

Table D: D0>D2>D4>D6

Gene Title	Gene Identifier	D2/D0	D4/D0	D6/D0	P
4-aminobutyrate aminotransferase, mRNA (cDNA clone IMAGE:30532686)	BF462185	-1.01	-1.03	-2.13	0.001
5' nucleotidase, ecto (Nt5e), mRNA	NM_011851	-1.47	-1.64	-2.13	0.003
A kinase (PRKA) anchor protein (yotiao) 9 (Akap9), mRNA	C79026	-2.22	-3.7	-4.35	0.003
ABO blood group (transferase A, alpha 1-3-N-acetylgalactosaminyltransferase, transferase B, alpha 1-3-galactosyltransferase)	NM_030718	-1.09	-1.39	-2.13	0.001
Actin-binding LIM protein 1, mRNA (cDNA clone IMAGE:5323557)	AK011936	-1.59	-2	-2.17	0.001
Activin A receptor, type IC, mRNA (cDNA clone IMAGE:1196242)	BB432539	-1.54	-1.72	-2.27	0.001
Adducin 3 (gamma), mRNA (cDNA clone MGC:46880 IMAGE:4506748)	BI410363	-1.3	-1.67	-2.04	0.001
ADP-ribosylation factor guanine nucleotide-exchange factor 2 (brefeldin A-inhibited), mRNA (cDNA clone MGC:189963 IMAGE:90881)	BB242531	-1.43	-1.54	-9.09	0.006
Aldehyde dehydrogenase 2, mitochondrial, mRNA (cDNA clone MGC:6764 IMAGE:3600875)	BB513627	-1.69	-1.89	-3.23	0.001
Amiloride binding protein 1 (amine oxidase, copper-containing) (Abp1), mRNA	BC021880	-1.02	-1.09	-2.27	0.001
Ankyrin 3, epithelial (Ank3), transcript variant 2, mRNA	BC021657	-1.06	-1.39	-2	0.001
Aquaporin 4, mRNA (cDNA clone MGC:37514 IMAGE:4985265)	U48399	-2.08	-2.44	-2.5	0.002
Aquaporin 8, mRNA (cDNA clone MGC:13894 IMAGE:4224850)	NM_007474	-1.33	-2.17	-2.33	0.002
ATPase, Ca ⁺⁺ transporting, ubiquitous, mRNA (cDNA clone MGC:13968 IMAGE:4191458)	NM_016745	-1.1	-2.04	-2.33	0.001
ATP-binding cassette, sub-family C (CFTR/MRP), member 6 (Abcc6), mRNA	NM_018795	-1.06	-1.32	-2.44	0.006
AVL9 homolog (<i>S. cerevisiae</i>), mRNA (cDNA clone MGC:143982 IMAGE:40095961)	BB815600	-1.19	-1.82	-2.04	0.001

Calcineurin binding protein 1, mRNA (cDNA clone MGC:183736 IMAGE:9087736)	BG071186	-1.05	-2.56	-4.55	0.007
Calcium/calmodulin-dependent protein kinase ID, mRNA (cDNA clone IMAGE:5052777)	BG071931	-1.47	-2.5	-3.13	0.001
Calmin (Clmn), transcript variant 1, mRNA	BE980727	-1.09	-1.89	-3.03	0.003
Carbamoyl-phosphate synthetase 1 (Cps1), nuclear gene encoding mitochondrial protein, mRNA	AV239350	-1.43	-1.59	-4.17	0.003
Carcinoembryonic antigen-related cell adhesion molecule 10, mRNA (cDNA clone MGC:6052 IMAGE:3481822)	NM_007675	-1.01	-1.43	-2.17	0.001
Casitas B-lineage lymphoma (Cbl), mRNA	NM_007619	-1.52	-2.78	-2.86	0.001
CDNA clone IMAGE:40087485	BB125269	-1.15	-1.32	-2.08	0.001
CDNA clone IMAGE:40099060	AI594683	-1.33	-1.56	-2.38	0.008
CDNA clone IMAGE:40109782	BB305930	-1.37	-1.79	-2.7	0.001
CDNA fis, clone TRACH2014284, highly similar to MEPRIN A ALPHA-SUBUNIT PRECURSOR (EC 3.4.24.18)	AI098089	-1.25	-2.22	-2.33	0.001
Centrosomal protein 57 (Cep57), mRNA	AW457682	-1.59	-2	-2.22	0.001
Chloride channel calcium activated 3, mRNA (cDNA clone MGC:13795 IMAGE:4217548)	AV373372	-1.15	-2	-2.94	0.002
Chromodomain helicase DNA binding protein 7, mRNA (cDNA clone IMAGE:4007312)	BB127276	-1.89	-2.33	-2.86	0.002
Cyclin D2 (Cend2), mRNA	NM_009829	-1.23	-1.49	-2.27	0.002
Cyclophilin-related protein	BB317504	-1.56	-2.86	-4	0.001
Cystic fibrosis transmembrane conductance regulator homolog (Cfr), mRNA	X72693	-1.37	-2.56	-2.56	0.001
Cytochrome c oxidase, subunit VIIa 1 (Cox7a1), mRNA	AF037370	-1.18	-1.27	-2.38	0.001
Cytochrome P450, family 2, subfamily d, polypeptide 13, mRNA (cDNA clone IMAGE:4194968)	BC018344	-1.1	-1.25	-2.63	0.002
Cytochrome P450, family 2, subfamily s, polypeptide 1, mRNA (cDNA clone IMAGE:4165737)	AK004699	-1.08	-1.18	-2	0.001

Cytoplasmic FMR1 interacting protein 1, mRNA (cDNA clone IMAGE:3486930)	AW121530	-1.16	-2.94	-7.69	0.003
DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26B, mRNA (cDNA clone IMAGE:4016860)	BM239943	-1.45	-2.17	-2.78	0.007
Deiodinase, iodothyronine, type I, mRNA (cDNA clone IMAGE:5098167)	NM_007860	-1.02	-1.39	-2.5	0.001
DNA segment, Chr 3, ERATO Doi 254, expressed (D3Ertd254e), mRNA	AU067741	-1.33	-2.08	-2.33	0.001
DNA segment, Chr 3, ERATO Doi 751, expressed (D3Ertd751e), transcript variant 1, mRNA	AK012700	-1.45	-2.33	-2.5	0.001
DNA segment, Chr 6, Miriam Meisler 5, expressed (D6Mm5e), mRNA	NM_033079	-1.22	-2.44	-4.17	0.003
DnaJ (Hsp40) homolog, subfamily C, member 5 gamma, mRNA (cDNA clone MGC:107182 IMAGE:6774833)	BB667162	-1.45	-2.56	-3.57	0.009
Dopa decarboxylase (Ddc), mRNA	AF071068	-1.22	-1.25	-2.33	0.001
Dopey family member 1, mRNA (cDNA clone IMAGE:5028632)	BB536138	-1.56	-2.94	-2.94	0.007
ELOVL family member 7, elongation of long chain fatty acids (yeast) (Elovl7), mRNA	BC005602	-1.52	-2.13	-2.63	0.001
Erythrocyte protein band 4.1-like 1, mRNA (cDNA clone MGC:36001 IMAGE:4954660)	NM_013510	-1.22	-1.23	-3.57	0.001
Ese2 protein	AI326108	-1.52	-1.75	-2	0.002
ESTs	AI507322	-1.27	-1.32	-2.08	0.004
ESTs	BG071183	-1.32	-1.41	-2.38	0.002
ESTs	AI426376	-1.43	-1.92	-2	0.001
ESTs	BM206269	-1.39	-1.96	-2.38	0.007
ESTs	AV239969	-1.27	-1.61	-3.33	0.001
ESTs	BB481523	-1.56	-2.22	-2.33	0.006
ESTs	BB535418	-1.82	-2.33	-3.33	0.001
ESTs	BE692322	-1.25	-3.45	-5	0.008

ESTs	BG069908	-1.3	-3.85	-4.35	0.001
ESTs	BB245373	-1.69	-4.55	-4.55	0.001
ESTs	BG066335	-1.49	-5.26	-6.67	0.006
expressed sequence AA517631	AA511281	-1.41	-4.17	-5.26	0.005
expressed sequence C85328	BG067157	-1.06	-1.23	-2.86	0.001
Family with sequence similarity 134, member B, mRNA (cDNA clone MGC:28735 IMAGE:4460992)	NM_025459	1	-1.35	-2.27	0.001
Fatty acid desaturase (Scd3)	BG060909	-1.39	-1.96	-2.13	0.001
F-box protein 32, mRNA (cDNA clone MGC:25730 IMAGE:3981597)	AF441120	-1.43	-1.82	-2.22	0.002
FGFR1 oncogene partner 2, mRNA (cDNA clone MGC:25495 IMAGE:4504364)	AB041650	-1.75	-2.7	-2.94	0.001
Forkhead box A2 (Foxa2), mRNA	NM_010446	-1.15	-1.37	-2.56	0.001
Forkhead box P1 (Foxp1), mRNA	BB554776	-1.67	-1.96	-2.44	0.001
Four and a half LIM domains 1, mRNA (cDNA clone MGC:32284 IMAGE:5012394)	BF466856	-1.45	-1.56	-2.63	0.001
FXYD domain-containing ion transport regulator 4 (Fxyd4), mRNA	NM_033648	-1.14	-1.15	-3.33	0.009
Gamma-glutamyl hydrolase, mRNA (cDNA clone MGC:13786 IMAGE:4223953)	NM_010281	-1.19	-1.27	-2	0.003
Gap junction protein, beta 1, mRNA (cDNA clone MGC:6217 IMAGE:3483365)	BC026833	-1.16	-1.82	-2.33	0.001
Golgi autoantigen, golgin subfamily a, 1, mRNA (cDNA clone IMAGE:4503915)	BC024637	-1.28	-1.49	-2.17	0.004
Hedgehog-interacting protein (Hhip), mRNA	BB088162	-1.47	-1.59	-3.57	0.001
histone cluster 1, H4j	AK010085	-1.25	-1.56	-2.08	0.001
HNF1 homeobox B, mRNA (cDNA clone MGC:32464 IMAGE:5044299)	AB008174	-1.18	-1.56	-2.04	0.001
Inter-alpha (globulin) inhibitor H5, mRNA (cDNA clone MGC:70205 IMAGE:3490706)	AI317339	-1.28	-1.85	-3.57	0.001

Interferon regulatory factor 3 (Irf3), mRNA	BB668007	-2.04	-2.27	-2.38	0.002
Junction-mediating and regulatory protein, mRNA (cDNA clone IMAGE:3991085)	BC020052	-1.39	-3.13	-8.33	0.007
Kelch-like 24 (Drosophila) (Klhl24), mRNA	BB328076	-1.49	-1.49	-2.33	0.001
Kruppel-like factor 12 (Klf12), mRNA	BM249597	-2	-2.13	-2.63	0.001
Lacrimal androgen-binding protein delta (Abpd)	AF272844	-1.39	-3.13	-6.25	0.003
LanC lantibiotic synthetase component C-like 3 (bacterial), mRNA (cDNA clone IMAGE:40060880)	BB811311	-1.06	-3.45	-3.57	0.004
Leucine-rich and immunoglobulin-like domains 3 (Lrig3)	BB524113	-1.02	-1.18	-2.04	0.001
Lipolysis stimulated lipoprotein receptor, mRNA (cDNA clone MGC:7815 IMAGE:3500090)	BC004672	-1.3	-1.33	-2.22	0.001
Mannoside acetylglucosaminyltransferase 3 (Mgat3), mRNA	NM_010795	-1.11	-2.04	-2.22	0.001
Metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA), mRNA (cDNA clone IMAGE:3582796)	BF537798	-2.13	-4.35	-5.56	0.004
Methyltransferase like 7A, mRNA (cDNA clone IMAGE:4235088)	NM_027334	-1.37	-1.82	-2.86	0.001
Microtubule-associated protein 7 (Mtap7), mRNA	AK008018	-1.52	-2.08	-2.38	0.001
Mitochondrial ribosomal protein L51, mRNA (cDNA clone MGC:35735 IMAGE:5344672)	AI594880	-1.49	-2.17	-2.27	0.001
Mitochondrial ribosomal protein S6 (Mrps6), nuclear gene encoding mitochondrial protein, mRNA	AV245536	-1.32	-1.75	-2.04	0.001
Neuralized homolog 3 homolog (Drosophila) (Neur13), mRNA	AW610818	-1.3	-2.17	-2.78	0.001
Neurotrimin, mRNA (cDNA clone MGC:30504 IMAGE:4480983)	AF282980	-3.33	-3.33	-4.35	0.006
Nuclear receptor subfamily 5, group A, member 2 (Nr5a2), mRNA	NM_030676	-1.43	-1.96	-2.7	0.001
Odd Oz/ten-m homolog 4 (Drosophila) (Odz4), mRNA	BG071076	-1.82	-1.96	-2.63	0.001
Ovo-like 2 (Drosophila) (Ovol2), transcript variant B, mRNA	NM_026924	-1.18	-1.28	-2.08	0.001
Peptidase M20 domain containing 1, mRNA (cDNA clone IMAGE:5124369)	BC025830	-1.06	-1.14	-3.45	0.001
Peroxiredoxin 6, mRNA (cDNA clone MGC:19131 IMAGE:4215591)	AW319648	-1.61	-2.17	-3.13	0.002

Peroxisome proliferative activated receptor, gamma, coactivator 1 alpha (Ppargc1a), mRNA	BB745167	-1.64	-2.86	-5.56	0.001
Peroxisome proliferator activated receptor alpha, mRNA (cDNA clone MGC:18607 IMAGE:4222384)	AV282267	-1.18	-1.82	-2.17	0.001
PH domain and leucine rich repeat protein phosphatase-like (Phlpp1), mRNA	AW542144	-1.25	-1.33	-2	0.003
Phenazine biosynthesis-like protein domain containing (Pbld), mRNA	BC019997	-1.18	-1.3	-3.13	0.007
Phosphodiesterase 4D interacting protein (myomegalin), mRNA (cDNA clone IMAGE:4954590)	AI639670	-1.19	-1.85	-2.22	0.001
Phosphoenolpyruvate carboxykinase 1, cytosolic, mRNA (cDNA clone MGC:46881 IMAGE:4973187)	AW106963	-1.11	-1.39	-3.33	0.001
Phosphomannomutase 2, mRNA (cDNA clone IMAGE:5352533)	BB709170	-1.72	-3.33	-4.17	0.001
PREDICTED: Mus musculus hypothetical protein LOC100039892 (LOC100039892), mRNA	BM196962	-1.37	-1.49	-2.04	0.001
PREDICTED: Mus musculus predicted gene, EG664949 (EG664949), misc RNA	BG071399	-1.56	-1.72	-2.5	0.006
PREDICTED: Mus musculus RIKEN cDNA 5430427M07 gene (5430427M07Rik), mRNA	AK017349	-1.28	-2.56	-4	0.001
Prostaglandin E receptor 4 (subtype EP4), mRNA (cDNA clone MGC:18490 IMAGE:4037704)	NM_008965	-1.59	-1.72	-2.08	0.001
Protein geranylgeranyltransferase type I, beta subunit, mRNA (cDNA clone MGC:175982 IMAGE:9055633)	BI107300	-1.33	-1.75	-2.27	0.001
Protein kinase C, zeta (Prkcz), transcript variant 1, mRNA	BB430502	-1.02	-1.2	-2.04	0.001
Protein kinase, cAMP dependent, catalytic, beta (Prkacb), mRNA	AV024339	-1.25	-1.56	-2.08	0.001
RAB4B, member RAS oncogene family (Rab4b), mRNA	NM_019394	-1.16	-1.23	-3.57	0.001
Receptor (calcitonin) activity modifying protein 2 (Ramp2), mRNA	AF146523	-2.38	-4	-4.76	0.001
Regenerating islet-derived family, member 4, mRNA (cDNA clone MGC:28598 IMAGE:4216795)	NM_026328	-1.11	-1.25	-4.55	0.001
Regulator of G-protein signaling 17 (Rgs17), mRNA	NM_019958	-1.33	-1.89	-2.56	0.001

Replication initiator 1 (Repin1), transcript variant 1, mRNA	BE986062	-1.28	-2.78	-5.56	0.003
Rho-guanine nucleotide exchange factor (Rgnef), mRNA	BG069493	-1.67	-2.27	-3.57	0.001
Rhomboid, veinlet-like 2 (Drosophila), mRNA (cDNA clone IMAGE:40100896)	BM120331	-1.25	-1.39	-2.04	0.001
RIKEN cDNA 1700016K19 gene (1700016K19Rik), mRNA	AV260052	-1.28	-1.49	-3.33	0.005
RIKEN cDNA 2010110P09 gene (2010110P09Rik), mRNA	AK008392	-1.37	-1.96	-2.27	0.001
RNA binding motif protein 5 (Rbm5), mRNA	BE446879	-1.39	-2	-2.13	0.001
Small nuclear ribonucleoprotein 70 (U1), mRNA (cDNA clone IMAGE:3486572)	BI689977	-1.56	-2.44	-2.63	0.001
Solute carrier family 12, member 2 (Slc12a2), mRNA	BG069505	-1.32	-1.69	-2.17	0.001
Solute carrier family 15 (oligopeptide transporter), member 1 (Slc15a1), mRNA	NM_053079	1	-1.45	-2.44	0.006
Solute carrier family 26 (sulfate transporter), member 2, mRNA (cDNA clone MGC:14061 IMAGE:4014785)	NM_007885	-1.2	-2.08	-2.78	0.001
Solute carrier family 26, member 3, mRNA (cDNA clone IMAGE:4989186)	BC022639	-1.05	-1.75	-2.78	0.001
Solute carrier family 34 (sodium phosphate), member 2 (Slc34a2), mRNA	NM_011402	-1.69	-2.04	-2.17	0.001
Solute carrier family 37 (glycerol-3-phosphate transporter), member 2, mRNA (cDNA clone IMAGE:4913507)	BC022752	-1.39	-1.56	-4.35	0.001
Solute carrier family 4 (anion exchanger), member 4, mRNA (cDNA clone IMAGE:4973987)	BE655147	-1.3	-2.13	-2.13	0.002
Special AT-rich sequence binding protein 2 (Satb2), mRNA	AF319623	-1.05	-1.69	-2.08	0.001
Spermatid perinuclear RNA binding protein, mRNA (cDNA clone MGC:25337 IMAGE:4502840)	BB296225	-1.25	-1.92	-3.45	0.001
splicing factor, arginine/serine-rich 8	BC025219	-1.39	-2.04	-2.08	0.001
Sprouty-related, EVH1 domain containing 2, mRNA (cDNA clone IMAGE:4946146)	BB133520	-1.52	-2.86	-2.94	0.001
ST3 beta-galactoside alpha-2,3-sialyltransferase 4, mRNA (cDNA clone MGC:6096 IMAGE:3497996)	AB061305	-1.2	-1.52	-2.13	0.007

ST3 beta-galactoside alpha-2,3-sialyltransferase 6, mRNA (cDNA clone IMAGE:1329116)	NM_018784	-1.25	-1.39	-3.23	0.001
ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 2	BC010208	-1.09	-1.23	-2.13	0.001
Sulfotransferase family, cytosolic, 1C, member 2, mRNA (cDNA clone MGC:31323 IMAGE:4223678)	NM_026935	-1.01	-1.05	-2	0.001
Synaptic nuclear envelope 1 (Syne1), transcript variant 1, mRNA	NM_022027	-1.64	-1.72	-3.13	0.001
Syncollin (Syncn), mRNA	BC019567	1	-1.12	-3.33	0.001
TATA box binding protein (Tbp)-associated factor, RNA polymerase I, D (Taf1d), transcript variant 2, mRNA	AV167760	-1.45	-2.08	-2.17	0.006
Testis-specific expressed protein 2	BF018978	-1.59	-1.75	-5.88	0.002
Transcribed locus	AK017575	-1.56	-1.69	-3.33	0.001
Transcribed locus	AW910499	-1.35	-1.52	-2.5	0.001
Transcribed locus	AV174556	-1.33	-2.27	-2.94	0.001
Transcribed locus	BB475442	-1.79	-4.55	-7.14	0.003
Transcribed locus	BI465649	-1.69	-1.89	-4.17	0.001
Transcribed locus	BB476118	-1.67	-3.57	-5	0.002
Transcribed locus	BB703414	-1.12	-1.3	-2.27	0.001
Transcribed locus	BB202278	-1.15	-1.45	-4	0.002
Transcribed locus	BG075346	-1.22	-1.41	-2.27	0.002
Transcribed locus	BF465664	-1.59	-2.86	-3.85	0.001
Transcribed locus	BB153741	-1.52	-1.82	-5.88	0.002
Transcribed locus, moderately similar to NP_058796.1 polo-like kinase 1 [Rattus norvegicus]	BG966688	-1.04	-1.13	-2.22	0.001
Transcribed locus, moderately similar to XP_001064981.1 PREDICTED: similar to ribonuclease/angiogenin inhibitor 1 [Rattus nor]	BB704012	-1.03	-1.67	-3.23	0.001
Transcribed locus, strongly similar to XP_001472420.1 PREDICTED: hypothetical protein [Mus musculus]	AK014661	-1.22	-1.72	-2.17	0.003

Transcribed locus, strongly similar to XP_484566.1 PREDICTED: hypothetical protein LOC69699 [Mus musculus]	AK010217	-2.5	3.33	-5.56	0.001
Transcribed locus, strongly similar to XP_620545.1 PREDICTED: hypothetical protein LOC77700 [Mus musculus]	AI506672	-1.2	-1.22	-2.44	0.001
Transcription factor 25 (basic helix-loop-helix), mRNA (cDNA clone MGC:36794 IMAGE:3498003)	BE988778	-1.45	-2.17	-2.17	0.001
Transcription factor 3 (Tcf3), transcript variant 2, mRNA	NM_009332	1	-1.01	-2.08	0.001
Transglutaminase 3, E polypeptide (Tgm3), mRNA	AI893889	-1.25	-1.35	-3.57	0.002
Transient receptor potential cation channel, subfamily M, member 6 (Trpm6), mRNA	BM213868	-1.59	-1.75	-3.7	0.001
Transthyretin, mRNA (cDNA clone MGC:18651 IMAGE:4192268)	BC024702	-1.52	-1.59	-6.25	0.001
Tripartite motif-containing 2 (Trim2), mRNA	BB283676	-1.28	-2	-2.38	0.001
Tripartite motif-containing 24, mRNA (cDNA clone IMAGE:5150949)	BB325847	-1.41	-1.96	-2.33	0.002
Troponin I, skeletal, slow 1, mRNA (cDNA clone MGC:35867 IMAGE:4949804)	NM_021467	-1.06	-1.19	-2.94	0.001
Ubiquitin specific peptidase 50 (Usp50), mRNA	BB215201	-1.16	-1.61	-2.38	0.001
UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylgalactosaminyltransferase 7 (Galnt7), mRNA	AF349573	-1.04	-1.89	-2	0.001
WNK lysine deficient protein kinase 1, mRNA (cDNA clone IMAGE:5371931)	BI692255	-1.96	-3.13	-3.45	0.001
Xenotropic and polytropic retrovirus receptor 1, mRNA (cDNA clone IMAGE:4506466)	AF131102	-1.43	-2.26	-2.7	0.001
Yip1 domain family, member 1 (Yipf1), mRNA	AV337352	-1.32	-2.17	-3.13	0.008
Zinc finger and BTB domain containing 7a (Zbtb7a), mRNA	NM_010731	-1.69	-3.33	-4.17	0.001
Zinc finger protein 292, mRNA (cDNA clone IMAGE:3493868)	AK017652	-1.39	-2.32	-2.44	0.002
Zinc finger protein 704 (Zfp704), mRNA	AW413620	-1.92	-3.13	-6.25	0.001
Zinc finger protein 775, mRNA (cDNA clone MGC:176184 IMAGE:9055835)	BB667577	-1.23	-1.3	-2.08	0.001

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