

Gene identifier	Log2 fold change (D28 vs. D21)	Adjusted p-value	Product name
Smp_175710	-5.42	9.80E-05	homeobox protein unc 4
Smp_137140	-5.25	9.49E-05	nk homeobox protein
Smp_054430	-5.07	3.48E-04	hypothetical protein
Smp_129490	-4.65	1.02E-03	LIM:homeobox protein Lhx3
Smp_045470	-4.38	5.35E-62	prospero homeobox protein 2
Smp_171130	-4.36	9.41E-18	glial cells missing
Smp_132780	-4.24	1.42E-06	hypothetical protein heart and neural crest derivatives
Smp_062490	-3.9	1.52E-03	expressed hairy:enhancer of split related with YRPW
Smp_194410	-3.89	1.21E-04	motif
Smp_149860	-3.81	6.07E-03	cat eye syndrome critical region protein 5
Smp_087310	-3.42	3.50E-27	hypothetical protein
Smp_214390	-3.34	4.12E-46	Labial-like protein
Smp_138350	-3.19	8.19E-12	zinc finger protein basonuclin 2
Smp_196410	-3.08	8.76E-08	dachshund
Smp_034860	-3.05	3.15E-07	nuclear receptor 2DBD-gamma family M13 unassigned peptidase (M13
Smp_089730	-3.03	7.41E-04	family)
Smp_024010	-2.97	2.99E-29	microsomal glutathione S transferase 1
Smp_176240	-2.94	1.60E-24	hypothetical protein
Smp_142120	-2.85	3.18E-18	achaete scute transcription factor
Smp_147810	-2.85	7.61E-04	deoxyribonuclease TATDN3
Smp_141760	-2.81	1.91E-04	hypothetical protein
Smp_177900	-2.78	4.27E-03	gag pol polyprotein
Smp_138110	-2.76	1.01E-21	homeobox protein distal less dlx
Smp_113530	-2.61	6.32E-03	hypothetical protein
Smp_060220	-2.61	8.70E-30	lipopolysaccharide induced tumor necrosis
Smp_154460	-2.57	3.30E-04	hypothetical protein
Smp_139940	-2.57	4.02E-03	POU domain
Smp_148110	-2.56	8.25E-83	transcription factor SOX 14
Smp_203270	-2.54	3.84E-10	twist protein
Smp_170750	-2.48	4.64E-05	paired box protein pax 6
Smp_155600	-2.39	1.27E-23	protocadherin 11 family M13 unassigned peptidase (M13
Smp_171110	-2.39	4.54E-04	family)
Smp_193580	-2.36	3.67E-06	hypothetical protein
Smp_124600	-2.35	6.38E-61	hypothetical protein
Smp_168600	-2.35	2.12E-16	aryl hydrocarbon receptor
Smp_166440	-2.33	1.53E-05	cadherin
Smp_153210	-2.32	4.90E-14	rhodopsin orphan GPCR
Smp_053520	-2.28	5.66E-03	homeobox protein aristaless 3 like
Smp_035650	-2.27	8.86E-11	dorsal root ganglia homeobox protein

Smp_075230	-2.27	2.84E-03 B cell lymphoma:leukemia
Smp_175290	-2.26	1.40E-08 hypothetical protein
Smp_143190	-2.25	2.40E-04 hypothetical protein
Smp_151940	-2.21	2.69E-03 hypothetical protein
Smp_184750	-2.18	3.27E-05 gag pol polyprotein
Smp_113760	-2.17	1.80E-17 anti-inflammatory protein 16
Smp_148420	-2.15	1.70E-11 coiled coil domain containing 88A
Smp_157280	-2.14	2.85E-03 zinc finger protein ZIC 5
Smp_194530	-2.11	6.58E-62 adenylate kinase isoenzyme 5
Smp_161310	-2.1	3.34E-18 IQ domain containing protein D
Smp_169410	-2.09	7.33E-31 hypothetical protein
Smp_153650	-2.09	1.71E-03 camp specific 3' 5' cyclic phosphodiesterase
Smp_155690	-2.08	6.66E-05 Sox family of transcription factor homeobox protein nk 2 ; neural gene
Smp_027990	-2.06	8.50E-06 activation
Smp_138340	-2.02	9.67E-03 hypothetical protein
Smp_032970	-2.02	4.51E-09 calmodulin protein
Smp_175410	-2.01	5.83E-05 zinc finger protein 398
Smp_145230	-1.99	5.05E-09 T box transcription factor TBX3
Smp_129710	-1.99	5.85E-33 Uveal autoantigen with coiled coil domains
Smp_165230	-1.97	1.40E-06 receptor for egg jelly 6
Smp_093980	-1.97	1.64E-38 hypothetical protein
Smp_007690	-1.97	9.72E-10 tyrosine 3 monooxygenase
Smp_002930	-1.95	1.33E-12 histone H2A
Smp_142940	-1.95	1.79E-12 paired box protein pax
Smp_180840	-1.95	2.75E-04 hypothetical protein
Smp_176710	-1.94	7.27E-13 transcriptional factor nfil3:e4bp4
Smp_139710	-1.93	1.04E-17 daz interacting protein 1
Smp_124300	-1.93	5.48E-180 Lamin B receptor (ERG24)
Smp_148300	-1.92	4.82E-04 protocadherin 17 forkhead box protein A2 hepatocyte
Smp_152170	-1.91	2.46E-11 nuclear
Smp_148430	-1.89	4.50E-86 hook protein
Smp_145470	-1.88	4.39E-11 zinc finger protein
Smp_170690	-1.87	1.08E-54 proline oxidase
Smp_132950	-1.87	1.97E-23 hypothetical protein
Smp_168570	-1.85	9.45E-06 colorectal mutant cancer protein
Smp_144160	-1.83	5.46E-33 hypothetical protein
Smp_212760	-1.83	6.40E-28 kinesin
Smp_203940	-1.82	1.69E-05 short chain dehydrogenase
Smp_194660	-1.79	2.33E-08 transcription factor collier
Smp_150750	-1.79	4.54E-72 centrosomal protein 110 kDa
Smp_162760	-1.78	5.73E-15 homeobox protein prospero:prox 1:ceh 26
Smp_174560	-1.78	6.42E-03 hypothetical protein

Smp_187030	-1.78	1.99E-07	hypothetical protein
Smp_157570	-1.78	9.09E-19	hypothetical protein
Smp_205690	-1.77	2.03E-37	hypothetical protein
Smp_128160	-1.77	4.12E-09	CST complex subunit STN1
Smp_142130	-1.76	1.72E-08	coiled coil domain containing protein 81
Smp_193630	-1.74	9.72E-08	endoglycoceramidase
Smp_136160	-1.74	8.15E-73	hypothetical protein
Smp_164460	-1.73	9.67E-04	hypothetical protein
Smp_172480	-1.73	4.15E-90	Krueppel factor 10 like
Smp_077860	-1.72	5.66E-42	actin
Smp_151680	-1.72	5.06E-11	hypothetical protein
Smp_080560	-1.7	4.20E-03	SKI family transcriptional corepressor 2 BAH and coiled coil domain containing
Smp_137760	-1.69	8.76E-09	protein 1
Smp_173630	-1.68	8.69E-35	hypothetical protein
Smp_167140	-1.67	5.82E-07	WNT
Smp_140980	-1.67	1.73E-03	mds1 and evi1 complex locus protein evi1
Smp_180890	-1.66	9.59E-46	Rho GTPase activating protein 19
Smp_144620	-1.66	4.32E-21	regulator of G protein signaling 3
Smp_144300	-1.66	4.51E-03	tns1 protein small conductance calcium activated
Smp_139410	-1.64	4.74E-03	potassium
Smp_080030	-1.63	3.24E-05	GATA transcription factor
Smp_076600	-1.62	4.61E-18	transcription factor SOX 14
Smp_138470	-1.62	1.81E-99	hypothetical protein
Smp_154700	-1.62	1.73E-03	hypothetical protein
Smp_082490	-1.61	8.88E-53	G2:mitotic specific cyclin B2
Smp_041210	-1.6	7.23E-07	hypothetical protein
Smp_148180	-1.6	4.79E-05	hypothetical protein
Smp_135730	-1.59	5.95E-13	protocadherin alpha 7
Smp_175300	-1.59	1.98E-04	hypothetical protein
Smp_135630	-1.59	3.58E-05	protocadherin gamma a10
Smp_009040	-1.58	6.77E-13	POU domain
Smp_123820	-1.57	1.16E-15	serine rich repeat protein 2
Smp_149490	-1.57	9.88E-15	hypothetical protein
Smp_173170	-1.57	5.11E-04	proto oncogene tyrosine protein kinase LCK mitogen activated protein kinase kinase
Smp_050380	-1.57	1.46E-34	kinase
Smp_176430	-1.56	1.82E-45	pleckstrin y domain containing family G
Smp_135890	-1.56	1.33E-11	hypothetical protein
Smp_055240	-1.55	1.44E-21	cadherin
Smp_124580	-1.55	4.08E-04	protocadherin 11
Smp_002350	-1.55	4.52E-06	asparagine rich protein
Smp_173870	-1.55	5.77E-12	anosmin 1

Smp_157870	-1.55	9.11E-03	hypothetical protein
Smp_174170	-1.54	1.41E-04	homeobox protein Meis1
Smp_176780	-1.54	2.23E-48	hypothetical protein
Smp_173450	-1.54	3.43E-23	chromosome associated kinesin KIF4A
Smp_151560	-1.53	1.96E-11	dna replication licensing factor mcm9
Smp_149570	-1.53	2.02E-04	POU domain protein CF1A
Smp_009600	-1.53	2.41E-47	serine:threonine protein kinase PLK1
Smp_155500	-1.53	1.43E-07	DNA polymerase theta
Smp_128210	-1.52	1.62E-33	claspin protein
Smp_174150	-1.52	1.14E-24	myeloid ecotropic viral integration site 1
Smp_079050	-1.52	1.67E-46	DNA primase large subunit
Smp_119140	-1.51	7.00E-33	hypothetical protein
Smp_139180	-1.51	1.30E-09	frizzled 5
Smp_172610	-1.51	4.18E-14	hypothetical protein
Smp_155440	-1.5	5.44E-04	hypothetical protein
Smp_023240	-1.49	2.02E-13	complement C1q tumor necrosis factor
Smp_203710	-1.49	1.10E-05	hypothetical protein
Smp_052290	-1.49	1.76E-07	fibroblast growth factor receptor 1 like
Smp_156750	-1.49	2.28E-10	hypothetical protein
Smp_032500	-1.49	9.08E-42	DNA replication licensing factor MCM7
Smp_178260	-1.49	2.44E-33	DNA polymerase alpha catalytic subunit
Smp_058500	-1.48	1.21E-05	hypothetical protein
			Ca(2+):calmodulin responsive adenylate
Smp_140060	-1.48	8.12E-03	cyclase
Smp_203660	-1.48	9.80E-29	hypothetical protein
Smp_189490	-1.48	6.49E-32	matrix remodeling associated protein 5
Smp_072560	-1.47	3.11E-28	hypothetical protein
Smp_156140	-1.47	3.99E-22	tripartite motif protein trim9
Smp_127070	-1.47	4.79E-15	origin recognition complex subunit
Smp_141740	-1.46	2.65E-07	protocadherin 11
Smp_128870	-1.46	2.41E-17	nibrin
Smp_126900	-1.46	1.83E-03	voltage gated hydrogen channel 1
Smp_012010	-1.46	7.27E-10	forkhead box subgroup O
Smp_118240	-1.45	3.17E-12	hypothetical protein
Smp_127670	-1.45	1.98E-04	hypothetical protein
Smp_155390	-1.45	1.52E-19	hypothetical protein
Smp_130870	-1.44	1.25E-14	ETS domain containing protein Elk 4
Smp_201840	-1.44	3.49E-26	hypothetical protein
Smp_161520	-1.44	1.31E-11	protocadherin 9
Smp_108600	-1.44	2.02E-07	hypothetical protein
Smp_203830	-1.43	1.58E-03	hypothetical protein
Smp_142570	-1.43	6.97E-03	hypothetical protein
Smp_146160	-1.43	2.86E-45	Fanconi anemia group D2 protein
Smp_187190	-1.43	3.61E-50	innexin unc 9
Smp_004060	-1.43	2.48E-36	cell division cycle 20

Smp_212030	-1.42	3.64E-29	hypothetical protein DNA repair and recombination protein
Smp_026030	-1.42	6.27E-14	RAD54B
Smp_164040	-1.41	5.64E-11	hypothetical protein
Smp_128290	-1.41	8.42E-04	hypothetical protein
Smp_125510	-1.41	4.47E-14	cadherin
Smp_196050	-1.41	8.69E-04	low density lipoprotein receptor (ldl)
Smp_162520	-1.41	5.70E-21	protocadherin fat 4
Smp_149330	-1.4	9.14E-18	cadherin egf lag seven pass
Smp_075360	-1.4	4.51E-15	hypothetical protein
Smp_143490	-1.4	1.84E-60	DNA replication licensing factor MCM5
Smp_193330	-1.4	3.34E-35	kinesin II 85 kDa subunit
Smp_162370	-1.4	3.68E-08	histone H1 gamma
Smp_188510	-1.4	1.37E-05	hypothetical protein
Smp_034500	-1.39	1.31E-21	Dual specificity protein phosphatase 10 Ras guanine nucleotide exchange factor
Smp_158490	-1.39	1.04E-16	RasGEFB
Smp_178050	-1.39	1.87E-04	hypothetical protein
Smp_148590	-1.39	1.15E-17	hypothetical protein
Smp_141430	-1.38	3.00E-08	hypothetical protein
Smp_149260	-1.38	2.50E-27	kinesin family 1
Smp_055500	-1.38	1.99E-06	DNA polymerase theta
Smp_139210	-1.38	2.42E-04	hypothetical protein
Smp_147890	-1.38	2.90E-06	Rootletin
Smp_047610	-1.37	1.22E-14	cell division control protein 45
Smp_137390	-1.37	1.29E-28	histone RNA hairpin binding protein
Smp_046280	-1.37	1.13E-37	actin binding protein anillin
Smp_160150	-1.37	3.68E-04	glycosyltransferase doublesex and mab-3 related transcription
Smp_138230	-1.37	2.74E-04	factor 1
Smp_133990	-1.36	1.17E-17	DNA topoisomerase 2 binding protein 1
Smp_167400	-1.36	8.39E-33	transcription factor sum 1
Smp_159860	-1.36	2.02E-03	dopamine receptor I
Smp_001900	-1.36	6.99E-05	neural cell adhesion molecule I1 protein
Smp_132510	-1.36	1.65E-13	breast cancer type 1 susceptibility protein
Smp_138950	-1.36	3.37E-03	C2 domain containing protein 3
Smp_150970	-1.35	6.04E-48	RAB6 interacting protein 2 (ERC protein 1)
Smp_128200	-1.35	1.40E-39	kinesin protein kif23
Smp_172210	-1.35	1.60E-11	leucine rich repeat and coiled coil
Smp_194040	-1.35	1.13E-05	hypothetical protein
Smp_135650	-1.34	2.38E-05	hypothetical protein
Smp_079560	-1.34	3.87E-16	DNA replication licensing factor MCM2
Smp_073050	-1.34	4.88E-24	hypothetical protein
Smp_123120	-1.34	1.10E-08	hypothetical protein
Smp_176000	-1.34	2.40E-20	abnormal spindle microcephaly associated

Smp_148310	-1.34	5.05E-04	hypothetical protein epidermal growth factor receptor pathway;
Smp_141030	-1.33	1.36E-11	epidermal growth factor receptor kinase
Smp_008920	-1.33	1.57E-03	voltage gated hydrogen channel 1
Smp_035550	-1.33	1.21E-04	hypothetical protein
Smp_086220	-1.33	3.87E-26	hypothetical protein
Smp_193460	-1.33	7.57E-05	hypothetical protein
Smp_174910	-1.33	3.92E-23	importin subunit alpha 2
Smp_151740	-1.32	1.02E-09	run and tbc1 domain containing protein structural maintenance of chromosomes
Smp_145260	-1.32	4.02E-21	protein 3
Smp_128940	-1.32	8.52E-07	metabotropic glutamate receptor structural maintenance of chromosomes
Smp_173700	-1.32	4.65E-15	protein 4
Smp_151410	-1.31	1.59E-09	protein phosphatase 7
Smp_181420	-1.31	2.36E-04	Structure specific endonuclease SLX1
Smp_057590	-1.3	4.91E-34	hypothetical protein
Smp_169970	-1.3	1.13E-21	kinetochore protein ndc80
Smp_020130	-1.29	1.96E-28	hypothetical protein
Smp_181160	-1.29	3.52E-14	tubulin polyglutamylase ttl4
Smp_151400	-1.29	1.48E-12	WNT
Smp_210120	-1.29	4.33E-03	homeobox protein six
Smp_132540	-1.28	2.40E-18	protein slit
Smp_124280	-1.28	2.07E-06	hypothetical protein
Smp_094140	-1.28	5.39E-49	DNA replication licensing factor MCM6
Smp_174820	-1.28	5.37E-10	hypothetical protein
Smp_137780	-1.28	6.98E-09	sister chromatid cohesion protein PDS5
Smp_068680	-1.28	1.43E-17	secreted frizzled protein
Smp_153030	-1.28	1.51E-11	solute carrier family 35 member f4
Smp_129410	-1.27	4.26E-45	hypothetical protein
Smp_140920	-1.27	2.12E-05	Glutamate receptor dna repair and recombination protein
Smp_194820	-1.27	1.99E-14	rad54
Smp_174650	-1.26	3.60E-05	hypothetical protein
Smp_153520	-1.26	1.29E-28	protein ect2
Smp_099640	-1.26	1.14E-08	p2X purinoceptor 4
Smp_125760	-1.26	2.07E-16	denticleless protein
Smp_055140	-1.26	1.93E-03	crossover junction endonuclease mus81
Smp_167460	-1.26	1.13E-16	hypothetical protein
Smp_047620	-1.26	1.04E-19	G2:mitotic specific cyclin B3
Smp_176820	-1.25	1.15E-11	hypothetical protein
Smp_106040	-1.25	1.80E-10	Structure specific endonuclease SLX1 Ca(2+):calmodulin responsive adenylate
Smp_140040	-1.24	9.20E-22	cyclase

		structural maintenance of chromosomes
Smp_134850	-1.24	5.12E-18 protein 3
Smp_174700	-1.24	4.31E-04 transcription factor HNF 4
Smp_027920	-1.24	8.45E-78 Tubulin alpha 1 chain
Smp_173820	-1.24	1.66E-30 equilibrative nucleoside transporter
Smp_171000	-1.24	2.15E-03 hypothetical protein
Smp_063680	-1.23	1.17E-21 hypothetical protein
Smp_196930	-1.23	9.40E-16 WNT
Smp_049160	-1.23	2.19E-18 zinc finger protein
Smp_158950	-1.22	3.70E-07 serine:threonine protein kinase haspin
Smp_155270	-1.22	5.06E-13 HMG-CoA synthase
Smp_176260	-1.22	3.76E-14 hypothetical protein
Smp_141520	-1.22	9.02E-14 E3 ubiquitin protein ligase PDZRN3
Smp_196990	-1.22	2.55E-06 protocadherin 11
Smp_169360	-1.22	1.95E-17 kinesin protein kif26a
Smp_149120	-1.21	3.45E-20 insect origin recognition complex subunit
Smp_127740	-1.21	1.25E-20 disintegrin and metalloproteinase
Smp_124230	-1.21	1.36E-16 dna repair protein rad51 1
Smp_067260	-1.21	1.28E-14 dna polymerase alpha subunit b
Smp_063030	-1.21	2.49E-11 hypothetical protein
Smp_167540	-1.21	7.27E-17 dna replication factor cdt1
Smp_058480	-1.21	1.32E-06 high affinity cAMP specific 3' 5' cyclic
Smp_125040	-1.21	1.79E-30 Epa2p protein
Smp_173880	-1.2	3.25E-05 RAD9 A
Smp_140050	-1.2	1.30E-04 CCAAT box DNA binding protein subunit B
Smp_078920	-1.2	1.02E-13 condensin complex subunit 3
		AT rich interactive domain containing
Smp_135110	-1.2	1.98E-15 protein
Smp_144960	-1.2	8.31E-33 FTS and Hook interacting protein
Smp_168620	-1.2	3.09E-07 ataxin 1
Smp_198240	-1.2	2.19E-04 anosmin 1
Smp_137110	-1.2	3.15E-17 hypothetical protein
		cyclic nucleotide gated cation channel
Smp_105340	-1.19	6.81E-21 alpha 3
Smp_157860	-1.19	2.61E-21 hypothetical protein
Smp_066050	-1.18	9.47E-08 transcriptional enhancer factor TEF 1
Smp_132010	-1.18	3.57E-08 hypothetical protein
Smp_028050	-1.18	8.15E-32 hypothetical protein
Smp_137790	-1.17	8.33E-32 sister chromatid cohesion protein PDS5
Smp_163040	-1.17	3.08E-26 nuclear pore complex protein Nup205
Smp_194390	-1.17	1.72E-13 suppressor of cytokine signaling 6
Smp_157190	-1.17	5.33E-04 hypothetical protein
Smp_001210	-1.17	1.45E-17 myh9 protein
Smp_158880	-1.17	5.27E-04 hypothetical protein
Smp_086860	-1.17	3.40E-26 histone H2A

Smp_157790	-1.17	1.64E-05	nAChR subunit
Smp_140240	-1.16	1.47E-12	hypothetical protein
Smp_154080	-1.16	3.71E-26	hypothetical protein
Smp_160010	-1.16	6.35E-03	hypothetical protein
Smp_009300	-1.16	2.40E-15	hypothetical protein
Smp_156890	-1.16	1.90E-04	hypothetical protein
Smp_154940	-1.15	1.86E-07	hypothetical protein
Smp_032490	-1.15	4.33E-24	tropomyosin Mediator of DNA damage checkpoint
Smp_130760	-1.14	1.95E-06	protein 1
Smp_199060	-1.14	2.19E-21	serine rich repeat protein
Smp_166020	-1.14	1.00E-19	hypothetical protein
Smp_124770	-1.14	8.73E-09	hypothetical protein
Smp_161820	-1.14	1.04E-08	hypothetical protein
Smp_166950	-1.14	4.14E-03	gag pol polyprotein
Smp_016870	-1.14	2.30E-25	protein regulator of cytokinesis 1
Smp_064910	-1.13	1.73E-05	hypothetical protein
Smp_180190	-1.13	1.19E-33	hypothetical protein
Smp_055440	-1.13	6.02E-20	hypothetical protein run domain Beclin 1 interacting and cystein
Smp_161860	-1.13	7.71E-75	rich
Smp_021590	-1.13	4.04E-26	Rac GTPase activating protein 1 cadherin EGF LAG seven pass G type
Smp_135640	-1.13	2.76E-03	receptor 1
Smp_144210	-1.13	2.07E-13	death associated protein kinase 1
Smp_145930	-1.13	1.80E-16	matrix metalloproteinase 25
Smp_181560	-1.13	4.10E-07	hox protein Dfd DNA double strand break repair rad50
Smp_135900	-1.13	2.71E-12	ATPase
Smp_077180	-1.12	1.94E-15	serine:threonine protein kinase Chk1
Smp_058670	-1.12	5.40E-17	procollagen galactosyltransferase 1 Myb DNA binding domain containing
Smp_142040	-1.12	4.91E-10	protein
Smp_202880	-1.12	4.91E-05	iroquois class homeodomain protein IRX 4
Smp_176010	-1.12	2.18E-13	cytoskeleton associated protein 5
Smp_167270	-1.12	4.67E-26	hypothetical protein mitochondrial substrate carrier family
Smp_148470	-1.12	2.19E-03	protein
Smp_011430	-1.11	2.98E-11	protocadherin 1
Smp_203620	-1.11	3.87E-25	hypothetical protein
Smp_009630	-1.1	1.32E-04	homeobox protein SIX6
Smp_213290	-1.1	3.27E-21	hypothetical protein
Smp_199050	-1.1	6.14E-61	hypothetical protein
Smp_202420	-1.1	6.95E-03	egg protein CP391S
Smp_201150	-1.09	9.59E-18	Equilibrative nucleoside transporter 1



Smp_143080	-1.09	3.63E-05	hypothetical protein chromosome transmission fidelity protein
Smp_042810	-1.09	5.43E-12	18
Smp_187070	-1.08	2.17E-03	hypothetical protein
Smp_167810	-1.08	7.31E-21	family C50 non peptidase ue (C50 family)
Smp_210110	-1.08	7.08E-06	mitotic checkpoint serine:threonine protein
Smp_213410	-1.08	9.51E-06	microcephalin-like
Smp_083710	-1.08	2.00E-19	Fanconi anemia
Smp_159560	-1.08	3.09E-05	GATA binding factor 2
Smp_158870	-1.08	1.21E-04	protocadherin 11
Smp_188780	-1.08	4.18E-03	hypothetical protein
Smp_160390	-1.08	1.54E-04	colorectal mutant cancer protein structural maintenance of chromosomes
Smp_171710	-1.08	1.75E-51	protein 2
Smp_206140	-1.08	1.71E-03	hypothetical protein
Smp_069600	-1.08	5.05E-19	ATP dependent DNA helicase Q4
Smp_213950	-1.08	6.74E-26	citron Rho interacting kinase
Smp_052390	-1.08	3.38E-08	origin recognition complex subunit 5
Smp_202400	-1.08	8.15E-18	hypothetical protein
Smp_026670	-1.07	1.92E-06	transmembrane protein 26
Smp_007000	-1.07	1.28E-04	DNA replication complex GINS protein PSF1
Smp_162340	-1.07	3.71E-12	serine:threonine protein kinase ATR
Smp_173760	-1.07	3.50E-09	hypothetical protein
Smp_017860	-1.06	7.86E-08	hypothetical protein
Smp_155810	-1.06	5.63E-29	protocadherin 11
Smp_154790	-1.06	1.12E-09	DC STAMP domain containing protein 2
Smp_042340	-1.06	2.29E-08	catenin delta 2
Smp_150430	-1.06	8.40E-03	Fork head domain transcription factor slp2
Smp_128330	-1.06	5.73E-03	ets
Smp_154850	-1.06	5.24E-11	GTPase activating Rap:Ran GAP domain
Smp_126140	-1.06	3.15E-14	integrin alpha 5
Smp_172530	-1.06	2.03E-46	DNA replication licensing factor MCM4
Smp_172500	-1.05	3.15E-07	hypothetical protein
Smp_159380	-1.05	6.63E-14	Nuclear receptor coactivator 2 (NCoA 2)
Smp_131780	-1.05	9.04E-13	CUG BP and ETR3 factor
Smp_142560	-1.05	8.00E-06	insulin gene enhancer protein ISL 1
Smp_138260	-1.05	1.24E-06	hypothetical protein
Smp_133660	-1.05	6.99E-05	protein lin 9
Smp_058850	-1.04	2.97E-10	hypothetical protein
Smp_078060	-1.04	3.95E-17	hypothetical protein
Smp_071890	-1.04	3.72E-03	hypothetical protein
Smp_187390	-1.04	1.19E-03	hypothetical protein
Smp_171030	-1.04	2.52E-10	Dehydrogenase:reductase SDR family

Smp_168000	-1.04	1.76E-13	monocarboxylate transporter
Smp_100090	-1.04	6.52E-183	high mobility group protein B1 IQ motif and SEC7 domain containing
Smp_016380	-1.04	2.12E-18	protein
Smp_174320	-1.03	7.45E-07	Protein lozenge
Smp_129530	-1.03	3.37E-05	protocadherin gamma A5
Smp_159020	-1.03	2.29E-08	hypothetical protein
Smp_132610	-1.03	4.66E-14	hypothetical protein
Smp_146790	-1.03	1.75E-12	bone morphogenetic protein-like protein WD repeat and HMG box DNA binding
Smp_054610	-1.03	6.50E-17	protein 1
Smp_009020	-1.02	2.64E-05	zinc finger protein
Smp_175490	-1.02	7.37E-05	sister chromatid cohesion protein PDS5
Smp_201900	-1.02	2.29E-08	hypothetical protein
Smp_181080	-1.02	1.26E-06	hypothetical protein
Smp_073300	-1.02	3.88E-19	Chaperone protein DnaJ 1
Smp_164170	-1.02	1.84E-04	endoglycoceramidase
Smp_165390	-1.01	5.82E-04	ccaat box dna binding protein subunit
Smp_174260	-1.01	3.29E-04	thyroid hormone receptor beta
Smp_054840	-1.01	9.71E-19	DNA replication licensing factor MCM2
Smp_126640	-1.01	9.03E-04	neurotracting:lsamp:neurotrimin:obcam
Smp_138270	-1.01	3.41E-04	diaminopimelate epimerase DafE
Smp_064900	-1.01	1.73E-09	histidine kinase
Smp_128930	-1.01	1.39E-13	spectrin beta chain
Smp_036670	-1.01	4.52E-03	hypothetical protein
Smp_199380	-1	2.94E-03	hypothetical protein
Smp_009030	-1	1.18E-90	ribonucleoside diphosphate reductase large
Smp_054770	-1	1.32E-11	hypothetical protein