

Table B: Liposarcoma weighted gene analysis

Group	Weight	p Value	Clone ID	Gene Name	Clone Title
group 1	12.121071	0	774036	GSTTLp28	glutathione-S-transferase like; glutathione transferase omega
group 1	11.840005	0	470128	MYO1E	myosin IE
group 1	11.065529	0	754582	EVI2A	ecotropic viral integration site 2A
group 1	10.086113	0	1499940	MAP1A	microtubule-associated protein 1A
group 1	10.060539	0	271952	ARL7	ADP-ribosylation factor-like 7
group 1	9.942134	0	47481	CLECSF2	C-type (calcium dependent, carbohydrate-recognition domain) lectin, superfamily member 2
group 1	9.768436	0	898305	NBL1	neuroblastoma, suppression of tumorigenicity 1
group 1	9.513434	0	506548	RGS10	regulator of G-protein signalling 10
group 1	9.19263	0	714106	PLAU	plasminogen activator, urokinase
group 1	9.112408	0	813841	PLAT	plasminogen activator, tissue
group 1	9.060205	0	139009	FN1	fibronectin 1
group 1	8.980438	0	73852		Homo sapiens cDNA FLJ14388 fis, clone HEMBA1002716
group 1	8.797709	0	823925	CKIP-1	CK2 interacting protein 1; HQ0024c protein
group 1	8.76157	0	810224	DKFZp564I1922	DKFZP564I1922 protein
group 1	8.583343	0	502603	RAB23	RAB23, member RAS oncogene family
group 1	8.531602	0	700299	WASPIP	Wiskott-Aldrich syndrome protein interacting protein
group 1	8.530959	0	627248	SBBI31	SBBI31 protein
group 1	8.524575	0	174627	SCG2	secretogranin II (chromogranin C)
group 1	8.524259	0	1031203	NCYM	DNA-binding transcriptional activator
group 1	8.483101	0	1606557	FHL2	four and a half LIM domains 2
group 1	8.414318	0	231675	EVI2A	ecotropic viral integration site 2A
group 1	8.390458	0	144881	CALU	calumenin
group 1	8.293718	0	191664	THBS2	thrombospondin 2
group 1	8.245704	0	897531	MCAM	melanoma cell adhesion molecule
group 1	8.201265	0	593251	R33729_1	hypothetical protein R33729_1
group 1	8.200893	0	139835	UGDH	UDP-glucose dehydrogenase
group 1	8.155129	0	725308	RIN1	ras inhibitor
group 1	8.145649	0	784224	FGFR4	fibroblast growth factor receptor 4
group 1	8.071969	0	451351	FLJ10199	hypothetical protein FLJ10199
group 1	7.982972	0	EMPTY		
group 1	7.929507	0	307069	ALDH3B1	aldehyde dehydrogenase 3 family, member B1
group 1	7.903348	0	625234	KDELR3	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3
group 1	7.897395	0	325014	PBX3	pre-B-cell leukemia transcription factor 3
group 1	7.893593	0	840940	PABPC1	poly(A)-binding protein, cytoplasmic 1
group 1	7.866988	0	288896	KCNK1	potassium channel, subfamily K, member 1 (TWIK-1)
group 1	7.851656	0	301122	ECM1	extracellular matrix protein 1
group 1	7.849576	0	898148	IQGAP1	IQ motif containing GTPase activating protein 1
group 1	7.836865	0	810224	DKFZp564I1922	DKFZP564I1922 protein
group 1	7.832329	0	711552	CBR1	carbonyl reductase 1
group 1	7.784247	0	121252	FLJ14153	hypothetical protein FLJ14153
group 1	7.712424	0	590338	RPS27L	40S ribosomal protein S27 isoform
group 1	7.699204	0	1474900	KRT15	keratin 15
group 1	7.675093	0	448386	PBX3	pre-B-cell leukemia transcription factor 3
group 1	7.655556	0	32195	C4ST	Homo sapiens clone 25218 mRNA sequence
group 1	7.597738	0	785148	PTPRZ1	protein tyrosine phosphatase, receptor-type, Z polypeptide 1
group 1	7.573457	0	701115	PRO2013	hypothetical protein PRO2013
group 1	7.572014	0	712378	PKIA	protein kinase (cAMP-dependent, catalytic) inhibitor alpha
group 1	7.559793	0	2134209	ZNF41	zinc finger protein 41
group 1	7.55929	0	506548	RGS10	regulator of G-protein signalling 10
group 1	7.539364	0	281597		Homo sapiens cDNA FLJ20201 fis, clone COLF1210
group 1	7.534896	0	204257	ADAM9	a disintegrin and metalloproteinase domain 9 (meltrin gamma)
group 1	7.503178	0	293689	DSC2	desmocollin 2
group 1	7.484109	0	212496	MAN2A1	mannosidase, alpha, class 2A, member 1
group 1	7.36847	0	131362	MSN	moesin
group 1	7.262572	0	840776	SGK	serum/glucocorticoid regulated kinase
group 1	7.257884	0	813499	SSSCA1	Sjogren's syndrome/scleroderma autoantigen 1
group 1	7.255245	0	2015269	KCNF1	potassium voltage-gated channel, subfamily F, member 1
group 1	7.242233	0	772938	SHOX2	short stature homeobox 2
group 1	7.232698	0	714453	IL4R	interleukin 4 receptor
group 1	7.232236	0	85840	NNMT	nicotinamide N-methyltransferase
group 1	7.215359	0	472186	RAB32	RAB32, member RAS oncogene family
group 1	7.204927	0	347661	NESHBP	DKFZP586L2024 protein
group 1	7.164474	0	1592875	MANBA	mannosidase, beta A, lysosomal
group 1	7.156539	0	785744	MFGE8	milk fat globule-EGF factor 8 protein
group 1	7.137923	0	768246	G6PD	glucose-6-phosphate dehydrogenase

group 1	7.12755	0	292996	YWHAH	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide
group 1	7.105252	0	826256	TM7SF1	transmembrane 7 superfamily member 1 (upregulated in kidney)
group 1	7.100522	0	324785	P4HA2	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide
group 1	7.078846	0	741831	PLTP	phospholipid transfer protein
group 1	7.066451	0	280758	TMSB4Y	thymosin, beta 4, Y chromosome
group 1	7.052689	0	139540	OSBPL3	oxysterol binding protein-like 3
group 1	7.048752	0	868368	TMSB4X	thymosin, beta 4, X chromosome
group 1	7.021135	0	824602	IFI16	interferon, gamma-inducible protein 16
group 1	7.016614	0	120881	RAB31	RAB31, member RAS oncogene family
group 1	6.991207	0	2110301	GFPT2	glutamine-fructose-6-phosphate transaminase 2
group 1	6.973432	0	770845	CYB561	cytochrome b-561
group 1	6.940394	0	366167	C20orf110	hypothetical protein dJ1181N3.1
group 1	6.929433	0	810321	CARS	cysteinyl-tRNA synthetase
group 1	6.912874	0	502165	LOC92689	hypothetical protein FLJ20783
group 1	6.885467	0.000001	133341	SPPL2A	hypothetical protein FLJ14540
group 1	6.878564	0.000001	1573039	CTSB	cathepsin B
group 1	6.874533	0.000001	366945	SPI1	spleen focus forming virus (SFFV) proviral integration oncogene spi1
group 1	6.866697	0.000001	1474337	PYGB	phosphorylase, glycogen; brain
group 1	6.845173	0.000001	589232	FLJ11506	hypothetical protein FLJ11506
group 1	6.837692	0.000001	665658	MSX2	msh (Drosophila) homeo box homolog 2
group 1	6.824438	0.000001	786265	KIAA0750	KIAA0750 gene product
group 1	6.815795	0.000001	78869	ADRM1	cell membrane glycoprotein, 110000M(r) (surface antigen)
group 1	6.806347	0.000001	753285	GYG	glycogenin
group 1	6.772994	0.000001	796152	MGC17921	Homo sapiens cDNA FLJ11685 fis, clone HEMBA1004934
group 1	6.772142	0.000001	306743	TSG	twisted gastrulation
group 1	6.749035	0.000001	772425	FAP	fibroblast activation protein, alpha
group 1	6.712871	0.000001	122063	SLC7A7	solute carrier family 7 (cationic amino acid transporter, y+ system), member 7
group 1	6.711772	0.000001	786265	KIAA0750	KIAA0750 gene product
group 1	6.687099	0.000001	1473289	PPGB	protective protein for beta-galactosidase (galactosialidosis)
group 1	6.670814	0.000001	742125	LOXL1	lysyl oxidase-like 1
group 1	6.660761	0.000001	271568	ACTR3	ARP3 (actin-related protein 3, yeast) homolog
group 1	6.652307	0.000001	823567	PDE4DIP	Homo sapiens cDNA FLJ10757 fis, clone NT2RP3004578, highly similar KIAA0477 protein
group 1	6.645035	0.000001	811900	LTBR	lymphotoxin beta receptor (TNFR superfamily, member 3)
group 1	6.639862	0.000001	156343	MAP3K3	mitogen-activated protein kinase kinase kinase 3
group 1	6.635726	0.000001	773215	RUNX1	runt-related transcription factor 1 (acute myeloid leukemia 1; aml1 oncogene)
group 1	6.633753	0.000001	810017	PLAUR	plasminogen activator, urokinase receptor
group 1	6.632481	0.000001	80708	UFD1L	ubiquitin fusion degradation 1-like
group 1	6.596514	0.000001	31842	UGTREL1	UDP-galactose transporter related
group 1	6.591713	0.000001	159118	ARHG	ras homolog gene family, member G (rho G)
group 1	6.54539	0.000001	813823	LUM	lumican
group 1	6.5271	0.000001	45138	VEGFC	vascular endothelial growth factor C
group 1	6.5266	0.000001	785707	PRC1	protein regulator of cytokinesis 1
group 1	6.514717	0.000001	772880	FLJ21127	hypothetical protein FLJ21127
group 1	6.514117	0.000001	784150	RAB31	RAB31, member RAS oncogene family
group 1	6.505695	0.000001	450926	PP1628	hypothetical protein PP1628
group 1	6.502257	0.000001	1486752	DLX2	distal-less homeo box 2
group 1	6.4959	0.000001	347661	NESHBP	DKFZP586L2024 protein
group 1	6.487927	0.000001	51708	BPAG1	KIAA0728 protein
group 1	6.474409	0.000001	739993	BRE	brain and reproductive organ-expressed (TNFRSF1A modulator)
group 1	6.464174	0.000001	68259	RENT2	regulator of nonsense transcripts 2
group 1	6.460119	0.000001	207550	KIAA0057	TRAM-like protein
group 1	6.459768	0.000001	814410	AIM2	absent in melanoma 2
group 1	6.456426	0.000001	855385	CLN2	ceroid-lipofuscinosis, neuronal 2, late infantile (Jansky-Bielschowsky disease)
group 1	6.45126	0.000001	2662036	EDG5	endothelial differentiation, sphingolipid G-protein-coupled receptor, 5
group 1	6.410683	0.000001	784065	LOC64182	similar to rat myomegalin
group 1	6.402715	0.000001	841470	CTSH	cathepsin H
group 1	6.398992	0.000002	280154	SYNJ2	synaptojanin 2
group 1	6.394878	0.000002	2362467	C4orf6	chromosome 4 open reading frame 6
group 1	6.369808	0.000002	810019	HNRPD	heterogeneous nuclear ribonucleoprotein D (AU-rich element RNA-binding protein 1, 37kD)
group 1	6.347436	0.000002	491066	ACVR1	activin A receptor, type I
group 1	6.335822	0.000002	83549	C1R	complement component 1, r subcomponent
group 1	6.323311	0.000002	884655	GARS	glycyl-tRNA synthetase
group 1	6.316557	0.000002	49888	ARF4L	ADP-ribosylation factor 4-like
group 1	6.299244	0.000002	810242	C3AR1	complement component 3a receptor 1
group 1	6.27776	0.000002	450060	HFL1	H factor (complement)-like 1
group 1	6.273872	0.000002	306013	MS4A1	membrane-spanning 4-domains, subfamily A, member 2
group 1	6.268907	0.000002	81129	MYH9	myosin, heavy polypeptide 9, non-muscle
group 1	6.265036	0.000002	767181	DKFZP564G202	DKFZP564G202 protein
group 1	6.255585	0.000002	810612	S100A11	S100 calcium-binding protein A11 (calgizzarin)

group 1	6.249544	0.000002	129148 KIAA0251	KIAA0251 protein
group 1	6.247506	0.000002	1592021 HFL1	H factor (complement)-like 1
group 1	6.227777	0.000002	897576 TFB2M	hypothetical protein FLJ23182
group 1	6.225381	0.000002	252953 FAM3C	predicted osteoblast protein
group 1	6.219205	0.000002	361122 PLS1	plastin 1 (I isoform)
group 1	6.210695	0.000002	84880 LOC51004	CGI-10 protein
group 1	6.20578	0.000002	140806 PAM	peptidylglycine alpha-amidating monooxygenase
group 1	6.196067	0.000002	1558734 KIAA1423	KIAA1423 protein
group 1	6.194091	0.000002	505887 B4GALT4	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 4
group 1	6.189156	0.000002	755506 ANXA4	annexin A4
group 1	6.18261	0.000002	854644 NPC2	Niemann-Pick disease, type C2 gene
group 1	6.176347	0.000002	321723 CTBS	chitinase, di-N-acetyl-
group 1	6.170266	0.000002	845453 ARL3	ADP-ribosylation factor-like 3
group 1	6.168429	0.000002	856289 CCNB2	cyclin B2
group 1	6.162379	0.000002	469954 PRKCA	protein kinase C, alpha
group 1	6.151799	0.000002	252515 KYNU	kynureninase (L-kynurenine hydrolase)
group 1	6.134879	0.000002	51807 KIAA1695	hypothetical protein FLJ22297
group 1	6.113078	0.000002	810282 ITPK1	inositol 1,3,4-triphosphate 5/6 kinase
group 1	6.10445	0.000002	809507 FLJ20568	hypothetical protein FLJ20568
group 1	6.10428	0.000002	296880 MPP1	membrane protein, palmitoylated 1 (55kD)
group 1	6.081112	0.000003	626502 ARPC1B	actin related protein 2/3 complex, subunit 1A (41 kD)
group 1	6.067621	0.000003	2915294 S100A6	S100 calcium-binding protein A6 (calyculin)
group 1	6.059089	0.000003	2001553 TNFSF4	tumor necrosis factor (ligand) superfamily, member 4
group 1	6.057295	0.000003	280970 NOL1	nucleolar protein 1 (120kD)
group 1	6.051701	0.000003	1474951 THC211630	high-mobility group protein 2-like 1
group 1	6.041391	0.000003	1860115 TLX3	homeo box 11-like 2
group 1	6.037342	0.000003	742637 SOX30	SRY (sex determining region Y)-box 30
group 1	6.036398	0.000003	176606 NELL2	nel (chicken)-like 2
group 1	6.027106	0.000003	2907674 GMDS	GDP-mannose 4,6-dehydratase
group 1	6.022856	0.000003	358850 TMP21	transmembrane trafficking protein
group 1	6.014317	0.000003	291965 WASPIP	Wiskott-Aldrich syndrome protein interacting protein
group 1	5.991339	0.000004	80715 VAMP8	vesicle-associated membrane protein 8 (endobrevin)
group 1	5.979428	0.000004	124302 CALU	calumenin
group 1	5.970256	0.000004	2215191 KIAA1032	KIAA1032 protein
group 1	5.947324	0.000004	42118 P2RX4	purinergic receptor P2X, ligand-gated ion channel, 4
group 1	5.940174	0.000004	260138 HPSE	heparanase
group 1	5.939566	0.000004	281605 FMNL	formin-like
group 1	5.934817	0.000004	825076 ATP6IP2	ATPase, H+ transporting, lysosomal vacuolar proton pump membrane sector assoc protein Mf
group 1	5.921792	0.000004	204148 RPS6KA3	ribosomal protein S6 kinase, 90kD, polypeptide 3
group 1	5.918585	0.000004	842860 IL10RB	interleukin 10 receptor, beta
group 1	5.905578	0.000004	488873 SDC2	syndecan 2 (heparan sulfate proteoglycan 1, cell surface-associated, fibroglycan)
group 1	5.897172	0.000005	193913 LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog
group 1	5.856578	0.000005	814378 SPINT2	serine protease inhibitor, Kunitz type, 2
group 1	5.84654	0.000005	277476 CST7	cystatin F (leukocystatin)
group 1	5.842489	0.000005	813828 KIAA0367	KIAA0367 protein
group 1	5.838651	0.000005	488207 T1A-2	lung type-I cell membrane-associated glycoprotein
group 1	5.834804	0.000005	810671 FLJ22269	hypothetical protein FLJ22269
group 1	5.829604	0.000005	769911 CAPZB	capping protein (actin filament) muscle Z-line, beta
group 1	5.826095	0.000005	725968 XBPI	X-box binding protein 1
group 1	5.822903	0.000005	294397 DKFZP586A0522	DKFZP586A0522 protein
group 1	5.813357	0.000005	431214 FLJ12484	hypothetical protein FLJ12484
group 1	5.800411	0.000005	263727 D5S346	DNA segment, single copy probe LNS-CAI/LNS-CAII (deleted in polyposis)
group 1	5.786402	0.000006	727229 MAP3K4	mitogen-activated protein kinase kinase kinase 4
group 1	5.783778	0.000006	291478 RUNX3	runt-related transcription factor 3
group 1	5.777246	0.000006	786067 CDC25B	cell division cycle 25B
group 1	5.773079	0.000006	530035 S100A13	S100 calcium-binding protein A13
group 1	5.770255	0.000006	741977 BF	B-factor, properdin
group 1	5.765994	0.000006	767181 DKFZP564G202	DKFZP564G202 protein
group 1	5.76465	0.000006	725223 PA200	KIAA0077 protein
group 1	5.749077	0.000006	770859 ITGB5	integrin, beta 5
group 1	5.745295	0.000006	1558505 GROS1	growth suppressor 1
group 1	5.738532	0.000006	310493 FACL3	fatty-acid-Coenzyme A ligase, long-chain 3
group 1	5.716797	0.000006	362059 LAMA3	laminin, alpha 3 (nicein (150kD), kalinin (165kD), BM600 (150kD), epilegrin)
group 1	5.715905	0.000006	284247 TIP47	cargo selection protein (mannose 6 phosphate receptor binding protein)
group 1	5.714642	0.000006	162208 ARPC2	actin related protein 2/3 complex, subunit 2 (34 kD)
group 1	5.714097	0.000006	448217 C4S-2	chondroitin 4-O-sulfotransferase 2
group 1	5.709994	0.000006	1391644	
group 1	5.706508	0.000006	292219 IF	I factor (complement)
group 1	5.701106	0.000006	785694	Homo sapiens cDNA FLJ12280 fis, clone MAMMA1001744

group 1	5.697735	0.000007	701409	ESTs
group 1	5.668152	0.000007	810331 QSCN6	quiescin Q6
group 1	5.659429	0.000007	810331 QSCN6	quiescin Q6
group 1	5.652299	0.000007	826355 VAMP5	vesicle-associated membrane protein 5 (myobrevin)
group 1	5.648647	0.000007	810737 LOC92799	Homo sapiens clone CDABP0005 mRNA sequence
group 1	5.63834	0.000007	795173 GM2A	GM2 ganglioside activator protein
group 1	5.626888	0.000007	220293 PROX1	Homo sapiens cDNA: FLJ21800 fis, clone HEP00618
group 1	5.626309	0.000007	840697 FKBP9	FK506-binding protein 9 (63 kD)
group 1	5.620154	0.000007	506564 ARFGAP3	ADP-ribosylation factor GTPase activating protein 1
group 1	5.619816	0.000007	812967 TSPAN-5	tetraspan 5
group 1	5.616301	0.000007	713145 CD44	CD44 antigen (homing function and Indian blood group system)
group 1	5.615039	0.000007	839594 LTBP1	latent transforming growth factor beta binding protein 1
group 1	5.609063	0.000007	781362 PLEC1	plectin 1, intermediate filament binding protein, 500kD
group 1	5.593335	0.000009	153646 COL1A1	collagen, type I, alpha 1
group 1	5.587398	0.000009	754378 PTGES	prostaglandin E synthase
group 1	5.585181	0.000009	361922 ZMPSTE24	zinc metalloproteinase, STE24 (yeast, homolog)
group 1	5.58428	0.000009	82991 ENPP1	ectonucleotide pyrophosphatase/phosphodiesterase 1
group 1	5.581936	0.000009	756600 PPIB	peptidylprolyl isomerase B (cyclophilin B)
group 1	5.57921	0.000009	246522 SLC17A1	solute carrier family 17 (sodium phosphate), member 1
group 1	5.577399	0.000009	780937 KIAA0080	KIAA0080 protein
group 1	5.569403	0.000009	16087	
group 1	5.563905	0.000009	782427 INHBB	inhibin, beta B (activin AB beta polypeptide)
group 1	5.546134	0.000009	24145 CAP	adenylyl cyclase-associated protein
group 1	5.544037	0.000009	729964 SMPD1	sphingomyelin phosphodiesterase 1, acid lysosomal (acid sphingomyelinase)
group 1	5.542428	0.000009	841679 CIB1	calcium and integrin binding protein (DNA-dependent protein kinase interacting protein)
group 1	5.535824	0.000009	858152 P24B	integral type I protein
group 1	5.534206	0.000009	878798 B2M	beta-2-microglobulin
group 1	5.533813	0.000009	343607 LOC55829	AD-015 protein
group 1	5.533607	0.000009	714196 WDR1	WD repeat domain 1
group 1	5.521013	0.000009	826072 C21orf7	chromosome 21 open reading frame 7
group 1	5.518508	0.000009	815737 FN5	ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit, isoform 1, cardiac 1
group 1	5.515875	0.000009	593183 EVI2B	ecotropic viral integration site 2B
group 1	5.511159	0.000009	796266 DKFZp761K1423	hypothetical protein DKFZp761K1423
group 1	5.511065	0.000009	782712 MAP3K2	mitogen-activated protein kinase kinase 2
group 1	5.509058	0.000009	841498 MLC-B	myosin regulatory light chain
group 1	5.505438	0.000009	823964 ITGA4	integrin, alpha 4 (antigen CD49D, alpha 4 subunit of VLA-4 receptor)
group 1	5.504665	0.000009	376423 DSG1	desmoglein 1
group 1	5.497895	0.000012	714213 TNFRSF6	tumor necrosis factor receptor superfamily, member 6
group 1	5.496264	0.000012	529185 LOC152399	HSPC030 protein
group 1	5.493993	0.000012	771196 ARHGAP1	Rho GTPase activating protein 1
group 1	5.491509	0.000012	85634 C1S	complement component 1, s subcomponent
group 1	5.483482	0.000012	809512 ARFGAP1	hypothetical protein FLJ10767
group 1	5.482386	0.000012	2014888 SRPUL	sushi-repeat protein
group 1	5.481552	0.000012	302549 BTEB1	basic transcription element binding protein 1
group 1	5.479703	0.000012	450114 PIGL	phosphatidylinositol glycan, class L
group 1	5.479282	0.000012	34357 DCTN4	actin, beta
group 1	5.468543	0.000012	293745 ARHGEF3	Rho guanine nucleotide exchange factor (GEF) 3
group 1	5.468466	0.000012	399456 STX4A	syntaxin 4A (placental)
group 1	5.467523	0.000012	1839367 PIR51	RAD51-interacting protein
group 1	5.462003	0.000012	2911117 LGALS1	lectin, galactoside-binding, soluble, 1 (galectin 1)
group 1	5.455074	0.000012	842846 TIMP2	tissue inhibitor of metalloproteinase 2
group 1	5.448426	0.000012	366540 COL6A1	collagen, type VI, alpha 1
group 1	5.440389	0.000012	1568391 PLS3	plastin 3 (T isoform)
group 1	5.436637	0.000012	325641 PSG5	pregnancy specific beta-1-glycoprotein 5
group 1	5.43652	0.000012	345538 CTSL	cathepsin L
group 1	5.434417	0.000012	712330 KIAA0674	KIAA0674 protein
group 1	5.42426	0.000012	34255 COMT	catechol-O-methyltransferase
group 1	5.424134	0.000012	591281 MVP	major vault protein
group 1	5.421183	0.000012	1536236 FLJ13154	hypothetical protein FLJ13154
group 1	5.416881	0.000012	665674 BDKRB2	bradykinin receptor B2
group 1	5.40999	0.000012	1455835 CST	cerebroside (3'-phosphoadenylylsulfate:galactosylceramide 3') sulfotransferase
group 1	5.409037	0.000012	1609746 VMD2	vitelliform macular dystrophy (Best disease, bestrophin)
group 1	5.407244	0.000012	259560 H4FH	H4 histone family, member H
group 1	5.403929	0.000012	1518538 MGC4607	hypothetical protein MGC4607
group 1	5.400678	0.000012	767315 TRAP95	thyroid hormone receptor-associated protein, 95-kD subunit
group 1	5.392568	0.000016	713653 MESDC2	mesoderm development candidate 2
group 1	5.389712	0.000016	1584503 GPS2	G protein pathway suppressor 2
group 1	5.381843	0.000016	897732 SAD1	SnRNP assembly defective 1 homolog
group 1	5.379762	0.000016	784360 EML1	echinoderm microtubule-associated protein-like

group 1	5.372036	0.000016	2228544	APOL1	apolipoprotein L
group 1	5.369765	0.000016	739183	CD68	CD68 antigen
group 1	5.366394	0.000016	2010393	FTSJ1	homolog of yeast SPB1
group 1	5.365347	0.000016	1292432		
group 1	5.36359	0.000016	284497		Homo sapiens mRNA; cDNA DKFZp586E1624 (from clone DKFZp586E1624)
group 1	5.358538	0.000016	782460	ESDN	Homo sapiens cDNA FLJ10500 fis, clone NT2RP2000369
group 1	5.352516	0.000016	133273	PMP22	peripheral myelin protein 22
group 1	5.349131	0.000016	564849	SDCCAG8	serologically defined colon cancer antigen 8
group 1	5.345797	0.000016	768008	BAG2	BCL2-associated athanogene 2
group 1	5.345167	0.000016	810937	TPST2	tyrosylprotein sulfotransferase 2
group 1	5.338627	0.000016	344272	EMP3	epithelial membrane protein 3
group 1	5.335185	0.000016	46353	LOC57168	similar to aspartate beta hydroxylase (ASPH)
group 1	5.324498	0.000016	753620	IGFBP6	insulin-like growth factor binding protein 6
group 1	5.316747	0.000016	2898614	SYNE-2	synaptic nuclei expressed gene 2
group 1	5.308677	0.000016	262932	MGC29654	aconitase 2, mitochondrial
group 1	5.303203	0.000016	796240	MICAL	hypothetical protein FLJ11937
group 1	5.298519	0.00002	795840	CPE	carboxypeptidase E
group 1	5.295793	0.00002	1521792		Human DNA sequence from clone RP5-1174N9 on chromosome 1p34.1-35.3.
group 1	5.295599	0.00002	769716	NF2	neurofibromin 2 (bilateral acoustic neuroma)
group 1	5.294996	0.00002	52119	WBSCR5	Williams-Beuren syndrome chromosome region 5
group 1	5.293697	0.00002	1932984	FLRT2	fibronectin leucine rich transmembrane protein 2
group 1	5.287023	0.00002	23185	TNC	hexabrachion (tenascin C, cytactin)
group 1	5.272202	0.00002	273168		Homo sapiens mRNA; cDNA DKFZp547N093 (from clone DKFZp547N093)
group 1	5.266942	0.00002	307255	ICB-1	basement membrane-induced gene
group 1	5.265911	0.00002	841217	BBS2	Bardet-Biedl syndrome 2
group 1	5.264808	0.00002	843121	CLIC1	chloride intracellular channel 1
group 1	5.263681	0.00002	502151	SLC16A3	solute carrier family 16 (monocarboxylic acid transporters), member 3
group 1	5.263217	0.00002	201282	DKFZP434N126	DKFZP434N126 protein
group 1	5.249816	0.00002	469969	ITGAV	integrin, alpha V (vitronectin receptor, alpha polypeptide, antigen CD51)
group 1	5.245806	0.00002	145310	PRSS12	protease, serine, 12 (neurotrypsin, motopsin)
group 1	5.238252	0.00002	782140	SQV7L	nucleotide-sugar transporter similar to C. elegans sqv-7
group 1	5.23607	0.00002	897592	FKBP10	hypothetical protein FLJ22041 similar to FK506 binding proteins
group 1	5.224404	0.00002	878836	SGNE1	secretory granule, neuroendocrine protein 1 (7B2 protein)
group 1	5.215929	0.00002	234425		Homo sapiens cDNA: FLJ21778 fis, clone HEP00201
group 1	5.215191	0.00002	70245		Homo sapiens mRNA full length insert cDNA clone EUROIMAGE 50374
group 1	5.210852	0.00002	123331		Homo sapiens cDNA: FLJ21449 fis, clone COL04483, highly similar to AF010235
group 1	5.206839	0.00002	840788	TMSB10	thymosin, beta 10
group 1	5.196683	0.000027	284592	DKFZp762A227	hypothetical protein DKFZp762A227
group 1	5.182277	0.000027	949938	CST3	cystatin C (amyloid angiopathy and cerebral hemorrhage)
group 1	5.177826	0.000027	843076	STAM	signal transducing adaptor molecule (SH3 domain and ITAM motif) 1
group 1	5.176765	0.000027	770675	RNP24	Homo sapiens cDNA: FLJ21323 fis, clone COL02374
group 1	5.176157	0.000027	298134	FZD1	frizzled (Drosophila) homolog 1
group 1	5.1761	0.000027	487704	SNX2	sorting nexin 2
group 1	5.173797	0.000027	241705	PYGL	phosphorylase, glycogen; liver (Hers disease, glycogen storage disease type VI)
group 1	5.171952	0.000027	132911	PPP1CB	protein phosphatase 1, catalytic subunit, beta isoform
group 1	5.169779	0.000027	840803	ATP6V0E	ATPase, H+ transporting, lysosomal (vacuolar proton pump) 9kD
group 1	5.169488	0.000027	700527	GLRX	glutaredoxin (thioltransferase)
group 1	5.167335	0.000027	131308	FLJ14511	hypothetical protein FLJ14511
group 1	5.157416	0.000027	1639531	RAB27A	RAB27A, member RAS oncogene family
group 1	5.15511	0.000027	789357	NFKB1	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 (p105)
group 1	5.150407	0.000027	250667	RAB9A	RAB9, member RAS oncogene family
group 1	5.150218	0.000027	843008	GC20	translation factor suil1 homolog
group 1	5.147619	0.000027	429942	FLJ11526	hypothetical protein FLJ11526
group 1	5.147316	0.000027	201757	PAPSS2	3'-phosphoadenosine 5'-phosphosulfate synthase 2
group 1	5.146884	0.000027	144816	SLC31A2	solute carrier family 31 (copper transporters), member 2
group 1	5.146419	0.000027	1417966	LRRFIP1	hypothetical protein MGC10947
group 1	5.13934	0.000027	62112	KIAA0905	yeast Sec31p homolog
group 1	5.1346	0.000027	433666	RBX1	ring-box 1
group 1	5.132614	0.000027	2010684	SWAP70	SWAP-70 protein
group 1	5.126756	0.000027	586731	SDFR1	stromal cell derived factor receptor 1
group 1	5.124623	0.000027	752557	C6orf9	chromosome 6 open reading frame 9
group 1	5.118263	0.000027	488888	UGP2	ESTs
group 1	5.114244	0.000027	2249522	FAU	Finkel-Biskis-Reilly murine sarcoma virus (FBR-MuSV) ubiquitously expressed (fox derived)
group 1	5.108539	0.000027	843098	BASP1	brain abundant, membrane attached signal protein 1
group 1	5.106771	0.000027	240223	NUFIP1	nuclear fragile X mental retardation protein interacting protein 1
group 1	5.106462	0.000027	525799	GCHFR	GTP cyclohydrolase I feedback regulatory protein
group 1	5.100569	0.000027	647829	HMG1	high-mobility group (nonhistone chromosomal) protein 1
group 1	5.099943	0.000035	815794	NUCB2	nucleobindin 2
group 1	5.093464	0.000035	713653	MESDC2	mesoderm development candidate 2

group 1	5.089622	0.000035	469686	RIT1	Ric (Drosophila)-like, expressed in many tissues
group 1	5.078044	0.000035	1435862	MIC2	antigen identified by monoclonal antibodies 12E7, F21 and O13
group 1	5.077337	0.000035	1592048	SSNA1	Sjogren's syndrome nuclear autoantigen 1
group 1	5.076016	0.000035	712401	PIK3CD	phosphoinositide-3-kinase, catalytic, delta polypeptide
group 1	5.072086	0.000035	795832	FLJ25785	Homo sapiens mRNA; cDNA DKFZp434A109 (from clone DKFZp434A109)
group 1	5.071327	0.000035	347434	SC65	nucleolar autoantigen (55kD) similar to rat synaptonemal complex protein
group 1	5.063722	0.000035	77577	FOSL2	hypothetical protein FLJ23306
group 1	5.05983	0.000035	811848	TGFB1I1	hypothetical protein
group 1	5.053889	0.000035	151620	CAC-1	CAC-1
group 1	5.036533	0.000035	1898758	BCE-1	BCE-1 protein
group 1	5.034359	0.000035	781222	TIAF1	TGFB1-induced anti-apoptotic factor 1
group 1	5.021556	0.000035	731648	NFYA	nuclear transcription factor Y, alpha
group 1	5.020061	0.000035	344139	DOC1	downregulated in ovarian cancer 1
group 1	5.013786	0.000035	244307	SERPINE1	serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1
group 1	5.013578	0.000035	1492230	EFEMP1	EGF-containing fibulin-like extracellular matrix protein 1
group 1	5.011681	0.000035	153025	LIF	leukemia inhibitory factor (cholinergic differentiation factor)
group 1	5.00742	0.000035	814615	MTHFD2	methylene tetrahydrofolate dehydrogenase (NAD+ dependent), methenyltetrahydrofolate cycl
group 1	5.005671	0.000035	589751	HTATIP2	Tat-interacting protein (30kD)
group 1	4.997448	0.000046	898073	CKAP4	transmembrane protein (63kD), endoplasmic reticulum/Golgi intermediate compartment
group 1	4.997011	0.000046	430614	BPGM	2,3-bisphosphoglycerate mutase
group 1	4.996304	0.000046	856454	SLC3A2	solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2
group 1	4.995105	0.000046	489506	PROS1	protein S (alpha)
group 1	4.993877	0.000046	782756	TBPL1	TBP-like 1
group 1	4.990325	0.000046	85060	SQRDL	CGI-44 protein; sulfide dehydrogenase like (yeast)
group 1	4.988972	0.000046	1469377	LHFPL2	lipoma HMGIC fusion partner-like 2
group 1	4.987831	0.000046	856447	IFI30	interferon, gamma-inducible protein 30
group 1	4.973386	0.000046	2018138	SCARB2	CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral r
group 1	4.971103	0.000046	133988	FACL4	fatty-acid-Coenzyme A ligase, long-chain 4
group 1	4.965306	0.000046	884462	DSCR1	Down syndrome critical region gene 1
group 1	4.957775	0.000046	200144	RBX1	ring-box 1
group 1	4.9561	0.000046	767289	KIAA1001	KIAA1001 protein
group 1	4.949854	0.000046	758293	ENAH	likely ortholog of mouse NPC derived proline rich protein 1
group 1	4.948074	0.000046	768292	DSTN	destrin (actin depolymerizing factor)
group 1	4.944266	0.000046	2273445	GHRH	growth hormone releasing hormone
group 1	4.930541	0.000046	813533	SDCBP	syndecan binding protein (syntenin)
group 1	4.929359	0.000046	667883	PHLDA1	pleckstrin homology-like domain, family A, member 1
group 1	4.928161	0.000046	823656	DKFZP586L151	DKFZP586L151 protein
group 1	4.927896	0.000046	773685	PDE4DIP	phosphodiesterase 4D interacting protein (myomegalin)
group 1	4.917983	0.000046	782383		Homo sapiens MACS mRNA for medium-chain acyl-CoA synthetase, complete cds
group 1	4.914655	0.000046	2882028	PGC	progastricin (pepsinogen C)
group 1	4.914278	0.000046	1031009	IMPDH2	IMP (inosine monophosphate) dehydrogenase 2
group 1	4.906602	0.000046	837908	FGFRL1	fibroblast growth factor receptor-like 1
group 1	4.895483	0.000061	788629	KIAA0870	KIAA0870 protein
group 1	4.892607	0.000061	41452	SAT	spermidine/spermine N1-acetyltransferase
group 1	4.884469	0.000061	743367	b5&b5R	flavoheomoprotein b5+b5R
group 1	4.883842	0.000061	811149	C9orf3	chromosome 9 open reading frame 3
group 1	4.88259	0.000061	767798	ATOX1	ATX1 (antioxidant protein 1, yeast) homolog 1
group 1	4.875678	0.000061	1470060	TUBA3	Tubulin, alpha, brain-specific
group 1	4.87552	0.000061	1580613	MLCB	myosin regulatory light chain
group 1	4.874582	0.000061	2316441	ARHC	ras homolog gene family, member C
group 1	4.872738	0.000061	434833	EPB41	erythrocyte membrane protein band 4.1 (elliptocytosis 1, RH-linked)
group 1	4.870124	0.000061	758037	HIVEP1	human immunodeficiency virus type 1 enhancer-binding protein 1
group 1	4.864085	0.000061	809738	MRPL38	KIAA1863 protein
group 1	4.856816	0.000061	452848	KEAP1	Kelch-like ECH-associated protein 1
group 1	4.856027	0.000061	841263	NUMB	numb (Drosophila) homolog
group 1	4.852617	0.000061	2753312	SCTR	secretin receptor
group 1	4.838687	0.000061	823655	LOC51313	AD036 protein
group 1	4.837533	0.000061	210688	ADCY9	adenylate cyclase 9
group 1	4.83741	0.000061	810734	POLD4	polymerase (DNA-directed), delta 4
group 1	4.836439	0.000061	565235	SMS	spermine synthase
group 1	4.834589	0.000061	811582	GOLPH2	golgi phosphoprotein 2
group 1	4.834019	0.000061	1848977	GK	glycerol kinase
group 1	4.823326	0.000061	139113	GOLPH3	golgi phosphoprotein 3 (coat-protein)
group 1	4.821598	0.000061	785886	RNF13	ring finger protein 13
group 1	4.818208	0.000061	823811	PRO2714	hypothetical protein PRO2714
group 1	4.817193	0.000061	545366	PRO0082	hypothetical protein PRO0082
group 1	4.809534	0.000061	841141	TMPEAI	transmembrane, prostate androgen induced RNA
group 1	4.798108	0.00008	257422	BST1	bone marrow stromal cell antigen 1
group 1	4.792411	0.00008	126858	SOAT1	sterol O-acyltransferase (acyl-Coenzyme A: cholesterol acyltransferase) 1

group 1	4.792318	0.00008	767289 KIAA1001	KIAA1001 protein
group 1	4.789788	0.00008	460395 FLJ22625	hypothetical protein FLJ22625
group 1	4.78906	0.00008	810510 NOLA3	nucleolar protein family A, member 3 (H/ACA small nucleolar RNPs)
group 1	4.778877	0.00008	2878932 ITGA5	integrin, alpha 5 (fibronectin receptor, alpha polypeptide)
group 1	4.776555	0.00008	162533 LMO4	LIM domain only 4
group 1	4.77274	0.00008	284022 ARHGEF10	Rho guanine nucleotide exchange factor (GEF) 10
group 1	4.766058	0.00008	242687 B3GNT1	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1
group 1	4.764974	0.00008	1474424	Homo sapiens cDNA FLJ12758 fis, clone NT2RP2001328
group 1	4.764266	0.00008	2012234 RPGR	retinitis pigmentosa GTPase regulator
group 1	4.762994	0.00008	771323 PLOD	procollagen-lysine, 2-oxoglutarate 5-dioxygenase (lysine hydroxylase, Ehlers-Danlos syndron
group 1	4.762169	0.00008	610362	Homo sapiens cDNA: FLJ21893 fis, clone HEP03412
group 1	4.758699	0.00008	259607	Homo sapiens PR-domain zinc finger protein 6 isoform A (PRDM6) mRNA, partial cds; alter
group 1	4.752317	0.00008	180803 INPP1	inositol polyphosphate-1-phosphatase
group 1	4.751392	0.00008	208718 ANXA1	annexin A1
group 1	4.746539	0.00008	1909163 B3GNT6	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6
group 1	4.738631	0.00008	435858 RNASE6	ribonuclease, RNase A family, k6
group 1	4.736099	0.00008	280249 KLF7	Kruppel-like factor 7 (ubiquitous)
group 1	4.734117	0.00008	1613222 DNAJB11	DnaJ (Hsp40) homolog, subfamily B, member 11
group 1	4.730466	0.00008	626208	Homo sapiens cDNA: FLJ21904 fis, clone HEP03585
group 1	4.723119	0.00008	784278 SP100	nuclear antigen Sp100
group 1	4.71736	0.00008	32887 KIAA1363	KIAA1363 protein
group 1	4.715666	0.00008	201282 DKFZP434N126	DKFZP434N126 protein
group 1	4.711861	0.00008	755037 IL13RA1	interleukin 13 receptor, alpha 1
group 1	4.70731	0.00008	244764 B7-H3	B7 homolog 3
group 1	4.705328	0.00008	1912578 PTGIS	prostaglandin I2 (prostacyclin) synthase
group 1	4.70229	0.00008	50383 KIAA1598	KIAA1598 protein
group 1	4.701027	0.00008	810999 GPX1	glutathione peroxidase 1
group 1	4.700134	0.00008	1868291 EEF2K	elongation factor-2 kinase
group 1	4.697353	0.000106	130280 H_GS165L15.1	cAMP response element-binding protein CRE-BPa
group 1	4.695402	0.000106	269354 NRP2	neuropilin 2
group 1	4.68879	0.000106	33294	ESTs
group 1	4.68708	0.000106	2012156 P2RXL1	purinergic receptor P2X-like 1, orphan receptor
group 1	4.681185	0.000106	179753 SLC35A2	solute carrier family 35 (UDP-galactose transporter), member 2
group 1	4.676439	0.000106	511459 GRP58	glucose regulated protein, 58kD
group 1	4.675271	0.000106	452466 NLGN2	neuroligin 2
group 1	4.668756	0.000106	502682 ENIGMA	enigma (LIM domain protein)
group 1	4.667505	0.000106	299154 PIGK	phosphatidylinositol glycan, class K
group 1	4.667121	0.000106	810448	Homo sapiens cDNA FLJ14162 fis, clone NT2RM4002504
group 1	4.664113	0.000106	269815 INHBA	inhibin, beta A (activin A, activin AB alpha polypeptide)
group 1	4.663943	0.000106	38253 TFR2	transferrin receptor 2
group 1	4.661702	0.000106	1552618 KIAA0540	KIAA0540 protein
group 1	4.651846	0.000106	1734754 HSU47926	hypothetical protein B
group 1	4.645635	0.000106	2028612 TBC1D1	TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1
group 1	4.642903	0.000106	769673 MBD2	methyl-CpG binding domain protein 2
group 1	4.636155	0.000106	49475	Homo sapiens cDNA FLJ14237 fis, clone NT2RP4000517
group 1	4.633898	0.000106	399331 C1orf24	niban protein
group 1	4.62732	0.000106	399604 HEXA	hexosaminidase A (alpha polypeptide)
group 1	4.626116	0.000106	756708 KCNN4	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4
group 1	4.62585	0.000106	77805 COPB2	coatamer protein complex, subunit beta 2 (beta prime)
group 1	4.621229	0.000106	755762 GRN	granulin
group 1	4.614715	0.000106	769926 ERP70	protein disulfide isomerase related protein (calcium-binding protein, intestinal-related)
group 1	4.599615	0.000139	1422723 IFI35	interferon-induced protein 35
group 1	4.599605	0.000139	324373 ZFPL1	zinc finger protein-like 1
group 1	4.599298	0.000139	505344 MRPL20	mitochondrial ribosomal protein L20
group 1	4.596505	0.000139	843319 HRB	HIV-1 Rev binding protein
group 1	4.595629	0.000139	868472 CLIC4	chloride intracellular channel 4
group 1	4.584489	0.000139	470061 SIAH2	seven in absentia (Drosophila) homolog 2
group 1	4.580262	0.000139	704532 NMI	N-myc (and STAT) interactor
group 1	4.568879	0.000139	203347 CLTC	clathrin, heavy polypeptide (Hc)
group 1	4.56009	0.000139	111006 KIF3B	ESTs
group 1	4.55985	0.000139	154172 FCGBP	Fc fragment of IgG binding protein
group 1	4.557046	0.000139	502055 ARSB	arylsulfatase B
group 1	4.553288	0.000139	814798 ALDH1A3	aldehyde dehydrogenase 1 family, member A3
group 1	4.549633	0.000139	460618 LOC51754	NAG-5 protein
group 1	4.549033	0.000139	252963 GPR48	G protein-coupled receptor 48
group 1	4.543512	0.000139	122274 LTBP1	latent transforming growth factor beta binding protein 1
group 1	4.539426	0.000139	28774	Homo sapiens mRNA; cDNA DKFZp564P116 (from clone DKFZp564P116)
group 1	4.535805	0.000139	50649 PRKCL1	protein kinase C-like 1
group 1	4.534928	0.000139	814381 DAP	death-associated protein

group 1	4.526126	0.000139	111120 KIAA0063	KIAA0063 gene product
group 1	4.525823	0.000139	753914 ITPR2	inositol 1,4,5-triphosphate receptor, type 2
group 1	4.525294	0.000139	248463 HBZ	hemoglobin, zeta
group 1	4.524057	0.000139	1323203 ATP6V1B2	ATPase, H+ transporting, lysosomal (vacuolar proton pump), beta polypeptide, 56/58kD, isoform 2
group 1	4.523873	0.000139	810567 ARHGEF2	rho/rac guanine nucleotide exchange factor (GEF) 2
group 1	4.519873	0.000139	810959 ARHGDI1	Rho GDP dissociation inhibitor (GDI) alpha
group 1	4.517822	0.000139	487777 RB1	retinoblastoma 1 (including osteosarcoma)
group 1	4.516544	0.000139	784028	ESTs, Weakly similar to AF220049 1 uncharacterized hematopoietic stem/progenitor cells protein
group 1	4.509961	0.000139	754111 KIAA0877	KIAA0877 protein
group 1	4.509908	0.000139	174801 KCNJ4	potassium inwardly-rectifying channel, subfamily J, member 4
group 1	4.507738	0.000139	795738 GNG10	guanine nucleotide binding protein 10
group 1	4.507166	0.000139	878468 DPH2L1	diphtheria toxin resistance protein required for diphthamide biosynthesis (Saccharomyces)-like
group 1	4.506725	0.000139	251936 NSF	N-ethylmaleimide-sensitive factor
group 1	4.502491	0.000139	840698 FLJ20254	hypothetical protein FLJ20254
group 1	4.496784	0.000183	769686 THY1	Thy-1 cell surface antigen
group 1	4.496284	0.000183	321886 KIAA1350	KIAA1350 protein
group 1	4.489377	0.000183	703384 HSPC067	HSPC067 protein
group 1	4.487405	0.000183	811150 RANGAP1	Ran GTPase activating protein 1
group 1	4.483697	0.000183	429574 CASP3	caspace 3, apoptosis-related cysteine protease
group 1	4.482094	0.000183	124127 AMPD3	adenosine monophosphate deaminase (isoform E)
group 1	4.480473	0.000183	510381 COPEB	core promoter element binding protein
group 1	4.474174	0.000183	48631 KCNAB2	potassium voltage-gated channel, shaker-related subfamily, beta member 2
group 1	4.470196	0.000183	340742 KIAA0802	KIAA0802 protein
group 1	4.467507	0.000183	139573 RNPEP	arginyl aminopeptidase (aminopeptidase B)
group 1	4.4634	0.000183	727526 CENPE	centromere protein E (312kD)
group 1	4.457686	0.000183	2050827 PSMC5	proteasome (prosome, macropain) 26S subunit, ATPase, 5
group 1	4.457206	0.000183	745343 REG1A	regenerating islet-derived 1 alpha (pancreatic stone protein, pancreatic thread protein)
group 1	4.445736	0.000183	726779 CNN1	calponin 1, basic, smooth muscle
group 1	4.443256	0.000183	383813 ATP10D	ATPase, Class V, type 10D
group 1	4.442472	0.000183	826204 FLII	flightless I (Drosophila) homolog
group 1	4.428816	0.000183	811095 XPO5	KIAA1291 protein
group 1	4.42538	0.000183	509569 DUSP10	dual specificity phosphatase 10
group 1	4.424166	0.000183	1634515 HS2ST1	heparan sulfate 2-O-sulfotransferase
group 1	4.421665	0.000183	755145 VIL2	villin 2 (ezrin)
group 1	4.420599	0.000183	488033 DNAJB9	DnaJ (Hsp40) homolog, subfamily B, member 9
group 1	4.419874	0.000183	51239 MIR16	membrane interacting protein of RGS16
group 1	4.41921	0.000183	812048 PRNP	prion protein (p27-30) (Creutzfeldt-Jakob disease, Gerstmann-Strausler-Scheinker syndrome, fatal familial insomnia)
group 1	4.416184	0.000183	121722 FBN2	fibrillin 2 (congenital contractural arachnodactyly)
group 1	4.413512	0.000183	2009477 CD6	CD6 antigen
group 1	4.412561	0.000183	739511 PKMYT1	membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase
group 1	4.411369	0.000183	760298 LGMN	protease, cysteine, 1 (legumain)
group 1	4.411288	0.000183	289615 LAMP2	lysosomal-associated membrane protein 2
group 1	4.411255	0.000183	73268 CPD	carboxypeptidase D
group 1	4.410555	0.000183	884539 HSPC109	hypothetical protein
group 1	4.408519	0.000183	681917 IL1RAP	interleukin 1 receptor accessory protein
group 1	4.407891	0.000183	703479 DXF68S1E	DNA segment, numerous copies, expressed probes (GS1 gene)
group 1	4.407147	0.000183	293325 FYB	FYN-binding protein (FYB-120/130)
group 1	4.40566	0.000183	704345 ZNF267	zinc finger protein 267
group 1	4.40492	0.000183	810875 SLC26A6	solute carrier family 26, member 6
group 1	4.401182	0.000183	1555427 SPINT1	serine protease inhibitor, Kunitz type 1
group 1	4.400731	0.000183	855707	ESTs
group 1	4.398444	0.000241	842928 HSGP25L2G	gp25L2 protein
group 1	4.389015	0.000241	399604 HEXA	hexosaminidase A (alpha polypeptide)
group 1	4.388408	0.000241	292515 UAP1	UDP-N-acetylglucosamine pyrophosphorylase 1
group 1	4.388069	0.000241	375716 KIAA1237	KIAA1237 protein
group 1	4.386563	0.000241	1600221 MACMARCKS	macrophage myristoylated alanine-rich C kinase substrate
group 1	4.386049	0.000241	144915 LOC51714	selenoprotein T
group 1	4.384666	0.000241	429494 KOC1	IGF-II mRNA-binding protein 3
group 1	4.382341	0.000241	760231 USP9X	ubiquitin specific protease 9, X chromosome (Drosophila fat facets related)
group 1	4.381095	0.000241	78353 RNAHP	RNA helicase-related protein
group 1	4.374807	0.000241	2801406 HNF4G	hepatocyte nuclear factor 4, gamma
group 1	4.37374	0.000241	1493175 GLB1	galactosidase, beta 1
group 1	4.373353	0.000241	783696 OAT	ornithine aminotransferase (gyrate atrophy)
group 1	4.373129	0.000241	435953 ITPR3	inositol 1,4,5-triphosphate receptor, type 3
group 1	4.372639	0.000241	307475	Homo sapiens cDNA FLJ10684 fis, clone NT2RP3000220
group 1	4.370445	0.000241	840942 HLA-DPB1	major histocompatibility complex, class II, DP beta 1
group 1	4.370358	0.000241	796408 PSR	phosphatidylserine receptor
group 1	4.367929	0.000241	51955 FLJ22282	hypothetical protein FLJ22282
group 1	4.367544	0.000241	32110 ABCG2	ATP-binding cassette, sub-family G (WHITE), member 2

group 1	4.366763	0.000241	809879 FLJ10307	hypothetical protein FLJ10307
group 1	4.366614	0.000241	768050 MSL3L1	male-specific lethal-3 (Drosophila)-like 1
group 1	4.355317	0.000241	395440	
group 1	4.344182	0.000241	811044 RAB7	RAB7, member RAS oncogene family
group 1	4.343141	0.000241	824704 MPI	mannose phosphate isomerase
group 1	4.341983	0.000241	825742 SLC1A1	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), nr
group 1	4.3353	0.000241	771172 C22orf5	chromosome 22 open reading frame 5
group 1	4.33025	0.000241	431908 NUBP1	nucleotide binding protein 1 (E.coli MinD like)
group 1	4.326365	0.000241	753313 LAPTM5	Lysosomal-associated multispinning membrane protein-5
group 1	4.324508	0.000241	811851 FLJ10209	hypothetical protein FLJ10209
group 1	4.321207	0.000241	814546 PSCD1	pleckstrin homology, Sec7 and coiled/coil domains 1(cytohesin 1)
group 1	4.320978	0.000241	28985 NAGA	N-acetylgalactosaminidase, alpha-
group 1	4.315835	0.000241	1374571 PACE	paired basic amino acid cleaving enzyme (furin, membrane associated receptor protein)
group 1	4.313746	0.000241	796341 CLCN3	chloride channel 3
group 1	4.30713	0.000241	842767 FLJ10036	hypothetical protein FLJ10036
group 1	4.306761	0.000241	769754 PANX1	pannexin 1
group 1	4.302165	0.000241	588915 IFI27	interferon, alpha-inducible protein 27
group 1	4.296919	0.000316	757961 STX3A	syntaxin 3A
group 1	4.295408	0.000316	325079 SRA1	steroid receptor RNA activator 1 (complexes with NCOA1)
group 1	4.293913	0.000316	754031 A	protein "A"
group 1	4.292275	0.000316	744917 NINJ1	ninjurin 1
group 1	4.28799	0.000316	760299 DKK3	dickkopf (Xenopus laevis) homolog 3
group 1	4.280281	0.000316	29063	Homo sapiens clone 23620 mRNA sequence
group 1	4.278687	0.000316	378502 POLR2I	polymerase (RNA) II (DNA directed) polypeptide I (14.5kD)
group 1	4.277605	0.000316	545189	Homo sapiens mRNA for caldesmon, 3' UTR
group 1	4.273874	0.000316	277403	Homo sapiens mRNA; cDNA DKFZp586D0918 (from clone DKFZp586D0918)
group 1	4.265086	0.000316	240151 ID2	inhibitor of DNA binding 2, dominant negative helix-loop-helix protein
group 1	4.263369	0.000316	283436 RAP1GDS1	RAP1, GTP-GDP dissociation stimulator 1
group 1	4.261509	0.000316	179603 RAB3A	RAB3A, member RAS oncogene family
group 1	4.256083	0.000316	81289 ACTG2	actin, gamma 2, smooth muscle, enteric
group 1	4.251468	0.000316	730838 ZNF336	zinc finger protein
group 1	4.249536	0.000316	42681 NY-REN-25	NY-REN-25 antigen
group 1	4.245944	0.000316	208001 CD59	CD59 antigen p18-20 (antigen identified by monoclonal antibodies 16.3A5, EJ16, EJ30, EL32)
group 1	4.241973	0.000316	285377 PELI2	pellino (Drosophila) homolog 2
group 1	4.241003	0.000316	42214 SYK	spleen tyrosine kinase
group 1	4.239788	0.000316	357220 SHC3	neuronal Shc
group 1	4.22769	0.000316	897177 PGAM1	phosphoglycerate mutase 1 (brain)
group 1	4.227231	0.000316	609332 COL14A1	collagen, type XIV, alpha 1 (undulin)
group 1	4.223334	0.000316	745214 KDELR2	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2
group 1	4.217642	0.000316	504308 FLJ10540	hypothetical protein FLJ10540
group 1	4.217396	0.000316	377672 LOC51291	Gem-interacting protein
group 1	4.216717	0.000316	897158 ARHA	ras homolog gene family, member A
group 1	4.214519	0.000316	293715 RAB1A	RAB1, member RAS oncogene family
group 1	4.213442	0.000316	897011 KIAA0842	KIAA0842 protein
group 1	4.211334	0.000316	378416	
group 1	4.208498	0.000316	359835 SAT	spermidine/spermine N1-acetyltransferase
group 1	4.207391	0.000316	704905 RAP1A	RAP1A, member of RAS oncogene family
group 1	4.20544	0.000316	82733 THRSF	thyroid hormone responsive SPOT14 (rat) homolog
group 1	4.20188	0.000316	784000 FLJ10769	hypothetical protein FLJ10769
group 1	4.200733	0.000316	726637 TCTE1L	t-complex-associated-testis-expressed 1-like
group 1	4.195372	0.000413	28475 CRYZ	crystallin, zeta (quinone reductase)
group 1	4.190916	0.000413	1435481 NEK7	Homo sapiens mRNA; cDNA DKFZp586G2222 (from clone DKFZp586G2222)
group 1	4.183002	0.000413	358456 SEC61G	Sec61 gamma
group 1	4.180803	0.000413	78217 EBAG9	estrogen receptor binding site associated, antigen, 9
group 1	4.180768	0.000413	80633 TLR2	toll-like receptor 2
group 1	4.179214	0.000413	529307 LOC54543	6.2 kd protein
group 1	4.179159	0.000413	40562 SGCB	sarcoglycan, beta (43kd dystrophin-associated glycoprotein)
group 1	4.174755	0.000413	491559 FABP3	fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)
group 1	4.174175	0.000413	138369 FCGR2B	Fc fragment of IgG, low affinity IIb, receptor for (CD32)
group 1	4.171438	0.000413	2874369 GALNS	galactosamine (N-acetyl)-6-sulfate sulfatase (Morquio syndrome, mucopolysaccharidosis type
group 1	4.168914	0.000413	490368 CD58	CD58 antigen, (lymphocyte function-associated antigen 3)
group 1	4.167085	0.000413	839991 COL1A2	collagen, type I, alpha 2
group 1	4.166122	0.000413	1456962 ARPC4	actin related protein 2/3 complex, subunit 4 (20 kD)
group 1	4.164629	0.000413	123262 LOC51219	clone FLB5214
group 1	4.16259	0.000413	149547 GNB4	guanine nucleotide binding protein beta subunit 4
group 1	4.16121	0.000413	810772	Homo sapiens clone 23763 unknown mRNA, partial cds
group 1	4.157736	0.000413	302292 EXT2	exostoses (multiple) 2
group 1	4.156803	0.000413	235155 FCER1G	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide
group 1	4.15599	0.000413	731339 LOC51580	H-2K binding factor-2

group 1	4.153725	0.000413	291891	DKFZP762D096	hypothetical protein DKFZp762D096
group 1	4.144263	0.000413	188232	KLF4	Kruppel-like factor 4 (gut)
group 1	4.144248	0.000413	1631132	PHT2	peptide transporter 3
group 1	4.144059	0.000413	289023	KIAA0626	KIAA0626 gene product
group 1	4.142319	0.000413	593690	TNFSF13B	tumor necrosis factor (ligand) superfamily, member 13b
group 1	4.140148	0.000413	1636495	TMPRSS4	transmembrane protease, serine 4
group 1	4.138159	0.000413	48614	ELF4	E74-like factor 4 (ets domain transcription factor)
group 1	4.137416	0.000413	486304	RASAL2	RAS protein activator like 2
group 1	4.133645	0.000413	773724	FADD	Fas (TNFRSF6)-associated via death domain
group 1	4.131081	0.000413	1917941	H2AV	histone H2A.F/Z variant
group 1	4.128319	0.000413	2807325	HABP4	intracellular hyaluronan-binding protein
group 1	4.125803	0.000413	2910832	DXS9928E	DNA segment on chromosome X (unique) 9928 expressed sequence
group 1	4.123611	0.000413	199833	DSCR3	Down syndrome critical region gene 3
group 1	4.118087	0.000413	767068	DKFZP586G1517	DKFZP586G1517 protein
group 1	4.117733	0.000413	788286	DYRK4	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 4
group 1	4.116861	0.000413	1604703	HLA-F	major histocompatibility complex, class I, F
group 1	4.109346	0.000413	812105	AF1Q	ALL1-fused gene from chromosome 1q
group 1	4.10867	0.000413	1635596	RASSF2	Ras association (RalGDS/AF-6) domain family 2
group 1	4.107796	0.000413	815161	KIAA0515	KIAA0515 protein
group 1	4.10229	0.000413	40643	PDGFRB	platelet-derived growth factor receptor, beta polypeptide
group 1	4.097931	0.000541	41123	MGC14859	Homo sapiens mRNA for FLJ00016 protein, partial cds
group 1	4.095759	0.000541	841698	EXT1	exostoses (multiple) 1
group 1	4.09456	0.000541	379200	IRAK1	interleukin-1 receptor-associated kinase 1
group 1	4.093384	0.000541	293676	MSTP043	uncharacterized hypothalamus protein HTMP
group 1	4.092295	0.000541	753447	DDB2	damage-specific DNA binding protein 2 (48kD)
group 1	4.091715	0.000541	755578	SLC7A5	solute carrier family 7 (cationic amino acid transporter, y+ system), member 5
group 1	4.08973	0.000541	769012	FLJ11116	similar to rab11-binding protein
group 1	4.089542	0.000541	340630	MAP3K8	mitogen-activated protein kinase kinase kinase 8
group 1	4.088071	0.000541	51221	PIPPIN	ortholog of rat pippin
group 1	4.087366	0.000541	232826	ARPC3	actin related protein 2/3 complex, subunit 3 (21 kD)
group 1	4.081268	0.000541	810039	DAD1	defender against cell death 1
group 1	4.080173	0.000541	506575	PP5395	hypothetical protein PP5395
group 1	4.079413	0.000541	47833	TUBA3	Tubulin, alpha, brain-specific
group 1	4.077663	0.000541	745138	TUBA2	tubulin, alpha 2
group 1	4.076043	0.000541	431397	GALNT1	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1 (GalT)
group 1	4.075183	0.000541	703581	PRG1	proteoglycan 1, secretory granule
group 1	4.073659	0.000541	460002	GALNT5	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 5 (GalT)
group 1	4.06917	0.000541	683059	CEP3	Cdc42 effector protein 3
group 1	4.068945	0.000541	687054	RELB	v-rel avian reticuloendotheliosis viral oncogene homolog B (nuclear factor of kappa light poly
group 1	4.064351	0.000541	450160	CHSY1	KIAA0990 protein
group 1	4.060175	0.000541	487082	SART2	squamous cell carcinoma antigen recognized by T cell
group 1	4.059937	0.000541	34795	DAZAP2	DAZ associated protein 2
group 1	4.055563	0.000541	301082	CTSO	cathepsin O
group 1	4.05318	0.000541	769846	SCAMP2	secretory carrier membrane protein 2
group 1	4.050714	0.000541	530139	GNAI2	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 2
group 1	4.050299	0.000541	626716	ELL2	ELL-RELATED RNA POLYMERASE II, ELONGATION FACTOR
group 1	4.049098	0.000541	2878570	ARHC	ras homolog gene family, member C
group 1	4.048735	0.000541	486436	UGP2	UDP-glucose pyrophosphorylase 2
group 1	4.046816	0.000541	814773	I01F6	putative tumor suppressor
group 1	4.046445	0.000541	712916	PSMC3	proteasome (prosome, macropain) 26S subunit, ATPase, 3
group 1	4.043386	0.000541	1471841	ATP1A1	ATPase, Na+/K+ transporting, alpha 1 polypeptide
group 1	4.041921	0.000541	1614140	LOC51285	Ris
group 1	4.039935	0.000541	730288	EHD4	EH-domain containing 4
group 1	4.030968	0.000541	868332	HLA-DPA1	Human mRNA for SB classII histocompatibility antigen alpha-chain
group 1	4.027723	0.000541	160485	GUCY1A3	guanylate cyclase 1, soluble, alpha 3
group 1	4.027202	0.000541	85624	C4BPA	complement component 4-binding protein, alpha
group 1	4.023427	0.000541	62112	KIAA0905	yeast Sec31p homolog
group 1	4.019558	0.000541	32407	PHKG2	phosphorylase kinase, gamma 2 (testis)
group 1	4.017904	0.000541	842863	NDRG1	N-myc downstream regulated
group 1	4.015325	0.000541	727390	PSEN1	presenilin 1 (Alzheimer disease 3)
group 1	4.004683	0.000541	214944	SLC27A4	solute carrier family 27 (fatty acid transporter), member 4
group 1	4.002864	0.000541	250654	MYO1F	secreted protein, acidic, cysteine-rich (osteonectin)
group 1	3.995642	0.000707	320564	KIAA1450	KIAA1450 protein
group 1	3.99305	0.000707	194214	TGIF	TGFB-induced factor (TALE family homeobox)
group 1	3.992031	0.000707	283258	ATP11B	ATPase, Class VI, type 11B
group 1	3.990755	0.000707	841314		Homo sapiens cDNA: FLJ22106 fis, clone HEP17675
group 1	3.987073	0.000707	712527	MACF1	actin cross-linking factor
group 1	3.985005	0.000707	768296	PIGA	phosphatidylinositol glycan, class A (paroxysmal nocturnal hemoglobinuria)
group 1	3.981802	0.000707	510631	RALGPS1A	Ral guanine nucleotide exchange factor RalGPS1A

group 1	3.975095	0.000707	745218	TBK1	TANK-binding kinase 1
group 1	3.974968	0.000707	125154		H.sapiens XG mRNA (clone PEP11)
group 1	3.973861	0.000707	82297	FLJ14642	hypothetical protein FLJ14642
group 1	3.972614	0.000707	624627	RRM2	ribonucleotide reductase M2 polypeptide
group 1	3.972475	0.000707	753467	SLC2A3	solute carrier family 2 (facilitated glucose transporter), member 3
group 1	3.968379	0.000707	82903	TAPBP	TAP binding protein (tapasin)
group 1	3.967734	0.000707	453379	VPS18	vacuolar protein sorting protein 18
group 1	3.964015	0.000707	813983	COPS3	COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 3
group 1	3.958395	0.000707	178569	SLC9A3R2	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulatory factor 2
group 1	3.955806	0.000707	826173	PFN1	profilin 1
group 1	3.955609	0.000707		EMPTY	
group 1	3.95554	0.000707	840556	EIF4EL3	eukaryotic translation initiation factor 4E-like 3
group 1	3.952444	0.000707	842980	DRG1	developmentally regulated GTP-binding protein 1
group 1	3.951105	0.000707	266037	MAFG	v-maf musculoaponeurotic fibrosarcoma (avian) oncogene family, protein G
group 1	3.948586	0.000707	502625	GALNT12	hypothetical protein FLJ21212
group 1	3.945908	0.000707	1606267	PTER	phosphotriesterase related
group 1	3.944322	0.000707	67759	ALOX5AP	Homo sapiens arachidonate 5-lipoxygenase-activating protein (ALOX5AP), mRNA
group 1	3.940514	0.000707	665356	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)
group 1	3.939093	0.000707	562927	LRRFIP1	leucine rich repeat (in FLII) interacting protein 1
group 1	3.930687	0.000707	878835	NDP	Norrie disease (pseudoglioma)
group 1	3.930456	0.000707	1640586	DUSP3	dual specificity phosphatase 3 (vaccinia virus phosphatase VH1-related)
group 1	3.921707	0.000707	1606790	MGC12217	hypothetical protein MGC12217
group 1	3.917902	0.000707	756556	SERPING1	serine (or cysteine) proteinase inhibitor, clade G (C1 inhibitor), member 1
group 1	3.916806	0.000707	455123	KIAA0429	KIAA0429 gene product
group 1	3.916371	0.000707	796986	ZSIG11	putative secreted protein
group 1	3.912456	0.000707	502701	FREQ	frequenin (Drosophila) homolog
group 1	3.9098	0.000707	161921		Homo sapiens cDNA FLJ13542 fis, clone PLACE1006779
group 1	3.907763	0.000707	855739	FLJ20136	hypothetical protein FLJ20136
group 1	3.906349	0.000707	2879443	GCG	glucagon
group 1	3.895423	0.000924	1584411	APOL3	apolipoprotein L, 3
group 1	3.894014	0.000924	626358	SRP68	signal recognition particle 68kD
group 1	3.891404	0.000924	1460073	RAI14	retinoic acid induced 14
group 1	3.89009	0.000924	809682	TNRC5	trinucleotide repeat containing 5
group 1	3.889006	0.000924	153355	CCL3	small inducible cytokine A3 (homologous to mouse Mip-1a)
group 1	3.888891	0.000924	769796	MGC17330	Homo sapiens, clone MGC:17330 IMAGE:4180134, mRNA, complete cds
group 1	3.883419	0.000924	193383	FLJ20986	H.sapiens polyA site DNA
group 1	3.880097	0.000924	1574629	LOC51619	ubiquitin-conjugating enzyme HBUCE1
group 1	3.879518	0.000924	38471	MNAT1	menage a trois 1 (CAK assembly factor)
group 1	3.876847	0.000924	324717	CFL2	cofilin 2 (muscle)
group 1	3.876625	0.000924	71116	TFPI	ESTs, Weakly similar to ubiquitous TPR motif, Y isoform [H.sapiens]
group 1	3.866072	0.000924	812955	KISS1	KiSS-1 metastasis-suppressor
group 1	3.865386	0.000924	1559230	FLJ13119	hypothetical protein FLJ13119
group 1	3.865249	0.000924	138929	HCC-4	Homo sapiens mRNA; cDNA DKFZp564H0764 (from clone DKFZp564H0764)
group 1	3.862661	0.000924	109708	CDC27	cell division cycle 27
group 1	3.856281	0.000924	703972	BICD2	KIAA0699 protein
group 1	3.852089	0.000924	363597	C11orf8	chromosome 11 open reading frame 8
group 1	3.85115	0.000924	172765	EXTL1	exostoses (multiple)-like 1
group 1	3.848993	0.000924	153473	PKD2	polycystic kidney disease 2 (autosomal dominant)
group 1	3.84822	0.000924	531862		ESTs
group 1	3.84612	0.000924	810729	RCN1	reticulocalbin 1, EF-hand calcium binding domain
group 1	3.844717	0.000924	969854	CALM3	calmodulin 2 (phosphorylase kinase, delta)
group 1	3.844559	0.000924	2028764	EIF1A	eukaryotic translation initiation factor 1A
group 1	3.843695	0.000924	141815	JAG1	jagged 1 (Alagille syndrome)
group 1	3.841874	0.000924	786680	ANXA5	annexin A5
group 1	3.841418	0.000924	144887	MGC21559	dolichyl-phosphate mannosyltransferase polypeptide 2, regulatory subunit
group 1	3.838747	0.000924	28444	CRSP2	cofactor required for Sp1 transcriptional activation, subunit 2 (150kD)
group 1	3.838555	0.000924	2125838	HLA-G	HLA-G histocompatibility antigen, class I, G
group 1	3.833562	0.000924	49502	CYLN2	cytoplasmic linker 2
group 1	3.828754	0.000924	51447	FCGR3A	Fc fragment of IgG, low affinity IIIb, receptor for (CD16)
group 1	3.827747	0.000924	130100	RRAS2	oncogene TC21
group 1	3.826114	0.000924	612616	MST1R	macrophage stimulating 1 receptor (c-met-related tyrosine kinase)
group 1	3.819704	0.000924	145132	MPDU1	mannose-P-dolichol utilization defect 1
group 1	3.813718	0.000924	855438	ATP6V1F	ATPase, vacuolar, 14 kD
group 1	3.81233	0.000924	809394	FLJ22028	RecQ protein-like (DNA helicase Q1-like)
group 1	3.810006	0.000924	283315	PGAM2	phosphoglycerate mutase 2 (muscle)
group 1	3.802102	0.000924	490140	DUSP14	MKP-1 like protein tyrosine phosphatase
group 2	9.876466	0	2272704	NR0B1	nuclear receptor subfamily 0, group B, member 1
group 2	9.707146	0	897788	PTPRF	protein tyrosine phosphatase, receptor type, F
group 2	9.614843	0	1155071	HOXA5	homeo box A5

group 2	9.279007	0	882522 ASS	argininosuccinate synthetase
group 2	8.666149	0	1569551 CSAD	cysteine sulfinic acid decarboxylase-relatedprotein 2
group 2	7.857679	0	1155071 HOXA5	homeo box A5
group 2	7.712664	0	45291 DRPLA	dentatorubral-pallidolulsian atrophy (atrophin-1)
group 2	7.317415	0	2020772 TM7SF2	transmembrane 7 superfamily member 2
group 2	7.262874	0	307660 FABP4	fatty acid binding protein 4, adipocyte
group 2	7.057005	0	173674 NPTX1	neuronal pentraxin I
group 2	6.996579	0	50602 FLJ00012	hypothetical protein FLJ00012
group 2	6.973978	0	814765 AKAP1	A kinase (PRKA) anchor protein 1
group 2	6.97259	0	704436 NXPH4	neurexophilin 4
group 2	6.925425	0	1573251 ZAP128	peroxisomal long-chain acyl-coA thioesterase
group 2	6.871508	0.000001	741988 ACY1	aminoacylase 1
group 2	6.782896	0.000001	511832 PPARG	peroxisome proliferative activated receptor, gamma
group 2	6.76894	0.000001	2019469 CKMT1	creatine kinase, mitochondrial I (ubiquitous)
group 2	6.711834	0.000001	448027 STXBP1	syntaxin binding protein 1
group 2	6.690499	0.000001	2783185 RPL18	ribosomal protein L18
group 2	6.677221	0.000001	781510 CITED1	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 1
group 2	6.666603	0.000001	1565455 MRPS25	nuclear receptor subfamily 2, group C, member 2
group 2	6.640296	0.000001	855406	Homo sapiens clone TCCCIA00176 mRNA sequence
group 2	6.57896	0.000001	878545 RPL18	ribosomal protein L18
group 2	6.576565	0.000001	448027 STXBP1	syntaxin binding protein 1
group 2	6.514813	0.000001	358433 RXRG	retinoid X receptor, gamma
group 2	6.414855	0.000001	490649 MCCC1	methylcrotonoyl-Coenzyme A carboxylase 1 (alpha)
group 2	6.314829	0.000002	1635062 DKFZP586A011	DKFZP586A011 protein
group 2	6.30058	0.000002	459941 TACC2	transforming, acidic coiled-coil containing protein 2
group 2	6.230723	0.000002	2017930 KIP2	DNA-dependent protein kinase catalytic subunit-interacting protein 2
group 2	6.217434	0.000002	2768664 OXT	oxytocin, prepro- (neurophysin I)
group 2	6.121719	0.000002	767823 PALMD	hypothetical protein FLJ20271
group 2	6.017922	0.000003	21738 HADHSC	L-3-hydroxyacyl-Coenzyme A dehydrogenase, short chain
group 2	5.969434	0.000004	289818 ALDH6A1	methylmalonate-semialdehyde dehydrogenase
group 2	5.961589	0.000004	2847932 PFDN1	prefoldin 1
group 2	5.95786	0.000004	46367 CHK	choline kinase
group 2	5.918642	0.000004	839882 SLC5A3	solute carrier family 5 (inositol transporters), member 3
group 2	5.90499	0.000004	43977 KIAA0182	KIAA0182 protein
group 2	5.879047	0.000005	175103 CELSR2	cadherin, EGF LAG seven-pass G-type receptor 2, flamingo (Drosophila) homolog
group 2	5.84643	0.000005	2254846 PIASY	protein inhibitor of activated STAT protein PIASy
group 2	5.760015	0.000006	1635062 DKFZP586A011	DKFZP586A011 protein
group 2	5.752004	0.000006	2012523 FABP5	fatty acid binding protein 5 (psoriasis-associated)
group 2	5.691693	0.000007	272942 DKFZp434K1210	hypothetical protein DKFZp434K1210
group 2	5.653565	0.000007	183476 APM1	adipose most abundant gene transcript 1
group 2	5.636573	0.000007	461761 ANG	angiogenin, ribonuclease, RNase A family, 5
group 2	5.583048	0.000009	744388 KIAA1041	KIAA1041 protein
group 2	5.568522	0.000009	23173 MAPK10	mitogen-activated protein kinase 10
group 2	5.489618	0.000012	897884 KIAA1573	KIAA1573 protein
group 2	5.429016	0.000012	35077 APEG1	nuclear protein, marker for differentiated aortic smooth muscle and down-regulated with vascular
group 2	5.428493	0.000012	272200	Homo sapiens cDNA: FLJ22130 fis, clone HEP19632
group 2	5.407122	0.000012	283461 FLJ13910	hypothetical protein FLJ13910
group 2	5.401542	0.000012	826352 OGG1	8-oxoguanine DNA glycosylase
group 2	5.382865	0.000016	950450 RHOBTB3	KIAA0878 protein
group 2	5.380081	0.000016	27848 ACAA1	acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase)
group 2	5.367813	0.000016	114852 C16orf3	chromosome 16 open reading frame 3
group 2	5.35967	0.000016	1636606 UGT2B7	UDP glycosyltransferase 2 family, polypeptide B7
group 2	5.325825	0.000016	810552 REA	B-cell associated protein
group 2	5.319097	0.000016	134748 GCSH	glycine cleavage system protein H (aminomethyl carrier)
group 2	5.317715	0.000016	753215 GNAI1	guanine nucleotide binding protein (G protein), alpha inhibiting activity polypeptide 1
group 2	5.289179	0.00002	35185 GABRB1	gamma-aminobutyric acid (GABA) A receptor, beta 1
group 2	5.286386	0.00002	1685363 GLRB	glycine receptor, beta
group 2	5.271043	0.00002	753248 DAAM2	KIAA0381 protein
group 2	5.262568	0.00002	611027 DHODH	dihydroorotate dehydrogenase
group 2	5.238714	0.00002	795378 KIAA1238	KIAA1238 protein
group 2	5.228736	0.00002	1456118 PSMB9	proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional protease 2)
group 2	5.216433	0.00002	346308 FLJ13912	hypothetical protein FLJ13912
group 2	5.166683	0.000027	80338 SELENBP1	selenium binding protein 1
group 2	5.154794	0.000027	768443 MGST1	microsomal glutathione S-transferase 1
group 2	5.13651	0.000027	47460 B3GAT1	beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P)
group 2	5.073055	0.000035	52629 CAMK1	calcium/calmodulin-dependent protein kinase I
group 2	5.069318	0.000035	795321 MAN2A2	mannosidase, alpha, class 2A, member 2
group 2	5.056464	0.000035	1552602 PHKA1	phosphorylase kinase, alpha 1 (muscle)
group 2	5.051693	0.000035	628418 GPD1	glycerol-3-phosphate dehydrogenase 1 (soluble)

group 2	5.048615	0.000035	1630990 RPL29	ribosomal protein L29
group 2	5.042653	0.000035	210697 EHM2	EHM2 gene
group 2	5.023059	0.000035	34849 EEF2	eukaryotic translation elongation factor 2
group 2	5.010779	0.000035	124824 RPL10A	ribosomal protein L10a
group 2	4.993856	0.000046	193892 PEG10	paternally expressed 10
group 2	4.987198	0.000046	79022 FOSB	FBJ murine osteosarcoma viral oncogene homolog B
group 2	4.987053	0.000046	417630 IFRD1	interferon-related developmental regulator 1
group 2	4.98183	0.000046	752652 TCF7L2	transcription factor 7-like 2 (T-cell specific, HMG-box)
group 2	4.954478	0.000046	EMPTY	
group 2	4.948096	0.000046	451911 SEMA4G	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain
group 2	4.935808	0.000046	505882 C20orf27	hypothetical protein FLJ20550
group 2	4.929306	0.000046	295551 POLR2B	polymerase (RNA) II (DNA directed) polypeptide B (140kD)
group 2	4.925713	0.000046	245860	Homo sapiens mRNA; cDNA DKFZp564H1916 (from clone DKFZp564H1916)
group 2	4.920469	0.000046	491692 COL4A1	collagen, type IV, alpha 1
group 2	4.915519	0.000046	711768 GALE	galactose-4-epimerase, UDP-
group 2	4.907981	0.000046	1636707 EIF3S3	eukaryotic translation initiation factor 3, subunit 3 (gamma, 40kD)
group 2	4.883812	0.000061	878564 GPC3	glypican 3
group 2	4.878189	0.000061	897673 PGD	phosphogluconate dehydrogenase
group 2	4.848305	0.000061	489208 HN1L	hypothetical protein similar to mouse HN1 (Hematological and Neurological expressed sequence)
group 2	4.846855	0.000061	325515 FLJ10980	hypothetical protein FLJ10980
group 2	4.825582	0.000061	756488 TARBP2	TAR (HIV) RNA-binding protein 2
group 2	4.822567	0.000061	416959 NFIB	nuclear factor I/B
group 2	4.815608	0.000061	823562 CDO1	cysteine dioxygenase, type 1
group 2	4.799582	0.00008	85805 RBP4	retinol-binding protein 4, plasma
group 2	4.796011	0.00008	40026 SLC25A4	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4
group 2	4.792885	0.00008	1569306 FLJ14225	hypothetical protein FLJ14225
group 2	4.78861	0.00008	769959 COL4A2	collagen, type IV, alpha 2
group 2	4.784696	0.00008	41595 KIAA0683	KIAA0683 gene product
group 2	4.775421	0.00008	1473300 HADHA	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase/hydroxyacyl-Coenzyme A oxidoreductase (NADP+ dependent)
group 2	4.774907	0.00008	788568 ARHGEF7	PAK-interacting exchange factor beta
group 2	4.771695	0.00008	787865	Homo sapiens mRNA; cDNA DKFZp547J125 (from clone DKFZp547J125)
group 2	4.768314	0.00008	44505 ALDH5A1	aldehyde dehydrogenase 5 family, member A1 (succinate-semialdehyde dehydrogenase)
group 2	4.762018	0.00008	884842 RPL36AL	ribosomal protein L36a
group 2	4.756867	0.00008	82225 SFRP1	secreted frizzled-related protein 1
group 2	4.73166	0.00008	361639 GCLM	glutamate-cysteine ligase, modifier subunit
group 2	4.730591	0.00008	866882 FDFT1	farnesyl-diphosphate farnesyltransferase 1
group 2	4.727827	0.00008	2019101 AGT	angiotensinogen (serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antipain), subgroup 1) protein
group 2	4.723491	0.00008	897570 TRAP1	heat shock protein 75
group 2	4.720651	0.00008	49860 PDK2	pyruvate dehydrogenase kinase, isoenzyme 2
group 2	4.719447	0.00008	825687 EBF	early B-cell factor
group 2	4.710573	0.00008	898219 MEST	mesoderm specific transcript (mouse) homolog
group 2	4.7047	0.00008	144747	Homo sapiens clone 24771 mRNA sequence
group 2	4.693808	0.000106	242778 CEGP1	CEGP1 protein
group 2	4.692252	0.000106	742115 DCI	dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase)
group 2	4.665059	0.000106	70500 TBX3	T-box 3 (ulnar mammary syndrome)
group 2	4.656387	0.000106	418129 IL18BP	interleukin 18 binding protein
group 2	4.647696	0.000106	399054 WDR10	WD repeat domain 10
group 2	4.646038	0.000106	265522 SEMA6A	HT018 protein
group 2	4.64364	0.000106	810124 PAFAH1B3	platelet-activating factor acetylhydrolase, isoform Ib, gamma subunit (29kD)
group 2	4.6234	0.000106	841352 RBMX	RNA binding motif protein, X chromosome
group 2	4.610087	0.000106	1161564 DMN	desmuslin
group 2	4.60666	0.000106	809578 RPS5	ribosomal protein S5
group 2	4.596619	0.000139	1642145 KIAA1034	KIAA1034 protein
group 2	4.596557	0.000139	471664 20D7-FC4	hypothetical protein
group 2	4.596214	0.000139	610883 PCDHA10	protocadherin alpha 10
group 2	4.585795	0.000139	809901 COL15A1	collagen, type XV, alpha 1
group 2	4.571513	0.000139	34396 HSPCB	heat shock 90kD protein 1, beta
group 2	4.569238	0.000139	84264 FLJ10948	hypothetical protein FLJ10948
group 2	4.568069	0.000139	2882981	
group 2	4.548258	0.000139	755385 CDC16	CDC16 (cell division cycle 16, S. cerevisiae, homolog)
group 2	4.543636	0.000139	1592039 COL4A5	collagen, type IV, alpha 5 (Alport syndrome)
group 2	4.539102	0.000139	66336 PPFIBP2	PTPRF interacting protein, binding protein 2 (liprin beta 2)
group 2	4.5069	0.000139	810358 ACADVL	acyl-Coenzyme A dehydrogenase, very long chain
group 2	4.502193	0.000139	206217 NR1H3	nuclear receptor subfamily 1, group H, member 3
group 2	4.496388	0.000183	898070 PRPF4B	serine/threonine-protein kinase PRP4 homolog
group 2	4.496248	0.000183	282907 RYR3	ryanodine receptor 3
group 2	4.482629	0.000183	428377 LOC57797	hypothetical protein R31240_1
group 2	4.479092	0.000183	361539 SORT1	sortilin 1
group 2	4.476961	0.000183	279670 BCAR3	breast cancer anti-estrogen resistance 3

group 2	4.476499	0.000183	2328295 RPL3L	ribosomal protein L3-like
group 2	4.476356	0.000183	813585 C20orf18	HBV associated factor
group 2	4.473472	0.000183	785930 HOXA4	homeo box A4
group 2	4.454365	0.000183	462595 MOCS1	ARP2 (actin-related protein 2, yeast) homolog
group 2	4.45331	0.000183	814101 TFDP2	transcription factor Dp-2 (E2F dimerization partner 2)
group 2	4.451028	0.000183	25725 FDF1	farnesyl-diphosphate farnesyltransferase 1
group 2	4.446636	0.000183	33525 EEF1G	eukaryotic translation elongation factor 1 gamma
group 2	4.441242	0.000183	379604 RAMP2	receptor (calcitonin) activity modifying protein 2
group 2	4.435538	0.000183	395708 DPYSL4	dihydropyrimidinase-like 4
group 2	4.425273	0.000183	108378 PC	pyruvate carboxylase
group 2	4.407111	0.000183	897596 RPL5	ribosomal protein L5
group 2	4.403176	0.000183	526945 HSD17B8	FabG (beta-ketoacyl-[acyl-carrier-protein] reductase, E coli) like
group 2	4.389057	0.000241	814145 AIBZIP	jumping translocation breakpoint
group 2	4.385507	0.000241	840364 AHCY	S-adenosylhomocysteine hydrolase
group 2	4.382058	0.000241	971367 RPS8	ribosomal protein S8
group 2	4.380819	0.000241	502355 ACO1	aconitase 1, soluble
group 2	4.379782	0.000241	742082 PCK1	phosphoenolpyruvate carboxykinase 1 (soluble)
group 2	4.375245	0.000241	785845 TFAM	transcription factor 6-like 1 (mitochondrial transcription factor 1-like)
group 2	4.370165	0.000241	79520 RAB2	RAB2, member RAS oncogene family
group 2	4.369872	0.000241	2087660 CRB1	crumbs (Drosophila) homolog 1
group 2	4.361118	0.000241	199355 MRS2L	MRS2 (S. cerevisiae)-like, magnesium homeostasis factor
group 2	4.338217	0.000241	213136 BTG2	BTG family, member 2
group 2	4.335148	0.000241	Empty	
group 2	4.330166	0.000241	840333 KIAA0089	KIAA0089 protein
group 2	4.323655	0.000241	235135	ESTs, Highly similar to S06046 integrin alpha-4 chain precursor [H.sapiens]
group 2	4.323512	0.000241	809876 ATP5G2	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2
group 2	4.320751	0.000241	744983 LOC55893	papillomavirus regulatory factor PRF-1
group 2	4.319511	0.000241	235986 WNT11	wingless-type MMTV integration site family, member 11
group 2	4.318677	0.000241	140197 NRN1	neuritin
group 2	4.30152	0.000241	837904 RPL15	ribosomal protein L15
group 2	4.300021	0.000241	809894 ACAS2	acetyl-CoA synthetase
group 2	4.299932	0.000316	286378 ZNF135	zinc finger protein 135 (clone pHZ-17)
group 2	4.29402	0.000316	27549 HNRPA1	heterogeneous nuclear ribonucleoprotein A1
group 2	4.286529	0.000316	726582 ARP3BETA	actin-related protein 3-beta
group 2	4.2757	0.000316	878267 WDR3	WD repeat domain 3
group 2	4.275138	0.000316	1412504 CTRB1	chymotrypsinogen B1
group 2	4.267685	0.000316	40120 Rab11-FIP2	KIAA0941 protein
group 2	4.264748	0.000316	785293 HRASLS3	similar to rat HREV107
group 2	4.257288	0.000316	212165 PRDX2	peroxiredoxin 2
group 2	4.251821	0.000316	209655 TGFBR3	transforming growth factor, beta receptor III (betaglycan, 300kD)
group 2	4.249656	0.000316	1643144 AKAP4	A kinase (PRKA) anchor protein 4
group 2	4.243235	0.000316	381067 RFXAP	regulatory factor X-associated protein
group 2	4.232465	0.000316	2783695 NDUFC2	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2 (14.5kD, B14.5b)
group 2	4.219033	0.000316	1476157 PXR1	peroxisome receptor 1
group 2	4.206816	0.000316	767034 ILVBL	ilvB (bacterial acetolactate synthase)-like
group 2	4.203447	0.000316	51981 RPL7A	ribosomal protein L7a
group 2	4.203045	0.000316	137794 ACVR2B	activin A receptor, type IIB
group 2	4.198332	0.000413	809464 FGFR2	fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte growth factor rece
group 2	4.1975	0.000413	666154 PDE8A	phosphodiesterase 8A
group 2	4.183978	0.000413	1475797 SMARCC1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, mei
group 2	4.182947	0.000413	1049291 OR7E47P	olfactory receptor, family 7, subfamily E, member 47 pseudogene
group 2	4.181904	0.000413	119133	Homo sapiens mRNA; cDNA DKFZp434B231 (from clone DKFZp434B231)
group 2	4.181162	0.000413	1472753 EIF4B	eukaryotic translation initiation factor 4B
group 2	4.176524	0.000413	755301 PRKCD	protein kinase C, delta
group 2	4.173264	0.000413	773183 AF093680	similar to mouse Glt3 or D. malanogaster transcription factor IIB
group 2	4.159883	0.000413	838829 PLU-1	putative DNA/chromatin binding motif
group 2	4.159001	0.000413	814526 RNPC1	seb4D
group 2	4.153878	0.000413	139681 NNAT	neuronatin
group 2	4.140619	0.000413	1209068 KIAA1030	KIAA1030 protein
group 2	4.139537	0.000413	49839 FLJ20069	hypothetical protein FLJ20069
group 2	4.13682	0.000413	120695 C20orf14	putative mitochondrial outer membrane protein import receptor
group 2	4.123847	0.000413	1570311 KIAA0914	KIAA0914 gene product
group 2	4.121041	0.000413	502499 PMM1	phosphomannomutase 1
group 2	4.114535	0.000413	203547 UBE4B	ubiquitination factor E4B (homologous to yeast UFD2)
group 2	4.110647	0.000413	813481 HOXB13	homeo box B13
group 2	4.108215	0.000413	1562240 DKFZp434N035	hypothetical protein DKFZp434N035
group 2	4.09528	0.000541	391984	Homo sapiens beta-1 adrenergic receptor mRNA, 3' UTR
group 2	4.092153	0.000541	825798 PEX14	peroxisomal biogenesis factor 14
group 2	4.075078	0.000541	2852574 RAD54B	RAD54, S. cerevisiae, homolog of, B

group 2	4.069781	0.000541	51740 HADHB	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme
group 2	4.068817	0.000541	2060588 ABCB6	ATP-binding cassette, sub-family B (MDR/TAP), member 6
group 2	4.06456	0.000541	155575 EPB41L1	erythrocyte membrane protein band 4.1-like 1
group 2	4.063425	0.000541	1587863 ACAA1	acetyl-Coenzyme A acyltransferase 1 (peroxisomal 3-oxoacyl-Coenzyme A thiolase)
group 2	4.059335	0.000541	265040	ESTs
group 2	4.055518	0.000541	364563 FGF18	fibroblast growth factor 18
group 2	4.052762	0.000541	701711 ZNF302	zinc finger protein 302
group 2	4.048699	0.000541	610097 BPHL	biphenyl hydrolase-like (serine hydrolase; breast epithelial mucin-associated antigen)
group 2	4.040101	0.000541	809517 H19	H19, imprinted maternally expressed untranslated mRNA
group 2	4.027624	0.000541	505063 C21orf108	KIAA0539 gene product
group 2	4.027145	0.000541	815503 RCOR	KIAA0071 protein
group 2	4.026756	0.000541	462113 DRIL1	dead ringer (Drosophila)-like 1
group 2	4.025555	0.000541	47853 ALDH4A1	aldehyde dehydrogenase 4 family, member A1
group 2	4.02063	0.000541	1471829 RPL35A	nuclear RNA helicase, DECD variant of DEAD box family
group 2	4.016104	0.000541	392622 ATP5B	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, beta polypeptide
group 2	4.015791	0.000541	770337	Homo sapiens mRNA for TL132
group 2	4.014594	0.000541	843398 BMP2	bone morphogenetic protein 2
group 2	4.008713	0.000541	298268 BTG1	B-cell translocation gene 1, anti-proliferative
group 2	4.007954	0.000541	45632 GYS1	glycogen synthase 1 (muscle)
group 2	4.007901	0.000541	756533 BSG	basigin (OK blood group)
group 2	4.006488	0.000541	111460 CCNT1	cyclin T1
group 2	4.004558	0.000541	346484 ATPAF1	hypothetical protein FLJ22351
group 2	4.002819	0.000541	487297 CAP2	adenylyl cyclase-associated protein 2
group 2	3.99991	0.000707	1640708 FLJ10496	hypothetical protein FLJ10496
group 2	3.99987	0.000707	744001 RBM5	RNA binding motif protein 5
group 2	3.992643	0.000707	897590 GNAS	neuroendocrine secretory protein 55
group 2	3.991514	0.000707	220096 CNGB1	
group 2	3.990786	0.000707	32684 RPL32	ribosomal protein L32
group 2	3.990191	0.000707	307933 NDUFB5	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5 (16kD, SGD1)
group 2	3.982171	0.000707	1933979 STX6	syntaxin 6
group 2	3.981231	0.000707	1862539 RPS9	ribosomal protein S9
group 2	3.980494	0.000707	241988 WDR6	WD repeat domain 6
group 2	3.975083	0.000707	209246 EIF3S6IP	HSPC025
group 2	3.967083	0.000707	814086 U3-55K	U3 snoRNP-associated 55-kDa protein
group 2	3.962147	0.000707	510542 GPA33	glycoprotein A33 (transmembrane)
group 2	3.946999	0.000707	377314 CSNK2A2	casein kinase 2, alpha prime polypeptide
group 2	3.943056	0.000707	877522 INE1	inactivation escape 1
group 2	3.942764	0.000707	362457 LHX2	LIM homeobox protein 2
group 2	3.918777	0.000707	842784 SLC25A3	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 3
group 2	3.917168	0.000707	156437 ATP1A2	ATPase, Na ⁺ /K ⁺ transporting, alpha 2 (+) polypeptide
group 2	3.916429	0.000707	345559 RBM5	RNA binding motif protein 5
group 2	3.908478	0.000707	810981 FLJ20699	hypothetical protein FLJ20699
group 2	3.905328	0.000707	897956 PRAME	preferentially expressed antigen in melanoma
group 2	3.904405	0.000707	298155 ACADM	acyl-Coenzyme A dehydrogenase, C-4 to C-12 straight chain
group 2	3.899606	0.000924	124261 SNRP70	small nuclear ribonucleoprotein 70kD polypeptide (RNP antigen)
group 2	3.899061	0.000924	1631762 NDUFB9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9 (22kD, B22)
group 2	3.891377	0.000924	731308 CS	citrate synthase
group 2	3.877688	0.000924	179276 FASN	fatty acid synthase
group 2	3.8725	0.000924	770835 BCKDHB	branched chain keto acid dehydrogenase E1, beta polypeptide (maple syrup urine disease)
group 2	3.871748	0.000924	488555	Homo sapiens cDNA FLJ20463 fis, clone KAT06143
group 2	3.866046	0.000924	128358 MECP2	methyl CpG binding protein 2 (Rett syndrome)
group 2	3.863014	0.000924	789011 AAMP	angio-associated, migratory cell protein
group 2	3.858009	0.000924	246292 C20orf99	hypothetical protein FLJ22115
group 2	3.857673	0.000924	781341 HSPE1	heat shock 10kD protein 1 (chaperonin 10)
group 2	3.85748	0.000924	179256 LIPE	lipase, hormone-sensitive
group 2	3.857464	0.000924	1475786 APM1	adaptor-related protein complex 3, mu 1 subunit
group 2	3.852731	0.000924	1435029 GALT	galactose-1-phosphate uridylyltransferase
group 2	3.846201	0.000924	79960 RRP40	exosome component Rrp40
group 2	3.843352	0.000924	66457 P66	KIAA1150 protein
group 2	3.840408	0.000924	179617 PDE1B	phosphodiesterase 1B, calmodulin-dependent
group 2	3.837687	0.000924	813830 CYC1	cytochrome c-1
group 2	3.830745	0.000924	436861 FRAG1	FGF receptor activating protein 1
group 2	3.829456	0.000924	121727 KIAA1560	KIAA1560 protein
group 2	3.826274	0.000924	2909116 AKAP8	A kinase (PRKA) anchor protein 8
group 2	3.817946	0.000924	730942 DECR2	2,4-dienoyl CoA reductase 2, peroxisomal
group 2	3.81698	0.000924	511303 PLA2R1	phospholipase A2 receptor 1, 180kD
group 2	3.815557	0.000924	704690 HIPK3	homeodomain-interacting protein kinase 3
group 2	3.814864	0.000924	45376 ACAA2	acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thiolase)
group 2	3.812507	0.000924	781097 RTN3	reticulon 3

group 2	3.812341	0.000924	1492147 RPS4X	ribosomal protein S4, X-linked
group 2	3.808738	0.000924	815285 CHERP	protein with polyglutamine repeat; calcium (ca2+) homeostasis endoplasmic reticulum proteir
group 2	3.80697	0.000924	448218 RXRA	retinoid X receptor, alpha
group 2	3.805841	0.000924	990881	
group 2	3.802289	0.000924	460126 KIAA0819	KIAA0819 protein
group 2	3.801896	0.000924	24097 KIAA0853	KIAA0853 protein
group 2	3.800511	0.000924	160723 LAMC1	laminin, gamma 1 (formerly LAMB2)