

**Table G: D0<D2<D4>D6**

Gene Title	Gene Identifier	D2/D0	D4/D0	D6/D0	P
3'-phosphoadenosine 5'-phosphosulfate synthase 2 (Papss2), mRNA	BF786072	6.24	9.96	4.08	0.008
Ajuba, mRNA (cDNA clone MGC:13721 IMAGE:4187633)	NM_010590	1.31	2.02	1.8	0.001
Alcohol dehydrogenase 1 (class I), mRNA (cDNA clone MGC:18885 IMAGE:4238555)	BC013477	1.01	1.06	-2.08	0.001
angiotensin receptor-like 1	BB483357	1.3	2.42	2.23	0.001
Ankyrin repeat domain 6 (Ankrd6), transcript variant 2, mRNA	BM225135	2.41	4.69	4.37	0.001
ATPase, H <sup>+</sup> transporting, lysosomal V1 subunit G2, mRNA (cDNA clone MGC:28983 IMAGE:4505711)	BC020190	1.17	2	1.48	0.003
Avian erythroblastosis virus E-26 (v-ets) oncogene related (Erg), mRNA	AV329219	1.63	2.61	2.58	0.005
Carboxypeptidase N, polypeptide 2, mRNA (cDNA clone IMAGE:5135502)	BC025836	1.56	2.99	1.83	0.008
CB1 cannabinoid receptor (Cnr1)	BQ177934	1.25	2.07	1.39	0.001
CDNA fis, clone TRACH3037696	BB762627	1.32	2.18	1.35	0.001
Complexin 1, mRNA (cDNA clone MGC:25327 IMAGE:4527117)	BC014803	1.77	2.52	2.08	0.009
C-type lectin domain family 12, member B (Clec12b), mRNA	AK016908	1.06	5.08	1.56	0.008
D-aspartate oxidase (Ddo), mRNA	BB021589	1.35	2.22	1.48	0.001
Delta/notch-like EGF-related receptor (Dner), mRNA	AF370126	1.21	2.06	1.23	0.001
Dickkopf-like 1, mRNA (cDNA clone MGC:7472 IMAGE:3490482)	NM_015789	2.92	6.19	3.81	0.003
embryonal Fyn-associated substrate	BB168690	1.2	2.06	1.85	0.001
Eph receptor A5 (Epha5), mRNA	BE951744	1.86	6.76	3.67	0.004
Eph receptor A7, mRNA (cDNA clone MGC:14056 IMAGE:3991628)	BC026153	1.17	2.22	1.15	0.001
ESTs	BB354954	5.21	6	3.38	0.004
ESTs	C87349	2.57	6.33	4.03	0.009
ESTs	BB318702	1.23	2.64	1.97	0.001
ESTs	BB391156	1.63	2.65	1.81	0.005

ESTs, Weakly similar to GNMSLL retrovirus-related reverse transcriptase homolog - mouse retrotransposon (M.musculus) expressed sequence AI876438	AI506532	1.36	2.33	1.7	0.007
expressed sequence C80278	BB039510	1.1	2.26	1.25	0.001
fibromodulin	BG066770	1.78	6.03	1.2	0.001
Fibromodulin (Fmod), mRNA	BB235530	1.17	2.77	1.86	0.009
Fibronectin type 3 and SPRY domain-containing protein (Fsd1), mRNA	BB532202	1.18	2.42	1.18	0.001
Forkhead box M1, mRNA (cDNA clone IMAGE:3589714)	BQ175318	1.54	3.45	1.98	0.005
Fucosyltransferase 4 (Fut4), mRNA	BB398835	2.48	6.06	0.73	0.004
G protein-coupled receptor 116 (Gpr116), mRNA	AV309809	1	1.01	0.46	0.001
Ganglioside-induced differentiation-associated-protein 1 (Gdap1), mRNA	AW547876	1.19	2.08	1.65	0.001
Glutamate receptor, ionotropic, kainate 2 (beta 2) (Grik2), transcript variant 2, mRNA	AU017649	1.42	2.25	1.8	0.001
Glycoprotein m6a (Gpm6a), mRNA	BB355480	2.69	6.84	5.97	0.009
Guanylate binding protein 1 (Gbp1), mRNA	BB348674	1.38	3.23	2.4	0.001
High mobility group box transcription factor 1 (Hbp1), transcript variant 1, mRNA	NM_010259	1.43	2.11	2.02	0.005
Inhibitor of DNA binding 4 (Id4), mRNA	BB399042	1.01	1.1	-2	0.004
Kelch-like 4 (Drosophila), mRNA (cDNA clone MGC:176212 IMAGE:9055863)	AI323288	1.52	1.67	-2.38	0.008
Keratin associated protein 2-4, mRNA (cDNA clone MGC:157549 IMAGE:40135467)	BB037068	1.46	2.14	1.48	0.001
Kinectin 1 (Ktn1), mRNA	AK017442	4.53	8.28	6.57	0.006
Kinesin light chain 3 (Klc3), mRNA	AW538151	2.48	4.35	-1.54	0.005
Lipase, family member M, mRNA (cDNA clone MGC:25790 IMAGE:4020396)	BC017147	2.01	2.86	2.66	0.004
Lipocalin 8 (Lcn8), mRNA	BB151055	1.48	2.62	2.54	0.005
	NM_033145	2.33	2.46	1.77	0.004

MacroH2A2	AW547431	2.07	2.28	2.08	0.002
MAP Kinase Kinase	BB540608	3.07	3.4	1.77	0.001
MKIAA1613 protein	AI429745	1.19	2.33	1.95	0.005
MKIAA4170 protein	BB196537	3.42	9.81	6.38	0.003
Multimerin 1, mRNA (cDNA clone MGC:178345 IMAGE:9053337)	BB035005	1.42	2.1	1.42	0.001
Multimerin 2 (Mmrn2), mRNA	AV319507	1.34	2.28	1.89	0.001
Myc target 1 (Myct1), mRNA	AI642973	1.85	3.33	1.79	0.001
Netrin 1, mRNA (cDNA clone IMAGE:4952261)	NM_008744	3.37	3.73	2.89	0.005
Neurensin 1 (Nrsn1), mRNA	NM_009513	1.41	2.39	1.7	0.001
Neuron specific gene family member 2, mRNA (cDNA clone MGC:25346 IMAGE:4527900)	NM_008741	1.18	2.05	1.54	0.001
Neuropeptide Y receptor Y5 (Npy5r), mRNA	NM_016708	2.38	3.16	2.56	0.007
Period homolog 3 (Drosophila) (Per3), mRNA	AW553065	2.26	2.36	1.06	0.001
POU domain, class 3, transcription factor 1 (Pou3f1), mRNA	BG065255	2.05	4.93	4.57	0.001
proteasome (prosome, macropain) subunit, alpha type 1	AV101011	2.09	2.32	1.89	0.001
Protocadherin alpha 7 (Pcdha7), mRNA	AW146252	1.34	2.34	1.49	0.001
Reelin (Reln), mRNA	NM_011261	1.3	2.03	1.57	0.001
Regulating synaptic membrane exocytosis 1 (Rims1), transcript variant 4, mRNA	BQ044278	1.29	2.01	1.71	0.001
RIKEN cDNA 1700007F22 gene	BE456717	1.04	3.23	3.21	0.004
RIKEN cDNA 2410003J06 gene (2410003J06Rik), transcript variant 1, mRNA	AK010362	2.1	9.83	5.13	0.001
RIKEN cDNA 4930550C14 gene (4930550C14Rik), mRNA	AK016083	2.68	9.32	1.48	0.002
RIKEN cDNA 4933434I06 gene (4933434I06Rik), mRNA	AK017056	1.01	1.21	-2.94	0.004
RIKEN cDNA A630033E08 gene (A630033E08Rik), transcript variant 1, mRNA	BB788678	1.72	2.16	1.5	0.007
RIKEN cDNA A730017C20 gene, mRNA (cDNA clone MGC:100035 IMAGE:30550997)	BB247038	1.39	2.1	1.36	0.003
RIKEN cDNA D630039A03 gene, mRNA (cDNA clone MGC:31685	AV370040	1	1.13	-2.33	0.001

IMAGE:4911378)					
RNA-binding protein mHuC-S	AV334527	4.02	4.21	2.91	0.001
Sal-like 2 (Drosophila) (Sall2), mRNA	NM_015772	1.32	2.09	1.94	0.001
Seminal vesicle antigen-like 1 (Sval1), mRNA	NM_027832	1.05	1.08	-2.13	0.001
SET and MYND domain containing 4 (Smyd4), mRNA	BB021163	1.41	2.18	1.5	0.001
SH3-domain GRB2-like (endophilin) interacting protein 1 (Sgip1), mRNA	AV344708	1.5	2.34	2.1	0.002
Solute carrier family 5 (sodium-dependent vitamin transporter), member 6, mRNA (cDNA clone MGC:143850 IMAGE:40094012)	BF450030	1.1	1.15	-2.13	0.001
Solute carrier family 6 (neurotransmitter transporter, serotonin), member 4 (Slc6a4), mRNA	NM_010484	1.22	1.46	-3.03	0.001
Src homology 2 domain-containing transforming protein C2 (Shc2), mRNA	BE985684	3.8	4	3.62	0.004
Synaptic cell adhesion molecule 1	NM_018770	1.28	2.01	1.76	0.001
Transcribed locus	AK004399	1.26	2.06	1.57	0.001
Transcribed locus	AK015734	1.6	3.8	2.06	0.001
Transcribed locus	BB077224	1.95	2.2	1.99	0.005
Transcribed locus	BQ176485	1.51	2.29	1.33	0.009
Transcribed locus	BB073503	1.03	2.9	1.74	0.006
Transcribed locus	BF463223	6.83	9.28	6.84	0.003
Transcribed locus	BG071979	3.04	6.25	2.86	0.002
Transcribed locus	BB383239	2.14	3.19	1.74	0.008
Transcribed locus	BM937727	1.19	2.02	1.57	0.001
Transcribed locus	BB107526	1.07	1.63	-2.13	0.001
Transcribed locus	BE687029	2.34	2.35	2.28	0.001
Transcribed locus	BB495006	1.4	2.11	1.61	0.001
Transcribed locus, moderately similar to XP_001064867.1 PREDICTED: hypothetical protein [Rattus norvegicus]	AV278869	5.22	7.5	6.48	0.009
Transcribed locus, strongly similar to XP_001479260.1 PREDICTED:	AV260466	1.7	6.03	-1.01	0.001

hypothetical protein LOC73951 [Mus musculus]					
Transcribed locus, strongly similar to XP_995934.1 PREDICTED: hypothetical protein LOC76516 [Mus musculus]	AI427073	1.15	1.16	-2.22	0.008
Transmembrane protein 130, mRNA (cDNA clone MGC:157450 IMAGE:40093666)	AV173792	1.05	2	1.13	0.002
Uroplakin 3B, mRNA (cDNA clone MGC:169366 IMAGE:8860761)	BQ084786	1.75	5.03	3.22	0.005
Voltage-gated sodium channel mRNA	BB452990	1.41	2.11	1.9	0.001

**(-) represents fold down regulation from day 0 control.**