

Table S1. p200 Target Genes Identified by ChIP-chip (FDR 0.01).

CHR	FDR	Name	Accession	Description
1	0.00E+00	MGC12760	XM_934986	hypothetical protein MGC12760
1	0.00E+00	LOC51152	AF172850	melanoma antigen
1	0.00E+00	LOC644530	XM_927658	hypothetical protein LOC644530
1	0.00E+00	DUSP10	NM_144728	dual specificity phosphatase 10
1	0.00E+00	ARTN	NM_057091	artemin
1	0.00E+00	ERMAP	NM_001017922	erythroblast membrane-associated protein (Scianna blood group)
1	0.00E+00	CCDC23	NM_199342	coiled-coil domain containing 23
1	0.00E+00	ENAH	AK126894	enabled homolog (Drosophila)
1	0.00E+00	SLC2A1	NM_006516	solute carrier family 2 (facilitated glucose transporter), member 1
1	0.00E+00	YIPF1	NM_018982	Yip1 domain family, member 1
1	0.00E+00	DIO1	NM_000792	deiodinase, iodothyronine, type I
1	0.00E+00	NDUFS2	NM_004550	NADH dehydrogenase (ubiquinone) Fe-S protein 2, 49kDa (NADH-coenzyme Q reductase)
1	0.00E+00	ADAMTS4	NM_005099	ADAM metalloproteinase with thrombospondin type 1 motif, 4
1	0.00E+00	BTG2	NM_006763	BTG family, member 2
1	0.00E+00	EDN2	BC034393	endothelin 2
1	0.00E+00	MGC52000	BC106020	CXYorf1-related protein
1	0.00E+00	FLJ25222	BC063682	CXYorf1-related protein
1	0.00E+00	LOC647135	XM_930578	similar to SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) (Formin-binding protein 2)
1	0.00E+00	LOC644605	XM_927717	hypothetical protein LOC644605
1	0.00E+00	KIAA0467	BC052802	KIAA0467
1	0.00E+00	C1orf34	XM_934654	chromosome 1 open reading frame 34
1	0.00E+00	PPIE	DQ160195	peptidylprolyl isomerase E (cyclophilin E)
1	0.00E+00	C1orf176	BC021969	chromosome 1 open reading frame 176
1	0.00E+00	FDPS	NM_002004	farnesyl diphosphate synthase
1	0.00E+00	PIK3C2B	NM_002646	phosphoinositide-3-kinase, class 2, beta polypeptide
1	0.00E+00	KCNQ4	NM_004700	potassium voltage-gated channel, KQT-like subfamily, member 4
1	0.00E+00	RCSD1	BC013186	RCSD domain containing 1
1	0.00E+00	GUCA2A	NM_033553	guanylate cyclase activator 2A (guanylin)
1	0.00E+00	MFSD2	NM_032793	major facilitator superfamily domain containing 2
1	0.00E+00	EPS8L3	NM_133181	EPS8-like 3
1	0.00E+00	IGSF4B	BC033819	immunoglobulin superfamily, member 4B
1	0.00E+00	USP1	NM_001017415	ubiquitin specific peptidase 1
1	0.00E+00	RIMS3	NM_014747	regulating synaptic membrane exocytosis 3
1	0.00E+00	ZNF691	NM_015911	zinc finger protein 691
1	0.00E+00	USF1	NM_007122	upstream transcription factor 1
1	0.00E+00	C1orf145	NM_001025495	chromosome 1 open reading frame 145
1	9.40E-04	CDC42SE1	BC012796	CDC42 small effector 1
1	9.40E-04	MLLT11	BC022448	myeloid/lymphoid or mixed-lineage leukemia
1	9.40E-04	ZMYND12	BC024186	zinc finger, MYND-type containing 12
1	9.40E-04	PPCS	BC112015	phosphopantothienylcysteine synthetase
1	1.07E-03	SLC16A1	BC026317	solute carrier family 16 (monocarboxylic acid transporters), member 1
1	1.07E-03	MED8	BC010543	mediator of RNA polymerase II transcription, subunit 8 homolog (S. cerevisiae)
1	1.07E-03	C1orf84	NM_182518	chromosome 1 open reading frame 84
1	1.44E-03	GBA	BC000349	glucosidase, beta%3B acid (includes glucosylceramidase)
1	1.44E-03	PRCC	NM_199416	papillary renal cell carcinoma (translocation-associated)
1	1.44E-03	LOC149134	NM_207326	hypothetical protein LOC149134
1	1.44E-03	SH3BP5L	NM_030645	SH3-binding domain protein 5-like
1	1.44E-03	RLF	NM_012421	rearranged L-myc fusion
1	1.81E-03	RP11-312O7.1	XM_934223	novel protein

1	1.81E-03	FAM72A	AB096683	family with sequence similarity 72, member A
1	1.81E-03	OR2T2	NM_001004136	olfactory receptor, family 2, subfamily T, member 2
1	1.95E-03	MAPKAPK2	NM_032960	mitogen-activated protein kinase-activated protein kinase 2
1	1.95E-03	KIF26B	AK001019	kinesin family member 26B
1	1.95E-03	OXCT2	NM_022120	3-oxoacid CoA transferase 2
1	2.29E-03	CAP1	BC095440	CAP, adenylate cyclase-associated protein 1 (yeast)
1	2.92E-03	C1orf104	NM_001039517	chromosome 1 open reading frame 104
1	3.10E-03	PTPRU	NM_005704	protein tyrosine phosphatase, receptor type, U
1	3.51E-03	C1orf106	AK001583	chromosome 1 open reading frame 106
1	4.05E-03	DUSP5P	AK092260	dual specificity phosphatase 5 pseudogene
1	4.05E-03	RP4-621O15.2	AK055963	hypothetical protein FLJ31401
1	4.05E-03	LOC645014	XM_928076	similar to hypothetical protein FLJ31401
1	4.39E-03	PPFIA4	NM_015053	protein tyrosine phosphatase, receptor type, f polypeptide, interacting protein, alpha 4
1	4.39E-03	ADORA1	BC026340	adenosine A1 receptor
1	4.39E-03	PCNXL2	NM_024938	pecanex-like 2 (Drosophila)
1	4.78E-03	ZNF496	NM_032752	zinc finger protein 496
1	5.11E-03	ANKRD35	BC101618	ankyrin repeat domain 35
1	5.11E-03	RAG1AP1	BC009621	recombination activating gene 1 activating protein 1
1	5.11E-03	EXOC8	BC035763	exocyst complex component 8
1	5.11E-03	C1orf124	NM_032018	chromosome 1 open reading frame 124
1	5.11E-03	ZMPSTE24	BC037283	zinc metalloproteinase (STE24 homolog, yeast)
1	5.11E-03	YBX1	BC070084	Y box binding protein 1
1	6.37E-03	LOC644539	XM_927663	similar to sorting nexin associated golgi protein 1
1	6.37E-03	NOTCH2NL	NM_203458	Notch homolog 2 (Drosophila) N-terminal like
1	6.37E-03	MARCKSL1	BC066915	MARCKS-like 1
1	6.37E-03	SMAP1L	BC021133	stromal membrane-associated protein 1-like
1	6.38E-03	KIAA0859	BC029083	KIAA0859
1	6.80E-03	GPR61	BC067464	G protein-coupled receptor 61
1	6.80E-03	GNAI3	BC025285	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 3
1	6.80E-03	POLR3GL	NM_032305	polymerase (RNA) III (DNA directed) polypeptide G (32kD) like
1	6.80E-03	LAMB3	NM_000228	laminin, beta 3
1	6.90E-03	WDR3	NM_006784	WD repeat domain 3
1	6.90E-03	GDAP2	NM_017686	ganglioside induced differentiation associated protein 2
1	7.02E-03	NBPF10	NM_001039703	neuroblastoma breakpoint family, member 10
1	7.02E-03	NBPF1	XM_934957	neuroblastoma breakpoint family, member 1
1	7.89E-03	AMY1A	NM_001008221	amylase, alpha 1A%3B salivary
1	7.89E-03	NBPF15	AY894566	neuroblastoma breakpoint family, member 15
1	7.89E-03	NBPF8	AY894562	neuroblastoma breakpoint family, member 8
1	7.89E-03	LOC644291	XM_934083	similar to CG10522-PA
1	7.89E-03	LOC645126	XM_928158	similar to profilin 1
1	7.89E-03	TMEM58	BC111855	transmembrane protein 58
1	8.10E-03	C1orf41	NM_016126	chromosome 1 open reading frame 41
1	8.10E-03	LRRC42	NM_052940	leucine rich repeat containing 42
1	8.20E-03	NPR1	BC063304	natriuretic peptide receptor A/guanylate cyclase A (atrionatriuretic peptide receptor A)
1	8.27E-03	NIT1	BC046149	nitrilase 1
1	8.27E-03	PFDN2	NM_012394	prefoldin subunit 2
1	8.27E-03	FCER1G	NM_004106	Fc fragment of IgE, high affinity I, receptor for%3B gamma polypeptide
1	8.27E-03	CEP350	NM_014810	centrosomal protein 350kDa
1	8.27E-03	NFYC	AK000346	nuclear transcription factor Y, gamma
1	9.29E-03	MAGI3	NM_020965	membrane associated guanylate kinase, WW and PDZ domain containing 3
1	9.29E-03	RNASEL	CR627369	ribonuclease L (2',5'-oligoadenylate synthetase-dependent)
1	9.45E-03	PDE4DIP	AB007923	phosphodiesterase 4D interacting protein (myomegalin)

1	9.45E-03	IER5	NM_016545	immediate early response 5
1	9.70E-03	C1orf2	AL353941	chromosome 1 open reading frame 2
1	9.70E-03	CD48	BC030224	CD48 molecule
2	0.00E+00	C2orf30	BC022228	chromosome 2 open reading frame 30
2	0.00E+00	ASB3	NM_016115	ankyrin repeat and SOCS box-containing 3
2	0.00E+00	SLC4A5	BC109221	solute carrier family 4, sodium bicarbonate cotransporter, member 5
2	0.00E+00	ZNF513	BC052282	zinc finger protein 513
2	0.00E+00	LOC349338	NM_182905	CXYorf1-related protein
2	0.00E+00	C2orf14	AL136789	chromosome 2 open reading frame 14
2	0.00E+00	LOC440905	NM_001013711	hypothetical protein LOC440905
2	0.00E+00	MGC13005	BC005070	hypothetical protein MGC13005
2	0.00E+00	LOC643905	XM_927170	similar to protocadherin 15b
2	0.00E+00	TGOLN2	BC028219	trans-golgi network protein 2
2	0.00E+00	LOC442028	BC042429	hypothetical LOC442028
2	9.40E-04	ABCB6	BC043423	ATP-binding cassette, sub-family B (MDR/TAP), member 6
2	9.40E-04	CYP26B1	BC069443	cytochrome P450, family 26, subfamily B, polypeptide 1
2	9.40E-04	LBX2	NM_001009812	ladybird homeobox homolog 2 (Drosophila)
2	1.07E-03	ABHD1	NM_152870	abhydrolase domain containing 1
2	1.07E-03	CGREF1	NM_006569	cell growth regulator with EF-hand domain 1
2	1.44E-03	RABL2A	CR456554	RAB, member of RAS oncogene family-like 2A
2	1.44E-03	TMEM37	BC046362	transmembrane protein 37
2	1.44E-03	DQX1	NM_133637	DEAQ box polypeptide 1 (RNA-dependent ATPase)
2	1.44E-03	HTRA2	NM_145074	HtrA serine peptidase 2
2	1.81E-03	RP11-34P13.4	AF346307	F379 retina-specific protein
2	2.29E-03	LOC51255	NM_016494	hypothetical protein LOC51255
2	2.92E-03	FLJ38379	AK095698	hypothetical protein FLJ38379
2	3.25E-03	STAT1	NM_007315	signal transducer and activator of transcription 1, 91kDa
2	4.05E-03	MGC42174	AK094293	hypothetical protein MGC42174
2	6.37E-03	AFF3	NM_002285	AF4/FMR2 family, member 3
2	6.80E-03	ASNSD1	BC001243	asparagine synthetase domain containing 1
2	6.80E-03	PNPT1	NM_033109	polyribonucleotide nucleotidyltransferase 1
2	6.90E-03	LIMS3	NM_033514	LIM and senescent cell antigen-like domains 3
2	7.89E-03	EIF2B4	NM_172195	eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa
2	7.89E-03	SNX17	NM_014748	sorting nexin 17
2	8.20E-03	ASCC3L1	NM_014014	activating signal cointegrator 1 complex subunit 3-like 1
2	8.27E-03	ANKZF1	NM_018089	ankyrin repeat and zinc finger domain containing 1
2	8.77E-03	PREI3	NM_199482	preimplantation protein 3
3	0.00E+00	C3orf32	BC052614	chromosome 3 open reading frame 32
3	0.00E+00	STT3B	AK074587	STT3, subunit of the oligosaccharyltransferase complex, homolog B (S. cerevisiae)
3	0.00E+00	ZFYVE20	NM_022340	zinc finger, FYVE domain containing 20
3	0.00E+00	TCTA	BC005157	T-cell leukemia translocation altered gene
3	0.00E+00	RHOA	NM_001664	ras homolog gene family, member A
3	0.00E+00	MCM2	NM_004526	MCM2 minichromosome maintenance deficient 2, mitotin (S. cerevisiae)
3	0.00E+00	UCN2	BC022096	urocortin 2
3	9.40E-04	C3orf29	NM_022485	chromosome 3 open reading frame 29
3	3.25E-03	EIF4G1	AF104913	eukaryotic translation initiation factor 4 gamma, 1
3	3.25E-03	MUC4	NM_018406	mucin 4, cell surface associated
3	3.25E-03	BRPF1	NM_004634	bromodomain and PHD finger containing, 1
3	5.11E-03	XPC	BC016620	xeroderma pigmentosum, complementation group C
3	5.11E-03	LSM3	BC007055	LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae)
3	6.37E-03	LMLN	AJ312398	leishmanolysin-like (metallopeptidase M8 family)
3	6.37E-03	IQCG	NM_032263	IQ motif containing G

3	6.37E-03	RFT1	NM_052859	RFT1 homolog (<i>S. cerevisiae</i>)
3	6.80E-03	GTF2E1	AK223401	general transcription factor IIE, polypeptide 1, alpha 56kDa
3	6.80E-03	RABL3	NM_173825	RAB, member of RAS oncogene family-like 3
3	6.80E-03	SEMA3G	NM_020163	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G
3	9.29E-03	TTL3	BC105638	tubulin tyrosine ligase-like family, member 3
3	9.70E-03	C3orf54	NM_203370	chromosome 3 open reading frame 54
3	9.70E-03	LOC389118	NM_001007540	VLLR9392
4	0.00E+00	DUB3	BC100993	deubiquitinating enzyme 3
4	0.00E+00	LOC653460	XM_377835	similar to deubiquitinating enzyme 3
4	0.00E+00	LOC653462	XM_377836	similar to deubiquitinating enzyme 3
4	0.00E+00	CCDC96	BC105055	coiled-coil domain containing 96
4	0.00E+00	LOC653545	XM_928008	similar to double homeobox, 4
4	0.00E+00	LOC441056	XM_496731	similar to double homeobox, 4
4	0.00E+00	DUX4	NM_033178	double homeobox, 4
4	0.00E+00	LOC653548	XM_928023	similar to double homeobox, 4
4	0.00E+00	MAEA	AK125501	macrophage erythroblast attacher
4	0.00E+00	FGFRL1	BC036769	fibroblast growth factor receptor-like 1
4	0.00E+00	DUX4C	NM_001023569	double homeobox 4c
4	9.40E-04	EREG	NM_001432	epiregulin
4	1.44E-03	LOC653544	XM_928003	similar to double homeobox, 4
4	1.81E-03	PCDH7	NM_032456	BH-protocadherin (brain-heart)
4	1.81E-03	LOC653454	XM_377832	similar to deubiquitinating enzyme 3
4	1.81E-03	LOC653455	XM_927464	similar to deubiquitinating enzyme 3
4	2.29E-03	LOC653465	XM_377837	similar to deubiquitinating enzyme 3
4	3.25E-03	LOC653543	XM_928000	similar to double homeobox, 4
4	4.78E-03	MLF1IP	BC031520	MLF1 interacting protein
4	5.11E-03	SH3BP2	BC022996	SH3-domain binding protein 2
4	6.37E-03	LOC653549	XM_928031	similar to double homeobox, 4
4	6.80E-03	RGS12	NM_198430	regulator of G-protein signalling 12
4	6.90E-03	DDIT4L	NM_145244	DNA-damage-inducible transcript 4-like
4	6.90E-03	LOC402110	NM_001013695	hypothetical LOC402110
5	0.00E+00	CEP72	BC000132	centrosomal protein 72kDa
5	0.00E+00	LOC153561	BC035411	hypothetical protein LOC153561
5	0.00E+00	KIAA1909	AK125163	KIAA1909 protein
5	0.00E+00	TPPP	NM_007030	brain-specific protein p25 alpha
5	0.00E+00	PCDH12	NM_016580	protocadherin 12
5	0.00E+00	FLJ40092	AK097411	FLJ40092 protein
5	0.00E+00	ZDHHC11	NM_024786	zinc finger, DHHC-type containing 11
5	1.44E-03	LOC653866	BC064557	similar to TFIIF basal transcription factor complex p44 subunit
5	1.44E-03	GTF2H2	NM_001515	general transcription factor IIH, polypeptide 2, 44kDa
5	1.44E-03	DKFZP686P18101	BC105980	similar to TFIIF basal transcription factor complex p44 subunit
5	3.10E-03	THOC3	BC068499	THO complex 3
5	3.51E-03	SDHA	BC041016	succinate dehydrogenase complex, subunit A, flavoprotein (Fp)
5	4.39E-03	B4GALT7	NM_007255	xylosylprotein beta 1,4-galactosyltransferase, polypeptide 7 (galactosyltransferase I)
5	5.01E-03	ANKHD1	NM_017978	ankyrin repeat and KH domain containing 1
5	5.01E-03	MASK-BP3	NM_020690	MASK-4E-BP3 alternate reading frame gene
5	5.11E-03	SLC35A4	AF445025	solute carrier family 35, member A4
5	5.11E-03	APBB3	NM_006051	amyloid beta (A4) precursor protein-binding, family B, member 3
5	6.37E-03	UBLCP1	NM_145049	ubiquitin-like domain containing CTD phosphatase 1
5	6.37E-03	AHRR	NM_020731	aryl-hydrocarbon receptor repressor
5	6.80E-03	HSPA4	NM_002154	heat shock 70kDa protein 4
5	6.80E-03	DKFZP686M0199	XM_932452	similar to TFIIF basal transcription factor complex p44 subunit

5	6.80E-03	LOC643984	XM_927234	similar to nuclear pore membrane protein 121
5	6.90E-03	UTP15	NM_032175	UTP15, U3 small nucleolar ribonucleoprotein, homolog (yeast)
5	6.90E-03	ANKRA2	NM_023039	ankyrin repeat, family A (RFXANK-like), 2
5	7.02E-03	MSX2	NM_002449	msh homeobox homolog 2 (Drosophila)
5	7.89E-03	MRPL36	BC104652	mitochondrial ribosomal protein L36
5	7.89E-03	NDUFS6	NM_004553	NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13kDa (NADH-coenzyme Q reductase)
5	9.45E-03	LOC646652	XM_929595	integral membrane glycoprotein-like
6	0.00E+00	TNXB	BC033740	tenascin XB
6	0.00E+00	WISP3	NM_003880	WNT1 inducible signaling pathway protein 3
6	0.00E+00	DDR1	NM_001954	discoidin domain receptor family, member 1
6	0.00E+00	LOC653483	AB016898	similar to myeloid/lymphoid or mixed-lineage leukemia
6	0.00E+00	MLLT4	NM_001040000	myeloid/lymphoid or mixed-lineage leukemia
6	0.00E+00	SF3B5	BC000198	splicing factor 3b, subunit 5, 10kDa
6	0.00E+00	EFHC1	BC020210	EF-hand domain (C-terminal) containing 1
6	9.40E-04	LTB	BC069330	lymphotoxin beta (TNF superfamily, member 3)
6	9.40E-04	LST1	NM_205840	leukocyte specific transcript 1
6	1.44E-03	CYP21A2	NM_000500	cytochrome P450, family 21, subfamily A, polypeptide 2
6	1.44E-03	TAP1	BC014081	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)
6	1.44E-03	PSMB9	NM_002800	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2)
6	2.29E-03	NEU1	NM_000434	sialidase 1 (lysosomal sialidase)
6	3.10E-03	TAP2	BC002751	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)
6	3.51E-03	PPP2R5D	NM_006245	protein phosphatase 2, regulatory subunit B (B56), delta isoform
6	3.51E-03	PEX6	BC048331	peroxisomal biogenesis factor 6
6	4.39E-03	C6orf154	NM_001012974	chromosome 6 open reading frame 154
6	4.39E-03	POLR1C	NM_203290	polymerase (RNA) I polypeptide C, 30kDa
6	4.78E-03	CUTA	NM_001014840	cutA divalent cation tolerance homolog (E. coli)
6	5.11E-03	C4A	NM_007293	complement component 4A (Rodgers blood group)
6	5.11E-03	AGPAT1	NM_006411	1-acylglycerol-3-phosphate O-acyltransferase 1
6	5.11E-03	RNF5	NM_006913	ring finger protein 5
6	6.37E-03	C6orf153	NM_033112	chromosome 6 open reading frame 153
6	6.80E-03	C4B	NM_001002029	complement component 4B (Childo blood group)
6	8.10E-03	TNF	NM_000594	tumor necrosis factor (TNF superfamily, member 2)
6	8.10E-03	C6orf25	NM_138277	chromosome 6 open reading frame 25
6	8.10E-03	LY6G6C	NM_025261	lymphocyte antigen 6 complex, locus G6C
6	8.20E-03	HLA-DOA	BC013183	major histocompatibility complex, class II, DO alpha
6	8.27E-03	RXRβ	X66424	retinoid X receptor, beta
6	8.27E-03	SLC39A7	BC000645	solute carrier family 39 (zinc transporter), member 7
6	9.45E-03	FKBP6	BC004168	FK506 binding protein like
6	9.45E-03	CREBL1	U31903	cAMP responsive element binding protein-like 1
6	9.45E-03	ZBTB9	BC014978	zinc finger and BTB domain containing 9
7	0.00E+00	LOC389517	BC068610	similar to Williams Beuren syndrome chromosome region 19
7	0.00E+00	LOC441257	BC110795	hypothetical LOC441257
7	0.00E+00	LOC643909	XM_933690	region containing similar to Williams Beuren syndrome chromosome region
7	0.00E+00	LOC441258	XM_933682	similar to Williams Beuren syndrome chromosome region 19
7	0.00E+00	LOC647090	XM_930104	similar to zinc finger protein 658B
7	0.00E+00	LOC647089	XM_934342	hypothetical protein LOC647089
7	0.00E+00	FLJ21767	XM_934280	hypothetical protein FLJ21767
7	0.00E+00	BLVRA	NM_000712	biliverdin reductase A
7	1.07E-03	SLC4A2	NM_003040	solute carrier family 4, anion exchanger, member 2
7	1.44E-03	LOC643862	XM_933520	region containing similar to Williams Beuren syndrome chromosome region
7	3.51E-03	TRIM50	BC112152	tripartite motif-containing 50
7	3.51E-03	FKBP6	BC036817	FK506 binding protein 6, 36kDa

7	3.51E-03	DTX2	BC064535	deltex homolog 2 (Drosophila)
7	5.11E-03	POLR2J	BC024165	polymerase (RNA) II (DNA directed) polypeptide J, 13.3kDa
7	6.37E-03	LOC442609	XM_934921	similar to Williams Beuren syndrome chromosome region 19
7	6.37E-03	LOC643920	XM_933696	region containing similar to Williams Beuren syndrome chromosome region
7	6.37E-03	GATS	AK055399	opposite strand transcription unit to STAG3
7	6.38E-03	POLR2J2	BC050405	DNA directed RNA polymerase II polypeptide J-related gene
7	6.80E-03	RHBDD2	NM_020684	rhomboid domain containing 2
7	6.80E-03	LOC645352	XM_928394	hypothetical protein LOC645352
7	6.80E-03	KIAA1505	NM_020879	KIAA1505 protein
7	9.70E-03	C7orf28B	NM_198097	chromosome 7 open reading frame 28B
7	9.70E-03	C7orf28A	BC067810	chromosome 7 open reading frame 28A
8	0.00E+00	LOC645701	XM_928712	hypothetical protein LOC645701
8	0.00E+00	FAM90A9	XM_496956	family with sequence similarity 90, member A9
8	0.00E+00	LOC645718	XM_928726	hypothetical protein LOC645718
8	0.00E+00	DOK2	BC032623	docking protein 2, 56kDa
8	0.00E+00	LOC645362	XM_928404	hypothetical protein LOC645362
8	0.00E+00	LOC349196	BC093747	hypothetical protein LOC349196
8	0.00E+00	LOC441314	XM_496946	hypothetical LOC441314
8	0.00E+00	KIAA1967	NM_199205	KIAA1967
8	0.00E+00	ZNF703	NM_025069	zinc finger protein 703
8	0.00E+00	LOC642867	XM_931130	hypothetical protein LOC642867
8	0.00E+00	ZNF7	NM_003416	zinc finger protein 7 (KOX 4, clone HF.16)
8	0.00E+00	EXT1	BC001174	exostoses (multiple) 1
8	0.00E+00	REXO1L1	NM_172239	REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 1
8	0.00E+00	REXO1L5P	XM_496983	REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 5 (pseudogene)
8	0.00E+00	REXO1L7P	XM_496985	REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 7 (pseudogene)
8	0.00E+00	REXO1L2P	XM_496984	REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 2 (pseudogene)
8	0.00E+00	REXO1L6P	XM_376784	REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 6 (pseudogene)
8	0.00E+00	MGC70857	BC073936	similar to RIKEN cDNA C030006K11 gene
8	0.00E+00	LRRC24	BC111067	leucine rich repeat containing 24
8	1.95E-03	LYPD2	NM_205545	LY6/PLAUR domain containing 2
8	4.78E-03	LOC653333	XM_932804	similar to CG7889-PA
8	4.78E-03	FAM86B1	AK098138	family with sequence similarity 86, member B1
8	5.11E-03	LY6E	NM_002346	lymphocyte antigen 6 complex, locus E
8	5.11E-03	SPATC1	BC050390	spermatogenesis and centriole associated 1
8	5.85E-03	HSF1	NM_005526	heat shock transcription factor 1
8	6.37E-03	BIN3	NM_018688	bridging integrator 3
8	6.37E-03	TRIM35	BC069226	tripartite motif-containing 35
8	6.37E-03	PTK2B	NM_004103	PTK2B protein tyrosine kinase 2 beta
8	6.80E-03	LOC441325	XM_496954	hypothetical LOC441325
8	6.80E-03	LOC645689	XM_928698	hypothetical protein LOC645689
8	6.80E-03	CALB1	BC006478	calbindin 1, 28kDa
8	6.90E-03	FAM90A10	XM_496957	family with sequence similarity 90, member A10
8	8.20E-03	LOC645681	XM_928690	hypothetical protein LOC645681
8	8.20E-03	FAM90A8	XM_496953	family with sequence similarity 90, member A8
8	9.29E-03	LOC645673	XM_928684	hypothetical protein LOC645673
8	9.45E-03	SCRIB	AF318352	scribbled homolog (Drosophila)
8	9.45E-03	RGS20	BC063490	regulator of G-protein signalling 20
8	9.45E-03	LOC441326	XM_496955	hypothetical LOC441326
8	9.45E-03	LOC645660	XM_928674	hypothetical protein LOC645660
8	9.45E-03	LOC645732	XM_928743	hypothetical protein LOC645732
8	9.45E-03	TMEM64	NM_001008495	transmembrane protein 64

8	9.45E-03	RBM35A	NM_001034915	RNA binding motif protein 35A
9	0.00E+00	LOC504188	NM_001013404	hypothetical LOC504188
9	0.00E+00	RP11-561O23.3	BC103887	FOXD4-like 2
9	0.00E+00	LOC653404	XM_928867	similar to FOXD4-like 2
9	0.00E+00	LOC440896	XM_932224	hypothetical gene supported by AK127288%3B AY343901
9	0.00E+00	FLJ00038	XM_930631	CXYorf1-related protein
9	0.00E+00	LOC158318	NM_001024608	similar to hypothetical protein MGC42630
9	0.00E+00	LOC645536	XM_928555	similar to hypothetical protein MGC13005
9	0.00E+00	LOC653305	XM_926770	similar to similar to chromosome 2 open reading frame 27
9	0.00E+00	LOC643428	XM_926764	hypothetical protein LOC643428
9	0.00E+00	LOC643451	XM_931554	hypothetical protein LOC643451
9	0.00E+00	FIBCD1	AK027716	fibrinogen C domain containing 1
9	0.00E+00	BAG1	BC014774	BCL2-associated athanogene
9	0.00E+00	CHMP5	NM_016410	omatin modifying protein 5
9	0.00E+00	MGC42630	NM_175923	hypothetical protein MGC42630
9	0.00E+00	IL11RA	NM_147162	interleukin 11 receptor, alpha
9	0.00E+00	LOC643473	XM_926797	hypothetical protein LOC643473
9	0.00E+00	LOC644175	XM_927374	hypothetical protein LOC644175
9	0.00E+00	LOC643466	XM_926789	hypothetical protein LOC643466
9	9.40E-04	MAN1B1	AF145732	mannosidase, alpha, class 1B, member 1
9	9.40E-04	LOC286260	XM_926851	hypothetical protein LOC286260
9	1.44E-03	ARID3C	NM_001017363	AT rich interactive domain 3C (BRIGHT- like)
9	2.77E-03	SLC35D2	BC100278	solute carrier family 35, member D2
9	2.92E-03	NDOR1	BC093782	NADPH dependent diflavin oxidoreductase 1
9	2.92E-03	MGC14327	BC067786	hypothetical protein MGC14327
9	2.92E-03	FOXD4L3	NM_199358	forkhead box D4-like 3
9	2.92E-03	LOC644781	XM_496584	similar to hypothetical gene supported by AK127288%3B AY343901
9	3.10E-03	LOC644769	XM_932357	hypothetical protein LOC644769
9	3.25E-03	ATP6V1G1	BC008452	ATPase, H+ transporting, lysosomal 13kDa, V1 subunit G1
9	3.25E-03	CACNA1B	M94173	calcium channel, voltage-dependent, L type, alpha 1B subunit
9	3.25E-03	JAK2	NM_004972	Janus kinase 2 (a protein tyrosine kinase)
9	4.39E-03	KGFLP1	AY098593	keratinocyte growth factor-like protein 1
9	4.39E-03	LOC643666	XM_926971	similar to Keratinocyte growth factor precursor (KGF) (Fibroblast growth factor 7)
9	4.39E-03	LOC441408	XM_497029	hypothetical LOC441408
9	5.11E-03	LOC642429	XM_925943	similar to chromosome 9 open reading frame 36
9	6.37E-03	SLC31A2	BC026252	solute carrier family 31 (copper transporters), member 2
9	6.80E-03	RPL35	BC094828	ribosomal protein L35
9	8.20E-03	DNAI1	BC030583	dynein, axonemal, intermediate polypeptide 1
9	8.20E-03	C9orf25	BC041009	chromosome 9 open reading frame 25
9	8.27E-03	LOC554249	BC084570	hypothetical LOC554249
9	8.27E-03	RP11-262H14.4	AK092305	hypothetical protein MGC21881
9	8.27E-03	FLJ20444	XM_933028	hypothetical protein FLJ20444
9	9.29E-03	KGFLP2	NM_001039113	keratinocyte growth factor-like protein 2
10	0.00E+00	C10orf108	NM_001012714	chromosome 10 open reading frame 108
10	0.00E+00	LOC642422	XM_926167	hypothetical protein LOC642422
10	1.44E-03	LOC399744	NM_001013665	hypothetical LOC399744
10	0.00E+00	DUX1	NM_012146	double homeobox, 1
10	0.00E+00	LOC440013	XM_495854	similar to double homeobox 4c
10	0.00E+00	LOC440017	XM_495858	similar to double homeobox 4c
10	0.00E+00	MTG1	BC026039	mitochondrial GTPase 1 homolog (S. cerevisiae)
10	8.10E-03	CDH23	AY563162	cadherin-like 23
11	0.00E+00	LOC642369	XM_925901	hypothetical protein LOC642369

11	0.00E+00	IFITM3	NM_021034	interferon induced transmembrane protein 3 (1-8U)
11	0.00E+00	CENTD2	NM_139181	centaurin, delta 2
11	0.00E+00	EHBPL1	XM_934343	EH domain binding protein 1-like 1
11	0.00E+00	ZW10	NM_004724	ZW10, kinetochore associated, homolog (Drosophila)
11	0.00E+00	CCDC15	NM_025004	coiled-coil domain containing 15
11	1.88E-03	KRTAP5-6	NM_001012416	keratin associated protein 5-6
11	4.39E-03	ESRRA	L38487	estrogen-related receptor alpha
11	4.39E-03	DPP3	NM_005700	dipeptidyl-peptidase 3
11	4.39E-03	PHOX2A	NM_005169	paired-like (aristales) homeobox 2a
11	7.52E-03	FIBP	BC017448	fibroblast growth factor (acidic) intracellular binding protein
11	7.52E-03	CCDC85B	NM_006848	coiled-coil domain containing 85B
11	8.77E-03	LOC642724	XM_927562	similar to mucin 6, gastric
11	8.77E-03	MUC6	AK096772	mucin 6, oligomeric mucus/gel-forming
11	8.77E-03	PSMC3	BC106920	proteasome (prosome, macropain) 26S subunit, ATPase, 3
11	8.77E-03	DAK	BC001341	dihydroxyacetone kinase 2 homolog (S. cerevisiae)
11	8.77E-03	DDB1	BC050530	damage-specific DNA binding protein 1, 127kDa
11	9.57E-03	TNKS1BP1	AK124903	tankyrase 1 binding protein 1, 182kDa
12	0.00E+00	ATN1	NM_001007026	atrophin 1
12	0.00E+00	IGFBP6	NM_002178	insulin-like growth factor binding protein 6
12	0.00E+00	SOAT2	NM_003578	sterol O-acyltransferase 2
12	0.00E+00	MBD6	AK093078	methyl-CpG binding domain protein 6
12	0.00E+00	DDIT3	NM_004083	DNA-damage-inducible transcript 3
12	0.00E+00	PXN	BC052611	paxillin
12	1.88E-03	HOXC8	NM_022658	homeobox C8
12	4.39E-03	WSB2	NM_018639	WD repeat and SOCS box-containing 2
12	8.77E-03	NDUFA4L2	BC011910	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2
13	0.00E+00	GRK1	NM_002929	G protein-coupled receptor kinase 1
14	3.10E-03	ISGF3G	NM_006084	interferon-stimulated transcription factor 3, gamma 48kDa
14	8.10E-03	TDP1	BC006083	tyrosyl-DNA phosphodiesterase 1
14	8.10E-03	C14orf143	BX247991	chromosome 14 open reading frame 143
14	9.57E-03	AP1G2	BC051833	adaptor-related protein complex 1, gamma 2 subunit
15	0.00E+00	LOC400968	NM_001013678	hypothetical LOC400968
15	0.00E+00	PPCDC	BC014409	phosphopantothienoylcysteine decarboxylase
15	0.00E+00	FLJ22795	AF316855	hypothetical protein FLJ22795
15	4.39E-03	TUBGCP5	NM_052903	tubulin, gamma complex associated protein 5
16	0.00E+00	CCDC95	NM_173618	coiled-coil domain containing 95
16	0.00E+00	LOC339047	BC046145	hypothetical protein LOC339047
16	0.00E+00	LOC441763	XM_930284	hypothetical LOC441763
16	0.00E+00	LOC649159	NM_001040069	similar to CG7467-PA, isoform A
16	0.00E+00	HS3ST6	NM_001009606	heparan sulfate (glucosamine) 3-O-sulfotransferase 6
16	0.00E+00	TRAF7	BC024267	TNF receptor-associated factor 7
16	0.00E+00	AMDHD2	AF132948	amidohydrolase domain containing 2
16	0.00E+00	SRCAP	BC052963	Snf2-related CBP activator protein
16	0.00E+00	CBFA2T3	NM_175931	core-binding factor, runt domain, alpha subunit 2%3B translocated to, 3
16	2.39E-03	GALNS	NM_000512	galactosamine (N-acetyl)-6-sulfate sulfatase
16	2.39E-03	HSPC176	BC017440	hematopoietic stem/progenitor cells 176
16	2.39E-03	NULP1	AF130092	NULP1
16	5.85E-03	SMPD3	BC112238	sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelinase II)
16	5.85E-03	LOC643895	XM_929840	hypothetical protein LOC643895
17	0.00E+00	LOC653673	XM_935258	similar to TBC1 domain family, member 3B
17	0.00E+00	TBC1D3C	BC071680	TBC1 domain family, member 3C
17	0.00E+00	TBC1D3	BC078140	TBC1 domain family, member 3

17	0.00E+00	TBC1D3B	BC075809	TBC1 domain family, member 3B
17	0.00E+00	LOC653682	XM_935326	similar to TBC1 domain family member 3 (Rab GTPase-activating protein PRC17)
17	5.85E-03	SIRT7	NM_016538	sirtuin (silent mating type information regulation 2 homolog) 7 (<i>S. cerevisiae</i>)
17	7.52E-03	OTOP2	NM_178160	otopetrin 2
17	7.52E-03	USH1G	NM_173477	Usher syndrome 1G (autosomal recessive)
17	8.77E-03	ORMDL3	NM_139280	ORM1-like 3 (<i>S. cerevisiae</i>)
17	8.77E-03	FLJ45079	NM_001001685	FLJ45079 protein
19	0.00E+00	C19orf35	NM_198532	chromosome 19 open reading frame 35
19	0.00E+00	KCNN4	NM_002250	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4
19	0.00E+00	DLL3	NM_016941	delta-like 3 (<i>Drosophila</i>)
19	0.00E+00	KCNC3	NM_004977	potassium voltage-gated channel, Shaw-related subfamily, member 3
19	0.00E+00	EDG6	BC014970	endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor, 6
19	0.00E+00	ARHGEF1	BC035127	Rho guanine nucleotide exchange factor (GEF) 1
19	0.00E+00	ZNF272	NM_006635	zinc finger protein 272
19	0.00E+00	LOC147650	BC104209	hypothetical protein LOC147650
19	1.88E-03	ANGPTL6	NM_031917	angiopoietin-like 6
19	1.88E-03	PPAN	BC033202	peter pan homolog (<i>Drosophila</i>)
19	1.88E-03	ZNF42	NM_198055	zinc finger protein 42 (myeloid-specific retinoic acid-responsive)
19	1.88E-03	MGC2752	NM_023939	hypothetical protein MGC2752
19	2.39E-03	GPR42	NM_005305	G protein-coupled receptor 42
19	2.39E-03	FFAR3	BC035657	free fatty acid receptor 3
19	2.39E-03	GNG8	BC095514	guanine nucleotide binding protein (G protein), gamma 8
19	3.10E-03	ZNF565	NM_152477	zinc finger protein 565
19	3.10E-03	NUP62	BC014842	nucleoporin 62kDa
20	0.00E+00	LOC391257	BC065723	SUMO1 pseudogene 1
20	0.00E+00	C20orf151	AK128718	chromosome 20 open reading frame 151
20	0.00E+00	C20orf59	NM_022082	chromosome 20 open reading frame 59
20	1.88E-03	CSNK2A1	NM_177560	casein kinase 2, alpha 1 polypeptide
21	0.00E+00	NDUFV3	NM_021075	NADH dehydrogenase (ubiquinone) flavoprotein 3, 10kDa
21	4.39E-03	TCPI0L	BC033855	t-complex 10 (mouse)-like
21	8.77E-03	ZNF294	NM_015565	zinc finger protein 294
22	0.00E+00	ACTBL1	NM_001004053	actin, beta-like 1
22	0.00E+00	LOC653257	XM_932654	similar to Gamma-glutamyltranspeptidase 1 precursor (Gamma-glutamyltransferase 1)
22	0.00E+00	DKFZp434K191	BC051721	hypothetical protein DKFZp434K191
22	0.00E+00	LOC643318	XM_932716	hypothetical protein LOC643318
17_random	7.52E-03	ANAPC11	AF151048	APC11 anaphase promoting complex subunit 11 homolog (yeast)
X	0.00E+00	SLC38A5	BC019246	solute carrier family 38, member 5
X	1.88E-03	GPR101	BC069439	G protein-coupled receptor 101
X	3.10E-03	FAM39A	XM_377073	family with sequence similarity 39, member A
Y	0.00E+00	LOC642499	XM_925999	similar to chromosome Y open reading frame 16
Y	0.00E+00	TSPY1	U58096	testis specific protein, Y-linked 1
Y	0.00E+00	LOC653168	XM_926605	similar to testis specific protein, Y-linked 1
Y	0.00E+00	TSPY2	BC075016	testis specific protein, Y-linked 2

Table S2. p200 Target Genes Identified by ChIP-chip (FDR 0.01-0.05).

CHR	FDR	Name	Accession	Description
1	1.00E-02	CYB561D1	BX647509	cytoome b-561 domain containing 1
1	1.00E-02	SNAPAP	BC000761	SNAP-associated protein
1	1.00E-02	KCNN3	NM_170782	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 3
1	1.00E-02	SCAMP3	NM_005698	secretory carrier membrane protein 3
1	1.00E-02	PVRL4	AF218028	poliovirus receptor-related 4
1	1.00E-02	ARHGAP30	NM_181720	Rho GTPase activating protein 30
1	1.00E-02	UBXD3	NM_152376	UBX domain containing 3
1	1.00E-02	CD52	NM_001803	CD52 molecule
1	1.00E-02	UBXD5	AK097368	UBX domain containing 5
1	1.00E-02	BMP8A	AK024413	bone morphogenetic protein 8a
1	1.00E-02	LOC664727	AK093659	hypothetical protein LOC664727
1	1.00E-02	TMEM69	BC064539	transmembrane protein 69
1	1.00E-02	MRPL37	BC000041	mitochondrial ribosomal protein L37
1	1.00E-02	LOC606495	BC071735	hypothetical protein LOC606495
1	1.10E-02	LOC388692	NM_001013644	hypothetical gene supported by AK123662
1	1.21E-02	MSTO1	AY334564	misato homolog 1 (Drosophila)
1	1.21E-02	OR2T34	NM_001001821	olfactory receptor, family 2, subfamily T, member 34
1	1.21E-02	HYI	AY037165	hydroxypyruvate isomerase homolog (E. coli)
1	1.25E-02	FAM63A	AK125959	family with sequence similarity 63, member A
1	1.25E-02	PRUNE	AF123538	prune homolog (Drosophila)
1	1.25E-02	S100A14	NM_020672	S100 calcium binding protein A14
1	1.25E-02	S100A16	BC019099	S100 calcium binding protein A16
1	1.25E-02	OR10K1	NM_001004473	olfactory receptor, family 10, subfamily K, member 1
1	1.25E-02	LOC641706	XM_925794	hypothetical protein LOC641706
1	1.25E-02	LOC641694	XM_925780	similar to SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) (Formin-binding protein 2)
1	1.25E-02	C1orf35	AK126087	chromosome 1 open reading frame 35
1	1.25E-02	IRF2BP2	BC020516	interferon regulatory factor 2 binding protein 2
1	1.25E-02	EYA3	BC041667	eyes absent homolog 3 (Drosophila)
1	1.25E-02	ZNF643	BC017498	zinc finger protein 643
1	1.25E-02	SLFNL1	BC050353	schlafen-like 1
1	1.25E-02	B4GALT2	NM_001005417	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2
1	1.26E-02	C1orf69	NM_001010867	chromosome 1 open reading frame 69
1	1.26E-02	MYCL1	NM_005376	v-myc myelocytomatosis viral oncogene homolog 1, lung carcinoma derived (avian)
1	1.26E-02	FOXJ3	NM_014947	forkhead box J3
1	1.32E-02	LOC440607	NM_001017986	Fc-gamma receptor I B2
1	1.32E-02	ISG20L2	NM_030980	interferon stimulated exonuclease gene 20kDa-like 2
1	1.32E-02	C1orf66	CR598294	chromosome 1 open reading frame 66
1	1.32E-02	NAV1	BX648460	neuron navigator 1
1	1.32E-02	PPIH	BC003412	peptidylprolyl isomerase H (cyclophilin H)
1	1.36E-02	FLJ16478	NM_001004341	FLJ16478 protein
1	1.46E-02	CHML	NM_001821	choroideremia-like (Rab escort protein 2)
1	1.48E-02	CYB5R1	BC018732	cytoome b5 reductase 1
1	1.61E-02	ICMT	NM_012405	isoprenylcysteine carboxyl methyltransferase
1	1.61E-02	HES3	NM_001024598	hairy and enhancer of split 3 (Drosophila)
1	1.63E-02	C1orf127	NM_173507	chromosome 1 open reading frame 127
1	1.63E-02	AP4B1	NM_006594	adaptor-related protein complex 4, beta 1 subunit
1	1.63E-02	SEMA6C	NM_030913	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C
1	1.63E-02	C1orf79	XM_934811	chromosome 1 open reading frame 79
1	1.63E-02	C1orf50	BC001508	chromosome 1 open reading frame 50

1	1.63E-02	OR6Y1	NM_001005189	olfactory receptor, family 6, subfamily Y, member 1
1	1.63E-02	ZBTB40	NM_014870	zinc finger and BTB domain containing 40
1	1.63E-02	LYPLA2	NM_007260	lysophospholipase II
1	1.64E-02	AMY1B	NM_001008218	amylase, alpha 1B%3B salivary
1	1.64E-02	HIST2H2BE	NM_003528	histone 2, H2be
1	1.64E-02	HIST1H2BB	BC098112	histone 1, H2bb
1	1.64E-02	HIST2H2AC	BC060324	histone 2, H2ac
1	1.64E-02	HIST2H2AB	NM_175065	histone 2, H2ab
1	1.64E-02	COPA	BC038447	coatomer protein complex, subunit alpha
1	1.64E-02	NCSTN	NM_015331	nicastrin
1	1.64E-02	KIF21B	NM_017596	kinesin family member 21B
1	1.64E-02	GUK1	BC009914	guanylate kinase 1
1	1.64E-02	LOC644862	XM_927954	similar to 40S ribosomal protein S28
1	1.64E-02	CDC20	BC006272	CDC20 cell division cycle 20 homolog (S. cerevisiae)
1	1.69E-02	FAAH	NM_001441	fatty acid amide hydrolase
1	1.69E-02	MGC52498	AK128236	hypothetical protein MGC52498
1	1.70E-02	APOBEC4	NM_203454	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 4 (putative)
1	1.70E-02	MIXL1	BC111974	Mix1 homeobox-like 1 (Xenopus laevis)
1	1.70E-02	GUCA2B	NM_007102	guanylate cyclase activator 2B (uroguanylin)
1	1.70E-02	JMJD2A	BC002558	jumonji domain containing 2A
1	1.94E-02	KCNK4	NM_153763	potassium voltage-gated channel, Shaw-related subfamily, member 4
1	1.94E-02	KIRREL	AK090554	kin of IRRE like (Drosophila)
1	1.94E-02	FUSIP1	BC001107	FUS interacting protein (serine/arginine-rich) 1
1	1.94E-02	ZNF684	BC091518	zinc finger protein 684
1	1.94E-02	LOC644733	XM_927832	hypothetical protein LOC644733
1	1.94E-02	FLJ32011	BC101295	hypothetical protein FLJ32011
1	1.94E-02	LDLRAD1	NM_001010978	low density lipoprotein receptor class A domain containing 1
1	1.97E-02	MEF2D	BC040949	MADS box transcription enhancer factor 2, polypeptide D (myocyte enhancer factor 2D)
1	1.97E-02	CD1E	NM_030893	CD1e molecule
1	1.97E-02	OR2T11	NM_001001964	olfactory receptor, family 2, subfamily T, member 11
1	2.07E-02	SASS6	BC101026	spindle assembly 6 homolog (C. elegans)
1	2.07E-02	CCDC76	BC075811	coiled-coil domain containing 76
1	2.07E-02	CNIH3	NM_152495	cornichon homolog 3 (Drosophila)
1	2.24E-02	ZNF687	AK023105	zinc finger protein 687
1	2.24E-02	LRRC41	AK125827	leucine rich repeat containing 41
1	2.24E-02	UQCRH	BC093060	ubiquinol-cytochrome c reductase hinge protein
1	2.26E-02	WNT2B	AK127449	wingless-type MMTV integration site family, member 2B
1	2.26E-02	MST1	BC044862	macrophage stimulating 1 (hepatocyte growth factor-like)
1	2.26E-02	RASSF5	NM_182665	Ras association (RalGDS/AF-6) domain family 5
1	2.26E-02	C1orf55	BC071563	chromosome 1 open reading frame 55
1	2.26E-02	CIAS1	AB208891	cold autoinflammatory syndrome 1
1	2.26E-02	PHACTR4	BC029266	phosphatase and actin regulator 4
1	2.26E-02	HECTD3	AK056873	HECT domain containing 3
1	2.26E-02	UROD	NM_000374	uroporphyrinogen decarboxylase
1	2.26E-02	MMACHC	NM_015506	methylmalonic aciduria (cobalamin deficiency) cblC type, with homocystinuria
1	2.26E-02	TESK2	NM_007170	testis-specific kinase 2
1	2.26E-02	TMEM59	BC003106	transmembrane protein 59
1	2.26E-02	C1orf83	AK096488	chromosome 1 open reading frame 83
1	2.41E-02	PPM1J	NM_005167	protein phosphatase 1J (PP2C domain containing)
1	2.41E-02	FAM19A3	NM_001004440	family with sequence similarity 19 (chemokine (C-C motif)-like), member A3
1	2.41E-02	FLJ36116	AK093435	hypothetical locus LOC388666
1	2.41E-02	TARSL1	AK022590	threonyl-tRNA synthetase-like 1

1	2.41E-02	UBAP2L	D63478	ubiquitin associated protein 2-like
1	2.41E-02	C1orf43	BC014391	chromosome 1 open reading frame 43
1	2.41E-02	PPOX	NM_000309	protoporphyrinogen oxidase
1	2.41E-02	SELL	BC020758	selectin L (lymphocyte adhesion molecule 1)
1	2.41E-02	KIAA0090	D42044	KIAA0090
1	2.41E-02	C1orf33	NM_016183	chromosome 1 open reading frame 33
1	2.41E-02	RPS6KA1	NM_001006665	ribosomal protein S6 kinase, 90kDa, polypeptide 1
1	2.41E-02	SYTL1	BC035725	synaptotagmin-like 1
1	2.41E-02	PPT1	BC008426	palmitoyl-protein thioesterase 1 (ceroid-lipofuscinosis, neuronal 1, infantile)
1	2.41E-02	FOXD2	NM_004474	forkhead box D2
1	2.44E-02	LOC643799	XM_929213	hypothetical protein LOC643799
1	2.44E-02	OBSCN	BC043916	obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF
1	2.61E-02	OR2T4	NM_001004696	olfactory receptor, family 2, subfamily T, member 4
1	2.61E-02	ZNF692	AK000538	zinc finger protein 692
1	2.89E-02	LASS2	NM_181746	LAG1 longevity assurance homolog 2 (S. cerevisiae)
1	2.89E-02	ANXA9	NM_003568	annexin A9
1	2.89E-02	TMEM78	NM_001040079	transmembrane protein 78
1	2.89E-02	SMYD3	BC107725	SET and MYND domain containing 3
1	2.89E-02	PTAFR	NM_000952	platelet-activating factor receptor
1	2.92E-02	SLC30A7	BC064692	solute carrier family 30 (zinc transporter), member 7
1	2.92E-02	EXTL2	BC045681	exostosins (multiple)-like 2
1	2.95E-02	CDC14A	NM_033313	CDC14 cell division cycle 14 homolog A (S. cerevisiae)
1	2.95E-02	AHCYL1	AK131563	S-adenosylhomocysteine hydrolase-like 1
1	2.95E-02	KCNA2	BC043564	potassium voltage-gated channel, shaker-related subfamily, member 2
1	2.95E-02	NBPF9	XM_933976	neuroblastoma breakpoint family, member 9
1	2.95E-02	LOC644262	XM_929908	similar to profilin 1
1	2.95E-02	HIST2H4	NM_003548	histone 2, H4
1	2.95E-02	H4/o	NM_001034077	histone H4/o
1	2.95E-02	UBE2Q1	BC015316	ubiquitin-conjugating enzyme E2Q (putative) 1
1	2.95E-02	OR10K2	NM_001004476	olfactory receptor, family 10, subfamily K, member 2
1	2.95E-02	PIGM	NM_145167	phosphatidylinositol glycan, class M
1	2.95E-02	KARCA1	NM_001007255	kelch/ankyrin repeat containing cyclin A1 interacting protein
1	2.95E-02	FLJ23867	AK074447	hypothetical protein FLJ23867
1	2.95E-02	LOC646827	XM_930566	hypothetical protein LOC646827
1	2.95E-02	NMNAT2	NM_170706	nicotinamide nucleotide adenyltransferase 2
1	2.95E-02	LOC643993	XM_930059	hypothetical protein LOC643993
1	2.95E-02	NBPF3	AL834330	neuroblastoma breakpoint family, member 3
1	2.95E-02	OR2T33	NM_001004695	olfactory receptor, family 2, subfamily T, member 33
1	2.95E-02	OR2T5	NM_001004697	olfactory receptor, family 2, subfamily T, member 5
1	2.95E-02	TRIT1	BC107569	tRNA isopentenyltransferase 1
1	2.95E-02	LEPRE1	NM_022356	leucine proline-enriched proteoglycan (leprecan) 1
1	3.27E-02	RBM34	NM_015014	RNA binding motif protein 34
1	3.27E-02	OR2T12	NM_001004692	olfactory receptor, family 2, subfamily T, member 12
1	3.27E-02	ATP6V0B	BC005876	ATPase, H+ transporting, lysosomal 21kDa, V0 subunit b
1	3.27E-02	LRP8	NM_033300	low density lipoprotein receptor-related protein 8, apolipoprotein e receptor
1	3.40E-02	BCAS2	NM_005872	breast carcinoma amplified sequence 2
1	3.40E-02	LOC148696	NM_001039568	hypothetical protein LOC148696
1	3.40E-02	CTPS	BC009408	CTP synthase
1	3.40E-02	FLJ35409	NM_001001688	FLJ35409 protein
1	3.51E-02	FLJ13137	XM_930558	hypothetical gene supported by AK125122
1	3.51E-02	C1orf111	NM_182581	chromosome 1 open reading frame 111
1	3.58E-02	UBE2J2	AK056065	ubiquitin-conjugating enzyme E2, J2 (UBC6 homolog, yeast)

1	3.58E-02	LOC653604	XM_497711	similar to H3 histone, family 2 isoform 2
1	3.58E-02	CD5L	AY358494	CD5 molecule-like
1	3.58E-02	SLC26A9	AK127491	solute carrier family 26, member 9
1	3.58E-02	HEYL	NM_014571	hairy/enhancer-of-split related with YRPW motif-like
1	3.86E-02	AMY1C	NM_001008219	amylase, alpha 1C%3B salivary
1	3.86E-02	LOC653820	XM_935477	similar to family with sequence similarity 72, member A
1	3.86E-02	LOC644323	XM_927488	hypothetical protein LOC644323
1	3.86E-02	LOC644312	XM_927481	similar to SLIT-ROBO Rho GTPase-activating protein 2 (srGAP2) (Formin-binding protein 2)
1	3.86E-02	PEX11B	NM_003846	peroxisomal biogenesis factor 11B
1	3.86E-02	ZNF364	BC064903	zinc finger protein 364
1	3.86E-02	POLR3C	BC004424	polymerase (RNA) III (DNA directed) polypeptide C (62kD)
1	3.86E-02	SF3B4	BC090883	splicing factor 3b, subunit 4, 49kDa
1	3.86E-02	S100A10	NM_002966	S100 calcium binding protein A10 (annexin II ligand, calpactin I, light polypeptide (p11))
1	3.86E-02	MOSC2	AL136931	MOCO sulphurase C-terminal domain containing 2
1	3.86E-02	NT5C1A	AY028778	5'-nucleotidase, cytosolic IA
1	3.86E-02	LOC126661	XM_934307	hypothetical protein LOC126661
1	3.86E-02	MAGOH	BC018211	mago-nashi homolog, proliferation-associated (Drosophila)
1	3.86E-02	TMEM48	AL354613	transmembrane protein 48
1	3.86E-02	ENO1	BC073991	enolase 1, (alpha)
1	4.05E-02	SLAMF8	AF146761	SLAM family member 8
1	4.27E-02	PHGDH	AK093306	phosphoglycerate dehydrogenase
1	4.27E-02	TMEM51	BC000202	transmembrane protein 51
1	4.27E-02	DEDD	NM_001039711	death effector domain containing
1	4.40E-02	C1orf121	NM_016076	chromosome 1 open reading frame 121
1	4.85E-02	FLJ21272	AK024925	hypothetical protein FLJ21272
1	4.85E-02	LOC642516	XM_926501	similar to profilin 1
1	4.85E-02	S100A6	NM_014624	S100 calcium binding protein A6 (calyculin)
1	4.85E-02	MTX1	CR605982	metaxin 1
1	4.85E-02	THBS3	NM_007112	thrombospondin 3
1	4.85E-02	LOC126860	XM_929969	similar to Centaurin-gamma 2
1	4.85E-02	TDRD5	NM_173533	tudor domain containing 5
1	4.85E-02	RP11-34P13.4	AF346307	F379 retina-specific protein
1	4.85E-02	LOC645520	XM_935059	F379 retina-specific protein
1	4.85E-02	COL9A2	NM_001852	collagen, type IX, alpha 2
1	4.85E-02	PTPRF	NM_130440	protein tyrosine phosphatase, receptor type, F
1	4.91E-02	NOTCH2	NM_024408	Notch homolog 2 (Drosophila)
1	4.91E-02	HAX1	BC015209	HCLS1 associated protein X-1
1	4.91E-02	CDC2L2	BC110905	cell division cycle 2-like 2 (PITSLRE proteins)
1	4.91E-02	C1orf186	NM_001007544	chromosome 1 open reading frame 186
1	4.91E-02	LOC642299	XM_930677	hypothetical protein LOC642299
1	4.91E-02	DEGS1	NM_003676	degenerative spermatocyte homolog 1, lipid desaturase (Drosophila)
1	4.91E-02	C1orf201	BC040212	chromosome 1 open reading frame 201
1	4.91E-02	NPAL3	BC001265	NIPA-like domain containing 3
1	4.94E-02	OLFML3	NM_020190	olfactomedin-like 3
1	4.94E-02	LOC643556	XM_933615	similar to Aurora kinase A-interacting protein (AURKA-interacting protein)
1	4.94E-02	AURKAIP1	BC062333	aurora kinase A interacting protein 1
1	4.94E-02	NBPF20	NM_001037675	neuroblastoma breakpoint family, member 20
1	4.94E-02	C1orf152	XM_927814	chromosome 1 open reading frame 152
1	4.94E-02	LOC644034	XM_929658	similar to profilin 1
1	4.94E-02	LOC645116	XM_932650	hypothetical protein LOC645116
1	4.94E-02	GON4L	NM_032292	gon-4-like (C.elegans)
1	4.94E-02	SYT11	BC039205	synaptotagmin XI

1	4.94E-02	KIAA0907	AY112682	KIAA0907
1	4.94E-02	ATP1A4	NM_001001734	ATPase, Na ⁺ /K ⁺ transporting, alpha 4 polypeptide
1	4.94E-02	VAMP4	BC005974	vesicle-associated membrane protein 4
1	4.94E-02	LAX1	BC069650	lymphocyte transmembrane adaptor 1
1	4.94E-02	NUAK2	NM_030952	NUAK family, SNF1-like kinase, 2
1	4.94E-02	PROX1	BC024201	prospero-related homeobox 1
1	4.94E-02	LYPLAL1	BC016711	lysophospholipase-like 1
1	4.94E-02	LOC643723	XM_931767	hypothetical protein LOC643723
1	4.94E-02	HIST3H2BB	NM_175055	histone 3, H2bb
1	4.94E-02	HIST3H2A	BC001193	histone 3, H2a
1	4.94E-02	HEATR1	BC062442	HEAT repeat containing 1
1	4.94E-02	OR2L13	NM_175911	olfactory receptor, family 2, subfamily L, member 13
1	4.94E-02	FAM79A	NM_182752	family with sequence similarity 79, member A
1	4.94E-02	C1orf174	NM_207356	chromosome 1 open reading frame 174
1	4.94E-02	CITED4	BC035496	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 4
2	1.00E-02	LOC646881	XM_934009	hypothetical protein LOC646881
2	1.00E-02	ARMC9	BC065271	armadillo repeat containing 9
2	1.00E-02		2-Sep BC033559	septin 2
2	1.00E-02	HDLBP	NM_005336	high density lipoprotein binding protein (vigilin)
2	1.00E-02	ITGB1BP1	NM_022334	integrin beta 1 binding protein 1
2	1.25E-02	STK16	CR623144	serine/threonine kinase 16
2	1.25E-02	GLB1L	BC028370	galactosidase, beta 1-like
2	1.25E-02	TUBA4	NM_025019	tubulin, alpha 4
2	1.25E-02	MRPL44	BC012058	mitochondrial ribosomal protein L44
2	1.26E-02	FOXD4L1	NM_012184	forkhead box D4-like 1
2	1.36E-02	IL1F6	BC107042	interleukin 1 family, member 6 (epsilon)
2	1.48E-02	FLJ43374	NM_198582	FLJ43374 protein
2	1.63E-02	LOC401019	XM_376154	similar to 40S ribosomal protein S15 (RIG protein)
2	1.63E-02	SUPT7L	AF224759	suppressor of Ty 7 (<i>S. cerevisiae</i>)-like
2	1.63E-02	SLC4A1AP	BC099739	solute carrier family 4 (anion exchanger), member 1, adaptor protein
2	1.64E-02	MGC4268	BC016181	hypothetical protein MGC4268
2	1.64E-02	LOC646509	XM_933667	hypothetical protein LOC646509
2	1.64E-02	RHOQ	NM_012249	ras homolog gene family, member Q
2	1.64E-02	VAMP5	NM_006634	vesicle-associated membrane protein 5 (myobrevin)
2	1.64E-02	FLJ20758	NM_017952	FLJ20758 protein
2	1.69E-02	CLK1	L29222	CDC-like kinase 1
2	1.69E-02	FLJ46536	AK131246	FLJ46536 protein
2	1.70E-02	LOC150763	AK131194	hypothetical protein LOC150763
2	1.94E-02	CBWD1	AF212253	COBW domain containing 1
2	1.94E-02	CBWD2	NM_172003	COBW domain containing 2
2	1.94E-02	IFT172	NM_015662	intraflagellar transport 172 homolog (<i>Chlamydomonas</i>)
2	1.94E-02	GCKR	NM_001486	glucokinase (hexokinase 4) regulator
2	1.97E-02	ZNHIT4	BC050666	zinc finger, HIT type 4
2	1.97E-02	WBP1	NM_012477	WW domain binding protein 1
2	2.02E-02	CD8B	NM_172213	CD8b molecule
2	2.06E-02	NAT8	NM_003960	N-acetyltransferase 8 (camello like)
2	2.06E-02	LOC200420	NM_145300	LOC200420
2	2.24E-02	HS1BP3	NM_022460	HS1-binding protein 3
2	2.24E-02	EIF4E2	BC021226	eukaryotic translation initiation factor 4E member 2
2	2.24E-02	TIGD1	BC035143	tigger transposable element derived 1
2	2.26E-02	KCNE4	NM_080671	potassium voltage-gated channel, Isk-related family, member 4
2	2.41E-02	IL1RN	NM_173843	interleukin 1 receptor antagonist

2	2.41E-02	PGAP1	BX648642	GPI deacylase
2	2.41E-02	SLC23A3	AK055730	solute carrier family 23 (nucleobase transporters), member 3
2	2.41E-02	C2orf17	NM_024293	chromosome 2 open reading frame 17
2	2.41E-02	AHSA2	NM_152392	AHA1, activator of heat shock 90kDa protein ATPase homolog 2 (yeast)
2	2.41E-02	VAX2	NM_012476	ventral anterior homeobox 2
2	2.44E-02	HK2	NM_000189	hexokinase 2
2	2.89E-02	FOSL2	BC008899	FOS-like antigen 2
2	2.92E-02	SCLY	BC007891	selenocysteine lyase
2	2.92E-02	EMILIN1	BC007530	elastin microfibril interfacier 1
2	2.92E-02	LOC400948	XM_376043	similar to CG33774-PA
2	2.92E-02	AUP1	NM_181575	ancient ubiquitous protein 1
2	2.95E-02	DKFZp434N062	BC064511	hypothetical protein DKFZp434N062
2	2.99E-02	EHBP1	NM_015252	EH domain binding protein 1
2	3.27E-02	CEBPZ	NM_005760	CCAAT/enhancer binding protein zeta
2	3.27E-02	PRO1853	NM_144736	hypothetical protein PRO1853
2	3.40E-02	RY1	BC017890	putative nucleic acid binding protein RY-1
2	3.58E-02	CENTG2	AK001722	centaurin, gamma 2
2	3.86E-02	RPL31	BC017343	ribosomal protein L31
2	3.86E-02	HPCAL1	NM_002149	hippocalcin-like 1
2	3.86E-02	RND3	NM_005168	Rho family GTPase 3
2	4.27E-02	LOC653474	XM_927559	similar to inhibitor of growth family, member 5
2	4.40E-02	MGC4677	BC010491	hypothetical protein MGC4677
2	4.85E-02	FLJ13305	XM_934533	hypothetical protein FLJ13305
2	4.91E-02	MTIF2	NM_001005369	mitochondrial translational initiation factor 2
2	4.94E-02	ALS2	NM_020919	amyotrophic lateral sclerosis 2 (juvenile)
2	4.94E-02	BARD1	NM_000465	BRCA1 associated RING domain 1
2	4.94E-02	ZNF514	BC074901	zinc finger protein 514
3	1.10E-02	NME6	BC012828	non-metastatic cells 6, protein expressed in (nucleoside-diphosphate kinase)
3	1.25E-02	CCR2	BC095540	chemokine (C-C motif) receptor 2
3	1.25E-02	BAP1	NM_004656	BRCA1 associated protein-1 (ubiquitin carboxy-terminal hydrolase)
3	1.25E-02	PHF7	NM_173341	PHD finger protein 7
3	1.36E-02	LOC643052	XM_926422	similar to mucin 17
3	1.36E-02	LOC391609	XM_497952	similar to mucin 17
3	1.36E-02	MFI2	NM_005929	antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5
3	1.61E-02	MRAS	BC047690	muscle RAS oncogene homolog
3	1.63E-02	DGKG	NM_001346	diacylglycerol kinase, gamma 90kDa
3	1.64E-02	EPHB3	NM_004443	EPH receptor B3
3	1.69E-02	SHQ1	BC039830	SHQ1 homolog (<i>S. cerevisiae</i>)
3	1.75E-02	TSEN2	AK074794	tRNA splicing endonuclease 2 homolog (<i>S. cerevisiae</i>)
3	1.94E-02	RYK	S59184	RYK receptor-like tyrosine kinase
3	1.94E-02	ZDHHC19	BC034801	zinc finger, DHHC-type containing 19
3	1.94E-02	MYL3	BC009790	myosin, light polypeptide 3, alkali%3B ventricular, skeletal, slow
3	2.02E-02	TEX264	NM_015926	testis expressed sequence 264
3	2.24E-02	LOC440993	NM_001013714	hypothetical gene supported by AK128346
3	2.41E-02	ALG3	BC002839	asparagine-linked glycosylation 3 homolog (<i>S. cerevisiae</i> , alpha-1,3-mannosyltransferase)
3	2.41E-02	MGC2408	BC005835	hypothetical protein MGC2408
3	2.41E-02	ECE2	NM_014693	endothelin converting enzyme 2
3	2.41E-02	ETV5	NM_004454	ets variant gene 5 (ets-related molecule)
3	2.61E-02	MGLL	NM_001003794	monoglyceride lipase
3	2.89E-02	CPN2	XM_925798	carboxypeptidase N, polypeptide 2, 83kD
3	2.92E-02	KCNMB3	NM_171829	potassium large conductance calcium-activated channel, subfamily M beta member 3
3	2.95E-02	MYLK	NM_053030	myosin, light polypeptide kinase

3	3.40E-02	SLC22A13	NM_004256	solute carrier family 22 (organic cation transporter), member 13
3	3.58E-02	CD47	NM_001025080	CD47 molecule
3	3.58E-02	SETMAR	AK222734	SET domain and mariner transposase fusion gene
3	3.58E-02	RIS1	BC057390	Ras-induced senescence 1
3	3.86E-02	GPR156	NM_153002	G protein-coupled receptor 156
3	3.86E-02	KPNA4	NM_002268	karyopherin alpha 4 (importin alpha 3)
3	3.86E-02	KRT8L2	XM_029323	keratin 8-like 2
3	3.86E-02	VILL	NM_015873	villin-like
3	3.86E-02	CMYA1	CR749430	cardiomyopathy associated 1
3	4.27E-02	ACY1	BC014112	aminoacylase 1
3	4.27E-02	ARF4	BC003364	ADP-ribosylation factor 4
3	4.40E-02	CX3CR1	NM_001337	chemokine (C-X3-C motif) receptor 1
3	4.85E-02	RPL32	NM_001007074	ribosomal protein L32
3	4.91E-02	PLCXD2	NM_153268	phosphatidylinositol-specific phospholipase C, X domain containing 2
3	4.91E-02	CAPN7	NM_014296	calpain 7
3	4.94E-02	GPR128	NM_032787	G protein-coupled receptor 128
3	4.94E-02	SLC6A6	NM_003043	solute carrier family 6 (neurotransmitter transporter, taurine), member 6
3	4.94E-02	SHOX2	NM_003030	short stature homeobox 2
3	4.94E-02	FYTTD1	BC035006	forty-two-three domain containing 1
3	4.94E-02	MYD88	NM_002468	myeloid differentiation primary response gene (88)
3	4.94E-02	ACAA1	BC000635	acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase)
3	4.94E-02	XYLB	NM_005108	xylulokinase homolog (H. influenzae)
3	4.94E-02	ABHD6	NM_020676	abhydrolase domain containing 6
4	1.00E-02	PPP2R2C	NM_020416	protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), gamma isoform
4	1.00E-02	LOC643513	XM_926829	similar to Importin alpha-2 subunit (Karyopherin alpha-2 subunit) (SRP1-alpha)
4	1.00E-02	LOC643518	XM_926832	similar to Importin alpha-2 subunit (Karyopherin alpha-2 subunit) (SRP1-alpha)
4	1.05E-02	LOC653442	XM_377830	similar to deubiquitinating enzyme 3
4	1.05E-02	LOC653445	XM_377831	similar to deubiquitinating enzyme 3
4	1.10E-02	MXD4	BC002713	MAX dimerization protein 4
4	1.25E-02	LOC653541	XM_927996	similar to double homeobox 4c
4	1.25E-02	PIGG	BC110878	phosphatidylinositol glycan, class G
4	1.25E-02	ZNF721	NM_133474	zinc finger protein 721
4	1.36E-02	LRPAP1	BC112067	low density lipoprotein receptor-related protein associated protein 1
4	1.36E-02	LOC653459	XM_377834	similar to deubiquitinating enzyme 3
4	1.48E-02	FLJ35816	NM_001039067	FLJ35816 protein
4	2.26E-02	ZNF595	BC036110	zinc finger protein 595
4	2.26E-02	ZNF718	NM_001039127	zinc finger protein 718
4	2.41E-02	PCDH10	NM_020815	protocadherin 10
4	2.41E-02	LOC646222	XM_933472	hypothetical protein LOC646222
4	2.41E-02	MYL5	AK123974	myosin, light polypeptide 5, regulatory
4	2.41E-02	ATP5I	BC003679	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit E
4	2.41E-02	MRFAP1L1	BC008087	Morf4 family associated protein 1-like 1
4	2.41E-02	AFAP	AK127962	actin filament associated protein
4	2.41E-02	PRDM8	NM_020226	PR domain containing 8
4	2.41E-02	HNRPD	BC002401	heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA binding protein 1, 37kDa)
4	2.89E-02	PAICS	BC019255	phosphoribosylaminoimidazole carboxylase,
4	2.89E-02	PPAT	NM_002703	phosphoribosyl pyrophosphate amidotransferase
4	2.92E-02	PLRG1	BC106004	pleiotropic regulator 1 (PRL1 homolog, Arabidopsis)
4	2.99E-02	ZFYVE28	NM_020972	zinc finger, FYVE domain containing 28
4	2.99E-02	ZNF141	BC074853	zinc finger protein 141 (clone pHZ-44)
4	2.99E-02	LOC642645	XM_930973	hypothetical protein LOC642645
4	3.01E-02	NAPIL5	NM_153757	nucleosome assembly protein 1-like 5

4	3.27E-02	S100P	NM_005980	S100 calcium binding protein P
4	3.35E-02	LEF1	NM_016269	lymphoid enhancer-binding factor 1
4	3.35E-02	FLJ34443	NM_175918	hypothetical protein FLJ34443
4	4.27E-02	LOC441046	BC025996	hypothetical LOC 441046
4	4.40E-02	WHSC1	NM_133334	Wolf-Hirschhorn syndrome candidate 1
4	4.85E-02	PCGF3	BC107061	polycomb group ring finger 3
4	4.85E-02	HPSE	BC051321	heparanase
4	4.94E-02	PPP3CA	NM_000944	protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha)
4	4.94E-02	SC4MOL	BC107879	sterol-C4-methyl oxidase-like
4	4.94E-02	SLA/LP	BX648976	soluble liver antigen/liver pancreas antigen
4	4.94E-02	UGDH	BC022781	UDP-glucose dehydrogenase
4	4.94E-02	APBB2	NM_173075	amyloid beta (A4) precursor protein-binding, family B, member 2 (Fe65-like)
4	4.94E-02	TMEM128	BC091482	transmembrane protein 128
4	4.94E-02	REST	NM_005612	RE1-silencing transcription factor
5	1.21E-02	HMGCR	BC033692	3-hydroxy-3-methylglutaryl-Coenzyme A reductase
5	1.25E-02	P4HA2	NM_001017974	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide II
5	1.25E-02	RGS14	AK123382	regulator of G-protein signalling 14
5	1.25E-02	LMAN2	BC017263	lectin, mannose-binding 2
5	1.26E-02	ZFR	NM_016107	zinc finger RNA binding protein
5	1.64E-02	LOC646040	XM_933354	hypothetical protein LOC646040
5	1.64E-02	SQSTM1	NM_003900	sequestosome 1
5	1.69E-02	OR2V2	NM_206880	olfactory receptor, family 2, subfamily V, member 2
5	1.69E-02	SMN1	NM_000344	survival of motor neuron 1, telomeric
5	1.69E-02	SMN2	BC070242	survival of motor neuron 2, centromeric
5	1.94E-02	mimitin	NM_174889	Myc-induced mitochondria protein
5	1.94E-02	ERCC8	NM_000082	excision repair cross-complementing rodent repair deficiency, complementation group 8
5	2.24E-02	SLC45A2	NM_001012509	solute carrier family 45, member 2
5	2.41E-02	YTHDC2	NM_022828	YTH domain containing 2
5	2.41E-02	SKP2	BC001441	S-phase kinase-associated protein 2 (p45)
5	2.41E-02	LMBRD2	NM_001007527	LMBR1 domain containing 2
5	2.41E-02	FBXO4	NM_033484	F-box protein 4
5	2.61E-02	ARL10	BC059361	ADP-ribosylation factor-like 10
5	2.61E-02	KIAA1191	AL390217	KIAA1191
5	2.89E-02	SH3RF2	BC073914	SH3 domain containing ring finger 2
5	2.89E-02	FLJ36951	XM_932348	similar to eukaryotic translation initiation factor 4e 1a
5	2.89E-02	KENAE	AB024691	Kenae
5	2.89E-02	LOC653412	XM_927305	similar to hypothetical protein LOC153561
5	2.92E-02	ZNF300	NM_052860	zinc finger protein 300
5	2.95E-02	CAMLG	NM_001745	calcium modulating ligand
5	2.95E-02	FGF1	BC032697	fibroblast growth factor 1 (acidic)
5	3.27E-02	TRIP13	BC019294	thyroid hormone receptor interactor 13
5	3.27E-02	BRD9	NM_023924	bromodomain containing 9
5	3.58E-02	CLK4	NM_020666	CDC-like kinase 4
5	3.86E-02	TNFAIP8	AK001931	tumor necrosis factor, alpha-induced protein 8
5	3.86E-02	ORF1-FL49	BC023982	putative nuclear protein ORF1-FL49
5	3.86E-02	NOLA2	BC000009	nucleolar protein family A, member 2 (H/ACA small nucleolar RNPs)
5	3.86E-02	GLRX	BC010965	glutaredoxin (thioltransferase)
5	4.27E-02	GNB2L1	AY336089	guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1
5	4.85E-02	HDAC3	AF005482	histone deacetylase 3
5	4.85E-02	C5orf16	NM_173828	chromosome 5 open reading frame 16
5	4.85E-02	IL12B	NM_002187	interleukin 12B (natural killer cell stimulatory factor 2)
5	4.85E-02	SLC34A1	BC053349	solute carrier family 34 (sodium phosphate), member 1

5	4.91E-02	LOC643935	XM_927193	similar to nuclear pore membrane protein 121
5	4.94E-02	PCDH1	BC051287	protocadherin 1 (cadherin-like 1)
5	4.94E-02	FBXW11	NM_012300	F-box and WD-40 domain protein 11
6	1.00E-02	NFKBIL1	NM_005007	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 1
6	1.00E-02	ATP6V1G2	NM_130463	ATPase, H+ transporting, lysosomal 13kDa, V1 subunit G2
6	1.00E-02	BAT1	NM_080598	HLA-B associated transcript 1
6	1.25E-02	MAP3K4	AF116604	mitogen-activated protein kinase kinase kinase 4
6	1.25E-02	TTBK1	AK131217	tau tubulin kinase 1
6	1.32E-02	MICAL1	NM_022765	microtubule associated monooxygenase, calponin and LIM domain containing 1
6	1.48E-02	SYNGAP1	NM_006772	synaptic Ras GTPase activating protein 1 homolog (rat)
6	1.48E-02	PARC	CR749841	p53-associated parkin-like cytoplasmic protein
6	1.61E-02	RAET1G	NM_001001788	retinoic acid early transcript 1G
6	1.61E-02	KCNK5	BC060793	potassium channel, subfamily K, member 5
6	1.63E-02	CPNE5	BC053872	copine V
6	1.63E-02	UBR2	NM_015255	ubiquitin protein ligase E3 component n-recognin 2
6	1.64E-02	CLIC5	BC035968	chloride intracellular channel 5
6	1.69E-02	RAET1L	NM_130900	retinoic acid early transcript 1L
6	1.70E-02	SART2	BC039245	squamous cell carcinoma antigen recognized by T cells 2
6	1.70E-02	TSPYL1	AK096882	TSPY-like 1
6	1.70E-02	WDR46	BC000388	WD repeat domain 46
6	1.70E-02	PFDN6	NM_014260	prefoldin subunit 6
6	1.94E-02	LY6G5C	NM_001002849	lymphocyte antigen 6 complex, locus G5C
6	1.94E-02	APOBEC2	NM_006789	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2
6	2.24E-02	TNFAIP3	NM_006290	tumor necrosis factor, alpha-induced protein 3
6	2.41E-02	MTRFIL	NM_019041	mitochondrial translational release factor 1-like
6	2.41E-02	HSD17B8	NM_014234	hydroxysteroid (17-beta) dehydrogenase 8
6	2.41E-02	RING1	NM_002931	ring finger protein 1
6	2.44E-02	HCG9	NM_005844	HLA complex group 9
6	2.89E-02	C6orf60	BX640728	chromosome 6 open reading frame 60
6	2.92E-02	GRIK2	BC063814	glutamate receptor, ionotropic, kainate 2
6	2.95E-02	PREP	NM_002726	prolyl endopeptidase
6	2.95E-02	RP5-875H10.1	NM_001030060	SAM domain containing 1
6	2.95E-02	PPP1R14C	BC015773	protein phosphatase 1, regulatory (inhibitor) subunit 14C
6	2.95E-02	AGER	AB061669	advanced glycosylation end product-specific receptor
6	2.95E-02	KLHDC3	BC012987	kelch domain containing 3
6	2.95E-02	CAPN11	NM_007058	calpain 11
6	3.27E-02	PSMB8	NM_004159	proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7)
6	3.40E-02	GTPBP2	NM_019096	GTP binding protein 2
6	3.40E-02	MAD2L1BP	NM_001003690	MAD2L1 binding protein
6	3.58E-02	FOXO3A	AF041336	forkhead box O3A
6	3.58E-02	NCOA7	BC071782	nuclear receptor coactivator 7
6	3.58E-02	LOC645793	XM_371850	similar to CaLPain family member (clp-2)
6	3.58E-02	C6orf103	AK097570	chromosome 6 open reading frame 103
6	3.58E-02	TBP	BC109053	TATA box binding protein
6	3.58E-02	PSMB1	NM_002793	proteasome (prosome, macropain) subunit, beta type, 1
6	3.58E-02	CUL7	BC033647	cullin 7
6	3.58E-02	KLC4	NM_201521	kinesin light chain 4
6	3.58E-02	TTK	BC032858	TTK protein kinase
6	3.86E-02	DDO	BC032786	D-aspartate oxidase
6	3.86E-02	EPB41L2	AL050384	erythrocyte membrane protein band 4.1-like 2
6	3.86E-02	C6orf114	BC066553	chromosome 6 open reading frame 114
6	3.86E-02	HIST1H1A	BC069492	histone 1, H1a

6	3.86E-02	HIST1H3A	BC069303	histone 1, H3a
6	3.86E-02	HIST1H4A	BC069654	histone 1, H4a
6	3.86E-02	HIST1H2BL	NM_003519	histone 1, H2bl
6	3.86E-02	HIST1H2AI	BC112254	histone 1, H2ai
6	3.86E-02	HIST1H3H	BC007518	histone 1, H3h
6	3.86E-02	GPSM3	NM_022107	G-protein signalling modulator 3 (AGS3-like, C. elegans)
6	3.86E-02	HLA-DQB1	M20432	major histocompatibility complex, class II, DQ beta 1
6	3.86E-02	SNRPC	NM_003093	small nuclear ribonucleoprotein polypeptide C
6	3.86E-02	MRPL2	NM_015950	mitochondrial ribosomal protein L2
6	3.86E-02	COL12A1	NM_080645	collagen, type XII, alpha 1
6	4.05E-02	OPN5	NM_181744	opsin 5
6	4.27E-02	ABCF1	NM_001025091	ATP-binding cassette, sub-family F (GCN20), member 1
6	4.27E-02	PNPLA1	NM_173676	patatin-like phospholipase domain containing 1
6	4.27E-02	ETV7	AF147782	ets variant gene 7 (TEL2 oncogene)
6	4.27E-02	FRS3	NM_006653	fibroblast growth factor receptor substrate 3
6	4.27E-02	C6orf49	BC015975	chromosome 6 open reading frame 49
6	4.27E-02	ABCC10	NM_033450	ATP-binding cassette, sub-family C (CFTR/MRP), member 10
6	4.85E-02	CDKN1A	NM_000389	cyclin-dependent kinase inhibitor 1A (p21, Cip1)
6	4.85E-02	TBN	NM_138572	taube nuss homolog (mouse)
6	4.91E-02	C6orf48	BC000706	chromosome 6 open reading frame 48
6	4.94E-02	SGK	NM_005627	serum/glucocorticoid regulated kinase
6	4.94E-02	MAP7	NM_003980	microtubule-associated protein 7
6	4.94E-02	PCMT1	BC007501	protein-L-isoaspartate (D-aspartate) O-methyltransferase
6	4.94E-02	NUP43	NM_024647	nucleoporin 43kDa
6	4.94E-02	COL11A2	NM_080679	collagen, type XI, alpha 2
6	4.94E-02	DAXX	NM_001350	death-associated protein 6
6	4.94E-02	SPDEF	NM_012391	SAM pointed domain containing ets transcription factor
6	4.94E-02	RDS	BC074720	retinal degeneration, slow
7	1.21E-02	LOC653722	XM_934915	similar to actin-related protein 3-beta
7	1.21E-02	C7orf29	NM_138434	chromosome 7 open reading frame 29
7	1.21E-02	CSG1cA-T	NM_019015	chondroitin sulfate glucuronyltransferase
7	1.21E-02	ABCF2	NM_005692	ATP-binding cassette, sub-family F (GCN20), member 2
7	1.25E-02	FLJ14803	AK027678	hypothetical protein FLJ14803
7	1.25E-02	LOC136263	BC017587	LOC136263
7	1.25E-02	BUD31	BC022821	BUD31 homolog (yeast)
7	1.25E-02	PDAP1	NM_014891	PDGFA associated protein 1
7	1.36E-02	MCM7	NM_005916	MCM7 minichromosome maintenance deficient 7 (S. cerevisiae)
7	1.36E-02	AP4M1	CR625474	adaptor-related protein complex 4, mu 1 subunit
7	1.48E-02	LOC441268	NM_001013725	hypothetical gene supported by BC044942
7	1.56E-02	TRGV9	BC072396	T cell receptor gamma variable 9
7	1.56E-02	WIPI2	NM_001033520	WD repeat domain, phosphoinositide interacting 2
7	1.63E-02	SLC29A4	AK075422	solute carrier family 29 (nucleoside transporters), member 4
7	1.63E-02	GTF2IRD2	NM_173537	GTF2I repeat domain containing 2
7	1.63E-02	GTF2IRD2B	AY312851	GTF2IRD2 beta
7	1.63E-02	LOC645215	XM_928257	hypothetical protein LOC645215
7	1.63E-02	GAL3ST4	BC012976	galactose-3-O-sulfotransferase 4
7	1.64E-02	ARPC1B	NM_005720	actin related protein 2/3 complex, subunit 1B, 41kDa
7	1.94E-02	LOC653629	XM_930439	similar to Williams Beuren syndrome chromosome region 19
7	1.94E-02	MGC119295	BC100973	similar to Williams-Beuren syndrome critical region protein 19
7	1.94E-02	HLXB9	NM_005515	homeobox HB9
7	2.24E-02	MGC2463	BC107873	hypothetical protein LOC79037
7	2.26E-02	VIPR2	NM_003382	vasoactive intestinal peptide receptor 2

7	2.34E-02	FLJ45340	NM_001039682	hypothetical gene supported by AK127273
7	2.41E-02	DKFZp76112123	NM_174929	hypothetical protein DKFZp76112123
7	2.41E-02	tcag7.1017	BC056606	similar to Williams Beuren syndrome chromosome region 19
7	2.44E-02	EZH2	NM_152998	enhancer of zeste homolog 2 (Drosophila)
7	2.61E-02	OR2F2	NM_001004685	olfactory receptor, family 2, subfamily F, member 2
7	2.61E-02	GBAS	BC030821	glioblastoma amplified sequence
7	2.61E-02	LOC221955	NM_139179	KCCR13L
7	2.95E-02	LOC286016	BC053624	hypothetical protein LOC286016
7	2.95E-02	TNPO3	NM_012470	transportin 3
7	2.95E-02	HOXA13	BC075791	homeobox A13
7	2.95E-02	LOC441251	NM_001034844	similar to Williams Beuren syndrome chromosome region 19
7	2.95E-02	LOC645004	XM_932577	hypothetical protein LOC645004
7	2.95E-02	TAF6	BC018115	TAF6 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 80kDa
7	2.95E-02	MGC40499	NM_152755	PRotein Associated with Tlr4
7	3.27E-02	C7orf26	BC005121	chromosome 7 open reading frame 26
7	3.40E-02	NDUFB2	NM_004546	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2, 8kDa
7	3.40E-02	OR2A7	NM_001005328	olfactory receptor, family 2, subfamily A, member 7
7	3.58E-02	NSUN5C	NM_149379	NOL1/NOP2/Sun domain family, member 5C
7	3.58E-02	NSUN5B	BC093978	NOL1/NOP2/Sun domain family, member 5B
7	3.64E-02	ZNF398	NM_020781	zinc finger protein 398
7	3.64E-02	ZNF425	NM_001001661	zinc finger protein 425
7	3.86E-02	ARHGEF5	CR749203	Rho guanine nucleotide exchange factor (GEF) 5
7	3.86E-02	OR2A20P	BC016940	olfactory receptor, family 2, subfamily A, member 20 pseudogene
7	3.86E-02	LOC401357	AK125790	hypothetical LOC401357
7	3.86E-02	PMS2CL	CR749616	PMS2-C terminal-like
7	3.86E-02	BCL7B	NM_001707	B-cell CLL/lymphoma 7B
7	3.86E-02	STAG3	NM_012447	stromal antigen 3
7	4.85E-02	LOC643957	XM_933737	similar to NOL1/NOP2/Sun domain family, member 5 isoform 1
7	4.91E-02	SERPINE1	NM_000602	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
7	4.91E-02	WBSCR19	NM_175064	Williams Beuren syndrome chromosome region 19
7	4.91E-02	TRIM73	BC033812	tripartite motif-containing 73
7	4.91E-02	LOC541473	BC022013	FKBP6-like
7	4.91E-02	ASNS	NM_183356	asparagine synthetase
7	4.91E-02	ZNF38	BC047309	zinc finger protein 38
7	4.94E-02	INSIG1	NM_198337	insulin induced gene 1
7	4.94E-02	MEOX2	BC017021	mesenchyme homeobox 2
7	4.94E-02	ECOP	NM_030796	EGFR-coamplified and overexpressed protein
7	4.94E-02	LOC653312	XM_499317	similar to similar to Williams Beuren syndrome chromosome region 19
7	4.94E-02	POM121	NM_172020	POM121 membrane glycoprotein (rat)
8	1.03E-02	PAG1	BC112159	phosphoprotein associated with glycosphingolipid microdomains 1
8	1.13E-02	LOC645651	XM_928665	hypothetical protein LOC645651
8	1.13E-02	LOC645649	XM_928663	hypothetical protein LOC645649
8	1.13E-02	PICG6	XM_928658	similar to olfactory receptor 873
8	1.25E-02	KCNS2	BC034778	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 2
8	1.32E-02	LOC653618	XM_928428	similar to hypothetical protein LOC349196
8	1.36E-02	LOC653726	XM_929235	similar to family with sequence similarity 86, member B1
8	1.46E-02	FAM90A4	XM_496945	family with sequence similarity 90, member A4
8	1.56E-02	SLC45A4	XM_933796	solute carrier family 45, member 4
8	1.63E-02	TMEM75	NM_001037234	transmembrane protein 75
8	1.64E-02	MTFR1	NM_014637	mitochondrial fission regulator 1
8	1.94E-02	BLK	NM_001715	B lymphoid tyrosine kinase
8	1.94E-02	RECQL4	NM_004260	RecQ protein-like 4

8	1.94E-02	FBXO16	NM_172366	F-box protein 16
8	1.94E-02	FZD3	NM_017412	frizzled homolog 3 (Drosophila)
8	2.24E-02	C8orf36	BC032797	chromosome 8 open reading frame 36
8	2.24E-02	KIAA0196	NM_014846	KIAA0196
8	2.24E-02	LOC645378	XM_928418	hypothetical protein LOC645378
8	2.41E-02	EIF2C2	NM_012154	eukaryotic translation initiation factor 2C, 2
8	2.41E-02	GPA1	BC004129	glycosylphosphatidylinositol anchor attachment protein 1 homolog (yeast)
8	2.41E-02	BRF2	BC010648	BRF2, subunit of RNA polymerase III transcription initiation factor, BRF1-like
8	2.41E-02	SGK3	NM_013257	serum/glucocorticoid regulated kinase family, member 3
8	2.44E-02	TRIB1	NM_025195	tribbles homolog 1 (Drosophila)
8	2.44E-02	SIAHBP1	BC011979	fuse-binding protein-interacting repressor
8	2.44E-02	MAF1	NM_032272	MAF1 homolog (S. cerevisiae)
8	2.95E-02	C8orf32	BC008781	chromosome 8 open reading frame 32
8	2.95E-02	ATAD2	CR749832	ATPase family, AAA domain containing 2
8	2.95E-02	GPR20	NM_005293	G protein-coupled receptor 20
8	2.95E-02	NAPRT1	AY214327	nicotinate phosphoribosyltransferase domain containing 1
8	2.95E-02	XPO7	BC030785	exportin 7
8	2.95E-02	BAG4	NM_004874	BCL2-associated athanogene 4
8	3.40E-02	KLF10	NM_005655	Kruppel-like factor 10
8	3.40E-02	TMEM76	BC012452	transmembrane protein 76
8	3.58E-02	SFTPC	BC005913	surfactant, pulmonary-associated protein C
8	3.58E-02	BMP1	NM_001199	bone morphogenetic protein 1
8	3.86E-02	COX6C	NM_004374	cytochrome c oxidase subunit VIc
8	3.86E-02	LRRC6	NM_012472	leucine rich repeat containing 6
8	4.27E-02	RAB11FIP1	AY367050	RAB11 family interacting protein 1 (class I)
8	4.40E-02	CSMD3	NM_052900	CUB and Sushi multiple domains 3
8	4.40E-02	CCDC26	NM_145050	coiled-coil domain containing 26
8	4.40E-02	C8orf37	NM_177965	chromosome 8 open reading frame 37
8	4.85E-02	PPM2C	NM_018444	protein phosphatase 2C, magnesium-dependent, catalytic subunit
8	4.85E-02	PTDSS1	NM_014754	phosphatidylserine synthase 1
8	4.85E-02	MTERFD1	NM_015942	MTERF domain containing 1
8	4.94E-02	LOC642872	XM_931134	hypothetical protein LOC642872
9	1.00E-02	UBADC1	NM_016172	ubiquitin associated domain containing 1
9	1.03E-02	IER5L	AK123797	immediate early response 5-like
9	1.25E-02	LOC647062	XM_930064	similar to chromosome 9 open reading frame 36
9	1.25E-02	LOC647060	XM_934260	hypothetical protein LOC647060
9	1.26E-02	C9orf24	NM_147169	chromosome 9 open reading frame 24
9	1.61E-02	CCL21	NM_002989	chemokine (C-C motif) ligand 21
9	1.61E-02	CTSL2	NM_001333	cathepsin L2
9	1.63E-02	UNQ2541	BC035124	MSFL2541
9	1.63E-02	FOXD4L4	NM_199244	forkhead box D4-like 4
9	1.64E-02	LOC90120	XM_931237	hypothetical gene supported by AK023162
9	1.64E-02	PIGO	BC013987	phosphatidylinositol glycan, class O
9	1.64E-02	CBWD3	BC069006	COBW domain containing 3
9	1.64E-02	LOC644019	XM_933219	COBW domain containing 3-like
9	1.64E-02	CBWD5	NM_001024916	COBW domain containing 5
9	1.94E-02	PTPLAD2	CR608542	protein tyrosine phosphatase-like A domain containing 2
9	1.94E-02	C9orf127	BC041377	chromosome 9 open reading frame 127
9	2.26E-02	LOC441417	XM_497039	hypothetical LOC441417
9	2.26E-02	LOC653453	XM_933338	similar to Keratinocyte growth factor precursor (KGF) (Fibroblast growth factor 7) (FGF-7)
9	2.41E-02	NR6A1	BC030600	nuclear receptor subfamily 6, group A, member 1
9	2.41E-02	OLFML2A	AY358185	olfactomedin-like 2A

9	2.41E-02	CCBL1	NM_004059	cysteine conjugate-beta lyase%3B cytoplasmic
9	2.41E-02	ANKRD15	BC037495	ankyrin repeat domain 15
9	2.44E-02	ARRDC1	NM_152285	arrestin domain containing 1
9	2.89E-02	DOLPP1	NM_020438	dolichyl pyrophosphate phosphatase 1
9	2.89E-02	SMC5L1	BC038225	SMC5 structural maintenance of chromosomes 5-like 1 (yeast)
9	2.92E-02	B4GALT1	BC045773	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1
9	2.92E-02	CLTA	BC009201	clathrin, light polypeptide (Lca)
9	2.92E-02	LOC653123	XM_926120	similar to FLJ45202 protein
9	2.92E-02	FLJ45202	AK127145	FLJ45202 protein
9	2.95E-02	EHMT1	BC011608	euomatic histone-lysine N-methyltransferase 1
9	2.95E-02	RLN1	NM_006911	relaxin 1
9	3.27E-02	ST6GALNAC4	NM_014403	ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide
9	3.27E-02	VCP	NM_007126	valosin-containing protein
9	3.86E-02	TRAF1	NM_005658	TNF receptor-associated factor 1
9	3.86E-02	OR1N1	NM_012363	olfactory receptor, family 1, subfamily N, member 1
9	3.86E-02	LRRRC8A	NM_019594	leucine rich repeat containing 8 family, member A
9	3.86E-02	NFX1	BC012151	nuclear transcription factor, X-box binding 1
9	4.27E-02	RP11-95H8.1	NM_001040065	similar to chromosome 9 open reading frame 36
9	4.85E-02	CCL19	BC027968	chemokine (C-C motif) ligand 19
9	4.91E-02	PGM5	BC033073	phosphoglucomutase 5
9	4.94E-02	TSCOT	BC048285	thymic stromal co-transporter
9	4.94E-02	LOC389791	NM_001013652	hypothetical gene supported by AK094537
9	4.94E-02	PTGES2	NM_198938	prostaglandin E synthase 2
9	4.94E-02	PPP2R4	CR749810	protein phosphatase 2A, regulatory subunit B' (PR 53)
9	4.94E-02	CRAT	NM_144782	carnitine acetyltransferase
9	4.94E-02	QSCN6L1	NM_181701	quiescin Q6-like 1
9	4.94E-02	EXOSC3	NM_001002269	exosome component 3
9	4.94E-02	MCART1	NM_033412	mitochondrial carrier triple repeat 1
9	4.94E-02	LOC653449	XM_933330	similar to Keratinocyte growth factor precursor (KGF) (Fibroblast growth factor 7) (FGF-7)
9	4.94E-02	LOC653444	XM_933308	similar to hypothetical protein MGC21881
10	1.00E-02	ADARB2	BC047443	adenosine deaminase, RNA-specific, B2 (RED2 homolog rat)
10	1.32E-02	C10orf54	AY358379	chromosome 10 open reading frame 54
10	1.75E-02	BLOC1S2	BC020494	biogenesis of lysosome-related organelles complex-1, subunit 2
10	1.75E-02	LOC642622	XM_930958	hypothetical protein LOC642622
10	1.75E-02	FLJ40536	AK097855	FLJ40536 protein
10	1.94E-02	GSTO2	NM_183239	glutathione S-transferase omega 2
10	2.83E-02	TSPAN14	BC093016	tetraspanin 14
10	2.95E-02	ZNF485	AK074679	zinc finger protein 485
11	1.05E-02	LOC283130	BC036869	hypothetical protein LOC283130
11	1.05E-02	FKSG44	AK074850	FKSG44 gene
11	1.13E-02	SCN2B	BC036793	sodium channel, voltage-gated, type II, beta
11	1.32E-02	LRP5	NM_002335	low density lipoprotein receptor-related protein 5
11	1.42E-02	C11orf10	BC002750	chromosome 11 open reading frame 10
11	1.42E-02	FEN1	NM_004111	flap structure-specific endonuclease 1
11	1.42E-02	RPS25	BC004986	ribosomal protein S25
11	1.42E-02	TRAPPC4	NM_016146	trafficking protein particle complex 4
11	1.75E-02	RNF26	BC007534	ring finger protein 26
11	2.63E-02	FLJ30934	NM_152760	hypothetical protein FLJ30934
11	2.63E-02	PACS1	NM_018026	phosphofurin acidic cluster sorting protein 1
11	2.63E-02	PRCP	NM_005040	prolylcarboxypeptidase (angiotensinase C)
11	2.63E-02	FLJ25416	AK058145	hypothetical protein FLJ25416
11	2.83E-02	NXF1	NM_006362	nuclear RNA export factor 1

11	3.07E-02	FAM89B	BC023991	family with sequence similarity 89, member B
11	3.07E-02	SSSCA1	BC014791	Sjogren's syndrome/scleroderma autoantigen 1
11	3.27E-02	ACP2	BC003160	acid phosphatase 2, lysosomal
11	3.27E-02	NR1H3	BC041172	nuclear receptor subfamily 1, group H, member 3
11	3.27E-02	SUV420H1	NM_017635	suppressor of variegation 4-20 homolog 1 (Drosophila)
11	3.27E-02	DGAT2	BC015234	diacylglycerol O-acyltransferase homolog 2 (mouse)
11	3.56E-02	LRRC56	NM_198075	leucine rich repeat containing 56
11	3.56E-02	HRAS	NM_005343	v-Ha-ras Harvey rat sarcoma viral oncogene homolog
11	3.56E-02	MARK2	NM_004954	MAP/microtubule affinity-regulating kinase 2
11	3.56E-02	OAF	BC047726	OAF homolog (Drosophila)
11	3.56E-02	RPUSD4	NM_032795	RNA pseudouridylate synthase domain containing 4
11	3.56E-02	FLJ21103	CR625659	hypothetical protein FLJ21103
11	4.09E-02	PRDM10	NM_199439	PR domain containing 10
11	4.59E-02	LIN7C	BC053907	lin-7 homolog C (C. elegans)
12	1.42E-02	SLC38A1	BC010620	solute carrier family 38, member 1
12	1.94E-02	ESPL1	NM_012291	extra spindle poles like 1 (S. cerevisiae)
12	2.53E-02	GPR84	NM_020370	G protein-coupled receptor 84
12	2.53E-02	MGC7036	BC013042	hypothetical protein MGC7036
12	2.63E-02	GALNT6	BC035822	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 6
12	2.63E-02	SLC4A8	AK128321	solute carrier family 4, sodium bicarbonate cotransporter, member 8
12	3.09E-02	ZNF385	NM_015481	zinc finger protein 385
12	3.27E-02	LETMD1	BC064943	LETM1 domain containing 1
12	3.56E-02	PFDN5	NM_145896	prefoldin subunit 5
12	3.56E-02	MYL6B	NM_002475	myosin, light polypeptide 6B, alkali, smooth muscle and non-muscle
12	3.56E-02	MYL6	NM_021019	myosin, light polypeptide 6, alkali, smooth muscle and non-muscle
12	3.56E-02	FLJ21127	AK092775	tectonic
12	4.12E-02	PLEKHG6	NM_018173	pleckstrin homology domain containing, family G (with RhoGef domain) member 6
12	4.59E-02	NCOR2	NM_006312	nuclear receptor co-repressor 2
13	2.83E-02	HSPH1	AB003333	heat shock 105kDa/110kDa protein 1
13	3.56E-02	LOC643011	XM_931238	hypothetical protein LOC643011
13	3.56E-02	DNAJC3	BC047936	DnaJ (Hsp40) homolog, subfamily C, member 3
14	1.05E-02	TNFAIP2	NM_006291	tumor necrosis factor, alpha-induced protein 2
14	1.32E-02	SUPT16H	NM_007192	suppressor of Ty 16 homolog (S. cerevisiae)
14	1.32E-02	SNAPC1	BC019038	small nuclear RNA activating complex, polypeptide 1, 43kDa
14	1.62E-02	ZFHX2	NM_033400	zinc finger homeobox 2
14	1.67E-02	CDCA4	NM_017955	cell division cycle associated 4
14	1.75E-02	RIN3	AK026092	Ras and Rab interactor 3
14	2.63E-02	DHRS4L2	NM_198083	dehydrogenase/reductase (SDR family) member 4 like 2
14	3.27E-02	ZFYVE21	CR622229	zinc finger, FYVE domain containing 21
14	3.51E-02	C14orf78	BC090889	chromosome 14 open reading frame 78
14	3.73E-02	PSME2	BC072025	proteasome (prosome, macropain) activator subunit 2 (PA28 beta)
14	3.73E-02	RNF31	AY256461	ring finger protein 31
14	3.73E-02	C14orf122	NM_016049	chromosome 14 open reading frame 122
14	4.12E-02	ADCY4	AK131333	adenylate cyclase 4
15	1.42E-02	RPS17	BC062715	ribosomal protein S17
15	1.75E-02	PCSK6	NM_138321	proprotein convertase subtilisin/kexin type 6
15	1.94E-02	LOC653359	XM_933220	similar to cis-Golgi matrix protein GM130
15	1.94E-02	RCCD1	NM_033544	RCC1 domain containing 1
15	3.51E-02	ZFYVE19	BC015738	zinc finger, FYVE domain containing 19
15	3.51E-02	DNAJC17	NM_018163	DnaJ (Hsp40) homolog, subfamily C, member 17
15	3.73E-02	GABARAPL3	AF180519	GABA(A) receptors associated protein like 3
15	3.73E-02	MGC75360	BC067279	similar to zinc finger protein 29

16	1.32E-02	TBL3	NM_006453	transducin (beta)-like 3
16	1.32E-02	LOC644349	XM_932139	hypothetical protein LOC644349
16	1.32E-02	CPNE2	NM_152727	copine II
16	1.32E-02	KIAA0182	BC037556	KIAA0182
16	1.32E-02	GIYD2	BC015990	GIY-YIG domain containing 2
16	1.32E-02	GIYD1	NM_001014999	GIY-YIG domain containing 1
16	1.32E-02	LOC440354	AF271775	PI-3-kinase-related kinase SMG-1 pseudogene
16	1.32E-02	SULT1A4	NM_001017391	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 4
16	1.32E-02	SULT1A3	BC111011	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3
16	2.63E-02	METRNL	BC000662	meteorin, glial cell differentiation regulator
16	2.63E-02	LOC440356	XM_934751	hypothetical gene supported by AK131031%3B BC070380
16	2.63E-02	CDIPT	AK131349	CDP-diacylglycerol--inositol 3-phosphatidyltransferase (phosphatidylinositol synthase)
16	2.63E-02	ABCC11	BC039085	ATP-binding cassette, sub-family C (CFTR/MRP), member 11
16	2.63E-02	LONPL	BC093910	peroxisomal LON protease like
16	2.63E-02	DDX28	BC024273	DEAD (Asp-Glu-Ala-Asp) box polypeptide 28
16	2.63E-02	DUS2L	BC006527	dihydrouridine synthase 2-like, SMM1 homolog (<i>S. cerevisiae</i>)
16	2.72E-02	PSMB10	NM_002801	proteasome (prosome, macropain) subunit, beta type, 10
16	2.96E-02	MGC24381	BC011785	hypothetical protein MGC24381
16	2.96E-02	GNPTG	NM_032520	N-acetylglucosamine-1-phosphate transferase, gamma subunit
16	3.09E-02	P8	NM_012385	p8 protein (candidate of metastasis 1)
16	3.09E-02	DKFZp547E087	BC094882	hypothetical gene LOC238346
16	3.51E-02	HSPC171	BC013412	HSPC171 protein
16	3.51E-02	LRRC29	NM_001004055	leucine rich repeat containing 29
16	3.51E-02	LOC653563	XM_928111	similar to leucine rich repeat containing 29
16	3.73E-02	SULT1A1	NM_001055	sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1
16	4.12E-02	FAM96B	BC001733	family with sequence similarity 96, member B
16	4.12E-02	CES2	NM_003869	carboxylesterase 2 (intestine, liver)
16	4.59E-02	LAT	BC011563	linker for activation of T cells
17	1.42E-02	NBR2	BC000924	neighbor of BRCA1 gene 2
17	1.42E-02	CCDC57	NM_152675	coiled-coil domain containing 57
17	1.62E-02	CCL4	BC104226	chemokine (C-C motif) ligand 4
17	1.75E-02	LOC645427	XM_928468	hypothetical protein LOC645427
17	1.75E-02	KCNJ12	NM_021012	potassium inwardly-rectifying channel, subfamily J, member 12
17	1.94E-02	CD68	BX647524	CD68 molecule
17	1.94E-02	MPDU1	BC001898	mannose-P-dolichol utilization defect 1
17	1.94E-02	HES7	NM_032580	hairy and enhancer of split 7 (<i>Drosophila</i>)
17	1.94E-02	LOC440422	XM_498661	hypothetical LOC440422
17	1.94E-02	CCDC16	BC011584	coiled-coil domain containing 16
17	1.94E-02	CCT6B	NM_006584	chaperonin containing TCP1, subunit 6B (zeta 2)
17	1.94E-02	ANAPC11	NM_001002245	APC11 anaphase promoting complex subunit 11 homolog (yeast)
17	2.63E-02	LOC653047	XM_930719	similar to TBC1 domain family member 3 (Rab GTPase-activating protein PRC17)
17	2.63E-02	LOC162427	NM_178126	hypothetical protein LOC162427
17	2.63E-02	TUBG1	NM_001070	tubulin, gamma 1
17	2.72E-02	CSH1	BC020756	chorionic somatomammotropin hormone 1 (placental lactogen)
17	2.72E-02	CSH2	CR620501	chorionic somatomammotropin hormone 2
17	2.72E-02	AMZ2	BC035935	archaemetzincins-2
17	3.27E-02	PER1	BC028207	period homolog 1 (<i>Drosophila</i>)
17	3.56E-02	INCA1	NM_213726	inhibitor of CDK interacting with cyclin A1
17	3.56E-02	GCN5L2	NM_021078	GCN5 general control of amino-acid synthesis 5-like 2 (yeast)
17	3.56E-02	HSPB9	BC093991	heat shock protein, alpha-crystallin-related, B9
17	3.56E-02	SNX11	NM_152244	sorting nexin 11
17	3.56E-02	PSMC5	NM_002805	proteasome (prosome, macropain) 26S subunit, ATPase, 5

17	3.56E-02	CSNK1D	NM_001893	casein kinase 1, delta
17	4.09E-02	STAT5B	BC065227	signal transducer and activator of transcription 5B
17	4.12E-02	LOC653676	XM_933229	similar to hypothetical protein FLJ10700
17	4.12E-02	C17orf63	NM_018182	chromosome 17 open reading frame 63
17	4.59E-02	PNPO	NM_018129	pyridoxine 5'-phosphate oxidase
18	2.83E-02	MBP	BC080654	myelin basic protein
18	3.56E-02	GATA6	X95701	GATA binding protein 6
18	3.56E-02	CCDC5	BC005958	coiled-coil domain containing 5 (spindle associated)
18	3.56E-02	ATP5A1	NM_001001937	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, alpha subunit 1, cardiac muscle
18	4.12E-02	THOC1	BC010381	THO complex 1
19	1.32E-02	KLK14	NM_022046	kallikrein 14
19	1.32E-02	CCDC97	BC011577	coiled-coil domain containing 97
19	1.42E-02	PTGER1	BC051286	prostaglandin E receptor 1 (subtype EP1), 42kDa
19	1.42E-02	ZNF574	AK131369	zinc finger protein 574
19	1.42E-02	GRIK5	NM_002088	glutamate receptor, ionotropic, kainate 5
19	1.62E-02	ZNF528	NM_032423	zinc finger protein 528
19	1.75E-02	TNNT1	NM_003283	troponin T type 1 (skeletal, slow)
19	1.94E-02	RPS9	BC000802	ribosomal protein S9
19	2.63E-02	ATP8B3	AK125969	ATPase, Class I, type 8B, member 3
19	2.63E-02	TIMM50	BC105970	translocase of inner mitochondrial membrane 50 homolog (S. cerevisiae)
19	2.63E-02	RASIP1	NM_017805	Ras interacting protein 1
19	2.63E-02	KCNA7	NM_031886	potassium voltage-gated channel, shaker-related subfamily, member 7
19	2.63E-02	FAM108A1	BC011667	family with sequence similarity 108, member A1
19	2.72E-02	PRKACA	BC039846	protein kinase, cAMP-dependent, catalytic, alpha
19	2.72E-02	PSENNEN	AF162447	presenilin enhancer 2 homolog (C. elegans)
19	2.83E-02	RPS11	BC070224	ribosomal protein S11
19	2.96E-02	LILRB2	BC025766	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 2
19	3.07E-02	LOC653037	XM_925777	similar to CXYorf1-related protein
19	3.09E-02	IL11	BC012506	interleukin 11
19	3.27E-02	HRC	NM_002152	histidine rich calcium binding protein
19	3.27E-02	TRPM4	NM_017636	transient receptor potential cation channel, subfamily M, member 4
19	3.51E-02	CIC	NM_015125	capicua homolog (Drosophila)
19	3.56E-02	LOC126520	XM_932164	hypothetical protein LOC126520
19	3.56E-02	DBP	BC011965	D site of albumin promoter (albumin D-box) binding protein
19	3.56E-02	CHMP2A	NM_014453	omatin modifying protein 2A
19	4.09E-02	ARHGEF18	BC077721	rho/rac guanine nucleotide exchange factor (GEF) 18
19	4.09E-02	CNTD2	NM_024877	cyclin N-terminal domain containing 2
19	4.09E-02	RUVBL2	NM_006666	RuvB-like 2 (E. coli)
19	4.12E-02	MORG1	BC005870	mitogen-activated protein kinase organizer 1
19	4.12E-02	PTD008	NM_016145	PTD008 protein
19	4.12E-02	MAN2B1	NM_000528	mannosidase, alpha, class 2B, member 1
19	4.59E-02	TNPO2	AK022217	transportin 2 (importin 3, karyopherin beta 2b)
19	4.59E-02	CD37	NM_001040031	CD37 molecule
20	1.75E-02	HSUP1	XM_929750	similar to RPE-spondin
20	1.75E-02	ZNFX1	NM_021035	zinc finger, NFX1-type containing 1
20	1.94E-02	BMP7	BC004248	bone morphogenetic protein 7 (osteogenic protein 1)
20	2.26E-02	ZGPAT	NM_181485	zinc finger, CCCH-type with G patch domain
20	2.63E-02	SNRPB2	BC036737	small nuclear ribonucleoprotein polypeptide B''
20	2.96E-02	WFDC2	NM_080736	WAP four-disulfide core domain 2
20	4.09E-02	DLGAP4	BC108706	discs, large (Drosophila) homolog-associated protein 4
20	4.12E-02	FLJ30313	BC093856	hypothetical protein FLJ30313
20	4.12E-02	C20orf166	NM_178463	chromosome 20 open reading frame 166

21	1.32E-02	ATP5J	BC066310	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit F6
21	1.32E-02	GABPA	BC035031	GA binding protein transcription factor, alpha subunit 60kDa
21	1.94E-02	C21orf124	NM_032920	chromosome 21 open reading frame 124
21	3.27E-02	ADAMTS1	AK129873	ADAM metalloproteinase with thrombospondin type 1 motif, 1
21	3.56E-02	BAGE	NM_001187	B melanoma antigen
21	3.56E-02	BAGE4	NM_181704	B melanoma antigen family, member 4
21	3.56E-02	BAGE3	NM_182481	B melanoma antigen family, member 3
21	3.56E-02	BAGE5	NM_182484	B melanoma antigen family, member 5
21	4.12E-02	UMODL1	NM_001004416	uromodulin-like 1
22	1.42E-02	HIC2	BC094787	hypermethylated in cancer 2
22	1.67E-02	PLXNB2	AB002313	plexin B2
22	2.26E-02		3-Sep AL833942	septin 3
22	3.27E-02	DKFZp434N035	NM_032262	hypothetical protein DKFZp434N035
22	3.27E-02	LOC653603	XM_928356	similar to hypothetical protein DKFZp434N035
22	3.27E-02	NEFH	AB020652	neurofilament, heavy polypeptide 200kDa
22	3.56E-02	IGLV3-21	BC070352	immunoglobulin lambda variable 3-21
22	3.56E-02	IGLC1	BC070353	immunoglobulin lambda constant 1 (Meg marker)
22	3.56E-02	IGLJ3	X57812	immunoglobulin lambda joining 3
22	4.12E-02	PSCD4	AK002145	pleckstrin homology, Sec7 and coiled-coil domains 4
22	4.12E-02	TNFRSF13C	BC112030	tumor necrosis factor receptor superfamily, member 13C
X	1.75E-02	HDAC6	BC013737	histone deacetylase 6
X	1.75E-02	NAPIL3	BC034954	nucleosome assembly protein 1-like 3
X	1.75E-02	RP1-32F7.2	NM_173698	hypothetical protein FLJ37659
X	2.63E-02	FLJ44451	XM_931499	FLJ44451 fis
X	2.63E-02	CXorf40B	BC009523	chromosome X open reading frame 40B
X	3.27E-02	BTK	BC109079	Bruton agammaglobulinemia tyrosine kinase
X	3.27E-02	RPL36A	NM_021029	ribosomal protein L36a
X	4.12E-02	MLLT7	NM_005938	myeloid/lymphoid or mixed-lineage leukemia
X	4.59E-02	PPP1R3F	NM_033215	protein phosphatase 1, regulatory (inhibitor) subunit 3F
X	4.59E-02	FOXP3	NM_014009	forkhead box P3
Y	1.05E-02	LOC642391	XM_497196	similar to chromosome Y open reading frame 16
Y	2.19E-02	LOC642431	XM_497198	similar to chromosome Y open reading frame 16
Y	2.19E-02	LOC653293	XM_926983	similar to testis specific protein, Y-linked 1
Y	2.63E-02	LOC642586	XM_926070	similar to chromosome Y open reading frame 16
Y	2.63E-02	LOC653178	XM_926636	similar to testis specific protein, Y-linked 1
Y	3.07E-02	LOC642358	XM_497193	similar to chromosome Y open reading frame 16
Y	3.07E-02	LOC653280	XM_926947	similar to testis specific protein, Y-linked 1
Y	3.27E-02	LOC653272	XM_926926	similar to testis specific protein, Y-linked 1