

Supplement table Genes with significant expression changes among four groups

Accession	F-value	Gene	Accession	F-value	Gene
X02002	135.805	cell-surface glycoprotein	U35099	27.073	complexin II
D64061	115.675	annexin V-binding protein (ABP-7)	D28111	26.421	MOBP (myelin-associated oligodendrocytic basic protein)
U41164	91.472	Cys2/His2 zinc finger protein (rKr1)	X52772cds	25.894	P65
rc_AI230256	85.863	EST226951 Rattus norvegicus cDNA,	rc_AA874934	25.841	UI-R-E0-ci-c-05-0-ULs1 Rattus norvegicus cDNA
rc_AI638989	73.432	rc_AI638989	M55291	25.577	receptor protein-tyrosine kinase (trkB)
D26307cds	72.673	jun-D gene	X62145cds	25.291	ribosomal protein L8
X60212_i	64.678	mammalian equivalent of bacterial large ribosomal subunit protein L22	AF023621_at	25.078	sortilin
rc_AA859837	62.971	UI-R-E0-cc-g-09-0-ULs1 Rattus norvegicus cDNA	AB012234_g_at	24.47	NF1-X1
rc_AI013194	58.552	EST207869 Rattus norvegicus cDNA	L14851_at	24.284	neurexin III-alpha
rc_AA875506	57.965	UI-R-E0-ct-c-05-0-ULs1 Rattus norvegicus cDNA	rc_AI237576	23.904	EST234138 Rattus norvegicus cDNA
D28111	57.12	D28111	rc_H31692	23.7	EST106007 Rattus norvegicus cDNA
rc_AA875659	55.237	UI-R-E0-ct-h-07-0-ULs1 Rattus norvegicus cDNA	D84477	23.587	RhoA
AF036761	49.617	stearoyl-CoA desaturase 2	X02610	23.473	non-neuronal enolase (NNE) (alpha-alpha enolase, 2-phospho-D-glycerate hydrolase EC 4.2.1.11)
X12744	47.901	c-erb-A thyroid hormone receptor	U73458	23.282	protein tyrosine phosphatase (PTPNE6)
E13644cds	44.43	Neurodap-1	D10770	23.119	beta isoform of catalytic subunit of cAMP-dependent protein kinase
AB000362	40.85	CIRP	S83025	22.98	TSH receptor suppressor element-binding protein-1
rc_AA893065	38.352	EST196868 Rattus norvegicus cDNA	J00692	22.736	skeletal muscle alpha-actin gene
AF001898	38.334	aldehyde dehydrogenase (ALDH)	AB016160	22.718	AB016160
S59158	35.44	glutamate transporter	L12382	22.672	ADP-ribosylation factor 3
U38653	35.344	olfactory inositol 1,4,5-trisphosphate receptor (InsP3R)	M27159cds	22.489	potassium channel-Kv2
rc_AI231213	33.851	EST227901 Rattus norvegicus cDNA	AB015432	22.324	LAT1 (L-type amino acid transporter 1)
X73653	33.317	tau protein kinase I	M92076	22.205	metabotropic glutamate receptor 3
AB016160	33.304	GABAB receptor 1c	M74494	22.191	sodium/potassium ATPase alpha-1 subunit truncated isoform
rc_AA924925	33.299	UI-R-A1-eg-d-06-0-ULs1 Rattus norvegicus cDNA	L10326	22.047	alternatively spliced GTP-binding protein alpha subunit (stimulatory) (GS-alpha)
M36419	32.992	glutamate receptor (GluR-B)	X74402	21.966	GDI alpha
AF036761	32.527	stearoyl-CoA desaturase 2	U35774	21.869	cytosolic branch chain aminotransferase
rc_AA858621	32.32	UI-R-E0-bq-b-10-0-ULs1 Rattus norvegicus cDNA	U14398	21.625	synaptotagmin IV homolog
L10362	31.279	synaptic vesicle protein 2B (SV2B)	M95735	21.429	syntaxin B
AF074482	31.083	GABA-B receptor 2 (GABA-BR2)	AF089839	21.404	N-ethylmaleimide sensitive factor
rc_AA858621	29.627	UI-R-E0-bq-b-10-0-ULs1 Rattus norvegicus cDNA	AF083330	21.228	kinesin-like protein KIF3C (KIF3C)
rc_AA891069	29.623	EST194872 Rattus norvegicus cDNA	rc_AA859990	20.85	UI-R-E0-ca-a-08-0-ULs1 Rattus norvegicus cDNA
X53565	29.286	trans-Golgi network integral membrane protein (TGN38)	L27075	20.701	ATP-citrate lyase
S75730	28.937	stearoyl-CoA desaturase 2 SCD2 homolog	rc_AI639314	20.603	rc_AI639314
rc_AA799406	28.111	EST188903 Rattus norvegicus cDNA	AB006451	20.527	Tim23

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AF022083	20.433	guanine nucleotide binding protein beta 1 subunit	U42627	17.451	dual-specificity protein tyrosine phosphatase (rVH6)
S45812	20.196	monoamine oxidase A	D14425	17.438	calcineurin B
M36418	20.049	glutamate receptor (GluR-A)	D17521	17.399	protein kinase C-regulated chloride channel
S81917	20.029	cysteine string protein=34 kDa DnaJ-hsp40 heat shock-chaperone protein	AF004017	17.353	electrogenic Na ⁺ bicarbonate cotransporter (NBC)
M16112	19.849	type II Ca ²⁺ /calmodulin-dependent protein kinase beta subunit	U15408	17.35	plasma membrane Ca ²⁺ -ATPase isoform 4
U45479	19.665	synaptojanin	AF037071	17.321	carboxyl-terminal PDZ ligand of neuronal nitric oxide synthase
X12535cds	19.449	ras-related protein p23	rc_AA957961	17.268	UI-R-E1-fz-g-08-0-ULs1 Rattus norvegicus cDNA
AFFX_M	18.974	Hexok	rc_AI070521	17.114	UI-R-Y0-iv-f-09-0-ULs1 Rattus norvegicus cDNA
rc_AII04035	18.797	EST213324 Rattus norvegicus cDNA	rc_AA891729	17.074	EST195532 Rattus norvegicus cDNA
rc_AA894089	18.64	EST197892 Rattus norvegicus cDNA	X78327	16.979	ribosomal protein L13
rc_AA799538	18.613	EST189035 Rattus norvegicus cDNA	U08976	16.881	Wistar peroxisomal enoyl hydratase-like protein (PXEL)
rc_AA892378	18.58	EST196181 Rattus norvegicus cDNA	rc_AA859520	16.819	UI-R-E0-br-b-02-0-ULs1 Rattus norvegicus cDNA
AF058795	18.574	GABA-B receptor gb2	X76724	16.806	RCK beta2
rc_AA893172	18.489	EST196975 Rattus norvegicus cDNA	U94189	16.689	Duo
rc_AII72162	18.145	EST218157 Rattus norvegicus cDNA	U39320	16.589	cysteine string protein
rc_AII72162	18.145	EST218157 Rattus norvegicus cDNA	D10587	16.461	85kDa sialoglycoprotein (LGP85)
AF055065	18.085	signal regulatory protein alpha	rc_AI012805	16.458	EST207256 Rattus norvegicus cDNA
L26268	17.814	anti-proliferative factor (BTG1)	rc_AI044508	16.372	UI-R-C1-kc-a-07-0-ULs1 Rattus norvegicus cDNA
U62897	17.762	carboxypeptidase D precursor (Cpd)	rc_AA892801	16.306	EST196604 Rattus norvegicus cDNA
AB012231	17.514	NF1-B2			