

Table F: D0>D2<D4>D6

Gene Title	Gene Identifier	D2/D0	D4/D0	D6/D0	P
5 hydroxytryptamine (serotonin) receptor 4 (Htr4), mRNA	BB431008	-1.28	-1.27	-3.03	0.001
Achaete-scute complex homolog 2 (Drosophila), mRNA (cDNA clone MGC:28478 IMAGE:4163833)	AK010738	-2.17	-1.35	-2.44	0.001
Acid phosphatase-like 2 (Acpl2), mRNA	BB183525	-1.15	-1.04	-2.04	0.001
Adaptor-related protein complex 2, beta 1 subunit (Ap2b1), transcript variant 2, mRNA	AW493372	-1.96	1.45	-2.27	0.004
Annexin A1, mRNA (cDNA clone MGC:8074 IMAGE:3587973)	BE331865	-6.25	-5.26	-7.69	0.005
Anterior gradient homolog 3 (Xenopus laevis), mRNA (cDNA clone MGC:32220 IMAGE:5008294)	BC023499	-1.16	1	-5.88	0.001
Axin2 (Axin2), mRNA	BB398993	-2.08	-1.69	-1.89	0.001
Bestrophin 2, mRNA (cDNA clone MGC:37437 IMAGE:4982413)	BC019528	-1.18	-1.11	-3.7	0.001
BetaKlotho protein putative polymorphic isoform	NM_031180	-1.33	-1.25	-2.86	0.001
Brain expressed gene 4, mRNA (cDNA clone MGC:116687 IMAGE:30677421)	AK010400	-1.22	-1.02	-2.33	0.001
Clq and tumor necrosis factor related protein 3, mRNA (cDNA clone IMAGE:3989958)	NM_030888	-1.16	1.19	-2.86	0.001
Cadherin-like 26 (Cdh26), mRNA	BB748621	-1.2	-1.18	-2.78	0.003
CAMP phosphodiesterase 7A1	BM245060	-1.11	1.05	-2.04	0.001
Carboxypeptidase M (Cpm), mRNA	AK004327	-1.96	-1.61	-2.94	0.001
Cathepsin E, mRNA (cDNA clone MGC:5924 IMAGE:3601519)	NM_007799	-1.16	1.11	-3.7	0.001
CDNA clone IMAGE:40092312	BB209207	-1.41	-1.02	-2.5	0.001
CDNA sequence BC021891 (BC021891), mRNA	AV370141	-1.25	-1.23	-2.04	0.001
Chemokine (C-C motif) ligand 28 (Ccl28), mRNA	BE196980	-1.23	-1.11	-2.13	0.001
Chloride intracellular channel 6, mRNA (cDNA clone MGC:78011 IMAGE:2648653)	BQ176424	-1.25	-1.03	3.33	0.001
Complement component 4 binding protein, mRNA (cDNA clone	NM_007576	-1.19	-1.16	-2.38	0.001

MGC:18586 IMAGE:4163203)					
Cortactin binding protein 2, mRNA (cDNA clone MGC:176369 IMAGE:9056020)	BB357580	-1.85	-1.3	-3.23	0.001
Cytochrome P450, family 2, subfamily f, polypeptide 2, mRNA (cDNA clone MGC:29973 IMAGE:5123751)	NM_007817	-1.14	1.33	-2.33	0.001
Desert hedgehog (Dhh), mRNA	AV367068	-1.64	2.47	2.21	0.002
Discs, large (Drosophila) homolog-associated protein 1 (Dlgap1), transcript variant 2, mRNA	AK016873	-5	2.37	-1.79	0.001
DNA segment, Chr 3, ERATO Doi 797, expressed	BG070427	-4.17	-1.33	-10	0.007
DNA segment, Chr 4, ERATO Doi 571, expressed	AU022854	-5.56	1	-1.79	0.001
Doublesex and mab-3 related transcription factor 3, mRNA (cDNA clone MGC:62407 IMAGE:6404988)	AV298122	-3.03	1.05	-4	0.002
EST	AA619999	-1.28	1.1	-2.94	0.001
EST X83313	BG065719	-2.7	-2	-2.44	0.002
Estrogen receptor related protein 3 (ERR3)	BM120846	-1.3	-1.01	-2.94	0.001
ESTs	BE952592	-1.96	3.25	2.42	0.006
ESTs	AV264369	-1.47	-1.05	-2.94	0.001
ESTs	AW546720	-1.25	1.03	-4.17	0.002
ESTs	AI504044	-3.33	-1.18	-1.79	0.006
ESTs	AU043163	-2.94	1.96	-1.64	0.007
ESTs	BB177655	-1.96	-1.2	-4.55	0.003
ESTs	BE650280	-2.86	-2.04	-6.25	0.001
ESTs, Weakly similar to GAG2_HUMAN RETROVIRUS-RELATED GAG POLYPROTEIN (H.sapiens)	BG069039	-3.33	1.52	-1.72	0.005
ets variant gene 4 (E1A enhancer binding protein, E1AF)	X63190	-3.33	-2.86	-9.09	0.001
Family with sequence similarity 46, member C, mRNA (cDNA clone IMAGE:5030542)	AK015259	-1.17	-1.14	-2.04	0.008
Family with sequence similarity 55, member B (Fam55b), mRNA	BB451000	-1.37	-1.35	-2.7	0.001
Family with sequence similarity 55, member D, mRNA (cDNA	BB072624	-1.2	-1.19	-4.17	0.001

clone MGC:115749 IMAGE:30693393)					
FERM, RhoGEF and pleckstrin domain protein 2 (Farp2), mRNA	BC009153	-1.39	-1.27	-2.13	0.004
Fibroblast growth factor receptor 3 (Fgfr3), mRNA	NM_008010	-1.01	1.12	-2.22	0.001
Fucosyltransferase 9 (Fut9), mRNA	AU067636	-1.89	-1.79	-11.11	0.001
G protein-coupled receptor, family C, group 5, member B (Gprc5b), mRNA	BC020004	-1.03	2.19	2.1	0.001
Galectin-related inter-fiber protein (Grifin), mRNA	AK021365	-2.22	1.85	1.44	0.006
Glutathione S-transferase, mu 6, mRNA (cDNA clone MGC:19322 IMAGE:4196506)	NM_008184	-1.25	-1.23	-2.63	0.001
Hemicentin 1 (Hmcn1), mRNA	BB024475	-1.41	1.03	-3.03	0.001
Hepsin (Hpn), transcript variant 2, mRNA	NM_008281	-1.15	1.12	-2.08	0.002
Hexosaminidase B (Hexb), mRNA	AV225808	-1.12	1.13	-2.27	0.001
High mobility group AT-hook 2 (Hmga2), mRNA	X58380	-1.43	-1.43	-2.44	0.008
Homeo box B13, mRNA (cDNA clone MGC:18675 IMAGE:4207456)	BC013639	-1.2	-1.12	-4.76	0.001
Hoxa11 locus antisense-59 mRNA	BB550242	-1.15	1.13	-2.63	0.001
hypothetical gene LOC72520	AW215497	-5	-3.03	-5.56	0.003
hypothetical protein LOC215866	BC002257	-4.76	-1.22	-2.94	0.005
Immunoglobulin mu binding protein 2 (Ighmbp2), mRNA	AW259474	-4.17	-2.04	-5.56	0.004
Inter-alpha trypsin inhibitor, heavy chain 2, mRNA (cDNA clone MGC:25336 IMAGE:4211576)	NM_010582	-1.06	-1.04	-6.25	0.001
Interleukin 17 receptor E (Il17re), transcript variant 1, mRNA	BB291414	-1.16	-1.09	-2.13	0.001
Leucine rich repeat containing G protein coupled receptor 5 (Lgr5), mRNA	BB751088	-1.85	-1.59	-2.08	0.001
Liprin-alpha 2 (ppfia2)	AI854225	-3.13	1.3	-1.14	0.006
Major facilitator superfamily domain containing 4 (Mfsd4), transcript variant b, mRNA	AW046689	-1.15	1.06	-2.13	0.001
Mitochondrial trans-2-enoyl-CoA reductase, mRNA (cDNA clone MGC:6611 IMAGE:3488760)	NM_025297	-1.27	-1.16	-2.04	0.001

Mitogen-activated protein kinase 15, mRNA (cDNA clone IMAGE:6309214)	BB235956	-1.54	1.03	-4.17	0.001
Multiple EGF-like-domains 10 (Megf10), mRNA	AK013855	-1.45	2.03	-1.06	0.009
Mus musculus, clone IMAGE:5124369, mRNA, partial cds	BB027848	-1.07	-1.02	-2.86	0.001
Neural precursor cell expressed, developmentally down-regulated gene 10, mRNA (cDNA clone IMAGE:6827030)	AV236080	-1.33	1.12	-2.78	0.001
Neuroglobin, mRNA (cDNA clone MGC:35839 IMAGE:5133442)	NM_022414	-1.32	1.39	-3.23	0.005
Outer dense fiber of sperm tails 3B (Odf3b), mRNA	AI451392	-1.52	-1.15	-3.13	0.001
Oxysterol binding protein-like 6 (Osbp16), mRNA	BG070848	-1.3	-1.14	-2.04	0.001
PDZK1 interacting protein 1, mRNA (cDNA clone MGC:19227 IMAGE:4241868)	BC013542	-1.14	-1.02	-2.04	0.001
Peroxisomal protein (PeP gene)	AW556555	-1.37	-1.11	-2.86	0.001
phosphodiesterase 1C	AK017183	-1.49	2	-3.85	0.005
Piccolo (presynaptic cytomatrix protein) (Pclo), transcript variant 1, mRNA	AW493746	-1.18	3.59	1.41	0.008
PKD2L1 mRNA for polycystic kidney disease 2-like 1	BB332752	-3.33	1.48	1.08	0.005
Poly (A) polymerase alpha (Papola), mRNA	AW556821	-1.41	1	-2.08	0.001
Potassium voltage-gated channel, Isk-related subfamily, gene 3, mRNA (cDNA clone MGC:6717 IMAGE:3586054)	NM_020574	-1.2	-1.16	-2.04	0.001
Predicted gene, OTTMUSG00000015859, mRNA (cDNA clone MGC:163857 IMAGE:40130503)	AI415386	-1.15	-1.02	-2.94	0.001
PREDICTED: Mus musculus hypothetical protein LOC100040862 (LOC100040862), mRNA	BB199157	-1.1	1.16	-2.33	0.001
PREDICTED: Mus musculus RIKEN cDNA 2210039B01 gene (2210039B01Rik), mRNA	AK008780	-1.2	1.2	-2.04	0.006
PREDICTED: Mus musculus RIKEN cDNA 2810433D01 gene (2810433D01Rik), mRNA	BG798172	-1.12	1.21	-3.13	0.009
Proline synthetase co-transcribed (Prosc), transcript variant 1, mRNA	AV340971	-2.17	1.14	1.06	0.001

RasGEF domain family, member 1C (Rasgef1c), mRNA	AK018593	-1.04	3.36	2.05	0.007
Response gene to complement 32	NM_025427	-2.13	-1.61	-1.87	0.001
RIKEN cDNA 1810030J14 gene, mRNA (cDNA clone MGC:35753 IMAGE:4985132)	NM_025470	-1.14	-1.08	-12.5	0.001
RIKEN cDNA 2210023G05 gene, mRNA (cDNA clone IMAGE:1395085)	BC027185	-1.09	-1.04	-2	0.001
RIKEN cDNA 2900012M01 gene	AV153257	-1.25	4.11	3.52	0.002
RIKEN cDNA 3830431G21 gene, mRNA (cDNA clone MGC:169226 IMAGE:8860621)	AV225683	-1.69	-1.16	-5.88	0.001
RIKEN cDNA 4833420L08 gene	AV250076	-3.13	-2.27	-10	0.002
RIKEN cDNA 9130013M11 gene	BB118542	-1.04	1.14	-2.86	0.001
RIKEN cDNA A930039J07 gene	BB283066	-7.14	-3.23	-3.85	0.004
RIKEN cDNA C630004H02 gene, mRNA (cDNA clone MGC:28513 IMAGE:4190480)	BC024617	-1.1	1.06	-2.08	0.001
SA protein (Sah)	AB022340	-1.2	-1.04	-2.63	0.001
Shisa homolog 2 (<i>Xenopus laevis</i>) (Shisa2), mRNA	BC024118	-1.2	-1.12	-2	0.001
Solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1 (Slc1a1), mRNA	AF087578	-1.45	-1.23	-2.33	0.001
Solute carrier family 13 (sodium/sulfate symporters), member 4, mRNA (cDNA clone MGC:99960 IMAGE:30440173)	BB192951	-2.13	4.99	3.35	0.003
Solute carrier family 46, member 1, mRNA (cDNA clone IMAGE:4984454)	AK003278	-1.28	-1.16	-2.33	0.004
Solute carrier family 6 (neurotransmitter transporter), member 20A (Slc6a20a), mRNA	AJ428067	-1.32	-1.09	-2.33	0.001
Spindle assembly 6 homolog (<i>C. elegans</i>) (Sass6), mRNA	AK013338	-7.14	-1.67	-1.79	0.001
Synaptotagmin-like 1 (Sytl1), mRNA	NM_031393	-1.15	-1.08	-3.03	0.001
Tetraspanin 33 (Tspan33), mRNA	BC024685	-1.25	1.04	-2.04	0.001
Thrombospondin 4 (Thbs4), mRNA	NM_011582	-1.03	1.07	-2.22	0.001
Thymosin beta-like (LOC666244), mRNA	BG093687	-4.55	1.97	1.2	0.006

Transcribed locus	BB223880	-2.5	1.1	-4.17	0.006
Transcribed locus	AK016911	-1.02	6.56	4.76	0.001
Transcribed locus	AK012503	-3.57	-2.94	-16.67	0.002
Transcribed locus	AV205672	-2.5	1.62	1.36	0.008
Transcribed locus	AK015805	-2.04	2.39	2.1	0.001
Transcribed locus	BQ176550	-1.2	-1.12	-2.08	0.001
Transcribed locus	BB055532	-2.27	-1.69	-1.96	0.003
Transcribed locus	BM249382	-1.45	-1.19	-3.33	0.001
Transcribed locus	AV260557	-1.16	1.07	-5.56	0.004
Transcribed locus	BG073826	-1.3	2.1	1.68	0.006
Transcribed locus	AW546271	-1.25	-1.18	-5	0.001
Transcribed locus	AI505360	-1.52	-1.15	-3.13	0.001
Transcribed locus	AU040576	-1.41	-1.18	-2.38	0.001
Transcribed locus	BM119753	-1.89	3.45	1.63	0.005
Transcribed locus	AW488544	-2	1.1	-2.22	0.004
Transcribed locus	BB216233	-6.67	-4.76	-7.69	0.001
Transcribed locus	BB364961	-1.32	1.08	-2.13	0.001
Transcribed locus	AV328325	-1.35	2.18	1.21	0.009
Transcribed locus, moderately similar to XP_001477892.1 PREDICTED: hypothetical protein [Mus musculus]	BG862223	-5.26	1.3	-2.63	0.001
Transcribed locus, strongly similar to NP_036065.1 estrogen- related receptor gamma [Mus musculus]	BM120183	-1.01	1.17	-4.35	0.001
Transcribed locus, strongly similar to XP_001477375.1 PREDICTED: hypothetical protein LOC69788 [Mus musculus]	BB298201	-3.23	1.36	1.04	0.004
Transcribed locus, strongly similar to XP_139937.3 PREDICTED: similar to bM573K1.5 (novel Ulp1 protease family member) [Mus m	AV262133	-4.55	1.6	-2.94	0.006
Transcribed locus, strongly similar to XP_418029.1 PREDICTED: hypothetical protein [Gallus gallus]	AV283093	-2	1.09	1.05	0.003

Transcribed locus, weakly similar to NP_001041402.1 hypothetical protein LOC499136 [Rattus norvegicus]	AK007074	-1.15	3.81	1	0.008
Transcribed locus, weakly similar to NP_055701.1 TGF beta-inducible nuclear protein 1 [Homo sapiens]	AK017151	-1.33	1.15	-4.76	0.001
Transmembrane 4 superfamily member 4 (Tm4sf4), mRNA	BC010814	-1.04	2	1.48	0.001
Transmembrane protein 117 (Tmem117), mRNA	BB521146	-1.14	-1.09	-2	0.001
Transmembrane protein 161A (Tmem161a), mRNA	BB050507	-2.27	-1.37	-1.45	0.004
transthyretin	AV152953	-1.52	-1.3	-7.69	0.001
Tubulin polymerization promoting protein (Tppp), mRNA	AK013631	-1.72	-1.59	-3.7	0.001
Tubulin tyrosine ligase-like family, member 6, mRNA (cDNA clone MGC:178686 IMAGE:9053678)	AI429241	-1.33	-1.02	-2.63	0.001
Tubulointerstitial nephritis antigen, mRNA (cDNA clone MGC:18306 IMAGE:4239192)	BC010745	-1.05	1.01	-2.04	0.001
Tumor necrosis factor receptor superfamily, member 17, mRNA (cDNA clone MGC:41134 IMAGE:1349977)	NM_011608	-4	-2	-6.25	0.006
Ubiquitin associated protein 2-like (Ubp2l), transcript variant 2, mRNA	AA833196	-5	-1.39	-2.7	0.005
Ubiquitin specific peptidase 20, mRNA (cDNA clone IMAGE:3672749)	AK006800	-1.18	-1.14	-4	0.008
UDP glucuronosyltransferase 2 family, polypeptide B35, mRNA (cDNA clone MGC:132947 IMAGE:40061872)	AA572504	-1.09	1	-2.17	0.001
UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7 (B3gnt7), mRNA	BF578266	-1.04	1.03	-2.63	0.001
Unc-119 homolog (C. elegans), mRNA (cDNA clone MGC:5721 IMAGE:3484396)	BC001990	-1.09	1.05	-2.04	0.001
Vasoactive intestinal peptide receptor type 1 (Vipr1)	BF224468	-1.11	-1.01	-2.04	0.001
WAP four-disulfide core domain 2 (Wfdc2), mRNA	AF334269	-1.14	-1.05	-3.45	0.001
Y box protein 2 (Ybx2), mRNA	NM_016875	-1.37	1.02	-3.23	0.001
Zinc finger CCCH type, antiviral 1, mRNA (cDNA clone MGC:27750 IMAGE:2651558)	AK013726	-4.17	-2.27	-5.88	0.009

Zinc finger protein Sall1	AB051409	-2.86	-1.85	-4	0.008
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(-) represents fold down regulation from day 0 control.