Table 1. List of 1222 up and down-regulated genes between primary colorectal carcinoma and nor
(P<0.05, fc > 2.0)

NO	UGCluster	Symbol	Name	P-*value*	P / N (*fc*)
1	Hs.23118	CA1	Carbonic anhydrase I	0.00005	-85.71
2	Hs.251380	INSL5	Insulin-like 5	0.00003	-36.27
3	Hs.194659	CLCA1	Chloride channel, calcium activated, family member 1	0.00011	-36.08
4	Hs.155097	CA2	Carbonic anhydrase II	0.00003	-30.01
5	Hs.414614	SCNN1B	Sodium channel, nonvoltage-gated 1, beta (Liddle syndrome)	0.00003	-23.80
6	Hs.74466	CEACAM7	Carcinoembryonic antigen-related cell adhesion molecule 7	0.00007	-21.27
7	Hs.315	MUC2	Mucin 2, intestinal/tracheal	0.00005	-17.16
8	Hs.778	GUCA2A	Guanylate cyclase activator 2A (guanylin)	0.00003	-17.04
9	Hs.299329	B3GNT7	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7	0.00003	-16.46
10	Hs.437905	SPIB	Spi-B transcription factor (Spi-1/PU.1 related)	0.00003	-16.00
11	Hs.435611	VMD2L1	Vitelliform macular dystrophy 2-like 1	0.00003	-14.72
12	Hs.169249	PYY	Peptide YY	0.00005	-14.56
13	Hs.89485	CA4	Carbonic anhydrase IV	0.00007	-14.14
14	Hs.112377	VSIG2	V-set and immunoglobulin domain containing 2	0.00005	-14.10
15	Hs.50813	ITLN1	Intelectin 1 (galactofuranose binding)	0.00005	-13.63
16	Hs.33455	PADI2	Peptidyl arginine deiminase, type II	0.00003	-12.90
17	Hs.111732	FCGBP	Fc fragment of IgG binding protein	0.00006	-12.63
18	Hs.1408	EDN3	Endothelin 3	0.00004	-12.54
19	Hs.1650	SLC26A3	Solute carrier family 26, member 3	0.00010	-11.96
20	Hs.516494	GCG	Glucagon	0.00005	-11.88
21	Hs.466804	PLA2G2A	Phospholipase A2, group IIA (platelets, synovial fluid)	0.00091	-11.36
22	Hs.331555	SPINK5	Serine protease inhibitor, Kazal type 5	0.00003	-10.83
23	Hs.97644	SCGB2A1	Secretoglobin, family 2A, member 1	0.00004	-10.76
24	Hs.213424	SFRP1	Secreted frizzled-related protein 1	0.00005	-10.64
25	Hs.546343	CLCA4	Chloride channel, calcium activated, family member 4	0.00089	-10.35
26	Hs.179100	C11orf33	Chromosome 11 open reading frame 33	0.00003	-10.21
27	Hs.272789	MS4A12	Membrane-spanning 4-domains, subfamily A, member 12	0.00003	-10.10
28	Hs.116724	AKR1B10	Aldo-keto reductase family 1, member B10 (aldose reductase)	0.00003	-10.06
29	Hs.162795	HSD17B2	Hydroxysteroid (17-beta) dehydrogenase 2	0.00003	-9.89
30	Hs.368549	ADH1A	Alcohol dehydrogenase 1A (class I), alpha polypeptide	0.00034	-9.41
31	Hs.476453	DNASE1L3	Deoxyribonuclease I-like 3	0.00021	-8.72
32	Hs.109672	SIAT7F	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalact	0.00003	-8.20
33	Hs.528304	ADAM28	A disintegrin and metalloproteinase domain 28	0.00005	-7.90
34	Hs.502458	BHC80	PHD finger protein 21A	0.01287	-7.81
35	Hs.489355	MUC12	Mucin 12	0.00003	-7.77
36	Hs.302738	SLC26A2	Solute carrier family 26 (sulfate transporter), member 2	0.00004	-7.69
37	Hs.531776	LGALS2	Lectin, galactoside-binding, soluble, 2 (galectin 2)	0.00004	-7.42
38	Hs.521459	ADAMDEC1	ADAM-like, decysin 1	0.00003	-7.37
39	Hs.75516	TYK2	Tyrosine kinase 2	0.00029	-7.16
40	Hs.549078		Data not found	0.00005	-7.06
41	Hs.461196	DDX19L	DEAD (Asp-Glu-Ala-As) box polypeptide 19A	0.00003	-6.91
42	Hs.499709	SLC16A9	Solute carrier family 16 (monocarboxylic acid transporters), member 9	0.00005	-6.78
43	Hs.37014	CA7	Carbonic anhydrase VII	0.00011	-6.75
44	Hs.5462	SLC4A4	Solute carrier family 4, sodium bicarbonate cotransporter, member 4	0.00005	-6.61
45	Hs.37982	NEDD9	Neural precursor cell expressed, developmentally down-regulated 9	0.00003	-6.54
46	Hs.210995	CA12	Carbonic anhydrase XII	0.00003	-6.51
47	Hs.367833	SLC28A2	Solute carrier family 28 (sodium-coupled nucleoside transporter), memb	0.00003	-6.51
48	Hs.59889	HMGCS2	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 (mitochondrial)	0.00053	-6.46
49	Hs.194710	GCNT3	Glucosaminyl (N-acetyl) transferase 3, mucin type	0.00017	-6.35
50	Hs.189109	BTNL8	Butyrophilin-like 8	0.00005	-6.34
51	Hs.473927	PDE9A	Phosphodiesterase 9A	0.00003	-6.32
52	Hs.552615	MUC11	Mucin 11	0.00003	-6.29

53	Hs.523395	MUC5B	Mucin 5, subtype B, tracheobronchial	0.00089	-6.26
54	Hs.445818	SPON1	Spondin 1, extracellular matrix protein	0.00011	-6.25
55	Hs.296323	SGK	Serum/glucocorticoid regulated kinase	0.00005	-6.24
56	Hs.173724	CKB	Creatine kinase, brain	0.00008	-6.20
57	Hs.287702	FLJ22595	ADP-ribosylation factor 7	0.00009	-6.03
58	Hs.155597	DF	D component of complement (adipsin)	0.00003	-6.00
59	Hs.176658	AQP8	Aquaporin 8	0.00017	-5.96
60	Hs.25333	IL1R2	Interleukin 1 receptor, type II	0.00028	-5.96
61	Hs.530291	ANXA11	Annexin A11	0.00005	-5.89
62	Hs.268700	FLJ21736	Esterase 31	0.00005	-5.86
63	Hs.122583	FLJ21934	UDP glucuronosyltransferase 2 family, polypeptide A3	0.00028	-5.81
64	Hs.2556	TNFRSF17	Tumor necrosis factor receptor superfamily, member 17	0.00004	-5.75
65	Hs.438462	MT1H	Metallothionein 1H	0.00028	-5.64
66	Hs.458273	MT1L	Metallothionein 1L	0.00077	-5.55
67	Hs.348500	VIPR1	Vasoactive intestinal peptide receptor 1	0.00003	-5.55
68	Hs.498021	CAPN9	Calpain 9	0.00005	-5.50
69	Hs.126667	EDG2	Endothelial differentiation, lysophosphatidic acid G-protein-coupled rece	0.00005	-5.48
70	Hs.98243	SPINK2	Serine protease inhibitor, Kazal type 2 (acrosin-trypsin inhibitor)	0.00005	-5.47
71	Hs.449598		Rearranged Humigla1L1 gene encoding IgG light chain	0.00833	-5.45
72	Hs.252351	HHLA2	HERV-H LTR-associating 2	0.00017	-5.43
73	Hs.89603	MUC1	Mucin 1, transmembrane	0.00034	-5.36
74	Hs.234759	FEV	FEV (ETS oncogene family)	0.00003	-5.36
75	Hs.275775	SEPP1	Selenoprotein P, plasma, 1	0.00443	-5.31
76	Hs.179608	DHRS9	Dehydrogenase/reductase (SDR family) member 9	0.00004	-5.26
77	Hs.70843	APBA1	Amyloid beta (A4) precursor protein-binding, family A, member 1 (X11)	0.00313	-5.15
78	Hs.551746		Lambda light chain variable gene mRNA	0.00043	-5.13
79	Hs.429596	SI	Sucrase-isomaltase (alpha-glucosidase)	0.00003	-5.01
80	Hs.516836	SDCBP2	Syndecan binding protein (syntenin) 2	0.00003	-5.00
81	Hs.2799	HAPLN1	Hyaluronan and proteoglycan link protein 1	0.00065	-4.98
82	Hs.486357	SMPDL3A	Sphingomyelin phosphodiesterase, acid-like 3A	0.00003	-4.95
83	Hs.38972	TSPAN1	Tetraspanin 1	0.00005	-4.93
84	Hs.111577	ITM2C	Integral membrane protein 2C	0.00003	-4.85
85	Hs.497518	DKFZp761N	Hypothetical protein DKFZp761N1114	0.00003	-4.84
86	Hs.124112		Transcribed locus, strongly similar to XP_526068.1 PREDICTED: hypot	0.00004	-4.72
87	Hs.504534	CXorf10	Hypothetical gene supported by AK057608	0.00003	-4.70
88	Hs.1690	FGFBP1	Fibroblast growth factor binding protein 1	0.00022	-4.70
89	Hs.445534	PER1	Period homolog 1 (Drosophila)	0.00004	-4.70
90	Hs.469906		Homo sapiens, clone IMAGE:6198912, mRNA	0.00031	-4.69
91	Hs.131555	ENTPD5	Ectonucleoside triphosphate diphosphohydrolase 5	0.00003	-4.69
92	Hs.477015	ABI3BP	ABI gene family, member 3 (NESH) binding protein	0.00005	-4.68
93	Hs.282265	FABP2	Fatty acid binding protein 2, intestinal	0.00028	-4.66
94	Hs.97220	CHAD	Chondroadherin	0.00005	-4.65
95	Hs.183617	CLDN23	Claudin 23	0.03389	-4.64
96	Hs.1376	HSD11B2	Hydroxysteroid (11-beta) dehydrogenase 2	0.00003	-4.62
97	Hs.158530	RAPGEFL1	Rap guanine nucleotide exchange factor (GEF)-like 1	0.00003	-4.62
98	Hs.435168	GPR133	G protein-coupled receptor 133	0.00187	-4.56
99	Hs.370503	FYB	FYN binding protein (FYB-120/130)	0.00100	-4.55
100	Hs.1355	CTSE	Cathepsin E	0.00003	-4.52
101	Hs.397255	SIGLEC6	Sialic acid binding Ig-like lectin 6	0.00008	-4.50
102	Hs.282975	CES2	Carboxylesterase 2 (intestine, liver)	0.00003	-4.50
103	Hs.550526	SEMA4G	Sema domain, immunoglobulin domain (Ig), transmembrane domain (TI	0.00005	-4.50
104	Hs.434980	APP	Amyloid beta (A4) precursor protein (protease nexin-II, Alzheimer disea	0.00005	-4.49
105	Hs.12723	CNTN3	Contactin 3 (plasmacytoma associated)	0.01529	-4.47
106	Hs.131459	CYP4F12	Cytochrome P450, family 4, subfamily F, polypeptide 12	0.00005	-4.45
107	Hs.250	XDH	Xanthine dehydrogenase	0.00011	-4.44

108	Hs.400556	BCAS1	Breast carcinoma amplified sequence 1	0.00012	-4.36
109	Hs.282931	SLC17A4	Solute carrier family 17 (sodium phosphate), member 4	0.00003	-4.33
110	Hs.232165	PRV1	Polycythemia rubra vera 1	0.00006	-4.31
111	Hs.513870	ATP2A3	ATPase, Ca++ transporting, ubiquitous	0.00003	-4.29
112	Hs.195058	KIAA0828	Cell division cycle 26	0.00007	-4.28
113	Hs.387057	FLJ13710	Hypothetical protein FLJ13710	0.00043	-4.28
114	Hs.486483	AKAP7	A kinase (PRKA) anchor protein 7	0.00003	-4.28
115	Hs.112242	NMES1	Normal mucosa of esophagus specific 1	0.00043	-4.22
116	Hs.58351	ABCA8	ATP-binding cassette, sub-family A (ABC1), member 8	0.00022	-4.21
117	Hs.507162	FLJ12750	Hypothetical protein FLJ12750	0.00003	-4.20
118	Hs.236646	HOXD9	Homeo box D9	0.02991	-4.19
119	Hs.528673	MTMR9	Myotubularin related protein 9	0.00081	-4.16
120	Hs.439309	TMPRSS2	Transmembrane protease, serine 2	0.00004	-4.13
121	Hs.516994	TP53INP2	Tumor protein p53 inducible nuclear protein 2	0.00004	-4.12
122	Hs.79881		CDNA: FLJ23006 fis, clone LNG00414	0.00003	-4.10
123	Hs.494691	PFN1	Profilin 1	0.00004	-4.07
124	Hs.462859	MGC4172	Short-chain dehydrogenase/reductase	0.00004	-4.04
125	Hs.549046		Data not found	0.00115	-3.94
126	Hs.334873	CPM	Carboxypeptidase M	0.00005	-3.92
127	Hs.397978	ABHD3	Abhydrolase domain containing 3	0.00004	-3.90
128	Hs.213394	EPB41L3	Erythrocyte membrane protein band 4.1-like 3	0.00256	-3.90
129	Hs.401013	IRF4	Interferon regulatory factor 4	0.00003	-3.90
130	Hs.105460	DKFZP564(	DKFZP564O0823 protein	0.00017	-3.89
131	Hs.270499		Data not found	0.00529	-3.88
132	Hs.288568	MOGAT2	Monoacylglycerol O-acyltransferase 2	0.00004	-3.86
133	Hs.434481	LTK	Leukocyte tyrosine kinase	0.00005	-3.83
134	Hs.33446	NR5A2	Nuclear receptor subfamily 5, group A, member 2	0.00005	-3.83
135	Hs.183109	MAOA	Monoamine oxidase A	0.00043	-3.81
136	Hs.84905	KRT20	Keratin 20	0.00009	-3.81
137	Hs.460758		Full length insert cDNA clone YB66G01	0.00041	-3.80
138	Hs.60162	LOC91464	RAX-like homeobox	0.00053	-3.79
139	Hs.5394	MYO1A	Myosin IA	0.00004	-3.79
140	Hs.518270	SLCO2A1	Solute carrier organic anion transporter family, member 2A1	0.00003	-3.79
141	Hs.514167	KRT19	Keratin 19	0.00008	-3.78
142	Hs.466910	CDA	Cytidine deaminase	0.00057	-3.77
143	Hs.200821	TM4SF11	Plasma membrane proteolipid (plasmolipin)	0.00003	-3.76
144	Hs.525872		Similar to immunoglobulin M chain	0.00100	-3.75
145	Hs.415790	CRYBA2	Crystallin, beta A2	0.00011	-3.71
146	Hs.157818	KCNAB1	Potassium voltage-gated channel, shaker-related subfamily, beta memb	0.00285	-3.70
147	Hs.17109	ITM2A	Integral membrane protein 2A	0.00025	-3.68
148	Hs.271819	MUC17	Mucin 17	0.00107	-3.67
149	Hs.334841	SELENBP1	Selenium binding protein 1	0.00021	-3.67
150	Hs.535668	IGLV6-57	Immunoglobulin lambda variable 6-57	0.00226	-3.66
151	Hs.495420	ABO	ABO blood group (transferase A, alpha 1-3-N-acetylgalactosaminyltrans	0.00027	-3.65
152	Hs.481478	SLC6A19	Solute carrier family 6 (neutral amino acid transporter), member 19	0.00006	-3.59
153	Hs.438040	MS4A1	Membrane-spanning 4-domains, subfamily A, member 1	0.00011	-3.59
154	Hs.167115	KIAA0830	KIAA0830 protein	0.00005	-3.59
155	Hs.103665	VILL	Villin-like	0.00003	-3.58
156	Hs.2465	P2RY14	Purinergic receptor P2Y, G-protein coupled, 14	0.00008	-3.58
157	Hs.391561	FABP4	Fatty acid binding protein 4, adipocyte	0.00043	-3.57
158	Hs.492618	EXT1	Exostoses (multiple) 1	0.00058	-3.54
159	Hs.386791	PDE3A	Phosphodiesterase 3A, cGMP-inhibited	0.00010	-3.53
160	Hs.5333	KIAA0711	KIAA0711 gene product	0.00003	-3.51
161	Hs.41735	P2RX1	Purinergic receptor P2X, ligand-gated ion channel, 1	0.00005	-3.51
162	Hs.10056	CSE-C	Cytosolic sialic acid 9-O-acetylesterase homolog	0.00003	-3.50

163	Hs.441664	TM4SF2	Tetraspanin 7	0.00004	-3.50
164	Hs.537333		Clone BY-4LC IgM light chain variable region	0.00111	-3.50
165	Hs.535415		Similar to IGHV gene product	0.00122	-3.49
166	Hs.148819	SNTG2	Syntrophin, gamma 2	0.00006	-3.48
167	Hs.527883	LOC160313	Keratin 19 pseudogene	0.00003	-3.48
168	Hs.156471	TFCP2L1	Transcription factor CP2-like 1	0.00006	-3.47
169	Hs.47099	GALNT12	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosamir	0.00005	-3.47
170	Hs.550481	MYO5B	Myosin VB	0.00003	-3.45
171	Hs.448976		Ig mu-chain mRNA VDJ4-region, 5' end, from heterohybridoma K6H6	0.00467	-3.44
172	Hs.89570	AMPD1	Adenosine monophosphate deaminase 1 (isoform M)	0.00005	-3.43
173	Hs.185677	NEDD4L	Neural precursor cell expressed, developmentally down-regulated 4-like	0.00003	-3.43
174	Hs.538211		CDNA: FLJ22631 fis, clone HSI06451	0.00007	-3.42
175	Hs.517168	TAGLN2	Transgelin 2	0.00268	-3.42
176	Hs.179770	PTPRH	Protein tyrosine phosphatase, receptor type, H	0.00005	-3.42
177	Hs.440168	DSCR1L1	Down syndrome critical region gene 1-like 1	0.00029	-3.41
178	Hs.505516	KIAA1463	KIAA1463 protein	0.00038	-3.41
179	Hs.21639	APEG1	Aortic preferentially expressed gene 1	0.00005	-3.41
180	Hs.301989	STAB1	Stabilin 1	0.00006	-3.41
181	Hs.80691	CKMT2	Creatine kinase, mitochondrial 2 (sarcomeric)	0.00558	-3.37
182	Hs.179704	MEP1A	Meprin A, alpha (PABA peptide hydrolase)	0.00558	-3.36
183	Hs.546392	PLAC8	Placenta-specific 8	0.00003	-3.35
184	Hs.165619	MUCDHL	Mucin and cadherin-like	0.00007	-3.35
185	Hs.8859	CANT1	Calcium activated nucleotidase 1	0.00815	-3.35
186	Hs.375721		CDNA: FLJ21540 fis, clone COL06156	0.00218	-3.34
187	Hs.260041	CAS1	O-acetyltransferase	0.00003	-3.33
188	Hs.449585	IGLC2	Immunoglobulin lambda joining 3	0.00383	-3.33
189	Hs.474711	RASD2	RASD family, member 2	0.00011	-3.33
190	Hs.485724		CDNA FLJ14148 fis, clone MAMMA1002987	0.00182	-3.33
191	Hs.369520	SYTL2	Synaptotagmin-like 2	0.00005	-3.32
192	Hs.524014	SLC35F2	Solute carrier family 35, member F2	0.00012	-3.31
193	Hs.524491	PAPSS2	3'-phosphoadenosine 5'-phosphosulfate synthase 2	0.00003	-3.31
194	Hs.1872	PCK1	Phosphoenolpyruvate carboxykinase 1 (soluble)	0.00036	-3.30
195	Hs.370392	MYO1E	Myosin IE	0.00005	-3.29
196	Hs.8364	PDK4	Pyruvate dehydrogenase kinase, isoenzyme 4	0.00005	-3.29
197	Hs.479930		Data not found	0.00005	-3.28
198	Hs.232543	PDCD4	Programmed cell death 4 (neoplastic transformation inhibitor)	0.00005	-3.27
199	Hs.467101	TRPM4	Transient receptor potential cation channel, subfamily M, member 4	0.00005	-3.25
200	Hs.7486	ETHE1	Ethylmalonic encephalopathy 1	0.00005	-3.25
201	Hs.50002	CCL19	Chemokine (C-C motif) ligand 19	0.00137	-3.25
202	Hs.480615	SYNPO2	Synaptopodin 2	0.00111	-3.24
203	Hs.463421	ABCC3	ATP-binding cassette, sub-family C (CFTR/MRP), member 3	0.00003	-3.24
204	Hs.549280		Data not found	0.00017	-3.23
205	Hs.440401	RetSat	All-trans-13,14-dihydroretinol saturase	0.00004	-3.23
206	Hs.845	IL13	Interleukin 13	0.00182	-3.23
207	Hs.306831	PTGDR	Prostaglandin D2 receptor (DP)	0.00110	-3.21
208	Hs.478000	MBNL1	Muscleblind-like (Drosophila)	0.00005	-3.19
209	Hs.428214	MAML2	Mastermind-like 2 (Drosophila)	0.00003	-3.19
210	Hs.525419	EPLIN	Epithelial protein lost in neoplasm beta	0.00007	-3.18
211	Hs.270291	ACTN4	Actinin, alpha 4	0.00003	-3.17
212	Hs.517326	DNMT3L	DNA (cytosine-5-)-methyltransferase 3-like	0.00053	-3.17
213	Hs.437043	KIAA0540	Neurobeachin-like 2	0.00011	-3.16
214	Hs.481704	FLJ20152	Hypothetical protein FLJ20152	0.00150	-3.16
215	Hs.506074		MRNA; cDNA DKFZp434H068 (from clone DKFZp434H068)	0.00006	-3.15
216	Hs.320147	C4orf7	Chromosome 4 open reading frame 7	0.00153	-3.15
217	Hs.498494	PCSK6	Proprotein convertase subtilisin/kexin type 6	0.00603	-3.15

218	Hs.279611	DMBT1	Deleted in malignant brain tumors 1	0.02956	-3.14
219	Hs.437229	GPA33	Glycoprotein A33 (transmembrane)	0.00011	-3.14
220	Hs.300076	SLC22A1L	Solute carrier family 22 (organic cation transporter), member 1-like antis	0.00004	-3.14
221	Hs.553434		MRNA fragment	0.00927	-3.14
222	Hs.156967	SEMA6A	Sema domain, transmembrane domain (TM), and cytoplasmic domain,	0.00006	-3.13
223	Hs.433732	CLK1	CDC-like kinase 1	0.00268	-3.13
224	Hs.472492	PLAC4	Placenta-specific 4	0.00022	-3.13
225	Hs.16291	AMICA1	Adhesion molecule, interacts with CXADR antigen 1	0.00053	-3.12
226	Hs.335513	F13A1	Coagulation factor XIII, A1 polypeptide	0.00036	-3.12
227	Hs.504251	SIAT4C	ST3 beta-galactoside alpha-2,3-sialyltransferase 4	0.00007	-3.11
228	Hs.255230	GUSB	Glucuronidase, beta	0.00324	-3.11
229	Hs.166975	SFRS5	Splicing factor, arginine/serine-rich 5	0.00003	-3.11
230	Hs.155729	ETFDH	Electron-transferring-flavoprotein dehydrogenase	0.00004	-3.10
231	Hs.284157	PLEKHH1	Pleckstrin homology domain containing, family H (with MyTH4 domain)	0.00003	-3.10
232	Hs.175473	AK1	Adenylate kinase 1	0.00009	-3.09
233	Hs.114286	CD9	CD9 antigen (p24)	0.00006	-3.09
234	Hs.132340	C6orf85	Chromosome 6 open reading frame 85	0.00003	-3.08
235	Hs.440961	CAST	Calpastatin	0.00003	-3.06
236	Hs.97432	PRKCE	Protein kinase C, epsilon	0.00005	-3.06
237	Hs.131489	PARD3	Par-3 partitioning defective 3 homolog (C. elegans)	0.00003	-3.05
238	Hs.446102	KIAA0826	KIAA0826	0.00005	-3.04
239	Hs.504062	PHLDB1	Pleckstrin homology-like domain, family B, member 1	0.00034	-3.04
240	Hs.497589	PIGR	Polymeric immunoglobulin receptor	0.00005	-3.04
241	Hs.268774	SIPA1L2	Signal-induced proliferation-associated 1 like 2	0.00003	-3.04
242	Hs.296648	BMP5	Bone morphogenetic protein 5	0.00036	-3.04
243	Hs.97270	FAM13A1	Family with sequence similarity 13, member A1	0.00006	-3.03
244	Hs.262811	KIAA1324	KIAA1324	0.00066	-3.03
245	Hs.130774	FBXO10	Chromosome 9 open reading frame 105	0.00005	-3.02
246	Hs.546266		Data not found	0.00016	-3.02
247	Hs.446354	TCEA3	Transcription elongation factor A (SII), 3	0.00014	-3.01
248	Hs.185674	ZNF331	Zinc finger protein 331	0.00011	-3.01
249	Hs.2722	ITPKA	Inositol 1,4,5-trisphosphate 3-kinase A	0.00006	-3.00
250	Hs.142	SULT1A1	Sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1	0.00005	-3.00
251	Hs.288771	DKFZP586	DKFZP586A0522 protein	0.00004	-2.99
252	Hs.523718	SFN	Stratifin	0.00008	-2.98
253	Hs.120949	CD36	CD36 antigen (collagen type I receptor, thrombospondin receptor)	0.00043	-2.98
254	Hs.504765	ETV6	Ets variant gene 6 (TEL oncogene)	0.00005	-2.96
255	Hs.13768	CACNA2D4	Calcium channel, voltage-dependent, alpha 2/delta subunit 4	0.00105	-2.95
256	Hs.128453	FRZB	Frizzled-related protein	0.00057	-2.95
257	Hs.137459	ShrmL	Shroom	0.00006	-2.95
258	Hs.269027	GALNT5	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosamir	0.00005	-2.94
259	Hs.521651	STMN2	Stathmin-like 2	0.00005	-2.94
260	Hs.75619	HYAL1	Hyaluronoglucosaminidase 1	0.00005	-2.93
261	Hs.549177		Data not found	0.00003	-2.93
262	Hs.80776	PLCD1	Phospholipase C, delta 1	0.00008	-2.92
263	Hs.208358	C21orf63	Chromosome 21 open reading frame 63	0.00003	-2.91
264	Hs.306777	GSDML	Gasdermin-like	0.00008	-2.91
265	Hs.77348	HPGD	Hydroxyprostaglandin dehydrogenase 15-(NAD)	0.00122	-2.90
266	Hs.170053	GPR88	G-protein coupled receptor 88	0.01670	-2.90
267	Hs.2551	ADRB2	Adrenergic, beta-2-, receptor, surface	0.00003	-2.89
268	Hs.189641	SEC24D	SEC24 related gene family, member D (S. cerevisiae)	0.00014	-2.89
269	Hs.80552	DPT	Dermatopontin	0.00045	-2.88
270	Hs.549045		Data not found	0.01124	-2.88
271	Hs.120	PRDX6	Peroxiredoxin 6	0.00005	-2.87
272	Hs.370858	FUCA1	Fucosidase, alpha-L- 1, tissue	0.00003	-2.86

273	Hs.512682	CEACAM1	Carcinoembryonic antigen-related cell adhesion molecule 1 (biliary glyc	0.00030	-2.86
274	Hs.20136	CXorf6	Chromosome X open reading frame 6	0.00007	-2.86
275	Hs.533721	KIAA0284	KIAA0284	0.00014	-2.85
276	Hs.232604		Hypothetical gene supported by AK026328	0.00051	-2.84
277	Hs.488293	EGFR	Epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b)	0.00004	-2.83
278	Hs.25956	SOSTDC1	Sclerostin domain containing 1	0.00643	-2.83
279	Hs.21379	C9orf45	Chromosome 9 open reading frame 45	0.00011	-2.83
280	Hs.442592		Data not found	0.00003	-2.83
281	Hs.374664	INHBC	Inhibin, beta C	0.01762	-2.82
282	Hs.646	CPA3	Carboxypeptidase A3 (mast cell)	0.01162	-2.82
283	Hs.117938	COL17A1	Collagen, type XVII, alpha 1	0.00194	-2.82
284	Hs.58831	TOSO	Fas apoptotic inhibitory molecule 3	0.00003	-2.81
285	Hs.395486	KIAA0125	Chromosome 14 open reading frame 110	0.00003	-2.80
286	Hs.479783	KIAA1211	KIAA1211 protein	0.00006	-2.80
287	Hs.485352	EPS8L3	EPS8-like 3	0.00005	-2.79
288	Hs.528713	KIFC2	Kinesin family member C2	0.00182	-2.79
289	Hs.53973	VIP	Vasoactive intestinal peptide	0.00313	-2.77
290	Hs.2719	WFDC2	WAP four-disulfide core domain 2	0.00150	-2.77
291	Hs.144913	FLJ23514	Hypothetical protein FLJ23514	0.00150	-2.76
292	Hs.445356	C9orf150	Chromosome 9 open reading frame 150	0.00056	-2.76
293	Hs.381312	OR2K2	Olfactory receptor, family 2, subfamily K, member 2	0.00464	-2.76
294	Hs.128071	LRRC19	Leucine rich repeat containing 19	0.00005	-2.75
295	Hs.437379	DDEFL1	Development and differentiation enhancing factor-like 1	0.00010	-2.75
296	Hs.249159	ADRA2A	Adrenergic, alpha-2A-, receptor	0.00003	-2.75
297	Hs.527656	KCNH1	Potassium voltage-gated channel, subfamily H (eag-related), member 1	0.00100	-2.75
298	Hs.499643	ACF	Apobec-1 complementation factor	0.00003	-2.74
299	Hs.72912	CYP1A1	Cytochrome P450, family 1, subfamily A, polypeptide 1	0.00006	-2.74
300	Hs.493096	PBX1	Pre-B-cell leukemia transcription factor 1	0.00017	-2.73
301	Hs.159306	ABR	Active BCR-related gene	0.00003	-2.73
302	Hs.72981	NEUROD1	Neurogenic differentiation 1	0.00004	-2.73
303	Hs.155912	CDH24	Cadherin-like 24	0.00028	-2.73
304	Hs.361463	F10	Coagulation factor X	0.00150	-2.73
305	Hs.170310	CECR1	Cat eye syndrome chromosome region, candidate 1	0.00034	-2.73
306	Hs.486596	NHSL1	NHS-like 1	0.00003	-2.73
307	Hs.127406		Transcribed locus	0.00120	-2.73
308	Hs.477891	CPB1	Carboxypeptidase B1 (tissue)	0.00013	-2.72
309	Hs.204044	TNFRSF11	Tumor necrosis factor receptor superfamily, member 11a, NFKB activat	0.00003	-2.72
310	Hs.465316	RNF152	Ring finger protein 152	0.00005	-2.71
311	Hs.277035	MGLL	Monoglyceride lipase	0.00003	-2.70
312	Hs.549114		Data not found	0.00022	-2.70
313	Hs.523875	INPPL1	Inositol polyphosphate phosphatase-like 1	0.00111	-2.69
314	Hs.474783	TST	Thiosulfate sulfurtransferase (rhodanese)	0.00017	-2.68
315	Hs.525401	ADCY6	Adenylate cyclase 6	0.00005	-2.68
316	Hs.212088	EPHX2	Epoxide hydrolase 2, cytoplasmic	0.00057	-2.68
317	Hs.288998	S100A14	S100 calcium binding protein A14	0.00008	-2.67
318	Hs.502116	NAV2	Neuron navigator 2	0.00028	-2.67
319	Hs.56027		MRNA; cDNA DKFZp586J1717 (from clone DKFZp586J1717)	0.00558	-2.66
320	Hs.12409	SST	Somatostatin	0.00007	-2.66
321	Hs.247694	OR10H2	Olfactory receptor, family 10, subfamily H, member 2	0.00017	-2.66
322	Hs.458968		Hypothetical gene supported by AK022116	0.00005	-2.66
323	Hs.135626	CMA1	Chymase 1, mast cell	0.00093	-2.66
324	Hs.549989		CDNA FLJ12191 fis, clone MAMMA1000843	0.00003	-2.66
325	Hs.501080	TCF7L2	Transcription factor 7-like 2 (T-cell specific, HMG-box)	0.00073	-2.65
326	Hs.383564	KIAA0574	KIAA0574 protein	0.00014	-2.65
327	Hs.227777	PTP4A1	Protein tyrosine phosphatase type IVA, member 1	0.00009	-2.65

328	Hs.516217	UGP2	UDP-glucose pyrophosphorylase 2	0.00150	-2.65
329	Hs.487325	PRKACB	Protein kinase, cAMP-dependent, catalytic, beta	0.00029	-2.65
330	Hs.225949	BTNL3	Butyrophilin-like 3	0.00324	-2.65
331	Hs.187354	NR2E3	Nuclear receptor subfamily 2, group E, member 3	0.00098	-2.65
332	Hs.79276	KIAA0232	KIAA0232 gene product	0.00005	-2.63
333	Hs.483816	PPARGC1E	Peroxisome proliferative activated receptor, gamma, coactivator 1, beta	0.00022	-2.63
334	Hs.431498	FOXP1	Forkhead box P1	0.00003	-2.63
335	Hs.471234	FLJ40432	Hypothetical protein FLJ40432	0.00029	-2.63
336	Hs.325650	EHD2	EH-domain containing 2	0.00003	-2.62
337	Hs.435052	ATP8A1	ATPase, aminophospholipid transporter (APLT), Class I, type 8A, memb	0.00036	-2.62
338	Hs.528723	KIAA0478	Zinc finger and BTB domain containing 40	0.00009	-2.61
339	Hs.3797	RAB26	RAB26, member RAS oncogene family	0.00320	-2.60
340	Hs.25348	VAMP2	Vesicle-associated membrane protein 2 (synaptobrevin 2)	0.00007	-2.59
341	Hs.492859	UAP1	UDP-N-acteylglucosamine pyrophosphorylase 1	0.00053	-2.59
342	Hs.300827		CDNA FLJ13301 fis, clone OVARC1001344	0.00036	-2.59
343	Hs.9216	CASP7	Caspase 7, apoptosis-related cysteine protease	0.00043	-2.59
344	Hs.28309	UGDH	UDP-glucose dehydrogenase	0.00005	-2.59
345	Hs.137556	PCDH21	Protocadherin 21	0.00004	-2.58
346	Hs.429819	PITPNA	Phosphatidylinositol transfer protein, alpha	0.02092	-2.58
347	Hs.532655	EFNA2	Ephrin-A2	0.00150	-2.58
348	Hs.7917	HIG1	Likely ortholog of mouse hypoxia induced gene 1	0.00003	-2.58
349	Hs.12250		Protein kinase, X-linked, pseudogene 1	0.00004	-2.58
350	Hs.533977	TXNIP	Thioredoxin interacting protein	0.00322	-2.58
351	Hs.474822	FLJ22582	BAI1-associated protein 2-like 2	0.00003	-2.58
352	Hs.376041	LOC28307(	Hypothetical protein LOC283070	0.00022	-2.58
353	Hs.298658	KLF3	Kruppel-like factor 3 (basic)	0.00007	-2.57
354	Hs.368359	WDFY1	WD repeat and FYVE domain containing 1	0.00007	-2.57
355	Hs.194679	WISP2	WNT1 inducible signaling pathway protein 2	0.00017	-2.57
356	Hs.18889	SEC31L2	SEC31-like 2 (S. cerevisiae)	0.00004	-2.56
357	Hs.521296	ABP1	Amiloride binding protein 1 (amine oxidase (copper-containing))	0.00008	-2.56
358	Hs.444403	PPP1R12B	Protein phosphatase 1, regulatory (inhibitor) subunit 12B	0.00108	-2.56
359	Hs.428446	CA11	Carbonic anhydrase XI	0.00005	-2.55
360	Hs.37135	CRYBB1	Crystallin, beta B1	0.00053	-2.55
361	Hs.112621	GRM3	Glutamate receptor, metabotropic 3	0.00045	-2.55
362	Hs.548717		Cell-type T-cell immunoglobulin gamma chain, V region (IGHV@)	0.00221	-2.55
363	Hs.368626	RTN1	Reticulon 1	0.04720	-2.55
364	Hs.386793	GPX3	Glutathione peroxidase 3 (plasma)	0.00003	-2.55
365	Hs.445857	PRSS12	Protease, serine, 12 (neurotrypsin, motopsin)	0.02092	-2.54
366	Hs.446240	PRKCBP1	Protein kinase C binding protein 1	0.00389	-2.54
367	Hs.476319	ECHDC2	Enoyl Coenzyme A hydratase domain containing 2	0.00006	-2.53
368	Hs.157259	SIPA1L3	Signal-induced proliferation-associated 1 like 3	0.00011	-2.53
369	Hs.546296	SECTM1	Secreted and transmembrane 1	0.00268	-2.53
370	Hs.221504		Full length insert cDNA clone ZC64A06	0.00011	-2.52
371	Hs.2	NAT2	N-acetyltransferase 2 (arylamine N-acetyltransferase)	0.00122	-2.52
372	Hs.525572	BDKRB2	Bradykinin receptor B2	0.00122	-2.51
373	Hs.133539	MAST4	Microtubule associated serine/threonine kinase family member 4	0.00072	-2.51
374	Hs.5920	GNE	Glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinas	0.00007	-2.50
375	Hs.538676		CDNA: FLJ21484 fis, clone COL05256	0.00005	-2.50
376	Hs.279861	TMX2	Thioredoxin-related transmembrane protein 2	0.00003	-2.50
377	Hs.233343		Full length insert cDNA clone YW26C09	0.01614	-2.50
378	Hs.547596			0.00558	-2.49
379	Hs.552573		Data not found	0.00014	-2.49
380	Hs.466766	LTBP4	Latent transforming growth factor beta binding protein 4	0.00098	-2.49
381	Hs.520187	LEFTY2	Left-right determination factor 2	0.00324	-2.49
382	Hs.485616	DST	Dystonin	0.00028	-2.49

383	Hs.171995	KLK3	Kallikrein 3, (prostate specific antigen)	0.00089	-2.49
384	Hs.475629	TBC1D5	TBC1 domain family, member 5	0.00005	-2.49
385	Hs.163924	NR3C2	Nuclear receptor subfamily 3, group C, member 2	0.00003	-2.48
386	Hs.501928	MICAL2	Microtubule associated monoxygenase, calponin and LIM domain conta	0.00009	-2.48
387	Hs.443572	SLC22A5	Solute carrier family 22 (organic cation transporter), member 5	0.00045	-2.48
388	Hs.466729	LOC255104	Hypothetical protein LOC255104	0.00269	-2.48
389	Hs.159264		Clone 23948 mRNA sequence	0.00003	-2.48
390	Hs.517761	LBA1	Lupus brain antigen 1	0.00011	-2.48
391	Hs.547508		Full length insert cDNA clone YI40A07	0.00008	-2.47
392	Hs.799	HBEGF	Heparin-binding EGF-like growth factor	0.01531	-2.47
393	Hs.534348	SLC5A3	Solute carrier family 5 (inositol transporters), member 3	0.00005	-2.47
394	Hs.58756	PER2	Period homolog 2 (Drosophila)	0.00008	-2.46
395	Hs.66731	HOXB13	Homeo box B13	0.00005	-2.46
396	Hs.144496	GMDS	GDP-mannose 4,6-dehydratase	0.00036	-2.46
397	Hs.514728	EPN2	Epsin 2	0.00014	-2.46
398	Hs.549158	PLCE1	Phospholipase C, epsilon 1	0.00007	-2.45
399	Hs.259412	NPD014	Chromosome 1 open reading frame 63	0.00005	-2.45
400	Hs.437153	MONDOA	Mlx interactor	0.00011	-2.44
401	Hs.132441	MARCH-III	Membrane-associated ring finger (C3HC4) 3	0.00081	-2.44
402	Hs.149957	RPS6KA1	Ribosomal protein S6 kinase, 90kDa, polypeptide 1	0.00003	-2.43
403	Hs.386467	ICAM4	Intercellular adhesion molecule 4, Landsteiner-Wiener blood group	0.00006	-2.43
404	Hs.18376	CGN	Cingulin	0.00017	-2.43
405	Hs.15154	SRPX	Sushi-repeat-containing protein, X-linked	0.00010	-2.43
406	Hs.194333	E2F2	E2F transcription factor 2	0.00028	-2.43
407	Hs.292493	G22P1	X-ray repair complementing defective repair in Chinese hamster cells 6	0.00246	-2.43
408	Hs.10784	FAM46A	Family with sequence similarity 46, member A	0.00007	-2.42
409	Hs.532207		CDNA: FLJ21707 fis, clone COL09953	0.00007	-2.42
410	Hs.474119		Similar to Ig kappa chain	0.01793	-2.42
411	Hs.515974		Data not found	0.00017	-2.42
412	Hs.469376	RW1	RW1 protein	0.00003	-2.41
413	Hs.370359	NFIB	Nuclear factor I/B	0.00009	-2.41
414	Hs.511686	TLN2	Talin 2	0.00004	-2.41
415	Hs.369385	DHDDS	Dehydrodolichyl diphosphate synthase	0.00003	-2.41
416	Hs.169824	KLRB1	Killer cell lectin-like receptor subfamily B, member 1	0.00053	-2.41
417	Hs.244139	FAS	Fas (TNF receptor superfamily, member 6)	0.00009	-2.41
418	Hs.21388	ZDHHC21	Zinc finger, DHHC-type containing 21	0.00005	-2.40
419	Hs.289015	MGC4171	Glycerophosphodiester phosphodiesterase domain containing 3	0.00005	-2.40
420	Hs.507076	ACADS	Acyl-Coenzyme A dehydrogenase, C-2 to C-3 short chain	0.00007	-2.39
421	Hs.2689	PRKG1	Protein kinase, cGMP-dependent, type I	0.00088	-2.39
422	Hs.468972	ARID1A	AT rich interactive domain 1A (SWI- like)	0.00021	-2.39
423	Hs.118003	C9orf61	Chromosome 9 open reading frame 61	0.00008	-2.39
424	Hs.466184	MAST3	Microtubule associated serine/threonine kinase 3	0.00003	-2.38
425	Hs.535413		IgG heavy chain variable region (Vh26)	0.00100	-2.38
426	Hs.525205	NDRG2	NDRG family member 2	0.00004	-2.38
427	Hs.533903	SLC30A7	Solute carrier family 30 (zinc transporter), member 7	0.00005	-2.38
428	Hs.164384	PKP2	Plakophilin 2	0.00022	-2.38
429	Hs.425144	CRA	Myotubularin related protein 11	0.00011	-2.37
430	Hs.526596	LOC257407	Hypothetical protein LOC257407	0.00003	-2.37
431	Hs.551870		CDNA FLJ14094 fis, clone MAMMA1000372	0.00003	-2.37
432	Hs.414300	NEU4	Sialidase 4	0.00008	-2.37
433	Hs.128433	PGDS	Prostaglandin D2 synthase, hematopoietic	0.02277	-2.37
434	Hs.184482	ARH	Low density lipoprotein receptor adaptor protein 1	0.00011	-2.36
435	Hs.479766	TPARL	TPA regulated locus	0.00011	-2.36
436	Hs.185055	BENE	BENE protein	0.00005	-2.36
437	Hs.144496	GMDS	GDP-mannose 4,6-dehydratase	0.00120	-2.36

438	Hs.497626	PLXNA2	Plexin A2	0.00075	-2.35
439	Hs.784	EBI2	Epstein-Barr virus induced gene 2 (lymphocyte-specific G protein-coupl	0.03429	-2.35
440	Hs.32966	GUCA2B	Guanylate cyclase activator 2B (uroguanylin)	0.00100	-2.35
441	Hs.292524	CCNH	Cyclin H	0.00011	-2.35
442	Hs.187946	SLC20A1	Solute carrier family 20 (phosphate transporter), member 1	0.00382	-2.34
443	Hs.510191	KCNK13	Potassium channel, subfamily K, member 13	0.00036	-2.33
444	Hs.221660	BVES	Blood vessel epicardial substance	0.00053	-2.33
445	Hs.229988	PGAP1	GPI deacylase	0.00066	-2.33
446	Hs.89584	INSM1	Insulinoma-associated 1	0.00022	-2.33
447	Hs.485104	TNXB	Tenascin XB	0.00005	-2.33
448	Hs.187866	SDFR1	Stromal cell derived factor receptor 1	0.00004	-2.33
449	Hs.208544	KCNK1	Potassium channel, subfamily K, member 1	0.00029	-2.32
450	Hs.515840	DNMT3A	DNA (cytosine-5-)-methyltransferase 3 alpha	0.00043	-2.32
451	Hs.286221	ARF1	ADP-ribosylation factor 1	0.00003	-2.32
452	Hs.73853	BMP2	Bone morphogenetic protein 2	0.00009	-2.32
453	Hs.301350	FXYD3	FXYD domain containing ion transport regulator 3	0.00022	-2.32
454	Hs.2407	POU2AF1	POU domain, class 2, associating factor 1	0.00005	-2.32
455	Hs.171695	DUSP1	Dual specificity phosphatase 1	0.00533	-2.31
456	Hs.515056	GNA11	Guanine nucleotide binding protein (G protein), alpha 11 (Gq class)	0.00007	-2.31
457	Hs.107527	FLJ11017	Hypothetical protein FLJ11017	0.00007	-2.31
458	Hs.478125	INADL	InaD-like (Drosophila)	0.00003	-2.31
459	Hs.437365	ASAHL	N-acylsphingosine amidohydrolase (acid ceramidase)-like	0.00066	-2.31
460	Hs.194816	STOML1	Stomatin (EPB72)-like 1	0.00011	-2.31
461	Hs.17519		CDNA FLJ41453 fis, clone BRSTN2011211	0.00003	-2.31
462	Hs.540949		Data not found	0.00066	-2.31
463	Hs.474935	SEMA4B	Sema domain, immunoglobulin domain (Ig), transmembrane domain (TI	0.00017	-2.31
464	Hs.522074	DSIPI	TSC22 domain family, member 3	0.00467	-2.31
465	Hs.435369	FHL1	Four and a half LIM domains 1	0.00007	-2.31
466	Hs.105352	SIAT7A	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalact	0.00081	-2.31
467	Hs.109358	ATP10B	ATPase, Class V, type 10B	0.00150	-2.30
468	Hs.409523	LAG3	Lymphocyte-activation gene 3	0.00005	-2.30
469	Hs.6385	KIAA1277	KIAA1277	0.00005	-2.30
470	Hs.494895	AKNA	AT-hook transcription factor	0.00003	-2.30
471	Hs.500067	PPP3CB	Protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform (cal	0.00091	-2.30
472	Hs.142570		Clone 24629 mRNA sequence	0.00057	-2.30
473	Hs.534538	HSPB6	Heat shock protein, alpha-crystallin-related, B6	0.00071	-2.30
474	Hs.356216	FAM46C	Family with sequence similarity 46, member C	0.00034	-2.30
475	Hs.304362	PHF20L1	PHD finger protein 20-like 1	0.00017	-2.30
476	Hs.498173	SMPD1	Sphingomyelin phosphodiesterase 1, acid lysosomal (acid sphingomyel	0.00009	-2.30
477	Hs.52526	KIAA0669	TSC22 domain family, member 2	0.00003	-2.30
478	Hs.24610		CDNA FLJ10247 fis, clone HEMBB1000705	0.00043	-2.29
479	Hs.269004	SLC36A1	Solute carrier family 36 (proton/amino acid symporter), member 1	0.00034	-2.29
480	Hs.517782	TTLL3	Tubulin tyrosine ligase-like family, member 3	0.00022	-2.29
481	Hs.479703	FLJ21511	Hypothetical protein FLJ21511	0.00005	-2.29
482	Hs.176247	DPP10	Dipeptidylpeptidase 10	0.01162	-2.29
483	Hs.368563	ABCC5	ATP-binding cassette, sub-family C (CFTR/MRP), member 5	0.00017	-2.28
484	Hs.234763	NKX2-8	NK2 transcription factor related, locus 8 (Drosophila)	0.00022	-2.28
485	Hs.1869	PGM1	Phosphoglucomutase 1	0.00017	-2.28
486	Hs.462379	TOM1L2	Target of myb1-like 2 (chicken)	0.00005	-2.28
487	Hs.196484	FLJ22588	Chromosome 1 open reading frame 178	0.00089	-2.28
488	Hs.433419	COX4I1	Cytochrome c oxidase subunit IV isoform 1	0.00017	-2.28
489	Hs.42197		CDNA FLJ37826 fis, clone BRSSN2006133	0.00558	-2.27
490	Hs.78106	PDE8B	Phosphodiesterase 8B	0.00036	-2.27
491	Hs.6168	KIAA0703	KIAA0703 gene product	0.00003	-2.27
492	Hs.532632	ATXN3	Ataxin 3	0.00005	-2.27

493	Hs.510334	SERPINA5	Serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase	0.00100	-2.27
494	Hs.187199	MALAT1	Metastasis associated lung adenocarcinoma transcript 1 (non-coding RI	0.00464	-2.27
495	Hs.78061	TCF21	Transcription factor 21	0.00081	-2.26
496	Hs.5062	TM4SF8	Tetraspanin 3	0.00011	-2.26
497	Hs.446429	PTGDS	Prostaglandin D2 synthase 21kDa (brain)	0.00057	-2.26
498	Hs.233950	SPINT1	Serine protease inhibitor, Kunitz type 1	0.00007	-2.26
499	Hs.34871	ZFHX1B	Zinc finger homeobox 1b	0.00028	-2.26
500	Hs.130784	ATP10B	ATPase, Class V, type 10B	0.00017	-2.26
501	Hs.224012	JAG1	Jagged 1 (Alagille syndrome)	0.00028	-2.26
502	Hs.226016	C15orf5	Chromosome 15 open reading frame 5	0.00003	-2.26
503	Hs.1481	HDC	Histidine decarboxylase	0.00122	-2.25
504	Hs.1857	PDE6G	Phosphodiesterase 6G, cGMP-specific, rod, gamma	0.00022	-2.25
505	Hs.165803	FLJ20200	Hypothetical protein FLJ20200	0.00035	-2.25
506	Hs.435815	FAM48A	Family with sequence similarity 48, member A	0.00111	-2.25
507	Hs.406976	LOC28387	Hypothetical protein LOC283874	0.00003	-2.25
508	Hs.518727	FLJ20273	RNA-binding protein	0.00007	-2.25
509	Hs.447011		Hypothetical gene supported by AK125122	0.00150	-2.25
510	Hs.1420	FGFR3	Fibroblast growth factor receptor 3 (achondroplasia, thanatophoric dwar	0.00066	-2.25
511	Hs.248188	KRTHA8	Keratin, hair, acidic, 8	0.00034	-2.24
512	Hs.552628		Data not found	0.00043	-2.24
513	Hs.99626	LOC25627	Hypothetical protein LOC256273	0.00007	-2.24
514	Hs.243564	CD48	CD48 antigen (B-cell membrane protein)	0.00034	-2.24
515	Hs.528572	SCAM-1	Vinexin beta (SH3-containing adaptor molecule-1)	0.00003	-2.24
516	Hs.529509	NKTR	Natural killer-tumor recognition sequence	0.00003	-2.23
517	Hs.417948	TCN2	Transcobalamin II; macrocytic anemia	0.00007	-2.23
518	Hs.548173		MRNA; cDNA DKFZp686M03112 (from clone DKFZp686M03112)	0.00089	-2.23
519	Hs.2090	PTGER2	Prostaglandin E receptor 2 (subtype EP2), 53kDa	0.00061	-2.23
520	Hs.377087	ADPN	Adiponutrin	0.00003	-2.23
521	Hs.549269	FLJ30092	AF-1 specific protein phosphatase	0.00003	-2.23
522	Hs.440475	SDHA	Succinate dehydrogenase complex, subunit A, flavoprotein (Fp)	0.00003	-2.22
523	Hs.496487	ATF4	Activating transcription factor 4 (tax-responsive enhancer element B67)	0.00005	-2.22
524	Hs.549543		Data not found	0.00003	-2.22
525	Hs.474667	LARGE	Like-glycosyltransferase	0.00003	-2.22
526	Hs.194554	VTI1A	Vesicle transport through interaction with t-SNAREs homolog 1A (yeast	0.00008	-2.22
527	Hs.200333	APOB48R	Apolipoprotein B48 receptor	0.00004	-2.22
528	Hs.550540		Data not found	0.00004	-2.22
529	Hs.551722		Ig rearranged kappa-chain mRNA V-J1-region, hybridoma AE6-5, 5' enc	0.00389	-2.21
530	Hs.155919	PTPRK	Protein tyrosine phosphatase, receptor type, K	0.00004	-2.21
531	Hs.155538	GPR92	G protein-coupled receptor 92	0.00014	-2.21
532	Hs.18564	MGC40405	Zinc finger, SWIM-type containing 6	0.00004	-2.21
533	Hs.459311	DKFZp547K	Hypothetical protein DKFZp547K1113	0.00028	-2.21
534	Hs.375659		CDNA FLJ20158 fis, clone COL08935	0.00009	-2.21
535	Hs.25318	RAB27B	RAB27B, member RAS oncogene family	0.00182	-2.21
536	Hs.370410	TMCC3	Transmembrane and coiled-coil domain family 3	0.00005	-2.20
537	Hs.350899	CAPN2	Calpain 2, (m/II) large subunit	0.00014	-2.20
538	Hs.519294	FBN2	Fibrillin 2 (congenital contractural arachnodactyly)	0.00137	-2.20
539	Hs.549162	PRKAG2	Protein kinase, AMP-activated, gamma 2 non-catalytic subunit	0.03486	-2.20
540	Hs.231850	TUB	Tubby homolog (mouse)	0.00022	-2.20
541	Hs.159352	DKFZP434I	DKFZP434F122 protein	0.00009	-2.20
542	Hs.355214	KRT14	Keratin 14 (epidermolysis bullosa simplex, Dowling-Meara, Koebner)	0.00045	-2.20
543	Hs.367799	GRIK5	Glutamate receptor, ionotropic, kainate 5	0.00150	-2.20
544	Hs.368254	HGD	Homogentisate 1,2-dioxygenase (homogentisate oxidase)	0.00014	-2.20
545	Hs.506603	DIP13B	DIP13 beta	0.00242	-2.20
546	Hs.458275	NCF1	Neutrophil cytosolic factor 1 (47kDa, chronic granulomatous disease, au	0.00813	-2.19
547	Hs.517227	JAM2	Junctional adhesion molecule 2	0.00003	-2.19

548	Hs.408767	CRYAB	Crystallin, alpha B	0.00558	-2.19
549	Hs.24601	FBLN1	Fibulin 1	0.00677	-2.18
550	Hs.474596	LIMK2	LIM domain kinase 2	0.00007	-2.18
551	Hs.223603		MRNA; cDNA DKFZp761D09121 (from clone DKFZp761D09121)	0.00974	-2.18
552	Hs.369095	CA5B	Carbonic anhydrase VB, mitochondrial	0.00043	-2.18
553	Hs.117167	LOC283537	Hypothetical protein LOC283537	0.00028	-2.18
554	Hs.175043	CNNM4	Cyclin M4	0.00003	-2.17
555	Hs.370424	ZFX	Zinc finger protein, X-linked	0.00005	-2.17
556	Hs.248153	CAPN5	Calpain 5	0.00170	-2.17
557	Hs.115497	FLJ22655	Hypothetical protein FLJ22655	0.00007	-2.17
558	Hs.498661	USP6NL	USP6 N-terminal like	0.00022	-2.17
559	Hs.4205	PC-LKC	Protocadherin LKC	0.00014	-2.17
560	Hs.270428	SUCLG1	Succinate-CoA ligase, GDP-forming, alpha subunit	0.00003	-2.16
561	Hs.388565		CDNA FLJ12425 fis, clone MAMMA1003104	0.00137	-2.16
562	Hs.222505		CDNA FLJ11435 fis, clone HEMBA1001208	0.00003	-2.16
563	Hs.444767	KIF13B	Kinesin family member 13B	0.00138	-2.16
564	Hs.287663		CDNA: FLJ21428 fis, clone COL04203	0.00005	-2.16
565	Hs.15250	PECI	Peroxisomal D3,D2-enoyl-CoA isomerase	0.00004	-2.16
566	Hs.325528	DOCK2	Dedicator of cytokinesis 2	0.00081	-2.16
567	Hs.508514	STK24	Serine/threonine kinase 24 (STE20 homolog, yeast)	0.00007	-2.16
568	Hs.148340	RPL10A	Ribosomal protein L10a	0.00205	-2.16
569	Hs.419195	FLJ35954	Hypothetical protein FLJ35954	0.00014	-2.15
570	Hs.504035	IL10RA	Interleukin 10 receptor, alpha	0.00022	-2.15
571	Hs.444924	CDS1	CDP-diacylglycerol synthase (phosphatidate cytidylyltransferase) 1	0.00012	-2.15
572	Hs.88251	ARSA	Arylsulfatase A	0.00017	-2.15
573	Hs.489040	SRI	Sorcin	0.00007	-2.14
574	Hs.491322	PTK2B	PTK2B protein tyrosine kinase 2 beta	0.00005	-2.14
575	Hs.335817		Data not found	0.00053	-2.14
576	Hs.211463	DNM2	Dynamin 2	0.00003	-2.14
577	Hs.502176	LGR4	Leucine-rich repeat-containing G protein-coupled receptor 4	0.00163	-2.14
578	Hs.4055	KLF6	Kruppel-like factor 6	0.00022	-2.14
579	Hs.546277		Data not found	0.00077	-2.14
580	Hs.442180	CILP	Cartilage intermediate layer protein, nucleotide pyrophosphohydrolase	0.00016	-2.13
581	Hs.388739	XRCC5	X-ray repair complementing defective repair in Chinese hamster cells 5	0.00028	-2.13
582	Hs.33368	MCTP2	Multiple C2-domains with two transmembrane regions 2	0.00005	-2.12
583	Hs.192039	PTPRC	Protein tyrosine phosphatase, receptor type, C	0.00256	-2.12
584	Hs.511386	DMXL2	Dmx-like 2	0.00005	-2.12
585	Hs.106857	CALB2	Calbindin 2, 29kDa (calretinin)	0.00150	-2.12
586	Hs.82432	GPD1L	Glycerol-3-phosphate dehydrogenase 1-like	0.00003	-2.12
587	Hs.445244	FLJ10159	Hypothetical protein FLJ10159	0.00791	-2.12
588	Hs.462777	MYO1D	Myosin ID	0.00009	-2.12
589	Hs.445066	GRIN2B	Glutamate receptor, ionotropic, N-methyl D-aspartate 2B	0.00137	-2.12
590	Hs.492155	IGSF9	Immunoglobulin superfamily, member 9	0.00017	-2.12
591	Hs.203208		CDNA FLJ14081 fis, clone HEMBB1002280	0.00011	-2.12
592	Hs.518403	SMP3	SMP3 mannosyltransferase	0.00022	-2.11
593	Hs.496222	RALGPS2	Ral GEF with PH domain and SH3 binding motif 2	0.00003	-2.11
594	Hs.444049	BLNK	B-cell linker	0.00057	-2.11
595	Hs.285313		Data not found	0.00029	-2.11
596	Hs.552580	FARP2	FERM, RhoGEF and pleckstrin domain protein 2	0.00003	-2.11
597	Hs.269211	ZNF262	Zinc finger protein 262	0.00012	-2.11
598	Hs.406812		Data not found	0.00005	-2.11
599	Hs.177841	BHLHB3	Basic helix-loop-helix domain containing, class B, 3	0.00997	-2.11
600	Hs.444304	PFKFB1	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1	0.00115	-2.11
601	Hs.112341	PI3	Protease inhibitor 3, skin-derived (SKALP)	0.03767	-2.11
602	Hs.368421	SMPD3	Sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphing	0.00004	-2.11

603	Hs.544355		CDNA: FLJ22379 fis, clone HRC07436	0.03389	-2.10
604	Hs.468410	EPAS1	Endothelial PAS domain protein 1	0.00005	-2.10
605	Hs.191215	PSCD1	Pleckstrin homology, Sec7 and coiled-coil domains 1(cytohesin 1)	0.00003	-2.10
606	Hs.524278	GUCY2C	Guanylate cyclase 2C (heat stable enterotoxin receptor)	0.00089	-2.10
607	Hs.84	IL2RG	Interleukin 2 receptor, gamma (severe combined immunodeficiency)	0.00137	-2.10
608	Hs.462590	TIAF1	TGFB1-induced anti-apoptotic factor 1	0.00014	-2.10
609	Hs.178589	LOC63928	Hepatocellular carcinoma antigen gene 520	0.00004	-2.09
610	Hs.355281	DOC2A	Double C2-like domains, alpha	0.00036	-2.09
611	Hs.463041	RERE	Arginine-glutamic acid dipeptide (RE) repeats	0.00464	-2.09
612	Hs.153381	FY	Duffy blood group	0.00011	-2.09
613	Hs.274356	IQCC	IQ motif containing C	0.00028	-2.09
614	Hs.537145	OR5J2	Olfactory receptor, family 5, subfamily J, member 2	0.00045	-2.09
615	Hs.531087		CDNA: FLJ21268 fis, clone COL01718	0.00003	-2.08
616	Hs.166556	CD37	CD37 antigen	0.00014	-2.08
617	Hs.546664		Hypothetical LOC440675	0.00114	-2.08
618	Hs.523744	RFWD2	Ring finger and WD repeat domain 2	0.00044	-2.08
619	Hs.495731	BMX	BMX non-receptor tyrosine kinase	0.00044	-2.08
620	Hs.370487	B4GALT5	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 5	0.00008	-2.08
621	Hs.150324		CDNA FLJ16241 fis, clone HCASM2008536, weakly similar to DNA-RE	0.00081	-2.08
622	Hs.258580	P2RX2	Purinergic receptor P2X, ligand-gated ion channel, 2	0.01531	-2.08
623	Hs.241377	HTR3B	5-hydroxytryptamine (serotonin) receptor 3B	0.00009	-2.08
624	Hs.436298	EMP1	Epithelial membrane protein 1	0.00937	-2.08
625	Hs.435458	SETBP1	SET binding protein 1	0.00458	-2.08
626	Hs.198158	MAWBP	MAWD binding protein	0.00123	-2.08
627	Hs.288034	SLC39A8	Solute carrier family 39 (zinc transporter), member 8	0.00028	-2.07
628	Hs.501345	CTBP2	C-terminal binding protein 2	0.00003	-2.07
629	Hs.550492		Data not found	0.00003	-2.07
630	Hs.549082		Data not found	0.00016	-2.07
631	Hs.9333	PDE8A	Phosphodiesterase 8A	0.00040	-2.07
632	Hs.514463	AMY2A	Amylase, alpha 2A; pancreatic	0.00017	-2.07
633	Hs.512830	C19orf27	Similar to C19orf27 protein	0.01287	-2.07
634	Hs.289092	COTL1	Coactosin-like 1 (Dictyostelium)	0.00029	-2.07
635	Hs.298651	RAB27A	RAB27A, member RAS oncogene family	0.00014	-2.07
636	Hs.495541	FLJ20245	Hypothetical protein FLJ20245	0.00014	-2.06
637	Hs.446315	C10orf45	Chromosome 10 open reading frame 45	0.00382	-2.06
638	Hs.467142	MYH14	Myosin, heavy polypeptide 14	0.00467	-2.06
639	Hs.155591	FOXF1	Forkhead box F1	0.00561	-2.06
640	Hs.549051		Data not found	0.00017	-2.06
641	Hs.41502	C14orf139	Chromosome 14 open reading frame 139	0.00011	-2.06
642	Hs.514580	KIAA1447	KIAA1447 protein	0.00313	-2.06
643	Hs.17731	FLJ12892	Coiled-coil domain containing 14	0.00022	-2.05
644	Hs.520096	BRPF3	Bromodomain and PHD finger containing, 3	0.00011	-2.05
645	Hs.465087	SMAD7	SMAD, mothers against DPP homolog 7 (Drosophila)	0.00150	-2.05
646	Hs.528803	UQCRC2	Ubiquinol-cytochrome c reductase core protein II	0.00329	-2.05
647	Hs.525557	SERPINA1	Serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase	0.01911	-2.05
648	Hs.193491	TUBB6	Tubulin, beta 6	0.00005	-2.05
649	Hs.194783	SLC10A2	Solute carrier family 10 (sodium/bile acid cotransporter family), member	0.00232	-2.05
650	Hs.409352	FLJ20701	Hypothetical protein FLJ20701	0.00043	-2.05
651	Hs.303476	FMO5	Flavin containing monooxygenase 5	0.00053	-2.05
652	Hs.7946	MTUS1	Mitochondrial tumor suppressor 1	0.00057	-2.05
653	Hs.206500	CTTN	Cortactin	0.00658	-2.05
654	Hs.445037	ACTN3	Actinin, alpha 3	0.00389	-2.05
655	Hs.506276	ATP2B1	ATPase, Ca++ transporting, plasma membrane 1	0.00005	-2.04
656	Hs.355307	TNFRSF7	Tumor necrosis factor receptor superfamily, member 7	0.00016	-2.04
657	Hs.75294	CRH	Corticotropin releasing hormone	0.00012	-2.04

658	Hs.496096	PIM2	Pim-2 oncogene	0.00324	-2.04
659	Hs.89575	CD79B	CD79B antigen (immunoglobulin-associated beta)	0.01638	-2.04
660	Hs.546755		Data not found	0.00057	-2.04
661	Hs.530003	SLC2A5	Solute carrier family 2 (facilitated glucose/fructose transporter), membe	0.00170	-2.03
662	Hs.202010	PLCL2	Phospholipase C-like 2	0.00005	-2.03
663	Hs.492120	IMPA1	Inositol(myo)-1(or 4)-monophosphatase 1	0.00017	-2.03
664	Hs.507971	LRCH1	Leucine-rich repeats and calponin homology (CH) domain containing 1	0.00324	-2.03
665	Hs.390817	MYO15B	Myosin XVB, pseudogene	0.02092	-2.03
666	Hs.516813	MGC25181	Hypothetical protein MGC25181	0.00008	-2.03
667	Hs.519812	SLC30A10	Solute carrier family 30 (zinc transporter), member 10	0.00053	-2.03
668	Hs.374726	PDZK2	PDZ domain containing 2	0.00007	-2.03
669	Hs.510833	TJP1	Tight junction protein 1 (zona occludens 1)	0.00467	-2.03
670	Hs.499758	KIAA0672	KIAA0672 gene product	0.00005	-2.03
671	Hs.434900	PDZRN3	PDZ domain containing RING finger 3	0.00053	-2.02
672	Hs.432438	EML4	Echinoderm microtubule associated protein like 4	0.00066	-2.02
673	Hs.386502	FMO4	Topoisomerase (DNA) I pseudogene 1	0.00009	-2.02
674	Hs.116428	SCGN	Secretagogin, EF-hand calcium binding protein	0.00005	-2.02
675	Hs.377588		Data not found	0.00017	-2.02
676	Hs.400431	RAB6IP2	RAB6 interacting protein 2	0.00003	-2.02
677	Hs.435579	BRDG1	BCR downstream signaling 1	0.00009	-2.02
678	Hs.58611		Full length insert cDNA clone ZD83D05	0.00499	-2.02
679	Hs.293563	FLJ12666	Chromosome 1 open reading frame 108	0.00006	-2.02
680	Hs.159195	DOCK1	Dedicator of cytokinesis 1	0.00034	-2.01
681	Hs.31210	BCL3	B-cell CLL/lymphoma 3	0.00034	-2.01
682	Hs.288382	FLJ13111	Hypothetical protein FLJ13111	0.00122	-2.01
683	Hs.19987	FLJ14213	Hypothetical protein FLJ14213	0.00072	-2.01
684	Hs.520708	DFNA5	Deafness, autosomal dominant 5	0.00242	-2.01
685	Hs.211472	FLJ12800	Hypothetical protein FLJ12800	0.00007	-2.01
686	Hs.460232	THUMPD1	THUMP domain containing 1	0.00003	-2.01
687	Hs.442530	TBXA2R	Thromboxane A2 receptor	0.02277	-2.01
688	Hs.122417	ZBTB20	Zinc finger and BTB domain containing 20	0.00009	-2.01
689	Hs.522730	GPRASP1	G protein-coupled receptor associated sorting protein 1	0.00011	-2.01
690	Hs.197922	CaMKIINalp	Calcium/calmodulin-dependent protein kinase II inhibitor 1	0.00017	-2.00
691	Hs.544250		Clone TUD6 Cri-du-chat region mRNA	0.00043	-2.00
692	Hs.288800	FLJ22688	Hypothetical protein FLJ22688	0.01382	-2.00
693	Hs.475848		Data not found	0.00028	-2.00
694	Hs.369022	MOBKL2B	MOB1, Mps One Binder kinase activator-like 2B (yeast)	0.00007	-2.00
695	Hs.370771	CDKN1A	Cyclin-dependent kinase inhibitor 1A (p21, Cip1)	0.00558	-2.00
696	Hs.57813	ZNRD1	Zinc ribbon domain containing, 1	0.00034	2.00
697	Hs.147492	PEG10	Paternally expressed 10	0.01761	2.00
698	Hs.128738	AIM1L	Absent in melanoma 1-like	0.00066	2.00
699	Hs.14468	PPAN	Peter pan homolog (Drosophila)	0.00003	2.00
700	Hs.502244	GA17	Dendritic cell protein	0.00014	2.00
701	Hs.546847		Data not found	0.00389	2.01
702	Hs.487635	BZW2	Basic leucine zipper and W2 domains 2	0.00014	2.01
703	Hs.303197	BCL7C	B-cell CLL/lymphoma 7C	0.00005	2.01
704	Hs.118552	HSPA5BP1	Heat shock 70kDa protein 5 (glucose-regulated protein, 78kDa) binding	0.00150	2.01
705	Hs.406293	NTRK1	Neurotrophic tyrosine kinase, receptor, type 1	0.01996	2.01
706	Hs.328232	GPC1	Glypican 1	0.00150	2.01
707	Hs.269988	ROD1	ROD1 regulator of differentiation 1 (S. pombe)	0.00150	2.01
708	Hs.525718	APBA2	Amyloid beta (A4) precursor protein-binding, family A, member 2 (X11-li	0.00558	2.01
709	Hs.485041	TRIM26	Tripartite motif-containing 26	0.00006	2.01
710	Hs.279915	TIMM8B	Translocase of inner mitochondrial membrane 8 homolog B (yeast)	0.00005	2.01
711	Hs.368402	LOC51337	Mesenchymal stem cell protein DSCD75	0.00003	2.01
712	Hs.500118	ADK	Adenosine kinase	0.00009	2.02

713	Hs.444202	SLC9A8	Solute carrier family 9 (sodium/hydrogen exchanger), isoform 8	0.00061	2.02
714	Hs.75615	APOC2	Apolipoprotein C-II	0.00791	2.02
715	Hs.300772	TPM2	Tropomyosin 2 (beta)	0.00111	2.02
716	Hs.356664	NIP	Homolog of Drosophila Numb-interacting protein	0.00009	2.02
717	Hs.546284	RPL39	RNA, U69 small nucleolar	0.00028	2.02
718	Hs.506852	PTPN11	Protein tyrosine phosphatase, non-receptor type 11 (Noonan syndrome	0.00006	2.02
719	Hs.370834	ATAD2	ATPase family, AAA domain containing 2	0.00081	2.02
720	Hs.512973	HSPC121	Butyrate-induced transcript 1	0.00005	2.02
721	Hs.513057	RANBP5	RAN binding protein 5	0.00007	2.02
722	Hs.503911	NNMT	Nicotinamide N-methyltransferase	0.00066	2.02
723	Hs.1695	MMP12	Matrix metalloproteinase 12 (macrophage elastase)	0.01793	2.02
724	Hs.410228	ORC3L	Origin recognition complex, subunit 3-like (yeast)	0.00034	2.02
725	Hs.516966	BCL2L1	BCL2-like 1	0.00003	2.03
726	Hs.439152	NIT2	Nitrilase family, member 2	0.00003	2.03
727	Hs.147433	PCNA	Proliferating cell nuclear antigen	0.00066	2.03
728	Hs.69554	RNF126	Ring finger protein 126	0.00003	2.03
729	Hs.25590	STC1	Stanniocalcin 1	0.04965	2.03
730	Hs.470996	GTF3C3	General transcription factor IIIC, polypeptide 3, 102kDa	0.00028	2.03
731	Hs.369982	IGFBP5	Insulin-like growth factor binding protein 5	0.00014	2.03
732	Hs.378836	HOOK1	Hook homolog 1 (Drosophila)	0.00077	2.03
733	Hs.388297	FLJ32440	Hypothetical protein FLJ32440	0.00043	2.03
734	Hs.352548	FLJ22573	Hypothetical protein FLJ22573	0.00555	2.03
735	Hs.72620	C20orf28	Chromosome 20 open reading frame 28	0.00053	2.03
736	Hs.94865	TEAD4	TEA domain family member 4	0.00014	2.03
737	Hs.525135		Data not found	0.00008	2.03
738	Hs.471873	DTYMK	Deoxythymidylate kinase (thymidylate kinase)	0.00014	2.03
739	Hs.368131	ST7	Suppression of tumorigenicity 7	0.00014	2.04
740	Hs.253806		Hypothetical gene supported by AK026359	0.00268	2.04
741	Hs.13640	ROBO1	Roundabout, axon guidance receptor, homolog 1 (Drosophila)	0.00056	2.04
742	Hs.435850	LYPLA1	Lysophospholipase I	0.00014	2.04
743	Hs.516095	SMYD5	SMYD family member 5	0.00017	2.04
744	Hs.69499	HSPC132	P53-inducible cell-survival factor	0.00003	2.04
745	Hs.207069		Hypothetical LOC389362	0.00003	2.04
746	Hs.2210	TRIP3	Thyroid hormone receptor interactor 3	0.00004	2.04
747	Hs.259559	FLJ21963	FLJ21963 protein	0.00022	2.04
748	Hs.458320	DC12	DC12 protein	0.00022	2.04
749	Hs.534331	NUDT1	Nudix (nucleoside diphosphate linked moiety X)-type motif 1	0.00004	2.04
750	Hs.378505	MOSPD1	Motile sperm domain containing 1	0.00100	2.04
751	Hs.85951	XPOT	Exportin, tRNA (nuclear export receptor for tRNAs)	0.00017	2.04
752	Hs.505154	C12orf14	Family with sequence similarity 60, member A	0.00004	2.04
753	Hs.523848	MYEOV	Myeloma overexpressed gene (in a subset of t(11;14) positive multiple r	0.00009	2.05
754	Hs.516493	FAP	Fibroblast activation protein, alpha	0.00937	2.05
755	Hs.56145	TMSNB	Thymosin-like 8	0.00028	2.05
756	Hs.269512	FSTL1	Follistatin-like 1	0.00666	2.05
757	Hs.162241	UCHL3	Ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)	0.00005	2.05
758	Hs.38260	USP18	Ubiquitin specific protease 18	0.03639	2.05
759	Hs.508769	FLJ11305	Hypothetical protein FLJ11305	0.00008	2.05
760	Hs.521640	RAD23B	RAD23 homolog B (S. cerevisiae)	0.00014	2.05
761	Hs.497741	CENPF	Centromere protein F, 350/400ka (mitosin)	0.00081	2.05
762	Hs.438993	BCAT1	Branched chain aminotransferase 1, cytosolic	0.00464	2.05
763	Hs.525115	DDX10	DEAD (Asp-Glu-Ala-Asp) box polypeptide 10	0.00003	2.05
764	Hs.90107	ADRM1	Adhesion regulating molecule 1	0.00005	2.06
765	Hs.104925	ENC1	Ectodermal-neural cortex (with BTB-like domain)	0.00028	2.06
766	Hs.21938	OSBPL9	Oxysterol binding protein-like 9	0.00029	2.06
767	Hs.166071	CDK5	Cyclin-dependent kinase 5	0.00005	2.06

768	Hs.533336	BAMBI	BMP and activin membrane-bound inhibitor homolog (Xenopus laevis)	0.00170	2.06
769	Hs.372360	B1	Parathyroid hormone-responsive B1 gene	0.00053	2.06
770	Hs.368149	CCT7	Chaperonin containing TCP1, subunit 7 (eta)	0.00006	2.06
771	Hs.511739	UBA2	SUMO-1 activating enzyme subunit 2	0.00005	2.07
772	Hs.38114	BRIX	Brix domain containing 2	0.00014	2.07
773	Hs.29383	DKFZp434E	Hypothetical protein DKFZp434E2321	0.00003	2.07
774	Hs.498160	TM7SF1	Transmembrane 7 superfamily member 1 (upregulated in kidney)	0.00081	2.07
775	Hs.490394	SSBP1	Single-stranded DNA binding protein 1	0.00003	2.07
776	Hs.416007	UCC1	Ependymin related protein 1 (zebrafish)	0.00066	2.07
777	Hs.47338	IFIT3	Interferon-induced protein with tetratricopeptide repeats 3	0.00937	2.07
778	Hs.62771	FLJ20186	Hypothetical protein FLJ20186	0.00005	2.07
779	Hs.180903	384D8-2	Kleisin beta	0.00053	2.08
780	Hs.321637	SEMA5A	Sema domain, seven thrombospondin repeats (type 1 and type 1-like), t	0.04751	2.08
781	Hs.81892	KIAA0101	KIAA0101	0.00017	2.08
782	Hs.109798	C6orf48	Chromosome 6 open reading frame 48	0.00036	2.08
783	Hs.531719	ADCYAP1	Adenylate cyclase activating polypeptide 1 (pituitary)	0.03931	2.08
784	Hs.492599	EIF3S3	Eukaryotic translation initiation factor 3, subunit 3 gamma, 40kDa	0.00021	2.08
785	Hs.12844	EGFL6	EGF-like-domain, multiple 6	0.00281	2.08
786	Hs.78068	CPZ	Carboxypeptidase Z	0.00089	2.09
787	Hs.156652	FLJ22800	Transmembrane 4 L six family member 20	0.00014	2.09
788	Hs.79110	NCL	Nucleolin	0.00022	2.09
789	Hs.513343	ATF7IP2	Activating transcription factor 7 interacting protein 2	0.00081	2.09
790	Hs.386866	RPL10A	Ribosomal protein L10a	0.02349	2.09
791	Hs.5268	ZDHHC4	Zinc finger, DHHC-type containing 4	0.00003	2.09
792	Hs.443551	FLJ10706	Chromosome 1 open reading frame 112	0.00677	2.09
793	Hs.438970	TBL1XR1	Transducin (beta)-like 1X-linked receptor 1	0.00111	2.09
794	Hs.404186	C6orf75	Chromosome 6 open reading frame 75	0.00022	2.09
795	Hs.4747	DKC1	Dyskeratosis congenita 1, dyskerin	0.00028	2.09
796	Hs.401537	SPPL2A	Signal peptide peptidase-like 2A	0.00057	2.09
797	Hs.520740	SCRN1	Secernin 1	0.00007	2.09
798	Hs.549161	NOL7	Nucleolar protein 7, 27kDa	0.00017	2.09
799	Hs.462729	HSA272196	Hypothetical protein, clone 2746033	0.00007	2.10
800	Hs.469264	RPIA	Ribose 5-phosphate isomerase A (ribose 5-phosphate epimerase)	0.00022	2.10
801	Hs.434953	HMGB2	High-mobility group box 2	0.00221	2.10
802	Hs.255664	CYLN2	Cytoplasmic linker 2	0.00066	2.10
803	Hs.425777	UBE2L6	Ubiquitin-conjugating enzyme E2L 6	0.00170	2.10
804	Hs.293736	ADNP	Activity-dependent neuroprotector	0.00006	2.10
805	Hs.543226	VENTX1	VENT-like homeobox 1	0.00017	2.10
806	Hs.445052	MSH6	MutS homolog 6 (E. coli)	0.00091	2.10
807	Hs.524969	Ufm1	Ubiquitin-fold modifier 1	0.00003	2.10
808	Hs.24763	RANBP1	RAN binding protein 1	0.00045	2.11
809	Hs.49421	FLJ23129	WD repeat domain 78	0.00057	2.11
810	Hs.516933	NXT1	NTF2-like export factor 1	0.00014	2.11
811	Hs.194726	BAG4	BCL2-associated athanogene 4	0.00014	2.11
812	Hs.78089	ATP6V1F	ATPase, H+ transporting, lysosomal 14kDa, V1 subunit F	0.00003	2.11
813	Hs.435952	CDK5RAP1	CDK5 regulatory subunit associated protein 1	0.00057	2.11
814	Hs.505545	SLC11A2	Solute carrier family 11 (proton-coupled divalent metal ion transporters)	0.00005	2.11
815	Hs.1594	CENPA	Centromere protein A, 17kDa	0.00034	2.12
816	Hs.79088	RCN2	Reticulocalbin 2, EF-hand calcium binding domain	0.00005	2.12
817	Hs.377066		Clone 23671 mRNA sequence	0.00329	2.12
818	Hs.459779	DNAJA3	DnaJ (Hsp40) homolog, subfamily A, member 3	0.00009	2.12
819	Hs.479270	HCAP-G	Chromosome condensation protein G	0.00111	2.12
820	Hs.164853	UBE2E1	Ubiquitin-conjugating enzyme E2E 1 (UBC4/5 homolog, yeast)	0.00043	2.12
821	Hs.143080	HIST1H4B	Histone 1, H4b	0.00313	2.12
822	Hs.205163	MRPL3	Mitochondrial ribosomal protein L3	0.00005	2.12

823	Hs.515003	C19orf6	Chromosome 19 open reading frame 6	0.00005	2.13
824	Hs.6985	MATN3	Matrilin 3	0.00937	2.13
825	Hs.79353	TFDP1	Transcription factor Dp-1	0.00022	2.13
826	Hs.58992	SMC4L1	SMC4 structural maintenance of chromosomes 4-like 1 (yeast)	0.00526	2.13
827	Hs.518475	RFC4	Replication factor C (activator 1) 4, 37kDa	0.00053	2.13
828	Hs.514495	SRP68	Signal recognition particle 68kDa	0.00004	2.13
829	Hs.481466	TPPP	Brain-specific protein p25 alpha	0.00017	2.13
830	Hs.549190		Data not found	0.00005	2.13
831	Hs.552801	KIAA0507	KIAA0507	0.00028	2.13
832	Hs.143102	AOC2	Amine oxidase, copper containing 2 (retina-specific)	0.00007	2.13
833	Hs.106880	BYSL	Bystin-like	0.00009	2.13
834	Hs.520038	BAT8	Euchromatic histone-lysine N-methyltransferase 2	0.00005	2.14
835	Hs.546305	TCEB1	Transcription elongation factor B (SIII), polypeptide 1 (15kDa, elongin C	0.00007	2.14
836	Hs.503692	YAP1	Yes-associated protein 1, 65kDa	0.00256	2.14
837	Hs.552259		Ets-like protein (clone 7B)	0.00268	2.14
838	Hs.519018	EVE1	SH3 domain protein D19	0.00468	2.14
839	Hs.510402	MCP	Membrane cofactor protein (CD46, trophoblast-lymphocyte cross-reacti	0.00004	2.14
840	Hs.514632	LOC348262	Hypothetical protein LOC348262	0.00007	2.14
841	Hs.284491	PDXK	Pyridoxal (pyridoxine, vitamin B6) kinase	0.00003	2.14
842	Hs.546358	CLECSF5	C-type lectin domain family 5, member A	0.00313	2.14
843	Hs.463278	GOSR2	Golgi SNAP receptor complex member 2	0.00145	2.14
844	Hs.473819	ERG	V-ets erythroblastosis virus E26 oncogene like (avian)	0.00382	2.15
845	Hs.489515	ZRF1	Zuotin related factor 1	0.00008	2.15
846	Hs.129944	ESM1	Endothelial cell-specific molecule 1	0.00003	2.15
847	Hs.147779	MGC20419	Hypothetical protein BC012173	0.00551	2.15
848	Hs.96322	FLJ23560	Hypothetical protein FLJ23560	0.00003	2.15
849	Hs.534339	PRIM1	Primase, polypeptide 1, 49kDa	0.00011	2.15
850	Hs.472437	MAPRE1	Microtubule-associated protein, RP/EB family, member 1	0.00004	2.15
851	Hs.47166	C3orf14	Chromosome 3 open reading frame 14	0.00150	2.15
852	Hs.372099	NUP160	Nucleoporin 160kDa	0.00034	2.16
853	Hs.550488		Data not found	0.00022	2.16
854	Hs.400876		RNA, U71A small nucleolar	0.00053	2.16
855	Hs.183850	DCTD	DCMP deaminase	0.00003	2.16
856	Hs.116471	CDH11	Cadherin 11, type 2, OB-cadherin (osteoblast)	0.00006	2.16
857	Hs.280378	SNRPB2	Small nuclear ribonucleoprotein polypeptide B"	0.00022	2.16
858	Hs.60351		Full length insert cDNA clone ZE16D09	0.00057	2.16
859	Hs.94896	TMEM14A	Transmembrane protein 14A	0.00009	2.17
860	Hs.77367	CXCL9	Chemokine (C-X-C motif) ligand 9	0.03639	2.17
861	Hs.134473	ZNRF3	Zinc and ring finger 3	0.00028	2.17
862	Hs.491494	CCT3	Chaperonin containing TCP1, subunit 3 (gamma)	0.00005	2.17
863	Hs.308613	CGI-12	MTERF domain containing 1	0.00022	2.17
864	Hs.7753	CALU	Calumenin	0.00004	2.17
865	Hs.534310	CTAG1B	Cancer/testis antigen 1B	0.00005	2.17
866	Hs.12013	ABCE1	ATP-binding cassette, sub-family E (OABP), member 1	0.00003	2.18
867	Hs.78619	GGH	Gamma-glutamyl hydrolase (conjugase, folylpolygammaglutamyl hydrol	0.00256	2.18
868	Hs.8752	TMEM4	Transmembrane protein 4	0.00057	2.18
869	Hs.124246	C10orf119	Chromosome 10 open reading frame 119	0.00132	2.19
870	Hs.540552		Ribosomal DNA {nontranscribed spacer} [human, rheumatoid synovium	0.00008	2.19
871	Hs.369125	PSMD14	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 14	0.00004	2.19
872	Hs.194157	ZC3HC1	Zinc finger, C3HC-type containing 1	0.00485	2.19
873	Hs.436219	ALDH1B1	Aldehyde dehydrogenase 1 family, member B1	0.00081	2.19
874	Hs.54416	SIX1	Sine oculis homeobox homolog 1 (Drosophila)	0.00005	2.19
875	Hs.118118	TM4SF9	Tetraspanin 5	0.00007	2.19
876	Hs.459106	OAZIN	Antizyme inhibitor 1	0.00005	2.19
877	Hs.517148	TH1L	TH1-like (Drosophila)	0.00014	2.19

878	Hs.525796	C15orf23	Chromosome 15 open reading frame 23	0.00007	2.19
879	Hs.532292		CDNA FLJ11823 fis, clone HEMBA1006486	0.01666	2.19
880	Hs.541144			0.02904	2.19
881	Hs.471783	RAMP1	Receptor (calcitonin) activity modifying protein 1	0.00485	2.20
882	Hs.443260	C20orf20	Chromosome 20 open reading frame 20	0.00004	2.20
883	Hs.485162	C6orf106	Chromosome 6 open reading frame 106	0.00014	2.20
884	Hs.468675	T1A-2	Podoplanin	0.00003	2.20
885	Hs.287515	FLJ12331	Hypothetical protein FLJ12331	0.00007	2.20
886	Hs.184840	PPP1R2	Protein phosphatase 1, regulatory (inhibitor) subunit 2	0.00011	2.20
887	Hs.545983		Clone LS535G M3 hypoxanthine phosphoribosyltransferase (hprt) 50 kb	0.00029	2.20
888	Hs.105105	AKAP11	A kinase (PRKA) anchor protein 11	0.00007	2.20
889	Hs.76753	ENG	Endoglin (Osler-Rendu-Weber syndrome 1)	0.00011	2.20
890	Hs.89643	TKT	Transketolase (Wernicke-Korsakoff syndrome)	0.00012	2.21
891	Hs.534360	TRIP6	Thyroid hormone receptor interactor 6	0.00089	2.21
892	Hs.148641	CTSH	Cathepsin H	0.00071	2.21
893	Hs.519602	NME5	Non-metastatic cells 5, protein expressed in (nucleoside-diphosphate ki	0.00011	2.22
894	Hs.515534	TEAD2	TEA domain family member 2	0.00043	2.22
895	Hs.416375	E2F7	E2F transcription factor 7	0.00022	2.22
896	Hs.223141	DDX21	DEAD (Asp-Glu-Ala-Asp) box polypeptide 21	0.00066	2.23
897	Hs.331420	PPAT	Phosphoribosyl pyrophosphate amidotransferase	0.00005	2.23
898	Hs.298735	FNBP3	Formin binding protein 3	0.00006	2.24
899	Hs.409602	SULF1	Sulfatase 1	0.00081	2.24
900	Hs.458959	FBXO22	F-box protein 22	0.00022	2.24
901	Hs.268939	MATR3	Matrin 3	0.00182	2.24
902	Hs.522819	IRAK1	Interleukin-1 receptor-associated kinase 1	0.00028	2.24
903	Hs.353214	ICAM3	Intercellular adhesion molecule 3	0.00937	2.25
904	Hs.202095	EMX2	Empty spiracles homolog 2 (Drosophila)	0.00039	2.25
905	Hs.184339	MELK	Maternal embryonic leucine zipper kinase	0.00022	2.25
906	Hs.57771	KLK11	Kallikrein 11	0.00071	2.25
907	Hs.513145	NEUGRIN	Neugrin, neurite outgrowth associated	0.00003	2.25
908	Hs.444276	NUP37	Nucleoporin 37kDa	0.00008	2.25
909	Hs.68879	BMP4	Bone morphogenetic protein 4	0.00043	2.25
910	Hs.512234	IL6	Interleukin 6 (interferon, beta 2)	0.01382	2.25
911	Hs.520063	C6orf11	WD repeat domain 46	0.00053	2.26
912	Hs.247324	MRPS14	Mitochondrial ribosomal protein S14	0.00007	2.26
913	Hs.77890	GUCY1B3	Guanylate cyclase 1, soluble, beta 3	0.00310	2.26
914	Hs.478553	EIF4A2	Eukaryotic translation initiation factor 4A, isoform 2	0.00111	2.26
915	Hs.121443	HOP	Homeodomain-only protein	0.01304	2.26
916	Hs.258855	MLL	Myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosop	0.00036	2.26
917	Hs.143250	TNC	Tenascin C (hexabrachion)	0.00558	2.26
918	Hs.433951	GPX4	Glutathione peroxidase 4 (phospholipid hydroperoxidase)	0.00008	2.26
919	Hs.75498	CCL20	Chemokine (C-C motif) ligand 20	0.04890	2.26
920	Hs.274772	C15orf15	Chromosome 15 open reading frame 15	0.00004	2.26
921	Hs.473231	CDH4	Cadherin 4, type 1, R-cadherin (retinal)	0.00128	2.27
922	Hs.20521	HRMT1L2	HMT1 hnRNP methyltransferase-like 2 (S. cerevisiae)	0.00009	2.27
923	Hs.414028	C9orf116	Chromosome 9 open reading frame 116	0.00005	2.28
924	Hs.821	BGN	Biglycan	0.00150	2.28
925	Hs.128231	GAGEB1	P antigen family, member 1 (prostate associated)	0.00246	2.28
926	Hs.528834	CPSF5	Nudix (nucleoside diphosphate linked moiety X)-type motif 21	0.00005	2.28
927	Hs.502328	CD44	CD44 antigen (homing function and Indian blood group system)	0.00036	2.28
928	Hs.443625	COL3A1	Collagen, type III, alpha 1 (Ehlers-Danlos syndrome type IV, autosomal	0.00677	2.28
929	Hs.471200	NRP2	Neuropilin 2	0.00004	2.28
930	Hs.284207	C6orf129	Chromosome 6 open reading frame 129	0.00007	2.28
931	Hs.532851	RNASEH2A	Ribonuclease H2, large subunit	0.00003	2.28
932	Hs.530698	CHD8	Chromodomain helicase DNA binding protein 8	0.00014	2.29

933	Hs.437322	TNFAIP6	Tumor necrosis factor, alpha-induced protein 6	0.01107	2.29
934	Hs.13453	HIATL2	Hippocampus abundant gene transcript-like 2	0.01796	2.29
935	Hs.436445	C8orf1	Chromosome 8 open reading frame 1	0.00055	2.29
936	Hs.381081	PSMB9	Proteasome (prosome, macropain) subunit, beta type, 9 (large multifunc	0.00066	2.29
937	Hs.93485	SCN2A2	Sodium channel, voltage-gated, type II, alpha 2	0.00181	2.30
938	Hs.182505	POU3F2	POU domain, class 3, transcription factor 2	0.00053	2.30
939	Hs.517356	COL18A1	Collagen, type XVIII, alpha 1	0.00003	2.30
940	Hs.422662	VRK1	Vaccinia related kinase 1	0.00022	2.30
941	Hs.312485	IF	I factor (complement)	0.00014	2.30
942	Hs.492974	WISP1	WNT1 inducible signaling pathway protein 1	0.00039	2.30
943	Hs.436803	VBP1	Von Hippel-Lindau binding protein 1	0.00011	2.30
944	Hs.1314	TNFRSF8	Tumor necrosis factor receptor superfamily, member 8	0.00017	2.31
945	Hs.478582	RPL39L	Ribosomal protein L39-like	0.00005	2.31
946	Hs.333786	PSMA2	Proteasome (prosome, macropain) subunit, alpha type, 2	0.00006	2.31
947	Hs.177861	SF3B14	Splicing factor 3B, 14 kDa subunit	0.00007	2.31
948	Hs.532359	RPL5	Ribosomal protein L5	0.00019	2.31
949	Hs.504096	CBL	Cas-Br-M (murine) ecotropic retroviral transforming sequence	0.00344	2.31
950	Hs.489353	GPSM2	G-protein signalling modulator 2 (AGS3-like, C. elegans)	0.00004	2.32
951	Hs.534370	HIST2H4	Histone 2, H4	0.00047	2.32
952	Hs.25010	NXT2	Nuclear transport factor 2-like export factor 2	0.00004	2.32
953	Hs.521608	CHPPR	Chondrocyte protein with a poly-proline region	0.00003	2.32
954	Hs.526091		Similar to splicing coactivator subunit SRm300; RNA binding protein; A1	0.04331	2.33
955	Hs.549178	C9orf86	Chromosome 9 open reading frame 86	0.00053	2.33
956	Hs.350966	PTTG1	Pituitary tumor-transforming 1	0.00034	2.33
957	Hs.11355	TMPO	Thymopoietin	0.00005	2.33
958	Hs.71465	SQLE	Squalene epoxidase	0.00209	2.33
959	Hs.489365	AP1S1	Adaptor-related protein complex 1, sigma 1 subunit	0.00100	2.33
960	Hs.25040	ZNF239	Zinc finger protein 239	0.00011	2.34
961	Hs.272398	ETV7	Ets variant gene 7 (TEL2 oncogene)	0.00028	2.34
962	Hs.525529	KCNMB4	Potassium large conductance calcium-activated channel, subfamily M, b	0.01091	2.34
963	Hs.370312	FNTA	Farnesyltransferase, CAAX box, alpha	0.00034	2.35
964	Hs.504966	SLCO1B3	Solute carrier organic anion transporter family, member 1B3	0.00684	2.35
965	Hs.16004	C10orf76	Chromosome 10 open reading frame 76	0.00034	2.35
966	Hs.549204	C6orf31	Proline-rich transmembrane protein 1	0.00313	2.35
967	Hs.285055	DKFZp564(	BRCT domain containing 1	0.00937	2.35
968	Hs.65029	GAS1	Growth arrest-specific 1	0.00974	2.35
969	Hs.437366	PRES	Prestin (motor protein)	0.00003	2.35
970	Hs.96	PMAIP1	Phorbol-12-myristate-13-acetate-induced protein 1	0.00006	2.36
971	Hs.477475	TXNRD3	Thioredoxin reductase 3	0.00224	2.36
972	Hs.201482	TPD52L1	Tumor protein D52-like 1	0.00053	2.36
973	Hs.135665		Data not found	0.01017	2.36
974	Hs.418367	NMU	Neuromedin U	0.01107	2.36
975	Hs.129702	BFSP1	Beaded filament structural protein 1, filensin	0.00036	2.37
976	Hs.406475	LUM	Lumican	0.01935	2.37
977	Hs.117767	RIMS2	Regulating synaptic membrane exocytosis 2	0.00177	2.37
978	Hs.224152	TUBGCP3	Tubulin, gamma complex associated protein 3	0.00014	2.37
979	Hs.549080		Data not found	0.00007	2.37
980	Hs.182255	NHP2L1	NHP2 non-histone chromosome protein 2-like 1 (S. cerevisiae)	0.00011	2.37
981	Hs.23960	CCNB1	Cyclin B1	0.00034	2.37
982	Hs.492716	MGC21654	WD repeat domain 67	0.00071	2.37
983	Hs.398111	LOC93081	Hypothetical protein BC015148	0.00011	2.38
984	Hs.438830	DNAJD1	DnaJ (Hsp40) homolog, subfamily C, member 15	0.00053	2.38
985	Hs.46458	LEPREL2	Leprecan-like 2	0.00022	2.38
986	Hs.385956	HS6ST2	Heparan sulfate 6-O-sulfotransferase 2	0.00036	2.38
987	Hs.517066	TOMM34	Translocase of outer mitochondrial membrane 34	0.00003	2.39

988	Hs.284295	NSMCE1	Non-SMC element 1 homolog (S. cerevisiae)	0.00003	2.39
989	Hs.466714	PD2	Paf1, RNA polymerase II associated factor, homolog (S. cerevisiae)	0.00005	2.39
990	Hs.84928	NFYB	Nuclear transcription factor Y, beta	0.00005	2.39
991	Hs.211236	NTNG1	Netrin G1	0.00194	2.39
992	Hs.104741	PBK	PDZ binding kinase	0.00170	2.39
993	Hs.435237	ERCC8	Excision repair cross-complementing rodent repair deficiency, complem	0.00028	2.40
994	Hs.98428	HOXB6	Homeo box B6	0.00666	2.40
995	Hs.83383	PRDX4	Peroxiredoxin 4	0.00003	2.41
996	Hs.489037	ASK	Activator of S phase kinase	0.00034	2.41
997	Hs.513022	ISLR	Immunoglobulin superfamily containing leucine-rich repeat	0.00256	2.41
998	Hs.116240	MGC26979	Hypothetical protein MGC26979	0.00005	2.42
999	Hs.95243	TCEAL1	Transcription elongation factor A (SII)-like 1	0.00028	2.42
1000	Hs.59761		Similar to death-associated protein	0.00548	2.42
1001	Hs.432419		Similar to ENSANGP00000004103	0.00005	2.42
1002	Hs.520189	ELOVL5	ELOVL family member 5, elongation of long chain fatty acids (FEN1/Elo	0.00004	2.43
1003	Hs.119192	H2AFZ	H2A histone family, member Z	0.04550	2.43
1004	Hs.521097	PTTG3	Pituitary tumor-transforming 3	0.00034	2.43
1005	Hs.511755	PTTG2	Pituitary tumor-transforming 2	0.00028	2.43
1006	Hs.523446	COL11A1	Collagen, type XI, alpha 1	0.00170	2.43
1007	Hs.24258	GUCY1A3	Guanylate cyclase 1, soluble, alpha 3	0.00791	2.44
1008	Hs.523836	GSTP1	Glutathione S-transferase pi	0.00004	2.44
1009	Hs.468478	HTLF	Human T-cell leukemia virus enhancer factor	0.00045	2.44
1010	Hs.480876	ANAPC10	Anaphase promoting complex subunit 10	0.00037	2.44
1011	Hs.521563	POLB	Polymerase (DNA directed), beta	0.00013	2.45
1012	Hs.75069	SHMT2	Serine hydroxymethyltransferase 2 (mitochondrial)	0.00007	2.45
1013	Hs.474150	BID	BH3 interacting domain death agonist	0.00005	2.45
1014	Hs.480356	VPS52	Vacuolar protein sorting 52 (yeast)	0.00005	2.46
1015	Hs.247700	FOXP3	Forkhead box P3	0.00011	2.46
1016	Hs.134830	COL8A1	Collagen, type VIII, alpha 1	0.02846	2.46
1017	Hs.102267	LOX	Lysyl oxidase	0.00008	2.47
1018	Hs.306291	FLJ11712	Hypothetical protein FLJ11712	0.00009	2.47
1019	Hs.88663	C6orf139	Chromosome 6 open reading frame 139	0.00005	2.47
1020	Hs.209715	FLJ22624	FLJ22624 protein	0.00008	2.48
1021	Hs.194678		Data not found	0.00007	2.48
1022	Hs.412710	NPHS2	Nephrosis 2, idiopathic, steroid-resistant (podocin)	0.00937	2.48
1023	Hs.424414	MSX1	Msh homeo box homolog 1 (Drosophila)	0.00011	2.48
1024	Hs.511756	RPP40	Ribonuclease P 40kDa subunit	0.00003	2.48
1025	Hs.465918	DOCK6	Dedicator of cytokinesis 6	0.00017	2.48
1026	Hs.12393	TGDS	TDP-glucose 4,6-dehydratase	0.00003	2.49
1027	Hs.134643	THY1	Thy-1 cell surface antigen	0.00081	2.49
1028	Hs.314436	HECW2	HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2	0.00034	2.50
1029	Hs.97887	RCN1	Reticulocalbin 1, EF-hand calcium binding domain	0.00009	2.50
1030	Hs.109425	GFRA1	GDNF family receptor alpha 1	0.00485	2.51
1031	Hs.183713	EDNRA	Endothelin receptor type A	0.00005	2.51
1032	Hs.544251		Clone HEA6 Cri-du-chat region mRNA	0.02781	2.52
1033	Hs.82916	CCT6A	Chaperonin containing TCP1, subunit 6A (zeta 1)	0.00035	2.52
1034	Hs.534388	SSSCA1	Sjogren's syndrome/scleroderma autoantigen 1	0.00005	2.52
1035	Hs.134989	EN2	Engrailed homolog 2	0.00035	2.53
1036	Hs.487540	RPA3	Replication protein A3, 14kDa	0.00008	2.53
1037	Hs.518814	CXCL11	Chemokine (C-X-C motif) ligand 11	0.00034	2.53
1038	Hs.89690	CXCL3	Chemokine (C-X-C motif) ligand 3	0.00937	2.53
1039	Hs.407966	GALK1	Galactokinase 1	0.00008	2.54
1040	Hs.432948	ORC5L	Origin recognition complex, subunit 5-like (yeast)	0.00007	2.54
1041	Hs.430849	OSBPL8	Oxysterol binding protein-like 8	0.00022	2.55
1042	Hs.387367	CYP39A1	Cytochrome P450, family 39, subfamily A, polypeptide 1	0.00006	2.55

1043	Hs.507584	MGC9850	Polymerase (RNA) I polypeptide D, 16kDa	0.00007	2.56
1044	Hs.444332	C20orf9	Chromosome 20 open reading frame 9	0.00005	2.56
1045	Hs.546847		Data not found	0.02578	2.56
1046	Hs.283322	HSPC138	Hypothetical protein HSPC138	0.00011	2.56
1047	Hs.235782	SLCO4A1	Solute carrier organic anion transporter family, member 4A1	0.00009	2.56
1048	Hs.24950	RGS5	Regulator of G-protein signalling 5	0.00005	2.56
1049	Hs.250712	CACNB3	Calcium channel, voltage-dependent, beta 3 subunit	0.02092	2.57
1050	Hs.24529	CHEK1	CHK1 checkpoint homolog (S. pombe)	0.00028	2.57
1051	Hs.380933	LOC200916	Ribosomal protein L22-like 1	0.00017	2.57
1052	Hs.368410	MGC10561	Chromobox homolog 2 (Pc class homolog, Drosophila)	0.00004	2.57
1053	Hs.466831	PAFAH1B3	Platelet-activating factor acetylhydrolase, isoform Ib, gamma subunit 29	0.00003	2.57
1054	Hs.461775	CPNE7	Copine VII	0.00100	2.57
1055	Hs.153704	NEK2	NIMA (never in mitosis gene a)-related kinase 2	0.00017	2.58
1056	Hs.518299	ECT2	Epithelial cell transforming sequence 2 oncogene	0.00005	2.58
1057	Hs.175120	FLJ11286	Hypothetical protein FLJ11286	0.00022	2.58
1058	Hs.63287	CA9	Carbonic anhydrase IX	0.00071	2.58
1059	Hs.25450	SLC29A1	Solute carrier family 29 (nucleoside transporters), member 1	0.00003	2.58
1060	Hs.72550	HMMR	Hyaluronan-mediated motility receptor (RHAMM)	0.00077	2.58
1061	Hs.458485	G1P2	Interferon, alpha-inducible protein (clone IFI-15K)	0.00313	2.59
1062	Hs.515472	SNRPD2	Small nuclear ribonucleoprotein D2 polypeptide 16.5kDa	0.00408	2.60
1063	Hs.500398	FLJ20315	Hypothetical protein FLJ20315	0.00009	2.60
1064	Hs.271695	NOB1P	Nin one binding protein	0.00003	2.61
1065	Hs.351475	POLR2K	Polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa	0.00003	2.62
1066	Hs.487650		Full length insert cDNA clone YB64A12	0.04042	2.62
1067	Hs.551573		Data not found	0.00012	2.62
1068	Hs.244580	TPX2	TPX2, microtubule-associated, homolog (Xenopus laevis)	0.00008	2.63
1069	Hs.436187	TRIP13	Thyroid hormone receptor interactor 13	0.00014	2.63
1070	Hs.459391	LRRC14	Leucine rich repeat containing 14	0.00007	2.63
1071	Hs.494204	DKFZp434N	Hypothetical protein DKFZp434N2030	0.00009	2.63
1072	Hs.483067	C5orf13	Chromosome 5 open reading frame 13	0.00034	2.64
1073	Hs.332053	SAA1	Serum amyloid A2	0.00081	2.64
1074	Hs.32196	MRPL36	Mitochondrial ribosomal protein L36	0.00008	2.64
1075	Hs.249171	HOXA11	Homeo box A11	0.00003	2.65
1076	Hs.483408	PPP2CA	Protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform	0.00341	2.65
1077	Hs.355089	DGCR10	DiGeorge syndrome critical region gene 10	0.00072	2.65
1078	Hs.365116	U2AF1	U2(RNU2) small nuclear RNA auxiliary factor 1	0.00769	2.65
1079	Hs.215766	GTPBP4	GTP binding protein 4	0.00006	2.66
1080	Hs.280388	NPHP1	Nephronophthisis 1 (juvenile)	0.00036	2.66
1081	Hs.3041	UNG2	Uracil-DNA glycosylase 2	0.00066	2.66
1082	Hs.129452	DACH1	Dachshund homolog 1 (Drosophila)	0.00008	2.66
1083	Hs.479808	IGFBP7	Insulin-like growth factor binding protein 7	0.00081	2.66
1084	Hs.549163		Data not found	0.00008	2.66
1085	Hs.560	APOBEC1	Apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1	0.00666	2.66
1086	Hs.511092	OIP5	Opa interacting protein 5	0.00142	2.67
1087	Hs.27693	PPIL1	Peptidylprolyl isomerase (cyclophilin)-like 1	0.00006	2.67
1088	Hs.440553	ZNF473	Zinc finger protein 473	0.00005	2.67
1089	Hs.106019	PPP1R10	Protein phosphatase 1, regulatory subunit 10	0.00053	2.67
1090	Hs.90073	CSE1L	CSE1 chromosome segregation 1-like (yeast)	0.00022	2.69
1091	Hs.3459	KIAA1970	KIAA1970 protein	0.00007	2.70
1092	Hs.520421	PERP	PERP, TP53 apoptosis effector	0.00008	2.70
1093	Hs.169863	WDR43	WD repeat domain 43	0.00005	2.72
1094	Hs.517216	PEA15	Phosphoprotein enriched in astrocytes 15	0.00004	2.72
1095	Hs.131956	HIST1H1B	Histone 1, H1b	0.00003	2.73
1096	Hs.95577	CDK4	Cyclin-dependent kinase 4	0.00003	2.73
1097	Hs.435326	ACTL6A	Actin-like 6A	0.00003	2.75

1098	Hs.35861	RIS1	Ras-induced senescence 1	0.00066	2.76
1099	Hs.502775	HRASLS3	HRAS-like suppressor 3	0.00045	2.77
1100	Hs.159422	ITR	Intimal thickness-related receptor	0.00005	2.77
1101	Hs.125132		Data not found	0.00005	2.77
1102	Hs.127792	DLL3	Delta-like 3 (Drosophila)	0.00036	2.79
1103	Hs.202354	DIO2	Deiodinase, iodothyronine, type II	0.00036	2.79
1104	Hs.387755	C6orf149	Hypothetical protein LOC285778	0.00007	2.79
1105	Hs.443861	SRPK1	SFRS protein kinase 1	0.00028	2.80
1106	Hs.517155	TMEPAI	Transmembrane, prostate androgen induced RNA	0.00111	2.80
1107	Hs.301394	MGC3101	Hypothetical protein MGC3101	0.00071	2.81
1108	Hs.25338	PRSS23	Protease, serine, 23	0.00009	2.81
1109	Hs.318526	C13orf23	Chromosome 13 open reading frame 23	0.00163	2.81
1110	Hs.445827	COL5A2	Collagen, type V, alpha 2	0.00081	2.82
1111	Hs.355899	TNFRSF12	Tumor necrosis factor receptor superfamily, member 12A	0.00003	2.82
1112	Hs.519659	DPYSL3	Dihydropyrimidinase-like 3	0.00256	2.83
1113	Hs.306327	ZRANB3	RAB3 GTPase-activating protein	0.03169	2.84
1114	Hs.24624	FLJ21945	Hypothetical protein FLJ21945	0.00031	2.85
1115	Hs.545842	IFNAP22	Interferon, alpha pseudogene 22	0.03764	2.85
1116	Hs.472409	POFUT1	Protein O-fucosyltransferase 1	0.00005	2.85
1117	Hs.120790	SE57-1	CTCL tumor antigen se57-1	0.00268	2.86
1118	Hs.435080	FAM43A	Family with sequence similarity 43, member A	0.00150	2.86
1119	Hs.292336	ZNF614	Zinc finger protein 614	0.00008	2.88
1120	Hs.2012	TCN1	Transcobalamin I (vitamin B12 binding protein, R binder family)	0.00815	2.88
1121	Hs.248133	HIST1H1E	Histone 1, H1e	0.00006	2.89
1122	Hs.28465		Similar to RIKEN cDNA 2410129H14	0.00005	2.90
1123	Hs.445386	FLJ10874	Chromosome 1 open reading frame 75	0.00003	2.90
1124	Hs.87295	FAM18B	Family with sequence similarity 18, member B	0.00382	2.90
1125	Hs.511743	TUBB3	Tubulin, beta 3	0.00003	2.90
1126	Hs.523594	CTSK	Cathepsin K (pycnodysostosis)	0.00221	2.91
1127	Hs.111779	SPARC	Secreted protein, acidic, cysteine-rich (osteonectin)	0.00310	2.92
1128	Hs.534368	HIST1H2BN	Histone 1, H2bn	0.00012	2.93
1129	Hs.496622	PLS3	Plastin 3 (T isoform)	0.00003	2.93
1130	Hs.434102	HMGB1	High-mobility group box 1	0.00007	2.94
1131	Hs.396393	UBE2S	Ubiquitin-conjugating enzyme E2S	0.00005	2.94
1132	Hs.156727	ANKH	Ankylosis, progressive homolog (mouse)	0.02082	2.96
1133	Hs.115474	RFC3	Replication factor C (activator 1) 3, 38kDa	0.00011	2.96
1134	Hs.58593	GTF2F2	General transcription factor IIF, polypeptide 2, 30kDa	0.00003	2.98
1135	Hs.504352	HNT	Neurotrimin	0.00006	2.99
1136	Hs.408658	CCNE2	Cyclin E2	0.00028	3.00
1137	Hs.126248	COL9A3	Collagen, type IX, alpha 3	0.00221	3.02
1138	Hs.79136	SLC39A6	Solute carrier family 39 (zinc transporter), member 6	0.00017	3.03
1139	Hs.270978	MEST	Mesoderm specific transcript homolog (mouse)	0.00017	3.03
1140	Hs.77448	ALDH4A1	Aldehyde dehydrogenase 4 family, member A1	0.00035	3.03
1141	Hs.490576	RHEB	Ras homolog enriched in brain	0.00008	3.04
1142	Hs.283741	EXOSC5	Exosome component 5	0.00005	3.05
1143	Hs.36927	HSPH1	Heat shock 105kDa/110kDa protein 1	0.00043	3.05
1144	Hs.4253	MGC2574	Hypothetical protein MGC2574	0.00008	3.07
1145	Hs.152213	WNT5A	Wingless-type MMTV integration site family, member 5A	0.00034	3.07
1146	Hs.444301	FLJ10986	Hypothetical protein FLJ10986	0.00009	3.09
1147	Hs.505077	C12orf11	Chromosome 12 open reading frame 11	0.00003	3.12
1148	Hs.104570	KLK8	Kallikrein 8 (neuropsin/ovasin)	0.00098	3.14
1149	Hs.292156	DKK3	Dickkopf homolog 3 (Xenopus laevis)	0.00008	3.18
1150	Hs.73625	KIF20A	Kinesin family member 20A	0.00011	3.20
1151	Hs.521171	HIG2	Hypoxia-inducible protein 2	0.00005	3.20
1152	Hs.136348	POSTN	Periostin, osteoblast specific factor	0.02434	3.20

1153	Hs.523470	IPO7	Importin 7	0.00012	3.21
1154	Hs.529098	FLJ21369	Hypothetical protein FLJ21369	0.01124	3.22
1155	Hs.91161	PFDN4	Prefoldin 4	0.00004	3.22
1156	Hs.401929	RPL10	Ribosomal protein L10	0.00009	3.23
1157	Hs.389137	MFAP2	Microfibrillar-associated protein 2	0.00053	3.28
1158	Hs.86337	POLR1B	Polymerase (RNA) I polypeptide B, 128kDa	0.00004	3.33
1159	Hs.545050		CDNA: FLJ22466 fis, clone HRC10308	0.01670	3.34
1160	Hs.17441	COL4A1	Collagen, type IV, alpha 1	0.00045	3.34
1161	Hs.237396		Hypothetical gene supported by AF275804	0.00022	3.37
1162	Hs.330663	FLJ20641	Hypothetical protein FLJ20641	0.00044	3.38
1163	Hs.388004	AHCY	S-adenosylhomocysteine hydrolase	0.00027	3.38
1164	Hs.544254		Clone HED7 Cri-du-chat region mRNA	0.04252	3.39
1165	Hs.547764		MRNA full length insert cDNA clone EUROIMAGE 2344436	0.00003	3.45
1166	Hs.79033	QPCT	Glutaminyl-peptide cyclotransferase (glutaminyl cyclase)	0.00014	3.46
1167	Hs.124611	SPOCK	Sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican)	0.00034	3.48
1168	Hs.128402	FSCN3	Fascin homolog 3, actin-bundling protein, testicular (Strongylocentrotus	0.00047	3.49
1169	Hs.58552		Full length insert cDNA clone ZD78D09	0.01091	3.50
1170	Hs.334562	CDC2	Cell division cycle 2, G1 to S and G2 to M	0.00014	3.63
1171	Hs.252189	SDC4	Syndecan 4 (amphiglycan, ryudocan)	0.00089	3.65
1172	Hs.546335	CGREF1	Cell growth regulator with EF-hand domain 1	0.00005	3.65
1173	Hs.233458	NFYC	Nuclear transcription factor Y, gamma	0.00011	3.67
1174	Hs.23582	TACSTD2	Tumor-associated calcium signal transducer 2	0.00053	3.72
1175	Hs.128814	CHIA	Eosinophil chemotactic cytokine	0.03347	3.72
1176	Hs.444451	ZAK	Hypothetical protein LOC339751	0.00005	3.77
1177	Hs.93002	UBE2C	Ubiquitin-conjugating enzyme E2C	0.00004	3.78
1178	Hs.83758	CKS2	CDC28 protein kinase regulatory subunit 2	0.00008	3.82
1179	Hs.152475	ASCL2	Achaete-scute complex-like 2 (Drosophila)	0.00003	3.84
1180	Hs.242721	SLC22A3	Solute carrier family 22 (extraneuronal monoamine transporter), membe	0.00003	3.86
1181	Hs.9597	UCK1	Uridine-cytidine kinase 1	0.00034	3.88
1182	Hs.435655	ASPN	Asporin (LRR class 1)	0.00089	3.89
1183	Hs.445977	GTF3A	General transcription factor IIIA	0.00003	4.00
1184	Hs.26915	SPTBN2	Spectrin, beta, non-erythrocytic 2	0.00007	4.03
1185	Hs.129673	EIF4A1	Eukaryotic translation initiation factor 4A, isoform 1	0.00091	4.07
1186	Hs.112405	S100A9	S100 calcium binding protein A9 (calgranulin B)	0.00182	4.09
1187	Hs.375129	MMP3	Matrix metalloproteinase 3 (stromelysin 1, progelatinase)	0.00221	4.16
1188	Hs.369397	TGFBI	Transforming growth factor, beta-induced, 68kDa	0.00008	4.16
1189	Hs.181245	LEMD1	LEM domain containing 1	0.00057	4.26
1190	Hs.306339	SRPX2	Sushi-repeat-containing protein, X-linked 2	0.00005	4.32
1191	Hs.87417	CTSL2	Cathepsin L2	0.00022	4.35
1192	Hs.406787	FBXO3	F-box protein 3	0.00008	4.43
1193	Hs.23119	CXorf12	Chromosome X open reading frame 12	0.00017	4.44
1194	Hs.498569	RPS2	RNA, U64 small nucleolar	0.00004	4.49
1195	Hs.41690	DSC3	Desmocollin 3	0.00065	4.61
1196	Hs.101302	COL12A1	Collagen, type XII, alpha 1	0.00024	4.69
1197	Hs.413924	CXCL10	Chemokine (C-X-C motif) ligand 10	0.00022	4.69
1198	Hs.66744	TWIST1	Twist homolog 1 (acrocephalosyndactyly 3; Saethre-Chotzen syndrome	0.00004	4.69
1199	Hs.371147	THBS2	Thrombospondin 2	0.00003	4.87
1200	Hs.140978	LOC144501	Hypothetical protein LOC144501	0.00005	4.92
1201	Hs.519719	FABP6	Fatty acid binding protein 6, ileal (gastrotropin)	0.00003	4.95
1202	Hs.409412	PARP2	Ribonuclease P RNA component H1	0.00017	5.06
1203	Hs.549157		Data not found	0.00053	5.14
1204	Hs.411311	IL24	Interleukin 24	0.00004	5.14
1205	Hs.169840	TTK	TTK protein kinase	0.00005	5.59
1206	Hs.516826	TRIB3	Tribbles homolog 3 (Drosophila)	0.00017	5.67
1207	Hs.549210		Data not found	0.00009	5.78

1208	Hs.520339	COL10A1	Collagen, type X, alpha 1(Schmid metaphyseal chondrodysplasia)	0.00209	5.78
1209	Hs.44532	UBD	Ubiquitin D	0.00007	6.36
1210	Hs.624	IL8	Interleukin 8	0.00077	6.63
1211	Hs.444212	VSNL1	Visinin-like 1	0.00011	7.55
1212	Hs.298434	NKD1	Naked cuticle homolog 1 (Drosophila)	0.00008	7.95
1213	Hs.109	DPEP1	Dipeptidase 1 (renal)	0.00003	8.02
1214	Hs.534405	RNU68	RNA, U68 small nucleolar	0.00006	8.23
1215	Hs.533022	CRYBB3	Crystallin, beta B3	0.00043	9.07
1216	Hs.313	SPP1	Secreted phosphoprotein 1 (osteopontin, bone sialoprotein I, early T-lyn	0.00022	9.32
1217	Hs.83169	MMP1	Matrix metalloproteinase 1 (interstitial collagenase)	0.00009	10.53
1218	Hs.28792	INHBA	Inhibin, beta A (activin A, activin AB alpha polypeptide)	0.00005	12.12
1219	Hs.434059	ETV4	Ets variant gene 4 (E1A enhancer binding protein, E1AF)	0.00005	12.20
1220	Hs.439060	CLDN1	Claudin 1	0.00003	14.43
1221	Hs.2256	MMP7	Matrix metalloproteinase 7 (matrilysin, uterine)	0.00008	20.47
1222	Hs.56319	CST4	Cystatin S	0.00008	40.51

P-*value,* between 12 primary colon carcinomas and paired normal mucosae from Mann-Whitney rank-sum test.

P / M (*fc*), average ratio in intensity of 12 primary colon carcinoma / average ratio of intensity of paired normal muc