

## Supplemental Table S2. Cocaine regulation of gene expression in the OFC: Effects of $\Delta$ FosB and $\Delta$ JunD

**Table S2a. Genes Significantly Regulated by Chronic Cocaine**

Probeset ID	Fold regulation	Gene name	Significantly $\Delta$ JunD regulated?
1385684_x_at	2.158	UI-R-DB0-bza-d-02-0-UI.s1 UI-R-DB0 Rattus norvegicus cDNA clone UI-R-DB0-bza-d-02-0-UI 3', mRNA sequence.	Y
1382561_at	2.115	Similar to 4921517L17Rik protein	N
1391268_at	1.991	ADP-ribosyltransferase 5	N
1386750_at	1.911	Transcribed locus, strongly similar to NP_666196.1 expressed sequence AW060714 [Mus musculus]	Y
1381662_at	1.899	Transcribed locus	Y
1377558_at	1.876	Cell division cycle 25 homolog A (S. cerevisiae)	Y
1380880_at	1.693	Transcribed locus	Y
1396766_at	1.656	Carnitine deficiency-associated gene expressed in ventricle 1	Y
1379772_at	1.632	Angiotensin receptor-like 1	Y
1385575_at	1.614	Tyrosinase-related protein 1 (mapped)	N
1370534_at	1.596	activin A receptor, type IC	N
1396326_at	1.577	Programmed cell death protein 11 (predicted)	Y
1394945_at	1.577	Transcribed locus	N
1383503_at	1.569	Transcribed locus	N
1377107_at	1.551	UI-R-CA0-bfs-e-02-0-UI.s1 UI-R-CA0 Rattus norvegicus cDNA clone UI-R-CA0-bfs-e-02-0-UI 3', mRNA sequence.	N
1395406_at	1.548	Sno, strawberry notch homolog 1 (Drosophila)	N
1379149_at	1.548	Transcribed locus	N
1396450_at	1.545	Enabled homolog (Drosophila)	N
1397570_at	1.539	Similar to SET and MYND domain containing 3	N
1390756_at	1.538	Similar to expressed sequence AW121567 (predicted)	N
1395904_at	1.536	Transcribed locus	N
1385021_at	1.528	Transcribed locus, strongly similar to XP_573355.1 PREDICTED: similar to RIKEN cDNA 2810453I06 [Rattus norvegicus]	N
1396362_at	1.522	Transcribed locus, weakly similar to NP_001005358.1 hypothetical protein LOC449000 [Mus musculus]	Y
1381876_at	1.521	Fraser syndrome 1 homolog (human) (predicted)	N
1391231_at	1.519	Cation channel, sperm associated 2	Y
1395976_at	1.515	Similar to phosphoinositol 4-phosphate adaptor protein-2 (predicted)	N
1374959_at	1.499	NAD(P)H dehydrogenase, quinone 2	N
1394722_at	1.486	Mitochondrial ribosomal protein L17	Y
1394746_at	1.485	Hect (homologous to the E6-AP (UBE3A) carboxyl terminus) domain and RCC1 (CHC1)-like domain (RLD) 1 (predicted)	N
1381310_at	1.483	Similar to Actin, aortic smooth muscle (Alpha-actin-2)	N
1384687_at	1.476	Ectodermal-neural cortex 1	N
1398553_at	1.476	Transmembrane emp24 protein transport domain containing 5	N
1370950_at	1.472	Phosphatidic acid phosphatase type 2B	N
1376843_at	1.469	Bone morphogenic protein receptor, type II (serine/threonine kinase)	N
1395336_at	1.469	Transcribed locus, strongly similar to NP_659131.1 hypothetical protein LOC67198 [Mus musculus]	Y
1385101_a_at	1.467	Similar to RIKEN cDNA 0610011N22 gene	N
1377858_at	1.466	PR domain containing 2, with ZNF domain (mapped)	Y
1384528_at	1.465	Retinoic acid induced 14	N
1397674_at	1.458	Eukaryotic translation initiation factor 3, subunit 8, 110kDa	N
1397607_at	1.457	Similar to adult retina protein (predicted)	N
1385491_at	1.451	Similar to KIAA1183 protein (predicted)	N
1376533_at	1.437	Bromodomain adjacent to zinc finger domain, 2B (predicted)	N
1387079_at	1.436	guanylate cyclase 1, soluble, alpha 3	N
1369756_a_at	1.435	solute carrier family 4, member 4	Y
1397440_at	1.435	Megf10 protein	N
1392407_at	1.425	Similar to RIKEN cDNA 6030405P05 gene (predicted)	Y
1368486_at	1.417	insulin receptor substrate 3	Y
1370550_at	1.414	limbic system-associated membrane protein	N
1385829_at	1.412	Similar to sallimus CG1915-PC (predicted)	N

1381990_at	1.412	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 1	Y
1396367_at	1.412	Transcribed locus	N
1374576_at	1.408	Transcribed locus, strongly similar to XP_341833.2 PREDICTED: similar to mKIAA0841 protein [Rattus norvegicus]	Y
1385108_at	1.403	Similar to hypothetical protein D630010C10	N
1377462_at	1.403	Transcribed locus, weakly similar to XP_580018.1 PREDICTED: hypothetical protein XP_580018 [Rattus norvegicus]	N
1385268_at	1.401	Hypothetical protein LOC304743	Y
1385852_at	1.399	CREB binding protein	N
1396036_at	1.398	Ral GEF with PH domain and SH3 binding motif 2	N
1393798_at	1.397	Alpha thalassemia/mental retardation syndrome X-linked homolog (human)	N
1393585_at	1.396	Transcribed locus	N
1388353_at	1.396	Proliferation-associated 2G4	N
1380529_at	1.394	Transcribed locus	N
1390704_at	1.392	SDA1 domain containing 1	N
1396448_at	1.39	Similar to mcf.2 transforming	N
1369302_at	1.389	G protein-coupled receptor 30	Y
1394671_at	1.385	Transcribed locus	Y
1397492_at	1.384	LIM domain only protein 7	Y
1392598_at	1.383	Transcribed locus	Y
1379485_at	1.383	Eukaryotic translation initiation factor 3, subunit 10 (theta)	N
1398486_at	1.383	UI-R-CA0-bhg-g-08-0-UI.s1 UI-R-CA0 Rattus norvegicus cDNA clone UI-R-CA0-bhg-g-08-0-UI 3', mRNA sequence.	N
1374403_at	1.382	Ephrin B1	N
1389868_at	1.379	Similar to RCK (predicted)	N
1381451_at	1.378	Matrix metalloproteinase 23	Y
1394066_at	1.376	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2	N
1378473_at	1.374	Solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 3	Y
1385527_at	1.374	Ubiquitin specific protease 7 (herpes virus-associated)	N
1376846_at	1.373	Transcribed locus	N
1391228_at	1.368	Testis specific gene A2	N
1379453_a_at	1.367	UI-R-C2-nk-a-03-0-UI.s1 UI-R-C2 Rattus norvegicus cDNA clone UI-R-C2-nk-a-03-0-UI 3', mRNA sequence.	N
1389923_at	1.366	BTB (POZ) domain containing 9	N
1374002_at	1.366	Transcribed locus, moderately similar to XP_856499.1 PREDICTED: similar to ataxin 7-like 3 isoform 3 [Canis familiaris]	N
1393888_at	1.365	Anti-Mullerian hormone	N
1389351_at	1.365	Similar to FLI-LRR associated protein-1	N
1397189_at	1.365	Transcribed locus	Y
1389645_at	1.364	Proline dehydrogenase (oxidase) 2	N
1391735_at	1.363	Transcribed locus	N
1370751_at	1.363	rRNA promoter binding protein	N
1385325_at	1.362	Syntrophin, gamma 2 (predicted)	Y
1398487_at	1.362	Pre-B-cell leukemia transcription factor 1 (predicted)	Y
1381334_at	1.361	Similar to synaptopodin 2-like (predicted)	Y
1389998_at	1.359	UI-R-BJ1-awi-d-08-0-UI.s1 UI-R-BJ1 Rattus norvegicus cDNA clone UI-R-BJ1-awi-d-08-0-UI 3', mRNA sequence.	Y
1369450_at	1.356	integral membrane transport protein UST5r	N
1378963_at	1.355	Transforming growth factor, beta 2	N
1394118_at	1.352	Arginine-tRNA-protein transferase 1 (predicted)	N
1380861_at	1.351	Transcribed locus	N
1384153_at	1.35	Similar to Hypothetical protein KIAA0555 (predicted)	N
1382422_at	1.35	Protocadherin 7	N
1392864_at	1.349	Rho GTPase activating protein 5	N
1394479_at	1.349	UI-R-DK0-cdg-e-08-0-UI.s1 UI-R-DK0 Rattus norvegicus cDNA clone UI-R-DK0-cdg-e-08-0-UI 3', mRNA sequence.	Y
1381478_at	1.346	Histone cell cycle regulation defective interacting protein 5 (predicted)	Y
1393881_at	1.346	NMDA receptor-regulated gene 1 (predicted)	N
1384996_at	1.345	Transcribed locus	N
1381410_a_at	1.345	FYVE, RhoGEF and PH domain containing 5 (predicted)	N
1371013_at	1.344	UI-R-CT0-bun-h-03-0-UI.s1 UI-R-CT0 Rattus norvegicus cDNA clone UI-R-CT0-bun-h-03-0-UI 3', mRNA sequence.	N
1385626_at	1.344	Similar to B230212L03Rik protein	N
1398582_at	1.344	Ribosomal protein S6 kinase, polypeptide 5 (predicted)	N

1378170_at	1.343	AF4/FMR2 family, member 4 (predicted)	N
1382610_at	1.342	Transcribed locus	N
1394416_at	1.339	Prickle-like 2 (Drosophila) (predicted)	N
1382193_at	1.339	Similar to RIKEN cDNA 1500009M05 (predicted)	N
1376734_at	1.337	Transcribed locus	N
1369904_at	1.334	gamma-aminobutyric acid (GABA-A) receptor, subunit beta 1	N
1387147_at	1.334	RAB3C, member RAS oncogene family	N
1368450_at	1.334	myosin Va	N
1397391_at	1.333	Similar to spermatogenesis associated glutamate (E)-rich protein 4d	N
1377484_at	1.331	F-box and leucine-rich repeat protein 3	Y
1395505_at	1.331	Similar to DIP13 alpha (predicted)	N
1369309_a_at	1.329	Tachykinin 1	N
1386641_at	1.328	Transcribed locus	N
1398102_at	1.327	BTB and CNC homology 1 (predicted)	N
1377645_at	1.327	Similar to hypothetical protein	N
1393708_at	1.327	Basic helix-loop-helix domain containing, class B5 (predicted)	N
1377991_at	1.326	Round spermatid basic protein 1-like (predicted)	N
1369389_at	1.326	zinc finger protein 483	N
1393078_at	1.325	NMDA receptor-regulated gene 1 (predicted)	N
1381595_at	1.325	Hyperpolarization-activated cyclic nucleotide-gated potassium channel 1	N
1373903_at	1.325	RCS domain containing 1 (predicted)	N
1397502_at	1.324	Peptidylprolyl isomerase B	N
1385584_at	1.324	Transcribed locus	N
1392472_at	1.323	Similar to myocyte enhancer factor 2C	N
1382908_at	1.322	Similar to Eph receptor A4 (predicted)	N
1379952_at	1.319	Transcribed locus	N
1393489_at	1.319	Rsb-66 protein	N
1393901_at	1.319	CBFA2T1 identified gene homolog (human) (predicted)	N
1370833_at	1.319	peroxin 2	N
1395840_at	1.317	Eukaryotic translation initiation factor 1A	N
1379203_at	1.316	Transcription factor Dp 2 (predicted)	N
1386061_at	1.316	Similar to hypothetical protein (predicted)	N
1395237_at	1.316	Eukaryotic translation initiation factor 5B	N
1391850_at	1.315	Serine (or cysteine) peptidase inhibitor, clade I, member 1	N
1397632_at	1.315	SLIT and NTRK-like family, member 1 (predicted)	N
1397535_at	1.314	Membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5) (predicted)	N
1368985_at	1.313	glutamate receptor, ionotropic, N-methyl D-aspartate 2A	N
1386370_at	1.312	Transcribed locus, strongly similar to XP_575123.1 PREDICTED: similar to Discs, large homolog 5 (Placenta and prostate DLG) (Discs large protein P-dlg) [Rattus norvegicus]	Y
1369145_a_at	1.311	potassium voltage gated channel, Shal-related family, member 3	N
1391117_at	1.311	Similar to KIAA1183 protein (predicted)	N
1382294_at	1.31	Activated leukocyte cell adhesion molecule	N
1393410_at	1.309	Transcribed locus	N
1374474_at	1.308	Copine VIII (predicted)	N
1375610_at	1.308	Pleckstrin homology domain containing, family A member 5	N
1384668_at	1.307	Transcribed locus	Y
1378509_at	1.307	Kinesin family member 3a	N
1390757_at	1.307	Transcribed locus, strongly similar to NP_031687.2 cell division cycle 2-like 1 [Mus musculus]	N
1374389_at	1.307	Guanylate cyclase 1, soluble, beta 3	N
1378356_at	1.307	Solute carrier family 24 (sodium/potassium/calcium exchanger), member 4 (predicted)	N
1375765_at	1.307	Hippocalcin-like 4	N
1392333_at	1.306	Peroxisome biogenesis factor 16	N
1393665_at	1.305	Glutamate receptor, metabotropic 5	N
1392295_a_at	1.305	Transcribed locus	Y
1383293_at	1.304	Transcribed locus	N
1397871_at	1.303	Transcribed locus	N
1370043_at	1.302	activated leukocyte cell adhesion molecule	N
1370704_at	1.3	potassium inwardly-rectifying channel, subfamily J, member 6	N
1397885_at	0.769	Disabled homolog 2 (Drosophila) interacting protein	N
1395114_at	0.769	Transcribed locus	Y
1386989_at	0.768	endothelial differentiation, sphingolipid G-protein-coupled receptor, 5	N
1397935_at	0.767	Transcribed locus	N
1392528_at	0.767	Granulocyte-macrophage colony stimulating receptor alpha	Y
1394751_at	0.766	Solute carrier family 16 (monocarboxylic acid transporters), member 6	N

1393225_at	0.765	Similar to a disintegrin-like and metalloprotease (repolysin type) with thrombospondin type 1 motif, 10	N
1392261_at	0.764	Similar to RIKEN cDNA A930038C07 (predicted)	N
1380673_at	0.763	Transcribed locus, strongly similar to XP_575188.1 PREDICTED: similar to hypothetical protein 4931417A20 [Rattus norvegicus]	N
1392100_at	0.763	Transcribed locus	N
1388204_at	0.761	matrix metalloproteinase 13	N
1369601_at	0.761	ischemia related factor NYW-1	N
1392648_at	0.759	Mannose receptor, C type 1 (predicted)	N
1390600_at	0.758	Alpha-2,6-sialyltransferase ST6GalNAc IV	N
1390606_at	0.756	Similar to hedgehog-interacting protein (predicted)	N
1378460_at	0.756	Hypothetical LOC294715	N
1379559_at	0.756	Similar to F-box protein FBL2	N
1396631_at	0.756	Tetratricopeptide repeat domain 7B (predicted)	N
1385729_at	0.754	Transcribed locus	N
1395120_at	0.754	Amyloid beta (A4) precursor protein	N
1379010_at	0.753	Splicing factor, arginine/serine-rich 3 (SRp20) (predicted)	N
1379975_at	0.753	RAB12, member RAS oncogene family	N
1372435_at	0.751	Transcribed locus	N
1395955_at	0.75	C1q and tumor necrosis factor related protein 4 (predicted)	N
1380949_at	0.749	UI-R-CA1-bjy-d-01-0-UI.s1 UI-R-CA1 Rattus norvegicus cDNA clone UI-R-CA1-bjy-d-01-0-UI 3', mRNA sequence.	N
1387994_at	0.749	hydroxysteroid (17-beta) dehydrogenase 9	Y
1370707_at	0.747	FEV (ETS oncogene family)	N
1384324_at	0.747	RNA binding motif protein 14	N
1381775_at	0.747	Transcribed locus, strongly similar to XP_579985.1 PREDICTED: hypothetical protein XP_579985 [Rattus norvegicus]	N
1373651_at	0.747	Transcribed locus	N
1395722_at	0.745	EST452936 Rat Gene Index, normalized rat, Rattus norvegicus cDNA Rattus norvegicus cDNA clone RGIGS66 3' sequence, mRNA sequence.	Y
1385387_at	0.744	NK2 transcription factor related, locus 2 (Drosophila) (predicted)	N
1395185_at	0.744	Vesicle-associated membrane protein, associated protein B and C	N
1396658_at	0.744	Transcribed locus	N
1384160_at	0.743	Similar to Synaptopodin-2 (Myopodin) (predicted)	Y
1384449_at	0.742	Transcribed locus	N
1383892_at	0.741	Transcribed locus, strongly similar to XP_213226.1 PREDICTED: similar to 2810417J12Rik protein [Rattus norvegicus]	N
1392128_at	0.74	Similar to novel protein (predicted)	N
1368761_at	0.74	protein phosphatase 3, regulatory subunit B, alpha isoform (calcineurin B, type II)	N
1385029_at	0.74	Transcribed locus	N
1373857_at	0.738	Transcribed locus, strongly similar to XP_213949.1 PREDICTED: similar to RIKEN cDNA 2310005N03 [Rattus norvegicus]	Y
1391047_at	0.738	Transcribed locus	N
1379937_at	0.737	Nucleoporin 62	N
1398211_at	0.737	Transcribed locus	N
1388955_at	0.736	EH-domain containing 2	N
1396169_at	0.735	Transcribed locus	Y
1389858_at	0.734	Thymidine kinase 1	N
1371106_at	0.733	integrin, beta 7	Y
1387585_at	0.732	solute carrier family 29 (nucleoside transporters), member 2	N
1396428_at	0.732	Transcribed locus	N
1368171_at	0.732	lysyl oxidase	N
1380713_at	0.731	Transcribed locus	N
1381575_at	0.73	Transcribed locus	N
1381217_at	0.73	Similar to CGI-09 protein (predicted)	Y
1385361_at	0.729	ATPase, class V, type 10A	N
1372814_at	0.729	Similar to RIKEN cDNA 2010005O13	N
1377592_at	0.729	Zinc finger protein, multitype 2 (predicted)	N
1379948_at	0.729	Transcribed locus	N
1396314_at	0.727	Transcribed locus	N
1371529_at	0.727	Receptor (TNFRSF)-interacting serine-threonine kinase 1 (predicted)	N
1393642_at	0.724	UI-R-C2p-oe-g-09-0-UI.s1 UI-R-C2p Rattus norvegicus cDNA clone UI-R-C2p-oe-g-09-0-UI 3', mRNA sequence.	Y
1377877_at	0.723	Similar to KIAA0980 protein (predicted)	N
1392379_at	0.719	Transcribed locus	N

1370795_at	0.718	forkhead box C2	Y
1376574_at	0.718	Transcribed locus	N
1395927_at	0.716	UI-R-BS1-aya-e-10-0-UI.s1 UI-R-BS1 Rattus norvegicus cDNA clone UI-R-BS1-aya-e-10-0-UI 3', mRNA sequence.	N
1395219_at	0.715	UI-R-BU0-apm-d-08-0-UI.s1 UI-R-BU0 Rattus norvegicus cDNA clone UI-R-BU0-apm-d-08-0-UI 3', mRNA sequence.	N
1392602_at	0.715	CDC14 cell division cycle 14 homolog B ( <i>S. cerevisiae</i> ) (predicted)	N
1395608_at	0.713	Transcribed locus	N
1387234_at	0.71	alpha-2-glycoprotein 1, zinc	Y
1382026_at	0.709	Rho GTPase activating protein 9	N
1375445_at	0.706	Transcribed locus	N
1392164_at	0.705	Transcribed locus	N
1394275_at	0.702	Similar to StAR-related protein 1-4E (predicted)	N
1391132_at	0.7	Carbonic anhydrase 4	Y
1368965_at	0.7	solute carrier family 16 (monocarboxylic acid transporters), member 3	Y
1385665_at	0.7	a disintegrin and metalloproteinase domain 19 (meltrin beta)	N
1379504_at	0.7	Transcribed locus, moderately similar to XP_573653.1 PREDICTED: myosin IG (predicted) [Rattus norvegicus]	N
1378787_a_at	0.7	DiGeorge syndrome critical region gene 14 homolog (human)	N
1392067_at	0.698	Transcribed locus	Y
1377348_at	0.697	Similar to HECT, C2 and WW domain containing E3 ubiquitin protein ligase 2 isoform 1	N
1380377_at	0.695	Bruton agammaglobulinemia tyrosine kinase	N
1398269_at	0.695	netrin 1	N
1386268_at	0.694	Sortilin-related receptor, L(DLR class) A repeats-containing (predicted)	N
1385740_at	0.694	Similar to leucine rich repeat containing 27 (predicted)	Y
1373544_at	0.693	Chemokine (C-X-C motif) ligand 9	Y
1378072_at	0.688	Similar to novel protein (predicted)	N
1395900_at	0.676	Similar to RIKEN cDNA 5830457O10 (predicted)	N
1396965_at	0.673	Forkhead box O1A	N
1375294_at	0.67	Similar to MGC14161 protein (predicted)	N
1372650_at	0.668	Similar to Dynamin-binding protein (Scaffold protein Tuba)	Y
1383046_at	0.668	Transcribed locus, strongly similar to XP_573463.1 PREDICTED: similar to complement component factor h [Rattus norvegicus]	N
1368673_at	0.667	discoidin domain receptor family, member 2	N
1388172_at	0.665	solute carrier family 22 (organic anion/cation transporter), member 9	N
1384680_at	0.662	Transcribed locus	N
1391867_at	0.651	UI-R-DK0-cdk-d-11-0-UI.s1 UI-R-DK0 Rattus norvegicus cDNA clone UI-R-DK0-cdk-d-11-0-UI 3', mRNA sequence.	N
1384564_at	0.651	Similar to hypothetical protein MGC52498 (predicted)	N
1389768_at	0.649	G protein-coupled receptor 110 (predicted)	N
1384819_at	0.648	Transcribed locus	Y
1393555_at	0.646	nag13b03.x1 NCI_CGAP_Emb2 Rattus norvegicus cDNA clone IMAGE:4175956 3' similar to SW:HS9B_RAT P34058 HEAT SHOCK PROTEIN HSP 90-BETA ;, mRNA sequence.	Y
1376477_at	0.642	Odd Oz/ten-m homolog 2 ( <i>Drosophila</i> )	N
1371265_at	0.642	arginine vasopressin receptor 2	N
1389555_at	0.638	Transcription factor 19	Y
1385397_at	0.631	Ab1-219	N
1373739_at	0.628	Pre-B-cell leukemia transcription factor 1 (predicted)	N
1384949_at	0.617	Solute carrier family 39 (zinc transporter), member 10 (predicted)	Y
1397858_at	0.582	Transcribed locus	Y
1369492_at	0.58	arylacetamide deacetylase (esterase)	N
1371198_at	0.572	Rattus norvegicus (clone 180) FSH-regulated protein mRNA.	Y
1391943_at	0.57	Transcribed locus	N
1370631_at	0.523	regenerating islet-derived 3 gamma	N
1389722_at	0.457	Transcribed locus	N
1385603_at	0.455	UI-R-BO1-ajm-a-11-0-UI.s1 UI-R-BO1 Rattus norvegicus cDNA clone UI-R-BO1-ajm-a-11-0-UI 3', mRNA sequence.	Y
1384717_at	0.397	Development and differentiation enhancing (predicted)	N

**Table S2b. Genes Significantly Regulated by  $\Delta$ FosB**

Probeset ID	Fold regulation	Gene name	Significantly regulated by chronic cocaine?
1383503_at	1.629	Transcribed locus	Y
1398087_at	1.587	UI-R-BJ1-avu-a-10-0-UI.s1 UI-R-BJ1 Rattus norvegicus cDNA clone UI-R-BJ1-avu-a-10-0-UI 3', mRNA sequence.	N
1380629_at	1.566	Transcribed locus, strongly similar to XP_347018.1 PREDICTED: hypothetical protein XP_347017 [Rattus norvegicus]	N
1385829_at	1.551	Similar to sallimus CG1915-PC (predicted)	Y
1378341_at	1.517	Transcribed locus (GABA A receptor, alpha 6 subunit)	N
1377558_at	1.514	Cell division cycle 25 homolog A ( <i>S. cerevisiae</i> )	Y
1368486_at	1.507	insulin receptor substrate 3	Y
1398729_s_at	1.492	Ubiquitin A-52 residue ribosomal protein fusion product 1	N
1377858_at	1.489	PR domain containing 2, with ZNF domain (mapped)	Y
1371171_at	1.472	RT1 class Ib, locus Aw2	N
1391838_at	1.466	Ankyrin repeat domain 11 (predicted)	N
1378640_at	1.441	Ubiquitin-like, containing PHD and RING finger domains, 1 (mapped)	N
1381451_at	1.391	Matrix metalloproteinase 23	Y
1372577_at	1.387	Actin related protein 2/3 complex, subunit 4 (predicted) [actin remodeling, cytoskeletal dynamics]	N
1385021_at	1.381	Transcribed locus, strongly similar to XP_573355.1 PREDICTED: similar to RIKEN cDNA 2810453I06 [Rattus norvegicus]	Y
1389747_at	1.38	Solute carrier family 26, member 8 (predicted)	N
1380888_at	1.378	EST220066 Normalized rat ovary, Bento Soares Rattus sp. cDNA clone ROVBS36 3' end, mRNA sequence.	N
1393798_at	1.376	Alpha thalassemia/mental retardation syndrome X-linked homolog (human)	Y
1378473_at	1.369	Solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 3	Y
1369115_at	1.346	adrenergic receptor, beta 2	N
1394479_at	1.345	UI-R-DK0-cdg-e-08-0-UI.s1 UI-R-DK0 Rattus norvegicus cDNA clone UI-R-DK0-cdg-e-08-0-UI 3', mRNA sequence.	Y
1380063_at	1.344	Cholesterol 25-hydroxylase	N
1387079_at	1.343	guanylate cyclase 1, soluble, alpha 3	Y
1385268_at	1.342	Hypothetical protein LOC304743	Y
1395406_at	1.34	Sno, strawberry notch homolog 1 ( <i>Drosophila</i> )	Y
1369302_at	1.339	G protein-coupled receptor 30	Y
1384528_at	1.339	Retinoic acid induced 14	Y
1381412_at	1.334	Similar to myeloid ecotropic viral integration site 1	N
1385116_at	1.334	Protocadherin beta 21 (predicted)	N
1386467_at	1.334	EST108847 Rat PC-12 cells, NGF-treated (9 days) Rattus norvegicus cDNA clone RPNAH90 3' end, mRNA sequence.	N
1397492_at	1.334	LIM domain only protein 7	Y
1398486_at	1.333	UI-R-CA0-bhg-g-08-0-UI.s1 UI-R-CA0 Rattus norvegicus cDNA clone UI-R-CA0-bhg-g-08-0-UI 3', mRNA sequence.	Y
1398702_at	1.331	Similar to KIAA2012 protein (predicted)	N
1369309_a_at	1.328	Tachykinin 1	Y
1395949_at	1.326	Transcribed locus	N
1391561_at	1.321	Transcribed locus	N
1396448_at	1.321	Similar to mcf.2 transforming	Y
1379295_at	1.318	Similar to guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2	N
1385981_at	1.317	Plasticity related gene 1	N
1396326_at	1.316	Programmed cell death protein 11 (predicted)	Y

1387257_at	1.314	secretin	N
1395164_at	1.31	UI-R-C3-tu-e-05-0-UI.s1 UI-R-C3 Rattus norvegicus cDNA clone UI-R-C3-tu-e-05-0-UI 3', mRNA sequence.	N
1395969_at	1.31	Transcribed locus	N
1398476_at	1.31	Vinculin (predicted)	N
1382422_at	1.307	Protocadherin 7	Y
1375622_at	1.304	Zinc finger, FYVE domain containing 20 (predicted)	N
1392407_at	1.302	Similar to RIKEN cDNA 6030405P05 gene (predicted)	Y
1394708_at	1.301	Similar to GA binding protein transcription factor, beta subunit 2 (GABPB2) (predicted)	Y
1384895_at	0.768	Transcribed locus	N
1398507_at	0.758	Transcribed locus	N
1384819_at	0.756	Transcribed locus	Y
1396095_at	0.753	Transcribed locus, weakly similar to XP_342574.1 PREDICTED: similar to Csr1 [Rattus norvegicus]	N
1384520_at	0.752	Transcribed locus	N
1398211_at	0.75	Transcribed locus	Y
1370026_at	0.739	crystallin, alpha B	N
1373544_at	0.736	Chemokine (C-X-C motif) ligand 9	Y
1385832_s_at	0.732	Similar to RIKEN cDNA 1200013B08 (predicted)	N
1369377_at	0.729	hypocretin (orexin) receptor 2	N
1376390_at	0.725	Membrane-spanning 4-domains, subfamily A, member 11 (predicted)	N
1379805_at	0.723	Solute carrier family 41, member 2 (predicted)	N
1385722_at	0.722	Single-minded 2 (predicted)	N
1382026_at	0.719	Rho GTPase activating protein 9	Y
1369460_at	0.714	solute carrier family 7 (cationic amino acid transporter, y+ system), member 2	N
1374540_at	0.714	Cell division cycle associated 7	N
1377637_at	0.707	EST347397 Rat gene index, normalized rat, norvegicus, Bento Soares Rattus norvegicus cDNA clone RGIDF89 5' end, mRNA sequence.	N
1368416_at	0.612	integrin binding sialoprotein	N
1377334_at	0.606	RT1 class II, locus Ba	N
1373340_at	0.589	Dual specificity phosphatase 9	N