

Table 3 Summary of genes identified as regulated >1.5-fold (p<0.05) in the DRG 3 days after sciatic nerve axotomy.

Accession	Description	Naïve Mean Signal (±SD)	3 day Axotomy Mean Signal (±SD)	Fold Change	P value
U70779	Rattus norvegicus Doc2A mRNA, complete cds	1002 ± 223	370 ± 110	-2.71	0.0231
D90048	Rat Na ⁺ , K ⁺ -ATPase (EC 3.6.1.3) beta2 subunit	1006 ± 407	2243 ± 430	2.23	0.02247
L01793	Rattus norvegicus glycogenin mRNA sequence	10062 ± 1896	5711 ± 617	-1.76	0.04672
M36074	Rat mineralocorticoid receptor (MR)	1007 ± 119	664 ± 79	-1.52	0.01864
X06801	Rat mRNA for vaskular alpha-actin	1029 ± 408	2707 ± 615	2.63	0.02216
AA891911	Rattus norvegicus cDNA, 3' end clone	1063 ± 205	3856 ± 263	3.63	0.00019
U12568	Rattus norvegicus ADP-ribosylation factor-like protein 3 (rard3)	1070 ± 97	708 ± 127	-1.51	0.01957
AA892775	Rattus norvegicus cDNA, 3' end clone	10702 ± 3948	26572 ± 2127	2.48	0.00816
AI639484	Rat mixed-tissue library Rattus norvegicus cDNA clone	10790 ± 398	4273 ± 1107	-2.53	0.00486
AJ131902	Rattus norvegicus mRNA for GAS-7 protein	10833 ± 2962	18456 ± 2857	1.7	0.03269
AI102031	Rattus norvegicus cDNA, 3' end clone	10851 ± 2006	16501 ± 1904	1.52	0.02415
S77532	rE12=helix-loop-helix transcription factor E12 homolog	1086 ± 104	529 ± 204	-2.05	0.02493
X06890	Rat ras-related mRNA rab4	1095 ± 29	566 ± 213	-1.94	0.04783
M20721	Rat proline-rich protein (PRP-1) mRNA, partial cds	1099 ± 203	575 ± 107	-1.91	0.02809
U01227	Rattus sp. 5HT3 receptor subunit mRNA, partial cds	11057 ± 668	7307 ± 536	-1.51	0.00194
X74978	R.norvegicus gene for prostatic acid phosphatase, exon 11	1107 ± 319	311 ± 200	-3.56	0.02899
AI171966	Rattus norvegicus cDNA, 3' end clone	1112 ± 337	1944 ± 340	1.75	0.03963
AI639196	Rat mixed-tissue library Rattus norvegicus cDNA clone	1118 ± 96	717 ± 24	-1.56	0.01426
X63744	R.norvegicus mRNA for glutamate/aspartate transporter protein	115 ± 91	386 ± 68	3.35	0.0168
AA955388	Rattus norvegicus cDNA, 3' end clone	1184 ± 220	627 ± 81	-1.89	0.0356
M63282	Rat leucine zipper protein mRNA, complete cds	1187 ± 106	13510 ± 800	11.38	0.00119
AA891634	Rattus norvegicus cDNA, 3' end clone	1201 ± 207	656 ± 111	-1.83	0.02677
AF090867	Rattus norvegicus guanosine monophosphate reductase	1207 ± 141	791 ± 179	-1.53	0.03662
AA866369	Rattus norvegicus cDNA, 3' end clone	1212 ± 274	598 ± 176	-2.03	0.03887
AA866291	Rattus norvegicus cDNA, 3' end clone	1224 ± 123	726 ± 101	-1.68	0.00629
X03347	REMSVFBR FBR-murine osteosarcoma provirus genome	1241 ± 189	2006 ± 291	1.62	0.02473
AA894087	Rattus norvegicus cDNA, 3' end clone	1249 ± 153	831 ± 181	-1.5	0.03912
AI044716	Rattus norvegicus cDNA, 3' end clone	1299 ± 207	712 ± 38	-1.83	0.0353
U72350	Rattus norvegicus Bcl-xalpha mRNA, complete cds	1315 ± 208	2044 ± 269	1.55	0.02288
X65036	R.norvegicus mRNA for H36-alpha7 integrin alpha chain	13183 ± 530	20346 ± 993	1.54	0.00147
L12025	Rattus norvegicus tumor-associated glycoprotein E4 (Tage4)	132 ± 63	490 ± 67	3.72	0.00255
AI072943	Rattus norvegicus cDNA, 3' end clone	1347 ± 119	608 ± 173	-2.22	0.00532
AA892333	Rattus norvegicus cDNA, 3' end clone	13656 ± 2220	22606 ± 1810	1.66	0.00632
U35774	Rattus norvegicus cytosolic branch chain aminotransferase	14155 ± 1164	21920 ± 2879	1.55	0.0294
AF054618	Rattus norvegicus cortactin isoform C mRNA, complete cds	1416 ± 231	2237 ± 351	1.58	0.03475
L32591	Rattus norvegicus GADD45 mRNA, complete cds	1420 ± 228	7725 ± 1159	5.44	0.00903

M98049	Rattus rattus pancreatitis-associated protein (pap) mRNA, complete cds	143 ± 194	2649 ± 39	18.48	0.0014
Y13275	Rattus norvegicus mRNA for D6.1A protein	14647 ± 1394	7161 ± 2535	-2.05	0.01921
S61865	syndecan=heparan sulfate proteoglycan core protein	148 ± 139	1512 ± 185	10.19	0.00075
L38483	Rattus norvegicus jagged protein mRNA, complete cds	1487 ± 244	930 ± 184	-1.6	0.03804
X61654	Rat mRNA for ad1-antigen	14940 ± 1238	26115 ± 1048	1.75	0.00033
M83679	Sprague-Dawley (clone LRB9) RAB15 mRNA, complete cds	1535 ± 191	2884 ± 398	1.88	0.01457
X17053	Rat immediate-early serum-responsive JE gene	1539 ± 473	3864 ± 818	2.51	0.02079
X65036	R.norvegicus mRNA for H36-alpha7 integrin alpha chain	15394 ± 648	26382 ± 1787	1.71	0.00431
AA945867	Rattus norvegicus cDNA, 3' end clone	1553 ± 216	4520 ± 524	2.91	0.00448
L21192	Rat GAP-43 gene	15593 ± 726	28365 ± 1579	1.82	0.00144
M36151	Rat MHC class II A-beta RT1.B-b-beta gene, partial cds	1563 ± 190	2411 ± 360	1.54	0.03589
AF040261	Rattus norvegicus phosphatidylcholine transfer protein (Pctp)	1579 ± 117	843 ± 143	-1.87	0.00264
X13905	Rat cDNA for ras-related rab1B protein	1586 ± 193	1022 ± 199	-1.55	0.02439
X12459	Rat mRNA for argininosuccinate synthetase (EC 6.3.4.5)	1611 ± 472	487 ± 342	-3.31	0.03324
AA799773	Rattus norvegicus cDNA, 3' end clone	1616 ± 172	3083 ± 61	1.91	0.00197
X56747	Rat mRNA for fetal intestinal lactase-phlorizin hydrolase precursor, partial	1624 ± 311	874 ± 190	-1.86	0.03231
AI044508	Rattus norvegicus cDNA, 3' end clone	1635 ± 243	3557 ± 565	2.18	0.01591
M15880	Rat neuropeptide Y mRNA, complete cds	1649 ± 811	16056 ± 1874	9.74	0.00186
U27767	Rattus norvegicus RGP4 mRNA, complete cds	16756 ± 1896	9443 ± 2776	-1.77	0.02455
AA875620	Rattus norvegicus cDNA, 3' end clone	1685 ± 149	2533 ± 235	1.5	0.0098
U23407	Rattus norvegicus cellular retinoic acid-binding protein II (CRABP II)	1691 ± 80	3783 ± 194	2.24	0.00082
AI229291	Rattus norvegicus cDNA, 3' end clone	17081 ± 2059	10486 ± 2980	-1.63	0.04048
S65555	gamma-glutamylcysteine synthetase light chain	1736 ± 116	1097 ± 254	-1.58	0.03271
AF028784	Rattus norvegicus glial fibrillary acidic protein alpha (GFAP) gene	1736 ± 34	6600 ± 763	3.8	0.008
J03754	Rat plasma membrane Ca ²⁺ ATPase-isoform 2 mRNA, complete cds	1742 ± 133	1136 ± 44	-1.53	0.00983
J02720	Rat liver arginase mRNA, complete cds	177 ± 134	1557 ± 61	8.78	0.00075
AA874803	Rattus norvegicus cDNA, 3' end clone	178 ± 232	869 ± 47	4.89	0.03144
AA891631	Rattus norvegicus cDNA, 3' end clone	1808 ± 158	903 ± 195	-2	0.00384
AI228407	Rattus norvegicus cDNA, 3' end clone	1816 ± 336	7210 ± 1650	3.97	0.02587
S56508	phosphatidylinositol 4-kinase [rats, brain, mRNA, 2573 nt]	1823 ± 225	1130 ± 201	-1.61	0.01684
M11597	Rat alpha-type calcitonin gene-related peptide mRNA, complete cds	18580 ± 795	11461 ± 2223	-1.62	0.02111
AI070721	Rattus norvegicus cDNA, 3' end clone	1862 ± 253	4361 ± 633	2.34	0.01166
M86389	Rat heat shock protein (Hsp27) mRNA, complete cds	19180 ± 2006	55523 ± 10564	2.89	0.02373
D85435	Rattus norvegicus mRNA for protein kinase C delta-binding protein	1921 ± 304	2990 ± 343	1.56	0.016
AI639015	Rat mixed-tissue library Rattus norvegicus cDNA clone rx00967 3	196 ± 26	125 ± 30	-1.56	0.03705
D23676	Rat mRNA for regenerating protein III (reg III), complete cds	198 ± 50	352 ± 69	1.78	0.0398
U67081	Rattus norvegicus C2-HC type zinc finger protein r-MyT2	2021 ± 142	1016 ± 161	-1.99	0.00135
M83561	Rattus norvegicus glutamate receptor subunit 5-2 (GluR5-2), kainate subtype	2028 ± 305	822 ± 149	-2.47	0.00951
AI012534	Rattus norvegicus cDNA, 3' end clone	2048 ± 215	1063 ± 113	-1.93	0.00574
E00717	cytochrome P-450 from Rat Liver	2052 ± 244	1324 ± 264	-1.55	0.02507
H31313	Rattus norvegicus cDNA, 3' end clone	2075 ± 75	4850 ± 581	2.34	0.01319
J05519	Rat C1-tetrahydrofolate synthase mRNA, complete cds	2078 ± 250	1363 ± 275	-1.52	0.02941

M38061	Rattus norvegicus glutamate receptor (GluR-B) mRNA, complete cds	208 ± 48	100 ± 34	-2.09	0.03833
AA893717	Rattus norvegicus cDNA, 3' end clone	2093 ± 84	1278 ± 137	-1.64	0.00208
L20427	Rattus norvegicus dihydroxypolyprenylbenzoate methyltransferase	2144 ± 168	1254 ± 115	-1.71	0.00264
D38380	Rattus norvegicus mRNA for transferrin, complete cds	2153 ± 1703	6104 ± 783	2.83	0.03953
M58364	Rat GTP cyclohydrolase I mRNA, complete cds	222 ± 12	1605 ± 194	7.22	0.00637
M34643	Rat neurotrophin-3 (HDNF/NT-3) mRNA, complete cds	2235 ± 140	1359 ± 49	-1.64	0.00432
X14254	Rat mRNA for MHC class II-associated invariant chain	2243 ± 485	5117 ± 782	2.28	0.00931
S57478	lipocortin I [rats, Genomic, 361 nt, segment 13 of 13]	2288 ± 321	4075 ± 467	1.78	0.00769
AA925752	Rattus norvegicus cDNA, 3' end clone	229 ± 53	456 ± 59	1.99	0.00816
AF027954	Rattus norvegicus Bcl-2-related ovarian killer protein (Bok)	2333 ± 21	3778 ± 320	1.62	0.01564
M36453	Rat inhibin alpha-subunit mRNA, complete cds	2338 ± 304	1514 ± 169	-1.54	0.02429
AA893002	Rattus norvegicus cDNA, 3' end clone	2358 ± 107	1386 ± 248	-1.7	0.01109
AA891737	Rattus norvegicus cDNA, 3' end clone	2380 ± 220	1572 ± 110	-1.51	0.0113
U29174	Rattus norvegicus paired-like homeodomain transcription factor (DRG11)	2386 ± 242	1234 ± 205	-1.93	0.00355
M36410	Rat sepiapterin reductase mRNA, partial cds	2475 ± 697	5043 ± 570	2.04	0.00862
X76454	R.norvegicus (Sprague Dawley) ri1 mRNA	2511 ± 468	4671 ± 654	1.86	0.01218
AI639395	Rat mixed-tissue library Rattus norvegicus cDNA clone rx03054 3	256 ± 66	509 ± 50	1.99	0.00739
Y17048	Rattus norvegicus mRNA for caldendrin	2596 ± 318	1634 ± 156	-1.59	0.01946
AI639263	Rat mixed-tissue library Rattus norvegicus cDNA clone rx04779 3	264 ± 42	174 ± 38	-1.52	0.04907
AA799732	Rattus norvegicus cDNA, 3' end clone	2645 ± 330	4809 ± 828	1.82	0.03197
J05122	Rat peripheral-type benzodiazepine receptor (PKBS)	2664 ± 314	4148 ± 459	1.56	0.01319
L03201	Rattus norvegicus cathepsin S mRNA, complete cds	2689 ± 484	5273 ± 508	1.96	0.00312
X59864	Rat ASM15 gene	2724 ± 358	6708 ± 503	2.46	0.00062
U59672	Rattus norvegicus 5HT3 receptor mRNA, complete cds	2750 ± 254	1413 ± 276	-1.95	0.00358
X15705	Rat testis-specific heat shock protein-related gene hst70	2787 ± 77	4635 ± 245	1.66	0.00309
Y17606	Rattus norvegicus mRNA for potassium channel, alpha subunit (Kv9.1)	2825 ± 528	1192 ± 245	-2.37	0.01912
J02773	Rat low molecular weight fatty acid binding protein mRNA, complete cds	2837 ± 436	1853 ± 301	-1.53	0.03841
AF029310	Rattus norvegicus vanilloid receptor subtype 1 mRNA, complete cds	2860 ± 236	1551 ± 28	-1.84	0.00985
J05495	Rat Gal/GalNAc-specific lectin mRNA, complete cds	291 ± 203	838 ± 127	2.88	0.02329
M90518	Rat meotropic glutamate receptor (GLUR4) mRNA, complete cds	2916 ± 169	1616 ± 349	-1.8	0.01127
X58631	Rat mRNA for protein-tyrosine kinase	2967 ± 655	4519 ± 522	1.52	0.03495
AA998683	Rattus norvegicus cDNA, 3' end clone	30005 ± 9361	73670 ± 6896	2.46	0.00384
AI230130	Rattus norvegicus cDNA, 3' end clone	3005 ± 604	4989 ± 649	1.66	0.01804
X70662	R.norvegicus mRNA for K+ channel protein, beta subunit	3032 ± 620	1538 ± 530	-1.97	0.03492
AA900582	Rattus norvegicus cDNA, 3' end clone	3045 ± 673	5311 ± 376	1.74	0.0131
AI176658	Rattus norvegicus cDNA, 3' end clone	30743 ± 9051	75302 ± 8105	2.45	0.00328
AF026529	Rattus norvegicus stathmin-like-protein splice variant RB3	3126 ± 587	7757 ± 42	2.48	0.00512
AI010453	Rattus norvegicus cDNA, 3' end clone	3129 ± 241	5609 ± 123	1.79	0.00056
AA800814	Rattus norvegicus cDNA, 3' end clone	3133 ± 47	2081 ± 104	-1.51	0.00079
S69329	isl-1=homeobox [rats, keratinocytes, islet cell line RIN1056A	3141 ± 413	1705 ± 136	-1.84	0.0184
D38380	Rattus norvegicus mRNA for transferrin, complete cds	3141 ± 684	5616 ± 683	1.79	0.0114
AI169327	Rattus norvegicus cDNA, 3' end clone	3159 ± 526	9053 ± 853	2.87	0.00127

D14839	Rat mRNA for FGF-9, complete cds	3165 ± 589	1602 ± 301	-1.98	0.02676
X13044	Rat mRNA for MHC-associated invariant chain gamma	3195 ± 988	7454 ± 1583	2.33	0.02352
X74293	R.norvegicus mRNA for alpha 7A integrin	3197 ± 199	5664 ± 436	1.77	0.00388
AA859829	Rattus norvegicus cDNA, 3 end clone	3267 ± 337	1994 ± 394	-1.64	0.0138
S69874	C-FABP=cutaneous fatty acid-binding protein	32900 ± 5376	50563 ± 3593	1.54	0.01263
AA799641	Rattus norvegicus cDNA, 3 end clone	3330 ± 195	2198 ± 263	-1.52	0.00501
AA875527	Rattus norvegicus cDNA, 3 end clone	338 ± 64	196 ± 52	-1.72	0.04253
L32591	Rattus norvegicus GADD45 mRNA, complete cds	3394 ± 195	14021 ± 644	4.13	0.00052
AA818025	Rattus norvegicus cDNA, 3 end clone	34173 ± 1839	51826 ± 6426	1.52	0.03331
X55572	R.norvegicus Apo D mRNA	34451 ± 6180	57110 ± 5134	1.66	0.00884
X80290	RRPITACA R.rattus mRNA for pituitary adenylate cyclase activating peptide	3466 ± 434	12182 ± 291	3.51	0.00003
AI175959	Rattus norvegicus cDNA, 3 end clone	3473 ± 594	11020 ± 1740	3.17	0.0107
X59864	Rat ASM15 gene	351 ± 136	5089 ± 1862	14.51	0.04716
AA892789	Rattus norvegicus cDNA, 3 end clone	3600 ± 456	2267 ± 215	-1.59	0.02192
AA799645	Rattus norvegicus cDNA, 3 end clone	3629 ± 327	8094 ± 283	2.23	0.00007
AA891940	Rattus norvegicus cDNA, 3 end clone	3674 ± 624	6873 ± 437	1.87	0.00288
AF036537	Rattus norvegicus homocysteine respondent protein HCYP2	37 ± 34	272 ± 61	7.38	0.00903
X66693	R.norvegicus mRNA for granzyme-like protein I	377 ± 123	1264 ± 213	3.35	0.00689
J05132	Rat 3-methylcholanthrene-inducible truncated UDP-glucuronosyltransferase	3786 ± 840	5842 ± 680	1.54	0.03201
M74223	Rat VGF mRNA, complete cds	3791 ± 619	10200 ± 748	2.69	0.0004
AA894330	Rattus norvegicus cDNA, 3 end clone	3818 ± 391	7114 ± 104	1.86	0.00287
AA900413	Rattus norvegicus cDNA, 3 end clone	3983 ± 606	6017 ± 874	1.51	0.03511
M32062	Rat Fc-gamma receptor mRNA, complete cds	401 ± 146	946 ± 153	2.36	0.0111
U97142	Rattus norvegicus RET ligand 1 (RETL1) mRNA, complete cds	4132 ± 755	8443 ± 581	2.04	0.00186
D63886	Rattus sp. mRNA for MT3-MMP-del, complete cds	414 ± 154	997 ± 73	2.41	0.01104
M86235	Rat ketohexokinase mRNA, complete cds	4187 ± 396	2785 ± 128	-1.5	0.01776
E03424	GTP cyclohydrolase I	42 ± 1	694 ± 39	16.36	0.0012
X52820	R.norvegicus IAPP gene, exons 1 & 2 (and joined CDS)	431 ± 25	91 ± 61	-4.72	0.00484
AJ224879	Rattus norvegicus mRNA for collagen alpha 1 type II, partial CDS	4335 ± 622	2376 ± 861	-1.82	0.03778
Z96106	Rattus norvegicus mRNA for potassium channel r-ERG	4401 ± 414	2636 ± 370	-1.67	0.00549
AA800199	Rattus norvegicus cDNA, 3 end clone	4411 ± 335	7832 ± 169	1.78	0.00059
U52103	Rattus norvegicus rCRMP-3 mRNA, partial cds	4417 ± 605	2682 ± 91	-1.65	0.03571
M76426	Rattus norvegicus dipeptidyl aminopeptidase-related protein (dpp6)	4464 ± 800	2531 ± 450	-1.76	0.03279
D49395	Rat mRNA for serotonin 5-HT3 receptor, complete cds	4532 ± 549	2914 ± 240	-1.56	0.02256
AA892511	Rattus norvegicus cDNA, 3 end clone	4594 ± 523	2731 ± 580	-1.68	0.01477
AJ004858	Rattus norvegicus mRNA for Sry-related HMG-box protein Sox11	464 ± 77	1761 ± 160	3.79	0.00133
AJ009698	Rattus norvegicus mRNA for embigin protein	4749 ± 489	3115 ± 104	-1.52	0.02446
AI112516	Rattus norvegicus cDNA, 3 end clone	4919 ± 1160	7686 ± 744	1.56	0.03287
AA893280	Rattus norvegicus cDNA, 3 end clone	4945 ± 209	11927 ± 1381	2.41	0.0114
M81642	Rat G-protein coupled thrombin receptor mRNA, complete cds	4948 ± 209	2663 ± 521	-1.86	0.00894
M15562	Rat MHC class II RT1.u-D-alpha chain mRNA, 3 end	4954 ± 976	10088 ± 251	2.04	0.00848
U50736	Rattus norvegicus cardiac adriamycin responsive protein	499 ± 188	1701 ± 187	3.41	0.00142

D00688	Rat monoamine oxidase A gene, complete cds	5022 ± 811	7902 ± 1038	1.57	0.02144
AA799421	Rattus norvegicus cDNA, 3' end clone	5063 ± 372	2459 ± 233	-2.06	0.00118
U23769	Rattus norvegicus CLP36 (clp36) mRNA, complete cds	5124 ± 532	11527 ± 666	2.25	0.00027
U02322	Rattus norvegicus clone ndf42a neu differentiation factor	5143 ± 1075	2025 ± 571	-2.54	0.02061
AA799440	Rattus norvegicus cDNA, 3' end clone	524 ± 131	177 ± 117	-2.95	0.02726
AF083269	Rattus norvegicus p41-Arc mRNA, complete cds	5304 ± 558	9780 ± 1423	1.84	0.02072
U17919	Rattus norvegicus allograft inflammatory factor-1 mRNA, complete cds	541 ± 120	1088 ± 199	2.01	0.02219
U12187	Rattus norvegicus ras-related protein (rad) mRNA, complete cds	553 ± 327	1361 ± 53	2.46	0.04721
M93669	Rat secretogranin II mRNA, complete cds	5580 ± 1169	2347 ± 674	-2.38	0.02245
AA859520	Rattus norvegicus cDNA, 3' end clone	5616 ± 954	2970 ± 633	-1.89	0.02114
AA893180	Rattus norvegicus cDNA, 3' end clone	566 ± 196	1021 ± 124	1.8	0.03542
U97143	Rattus norvegicus RET ligand 2 (RETL2) mRNA, complete cds	5666 ± 302	3264 ± 477	-1.74	0.00339
U42719	Rattus norvegicus C4 complement protein mRNA, partial cds	570 ± 260	4119 ± 326	7.23	0.00017
M82826	Rattus leucopus neurofibromatosis protein type I (NF1, type III splice variant)	572 ± 96	340 ± 99	-1.68	0.04384
L01793	Rattus norvegicus glycogenin mRNA sequence	5732 ± 562	3307 ± 338	-1.73	0.00584
M18331	Rat protein kinase C epsilon subspecies	5764 ± 243	3080 ± 75	-1.87	0.00131
AA874803	Rattus norvegicus cDNA, 3' end clone	577 ± 33	1174 ± 131	2.04	0.01178
D45412	brain-enriched membrane-associated protein tyrosine phosphatase (BSM)-1	587 ± 145	1081 ± 74	1.84	0.01357
AA892801	Rattus norvegicus cDNA, 3' end clone	5896 ± 1590	10578 ± 108	1.79	0.03581
S66024	transcriptional repressor CREM [rats, pineal gland, mRNA, 436 nt]	59 ± 11	782 ± 171	13.36	0.01775
X17163	Rat c-jun oncogene mRNA for transcription factor AP-1	591 ± 284	4326 ± 459	7.32	0.00074
AA892400	Rattus norvegicus cDNA, 3' end clone	5912 ± 550	3726 ± 331	-1.59	0.00753
L07736	Rat carnitine palmitoyltransferase I mRNA, complete cds	5978 ± 128	3919 ± 413	-1.53	0.00838
U08976	Rattus norvegicus Wistar peroxisomal enoyl hydratase-like protein (PXEL)	5993 ± 531	3958 ± 476	-1.51	0.00805
X92184	R.norvegicus mRNA for voltage-gated sodium channel (SNS)	6061 ± 361	3209 ± 561	-1.89	0.00324
AA875017	Rattus norvegicus cDNA, 3' end clone	6092 ± 698	3667 ± 680	-1.66	0.01255
L27843	Rat tyrosine phosphatase (PRL-1) mRNA, complete cds	6199 ± 523	10792 ± 918	1.74	0.00398
U36772	Rattus norvegicus glycerol-3-phosphate acyltransferase	635 ± 60	1093 ± 129	1.72	0.01343
U44091	Rattus norvegicus atrophin-1 related protein (rARP) mRNA, complete cds	665 ± 104	412 ± 94	-1.61	0.03614
X62839	R.rattus mRNA for potassium channel protein (3120 bp)	665 ± 42	398 ± 114	-1.67	0.04225
M57263	Rat protein-glutamine gamma-glutamyltransferase mRNA, complete cds	67 ± 16	1085 ± 113	16.14	0.00353
X81193	R.norvegicus mRNA for muscle LIM protein	677 ± 76	2676 ± 480	3.95	0.01675
AF028784	Rattus norvegicus glial fibrillary acidic protein alpha (GFAP) gene	690 ± 230	1222 ± 183	1.77	0.03744
AA944014	Rattus norvegicus cDNA, 3' end clone	694 ± 364	1511 ± 216	2.18	0.03936
U10894	Rattus norvegicus mRNA expressed in carotid artery tissue	702 ± 135	1617 ± 108	2.3	0.00097
D31873	Rat mRNA for LIMK-1, complete cds	7038 ± 969	4495 ± 128	-1.57	0.04302
AF000899	Rattus norvegicus p58/p45 mRNA, alternatively spliced form, clone H6, 3' end	719 ± 141	383 ± 80	-1.88	0.03389
D78588	Rat mRNA for diacylglycerol kinase, complete cds	7228 ± 1064	4491 ± 423	-1.61	0.03325
M86621	Rat dihydropyridine-sensitive L-type calcium channel alpha-2 subunit (CCHL2A)	7267 ± 1792	25005 ± 1485	3.44	0.00023
AA892647	Rattus norvegicus cDNA, 3' end clone	733 ± 186	1144 ± 175	1.56	0.04994
U05014	Rattus norvegicus Sprague/Dawley PHAS-I mRNA, complete cds	739 ± 120	1232 ± 213	1.67	0.03656
S56937	3-methylcholanthrene-inducible UDP-glucuronosyltransferase [rats, mRNA, 603 nt]	748 ± 23	1352 ± 241	1.81	0.04795

M34097	Rat natural killer (NK) cell protease 1 (RNKP-1) mRNA, complete cds	750 ± 142	1274 ± 70	1.7	0.0114
U78517	Rattus norvegicus cAMP-regulated guanine nucleotide exchange factor II (cAMP-GEFII)	754 ± 188	337 ± 129	-2.24	0.04025
X02341	Rat mRNA for vasoactive intestinal polypeptide (VIP) precursor	78 ± 15	1720 ± 206	21.98	0.00501
AA800243	Rattus norvegicus cDNA, 3' end clone	783 ± 47	1218 ± 185	1.55	0.04814
U96130	Rattus norvegicus glycogenin mRNA, partial cds	7839 ± 943	4757 ± 689	-1.65	0.01261
AI169327	Rattus norvegicus cDNA, 3' end clone	7871 ± 940	16706 ± 383	2.12	0.00122
L46593	Rattus norvegicus small proline-rich protein (spr) gene, complete cds	8005 ± 350	19324 ± 2527	2.41	0.01483
X61381	RRIMRNA R. rattus interferon induced mRNA	8020 ± 665	13207 ± 715	1.65	0.00079
AA866294	Rattus norvegicus cDNA, 3' end clone	806 ± 51	534 ± 33	-1.51	0.00279
AF072411	Rattus norvegicus fatty acid translocase/CD36 mRNA, complete cds	811 ± 174	1528 ± 246	1.88	0.01799
Y16188	Rattus norvegicus mRNA for XCE protein, partial	817 ± 79	1848 ± 213	2.26	0.00763
AI639308	Rat mixed-tissue library Rattus norvegicus cDNA clone rx00977 3	829 ± 159	460 ± 88	-1.8	0.03661
AA859643	Rattus norvegicus cDNA, 3' end clone	8322 ± 200	5227 ± 574	-1.59	0.00622
S49400	striatum enriched phosphatase=protein-tyrosine-phosphatase	848 ± 40	2575 ± 338	3.03	0.01171
AI180288	Rattus norvegicus cDNA, 3' end clone	854 ± 135	561 ± 101	-1.52	0.04368
J03624	Rat galanin (a neuropeptide) mRNA, complete cds	858 ± 269	24746 ± 1223	28.84	0.00053
AF000114	Rattus norvegicus paranodin mRNA, complete cds	8590 ± 244	5298 ± 1379	-1.62	0.04992
AA925717	Rattus norvegicus cDNA similar to Mus mus apoptosis associated tyrosine kinase	8667 ± 606	5638 ± 900	-1.54	0.01167
M65149	Rat CELF mRNA, complete cds	870 ± 36	1851 ± 189	2.13	0.01008
U09540	Rattus norvegicus Sprague-Dawley cytochrome P450 (CYP1B1)	879 ± 96	1815 ± 32	2.07	0.00157
X71127	R.norvegicus mRNA for complement protein C1q beta chain	880 ± 255	2923 ± 560	3.32	0.01266
AA892014	Rattus norvegicus cDNA, 3' end clone	884 ± 84	511 ± 100	-1.73	0.00829
M23566	Rattus norvegicus alpha-2-macroglobulin gene, 3' end	8995 ± 1046	21057 ± 3221	2.34	0.01565
X71127	R.norvegicus mRNA for complement protein C1q beta chain	909 ± 493	4497 ± 652	4.95	0.00213
AF058795	Rattus norvegicus GABA-B receptor gb2 mRNA, complete cds	9146 ± 1166	5593 ± 710	-1.64	0.01655
AI070295	Rattus norvegicus cDNA, 3' end clone	918 ± 300	2629 ± 593	2.86	0.0216
U47316	Rat R2 cerebellum cDNA clone LIAREST-2,	923 ± 210	1415 ± 195	1.53	0.0413
AF030050	Rattus norvegicus replication factor C mRNA, partial cds	931 ± 115	616 ± 41	-1.51	0.03057
U31203	Rattus norvegicus noggin (NOGGIN) mRNA, partial cds	943 ± 166	443 ± 6	-2.13	0.03455
E06822	cDNA encoding 20 alpha-HSD(20 alpha-hydroxysteroid dehydrogenase)	946 ± 89	613 ± 46	-1.54	0.0102
D10938	Rat gene for brain-derived neurotrophic factor (BDNF), complete cds	951 ± 217	1509 ± 115	1.59	0.02861
X56306	Rat mRNA of delta-preprotachykinin - a splicing variant of substance P precursor	9634 ± 1789	4478 ± 882	-2.15	0.02201
AF003835	Rattus norvegicus isopentenyl diphosphate-dimethylallyl diphosphate isomerase	9656 ± 1723	5996 ± 1432	-1.61	0.04924
M11596	Rat beta-type calcitonin gene-related peptide mRNA, complete cds	9689 ± 291	5922 ± 785	-1.64	0.00777
AJ131902	Rattus norvegicus mRNA for GAS-7 protein	9795 ± 1843	14945 ± 1328	1.53	0.02059
AF059030	Rattus norvegicus voltage-gated Na channel alpha subunit NaN mRNA	9894 ± 349	4685 ± 744	-2.11	0.00206