075019354
A_21_P0010537	TCONS_I2_0000039(XLOC_I2_000297				-1,075526389
A_33_P3319925	ENST00000449753	IRG1	immunoresponsive 1 homolog (mouse)	ENST00000449753	-1,079124246
A_21_P0007119	NR_033847	FLJ37035	uncharacterized LOC399821	ENST00000527483	-1,0797259
A_23_P112554	NM_001855	COL15A1	collagen, type XV, alpha 1	ENST00000375001	-1,080966252
A_24_P152968	NM_001353	AKR1C1	aldo-keto reductase family 1, member C1 (dihydrodiol dehy	ENST00000434459	-1,081388921
A_21_P0012418	TCONS_I2_0001904(XLOC_I2_010029				-1,082815629
A_23_P125680	NM_017938	FAM70A	family with sequence similarity 70, member A	ENST00000440464	-1,084773257
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,084854129
A_23_P118834	NM_001067	TOP2A	topoisomerase (DNA) II alpha 170kDa	ENST00000269577	-1,086080744
A_24_P107317	NM_004205	USP2	ubiquitin specific peptidase 2	ENST00000260187	-1,086391589
A_23_P99452	NM_000059	BRCA2	breast cancer 2, early onset	ENST00000380152	-1,088347093
A_24_P270829	NM_000173	GP1BA	glycoprotein Ib (platelet), alpha polypeptide	ENST00000438881	-1,08991797

A_23_P55998	NM_005628	SLC1A5	solute carrier family 1 (neutral amino acid transporter), member 5	ENST00000306894	-1,091129178
A_23_P51085	NM_020675	SPC25	SPC25, NDC80 kinetochore complex component, homolog (1)	ENST00000282074	-1,092264138
A_33_P3372099	NM_145244	DDIT4L	DNA-damage-inducible transcript 4-like	ENST00000273990	-1,093623517
A_23_P73837	NM_138636	TLR8	toll-like receptor 8	ENST00000218032	-1,09607511
A_24_P411749	NM_020455	GPR126	G protein-coupled receptor 126	ENST00000367609	-1,097408969
A_21_P0013475	TCONS_I2_0002773	XLOC_I2_014191			-1,09813737
A_24_P235266	NM_001001555	GRB10	growth factor receptor-bound protein 10	ENST00000403097	-1,099250473
A_23_P150903	NM_018099	FAR2	fatty acyl CoA reductase 2	ENST00000182377	-1,102297693
A_21_P0014938	XR_133412	LOC100505813	uncharacterized LOC100505813		-1,105383662
A_33_P3418170	NM_014314	DDX58	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58	ENST00000379882	-1,10819875
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-1,108208397
A_32_P96000	NM_001004341	ETV3L	ets variant 3-like	ENST00000454449	-1,108473641
A_23_P85240	NM_016562	TLR7	toll-like receptor 7	ENST00000380659	-1,108877469
A_33_P3284508	NM_001174104	CD14	CD14 molecule	ENST00000302014	-1,113502848
A_33_P3340769	NM_003816	ADAM9	ADAM metallopeptidase domain 9		-1,114864609
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-1,115118677
A_21_P0010773	NR_033856	FLJ43315	asparagine synthetase pseudogene	ENST00000416367	-1,118123907
A_33_P3258346	NM_017523	XAF1	XIAP associated factor 1	ENST00000361842	-1,120002719
A_21_P0008673	TCONS_00023505	XLOC_011350			-1,121183016
A_21_P0013808	THC2666070	XLOC_I2_015673			-1,121372827
A_23_P360754	NM_005099	ADAMTS4	ADAM metallopeptidase with thrombospondin type 1 motif 4	ENST00000367996	-1,122998808
A_32_P151800	NM_207418	FAM72D	family with sequence similarity 72, member D	ENST00000341209	-1,123405647
A_33_P3235546	NM_014747	RIMS3	regulating synaptic membrane exocytosis 3	ENST00000372683	-1,123915661
A_24_P557479	NM_017523	XAF1	XIAP associated factor 1	ENST00000361842	-1,124653487
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,125308882
A_21_P0009165	ENST00000444464	XLOC_012170		ENST00000444464	-1,12679434
A_23_P210690	NM_021158	TRIB3	tribbles homolog 3 (Drosophila)	ENST00000217233	-1,128520179
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,130692561
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,132294047

A_33_P3376947	ENST00000537276	ABCB9	ATP-binding cassette, sub-family B (MDR/TAP), member 9	ENST00000537276	-1,134766557
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,138026746
A_33_P3326387	NM_173463	CCDC149	coiled-coil domain containing 149	ENST00000382116	-1,138515451
A_23_P37892	NM_133443	GPT2	glutamic pyruvate transaminase (alanine aminotransferase)	ENST00000440783	-1,140055703
A_33_P3399090	NM_001037954	DIXDC1	DIX domain containing 1	ENST00000440460	-1,141493355
A_33_P3291484	NM_005668	ST8SIA4	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4		-1,14165771
A_32_P71571	NM_182522	FAM19A4	family with sequence similarity 19 (chemokine (C-C motif)-li	ENST00000295569	-1,142435705
A_23_P425304	NM_016169	SUFU	suppressor of fused homolog (Drosophila)	ENST00000369902	-1,143569943
A_21_P0014592	XR_110434	LOC100507575	uncharacterized LOC100507575		-1,144609316
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,14483812
A_32_P526255	NM_001145717	PNPLA1	patatin-like phospholipase domain containing 1	ENST00000457797	-1,148077545
A_24_P276576	NM_032738	FCRLA	Fc receptor-like A	ENST00000367950	-1,148464503
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,152751308
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,155586283
A_24_P112941	NM_032808	LINGO1	leucine rich repeat and Ig domain containing 1	ENST00000355300	-1,155801103
A_33_P3413989	NM_000062	SERPING1	serpin peptidase inhibitor, clade G (C1 inhibitor), member 1	ENST00000405496	-1,158986711
A_23_P337934	NM_017556	FBLIM1	filamin binding LIM protein 1	ENST00000400773	-1,159047628
A_33_P3567892	AL050263	DKFZP547J0410	DKFZP547J0410 protein		-1,159249742
A_21_P0014351	ENST00000451140	LOC100506325		ENST00000451140	-1,160006667
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,160695238
A_24_P225616	NM_001034	RRM2	ribonucleotide reductase M2	ENST00000304567	-1,167942606
A_33_P3401826	NM_207315	CMPK2	cytidine monophosphate (UMP-CMP) kinase 2, mitochondri	ENST00000478738	-1,168995498
A_33_P3220470	NM_005585	SMAD6	SMAD family member 6	ENST00000338426	-1,170596341
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,17275947
A_23_P52266	NM_001548	IFIT1	interferon-induced protein with tetratricopeptide repeats 1	ENST00000546318	-1,178951771
A_33_P3415097	NM_001830	CLCN4	chloride channel 4	ENST00000380833	-1,179023151
A_24_P787897	NM_022166	XYLT1	xylosyltransferase I		-1,180801743
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,181715059
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-1,182814135

A_23_P94338	NM_006209	ENPP2	ectonucleotide pyrophosphatase/phosphodiesterase 2	ENST00000522826	-1,184174141
A_23_P206359	NM_004360	CDH1	cadherin 1, type 1, E-cadherin (epithelial)	ENST00000261769	-1,187836783
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,188544821
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,189730096
A_23_P49448	NM_024306	FA2H	fatty acid 2-hydroxylase	ENST00000219368	-1,190112976
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-1,190963861
A_33_P3281695	NM_001243133	NLRP3	NLR family, pyrin domain containing 3	ENST00000391827	-1,193608605
A_24_P105391	NM_001017922	ERMAP	erythroblast membrane-associated protein (Scianna blood §	ENST00000372517	-1,194121776
A_33_P3284933	NM_145659	IL27	interleukin 27	ENST00000356897	-1,194482507
A_33_P3293446	NM_020848	KIAA1462	KIAA1462	ENST00000375377	-1,195597255
A_24_P322354	NM_001039535	SKA1	spindle and kinetochore associated complex subunit 1	ENST00000398452	-1,198756102
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,19982118
A_24_P49199	NM_181789	GLDN	gliomedin	ENST00000396399	-1,200198062
A_23_P105465	NM_004072	CMKLR1	chemokine-like receptor 1	ENST00000550402	-1,200591721
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,201407437
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,203917196
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-1,204686377
A_33_P3239282	NM_004974	KCNA2	potassium voltage-gated channel, shaker-related subfamily,	ENST00000316361	-1,205483428
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,205734242
A_33_P3406816	XM_001127163	LOC728316	uncharacterized LOC728316		-1,206276187
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,208490549
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,208807126
A_33_P3276918	NM_001195228	FAM64A	family with sequence similarity 64, member A	ENST00000250056	-1,208871529
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,211806113
A_21_P0006605	TCONS_00017645	XLOC_008317			-1,212031679
A_33_P3479449	AK055877	LOC100506328	uncharacterized LOC100506328		-1,212277257
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,213852142
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,214987978
A_33_P3324004	NM_032965	CCL15	chemokine (C-C motif) ligand 15	ENST00000354059	-1,215536116

A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,217842261
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,218398608
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,220344313
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,222094112
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,222741857
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,222822595
A_23_P112026	NM_002164	IDO1	indoleamine 2,3-dioxygenase 1	ENST00000523779	-1,223839142
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,223934454
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,224521205
A_33_P3385266	NM_001079528	ABCC6	ATP-binding cassette, sub-family C (CFTR/MRP), member 6		-1,227473739
A_33_P3421728	NM_001346	DGKG	diacylglycerol kinase, gamma 90kDa	ENST00000265022	-1,228260675
A_24_P305570	NM_018993	RIN2	Ras and Rab interactor 2	ENST00000255006	-1,232723803
A_33_P3281283	NM_005226	S1PR3	sphingosine-1-phosphate receptor 3	ENST00000375846	-1,233277942
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6	ENST00000315022	-1,234202296
A_24_P942321	NM_018027	FRMD4A	FERM domain containing 4A	ENST00000357447	-1,234568302
A_24_P411186	NM_022893	BCL11A	B-cell CLL/lymphoma 11A (zinc finger protein)	ENST00000335712	-1,235870696
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,243237197
A_21_P0009825	ENST00000449270	XLOC_013457		ENST00000449270	-1,244343347
A_33_P3321697	NM_022140	EPB41L4A	erythrocyte membrane protein band 4.1 like 4A	ENST00000261486	-1,246432276
A_23_P164773	NM_002002	FCER2	Fc fragment of IgE, low affinity II, receptor for (CD23)	ENST00000346664	-1,249616438
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,251690763
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-1,256060285
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-1,256793629
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,257166553
A_21_P0011933	NR_037597	LOC442028	uncharacterized LOC442028		-1,260447754
A_32_P59010	NM_207381	TNFAIP8L3	tumor necrosis factor, alpha-induced protein 8-like 3	ENST00000327536	-1,266759301
A_23_P17481	NM_023068	SIGLEC1	sialic acid binding Ig-like lectin 1, sialoadhesin	ENST00000202578	-1,267517548
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,267711363
A_23_P55649	NM_001462	FPR2	formyl peptide receptor 2	ENST00000340023	-1,268678488

A_24_P188800	NM_017923	Mar-01	membrane-associated ring finger (C3HC4) 1	ENST00000339875	-1,270376717
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,276294418
A_32_P108254	NM_017565	FAM20A	family with sequence similarity 20, member A	ENST00000375556	-1,279080897
A_33_P3402489	NM_006187	OAS3	2'-5'-oligoadenylate synthetase 3, 100kDa	ENST00000228928	-1,27952599
A_23_P6263	NM_002463	MX2	myxovirus (influenza virus) resistance 2 (mouse)	ENST00000330714	-1,282246914
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,28298167
A_23_P139786	NM_003733	OASL	2'-5'-oligoadenylate synthetase-like	ENST00000257570	-1,283655009
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,283722123
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,288526991
A_33_P3408152	NM_021076	NEFH	neurofilament, heavy polypeptide	ENST00000328842	-1,289029139
A_33_P3288159	NM_018136	ASPM	asp (abnormal spindle) homolog, microcephaly associated (	ENST00000294732	-1,293050313
A_33_P3334908	NM_145177	DHRXS	dehydrogenase/reductase (SDR family) X-linked	ENST00000334651	-1,293411749
A_19_P00808588	NR_003133	GBP1P1		ENST00000513638	-1,294961913
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,295625215
A_33_P3705884	AK094188	LOC148189	uncharacterized LOC148189		-1,29642001
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,300209852
A_23_P407096	NM_152625	ZNF366	zinc finger protein 366	ENST00000318442	-1,300853087
A_23_P132159	NM_017414	USP18	ubiquitin specific peptidase 18	ENST00000215794	-1,301224837
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-1,30375373
A_23_P119835	NM_021209	NLRC4	NLR family, CARD domain containing 4	ENST00000404025	-1,305173711
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,30585507
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-1,3068146
A_23_P214821	NM_001955	EDN1	endothelin 1	ENST00000379375	-1,312058726
A_21_P0000695	NR_037867	LOC731424	uncharacterized LOC731424		-1,313382098
A_21_P0001225	ENST00000433576	XLOC_001214		ENST00000433576	-1,316995936
A_24_P362540	NM_003887	ASAP2	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2	ENST00000484590	-1,317119492
A_23_P391443	NM_020700	PPM1H	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1H	ENST00000228705	-1,318040074
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,32108092
A_33_P3380383	NM_001099221	TIFAB	TRAF-interacting protein with forkhead-associated domain,	ENST00000537858	-1,329705625

A_23_P358917	NM_000765	CYP3A7	cytochrome P450, family 3, subfamily A, polypeptide 7	ENST00000336374	-1,332286973
A_23_P161698	NM_002422	MMP3	matrix metalloproteinase 3 (stromelysin 1, progelatinase)	ENST00000299855	-1,334056386
A_23_P12363	NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENST00000545203	-1,334129442
A_33_P3228460	NM_001136007	FXYD3	FXYD domain containing ion transport regulator 3	ENST00000535103	-1,338352893
A_24_P592012	NM_025224	ZBTB46	zinc finger and BTB domain containing 46	ENST00000245663	-1,339688399
A_23_P11201	NM_001097579	GPR34	G protein-coupled receptor 34	ENST00000535368	-1,344762349
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-1,346157916
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,347946842
A_33_P3407013	ENST00000420258	IL6	interleukin 6 (interferon, beta 2)	ENST00000420258	-1,348821276
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,350158051
A_23_P71037	NM_000600	IL6	interleukin 6 (interferon, beta 2)	ENST00000485300	-1,352431672
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,353323012
A_21_P0013592	TCONS_I2_0002883	XLOC_I2_014850			-1,354745637
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,356558168
A_23_P155351	NM_000060	BTD	biotinidase	ENST00000383778	-1,359133361
A_24_P304071	NM_001547	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	ENST00000371826	-1,360719864
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,36206358
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,363296501
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-1,365661473
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,367133571
A_23_P82868	NM_000930	PLAT	plasminogen activator, tissue	ENST00000352041	-1,367547741
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,368879255
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,371320641
A_23_P67042	NM_017947	MOCOS	molybdenum cofactor sulfurase	ENST00000261326	-1,377086495
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,391631735
A_23_P256956	NM_005733	KIF20A	kinesin family member 20A	ENST00000502338	-1,392001056
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,392104651
A_33_P3588134	NM_052839	PANX2	pannexin 2	ENST00000401643	-1,397032288
A_23_P79518	NM_000576	IL1B	interleukin 1, beta	ENST00000263341	-1,403808016

A_33_P3880302	NM_004442	EPHB2	EPH receptor B2	ENST00000374632	-1,406246142
A_23_P150316	NM_002426	MMP12	matrix metalloproteinase 12 (macrophage elastase)		-1,419764898
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,427439447
A_23_P257815	NM_005582	CD180	CD180 molecule	ENST00000256447	-1,433098087
A_21_P0010626	NM_058179	PSAT1	phosphoserine aminotransferase 1	ENST00000421149	-1,434836078
A_23_P125278	NM_005409	CXCL11	chemokine (C-X-C motif) ligand 11	ENST00000306621	-1,437455614
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,441220526
A_23_P204087	NM_016817	OAS2	2'-5'-oligoadenylate synthetase 2, 69/71kDa	ENST00000392583	-1,446186116
A_33_P3283611	NM_001549	IFIT3	interferon-induced protein with tetratricopeptide repeats 3	ENST00000543062	-1,453472581
A_32_P101031	NM_144586	LYPD1	LY6/PLAUR domain containing 1	ENST00000397463	-1,45510369
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,458967256
A_23_P24004	NM_001547	IFIT2	interferon-induced protein with tetratricopeptide repeats 2	ENST00000371826	-1,459550984
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,465645957
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,474089202
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,474695197
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,484078329
A_33_P3364488	NM_001170631	FCAMR	Fc receptor, IgA, IgM, high affinity	ENST00000450945	-1,48529403
A_23_P49759	NM_002981	CCL1	chemokine (C-C motif) ligand 1	ENST00000225842	-1,491867246
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,493364399
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,50046104
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,502116328
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,502760905
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,504576332
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,508283166
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,510807613
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,512688553
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,520428097
A_33_P3226810	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,52725335
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,530526644

A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,544386944
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,550199525
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,55095152
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,552069285
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,561434807
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,566934149
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,575407986
A_19_P00812190	THC2520127	Q5D1D6			-1,591650835
A_23_P72096	NM_000575	IL1A	interleukin 1, alpha	ENST00000263339	-1,61017269
A_23_P35092	NM_153758	IL19	interleukin 19	ENST00000270218	-1,610886181
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934	-1,611875697
A_23_P8801	NM_000777	CYP3A5	cytochrome P450, family 3, subfamily A, polypeptide 5	ENST00000339843	-1,618466494
A_24_P28722	NM_080657	RSAD2	radical S-adenosyl methionine domain containing 2	ENST00000382040	-1,620257617
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,633668647
A_23_P7560	NM_002187	IL12B	interleukin 12B (natural killer cell stimulatory factor 2, cytotoxic T lymphocyte-inducing protein beta 1)	ENST00000231228	-1,636643105
A_23_P121253	NM_003810	TNFSF10	tumor necrosis factor (ligand) superfamily, member 10	ENST00000241261	-1,653517154
A_23_P45871	NM_006820	IFI44L	interferon-induced protein 44-like	ENST00000476521	-1,69201947
A_33_P3341499	NM_003392	WNT5A	wingless-type MMTV integration site family, member 5A	ENST00000264634	-1,848189481
A_23_P207456	NM_005623	CCL8	chemokine (C-C motif) ligand 8	ENST00000225840	-1,865228947

Comparison of gene expression profiling between ANK-infected macrophages

ProbeName	SystematicName	GeneSymbol	GeneName	EnsemblID	ANK vs MØ_logFC
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	1,401771162
A_23_P80974	NM_005651	TDO2	tryptophan 2,3-dioxygenase	ENST00000510293	1,290613125
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	1,168807579
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	1,165732015
A_23_P31725	NM_001715	BLK	B lymphoid tyrosine kinase	ENST00000427279	1,131552367
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	1,069933298
A_23_P159335	NM_004931	CD8B	CD8b molecule	ENST00000390655	0,968895894
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,967250263
A_23_P44155	NM_198196	CD96	CD96 molecule	ENST00000283285	0,937653114
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,931876901
A_33_P3250680	NM_000074	CD40LG	CD40 ligand	ENST00000370629	0,923608007
A_23_P354151	NM_005546	ITK	IL2-inducible T-cell kinase	ENST00000519402	0,877838834
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,876449127
A_23_P340019	NM_178844	NLRC3	NLR family, CARD domain containing 3	ENST00000419350	0,868681773
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,858485306
A_23_P171074	NM_004867	ITM2A	integral membrane protein 2A	ENST00000469541	0,852043445
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,844780324
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,843352947
A_24_P20630	NM_016269	LEF1	lymphoid enhancer-binding factor 1	ENST00000503879	0,8421521
A_23_P351148	NM_053282	SH2D1B	SH2 domain containing 1B	ENST00000359567	0,835845827
A_21_P0010761	BC035370	XLOC_I2_000941			0,829182842
A_24_P272761	NM_020946	DENND1A	DENN/MADD domain containing 1A	ENST00000373624	0,819527823
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,818385708
A_23_P364324	NM_152701	ABCA13	ATP-binding cassette, sub-family A (ABC1), member 13	ENST00000435803	0,816440221
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,806825331
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,802897006

A_33_P3323842	NR_002832	BDNF-AS1	BDNF antisense RNA 1 (non-protein coding)		0,802155735
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,796533534
A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,796047873
A_33_P3381796	XR_108716	LOC393078	uncharacterized LOC393078		0,794481008
A_21_P0003240	TCONS_00006120	XLOC_002725			0,794399724
A_21_P0003594	TCONS_00008035	XLOC_003498			0,791712446
A_21_P0006224	TCONS_00016151	XLOC_007557			0,789821492
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,789465928
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,789456177
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	0,788109983
A_23_P1102	NM_001100	ACTA1	actin, alpha 1, skeletal muscle	ENST00000366682	0,780728146
A_33_P3298120	NM_001037558	HEPN1	hepatocellular carcinoma, down-regulated 1	ENST00000408930	0,77420661
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,769184164
A_23_P21057	NM_052838	Sep-01	septin 1	ENST00000321367	0,766121287
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,761285724
A_21_P0002602	TCONS_00004841	XLOC_001564			0,759493991
A_33_P3306159	NM_001080495	TNRC18	trinucleotide repeat containing 18	ENST00000430969	0,759161539
A_23_P103310	NM_002963	S100A7	S100 calcium binding protein A7	ENST00000368723	0,758122344
A_23_P209954	NM_006433	GNLY	granulysin	ENST00000489980	0,753630654
A_23_P6293	NM_018961	UBASH3A	ubiquitin associated and SH3 domain containing A	ENST00000473381	0,749738537
A_33_P3275495	XR_108366	LOC400743	uncharacterized LOC400743		0,748814604
A_33_P3379039	NM_001178126	IGLL5	immunoglobulin lambda-like polypeptide 5	ENST00000390321	0,747516279
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,741654343
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,741177762
A_21_P0003922	ENST00000510067	XLOC_004286		ENST00000510067	0,739984216
A_23_P140725	NM_014714	IFT140	intraflagellar transport 140 homolog (Chlamydomonas)	ENST00000426508	0,733038122
A_21_P0013122	BC039678	XLOC_l2_012378			0,72661933
A_19_P00320841	NM_001113434	C17orf51	chromosome 17 open reading frame 51	ENST00000391411	0,726197803
A_23_P363778	NM_001463	FRZB	frizzled-related protein	ENST00000295113	0,723970621

A_33_P3504002	NR_033893	LOC286186	uncharacterized LOC286186	ENST00000520902	0,722167173
A_33_P3406567	NM_152866	MS4A1	membrane-spanning 4-domains, subfamily A, member 1	ENST00000389939	0,722114976
A_23_P88909	NM_004209	SYNGR3	synaptogyrin 3	ENST00000320633	0,721008368
A_33_P3535649	NM_032296	FLYWCH1	FLYWCH-type zinc finger 1	ENST00000399667	0,718973743
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,718148238
A_32_P214665	NM_001102566	PCP4L1	Purkinje cell protein 4 like 1	ENST00000504449	0,717202681
A_21_P0010162	ENST00000457157	XLOC_013929		ENST00000457157	0,716252448
A_21_P0014466	XR_109952	LOC100507307	uncharacterized LOC100507307		0,714636228
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,714003555
A_23_P167882	NM_052872	IL17F	interleukin 17F	ENST00000478427	0,713141265
A_24_P97374	NM_005442	EOMES	eomesodermin	ENST00000535713	0,711822833
A_33_P3234546	NM_004931	CD8B	CD8b molecule	ENST00000390655	0,710169539
A_33_P3351745	NM_024070	PVRIG	poliovirus receptor related immunoglobulin domain contain	ENST00000451963	0,709700696
A_23_P20697	NM_014694	ADAMTSL2	ADAMTS-like 2	ENST00000393060	0,708909795
A_24_P11315	NM_020190	OLFML3	olfactomedin-like 3	ENST00000393300	0,708402604
A_21_P0004418	TCONS_00010392	XLOC_004908			0,707975225
A_33_P3217649	NM_001048265	C9orf116	chromosome 9 open reading frame 116	ENST00000371786	0,707935474
A_33_P3313528	XM_003403468	LOC100652851	uncharacterized LOC100652851		0,705915377
A_21_P0014919	NR_024560	LOC100130148	uncharacterized LOC100130148		0,705411984
A_33_P3232965	NM_001010870	TDRD6	tudor domain containing 6	ENST00000316081	0,703444603
A_23_P13294	NM_001004459	OR1S2	olfactory receptor, family 1, subfamily S, member 2	ENST00000302592	0,702736969
A_21_P0002199	ENST00000433893	XLOC_001428		ENST00000433893	0,70243783
A_21_P0005209	ENST00000436915	XLOC_005979		ENST00000436915	0,698763497
A_33_P3210418	NM_152351	SLC5A10	solute carrier family 5 (sodium/glucose cotransporter), member 10	ENST00000395643	0,697751292
A_19_P00322936	AK055081	XLOC_010376			0,695888419
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	0,695292161
A_24_P83586	NM_015506	MMACHC	methylmalonic aciduria (cobalamin deficiency) cblC type, w	ENST00000401061	0,695288617
A_24_P45476	NM_002995	XCL1	chemokine (C motif) ligand 1	ENST00000367818	0,694094848
A_33_P3333900	AK096041	LOC100129572	uncharacterized LOC100129572		0,69336444

A_23_P10025	NM_006159	NELL2	NEL-like 2 (chicken)	ENST00000437801	0,693307737
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,691129867
A_21_P0006570	TCONS_00017455	XLOC_008050			0,690283217
A_21_P0013836	BX111592	XLOC_I2_015849			0,686877526
A_33_P3354001	NM_001167940	CADPS2	Ca ⁺⁺ -dependent secretion activator 2	ENST00000420900	0,685996853
A_24_P41801	NM_005577	LPA	lipoprotein, Lp(a)	ENST00000447678	0,68460047
A_33_P3290089	XR_109536	LOC100505585	uncharacterized LOC100505585		0,684596259
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	0,684353875
A_23_P103877	NM_001010847	LRRC38	leucine rich repeat containing 38	ENST00000376085	0,683050602
A_33_P3298990	NM_014207	CD5	CD5 molecule	ENST00000347785	0,681824052
A_32_P158966	NM_016523	KLRF1	killer cell lectin-like receptor subfamily F, member 1	ENST00000535631	0,68032089
A_33_P3391496	ENST00000404867	SLIT3	slit homolog 3 (Drosophila)	ENST00000404867	0,680145115
A_23_P122144	NM_152404	UGT3A1	UDP glycosyltransferase 3 family, polypeptide A1	ENST00000515801	0,67986557
A_23_P103310	NM_002963	S100A7	S100 calcium binding protein A7	ENST00000368723	0,678576312
A_33_P3660204	NR_037895	LOC340073	uncharacterized LOC340073	ENST00000505663	0,678284813
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,675726878
A_19_P00317974	ENST00000456795	XLOC_005342		ENST00000456795	0,674686921
A_23_P151046	NM_002259	KLRC1	killer cell lectin-like receptor subfamily C, member 1	ENST00000544822	0,674511692
A_23_P94338	NM_006209	ENPP2	ectonucleotide pyrophosphatase/phosphodiesterase 2	ENST00000522826	0,674101731
A_33_P3226177	NM_001037332	CYFIP2	cytoplasmic FMR1 interacting protein 2	ENST00000442283	0,673775548
A_23_P434289	NM_080865	GPR62	G protein-coupled receptor 62	ENST00000322241	0,673294064
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,670624858
A_21_P0011884	ENST00000430980	LOC728763	rootletin-like	ENST00000430980	0,668954132
A_32_P46238	NR_001443	LOC339240	keratin 17 pseudogene	ENST00000445433	0,66772454
A_33_P3391796	NM_005450	NOG	noggin	ENST00000332822	0,667243912
A_33_P3407256	NM_001166260	TRIP13	thyroid hormone receptor interactor 13	ENST00000512024	0,666632741
A_21_P0010759	ENST00000458145	XLOC_I2_000920		ENST00000458145	0,666369796
A_23_P118254	NM_001451	FOXF1	forkhead box F1	ENST00000262426	0,664549106
A_33_P3386562	NM_032785	AGBL4	ATP/GTP binding protein-like 4	ENST00000371838	0,663100535

A_23_P213857	NM_000587	C7	complement component 7	ENST00000313164	0,662116741
A_33_P3413821	AK090554	KIRREL	kin of IRRE like (Drosophila)	ENST00000368172	0,662079943
A_23_P128855	NM_014579	SLC39A2	solute carrier family 39 (zinc transporter), member 2	ENST00000298681	0,661274337
A_24_P932416	NM_001123228	TMEM14E	transmembrane protein 14E	ENST00000408960	0,661233647
A_24_P261760	NM_005810	KLRG1	killer cell lectin-like receptor subfamily G, member 1	ENST00000356986	0,660838723
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	0,659743066
A_21_P0002667	TCONS_00005192	XLOC_002192			0,658490527
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	0,658455326
A_21_P0014208	ENST00000518238	MATN2	matrilin 2	ENST00000518238	0,657393825
A_33_P3282374	ENST00000535064	TIAM2	T-cell lymphoma invasion and metastasis 2	ENST00000535064	0,655933632
A_33_P3503408	BC044606	LOC221946	uncharacterized LOC221946		0,654368446
A_33_P3235213	NM_173799	TIGIT	T cell immunoreceptor with Ig and ITIM domains	ENST00000485814	0,651978583
A_24_P211565	NM_031910	C1QTNF6	C1q and tumor necrosis factor related protein 6	ENST00000493023	0,647715884
A_23_P1331	NM_080801	COL13A1	collagen, type XIII, alpha 1	ENST00000478219	0,647563573
A_23_P311875	NM_006725	CD6	CD6 molecule	ENST00000344931	0,646768874
A_24_P323148	NM_182573	LYPD5	LY6/PLAUR domain containing 5	ENST00000377950	0,644685171
A_23_P161076	NM_001767	CD2	CD2 molecule	ENST00000369478	0,644291744
A_21_P0008380	ENST00000555032	XLOC_010918		ENST00000555032	0,643931712
A_23_P105691	NM_018654	GPRC5D	G protein-coupled receptor, family C, group 5, member D	ENST00000396333	0,643681332
A_21_P0006882	TCONS_00018246	XLOC_008522			0,643173439
A_23_P153372	NM_032855	HSH2D	hematopoietic SH2 domain containing	ENST00000253680	0,641433091
A_23_P88691	NM_000745	CHRNA5	cholinergic receptor, nicotinic, alpha 5	ENST00000299565	0,641115011
A_23_P130815	NM_012312	KIR2DS2	killer cell immunoglobulin-like receptor, two domains, short	ENST00000339924	0,640654503
A_33_P3312743	NM_033187	KRTAP4-3	keratin associated protein 4-3	ENST00000391356	0,640650582
A_33_P3319860	NR_036467	IFFO1	intermediate filament family orphan 1	ENST00000487279	0,640318327
A_23_P117851	NM_001030005	CPLX3	complexin 3	ENST00000488000	0,639670285
A_23_P208334	NM_006202	PDE4A	phosphodiesterase 4A, cAMP-specific	ENST00000419866	0,639098232
A_32_P84369	NM_001079529	FAM153B	family with sequence similarity 153, member B	ENST00000502475	0,638740112
A_24_P279489	NM_001128159	VPS53	vacuolar protein sorting 53 homolog (S. cerevisiae)	ENST00000437048	0,638655596

A_33_P3299560	AK094480	LEKR1	leucine, glutamate and lysine rich 1		0,638609678
A_21_P0001393	TCONS_00001212	XLOC_000478			0,637571799
A_21_P0014659	XR_110932	LOC100506678	uncharacterized LOC100506678		0,637557622
A_21_P0014228	ENST00000433357	LOC100289137		ENST00000433357	0,635193029
A_24_P331373	NM_031444	C22orf13	chromosome 22 open reading frame 13	ENST00000493099	0,633212844
A_23_P103361	NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	ENST00000469765	0,63290629
A_23_P385067	NM_053277	CLIC6	chloride intracellular channel 6	ENST00000360731	0,632123185
A_24_P313180	ENST00000256319	C14orf1	chromosome 14 open reading frame 1	ENST00000256319	0,631660135
A_33_P3251552	NM_001029871	RSPO4	R-spondin 4	ENST00000217260	0,631477494
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	0,631472823
A_23_P100912	NM_014030	GIT1	G protein-coupled receptor kinase interacting ArfGAP 1	ENST00000394869	0,631022429
A_24_P247026	NM_001008226	FAM154B	family with sequence similarity 154, member B	ENST00000339465	0,630887816
A_23_P383031	NM_032449	CC2D1B	coiled-coil and C2 domain containing 1B	ENST00000371586	0,627684112
A_23_P108404	NM_001037131	AGAP1	ArfGAP with GTPase domain, ankyrin repeat and PH domain	ENST00000304032	0,626172118
A_33_P3412349	NM_152943	ZNF268	zinc finger protein 268	ENST00000228289	0,625977393
A_24_P119685	NM_052843	OBSCN	obscurin, cytoskeletal calmodulin and titin-interacting RhoG	ENST00000284548	0,625210717
A_21_P0014024	ENST00000438418	LOC100652784		ENST00000438418	0,625205248
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	0,624186432
A_24_P419132	NM_006733	CENPI	centromere protein I	ENST00000372926	0,624176082
A_23_P122976	NM_002069	GNAI1	guanine nucleotide binding protein (G protein), alpha inhibi	ENST00000351004	0,623090212
A_23_P34676	NM_198053	CD247	CD247 molecule	ENST00000483825	0,61990784
A_23_P50517	NM_001101419	ZNF541	zinc finger protein 541	ENST00000314121	0,619788913
A_33_P3306442	NM_032134	QRICH2	glutamine rich 2	ENST00000524722	0,619739966
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,619691998
A_21_P0005139	TCONS_00012614	XLOC_005492			0,619595201
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	0,618429709
A_23_P122144	NM_152404	UGT3A1	UDP glycosyltransferase 3 family, polypeptide A1	ENST00000515801	0,618321256
A_33_P3373446	ENST00000453638	LOC100507505	uncharacterized LOC100507505	ENST00000453638	0,61827457
A_23_P113793	NM_024508	ZBED2	zinc finger, BED-type containing 2	ENST00000317012	0,618260468

A_33_P3312730	NM_177455	BHLHA15	basic helix-loop-helix family, member a15	ENST00000314018	0,61750875
A_21_P0012119	TCONS_I2_0001624	XLOC_I2_008622			0,617504934
A_23_P391637	NM_020705	TBC1D24	TBC1 domain family, member 24	ENST00000293970	0,617456932
A_23_P34700	NM_000364	TNNT2	troponin T type 2 (cardiac)	ENST00000479297	0,617040033
A_21_P0008601	ENST00000557558	XLOC_011188		ENST00000557558	0,615281053
A_32_P194062	NM_000372	TYR	tyrosinase (oculocutaneous albinism IA)	ENST00000263321	0,615247969
A_33_P3265855	NM_181334	PRR5-ARHGAP8	PRR5-ARHGAP8 readthrough	ENST00000389773	0,614783992
A_23_P43369	NM_014450	SIT1	signaling threshold regulating transmembrane adaptor 1	ENST00000474403	0,613932083
A_21_P0001817	ENST00000417930	XLOC_001331		ENST00000417930	0,613588153
A_21_P0001426	TCONS_00001294	XLOC_000578			0,611439719
A_23_P422350	NM_000260	MYO7A	myosin VIIA	ENST00000343419	0,610491837
A_21_P0008559	BC104435	LOC145837	uncharacterized LOC145837		0,609927661
A_21_P0002549	TCONS_00004611	XLOC_002515			0,609302718
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,609109649
A_19_P00318097	ENST00000485404	XLOC_I2_009762		ENST00000485404	0,608203056
A_33_P3405916	NR_038368	LINC00273	long intergenic non-protein coding RNA 273	ENST00000539813	0,608202442
A_21_P0003275	THC2523097	XLOC_002996			0,607146796
A_21_P0008787	TCONS_00023798	XLOC_011591			0,60697878
A_23_P256694	NR_002776	MCM3AP-AS1	MCM3AP antisense RNA 1 (non-protein coding)		0,606567104
A_33_P3311621	NR_034027	LOC338739	uncharacterized LOC338739		0,606469068
A_21_P0010309	TCONS_00029212	XLOC_013923			0,606077577
A_33_P3344292	ENST00000554335	SAMD4A	sterile alpha motif domain containing 4A	ENST00000554335	0,605472363
A_33_P3229472	NM_001012710	KRTAP5-10	keratin associated protein 5-10	ENST00000398531	0,604328176
A_33_P3209396	ENST00000498589	PPIL2	peptidylprolyl isomerase (cyclophilin)-like 2	ENST00000498589	0,602576569
A_21_P0008700	BC117365	LOC145757	uncharacterized LOC145757		0,601814739
A_21_P0002222	TCONS_00003696	XLOC_001485			0,600808398
A_33_P3297345	NM_001105669	TTC24	tetratricopeptide repeat domain 24	ENST00000368236	0,600000621
A_23_P15692	NM_017986	GPR172B	G protein-coupled receptor 172B	ENST00000424747	0,59936397
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	0,598963589

A_21_P0000567	NR_028443	SLC25A5-AS1	SLC25A5 antisense RNA 1 (non-protein coding)		0,598645193
A_23_P24966	NM_171997	USP2	ubiquitin specific peptidase 2	ENST00000525735	0,598286799
A_21_P0006302	TCONS_00016439	XLOC_007807			0,598167659
A_21_P0011346	BG107090	XLOC_I2_004840			0,59750178
A_23_P116512	NM_024841	PRR5L	proline rich 5 like	ENST00000389693	0,59695639
A_23_P21495	NM_003890	FCGBP	Fc fragment of IgG binding protein	ENST00000221347	0,596450241
A_21_P0009709	THC2662154	XLOC_013040			0,596254634
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,595469718
A_21_P0003303	XR_108514	LOC100505547	uncharacterized LOC100505547	ENST00000434969	0,595208797
A_33_P3271965	NM_000838	GRM1	glutamate receptor, metabotropic 1	ENST00000507907	0,594153434
A_23_P252758	NM_000420	KEL	Kell blood group, metallo-endopeptidase	ENST00000470850	0,593547055
A_23_P53193	NM_206927	SYTL2	synaptotagmin-like 2	ENST00000525692	0,592262572
A_23_P98571	NM_145017	PPP1R32	protein phosphatase 1, regulatory subunit 32	ENST00000432063	0,592011655
A_21_P0006502	CN284311	XLOC_008000			0,591793368
A_23_P342398	NR_034140	C12orf33	chromosome 12 open reading frame 33		0,591639228
A_23_P103034	NM_001886	CRYBA4	crystallin, beta A4	ENST00000466315	0,59159637
A_21_P0009401	TCONS_00026020	XLOC_012360			0,591515382
A_33_P3247473	NM_181624	KRTAP23-1	keratin associated protein 23-1	ENST00000334160	0,591158373
A_33_P3384133	NM_001163075	C17orf99	chromosome 17 open reading frame 99	ENST00000340363	0,591157121
A_23_P122906	NM_015570	AUTS2	autism susceptibility candidate 2	ENST00000406775	0,590690269
A_21_P0004761	ENST00000430931	XLOC_005771		ENST00000430931	0,590450083
A_21_P0009697	TCONS_00026966	XLOC_013018			0,590254734
A_23_P111395	NM_003058	SLC22A2	solute carrier family 22 (organic cation transporter), member 2	ENST00000498556	0,590120005
A_21_P0007302	AK308670	XLOC_009341			0,589657691
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	0,589589813
A_24_P103264	NM_003360	UGT8	UDP glycosyltransferase 8	ENST00000394511	0,589537702
A_33_P3318971	ENST00000357721	METTL20	methyltransferase like 20	ENST00000357721	0,589371059
A_21_P0005409	TCONS_00013554	XLOC_006188			0,58908418
A_23_P111919	NM_013357	PURG	purine-rich element binding protein G	ENST00000475541	0,588699979

A_23_P113393	NM_017413	APLN	apelin	ENST00000307484	0,588524946
A_33_P3418790	ENST00000380347	GNRH2	gonadotropin-releasing hormone 2	ENST00000380347	0,588103122
A_24_P301454	NR_003108	NBR2	neighbor of BRCA1 gene 2 (non-protein coding)	ENST00000464237	0,588049217
A_23_P143173	NM_032214	SLA2	Src-like-adaptor 2	ENST00000360672	0,587439355
A_33_P3305810	NM_020702	KIAA1161	KIAA1161	ENST00000379142	0,587272209
A_23_P130787	NM_017659	QPCTL	glutaminy-peptide cyclotransferase-like	ENST00000012049	0,587173089
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	0,586119099
A_19_P00801945	NR_015364	LOC441204	uncharacterized LOC441204		0,585907768
A_23_P114299	NM_001504	CXCR3	chemokine (C-X-C motif) receptor 3	ENST00000373691	0,585218245
A_19_P00322088	XM_001716361	LOC388210	apolipoporphins-like		0,584965774
A_24_P60441	NM_153717	EVC	Ellis van Creveld syndrome	ENST00000264956	0,584787269
A_33_P3270793	NM_145175	FAM84A	family with sequence similarity 84, member A	ENST00000359969	0,584735482
A_21_P0005213	ENST00000411542	XLOC_005988		ENST00000411542	0,584655149
A_23_P168165	NR_026780	C6orf208	chromosome 6 open reading frame 208		0,58355826
A_21_P0008383	TCONS_00022622	XLOC_010922			0,58283658
A_33_P3381948	NM_001080436	WTIP	Wilms tumor 1 interacting protein	ENST00000270288	0,582294234
A_21_P0011732	AK022793	XLOC_I2_006983			0,582199558
A_23_P2543	NM_015267	CUX2	cut-like homeobox 2	ENST00000261726	0,581588098
A_19_P00322743	XR_110481	LOC100506029	uncharacterized LOC100506029		0,581521949
A_33_P3237891	ENST00000409922	CHN2	chimerin (chimaerin) 2	ENST00000409922	0,580915509
A_24_P8109	NM_001012302	ANO9	anoctamin 9	ENST00000524802	0,580684838
A_21_P0014602	ENST00000440689	LOC100506293		ENST00000440689	0,580225987
A_33_P3216570	AJ298317	MUC5AC	mucin 5AC, oligomeric mucus/gel-forming		0,580178837
A_33_P3230188	AF172850	LINC00328	long intergenic non-protein coding RNA 328		0,58008077
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	0,579828664
A_21_P0012938	ENST00000512035	XLOC_I2_011426		ENST00000512035	0,579803524
A_21_P0011560	TCONS_I2_0001100	XLOC_I2_005921			0,579786638
A_24_P13285	NM_006741	PPP1R1A	protein phosphatase 1, regulatory (inhibitor) subunit 1A	ENST00000257905	0,579752447
A_23_P146830	NM_012140	SLC25A10	solute carrier family 25 (mitochondrial carrier; dicarboxylate)	ENST00000331531	0,579333077

A_33_P3306267	NM_000280	PAX6	paired box 6	ENST00000379109	0,579326436
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)	ENST00000367721	0,57931019
A_21_P0009712	BC034565	XLOC_013043			0,579264933
A_24_P105933	NM_004624	VIPR1	vasoactive intestinal peptide receptor 1	ENST00000498102	0,578391703
A_24_P350759	NM_004171	SLC1A2	solute carrier family 1 (glial high affinity glutamate transpor	ENST00000278379	0,578283853
A_23_P143952	NM_024548	CEP97	centrosomal protein 97kDa	ENST00000327230	0,577893576
A_24_P286935	NM_004311	ARL3	ADP-ribosylation factor-like 3		0,577851896
A_21_P0006513	TCONS_00017237	XLOC_008058			0,577828142
A_24_P916718	NM_207336	ZNF467	zinc finger protein 467	ENST00000302017	0,577371222
A_23_P34007	NR_002191	PPP1R2P9	protein phosphatase 1, regulatory (inhibitor) subunit 2 pseudogene 9		0,577063714
A_33_P3340869	NR_027620	LOC643719	uncharacterized LOC643719		0,576371936
A_21_P0008575	AK056534	LOC145757	uncharacterized LOC145757		0,575980166
A_23_P102017	NM_020711	ERMN	ermin, ERM-like protein	ENST00000397283	0,575849834
A_21_P0011903	ENST00000454224	XLOC_I2_007884		ENST00000454224	0,575427194
A_23_P131024	NM_014383	ZBTB32	zinc finger and BTB domain containing 32	ENST00000262630	0,574990813
A_23_P57784	NM_021101	CLDN1	claudin 1	ENST00000295522	0,574957872
A_23_P323243	NM_173516	PNLDC1	poly(A)-specific ribonuclease (PARN)-like domain containing	ENST00000275275	0,57455155
A_23_P107454	NM_031958	KRTAP3-1	keratin associated protein 3-1	ENST00000391588	0,574134658
A_23_P406782	NM_182983	HPN	hepsin	ENST00000541345	0,574081209
A_23_P17354	NM_024034	GDAP1L1	ganglioside-induced differentiation-associated protein 1-like	ENST00000438466	0,573589139
A_21_P0005604	TCONS_00014314	XLOC_006471			0,573480464
A_33_P3375541	NM_000732	CD3D	CD3d molecule, delta (CD3-TCR complex)	ENST00000300692	0,573011378
A_23_P108734	NM_018436	ALLC	allantoicase	ENST00000471711	0,572395816
A_33_P3238182	NR_026772	C8orf71	chromosome 8 open reading frame 71	ENST00000521663	0,572160542
A_33_P3234124	ENST00000481917	FAM132B	family with sequence similarity 132, member B	ENST00000481917	0,571307792
A_33_P3533001	AL568675	UBE2E4P	ubiquitin-conjugating enzyme E2E 4 pseudogene		0,57098077
A_33_P3252954	ENST00000382730	NKD2	naked cuticle homolog 2 (Drosophila)	ENST00000382730	0,570742132
A_21_P0013750	TCONS_I2_0003012	XLOC_I2_015441			0,570727541
A_24_P230282	NM_016378	VCX2	variable charge, X-linked 2	ENST00000543690	0,570546517

A_32_P133072	NM_006108	SPON1	spondin 1, extracellular matrix protein	ENST00000533633	0,570144388
A_23_P123424	NM_000749	CHRNB3	cholinergic receptor, nicotinic, beta 3	ENST00000289957	0,570102146
A_23_P100539	NM_001171	ABCC6	ATP-binding cassette, sub-family C (CFTR/MRP), member 6	ENST00000205558	0,570070226
A_23_P123071	NM_001233	CAV2	caveolin 2	ENST00000498493	0,569868125
A_33_P3242778	AK127110	LOC100129888	uncharacterized LOC100129888		0,569539761
A_23_P1102	NM_001100	ACTA1	actin, alpha 1, skeletal muscle	ENST00000366682	0,569490777
A_33_P3298850	NM_013356	SLC16A8	solute carrier family 16, member 8 (monocarboxylic acid tra	ENST00000320521	0,568738227
A_21_P0002265	TCONS_00004866	XLOC_001608			0,568469639
A_23_P206280	NM_201525	GPR56	G protein-coupled receptor 56	ENST00000379694	0,566595611
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	0,566338522
A_23_P108501	NM_004438	EPHA4	EPH receptor A4	ENST00000392071	0,566110251
A_21_P0006885	AL353951	XLOC_008528			0,565343191
A_21_P0006726	ENST00000418372	XLOC_008700		ENST00000418372	0,565142364
A_21_P0005021	NR_038989	LOC100507584	uncharacterized LOC100507584	ENST00000506222	0,564453535
A_33_P3214948	NM_014767	SPOCK2	sparc/osteonectin, cwcv and kazal-like domains proteoglyca	ENST00000373109	0,564273135
A_23_P24211	NM_147191	MMP21	matrix metallopeptidase 21	ENST00000368808	0,563365593
A_23_P374294	NM_145023	CCDC7	coiled-coil domain containing 7	ENST00000476558	0,563056231
A_33_P3328726	NM_182791	CCDC33	coiled-coil domain containing 33	ENST00000398814	0,561898999
A_24_P147398	NM_018289	VPS53	vacuolar protein sorting 53 homolog (S. cerevisiae)	ENST00000401468	0,560869012
A_21_P0005775	ENST00000523604	XLOC_006946		ENST00000523604	0,560283539
A_21_P0000327	NR_002972	SNORA39	small nucleolar RNA, H/ACA box 39		0,560075621
A_33_P3314176	NM_017709	FAM46C	family with sequence similarity 46, member C	ENST00000369448	0,559861772
A_23_P365412	NM_181644	MFSD4	major facilitator superfamily domain containing 4	ENST00000367147	0,559728915
A_33_P3250671	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522561	0,559528486
A_21_P0010486	THC2478115	XLOC_014484			0,558992522
A_21_P0006506	THC2647795	XLOC_008020			0,558828102
A_23_P396724	NM_152759	LRRC43	leucine rich repeat containing 43	ENST00000289014	0,55877518
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	0,557855333
A_24_P341923	NM_020964	EPG5	ectopic P-granules autophagy protein 5 homolog (C. elegan:	ENST00000308403	0,55760457

A_21_P0007071	TCONS_00018786	XLOC_008573				0,557314906
A_23_P117662	NM_002112	HDC	histidine decarboxylase		ENST00000267845	0,557179384
A_33_P3291524	NM_001143939	ZNF534	zinc finger protein 534		ENST00000332323	0,557017125
A_33_P3338270	NR_033579	LOC440297	chondroitin sulfate proteoglycan 4 pseudogene		ENST00000338938	0,556998561
A_23_P104741	NM_032531	KIRREL3	kin of IRRE like 3 (Drosophila)		ENST00000525144	0,556647709
A_21_P0005061	TCONS_00012290	XLOC_005847				0,555476314
A_33_P3388691	NM_001039152	RGS21	regulator of G-protein signaling 21		ENST00000417209	0,55515386
A_23_P134454	NM_001753	CAV1	caveolin 1, caveolae protein, 22kDa		ENST00000341049	0,554562379
A_21_P0003486	ENST00000514427	XLOC_004025			ENST00000514427	0,554232837
A_33_P3387971	AK124342	FLJ42351	uncharacterized LOC400999			0,5536424
A_23_P501713	NM_032556	IL1F10	interleukin 1 family, member 10 (theta)		ENST00000496265	0,553486032
A_21_P0014094	XR_108415	LOC100288092	uncharacterized LOC100288092			0,553077707
A_33_P3399598	AK125109	ABCD4	ATP-binding cassette, sub-family D (ALD), member 4			0,551657461
A_21_P0014692	XR_111722	LOC100288781	uncharacterized LOC100288781			0,551450714
A_21_P0001003	ENST00000420156	XLOC_000352			ENST00000420156	0,551357541
A_21_P0000017	NM_001146227	RPS20	ribosomal protein S20		ENST00000519807	0,551238491
A_33_P3254012	NM_172239	REXO1L1	REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 1		ENST00000425429	0,551141386
A_23_P101131	NM_002091	GRP	gastrin-releasing peptide		ENST00000256857	0,549145531
A_24_P125335	NM_005408	CCL13	chemokine (C-C motif) ligand 13		ENST00000225844	0,549083542
A_23_P369815	NM_000639	FASLG	Fas ligand (TNF superfamily, member 6)		ENST00000367721	0,548657488
A_21_P0006940	TCONS_00018395	XLOC_008678				0,54768488
A_23_P68511	NM_015985	ANGPT4	angiopoietin 4		ENST00000546022	0,546975125
A_23_P77756	NM_003857	GALR2	galanin receptor 2		ENST00000329003	0,546174507
A_33_P3233050	AK124895	SAMM50	sorting and assembly machinery component 50 homolog (S. cerevisiae)			0,545882971
A_21_P0009088	TCONS_00024776	XLOC_012051				0,544935037
A_19_P00317144	AK096731	XLOC_005595	0			0,544422778
A_23_P108823	NM_032523	OSBPL6	oxysterol binding protein-like 6		ENST00000315022	0,54436572
A_21_P0009380	TCONS_00025844	XLOC_012115				0,54386176
A_21_P0004648	ENST00000414875	XLOC_005279			ENST00000414875	0,543267243

A_23_P10232	NM_017935	BANK1	B-cell scaffold protein with ankyrin repeats 1	ENST00000322953	0,542831429
A_23_P87879	NM_001781	CD69	CD69 molecule	ENST00000228434	0,542301054
A_23_P359457	ENST00000082259	DNAH2	dynein, axonemal, heavy chain 2	ENST00000082259	0,541949423
A_33_P3293888	NM_002025	AFF2	AF4/FMR2 family, member 2	ENST00000342251	0,541128616
A_24_P150466	NM_001034852	SMOC1	SPARC related modular calcium binding 1	ENST00000381280	0,540826911
A_23_P45955	NM_014466	TEKT2	tektin 2 (testicular)	ENST00000469024	0,540165488
A_21_P0014768	XR_132536	LOC100653016	uncharacterized LOC100653016		0,53987038
A_21_P0004085	ENST00000507681	XLOC_004679		ENST00000507681	0,539384028
A_21_P0006135	TCONS_00015940	XLOC_007308			0,539220234
A_33_P3269208	NM_001001850	STX19	syntaxin 19	ENST00000315099	0,539003428
A_33_P3743432	AY746433	DEFA8P	defensin, alpha 8 pseudogene		0,538373811
A_23_P348524	NM_001007125	C20orf201	chromosome 20 open reading frame 201	ENST00000308906	0,5381502
A_21_P0006195	TCONS_00016107	XLOC_007494			0,538062061
A_19_P00812562	XM_001716361	LOC388210	apolipoporphorins-like		0,537625011
A_23_P360754	NM_005099	ADAMTS4	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000367996	0,537548847
A_24_P512054	NM_024045	DDX50	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50	ENST00000494889	0,537120877
A_33_P3336686	NM_004669	CLIC3	chloride intracellular channel 3		0,536954728
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	0,536861838
A_21_P0009037	THC2662545	XLOC_011950			0,536208737
A_21_P0008516	TCONS_00023013	XLOC_010868			0,535246658
A_33_P3376116	NM_182513	SPC24	SPC24, NDC80 kinetochore complex component, homolog (	ENST00000423327	0,534003584
A_21_P0014847	XR_132718	LOC100506802	uncharacterized LOC100506802		0,533865479
A_33_P3255627	NM_001142579	ZNF780A	zinc finger protein 780A	ENST00000414720	0,533841188
A_19_P00319407	NM_024534	ERVMER34-1	endogenous retrovirus group MER34, member 1		0,533688907
A_21_P0007195	TCONS_00019278	XLOC_009111			0,532890415
A_23_P11841	NM_001684	ATP2B4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	ENST00000341360	0,532731876
A_23_P7582	NM_003202	TCF7	transcription factor 7 (T-cell specific, HMG-box)	ENST00000522653	0,531872807
A_23_P113471	NM_174912	FAAH2	fatty acid amide hydrolase 2	ENST00000491179	0,531860847
A_33_P3248265	NM_002341	LTB	lymphotoxin beta (TNF superfamily, member 3)	ENST00000376117	0,531656374

A_23_P365738	NM_015193	ARC	activity-regulated cytoskeleton-associated protein	ENST00000356613	0,531634994
A_23_P354591	NM_033446	FAM125B	family with sequence similarity 125, member B	ENST00000361171	0,531608043
A_21_P0014166	XR_108672	LOC100506379	uncharacterized LOC100506379		0,531596812
A_23_P315789	NM_000538	RFXAP	regulatory factor X-associated protein	ENST00000255476	0,531493271
A_21_P0014178	XR_108724	LOC100505531	uncharacterized LOC100505531		0,531305545
A_23_P108743	NM_152381	XIRP2	xin actin-binding repeat containing 2	ENST00000295237	0,530252101
A_23_P210807	NM_138283	CSTL1	cystatin-like 1	ENST00000347397	0,529917607
A_21_P0005599	TCONS_00014282	XLOC_006409			0,529506681
A_21_P0006892	TCONS_00018278	XLOC_008554			0,529340715
A_33_P3392740	AL831857	ATOH8	atonal homolog 8 (Drosophila)	ENST00000463422	0,528849265
A_33_P3275233	AK093561	LOC100131792	uncharacterized LOC100131792		0,528232435
A_23_P253317	NM_013308	GPR171	G protein-coupled receptor 171	ENST00000309180	0,527854218
A_33_P3244194	NM_198402	PTPLB	protein tyrosine phosphatase-like (proline instead of cataly	ENST00000383657	0,52741018
A_21_P0008541	ENST00000554634	XLOC_011064		ENST00000554634	0,527399425
A_19_P00321068	NR_003491	MIAT			0,527032725
A_21_P0006781	XR_110437	LOC100507633	uncharacterized LOC100507633	ENST00000432246	0,526390473
A_23_P109913	NM_006564	CXCR6	chemokine (C-X-C motif) receptor 6	ENST00000438735	0,5263777
A_21_P0003842	ENST00000508099	XLOC_003629		ENST00000508099	0,526020511
A_33_P3290898	NM_015692	CPAMD8	C3 and PZP-like, alpha-2-macroglobulin domain containing	ENST00000388925	0,525563518
A_23_P46025	NM_018208	ETNK2	ethanolamine kinase 2	ENST00000367198	0,525406633
A_23_P122906	NM_015570	AUTS2	autism susceptibility candidate 2	ENST00000406775	0,525112888
A_33_P3342830	NM_173201	ATP2A1	ATPase, Ca ⁺⁺ transporting, cardiac muscle, fast twitch 1	ENST00000357084	0,525044955
A_23_P27239	NM_002548	OR1D2	olfactory receptor, family 1, subfamily D, member 2	ENST00000331459	0,524925704
A_23_P113462	NM_017641	KIF21A	kinesin family member 21A	ENST00000395670	0,524367697
A_23_P4592	NM_001245	SIGLEC6	sialic acid binding Ig-like lectin 6	ENST00000343300	0,523978796
A_19_P00317094	BC003645	LOC642776	uncharacterized LOC642776		0,523226992
A_23_P313828	NM_181716	CENPV	centromere protein V	ENST00000299736	0,52320175
A_32_P163247	NM_001768	CD8A	CD8a molecule	ENST00000409511	0,52309842
A_24_P396167	NM_001335	CTSW	cathepsin W	ENST00000307886	0,522822976

A_21_P0004618	AK090788	XLOC_005915				0,522689707
A_24_P403561	NM_002334	LRP4	low density lipoprotein receptor-related protein 4	ENST00000529604		0,522597458
A_21_P0005349	ENST00000421380	XLOC_005965		ENST00000421380		0,52240835
A_21_P0000827	NR_038894	LOC100506428	uncharacterized LOC100506428			0,522097864
A_23_P103465	NM_000929	PLA2G5	phospholipase A2, group V	ENST00000465698		0,521758943
A_21_P0004585	TCONS_00011091	XLOC_005088				0,521569259
A_21_P0006355	DA439958	XLOC_007429				0,521515932
A_24_P854492	NR_003491	MIAT	myocardial infarction associated transcript (non-protein coding)			0,521348127
A_21_P0003448	ENST00000507932	XLOC_003890		ENST00000507932		0,520131049
A_33_P3279610	NM_005205	COX6A2	cytochrome c oxidase subunit VIa polypeptide 2	ENST00000287490		0,519132365
A_23_P126031	NM_001004469	OR10J5	olfactory receptor, family 10, subfamily J, member 5	ENST00000334857		0,519072067
A_19_P00315524	NR_003491	MIAT				0,519028597
A_24_P69053	NM_001080477	ODZ3	odz, odd Oz/ten-m homolog 3 (Drosophila)	ENST00000406950		0,518787632
A_23_P125618	NM_000808	GABRA3	gamma-aminobutyric acid (GABA) A receptor, alpha 3	ENST00000535043		0,518448432
A_23_P358917	NM_000765	CYP3A7	cytochrome P450, family 3, subfamily A, polypeptide 7	ENST00000336374		0,51841695
A_23_P202034	NR_028134	GUCY2GP	guanylate cyclase 2G homolog (mouse), pseudogene	ENST00000490269		0,518277159
A_33_P3252974	NM_033129	SCRT2	scratch homolog 2, zinc finger protein (Drosophila)	ENST00000246104		0,517590631
A_23_P121106	NM_003865	HESX1	HESX homeobox 1	ENST00000295934		0,517339089
A_21_P0006229	TCONS_00016163	XLOC_007573				0,517027446
A_23_P317756	NM_202000	ACSM3	acyl-CoA synthetase medium-chain family member 3	ENST00000440284		0,517003452
A_21_P0005537	TCONS_00013994	XLOC_006638				0,516994386
A_19_P00327126	NM_001122636	GALNT9	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgl	ENST00000424720		0,516734706
A_19_P00321858	ENST00000467692	LOC100506403		ENST00000467692		0,516656401
A_33_P3303857	NM_001184714	SLAMF6	SLAM family member 6	ENST00000368055		0,516428555
A_33_P3220045	ENST00000394574	AKNA	AT-hook transcription factor	ENST00000394574		0,51596551
A_33_P3217819	NM_057749	CCNE2	cyclin E2	ENST00000542725		0,515115385
A_21_P0010995	TCONS_I2_0000472	XLOC_I2_002441				0,515073393
A_21_P0010438	AI525606	XLOC_014364				0,514975251
A_23_P51565	NM_003281	TNNI1	troponin I type 1 (skeletal, slow)	ENST00000556362		0,514830165

A_21_P0008537	ENST00000553775	XLOC_011043		ENST00000553775	0,514583731
A_19_P00322706	NR_003491	MIAT			0,514085087
A_33_P3227551	ENST00000509069	ZNF331	zinc finger protein 331	ENST00000509069	0,513880983
A_33_P3372752	XM_003118492	LOC400682	zinc finger protein 100-like		0,513090569
A_33_P3293645	XR_133104	HYDIN2	hydrocephalus inducing homolog 2 (mouse)		0,512818109
A_19_P00321356	ENST00000430555	XLOC_l2_007834		ENST00000430555	0,512786851
A_24_P324314	NM_001008529	MXRA7	matrix-remodelling associated 7	ENST00000375036	0,51257195
A_21_P0007957	ENST00000446579	XLOC_010467		ENST00000446579	0,512563783
A_33_P3318611	AK128825	LOC100131907	uncharacterized LOC100131907		0,512440408
A_33_P3316480	ENST00000529955	BBS1	Bardet-Biedl syndrome 1	ENST00000529955	0,512227693
A_21_P0010872	BX091290	XLOC_l2_001960			0,511766426
A_21_P0003161	TCONS_00006619	XLOC_003225			0,51117668
A_33_P3393010	ENST00000492861	PKDCC	protein kinase domain containing, cytoplasmic homolog (m	ENST00000492861	-0,500877878
A_21_P0001214	ENST00000412995	XLOC_001151		ENST00000412995	-0,501058474
A_23_P113111	NM_000044	AR	androgen receptor	ENST00000544984	-0,501438824
A_21_P0006290	H95216	XLOC_007767			-0,501540033
A_33_P3362291	AK001351	FLJ10489	uncharacterized protein FLJ10489	ENST00000503718	-0,501645314
A_19_P00320077	NM_001164479	C5orf63		ENST00000535381	-0,501694553
A_23_P143774	NM_018995	MOV10L1	Mov10l1, Moloney leukemia virus 10-like 1, homolog (mou:	ENST00000545383	-0,501782863
A_33_P3252381	NR_015342	PCA3	prostate cancer antigen 3 (non-protein coding)	ENST00000412654	-0,502196487
A_32_P220463	NR_024356	FBLL1	fibrillar-like 1		-0,502257646
A_21_P0001925	ENST00000437118	XLOC_001704		ENST00000437118	-0,502594554
A_23_P110266	NM_024574	NDNF	neuron-derived neurotrophic factor	ENST00000379692	-0,502765118
A_24_P120537	NM_152550	SH3RF2	SH3 domain containing ring finger 2	ENST00000511705	-0,503055964
A_21_P0003891	TCONS_00009029	XLOC_003889			-0,503161579
A_33_P3311795	ENST00000528345	MYB	v-myb myeloblastosis viral oncogene homolog (avian)	ENST00000528345	-0,503368481
A_21_P0001217	ENST00000435542	XLOC_001182		ENST00000435542	-0,503408461
A_33_P3265709	NM_001001657	OR2Y1	olfactory receptor, family 2, subfamily Y, member 1	ENST00000307832	-0,503701022
A_24_P345679	NM_001195432	MLF1	myeloid leukemia factor 1	ENST00000355893	-0,503979926

A_33_P3322949	NR_027151	C10orf108	chromosome 10 open reading frame 108	ENST00000441152	-0,504116012
A_24_P402438	NM_003238	TGFB2	transforming growth factor, beta 2	ENST00000479322	-0,50414112
A_23_P369237	NM_004797	ADIPOQ	adiponectin, C1Q and collagen domain containing	ENST00000412955	-0,50461215
A_33_P3272849	ENST00000479767	LCN8	lipocalin 8	ENST00000479767	-0,504961214
A_33_P3233328	NM_001001917	OR56A1	olfactory receptor, family 56, subfamily A, member 1	ENST00000316650	-0,50501274
A_19_P00318329	ENST00000510938	XLOC_004789		ENST00000510938	-0,505479572
A_33_P3323928	NR_026762	LINC00263	long intergenic non-protein coding RNA 263		-0,505842367
A_21_P0009482	DA696352	XLOC_012682			-0,506327288
A_23_P99625	NM_203402	FITM1	fat storage-inducing transmembrane protein 1	ENST00000267426	-0,506661228
A_23_P349343	NM_139163	ALS2CR12	amyotrophic lateral sclerosis 2 (juvenile) chromosome regic	ENST00000494223	-0,507080481
A_21_P0013362	ENST00000458645	XLOC_I2_014077		ENST00000458645	-0,50753449
A_23_P62999	NM_004455	EXTL1	exostoses (multiple)-like 1	ENST00000374280	-0,507725179
A_21_P0007484	NR_040245	LOC100287314	uncharacterized LOC100287314	ENST00000547804	-0,507991808
A_33_P3373046	NM_001024596	ZNF772	zinc finger protein 772	ENST00000291809	-0,508200218
A_33_P3418710	NM_001080830	PRAMEF12	PRAME family member 12	ENST00000357726	-0,508426433
A_23_P117580	NM_001249	ENTPD5	ectonucleoside triphosphate diphosphohydrolase 5	ENST00000334696	-0,508682107
A_33_P3274416	NR_034179	LOC653712	intraflagellar transport 122 homolog (Chlamydomonas) pse	ENST00000480931	-0,509159281
A_23_P41145	NM_138805	FAM3D	family with sequence similarity 3, member D	ENST00000358781	-0,509797595
A_21_P0013157	ENST00000412602	XLOC_I2_013125		ENST00000412602	-0,510267222
A_23_P148793	NR_002925	FMO9P	flavin containing monooxygenase 9 pseudogene	ENST00000477875	-0,51029067
A_21_P0007236	TCONS_00019385	XLOC_009208			-0,510421867
A_33_P3214422	ENST00000483551	ANP32A	acidic (leucine-rich) nuclear phosphoprotein 32 family, men	ENST00000483551	-0,5104817
A_21_P0010213	THC2662635	XLOC_014105			-0,510632881
A_21_P0000521	NR_027097	LOC100271832	uncharacterized LOC100271832		-0,510705397
A_21_P0006150	TCONS_00016002	XLOC_007393			-0,510743464
A_23_P107116	NM_007148	RNF112	ring finger protein 112		-0,511351233
A_21_P0007865	TCONS_00021257	XLOC_009955			-0,511392894
A_21_P0013210	TCONS_I2_0002592!	XLOC_I2_013436			-0,511548639
A_33_P3256920	NM_058238	WNT7B	wingless-type MMTV integration site family, member 7B	ENST00000339464	-0,511780697

A_21_P0004818	TCONS_00011641	XLOC_005126				-0,512070373
A_21_P0003939	AK128486	XLOC_004860				-0,51227695
A_33_P3329622	ENST00000395690	HEATR8	HEAT repeat containing 8	ENST00000395690		-0,512503408
A_33_P3305288	NM_198504	PAQR9	progesterone and adipoQ receptor family member IX	ENST00000340634		-0,51274972
A_19_P00806593	TCONS_00011799	XLOC_005273				-0,513416638
A_21_P0009052	TCONS_00024703	XLOC_011981				-0,513777511
A_23_P11081	NM_003886	AKAP4	A kinase (PRKA) anchor protein 4	ENST00000376064		-0,51391807
A_33_P3366019	NR_024481	FAM205B	transmembrane protein C9orf144B pseudogene	ENST00000399773		-0,51431642
A_21_P0010124	TCONS_00028710	XLOC_013812				-0,51442273
A_33_P3263906	ENST00000368657	TUBE1	tubulin, epsilon 1	ENST00000368657		-0,514470776
A_21_P0004132	ENST00000512882	XLOC_004844		ENST00000512882		-0,51459951
A_24_P226332	NM_004440	EPHA7	EPH receptor A7	ENST00000369303		-0,514779309
A_21_P0006259	TCONS_00016286	XLOC_007661				-0,514898292
A_33_P3262685	NR_024591	POM121L1P	POM121 membrane glycoprotein-like 1, pseudogene	ENST00000414583		-0,514993481
A_21_P0003716	TCONS_00008415	XLOC_003867				-0,515001373
A_24_P857527	NR_024045	RAET1K	retinoic acid early transcript 1K pseudogene	ENST00000533735		-0,515111173
A_23_P153797	NM_004386	NCAN	neurocan	ENST00000252575		-0,515114546
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190		-0,515429667
A_24_P43826	NM_022659	EBF2	early B-cell factor 2	ENST00000535548		-0,515773476
A_21_P0014180	ENST00000474396	GPR146	G protein-coupled receptor 146	ENST00000474396		-0,515825255
A_21_P0002055	ENST00000444672	XLOC_002117		ENST00000444672		-0,515842198
A_23_P129169	NM_000781	CYP11A1	cytochrome P450, family 11, subfamily A, polypeptide 1	ENST00000435365		-0,516614077
A_23_P170888	NM_001039350	DPP6	dipeptidyl-peptidase 6	ENST00000332007		-0,516938596
A_23_P79302	NM_177964	LYPD6B	LY6/PLAUR domain containing 6B	ENST00000409876		-0,517123647
A_21_P0010316	TCONS_00029251	XLOC_013981				-0,51792142
A_23_P111311	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12	ENST00000253332		-0,517980768
A_32_P4626	XR_108654	LOC100505880	uncharacterized LOC100505880			-0,518053112
A_33_P3418091	NM_001130136	ISLR2	immunoglobulin superfamily containing leucine-rich repeat	ENST00000395121		-0,518135297
A_33_P3271652	NM_032425	HHIPL1	HHIP-like 1	ENST00000357223		-0,518149892

A_23_P344481	NM_152709	STOX1	storkhead box 1	ENST00000399169	-0,518293879
A_21_P0009865	ENST00000366097	XLOC_013582		ENST00000366097	-0,518363952
A_23_P58854	NM_058244	WNT8A	wingless-type MMTV integration site family, member 8A	ENST00000398754	-0,518639558
A_21_P0008835	TCONS_00023984	XLOC_011316			-0,518697821
A_21_P0001049	ENST00000427825	XLOC_000515		ENST00000427825	-0,519141589
A_23_P96291	NM_004988	MAGEA1	melanoma antigen family A, 1 (directs expression of antigen)	ENST00000356661	-0,519437273
A_21_P0007333	TCONS_00019602	XLOC_009404			-0,519678513
A_21_P0005429	TCONS_00013589	XLOC_006248			-0,519877045
A_21_P0000122	NM_001195081	LOC100288814	uncharacterized protein LOC100288814		-0,520066346
A_21_P0001548	TCONS_00001584	XLOC_000917			-0,520157616
A_24_P277934	NM_000089	COL1A2	collagen, type I, alpha 2	ENST00000464916	-0,520215519
A_23_P369237	NM_004797	ADIPOQ	adiponectin, C1Q and collagen domain containing	ENST00000412955	-0,520611217
A_21_P0010083	TCONS_00028505	XLOC_013471			-0,520918763
A_21_P0008695	TCONS_00023549	XLOC_011383			-0,521141674
A_33_P3235177	NM_144993	TET3	tet methylcytosine dioxygenase 3	ENST00000409262	-0,521165287
A_23_P130435	NM_030657	LIM2	lens intrinsic membrane protein 2, 19kDa	ENST00000221973	-0,521521838
A_23_P108734	NM_018436	ALLC	allantoicase	ENST00000471711	-0,521545427
A_23_P30567	NM_001882	CRHBP	corticotropin releasing hormone binding protein	ENST00000503763	-0,521948448
A_21_P0008798	THC2701769	XLOC_011603			-0,521964516
A_33_P3222807	ENST00000297423	KIAA0146	KIAA0146	ENST00000297423	-0,522053215
A_33_P3334923	NR_028138	LOC338758	uncharacterized LOC338758		-0,52273099
A_19_P00317431	NR_027103	LOC285375	uncharacterized LOC285375	ENST00000419618	-0,522884602
A_21_P0011365	XR_132589	LOC100652840	u3 small nucleolar ribonucleoprotein protein MPP10-like		-0,523447793
A_21_P0014225	XR_108921	LOC100505905	uncharacterized LOC100505905		-0,523469106
A_33_P3331125	NM_145176	SLC2A12	solute carrier family 2 (facilitated glucose transporter), member 12		-0,523595727
A_33_P3401477	XR_112756	LOC100130172	uncharacterized LOC100130172		-0,523616651
A_21_P0009765	TCONS_00027311	XLOC_013309			-0,523641566
A_24_P184732	NM_173462	PAPLN	papilin, proteoglycan-like sulfated glycoprotein	ENST00000394134	-0,523684543
A_21_P0012800	ENST00000513895	XLOC_I2_011281		ENST00000513895	-0,523947937

A_32_P3476	NM_203400	RPRML	reprimo-like	ENST00000322329	-0,524373042
A_23_P107116	NM_007148	RNF112	ring finger protein 112		-0,524525571
A_21_P0010497	NR_037843	HOTTIP	HOXA distal transcript antisense RNA (non-protein coding)		-0,52495334
A_19_P00318187	ENST00000417485	XLOC_001849		ENST00000417485	-0,525665032
A_23_P403335	NM_015065	EXPH5	exophilin 5	ENST00000525344	-0,525872388
A_21_P0013838	AL528462	XLOC_I2_015855			-0,525877026
A_33_P3213029	NM_017763	RNF43	ring finger protein 43	ENST00000407977	-0,52593072
A_33_P3345041	NR_026830	FLJ32063	uncharacterized LOC150538		-0,526636065
A_21_P0013620	ENST00000497195	XLOC_I2_015100		ENST00000497195	-0,526659104
A_23_P129695	NM_138440	VASN	vasorin	ENST00000304735	-0,527241916
A_33_P3305617	ENST00000359175	SPTS5B	serine palmitoyltransferase, small subunit B	ENST00000359175	-0,52760075
A_33_P3311473	NM_020453	ATP10D	ATPase, class V, type 10D	ENST00000273859	-0,527681135
A_23_P256158	NM_000683	ADRA2C	adrenergic, alpha-2C-, receptor	ENST00000330055	-0,527855556
A_21_P0011757	BF229395	XLOC_I2_007096			-0,528054076
A_33_P3319905	NM_018643	TREM1	triggering receptor expressed on myeloid cells 1		-0,528141349
A_33_P3306762	ENST00000371801	OLFM1	olfactomedin 1	ENST00000371801	-0,52829018
A_21_P0010650	ENST00000422716	XLOC_I2_001089		ENST00000422716	-0,528577621
A_21_P0009743	TCONS_00027223	XLOC_013263			-0,52861723
A_21_P0014407	XR_109629	LOC100506348	uncharacterized LOC100506348		-0,528834051
A_21_P0006217	TCONS_00016141	XLOC_007536			-0,529339379
A_24_P401768	NM_130847	AMOTL1	angiomin like 1	ENST00000317829	-0,529608158
A_21_P0001603	ENST00000436955	XLOC_001126		ENST00000436955	-0,5301113
A_33_P3260317	NM_033334	NR6A1	nuclear receptor subfamily 6, group A, member 1	ENST00000487099	-0,530474598
A_23_P123402	NM_184086	TRIM55	tripartite motif containing 55	ENST00000276573	-0,530806029
A_21_P0004456	AK054753	XLOC_005049			-0,531102018
A_21_P0005496	TCONS_00013799	XLOC_006439			-0,53121106
A_33_P3383292	NR_033940	LOC100129620	uncharacterized LOC100129620	ENST00000425113	-0,531610475
A_33_P3246028	NM_001099434	DCDC2B	doublecortin domain containing 2B	ENST00000409358	-0,531614726
A_23_P110319	NM_025087	CWH43	cell wall biogenesis 43 C-terminal homolog (S. cerevisiae)	ENST00000226432	-0,531796832

A_33_P3355703	NM_001012706	C14orf182	chromosome 14 open reading frame 182	ENST00000399206	-0,531815044
A_33_P3336592	AK127052	LOC100499221	uncharacterized LOC100499221		-0,532009296
A_21_P0002200	TCONS_00003640	XLOC_001430			-0,532074599
A_21_P0004149	ENST00000506041	XLOC_004916		ENST00000506041	-0,532711405
A_19_P00322953	ENST00000450531	XLOC_002319		ENST00000450531	-0,532767274
A_33_P3300985	XM_001716667	LOC731932	uncharacterized LOC731932		-0,53309485
A_21_P0000292	NR_002829	P2RX6P	purinergic receptor P2X, ligand-gated ion channel, 6 pseudoc	ENST00000439119	-0,533130128
A_23_P121665	NM_020777	SORCS2	sortilin-related VPS10 domain containing receptor 2	ENST00000507866	-0,533284156
A_24_P228149	NM_002274	KRT13	keratin 13	ENST00000157775	-0,533438519
A_21_P0014827	XR_132674	LOC100287166	uncharacterized LOC100287166		-0,534062153
A_23_P103349	NM_022375	OCLM	oculomedin		-0,534193471
A_21_P0014755	XR_132497	LOC100652966	uncharacterized LOC100652966		-0,53433632
A_21_P0014009	NM_001098844	TMEM236	transmembrane protein 236	ENST00000338221	-0,534378428
A_24_P246841	NM_004277	SLC25A27	solute carrier family 25, member 27	ENST00000355073	-0,534638097
A_23_P369237	NM_004797	ADIPOQ	adiponectin, C1Q and collagen domain containing	ENST00000412955	-0,534688583
A_23_P101671	NM_033064	ATCAY	ataxia, cerebellar, Cayman type	ENST00000450849	-0,534752412
A_21_P0014111	ENST00000490351	LOC100506708		ENST00000490351	-0,534883712
A_21_P0013460	ENST00000447933	XLOC_I2_014077		ENST00000447933	-0,534966242
A_33_P3222653	NR_033938	LOC100131366	uncharacterized LOC100131366		-0,535239019
A_21_P0003336	ENST00000514103	XLOC_003458		ENST00000514103	-0,53538926
A_23_P110851	NM_198253	TERT	telomerase reverse transcriptase	ENST00000296820	-0,535570393
A_23_P70968	NM_006896	HOXA7	homeobox A7	ENST00000242159	-0,535773026
A_23_P345678	NM_033084	FANCD2	Fanconi anemia, complementation group D2	ENST00000287647	-0,535870584
A_21_P0012329	THC2522425	XLOC_I2_009441			-0,536059355
A_23_P118854	NM_003770	KRT37	keratin 37		-0,536455283
A_33_P3877992	NR_038881	LOC286190	uncharacterized LOC286190	ENST00000499227	-0,536720075
A_32_P306678	NM_001145065	FAM190A	family with sequence similarity 190, member A	ENST00000509176	-0,537162376
A_33_P3350863	NM_020415	RETN	resistin	ENST00000221515	-0,53732893
A_24_P203106	NM_002625	PFKFB1	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1	ENST00000374992	-0,537582052

A_21_P0000267	NR_002583	SNORD72	small nucleolar RNA, C/D box 72		-0,537590877
A_23_P71598	NM_003829	MPDZ	multiple PDZ domain protein	ENST00000319198	-0,537969321
A_23_P352426	NM_006382	CDRT1	CMT1A duplicated region transcript 1	ENST00000395906	-0,538039635
A_23_P392429	NM_145756	ZNF396	zinc finger protein 396	ENST00000306346	-0,538246186
A_33_P3233025	NM_001135995	ATXN3L	ataxin 3-like	ENST00000380622	-0,53869249
A_19_P00318544	ENST00000455821	XLOC_002977		ENST00000455821	-0,538898987
A_23_P66767	NM_153338	GGT6	gamma-glutamyltransferase 6	ENST00000414312	-0,539129013
A_23_P107116	NM_007148	RNF112	ring finger protein 112		-0,540024376
A_21_P0011521	TCONS_I2_0001060;XLOC_I2_005692				-0,540086693
A_21_P0002081	ENST00000447761	XLOC_002234		ENST00000447761	-0,540130624
A_23_P101319	NM_152354	ZNF285	zinc finger protein 285	ENST00000544719	-0,541004318
A_19_P00811812	NM_201274	MPRIP	myosin phosphatase Rho interacting protein		-0,541828338
A_23_P89249	NM_001005862	ERBB2	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, ENST00000406381		-0,541879932
A_33_P3333177	XR_112044	LOC644083	uncharacterized LOC644083		-0,541899339
A_21_P0003637	TCONS_00008198	XLOC_003650			-0,542034937
A_21_P0010989	TCONS_I2_0000470;XLOC_I2_002433				-0,54265432
A_33_P3378556	NM_000128	F11	coagulation factor XI	ENST00000403665	-0,543161084
A_32_P935906	NR_026974	C8orf77	chromosome 8 open reading frame 77	ENST00000527067	-0,543453204
A_21_P0004641	NM_001198815	MUC22	mucin 22	ENST00000416716	-0,543953403
A_21_P0001858	XR_109987	LOC100506235	uncharacterized LOC100506235	ENST00000432064	-0,544003446
A_33_P3287068	BC027486	LOC728437	hCG2020170		-0,544532017
A_19_P00319044	ENST00000416534	XLOC_I2_007880		ENST00000416534	-0,544738131
A_33_P3337921	XR_109991	LOC727944	uncharacterized LOC727944		-0,544899975
A_33_P3257474	NM_001042367	C15orf60	chromosome 15 open reading frame 60	ENST00000331090	-0,545391779
A_23_P105524	NM_033123	PLCZ1	phospholipase C, zeta 1	ENST00000539875	-0,545416032
A_21_P0013137	ENST00000473271	TCP10L2	t-complex 10-like 2 (mouse)	ENST00000473271	-0,545529462
A_24_P100830	NM_001113402	AMN1	antagonist of mitotic exit network 1 homolog (S. cerevisiae)	ENST00000281471	-0,545714736
A_21_P0009125	TCONS_00025013	XLOC_011948			-0,545988321
A_21_P0008960	THC2655745	XLOC_011758			-0,546129617

A_23_P110266	NM_024574	NDNF	neuron-derived neurotrophic factor	ENST00000379692	-0,546287225
A_23_P113553	NM_001011544	MAGEA11	melanoma antigen family A, 11	ENST00000355220	-0,546383155
A_33_P3302657	ENST00000376525	TLE4	transducin-like enhancer of split 4 (E(sp1) homolog, Drosop	ENST00000376525	-0,546685203
A_21_P0004584	ENST00000521128	XLOC_005087		ENST00000521128	-0,547456054
A_21_P0009372	TCONS_00025789	XLOC_012596			-0,547469128
A_23_P420692	NM_015053	PPFIA4	protein tyrosine phosphatase, receptor type, f polypeptide	ENST00000295706	-0,547506053
A_19_P00807507	TCONS_00019683	XLOC_009483			-0,547660143
A_33_P3226008	NM_001190259	GCET2	germinal center expressed transcript 2	ENST00000495418	-0,547769871
A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187	-0,547771724
A_33_P3254078	ENST00000471669	C9orf68	chromosome 9 open reading frame 68	ENST00000471669	-0,54778313
A_23_P114314	NM_005193	CDX4	caudal type homeobox 4	ENST00000373514	-0,547844346
A_21_P0006296	TCONS_00016407	XLOC_007778			-0,547960518
A_19_P00318505	NR_026961	LOC284837	uncharacterized LOC284837	ENST00000400385	-0,547984358
A_21_P0006278	TCONS_00016357	XLOC_007737			-0,54809311
A_23_P123228	NM_000111	SLC26A3	solute carrier family 26, member 3	ENST00000340010	-0,548141449
A_33_P3296697	NR_002801	PHF2P1	PHD finger protein 2 pseudogene 1		-0,548142939
A_33_P3385785	NM_005621	S100A12	S100 calcium binding protein A12	ENST00000368736	-0,548275065
A_21_P0001661	TCONS_00001929	XLOC_000036			-0,548360362
A_21_P0001522	TCONS_00001535	XLOC_000881			-0,548416304
A_23_P73632	NM_000475	NR0B1	nuclear receptor subfamily 0, group B, member 1	ENST00000378970	-0,548631502
A_33_P3548190	NR_034024	LINC00347	long intergenic non-protein coding RNA 347		-0,548678654
A_24_P121406	NM_015070	ZC3H13	zinc finger CCCH-type containing 13	ENST00000282007	-0,548882095
A_23_P10206	NM_005328	HAS2	hyaluronan synthase 2	ENST00000303924	-0,548893259
A_19_P00806450	TCONS_I2_0000602	XLOC_I2_003234			-0,549352864
A_21_P0004128	BE265759	XLOC_004815			-0,54944076
A_21_P0006327	ENST00000454408	XLOC_007867		ENST00000454408	-0,549503236
A_21_P0012111	TCONS_I2_0001615	XLOC_I2_008546			-0,549517006
A_21_P0002455	TCONS_00004296	XLOC_002142			-0,549645905
A_23_P38304	NM_145273	CD300LG	CD300 molecule-like family member g	ENST00000293396	-0,549932558

A_33_P3222659	AK026448	AGSK1	golgin subfamily A member 2-like		-0,5499537
A_23_P17811	NM_012429	SEC14L2	SEC14-like 2 (<i>S. cerevisiae</i>)	ENST00000478762	-0,550066126
A_33_P3227798	AK124439	LOC100129995	uncharacterized LOC100129995	ENST00000379677	-0,550165621
A_24_P271830	NR_034145	FLJ34690	uncharacterized protein FLJ34690		-0,550355366
A_32_P416161	NM_212559	XKRX	XK, Kell blood group complex subunit-related, X-linked	ENST00000372956	-0,550359607
A_33_P3261132	NR_001560	CYCSP52	cytochrome c, somatic pseudogene 52		-0,550997151
A_21_P0010796	NR_040002	LOC255654	uncharacterized LOC255654	ENST00000366308	-0,551458488
A_21_P0009555	TCONS_00026518	XLOC_012839			-0,551788644
A_33_P3372727	NM_003966	SEMA5A	sema domain, seven thrombospondin repeats (type 1 and t	ENST00000382496	-0,551980058
A_33_P3635527	NM_001085455	KRTAP24-1	keratin associated protein 24-1	ENST00000340345	-0,552240568
A_21_P0008833	TCONS_00023979	XLOC_011308			-0,552737862
A_21_P0005919	TCONS_00015203	XLOC_006681			-0,552782187
A_21_P0006220	TCONS_00016144	XLOC_007542			-0,553271746
A_21_P0004736	XR_108683	LOC100506885	uncharacterized LOC100506885		-0,553501313
A_23_P253791	NM_004345	CAMP	cathelicidin antimicrobial peptide	ENST00000296435	-0,554125958
A_21_P0006640	ENST00000421629	XLOC_008352		ENST00000421629	-0,55414157
A_23_P102864	NM_002772	TMPRSS15	transmembrane protease, serine 15	ENST00000284885	-0,554459463
A_19_P00316538	ENST00000444266	XLOC_002141		ENST00000444266	-0,554471244
A_33_P3347057	AK092662	LOC100132005	uncharacterized LOC100132005		-0,554691094
A_23_P315212	NM_012344	NTSR2	neurotensin receptor 2	ENST00000306928	-0,554841981
A_21_P0002838	ENST00000443087	XLOC_003025		ENST00000443087	-0,554950484
A_21_P0014246	ENST00000443016	LOC100507213		ENST00000443016	-0,555845181
A_21_P0004007	ENST00000515077	XLOC_004410		ENST00000515077	-0,555919748
A_21_P0012603	ENST00000508358	XLOC_I2_010772		ENST00000508358	-0,555928157
A_21_P0009554	BC031271	XLOC_012833			-0,556075553
A_33_P3280974	XM_003403822	ANKRD20A4	ankyrin repeat domain 20 family, member A4		-0,556150113
A_33_P3218960	NM_021098	CACNA1H	calcium channel, voltage-dependent, T type, alpha 1H subu	ENST00000348261	-0,556420786
A_21_P0000391	NR_003075	SNORD93	small nucleolar RNA, C/D box 93		-0,556489184
A_21_P0002975	THC2663070	XLOC_002701			-0,556493299

A_33_P3214550	NM_001557	CXCR2	chemokine (C-X-C motif) receptor 2	ENST00000318507	-0,55649536
A_24_P177279	NM_014460	CSDC2	cold shock domain containing C2, RNA binding	ENST00000306149	-0,556498148
A_21_P0001394	TCONS_00001215	XLOC_000482			-0,556539843
A_21_P0006009	ENST00000422554	XLOC_007350		ENST00000422554	-0,556795853
A_33_P3258004	NM_152788	ANKS1B	ankyrin repeat and sterile alpha motif domain containing 1E	ENST00000546960	-0,556840353
A_21_P0003971	ENST00000416930	XLOC_004293		ENST00000416930	-0,556860631
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,556912771
A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187	-0,557471224
A_21_P0012364	TCONS_I2_0001843	XLOC_I2_009613			-0,557770342
A_33_P3388536	NR_036504	LOC728752	uncharacterized LOC728752		-0,557783716
A_23_P306987	NM_031439	SOX7	SRY (sex determining region Y)-box 7	ENST00000304501	-0,557825661
A_23_P114445	NM_020932	MAGEE1	melanoma antigen family E, 1	ENST00000361470	-0,557871144
A_21_P0000462	NR_003687	SNORD19B	small nucleolar RNA, C/D box 19B	ENST00000496254	-0,558118552
A_23_P116850	NM_000423	KRT2	keratin 2	ENST00000309680	-0,558330581
A_33_P3246920	ENST00000338325	CSMD2	CUB and Sushi multiple domains 2	ENST00000338325	-0,558575505
A_23_P110266	NM_024574	NDNF	neuron-derived neurotrophic factor	ENST00000379692	-0,558612205
A_21_P0004069	ENST00000514942	XLOC_004592		ENST00000514942	-0,558646783
A_21_P0005615	BC031939	XLOC_006775		ENST00000523507	-0,558688543
A_23_P369237	NM_004797	ADIPOQ	adiponectin, C1Q and collagen domain containing	ENST00000412955	-0,558695459
A_21_P0002340	TCONS_00003999	XLOC_001823			-0,558797006
A_23_P111724	NM_138290	RUNDC3B	RUN domain containing 3B	ENST00000493037	-0,559032619
A_32_P63562	XR_132800	LOC100132240	uncharacterized LOC100132240		-0,559463041
A_21_P0004813	TCONS_00011632	XLOC_005121			-0,559668133
A_23_P305205	NM_015314	KIAA0895	KIAA0895	ENST00000317020	-0,559709168
A_21_P0003626	THC2525615	XLOC_003595			-0,559713073
A_33_P3520835	AK123449	FLJ41455	uncharacterized LOC441441		-0,560162286
A_33_P3315564	NM_001008743	SULT1C3	sulfotransferase family, cytosolic, 1C, member 3	ENST00000329106	-0,560292666
A_23_P119763	NM_022436	ABCG5	ATP-binding cassette, sub-family G (WHITE), member 5	ENST00000409962	-0,560544995
A_21_P0011220	ENST00000413501	XLOC_I2_003911		ENST00000413501	-0,56073273

A_23_P89249	NM_001005862	ERBB2	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, ENST00000406381	-0,561024209
A_21_P0001380	TCONS_00001180	XLOC_000443		-0,561218072
A_23_P103349	NM_022375	OCLM	oculomedin	-0,561381057
A_23_P213228	NM_003924	PHOX2B	paired-like homeobox 2b	ENST00000226382 -0,561559993
A_33_P3729436	BF570972	SNAR-B1	small ILF3/NF90-associated RNA B1	-0,561621749
A_21_P0002560	TCONS_00004652	XLOC_002560		-0,561701359
A_21_P0005724	TCONS_00014765	XLOC_006848		-0,561901448
A_33_P3424187	NM_001017363	ARID3C	AT rich interactive domain 3C (BRIGHT-like)	ENST00000378909 -0,562009883
A_21_P0012890	NR_033906	LOC442132	golgin A6 family-like 1 pseudogene	-0,562174005
A_33_P3240249	AK125712	LOC100129125	uncharacterized LOC100129125	-0,562284952
A_21_P0009966	TCONS_00028199	XLOC_013550		-0,562366863
A_21_P0012597	TCONS_I2_0002059	XLOC_I2_010724		-0,562539067
A_21_P0004758	ENST00000425089	XLOC_005749		ENST00000425089 -0,562686941
A_21_P0001136	ENST00000449812	XLOC_000850		ENST00000449812 -0,562770075
A_24_P795371	XR_111553	LOC644192	uncharacterized LOC644192	-0,56281293
A_21_P0002599	THC2742479	XLOC_001544		-0,563141047
A_21_P0007600	TCONS_00020511	XLOC_009828		-0,563162025
A_33_P3266730	NM_080737	SYTL4	synaptotagmin-like 4	ENST00000263033 -0,56332348
A_23_P317760	NM_173563	C6orf146	chromosome 6 open reading frame 146	ENST00000380188 -0,563497139
A_23_P101796	NM_033025	SYDE1	synapse defective 1, Rho GTPase, homolog 1 (C. elegans)	ENST00000342784 -0,563806608
A_21_P0004155	ENST00000503489	XLOC_004927		ENST00000503489 -0,56398142
A_21_P0013211	TCONS_I2_0002592	XLOC_I2_013437		-0,563995191
A_33_P3217307	ENST00000341885	ZBTB8OS	zinc finger and BTB domain containing 8 opposite strand	ENST00000341885 -0,5640161
A_32_P890614	NR_026682	LOC100268168	uncharacterized LOC100268168	-0,564084262
A_21_P0008863	TCONS_00024186	XLOC_011546		-0,564228063
A_23_P144549	NM_004967	IBSP	integrin-binding sialoprotein	ENST00000226284 -0,564349476
A_21_P0004901	TCONS_00011864	XLOC_005355		-0,56454259
A_21_P0002920	ENST00000418353	XLOC_003383		ENST00000418353 -0,564574365
A_23_P114883	NM_002023	FMOD	fibromodulin	ENST00000354955 -0,565337582

A_33_P3269134	ENST00000409725	IWS1	IWS1 homolog (<i>S. cerevisiae</i>)	ENST00000409725	-0,566137288
A_21_P0009457	TCONS_00026283	XLOC_012628			-0,566153471
A_23_P344194	NM_001013635	C12orf68	chromosome 12 open reading frame 68	ENST00000316554	-0,566211312
A_21_P0009900	ENST00000433587	XLOC_013729		ENST00000433587	-0,566332615
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,566424836
A_33_P3394065	ENST00000376565	PIP4K2A	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	ENST00000376565	-0,566857891
A_23_P28969	NM_176812	CHMP4B	charged multivesicular body protein 4B	ENST00000217402	-0,566904793
A_33_P3337554	NM_001163993	ABCB5	ATP-binding cassette, sub-family B (MDR/TAP), member 5	ENST00000406935	-0,566937623
A_33_P3390713	ENST00000377043	TMEM2	transmembrane protein 2	ENST00000377043	-0,566978745
A_21_P0011984	TCONS_I2_0001506!	XLOC_I2_008405			-0,567084848
A_33_P3805819	XR_110455	LOC100505890	uncharacterized LOC100505890	ENST00000449805	-0,567298675
A_23_P102864	NM_002772	TMPRSS15	transmembrane protease, serine 15	ENST00000284885	-0,56748904
A_21_P0005736	TCONS_00014799	XLOC_006874			-0,567697415
A_33_P3642217	BE875542	LINC00165	long intergenic non-protein coding RNA 165		-0,567915663
A_21_P0002815	ENST00000451348	XLOC_002950		ENST00000451348	-0,568434378
A_21_P0009742	TCONS_00027203	XLOC_013243			-0,568444954
A_21_P0001297	TCONS_00000942	XLOC_000194			-0,568830568
A_21_P0004247	THC2666140	XLOC_004366			-0,569027966
A_21_P0006583	TCONS_00017540	XLOC_008223			-0,569563632
A_23_P106933	NM_052956	ACSM1	acyl-CoA synthetase medium-chain family member 1	ENST00000520010	-0,56966315
A_33_P3832680	BC127791	FAM25C	family with sequence similarity 25, member C		-0,570125948
A_23_P329798	NM_005454	CER1	cerberus 1, cysteine knot superfamily, homolog (<i>Xenopus laevis</i>)	ENST00000380911	-0,57067142
A_33_P3299165	NR_033889	LOC440131	uncharacterized LOC440131	ENST00000380640	-0,570707804
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,571014846
A_21_P0004058	ENST00000509456	XLOC_004535		ENST00000509456	-0,571050702
A_32_P217390	NM_173499	SPATA8	spermatogenesis associated 8	ENST00000328504	-0,571751353
A_23_P252236	NM_000892	KLKB1	kallikrein B, plasma (Fletcher factor) 1	ENST00000511406	-0,571973112
A_21_P0010170	AB073349	XLOC_013985			-0,572221385
A_21_P0004053	ENST00000503320	XLOC_004527		ENST00000503320	-0,572422169

A_21_P0007205	TCONS_00019293	XLOC_009120			-0,572493309
A_21_P0004543	TCONS_00010852	XLOC_004669			-0,572559339
A_21_P0012110	THC2684837	XLOC_I2_008546			-0,572591845
A_23_P83498	NM_006546	IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1	ENST00000290341	-0,572710827
A_23_P11256	NM_138703	MAGEE2	melanoma antigen family E, 2	ENST00000373359	-0,572849152
A_21_P0001300	TCONS_00000949	XLOC_000205			-0,572897929
A_23_P111311	NM_144497	AKAP12	A kinase (PRKA) anchor protein 12	ENST00000253332	-0,573168551
A_21_P0002977	BX106648	XLOC_002707			-0,57323278
A_24_P299210	ENST00000262676	TTC39A	tetratricopeptide repeat domain 39A	ENST00000262676	-0,57337468
A_21_P0006162	DB077982	XLOC_007428			-0,573462474
A_21_P0007558	TCONS_00020424	XLOC_009752			-0,573608346
A_32_P169505	NM_001008537	KIAA2022	KIAA2022	ENST00000055682	-0,573628926
A_33_P3411682	ENST00000432771	TRIM49L2	tripartite motif containing 49-like 2	ENST00000432771	-0,573891091
A_21_P0008398	TCONS_00022642	XLOC_010945			-0,573908183
A_24_P297551	NM_178539	FAM19A2	family with sequence similarity 19 (chemokine (C-C motif)-li	ENST00000549379	-0,574381447
A_33_P3370714	NM_001166424	PGC	progastricsin (pepsinogen C)	ENST00000394278	-0,574383629
A_21_P0008600	TCONS_00023319	XLOC_011181			-0,574777774
A_23_P89249	NM_001005862	ERBB2	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2,	ENST00000406381	-0,575098994
A_21_P0002739	ENST00000412811	XLOC_002622		ENST00000412811	-0,575236812
A_23_P121614	NM_152291	MUC7	mucin 7, secreted	ENST00000413702	-0,575314334
A_21_P0003712	AA131780	XLOC_003854			-0,575339905
A_21_P0010093	TCONS_00028560	XLOC_013547			-0,575723382
A_33_P3319276	NM_001122646	FAM178B	family with sequence similarity 178, member B	ENST00000490605	-0,575949699
A_23_P139434	NM_006248	PRB2	proline-rich protein BstNI subfamily 2	ENST00000389362	-0,576085731
A_33_P3310929	NM_003474	ADAM12	ADAM metallopeptidase domain 12	ENST00000368679	-0,576848097
A_33_P3219384	NR_024385	LOC151300	uncharacterized LOC151300		-0,577344679
A_24_P292253	NM_030569	ITIH5	inter-alpha-trypsin inhibitor heavy chain family, member 5	ENST00000256861	-0,577656991
A_21_P0007598	TCONS_00020509	XLOC_009826			-0,578143652
A_23_P422212	NM_173508	SLC35F3	solute carrier family 35, member F3	ENST00000366617	-0,578189753

A_33_P3274930	ENST00000395936	PMP22	peripheral myelin protein 22	ENST00000395936	-0,578235541
A_33_P3235262	NM_001135219	PIP5KL1	phosphatidylinositol-4-phosphate 5-kinase-like 1	ENST00000300432	-0,578397817
A_19_P00315492	THC2614189	Q73P46			-0,578403189
A_33_P3418005	NM_001101357	CCDC160	coiled-coil domain containing 160	ENST00000370809	-0,578678578
A_21_P0009668	TCONS_00026839	XLOC_013235			-0,578701443
A_23_P94879	NM_000506	F2	coagulation factor II (thrombin)	ENST00000311907	-0,57906627
A_23_P217178	NM_005462	MAGEC1	melanoma antigen family C, 1	ENST00000285879	-0,579472003
A_33_P3220347	NM_001103176	CNPY1	canopy 1 homolog (zebrafish)	ENST00000321736	-0,579649645
A_21_P0006164	TCONS_00016036	XLOC_007431			-0,579673685
A_23_P106602	NM_031476	CRISPLD2	cysteine-rich secretory protein LCCL domain containing 2	ENST00000262424	-0,579687843
A_24_P139665	NM_016257	HPCAL4	hippocalcin like 4	ENST00000450300	-0,579743656
A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187	-0,579898376
A_23_P113553	NM_001011544	MAGEA11	melanoma antigen family A, 11	ENST00000355220	-0,580012081
A_33_P3249259	NM_198994	TGM6	transglutaminase 6	ENST00000202625	-0,580191949
A_21_P0003078	THC2635016	XLOC_002968			-0,580254855
A_23_P170541	NM_173092	KCNH6	potassium voltage-gated channel, subfamily H (eag-related)	ENST00000314672	-0,580346964
A_21_P0009790	TCONS_00027578	XLOC_013095			-0,580401134
A_33_P3345210	NM_001164407	TLCD2	TLC domain containing 2	ENST00000330676	-0,580430138
A_23_P114445	NM_020932	MAGEE1	melanoma antigen family E, 1	ENST00000361470	-0,580729251
A_33_P3400302	NR_001550	TTY18	testis-specific transcript, Y-linked 18 (non-protein coding)	ENST00000438677	-0,580804701
A_24_P231026	NM_014191	SCN8A	sodium channel, voltage gated, type VIII, alpha subunit	ENST00000357961	-0,580953426
A_33_P3225760	NM_019035	PCDH18	protocadherin 18	ENST00000412923	-0,580965122
A_21_P0013023	AK125083	RAB44	RAB44, member RAS oncogene family		-0,580982482
A_21_P0001362	TCONS_00001091	XLOC_000336			-0,581064186
A_21_P0006707	ENST00000445647	XLOC_008633		ENST00000445647	-0,581108628
A_21_P0007882	BC042465	XLOC_010123			-0,581369443
A_23_P112774	NM_032611	PTP4A3	protein tyrosine phosphatase type IVA, member 3	ENST00000520105	-0,581652532
A_23_P15450	NM_018286	TMEM100	transmembrane protein 100	ENST00000299377	-0,581688805
A_19_P00811706	NM_005578	LPP		ENST00000312675	-0,581871991

A_21_P0005462	TCONS_00013671	XLOC_006327				-0,582276099
A_21_P0010434	TCONS_00029667	XLOC_014332				-0,582844306
A_21_P0009348	TCONS_00025733	XLOC_012552				-0,583126644
A_23_P416178	NM_022742	CCDC136	coiled-coil domain containing 136	ENST00000471729		-0,583681311
A_21_P0006526	TCONS_00017291	XLOC_008111				-0,583782125
A_21_P0010700	ENST00000432922	XLOC_I2_000159		ENST00000432922		-0,58380844
A_24_P75157	NM_004610	TCP10	t-complex 10 homolog (mouse)	ENST00000464222		-0,584428085
A_21_P0007153	NR_026967	LOC143666	uncharacterized LOC143666			-0,584568699
A_23_P351837	NM_001039548	KLHL35	kelch-like 35 (Drosophila)	ENST00000460787		-0,584643432
A_21_P0011645	NR_024626	LINC00483	long intergenic non-protein coding RNA 483			-0,584680189
A_21_P0007551	TCONS_00020406	XLOC_009734				-0,584858804
A_19_P00318992	ENST00000483169	XLOC_010390		ENST00000483169		-0,585176469
A_33_P3248903	NM_058238	WNT7B	wingless-type MMTV integration site family, member 7B	ENST00000339464		-0,585365433
A_23_P108492	NM_138395	MARS2	methionyl-tRNA synthetase 2, mitochondrial	ENST00000499940		-0,585419079
A_33_P3417532	NM_001199799	ILDR1	immunoglobulin-like domain containing receptor 1	ENST00000344209		-0,585580414
A_33_P3352557	NM_032110	DMRTA2	DMRT-like family A2	ENST00000404795		-0,585948618
A_33_P3280916	NR_003141	SNHG4	small nucleolar RNA host gene 4 (non-protein coding)	ENST00000507692		-0,585958958
A_24_P417935	NR_027032	LOC100130776	uncharacterized LOC100130776	ENST00000542466		-0,586011334
A_19_P00315647	XR_110530	LOC100507165	uncharacterized LOC100507165			-0,586166178
A_23_P336663	NM_138817	SLC7A13	solute carrier family 7 (anionic amino acid transporter), member 13	ENST00000419776		-0,58638322
A_21_P0008079	ENST00000424524	XLOC_010422		ENST00000424524		-0,586405306
A_21_P0002539	THC2736923	XLOC_002478				-0,586534697
A_33_P3389678	NM_001077238	SPPL2B	signal peptide peptidase-like 2B	ENST00000452401		-0,586714956
A_33_P3370060	NM_001199417	ARHGAP23	Rho GTPase activating protein 23	ENST00000443378		-0,586945447
A_33_P3331335	NM_144993	TET3	tet methylcytosine dioxygenase 3	ENST00000233310		-0,586945659
A_23_P114445	NM_020932	MAGEE1	melanoma antigen family E, 1	ENST00000361470		-0,587753175
A_21_P0004776	ENST00000430672	XLOC_005827		ENST00000430672		-0,588280494
A_21_P0000446	NR_003325	SNORD116-10	small nucleolar RNA, C/D box 116-10			-0,58844219
A_33_P3234949	NM_017551	GRID1	glutamate receptor, ionotropic, delta 1	ENST00000464741		-0,589004873

A_21_P0005998	BC045688	XLOC_007280				-0,58903819
A_21_P0008276	ENST00000532515	XLOC_011043			ENST00000532515	-0,589394231
A_21_P0011593	ENST00000358337	WDR55	WD repeat domain 55		ENST00000358337	-0,590382188
A_32_P202013	NM_001039762	FAM196A	family with sequence similarity 196, member A		ENST00000522781	-0,591141717
A_21_P0001632	TCONS_00001839	XLOC_001224				-0,591718815
A_19_P00316743	NR_027103	LOC285375	uncharacterized LOC285375		ENST00000419618	-0,591936286
A_24_P362881	NM_018010	IFT57	intraflagellar transport 57 homolog (Chlamydomonas)		ENST00000264538	-0,592303758
A_21_P0006451	ENST00000433646	XLOC_008171			ENST00000433646	-0,592546294
A_21_P0002834	ENST00000420000	XLOC_003020			ENST00000420000	-0,592730155
A_21_P0004586	TCONS_00011095	XLOC_005088				-0,592917652
A_21_P0004877	TCONS_00011802	XLOC_005278				-0,593180854
A_21_P0003781	TCONS_00008605	XLOC_004111				-0,593262137
A_23_P83498	NM_006546	IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1		ENST00000290341	-0,593553341
A_24_P238250	NM_002307	LGALS7	lectin, galactoside-binding, soluble, 7		ENST00000314980	-0,593625241
A_21_P0000450	NR_003340	SNORD116-26	small nucleolar RNA, C/D box 116-26			-0,59363306
A_21_P0013985	XM_003119694	LOC100507494	uncharacterized LOC100507494			-0,594163066
A_21_P0003649	TCONS_00008218	XLOC_003680				-0,594169781
A_23_P416821	NM_152774	TMEM196	transmembrane protein 196		ENST00000433641	-0,59430998
A_24_P94402	NM_005378	MYCN	v-myc myelocytomatosis viral related oncogene, neuroblast		ENST00000281043	-0,594472727
A_24_P257511	NM_001713	BHMT	betaine--homocysteine S-methyltransferase		ENST00000436224	-0,595246982
A_21_P0010375	ENST00000440255	XLOC_014333			ENST00000440255	-0,595420647
A_33_P3463924	AF264626	LOC57399	uncharacterized gastric protein ZA52P			-0,59555956
A_21_P0000138	NM_001197238	BTN2A2	butyrophilin, subfamily 2, member A2		ENST00000469230	-0,596091232
A_21_P0010792	ENST00000438371	XLOC_I2_001382			ENST00000438371	-0,596496436
A_33_P3416612	NR_024100	LINC00323	long intergenic non-protein coding RNA 323		ENST00000441268	-0,5967476
A_23_P66881	NM_003835	RGS9	regulator of G-protein signaling 9		ENST00000262406	-0,59688681
A_21_P0011459	BC036249	XLOC_I2_005418				-0,597104395
A_21_P0005185	TCONS_00012833	XLOC_005939				-0,597569123
A_23_P358410	NM_014850	SRGAP3	SLIT-ROBO Rho GTPase activating protein 3		ENST00000360413	-0,597569389

A_23_P355447	NM_174976	ZDHC22	zinc finger, DHHC-type containing 22	ENST00000319374	-0,597687348
A_23_P110624	NM_001332	CTNND2	catenin (cadherin-associated protein), delta 2 (neural plako	ENST00000538638	-0,597969826
A_21_P0000903	NR_040111	LOC100505782	uncharacterized LOC100505782	ENST00000430006	-0,598957185
A_33_P3228902	AK125136	LOC100133306	uncharacterized LOC100133306		-0,600432122
A_33_P3325665	BC109228	JPH4	junctophilin 4		-0,600511785
A_21_P0013711	ENST00000443993	XLOC_l2_015038		ENST00000443993	-0,600913134
A_21_P0010011	TCONS_00028329	XLOC_013680			-0,601784607
A_24_P944964	NM_004488	GP5	glycoprotein V (platelet)	ENST00000401815	-0,602943381
A_23_P110266	NM_024574	NDNF	neuron-derived neurotrophic factor	ENST00000379692	-0,603225435
A_21_P0003105	TCONS_00006452	XLOC_003062			-0,603497843
A_21_P0000939	XR_109346	LOC100505909	uncharacterized LOC100505909	ENST00000522481	-0,603586644
A_23_P59613	NM_003508	FZD9	frizzled family receptor 9	ENST00000344575	-0,603808468
A_23_P211039	NM_006988	ADAMTS1	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000464589	-0,604441866
A_21_P0005175	TCONS_00012773	XLOC_005808			-0,604704056
A_21_P0006700	ENST00000424701	XLOC_008603		ENST00000424701	-0,604879911
A_19_P00318559	CQ819097	XLOC_004323			-0,604939923
A_23_P111517	NM_022479	WBSCR17	Williams-Beuren syndrome chromosome region 17	ENST00000467723	-0,605215695
A_33_P3414187	NM_054030	MRGPRX2	MAS-related GPR, member X2	ENST00000329773	-0,605335619
A_23_P115780	NM_015613	LRIT1	leucine-rich repeat, immunoglobulin-like and transmembral	ENST00000372105	-0,605635622
A_33_P3301915	NM_201286	USP51	ubiquitin specific peptidase 51	ENST00000500968	-0,606096053
A_23_P420236	NM_203487	PCDH9	protocadherin 9	ENST00000456367	-0,606326061
A_21_P0007416	TCONS_00019792	XLOC_009592			-0,606382598
A_33_P3284045	NM_199347	NEK10	NIMA (never in mitosis gene a)- related kinase 10	ENST00000341435	-0,606421514
A_21_P0003976	ENST00000504998	XLOC_004309		ENST00000504998	-0,60662932
A_33_P3356004	NR_027287	UCKL1-AS1	UCKL1 antisense RNA 1 (non-protein coding)		-0,607175417
A_33_P3239579	NR_034014	LOC100131060	uncharacterized LOC100131060		-0,607626537
A_24_P42624	NM_003728	UNC5C	unc-5 homolog C (C. elegans)	ENST00000331502	-0,607933141
A_33_P3240757	NM_001542	IGSF3	immunoglobulin superfamily, member 3	ENST00000318837	-0,608370557
A_23_P114445	NM_020932	MAGEE1	melanoma antigen family E, 1	ENST00000361470	-0,608427456

A_23_P111662	NM_178559	ABCB5	ATP-binding cassette, sub-family B (MDR/TAP), member 5	ENST00000258738	-0,6086887
A_21_P0007620	TCONS_00020550	XLOC_009863			-0,608785489
A_21_P0003495	ENST00000416680	XLOC_004051		ENST00000416680	-0,6092543
A_21_P0004867	TCONS_00011755	XLOC_005217			-0,609335639
A_23_P135742	NR_027693	C1orf170	chromosome 1 open reading frame 170	ENST00000479361	-0,609363479
A_21_P0003351	ENST00000503465	XLOC_003509		ENST00000503465	-0,609667871
A_21_P0000520	NR_027081	LOC100271831	uncharacterized LOC100271831		-0,609885735
A_33_P3365646	AK126077	LOC100128437	uncharacterized LOC100128437		-0,609906914
A_21_P0009183	ENST00000442532	XLOC_012338		ENST00000442532	-0,609930807
A_23_P102864	NM_002772	TMPRSS15	transmembrane protease, serine 15	ENST00000284885	-0,609997692
A_21_P0005660	THC2736788	XLOC_006723			-0,61018751
A_23_P427122	NM_053017	ART5	ADP-ribosyltransferase 5	ENST00000359918	-0,610227863
A_33_P3412658	NR_045118	LOC100289509	uncharacterized LOC100289509		-0,610310842
A_23_P250302	NM_001837	CCR3	chemokine (C-C motif) receptor 3	ENST00000357422	-0,610411008
A_33_P3368388	NM_178452	DNAAF1	dynein, axonemal, assembly factor 1	ENST00000334315	-0,61041244
A_23_P28224	NM_006920	SCN1A	sodium channel, voltage-gated, type I, alpha subunit	ENST00000303395	-0,610912718
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,611500857
A_23_P37167	NM_002471	MYH6	myosin, heavy chain 6, cardiac muscle, alpha	ENST00000356287	-0,611811424
A_33_P3248004	XR_109047	FLJ41423	uncharacterized LOC399886		-0,612165337
A_23_P83498	NM_006546	IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1	ENST00000290341	-0,612462683
A_21_P0006961	TCONS_00018421	XLOC_008710			-0,612551769
A_21_P0014872	XR_132769	LOC100505923	uncharacterized LOC100505923		-0,612587839
A_23_P331235	NM_178569	C5orf38	chromosome 5 open reading frame 38	ENST00000334000	-0,612606257
A_33_P3378051	NM_178123	SESTD1	SEC14 and spectrin domains 1		-0,613503327
A_33_P3279600	NM_000145	FSHR	follicle stimulating hormone receptor	ENST00000406846	-0,613514159
A_23_P360079	NM_207363	NCKAP5	NCK-associated protein 5	ENST00000537661	-0,613523095
A_23_P110266	NM_024574	NDNF	neuron-derived neurotrophic factor	ENST00000379692	-0,613564773
A_21_P0009999	TCONS_00028299	XLOC_013639			-0,613827027
A_33_P3400903	NR_002227	DISC2	disrupted in schizophrenia 2 (non-protein coding)		-0,614011199

A_24_P124370	NM_018222	PARVA	parvin, alpha	ENST00000550549	-0,614074139
A_21_P0010339	DB069106	XLOC_014137			-0,614080913
A_23_P120243	NM_024501	HOXD1	homeobox D1	ENST00000375170	-0,614134719
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,614714165
A_33_P3815935	BG220668	TMEM50B	transmembrane protein 50B		-0,615499864
A_21_P0006225	TCONS_00016155	XLOC_007562			-0,616143146
A_23_P78353	NM_005925	MEP1B	mepirin A, beta	ENST00000269202	-0,616438927
A_23_P74828	NM_030772	GJA9	gap junction protein, alpha 9, 59kDa	ENST00000360786	-0,616524042
A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187	-0,617122935
A_21_P0003558	TCONS_00007955	XLOC_003422			-0,617536029
A_33_P3237669	NM_144688	CCDC155	coiled-coil domain containing 155	ENST00000447857	-0,617728333
A_33_P3238484	NM_014974	DIP2C	DIP2 disco-interacting protein 2 homolog C (Drosophila)	ENST00000381496	-0,617796798
A_32_P232214	NM_001194986	LOC388630	UPF0632 protein A	ENST00000371865	-0,61797249
A_33_P3423504	ENST00000329538	MAGEB17	melanoma antigen family B, 17	ENST00000329538	-0,618411807
A_23_P114445	NM_020932	MAGEE1	melanoma antigen family E, 1	ENST00000361470	-0,618750229
A_33_P3320643	NR_026555	GDEP	gene differentially expressed in prostate	ENST00000504263	-0,618812318
A_33_P3269636	NM_001166034	SBSN	suprabasin	ENST00000518157	-0,619503853
A_23_P61778	NM_022463	NXN	nucleoredoxin	ENST00000336868	-0,620457054
A_21_P0011567	ENST00000440522	XLOC_l2_005988		ENST00000440522	-0,620621704
A_23_P369237	NM_004797	ADIPOQ	adiponectin, C1Q and collagen domain containing	ENST00000412955	-0,620840068
A_21_P0010102	TCONS_00028595	XLOC_013614			-0,621069196
A_33_P3289123	NM_033403	DCLK3	doublecortin-like kinase 3	ENST00000416516	-0,621662938
A_24_P732099	NR_001589	HBBP1	hemoglobin, beta pseudogene 1	ENST00000454892	-0,622034212
A_32_P114746	NM_182581	C1orf111	chromosome 1 open reading frame 111	ENST00000367935	-0,622264556
A_23_P110052	NM_023067	FOXL2	forkhead box L2	ENST00000542203	-0,62249658
A_23_P113553	NM_001011544	MAGEA11	melanoma antigen family A, 11	ENST00000355220	-0,622654019
A_21_P0004120	ENST00000507251	XLOC_004773		ENST00000507251	-0,622747674
A_23_P70213	NM_000038	APC	adenomatous polyposis coli	ENST00000508376	-0,622977878
A_21_P0007842	ENST00000549993	XLOC_009813		ENST00000549993	-0,623137383

A_32_P160563	NM_001012393	OPCML	opioid binding protein/cell adhesion molecule-like	ENST00000524381	-0,623395597
A_23_P59654	NM_022150	NPVF	neuropeptide VF precursor	ENST00000222674	-0,623610343
A_21_P0011662	BC035184	LOC647946	uncharacterized LOC647946		-0,623982599
A_33_P3870906	NR_038320	LOC100507634	uncharacterized LOC100507634		-0,625794468
A_23_P11800	NM_018584	CAMK2N1	calcium/calmodulin-dependent protein kinase II inhibitor 1	ENST00000375078	-0,625972683
A_24_P128163	ENST00000367995	ADAMTS4	ADAM metallopeptidase with thrombospondin type 1 motif	ENST00000367995	-0,626437256
A_21_P0003518	ENST00000514347	XLOC_004102		ENST00000514347	-0,627240744
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,627527908
A_33_P3268892	NM_001190468	GDNF	glial cell derived neurotrophic factor	ENST00000326524	-0,627545673
A_21_P0007874	ENST00000552634	XLOC_010061		ENST00000552634	-0,627548484
A_23_P153986	NM_002239	KCNJ3	potassium inwardly-rectifying channel, subfamily J, member	ENST00000295101	-0,627640109
A_33_P3261520	ENST00000508366	ATP6AP1L	ATPase, H ⁺ transporting, lysosomal accessory protein 1-like	ENST00000508366	-0,627902794
A_24_P281439	NM_001004697	OR2T5	olfactory receptor, family 2, subfamily T, member 5	ENST00000328570	-0,628214921
A_23_P103349	NM_022375	OCLM	oculomedin		-0,628602824
A_21_P0011646	NR_033876	LINC00511	long intergenic non-protein coding RNA 511		-0,628606039
A_21_P0011701	TCONS_I2_0001261	XLOC_I2_006780			-0,628795586
A_21_P0001275	TCONS_00000873	XLOC_000111			-0,62892529
A_23_P114445	NM_020932	MAGEE1	melanoma antigen family E, 1	ENST00000361470	-0,629487251
A_23_P388331	NM_001187	BAGE	B melanoma antigen		-0,629648348
A_24_P369656	NM_052978	TRIM9	tripartite motif containing 9	ENST00000360392	-0,629717729
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,630392657
A_23_P57248	NM_001145350	C20orf173	chromosome 20 open reading frame 173	ENST00000246199	-0,632079462
A_23_P324813	NM_181844	BCL6B	B-cell CLL/lymphoma 6, member B	ENST00000293805	-0,632115617
A_24_P397903	NM_016010	FAM164A	family with sequence similarity 164, member A		-0,63221221
A_24_P690811	NM_001024656	ASPDH	aspartate dehydrogenase domain containing	ENST00000376916	-0,632487249
A_24_P355626	NM_022169	ABCG4	ATP-binding cassette, sub-family G (WHITE), member 4	ENST00000307417	-0,632500966
A_21_P0002116	ENST00000421624	XLOC_002356		ENST00000421624	-0,632515612
A_21_P0004949	ENST00000456896	XLOC_005485		ENST00000456896	-0,633258697
A_23_P116640	NM_033180	OR51B2	olfactory receptor, family 51, subfamily B, member 2	ENST00000328813	-0,633436686

A_33_P3237854	NR_027012	LINC00293	long intergenic non-protein coding RNA 293		-0,633738806
A_24_P224966	NM_000085	CLCNKB	chloride channel Kb	ENST00000331579	-0,633896935
A_23_P114445	NM_020932	MAGEE1	melanoma antigen family E, 1	ENST00000361470	-0,634098878
A_33_P3320832	NM_001011717	NMS	neuromedin S	ENST00000376865	-0,634355649
A_21_P0006763	ENST00000444155	XLOC_008826		ENST00000444155	-0,634912012
A_33_P3389713	NM_001004730	OR5AR1	olfactory receptor, family 5, subfamily AR, member 1	ENST00000302969	-0,635368729
A_24_P170726	AK094407	LOC645427	uncharacterized LOC645427		-0,636207479
A_33_P3367889	AK126078	LOC100130657	uncharacterized LOC100130657		-0,636243045
A_21_P0009922	ENST00000420710	XLOC_013828		ENST00000420710	-0,636544199
A_24_P65121	NM_001040655	TTC23	tetratricopeptide repeat domain 23	ENST00000394130	-0,636725032
A_33_P3236628	ENST00000378196	BCKDHA	branched chain keto acid dehydrogenase E1, alpha polypep	ENST00000378196	-0,637156694
A_32_P701268	NM_053002	MED12L	mediator complex subunit 12-like	ENST00000474524	-0,637339871
A_33_P3229467	NM_004760	STK17A	serine/threonine kinase 17a		-0,637436714
A_33_P3337318	ENST00000490912	HNRNPA2B1	heterogeneous nuclear ribonucleoprotein A2/B1	ENST00000490912	-0,638286789
A_21_P0010292	TCONS_00029165	XLOC_014105			-0,638654341
A_21_P0010692	NR_027504	MST1P2	macrophage stimulating 1 (hepatocyte growth factor-like) p	ENST00000492370	-0,639157738
A_23_P83498	NM_006546	IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1	ENST00000290341	-0,639310864
A_33_P3407529	NM_001174164	PRRT4	proline-rich transmembrane protein 4	ENST00000446477	-0,639897566
A_21_P0006117	TCONS_00015901	XLOC_007262			-0,640125237
A_23_P113553	NM_001011544	MAGEA11	melanoma antigen family A, 11	ENST00000355220	-0,640544684
A_33_P3329088	NM_002773	PRSS8	protease, serine, 8	ENST00000317508	-0,642106389
A_21_P0009226	TCONS_00025320	XLOC_012126			-0,642461065
A_21_P0004353	XR_108581	LOC100506858	uncharacterized LOC100506858		-0,642575877
A_21_P0008260	DA144211	XLOC_010670			-0,642721652
A_23_P114445	NM_020932	MAGEE1	melanoma antigen family E, 1	ENST00000361470	-0,642742548
A_24_P333697	NM_015596	KLK13	kallikrein-related peptidase 13	ENST00000376799	-0,642800038
A_33_P3272399	AK094407	LOC645427	uncharacterized LOC645427		-0,643229721
A_33_P3386237	XR_109319	LOC100132529	uncharacterized LOC100132529		-0,643556876
A_23_P167121	NM_000807	GABRA2	gamma-aminobutyric acid (GABA) A receptor, alpha 2	ENST00000510233	-0,643630178

A_21_P0004884	TCONS_00011819	XLOC_005302				-0,643883704
A_33_P3286873	ENST00000483825	CD247	CD247 molecule		ENST00000483825	-0,644315476
A_21_P0006890	TCONS_00018268	XLOC_008549				-0,644626057
A_21_P0006600	TCONS_00017630	XLOC_008282				-0,644797845
A_23_P46879	NM_000936	PNLIP	pancreatic lipase		ENST00000369221	-0,644979309
A_21_P0010027	TCONS_00028351	XLOC_013702				-0,645141233
A_19_P00319534	NR_022008	PAR5				-0,645738337
A_33_P3390723	ENST00000377055	TMEM2	transmembrane protein 2		ENST00000377055	-0,645779032
A_33_P3317628	NM_007183	PKP3	plakophilin 3		ENST00000331563	-0,645995695
A_21_P0001306	TCONS_00000956	XLOC_000214				-0,646056539
A_21_P0007052	NR_026794	LOC731789	uncharacterized LOC731789			-0,646375798
A_33_P3263212	NM_020794	LRRC7	leucine rich repeat containing 7		ENST00000310961	-0,646637758
A_21_P0014340	XR_109346	LOC100505909	uncharacterized LOC100505909			-0,647112163
A_23_P153183	NM_001168648	CNKS2	connector enhancer of kinase suppressor of Ras 2		ENST00000279451	-0,647344138
A_21_P0009762	TCONS_00027298	XLOC_013298				-0,647455006
A_23_P2616	NM_130441	CLEC4C	C-type lectin domain family 4, member C		ENST00000360345	-0,647662638
A_21_P0007781	TCONS_00020971	XLOC_010241				-0,648169848
A_23_P380871	NM_001040703	DEFB105B	defensin, beta 105B		ENST00000335510	-0,648605977
A_33_P3332150	NM_203454	APOBEC4	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 4 (putative)			-0,648731148
A_21_P0003678	TCONS_00008328	XLOC_003782				-0,648853947
A_21_P0009466	DB516369	XLOC_012642				-0,649788348
A_21_P0009452	TCONS_00026275	XLOC_012622				-0,650303499
A_33_P3315719	NM_172069	PLEKHH2	pleckstrin homology domain containing, family H (with MyT		ENST00000405000	-0,651113529
A_23_P110266	NM_024574	NDNF	neuron-derived neurotrophic factor		ENST00000379692	-0,651126324
A_21_P0010584	TCONS_I2_0000092	XLOC_I2_000696				-0,65142453
A_33_P3420224	NM_001033113	ENTPD8	ectonucleoside triphosphate diphosphohydrolase 8		ENST00000461823	-0,652103794
A_23_P369237	NM_004797	ADIPOQ	adiponectin, C1Q and collagen domain containing		ENST00000412955	-0,6522023
A_23_P369237	NM_004797	ADIPOQ	adiponectin, C1Q and collagen domain containing		ENST00000412955	-0,654975405
A_19_P00319276	TCONS_00028710	XLOC_013812				-0,655252326

A_33_P3249449	NM_001013407	PRAMEF5	PRAME family member 5	ENST00000376168	-0,655269396
A_23_P92536	NM_000087	CNGA1	cyclic nucleotide gated channel alpha 1	ENST00000420489	-0,655404745
A_24_P162273	NR_024507	TTL	tubulin tyrosine ligase		-0,655948726
A_23_P101319	NM_152354	ZNF285	zinc finger protein 285	ENST00000544719	-0,656909291
A_21_P0012091	ENST00000438056	XLOC_I2_008261		ENST00000438056	-0,657103842
A_33_P3249072	ENST00000370642	HOGA1	4-hydroxy-2-oxoglutarate aldolase 1	ENST00000370642	-0,65754208
A_23_P39454	NM_024967	ZNF556	zinc finger protein 556	ENST00000307635	-0,657714243
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,657791975
A_33_P3341841	NM_001004312	RTP2	receptor (chemosensory) transporter protein 2	ENST00000358241	-0,658008279
A_21_P0012359	ENST00000423311	XLOC_I2_009539		ENST00000423311	-0,658582963
A_24_P260443	NM_003248	THBS4	thrombospondin 4	ENST00000511888	-0,658640994
A_23_P114445	NM_020932	MAGEE1	melanoma antigen family E, 1	ENST00000361470	-0,658785001
A_21_P0007777	TCONS_00020966	XLOC_010235			-0,659302072
A_21_P0000733	NR_038239	LOC100507629	uncharacterized LOC100507629	ENST00000420529	-0,659748672
A_33_P3397955	NR_002808	ITPK1-AS1	ITPK1 antisense RNA 1 (non-protein coding)	ENST00000553639	-0,659758259
A_23_P393051	NM_152365	C1orf172	chromosome 1 open reading frame 172	ENST00000374109	-0,65982779
A_21_P0012130	TCONS_I2_0001636	XLOC_I2_008692			-0,660001491
A_21_P0011716	TCONS_I2_0001271	XLOC_I2_006832			-0,660234488
A_21_P0006684	ENST00000415746	XLOC_008508		ENST00000415746	-0,660539127
A_21_P0005892	TCONS_00015147	XLOC_007190			-0,660645632
A_33_P3373308	NR_036683	LOC440700	carbonic anhydrase XIV (CA14) pseudogene	ENST00000400982	-0,661701973
A_21_P0004027	ENST00000503691	XLOC_004464		ENST00000503691	-0,661924078
A_33_P3217357	XR_110140	LOC100132501	uncharacterized LOC100132501		-0,661932993
A_23_P151232	NM_001136103	TMEM132C	transmembrane protein 132C	ENST00000435159	-0,662644304
A_21_P0012772	ENST00000514877	XLOC_I2_011095		ENST00000514877	-0,662831593
A_21_P0007583	TCONS_00020475	XLOC_009808			-0,66340235
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,664096068
A_33_P3330443	NM_147189	FAM110B	family with sequence similarity 110, member B		-0,665582988
A_21_P0004607	AK093403	XLOC_005570			-0,665634172

A_23_P1352	NM_003015	SFRP5	secreted frizzled-related protein 5	ENST00000266066	-0,666365346
A_33_P3320077	ENST00000380924	NFIB	nuclear factor I/B	ENST00000380924	-0,666497763
A_33_P3286980	NM_001105662	USP17	ubiquitin specific peptidase 17	ENST00000421288	-0,666623957
A_33_P3221723	NM_013244	MGAT4C	mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucos	ENST00000547225	-0,667031402
A_33_P3350858	XM_003403456	LOC100652857	transmembrane and coiled-coil domain-containing protein 5B-like		-0,667479732
A_23_P107116	NM_007148	RNF112	ring finger protein 112		-0,668175518
A_21_P0008009	THC2516791	XLOC_010683			-0,668192814
A_21_P0002121	ENST00000440016	XLOC_002403		ENST00000440016	-0,668331678
A_21_P0004788	ENST00000417838	XLOC_005870		ENST00000417838	-0,668344158
A_32_P52519	NM_170664	OTOA	otoancorin	ENST00000550753	-0,668385792
A_33_P3416787	XR_132931	LOC100653080	zinc finger protein 182-like		-0,669114071
A_21_P0003576	TCONS_00007997	XLOC_003460			-0,669142294
A_21_P0002332	TCONS_00003973	XLOC_001787			-0,669486489
A_21_P0013710	TCONS_I2_0002986	XLOC_I2_015037			-0,669589952
A_33_P3369920	AK124574	LOC100128402	uncharacterized LOC100128402		-0,670116751
A_23_P100189	NM_002761	PRM1	protamine 1	ENST00000312511	-0,6711110032
A_21_P0014031	NM_001123066	MAPT	microtubule-associated protein tau	ENST00000354326	-0,671292603
A_23_P102864	NM_002772	TMPRSS15	transmembrane protease, serine 15	ENST00000284885	-0,671422974
A_23_P405878	NM_152319	C12orf54	chromosome 12 open reading frame 54	ENST00000380491	-0,67144022
A_19_P00316035	TCONS_I2_0001243	XLOC_I2_006675			-0,671600409
A_33_P3550894	NM_001145661	GATA2	GATA binding protein 2	ENST00000430265	-0,671646947
A_21_P0010560	TCONS_I2_0000059	XLOC_I2_000423			-0,672200958
A_21_P0000704	NR_037897	FLJ38109	uncharacterized LOC386627		-0,672419425
A_33_P3282075	NM_199262	SP6	Sp6 transcription factor	ENST00000536300	-0,672445763
A_33_P3260563	NM_007017	SOX30	SRY (sex determining region Y)-box 30	ENST00000311371	-0,672672614
A_33_P3333342	AK128409	FLJ46552	FLJ46552 protein		-0,672714871
A_23_P407654	NM_173564	C7orf51	chromosome 7 open reading frame 51	ENST00000423930	-0,673194183
A_21_P0007483	ENST00000539019	SSPN	sarcospan (Kras oncogene-associated gene)	ENST00000539019	-0,674217666
A_21_P0010279	TCONS_00029125	XLOC_014072			-0,674297343

A_33_P3284345	NM_004495	NRG1	neuregulin 1	ENST00000522569	-0,674419251
A_24_P235338	NM_007332	TRPA1	transient receptor potential cation channel, subfamily A, m	ENST00000262209	-0,674778815
A_21_P0010634	TCONS_I2_0000139	XLOC_I2_001011			-0,67491366
A_21_P0014854	XR_132737	LOC100652889	uncharacterized LOC100652889		-0,676084466
A_21_P0010524	TCONS_I2_0000017	XLOC_I2_000116			-0,677181831
A_21_P0012324	ENST00000444848	XLOC_I2_009363		ENST00000444848	-0,677207638
A_21_P0002523	TCONS_00004502	XLOC_002401			-0,677281036
A_21_P0013545	DA808148	XLOC_I2_014686			-0,677474692
A_23_P11070	NM_032553	GPR174	G protein-coupled receptor 174	ENST00000276077	-0,677521373
A_19_P00322655	NR_036444	LOC400550	uncharacterized LOC400550		-0,677811051
A_19_P00322397	NR_036444	LOC400550	uncharacterized LOC400550		-0,678561989
A_21_P0004437	THC2720758	XLOC_004982			-0,678903946
A_23_P110052	NM_023067	FOXL2	forkhead box L2	ENST00000542203	-0,678933173
A_23_P127418	NM_005959	MTNR1B	melatonin receptor 1B	ENST00000257068	-0,679532744
A_23_P161331	NM_033056	PCDH15	protocadherin-related 15	ENST00000417177	-0,680528612
A_19_P00319213	ENST00000557155	XLOC_010889		ENST00000557155	-0,681761761
A_23_P107116	NM_007148	RNF112	ring finger protein 112		-0,682168767
A_32_P94160	NM_006252	PRKAA2	protein kinase, AMP-activated, alpha 2 catalytic subunit	ENST00000371244	-0,68263309
A_21_P0006170	TCONS_00016042	XLOC_007438			-0,682677232
A_21_P0002429	TCONS_00004223	XLOC_002066			-0,682720902
A_23_P388220	NM_173848	RALYL	RALY RNA binding protein-like	ENST00000521268	-0,68315141
A_33_P3229678	XM_003119812	LOC100509378	uncharacterized LOC100509378		-0,683155402
A_23_P423237	NM_000231	SGCG	sarcoglycan, gamma (35kDa dystrophin-associated glycoprc	ENST00000537476	-0,683378465
A_33_P3258607	NM_001004352	LOC100506422	putative deoxyridine 5'-triphosphate nucleotidohydrolase-like protein FLJ16323		-0,683837539
A_21_P0003587	THC2715285	XLOC_003481			-0,683865962
A_23_P218369	NM_032963	CCL14	chemokine (C-C motif) ligand 14	ENST00000536149	-0,685442754
A_21_P0007288	TCONS_00019506	XLOC_009305			-0,685954032
A_23_P108673	NM_032181	FAM176A	family with sequence similarity 176, member A	ENST00000410113	-0,687051946
A_21_P0003931	NR_027180	MIR143HG	MIR143 host gene (non-protein coding)		-0,687098375

A_21_P0010813	ENST00000450890	XLOC_I2_001537		ENST00000450890	-0,687288077
A_19_P00805942	NM_020949	SLC7A14	solute carrier family 7 (orphan transporter), member 14		-0,687937908
A_21_P0003708	TCONS_00008392	XLOC_003842			-0,687951362
A_33_P3461416	NM_001083899	GP6	glycoprotein VI (platelet)	ENST00000310373	-0,688246659
A_21_P0003084	TCONS_00006357	XLOC_002976			-0,688432107
A_33_P3305088	AK126633	LOC100129840	uncharacterized LOC100129840		-0,688557662
A_21_P0002437	TCONS_00005144	XLOC_002085			-0,688716059
A_23_P47168	NM_013280	FLRT1	fibronectin leucine rich transmembrane protein 1	ENST00000246841	-0,688758698
A_23_P305977	NM_001012642	GRAMD2	GRAM domain containing 2	ENST00000309731	-0,68881122
A_21_P0000453	NR_003352	SNORD115-37	small nucleolar RNA, C/D box 115-37		-0,689079634
A_23_P103349	NM_022375	OCLM	oculomedin		-0,689748987
A_21_P0008770	TCONS_00023767	XLOC_011564			-0,690011276
A_21_P0012272	TCONS_I2_0001783	XLOC_I2_009439			-0,69028509
A_21_P0006564	NR_003255	TSIX	TSIX transcript, XIST antisense RNA (non-protein coding)		-0,690571424
A_21_P0009522	TCONS_00026411	XLOC_012754			-0,6915941
A_33_P3414192	NM_001206572	SORCS1	sortilin-related VPS10 domain containing receptor 1	ENST00000369698	-0,691637851
A_21_P0002149	ENST00000457178	XLOC_002542		ENST00000457178	-0,691665767
A_33_P3385782	NM_182633	ZNF713	zinc finger protein 713	ENST00000429591	-0,691994208
A_23_P32805	NM_017551	GRID1	glutamate receptor, ionotropic, delta 1	ENST00000464741	-0,692021741
A_23_P103703	NM_014424	HSPB7	heat shock 27kDa protein family, member 7 (cardiovascular	ENST00000375714	-0,692573026
A_19_P00800229	TCONS_00024662	XLOC_011950			-0,69316022
A_21_P0002450	TCONS_00004279	XLOC_002117			-0,695477938
A_33_P3357182	ENST00000380188	C6orf146	chromosome 6 open reading frame 146	ENST00000380188	-0,696011086
A_23_P107116	NM_007148	RNF112	ring finger protein 112		-0,696349281
A_24_P118196	NM_001080393	GXYLT2	glucoside xylosyltransferase 2	ENST00000389617	-0,696896672
A_21_P0004101	ENST00000503953	XLOC_004735		ENST00000503953	-0,698210912
A_23_P110052	NM_023067	FOXL2	forkhead box L2	ENST00000542203	-0,698236921
A_23_P110266	NM_024574	NDNF	neuron-derived neurotrophic factor	ENST00000379692	-0,698741205
A_21_P0012791	ENST00000509671	XLOC_I2_011255		ENST00000509671	-0,698880537

A_33_P3282698	ENST00000492538	GNAZ	guanine nucleotide binding protein (G protein), alpha z poly	ENST00000492538	-0,700450821
A_33_P3889862	NR_040038	LOC151475	uncharacterized LOC151475	ENST00000415174	-0,700507482
A_23_P110319	NM_025087	CWH43	cell wall biogenesis 43 C-terminal homolog (<i>S. cerevisiae</i>)	ENST00000226432	-0,700733239
A_19_P00810491	ENST00000457669	XLOC_014068		ENST00000457669	-0,700784328
A_33_P3325748	NM_138632	TRIOBP	TRIO and F-actin binding protein	ENST00000407319	-0,701159959
A_21_P0013277	TCONS_I2_0002626	XLOC_I2_013646			-0,702750777
A_21_P0014731	XR_113052	LOC100508633	uncharacterized LOC100508633		-0,703159746
A_23_P166438	NM_030642	APOL5	apolipoprotein L, 5	ENST00000249044	-0,704800073
A_23_P44867	NM_016519	AMBN	ameloblastin (enamel matrix protein)	ENST00000449493	-0,704994661
A_24_P920646	BC035714	CYP19A1	cytochrome P450, family 19, subfamily A, polypeptide 1	ENST00000405913	-0,70538122
A_21_P0008536	TCONS_00023112	XLOC_011038			-0,70554801
A_21_P0009789	TCONS_00027541	XLOC_013072			-0,705715226
A_23_P121665	NM_020777	SORCS2	sortilin-related VPS10 domain containing receptor 2	ENST00000507866	-0,706230463
A_21_P0000843	NR_038930	LOC100507250	uncharacterized LOC100507250		-0,706692903
A_24_P367496	AK124894	LOC100131650	uncharacterized LOC100131650		-0,706944843
A_32_P149060	NR_024092	C21orf71	chromosome 21 open reading frame 71		-0,706972881
A_21_P0012512	ENST00000496247	XLOC_I2_009986		ENST00000496247	-0,707660075
A_33_P3891747	AK095403	LOC284072	uncharacterized LOC284072		-0,70865261
A_21_P0011794	TCONS_I2_0001350	XLOC_I2_007237			-0,708693848
A_33_P3231631	NM_001005216	OR2J3	olfactory receptor, family 2, subfamily J, member 3	ENST00000377169	-0,709417858
A_23_P37994	NM_016212	TP53TG3	TP53 target 3	ENST00000398682	-0,709742112
A_23_P113553	NM_001011544	MAGEA11	melanoma antigen family A, 11	ENST00000355220	-0,709808285
A_21_P0003747	TCONS_00008503	XLOC_003982			-0,709847301
A_24_P164505	NR_026810	FAM106CP	family with sequence similarity 106, member C pseudogene	ENST00000392176	-0,710437713
A_33_P3304157	NM_001858	COL19A1	collagen, type XIX, alpha 1	ENST00000322773	-0,710506081
A_21_P0008839	TCONS_00024008	XLOC_011354			-0,711041657
A_33_P3360167	NM_001004731	OR5AU1	olfactory receptor, family 5, subfamily AU, member 1	ENST00000304418	-0,711411838
A_21_P0008793	BX119465	XLOC_011596			-0,711667476
A_33_P3412767	NM_032184	SYDE2	synapse defective 1, Rho GTPase, homolog 2 (<i>C. elegans</i>)	ENST00000341460	-0,711707661

A_21_P0008285	TCONS_00022389	XLOC_010754				-0,712920261
A_21_P0004306	TCONS_00010108	XLOC_004576				-0,713180294
A_21_P0005559	TCONS_00014122	XLOC_006073				-0,713645109
A_23_P128503	NM_018402	IL26	interleukin 26	ENST00000229134		-0,714000847
A_23_P114353	NM_032946	NXF5	nuclear RNA export factor 5	ENST00000263032		-0,714722612
A_21_P0008842	TCONS_00024034	XLOC_011397				-0,715556108
A_21_P0003457	ENST00000509666	XLOC_003916		ENST00000509666		-0,716036328
A_23_P355980	ENST00000413302	P2RX6	purinergic receptor P2X, ligand-gated ion channel, 6	ENST00000413302		-0,716595328
A_33_P3263569	NM_152763	AKNAD1	AKNA domain containing 1	ENST00000474186		-0,717417329
A_23_P83498	NM_006546	IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1	ENST00000290341		-0,717697751
A_23_P93169	NM_016571	LGSN	lensin, lens protein with glutamine synthetase domain	ENST00000370657		-0,717743287
A_21_P0007561	TCONS_00020434	XLOC_009764				-0,717788749
A_23_P211417	NM_021026	RFPL1	ret finger protein-like 1	ENST00000354373		-0,718040793
A_23_P83498	NM_006546	IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1	ENST00000290341		-0,718145693
A_33_P3310274	ENST00000420582	LGR6	leucine-rich repeat containing G protein-coupled receptor 6	ENST00000420582		-0,718209778
A_21_P0004298	TCONS_00010095	XLOC_004554				-0,718289737
A_21_P0008520	TCONS_00023036	XLOC_010908				-0,719058771
A_21_P0014719	XR_112623	LOC100507930	uncharacterized LOC100507930			-0,719235669
A_23_P61524	NM_022903	CCDC71	coiled-coil domain containing 71	ENST00000321895		-0,720020364
A_21_P0003014	TCONS_00006167	XLOC_002772				-0,720081385
A_21_P0012367	NM_152536	FGD5	FYVE, RhoGEF and PH domain containing 5	ENST00000502451		-0,72034088
A_21_P0003360	THC2642744	XLOC_003528				-0,720493684
A_33_P3284448	NR_038857	LOC441009	uncharacterized LOC441009			-0,720697022
A_21_P0002710	ENST00000489729	NAALADL2	N-acetylated alpha-linked acidic dipeptidase-like 2	ENST00000489729		-0,720816607
A_33_P3268652	ENST00000403208	SLC2A11	solute carrier family 2 (facilitated glucose transporter), men	ENST00000403208		-0,721346064
A_33_P3335535	NR_040046	LOC100128682	uncharacterized LOC100128682	ENST00000536898		-0,721374164
A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187		-0,722550746
A_33_P3259112	NR_033988	FLJ41278	uncharacterized LOC400046	ENST00000535058		-0,722950954
A_33_P3225948	NM_001042478	AJAP1	adherens junctions associated protein 1	ENST00000378190		-0,723785465

A_21_P0001796	AK091000	XLOC_002322				-0,724259752
A_21_P0007984	ENST00000416261	XLOC_010556			ENST00000416261	-0,725089715
A_23_P79155	NM_001508	GPR39	G protein-coupled receptor 39		ENST00000470071	-0,7250988
A_21_P0003485	ENST00000515728	XLOC_004024			ENST00000515728	-0,72518552
A_21_P0006086	ENST00000425666	XLOC_007769			ENST00000425666	-0,725584146
A_33_P3254811	NM_001025266	C3orf70	chromosome 3 open reading frame 70		ENST00000335012	-0,725652037
A_33_P3318490	BC014432	PDZRN3	PDZ domain containing ring finger 3		ENST00000308537	-0,726944894
A_33_P3234303	ENST00000379123	PAX6	paired box 6		ENST00000379123	-0,728114669
A_33_P3330179	XR_110620	LOC100131372	uncharacterized LOC100131372			-0,728194082
A_33_P3542886	BU536871	SNAR-G1	small ILF3/NF90-associated RNA G1			-0,728257044
A_21_P0014857	XR_132744	LOC100506276	uncharacterized LOC100506276		ENST00000414610	-0,7297889
A_23_P122052	NM_001008397	GPX8	glutathione peroxidase 8 (putative)		ENST00000503787	-0,729803859
A_33_P3229487	NM_001004726	OR4X1	olfactory receptor, family 4, subfamily X, member 1		ENST00000320048	-0,729955938
A_21_P0005580	TCONS_00014226	XLOC_006281				-0,730373221
A_21_P0007977	ENST00000444744	XLOC_010543			ENST00000444744	-0,730700478
A_23_P107116	NM_007148	RNF112	ring finger protein 112			-0,732003864
A_33_P3213512	ENST00000551769	COQ5	coenzyme Q5 homolog, methyltransferase (<i>S. cerevisiae</i>)		ENST00000551769	-0,732795538
A_21_P0006744	ENST00000414308	XLOC_008774			ENST00000414308	-0,733132441
A_21_P0003684	BU655974	XLOC_003790				-0,733254257
A_21_P0009261	TCONS_00025440	XLOC_012258				-0,734105095
A_33_P3644503	NR_027124	LOC339568	uncharacterized LOC339568		ENST00000412672	-0,73432355
A_23_P116640	NM_033180	OR51B2	olfactory receptor, family 51, subfamily B, member 2		ENST00000328813	-0,734423125
A_32_P176018	NM_030812	ACTL8	actin-like 8		ENST00000375406	-0,734634269
A_21_P0008209	TCONS_00022102	XLOC_010713				-0,735007257
A_23_P116640	NM_033180	OR51B2	olfactory receptor, family 51, subfamily B, member 2		ENST00000328813	-0,737018487
A_24_P910667	AF220235	GAF3	FGF-2 activity-associated protein 3			-0,737735767
A_33_P3300232	NM_032821	HYDIN	hydrocephalus inducing homolog (mouse)		ENST00000543521	-0,739222494
A_23_P169039	NM_003068	SNAI2	snail homolog 2 (<i>Drosophila</i>)		ENST00000396822	-0,739388506
A_21_P0002810	XR_108518	LOC100505609	uncharacterized LOC100505609		ENST00000464537	-0,740206539

A_21_P0008636	TCONS_00023422	XLOC_011264			-0,740232162
A_33_P3406572	AK091704	LOC149773	uncharacterized LOC149773		-0,740305372
A_23_P148829	NM_080431	ACTRT2	actin-related protein T2	ENST00000378404	-0,74115148
A_23_P74012	NM_005987	SPRR1A	small proline-rich protein 1A	ENST00000307122	-0,741513021
A_21_P0002550	TCONS_00004619	XLOC_002528			-0,741905294
A_19_P00319532	THC2563770	P51957			-0,742136534
A_23_P11256	NM_138703	MAGEE2	melanoma antigen family E, 2	ENST00000373359	-0,742215075
A_33_P3323564	NR_037195	LOC646324	uncharacterized LOC646324	ENST00000423530	-0,742432324
A_21_P0008489	ENST00000553561	XLOC_011133		ENST00000553561	-0,74307769
A_33_P3358213	NM_207421	PADI6	peptidyl arginine deiminase, type VI	ENST00000434762	-0,743340732
A_23_P83498	NM_006546	IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1	ENST00000290341	-0,743492464
A_21_P0013220	BI830525	XLOC_I2_013456			-0,744824392
A_33_P3213707	NM_025239	PDCD1LG2	programmed cell death 1 ligand 2	ENST00000397745	-0,745150202
A_21_P0006816	TCONS_00018090	XLOC_008357			-0,746469547
A_21_P0014638	XR_110858	LOC100507030	uncharacterized LOC100507030	ENST00000443763	-0,746488938
A_21_P0006153	TCONS_00016012	XLOC_007402			-0,74698277
A_33_P3349671	AK124340	ERVI-1	endogenous retrovirus group I, member 1		-0,747127976
A_23_P10936	NM_033060	KRTAP4-1	keratin associated protein 4-1	ENST00000398472	-0,747892179
A_23_P215111	NM_020632	ATP6V0A4	ATPase, H+ transporting, lysosomal V0 subunit a4	ENST00000310018	-0,748631212
A_21_P0001403	TCONS_00001231	XLOC_000508			-0,749039509
A_21_P0004441	TCONS_00010468	XLOC_004988			-0,752974079
A_21_P0003913	TCONS_00009185	XLOC_004198			-0,75304565
A_33_P3290830	NR_026916	ANKRD30BP2	ankyrin repeat domain 30B pseudogene 2	ENST00000447861	-0,753535657
A_21_P0006098	ENST00000446206	XLOC_007819		ENST00000446206	-0,754474978
A_33_P3321871	NR_038862	FLJ42102	uncharacterized LOC399923	ENST00000331301	-0,7549637
A_33_P3238548	NM_025041	C3orf36	chromosome 3 open reading frame 36	ENST00000408895	-0,755284082
A_23_P211631	NM_006486	FBLN1	fibulin 1	ENST00000348697	-0,755408696
A_21_P0005716	ENST00000520273	XKR9	XK, Kell blood group complex subunit-related family, memb	ENST00000520273	-0,755432803
A_21_P0008521	TCONS_00023036	XLOC_010908			-0,755845626

A_21_P0006772	ENST00000455498	XLOC_008862		ENST00000455498	-0,755979675
A_21_P0005391	TCONS_00013490	XLOC_006133			-0,756298244
A_23_P114713	NM_000779	CYP4B1	cytochrome P450, family 4, subfamily B, polypeptide 1	ENST00000371923	-0,756537829
A_23_P130398	NM_172241	CTAGE1	cutaneous T-cell lymphoma-associated antigen 1	ENST00000391403	-0,756961075
A_33_P3354792	XR_112948	LOC441179	uncharacterized LOC441179		-0,75705208
A_21_P0012759	ENST00000509017	XLOC_I2_010976		ENST00000509017	-0,758146778
A_33_P3363316	NR_015401	FLJ35390	uncharacterized LOC255031		-0,758202579
A_21_P0002716	ENST00000490647	XLOC_003226		ENST00000490647	-0,758329541
A_21_P0004639	ENST00000414502	XLOC_005228		ENST00000414502	-0,758591311
A_21_P0009875	NR_015406	LOC149837	uncharacterized LOC149837	ENST00000456714	-0,758702347
A_33_P3309809	ENST00000409053	RHBDD1	rhomoid domain containing 1	ENST00000409053	-0,75872179
A_33_P3280471	NM_001982	ERBB3	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3	ENST00000394099	-0,75899191
A_23_P331211	NM_153446	B4GALNT2	beta-1,4-N-acetyl-galactosaminyl transferase 2	ENST00000300404	-0,760293541
A_21_P0008933	THC2749792	XLOC_011716			-0,760708263
A_33_P3400334	AK127532	LOC100130372	uncharacterized LOC100130372		-0,76166133
A_23_P107116	NM_007148	RNF112	ring finger protein 112		-0,762028807
A_21_P0013131	ENST00000450618	XLOC_I2_012518		ENST00000450618	-0,762684108
A_21_P0007378	ENST00000526840	XLOC_009515		ENST00000526840	-0,76312653
A_23_P382811	NM_152628	SNX31	sorting nexin 31	ENST00000428383	-0,763367762
A_21_P0002927	TCONS_00005936	XLOC_002563			-0,763395926
A_19_P00322733	BC032741	XLOC_I2_015585			-0,765538367
A_33_P3252048	NM_001007533	PPP1R27	protein phosphatase 1, regulatory subunit 27	ENST00000330261	-0,765872648
A_21_P0004990	TCONS_00012047	XLOC_005579			-0,766365239
A_23_P376172	NM_178840	C1orf64	chromosome 1 open reading frame 64	ENST00000329454	-0,767801958
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,767863296
A_21_P0005691	ENST00000521257	XLOC_006780		ENST00000521257	-0,769453404
A_19_P00805593	CR607950	XLOC_008652			-0,770831896
A_33_P3303102	AK092022	MYNN	myoneurin		-0,771335534
A_33_P3250333	NM_207437	DNAH10	dynein, axonemal, heavy chain 10	ENST00000497783	-0,771384972

A_21_P0013609	TCONS_I2_0002913	XLOC_I2_015075				-0,772414847
A_33_P3343316	NM_031469	SH3BGR2	SH3 domain binding glutamic acid-rich protein like 2	ENST00000369838		-0,772893837
A_21_P0004728	NR_027793	C6orf218	chromosome 6 open reading frame 218			-0,773401218
A_33_P3247559	NM_001144937	FNDC7	fibronectin type III domain containing 7	ENST00000370017		-0,77365046
A_21_P0011805	TCONS_I2_0001373	XLOC_I2_007401				-0,774023617
A_21_P0009706	TCONS_00026984	XLOC_013036				-0,774268585
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913		-0,7750801
A_23_P168288	NM_052962	IL22RA2	interleukin 22 receptor, alpha 2	ENST00000296980		-0,77594058
A_33_P3663105	BC038429	LOC284263	uncharacterized LOC284263			-0,776513008
A_21_P0014223	XR_108915	LOC100505613	uncharacterized LOC100505613			-0,778156505
A_32_P114003	NR_024360	LOC100192378	uncharacterized LOC100192378			-0,77881061
A_21_P0012883	THC2688337	XLOC_I2_011911				-0,779172417
A_23_P133236	NM_018934	PCDHB14	protocadherin beta 14	ENST00000515856		-0,780221084
A_21_P0006972	TCONS_00018439	XLOC_008731				-0,781992228
A_32_P44534	NM_182559	TMPRSS12	transmembrane (C-terminal) protease, serine 12	ENST00000398458		-0,783067008
A_21_P0008354	TCONS_00022548	XLOC_010866				-0,783165267
A_23_P417918	NM_006211	PENK	proenkephalin	ENST00000539312		-0,783424132
A_24_P322229	NM_033315	RASL10B	RAS-like, family 10, member B	ENST00000268864		-0,784335635
A_23_P102331	NM_002976	SCN7A	sodium channel, voltage-gated, type VII, alpha	ENST00000409855		-0,784805866
A_23_P364444	ENST00000462493	FAM65C	family with sequence similarity 65, member C	ENST00000462493		-0,784958507
A_19_P00322571	NR_033319	MIAT				-0,785294333
A_23_P83498	NM_006546	IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1	ENST00000290341		-0,785737879
A_23_P110052	NM_023067	FOXL2	forkhead box L2	ENST00000542203		-0,786176683
A_23_P164011	NM_006942	SOX15	SRY (sex determining region Y)-box 15	ENST00000250055		-0,786992068
A_21_P0001138	ENST00000439156	XLOC_000855		ENST00000439156		-0,789092909
A_33_P3352995	NM_001025295	IFITM5	interferon induced transmembrane protein 5	ENST00000382614		-0,789499786
A_21_P0011205	ENST00000444795	XLOC_I2_003840		ENST00000444795		-0,790387467
A_33_P3415336	ENST00000462747	ALS2	amyotrophic lateral sclerosis 2 (juvenile)	ENST00000462747		-0,791131263
A_21_P0009223	ENST00000458492	XLOC_012115		ENST00000458492		-0,791510267

A_23_P401361	NM_020845	PITPNM2	phosphatidylinositol transfer protein, membrane-associated	ENST00000542749	-0,79164953
A_21_P0013488	TCONS_I2_0002778	XLOC_I2_014217			-0,792487926
A_23_P101084	NM_032598	SPATA22	spermatogenesis associated 22	ENST00000541913	-0,79344847
A_32_P204980	NM_153230	FBXO39	F-box protein 39	ENST00000321535	-0,794601968
A_23_P78504	NM_020903	USP29	ubiquitin specific peptidase 29	ENST00000254181	-0,794751313
A_21_P0013916	XM_001715728	ANKRD62	ankyrin repeat domain 62		-0,794828563
A_21_P0003444	NR_045414	HTT-AS1	HTT antisense RNA 1 (non-protein coding)	ENST00000503893	-0,795221401
A_21_P0002396	TCONS_00004124	XLOC_001969			-0,79627679
A_21_P0000930	ENST00000425435	XLOC_000847		ENST00000425435	-0,79637778
A_23_P161909	NM_006138	MS4A3	membrane-spanning 4-domains, subfamily A, member 3 (he	ENST00000534744	-0,79672078
A_23_P131263	NM_033066	MPP4	membrane protein, palmitoylated 4 (MAGUK p55 subfamily	ENST00000359962	-0,797967943
A_33_P3366221	NM_014917	NTNG1	netrin G1	ENST00000370076	-0,798185353
A_21_P0002225	TCONS_00003709	XLOC_001496			-0,799171343
A_24_P331830	NM_015209	KAZN	kazrin, periplakin interacting protein	ENST00000376028	-0,799230143
A_21_P0004150	ENST00000504034	XLOC_004917		ENST00000504034	-0,799758114
A_33_P3290403	NM_014214	IMPA2	inositol(myo)-1(or 4)-monophosphatase 2	ENST00000383376	-0,799765013
A_21_P0003897	TCONS_00009070	XLOC_003974			-0,799774349
A_21_P0013258	THC2565454	XLOC_I2_013532			-0,800176947
A_21_P0013876	TCONS_I2_0003089	XLOC_I2_015879			-0,800943508
A_21_P0008045	TCONS_00021747	XLOC_010339			-0,801073769
A_23_P257962	NM_007327	GRIN1	glutamate receptor, ionotropic, N-methyl D-aspartate 1	ENST00000473811	-0,801214545
A_21_P0003909	TCONS_00009176	XLOC_004182			-0,801551689
A_23_P337849	NM_007185	CELF3	CUGBP, Elav-like family member 3	ENST00000420342	-0,80215701
A_33_P3324839	NM_006772	SYNGAP1	synaptic Ras GTPase activating protein 1	ENST00000418600	-0,802682979
A_21_P0014922	XR_133153	C18orf61	chromosome 18 open reading frame 61		-0,802938602
A_21_P0014826	XR_132673	LOC100507579	uncharacterized LOC100507579		-0,80658745
A_23_P123096	NM_021955	GNGT1	guanine nucleotide binding protein (G protein), gamma trar	ENST00000429473	-0,807381325
A_33_P3256396	NM_003585	DOC2B	double C2-like domains, beta		-0,808401821
A_23_P252928	NM_005367	MAGEA12	melanoma antigen family A, 12	ENST00000393900	-0,810398326

A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187	-0,810436234
A_23_P16834	NM_022823	FNDC4	fibronectin type III domain containing 4	ENST00000491414	-0,81116968
A_21_P0005359	NR_038393	LOC100506178	uncharacterized LOC100506178		-0,811317985
A_32_P327679	NR_026882	DKFZP434K028	uncharacterized LOC26070		-0,811423312
A_21_P0008966	TCONS_00024450	XLOC_011774			-0,811766108
A_21_P0010010	THC2687906	XLOC_013670			-0,812138616
A_23_P29975	NM_018302	C4orf19	chromosome 4 open reading frame 19	ENST00000284437	-0,813671404
A_21_P0012503	ENST00000469812	XLOC_I2_009929		ENST00000469812	-0,814074879
A_23_P114445	NM_020932	MAGEE1	melanoma antigen family E, 1	ENST00000361470	-0,816298622
A_23_P140362	NM_018228	VRTN	vertebrae development homolog (pig)	ENST00000256362	-0,816516518
A_23_P121545	NM_201591	GPM6A	glycoprotein M6A	ENST00000280187	-0,817709211
A_21_P0013143	ENST00000436672	XLOC_I2_013040		ENST00000436672	-0,818650732
A_21_P0009020	TCONS_00024611	XLOC_011900			-0,819372191
A_21_P0012862	TCONS_I2_00022631	XLOC_I2_011854			-0,820597256
A_23_P215744	NM_033427	CTTNBP2	cortactin binding protein 2	ENST00000441556	-0,82099316
A_21_P0006234	TCONS_00016201	XLOC_007591			-0,821249642
A_33_P3226761	NM_018419	SOX18	SRY (sex determining region Y)-box 18	ENST00000340356	-0,821480993
A_23_P83498	NM_006546	IGF2BP1	insulin-like growth factor 2 mRNA binding protein 1	ENST00000290341	-0,822036819
A_21_P0000724	NR_038209	LOC100616530	tospeak		-0,822053612
A_21_P0013497	TCONS_I2_00027821	XLOC_I2_014245			-0,822114946
A_33_P3436935	AK093107	LOC284930	uncharacterized LOC284930		-0,823252357
A_21_P0002968	TCONS_00006076	XLOC_002690			-0,823509617
A_21_P0006402	XR_110614	LOC100506641	uncharacterized LOC100506641		-0,824389173
A_21_P0007001	TCONS_00018526	XLOC_008833			-0,825594766
A_21_P0007471	ENST00000527533	XLOC_009585		ENST00000527533	-0,826392024
A_23_P110052	NM_023067	FOXL2	forkhead box L2	ENST00000542203	-0,827685926
A_21_P0008129	TCONS_00021936	XLOC_010529			-0,827809381
A_33_P3561747	NM_001145545	C16orf82	chromosome 16 open reading frame 82		-0,828472705
A_21_P0011584	AK125757	XLOC_I2_006036			-0,828560666

A_21_P0008436	ENST00000556130	XLOC_011017		ENST00000556130	-0,828642057
A_21_P0010001	TCONS_00028312	XLOC_013647			-0,828777654
A_21_P0008704	TCONS_00023572	XLOC_011396			-0,828938435
A_21_P0009897	ENST00000416563	XLOC_013713		ENST00000416563	-0,830694797
A_21_P0007409	TCONS_00019778	XLOC_009577			-0,831105355
A_33_P3220020	NR_033899	LOC440518	golgin A2 pseudogene		-0,832389587
A_21_P0005675	THC2766071	XLOC_006745			-0,832672765
A_33_P3631022	AJ315134	LOC100270680	uncharacterized LOC100270680		-0,833119259
A_23_P110764	NM_006790	MYOT	myotilin	ENST00000421631	-0,833221515
A_21_P0010151	ENST00000426609	XLOC_013889		ENST00000426609	-0,833873771
A_23_P102864	NM_002772	TMPRSS15	transmembrane protease, serine 15	ENST00000284885	-0,834512508
A_21_P0004919	TCONS_00011916	XLOC_005424			-0,836590786
A_21_P0000907	NR_027088	LOC284661	uncharacterized LOC284661	ENST00000423197	-0,838771928
A_21_P0008772	BX116292	XLOC_011565			-0,8391144
A_32_P205053	ENST00000375099	UBXN10	UBX domain protein 10	ENST00000375099	-0,839390102
A_21_P0008746	TCONS_00023690	XLOC_011492			-0,841106886
A_23_P35977	NM_024791	PDZD3	PDZ domain containing 3	ENST00000534790	-0,841366258
A_21_P0007920	ENST00000422082	XLOC_010287		ENST00000422082	-0,841640596
A_21_P0008065	TCONS_00021794	XLOC_010397			-0,841764729
A_23_P110052	NM_023067	FOXL2	forkhead box L2	ENST00000542203	-0,842094266
A_33_P3394252	NM_152519	C2orf67	chromosome 2 open reading frame 67	ENST00000281772	-0,842455446
A_21_P0011734	XR_109588	LOC100505851	uncharacterized LOC100505851		-0,842679295
A_32_P310503	NM_001004688	OR2M2	olfactory receptor, family 2, subfamily M, member 2	ENST00000359682	-0,842703716
A_33_P3210556	NR_028139	FLJ42289	uncharacterized LOC388182	ENST00000340644	-0,842759125
A_21_P0011440	AK057513	XLOC_l2_005244			-0,843768599
A_23_P355517	NM_024875	SYNPO2L	synaptopodin 2-like	ENST00000394810	-0,844721677
A_23_P26154	NM_002666	PLIN1	perilipin 1	ENST00000430628	-0,845731179
A_33_P3270956	NM_207506	SAMD12	sterile alpha motif domain containing 12	ENST00000314727	-0,845742742
A_33_P3354399	NM_198697	KRTAP12-3	keratin associated protein 12-3	ENST00000397907	-0,846418104

A_21_P0002295	TCONS_00003883	XLOC_001684			-0,847089469
A_21_P0013147	ENST00000404689	XLOC_I2_013064		ENST00000404689	-0,847557344
A_23_P104972	NM_023945	MS4A5	membrane-spanning 4-domains, subfamily A, member 5	ENST00000300190	-0,848001393
A_21_P0010463	THC2742326	XLOC_014172			-0,849126867
A_33_P3279539	NR_001526	TTY17A	testis-specific transcript, Y-linked 17A (non-protein coding)	ENST00000416110	-0,849278336
A_21_P0001637	TCONS_00001853	XLOC_001241			-0,850110876
A_21_P0010056	TCONS_00028434	XLOC_013786			-0,850349799
A_33_P3234882	NM_002725	PRELP	proline/arginine-rich end leucine-rich repeat protein	ENST00000343110	-0,852275929
A_23_P114983	NM_032588	TRIM63	tripartite motif containing 63	ENST00000374272	-0,853672564
A_21_P0008603	TCONS_00023325	XLOC_011189			-0,854399113
A_21_P0007826	TCONS_00021085	XLOC_009678			-0,854551741
A_21_P0003564	TCONS_00007969	XLOC_003438			-0,856461473
A_24_P330633	NM_000353	TAT	tyrosine aminotransferase	ENST00000355962	-0,857357668
A_19_P00809697	ENST00000417705	XLOC_000670		ENST00000417705	-0,858448519
A_21_P0005336	ENST00000438969	XLOC_006620		ENST00000438969	-0,859319337
A_21_P0014643	XR_110876	LOC100507420	uncharacterized LOC100507420		-0,859992904
A_21_P0001090	ENST00000429389	XLOC_000681		ENST00000429389	-0,861836238
A_24_P110331	NM_001145113	MYADML2	myeloid-associated differentiation marker-like 2	ENST00000330655	-0,862590812
A_23_P110052	NM_023067	FOXL2	forkhead box L2	ENST00000542203	-0,862603768
A_21_P0002512	TCONS_00004472	XLOC_002352			-0,863897962
A_21_P0009370	TCONS_00025784	XLOC_012592			-0,864234673
A_33_P3356877	NM_001001961	OR13C3	olfactory receptor, family 13, subfamily C, member 3	ENST00000374781	-0,86632097
A_21_P0013864	AK056524	XLOC_I2_015710			-0,866383976
A_21_P0000183	NR_040434	LOC100505676	uncharacterized LOC100505676		-0,866578509
A_23_P108743	NM_152381	XIRP2	xin actin-binding repeat containing 2	ENST00000295237	-0,866915828
A_21_P0004601	AY314751	TSG1	tumor suppressor TSG1		-0,868285266
A_21_P0012213	NR_027072	LINC00189	long intergenic non-protein coding RNA 189	ENST00000545936	-0,868852407
A_21_P0001609	TCONS_00001771	XLOC_001153			-0,869619151
A_21_P0002274	TCONS_00003825	XLOC_001637			-0,869750194

A_21_P0001424	TCONS_00001281	XLOC_000567				-0,871679235
A_33_P3483634	NR_027108	LOC285593	uncharacterized LOC285593		ENST00000517299	-0,873750992
A_21_P0013939	NM_001033858	DCLRE1C	DNA cross-link repair 1C		ENST00000418843	-0,874432722
A_21_P0012433	ENST00000452244	XLOC_I2_010097			ENST00000452244	-0,875314128
A_21_P0006354	TCONS_00016624	XLOC_007422				-0,877210492
A_21_P0008103	TCONS_00021871	XLOC_010470				-0,877994241
A_33_P3267844	NM_001004757	OR51Q1	olfactory receptor, family 51, subfamily Q, member 1		ENST00000300778	-0,878489423
A_21_P0005108	ENST00000437559	XLOC_005174			ENST00000437559	-0,879398759
A_21_P0011002	THC2717621	XLOC_I2_002502				-0,879518769
A_19_P00319573	THC2541878	XLOC_014192				-0,882249501
A_21_P0002109	ENST00000432431	XLOC_002345			ENST00000432431	-0,88269096
A_33_P3364801	XM_379325	LOC401180	uncharacterized LOC401180			-0,885631236
A_33_P3409274	ENST00000454421	LOC100134256	ig heavy chain V-III region VH26-like		ENST00000454421	-0,885987729
A_21_P0009570	THC2717186	XLOC_012875				-0,887127956
A_21_P0007756	TCONS_00020911	XLOC_010191				-0,888670893
A_21_P0010556	THC2531430	XLOC_I2_000416				-0,893417184
A_21_P0012171	TCONS_I2_00016979	XLOC_I2_008991				-0,895262841
A_23_P369237	NM_004797	ADIPOQ	adiponectin, C1Q and collagen domain containing		ENST00000412955	-0,898417711
A_19_P00315519	ENST00000511417	XLOC_004914			ENST00000511417	-0,898499733
A_23_P255298	NM_020707	HHATL	hedgehog acyltransferase-like		ENST00000341477	-0,900976614
A_33_P3224946	XR_108603	FLJ46010	FLJ46010 protein			-0,902734
A_23_P110052	NM_023067	FOXL2	forkhead box L2		ENST00000542203	-0,903948522
A_21_P0006987	ENST00000457255	XLOC_008777			ENST00000457255	-0,904091646
A_21_P0007079	ENST00000436430	XLOC_008636			ENST00000436430	-0,90467126
A_21_P0004431	TCONS_00010443	XLOC_004959				-0,908056779
A_33_P3754922	BP873537	RNU11	RNA, U11 small nuclear			-0,910035823
A_23_P74895	NM_024674	LIN28A	lin-28 homolog A (C. elegans)		ENST00000254231	-0,911395355
A_33_P3821494	AK094442	LOC284939	uncharacterized LOC284939			-0,911456706
A_21_P0008943	TCONS_00024412	XLOC_011724				-0,912237572

A_21_P0010168	ENST00000417820	XLOC_013973		ENST00000417820	-0,915636578
A_21_P0008879	BX445613	XLOC_011882			-0,916766159
A_21_P0002016	NR_038434	LOC100506474	uncharacterized LOC100506474	ENST00000421112	-0,918340885
A_21_P0010264	TCONS_00029062	XLOC_013983			-0,919137944
A_33_P3293869	ENST00000369086	TIAL1	TIA1 cytotoxic granule-associated RNA binding protein-like	ENST00000369086	-0,919319814
A_23_P47806	NM_012064	MIP	major intrinsic protein of lens fiber	ENST00000557333	-0,922460693
A_21_P0007639	TCONS_00020585	XLOC_009899			-0,923755332
A_23_P110319	NM_025087	CWH43	cell wall biogenesis 43 C-terminal homolog (S. cerevisiae)	ENST00000226432	-0,924400012
A_19_P00322942	BX640700	XLOC_004598			-0,92595089
A_19_P00811430	TCONS_00023880	XLOC_011183			-0,927679727
A_21_P0002427	TCONS_00004220	XLOC_002064			-0,927729461
A_33_P3215913	ENST00000403210	TMEM184B	transmembrane protein 184B	ENST00000403210	-0,92802669
A_21_P0009128	NR_027755	LOC283867	uncharacterized LOC283867		-0,92973009
A_21_P0004988	TCONS_00012041	XLOC_005575			-0,931036471
A_21_P0004092	ENST00000513859	XLOC_004714		ENST00000513859	-0,931200652
A_21_P0002377	AK096937	LOC285191	uncharacterized LOC285191	ENST00000407635	-0,935981008
A_21_P0006087	ENST00000436671	XLOC_007769		ENST00000436671	-0,937041847
A_23_P217379	NM_033641	COL4A6	collagen, type IV, alpha 6	ENST00000394872	-0,941509551
A_21_P0008128	TCONS_00021928	XLOC_010525			-0,942066879
A_21_P0009115	BC131758	XLOC_011821			-0,942106067
A_21_P0007196	TCONS_00019279	XLOC_009112			-0,945016003
A_21_P0003696	TCONS_00008373	XLOC_003829			-0,94508602
A_23_P119040	NM_001142966	GREB1L	growth regulation by estrogen in breast cancer-like	ENST00000424526	-0,945560225
A_33_P3348629	NM_002159	HTN1	histatin 1	ENST00000503645	-0,947810907
A_23_P106016	NM_002742	PRKD1	protein kinase D1	ENST00000331968	-0,947987744
A_33_P3337584	AK092513	LOC283482	uncharacterized LOC283482		-0,95097176
A_33_P3380356	AK126705	LOC100127991	uncharacterized LOC100127991		-0,952289377
A_21_P0009283	TCONS_00025512	XLOC_012324			-0,958371586
A_21_P0004130	ENST00000431789	XLOC_004832		ENST00000431789	-0,960951957

A_21_P0009948	TCONS_00028129	XLOC_013487				-0,96133966
A_21_P0008720	TCONS_00023625	XLOC_011424				-0,961810714
A_21_P0004854	TCONS_00011736	XLOC_005202				-0,964508058
A_33_P3629930	NR_038867	ZNF32-AS3	ZNF32 antisense RNA 3 (non-protein coding)	ENST00000458063		-0,967537574
A_33_P3370600	NM_001162997	C17orf110	chromosome 17 open reading frame 110	ENST00000556126		-0,969688283
A_21_P0009204	BX648922	XLOC_012583				-0,970326904
A_21_P0003683	TCONS_00008340	XLOC_003789				-0,971962924
A_21_P0008749	TCONS_00023701	XLOC_011506				-0,972857339
A_21_P0013260	TCONS_I2_00026147	XLOC_I2_013547				-0,978222473
A_21_P0000531	NR_027309	LOC148824	uncharacterized LOC148824	ENST00000420469		-0,981121346
A_23_P91636	NR_003714	POM121L9P	POM121 membrane glycoprotein-like 9, pseudogene	ENST00000414583		-0,981525732
A_21_P0013064	TCONS_I2_00024631	XLOC_I2_012899				-0,983229195
A_21_P0005588	TCONS_00014239	XLOC_006316				-0,985571008
A_21_P0003008	TCONS_00006154	XLOC_002760				-0,987003906
A_21_P0011506	NR_027078	LOC283856	uncharacterized LOC283856			-0,989502249
A_21_P0002006	ENST00000414795	XLOC_001966		ENST00000414795		-0,989793011
A_23_P107116	NM_007148	RNF112	ring finger protein 112			-0,995246323
A_32_P27917	NM_015656	KIF26A	kinesin family member 26A	ENST00000315264		-0,995634813
A_21_P0001460	NR_015440	FLJ42875	uncharacterized LOC440556	ENST00000445317		-0,997616449
A_21_P0003807	TCONS_00008680	XLOC_004196				-0,998681239
A_33_P3461258	AY746436	DEFA11P	defensin, alpha 11 pseudogene			-1,0005718
A_21_P0007956	ENST00000424165	XLOC_010466		ENST00000424165		-1,006227293
A_23_P166566	NM_024768	CCDC48	coiled-coil domain containing 48	ENST00000481536		-1,008545788
A_21_P0012810	ENST00000510975	XLOC_I2_011309		ENST00000510975		-1,009666066
A_21_P0002858	ENST00000465347	XLOC_003155		ENST00000465347		-1,011471112
A_21_P0013272	TCONS_I2_00026231	XLOC_I2_013621				-1,012538737
A_23_P107116	NM_007148	RNF112	ring finger protein 112			-1,012896359
A_21_P0008150	THC2651391	XLOC_010585				-1,014858014
A_21_P0011505	BX537874	LOC643802	u3 small nucleolar ribonucleoprotein protein MPP10-like			-1,016953168

A_33_P3674029	NR_026823	FAM138D	family with sequence similarity 138, member D		-1,019635872
A_21_P0004184	TCONS_00009797	XLOC_005041			-1,020446703
A_23_P413862	NM_020869	DCDC5	doublecortin domain containing 5	ENST00000303697	-1,021637719
A_21_P0013641	TCONS_I2_0002931	XLOC_I2_015201			-1,026957017
A_23_P104762	NM_006106	YAP1	Yes-associated protein 1	ENST00000531439	-1,027529249
A_21_P0010208	ENST00000420273	XLOC_014096		ENST00000420273	-1,045365156
A_21_P0006221	TCONS_00016147	XLOC_007543			-1,045634266
A_33_P3280561	NM_001146182	KRTAP16-1	keratin associated protein 16-1	ENST00000391352	-1,047965057
A_21_P0012701	THC2667912	XLOC_I2_011411			-1,052247827
A_33_P3319791	NM_002135	NR4A1	nuclear receptor subfamily 4, group A, member 1	ENST00000545748	-1,054464938
A_33_P3362791	XM_001719518	LOC100128869	uncharacterized LOC100128869		-1,058736198
A_23_P428485	NM_030623	SPHKAP	SPHK1 interactor, AKAP domain containing	ENST00000344657	-1,059150923
A_23_P171409	NR_001527	TTY6	testis-specific transcript, Y-linked 6 (non-protein coding)	ENST00000253848	-1,082129
A_21_P0008057	TCONS_00021769	XLOC_010364			-1,087267799
A_21_P0001874	ENST00000450944	XLOC_001513		ENST00000450944	-1,096074256
A_23_P79591	NM_000384	APOB	apolipoprotein B (including Ag(x) antigen)	ENST00000233242	-1,102908622
A_21_P0004686	NR_027030	MGC34034	uncharacterized protein MGC34034		-1,105352074
A_21_P0005077	TCONS_00012345	XLOC_005899			-1,10920942
A_23_P110462	NM_013340	PCDHB1	protocadherin beta 1	ENST00000306549	-1,115446209
A_21_P0000975	ENST00000447150	XLOC_000201		ENST00000447150	-1,116156276
A_23_P415470	NM_032100	PCDHGB6	protocadherin gamma subfamily B, 6	ENST00000520790	-1,124040046
A_21_P0001662	TCONS_00001931	XLOC_000036			-1,124121095
A_24_P77968	NM_001458	FLNC	filamin C, gamma	ENST00000325888	-1,138991486
A_21_P0014610	XR_110521	LOC100506941	uncharacterized LOC100506941		-1,150782226
A_33_P3336257	NM_024337	IRX1	iroquois homeobox 1	ENST00000302006	-1,152589919
A_21_P0010658	NM_001195388	FCRL5	Fc receptor-like 5	ENST00000368191	-1,156565964
A_21_P0012813	ENST00000511346	XLOC_I2_011361		ENST00000511346	-1,161936109
A_33_P3747204	NR_040108	LOC728175	uncharacterized LOC728175		-1,164037334
A_23_P123488	NM_024504	PRDM14	PR domain containing 14	ENST00000276594	-1,183721717

A_21_P0009215	TCONS_00025293	XLOC_012095				-1,183745349
A_23_P356163	NM_178824	WDR49	WD repeat domain 49		ENST00000308378	-1,185850319
A_21_P0014434	XR_109768	LOC100506901	uncharacterized LOC100506901			-1,204448402
A_33_P3390170	XM_001719518	LOC100128869	uncharacterized LOC100128869			-1,222776809
A_21_P0014143	XR_108578	LOC100506791	uncharacterized LOC100506791		ENST00000504989	-1,236091249
A_21_P0009311	TCONS_00025609	XLOC_012441				-1,241097417
A_21_P0011798	THC2688675	XLOC_I2_007274				-1,248760203
A_21_P0012567	THC2678769	XLOC_I2_010555				-1,253599237
A_21_P0009689	BX118437	XLOC_012984				-1,267211164
A_21_P0002311	TCONS_00003929	XLOC_001741				-1,267222931
A_21_P0005687	TCONS_00014674	XLOC_006773				-1,291469696
A_33_P3323718	NM_001008224	UACA	uveal autoantigen with coiled-coil domains and ankyrin rep		ENST00000379983	-1,332741474
A_33_P3383836	NM_015163	TRIM9	tripartite motif containing 9		ENST00000555170	-1,344367036
A_21_P0003365	ENST00000514413	XLOC_003541			ENST00000514413	-1,3807109