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| --- | --- | --- | --- | --- | --- | --- |
| Gene  | Description | Probe Set ID | Fold Change | q-value (%) | Accession number | Chr. |
| 1700029I01Rik |  | 1424784\_at | 1.305 | 7.326 | NM\_001083918  | 4E1 |
| 2010315B03Rik |  | 1438238\_at | 0.741 | 3.641 | XM\_001472446  | 9 |
| 2210418O10Rik |  | 1449910\_at | 0.741 | 7.326 | NM\_029813  | 2H4 |
| 2410129H14Rik |  | 1434664\_at | 0.697 | 2.043 | NM\_175245  | 14E2.2 |
| 2510017J16Rik |  | 1430393\_at | 0.751 | 3.641 |  | 5A1 |
| 2610005L07Rik |  | 1437717\_x\_at | 0.762 | 0.000 | XM\_001481304  | 8A1.3 |
| 2610005L07Rik |  | 1453589\_a\_at | 0.774 | 8.343 | XM\_001481304  | 8A1.3 |
| 2810043O03Rik |  | 1430195\_at | 0.753 | 8.343 |  | 9D |
| 4833441D16Rik | RIKEN cDNA 4833441D16  | 1456706\_at | 0.585 | 0.000 |  | 5A1 |
| A930011O12Rik |  | 1435453\_at | 1.303 | 0.000 |  | 14D1 |
| AI506816 |  | 1439483\_at | 3.378 | 0.000 | NR\_015554  | 5A3 |
| AK018172 |  | 1432198\_at | 0.457 | 0.000 |  | 19B |
| Akap9 | A kinase (PRKA) anchor protein (yotiao) 9 | 1455151\_at | 0.699 | 0.000 | NM\_194462  | 5A1 |
| Arrdc3 | arrestin domain containing 3 | 1459253\_at | 0.603 | 0.000 | NM\_001042591  | 13C3 |
| AU019852 |  | 1459497\_at | 1.396 | 0.000 |  | 14D1 |
| Auts2 | autism susceptibility candidate 2 | 1452379\_at | 1.391 | 7.326 | NM\_177047  | 5G2 |
| AV264602 |  | 1457191\_at | 0.757 | 7.326 |  | 3C |
| BB023775 |  | 1458525\_at | 1.285 | 0.000 |  | 16C3.3 |
| BB040120 |  | 1442893\_at | 0.459 | 0.000 |  | 6C3 |
| BB051515 |  | 1445307\_at | 0.511 | 0.000 |  | 5G2 |
| BB113018 |  | 1444956\_at | 0.773 | 8.343 |  | 5A3 |
| BB115513 |  | 1437126\_at | 1.336 | 8.343 |  | 6C1 |
| BB148843 |  | 1439928\_at | 1.247 | 3.283 |  | 11A3.3 |
| BB167280 |  | 1459420\_at | 1.409 | 0.000 |  | 5G1 |
| BB206454 |  | 1442760\_x\_at | 1.410 | 1.963 |  | 11A3.3 |
| BB337886 |  | 1440807\_at | 4.555 | 0.000 |  | 5A3 |
| BB341550 |  | 1443222\_at | 0.829 | 3.641 |  | 1H4 |
| BB373816 |  | 1439224\_at | 1.897 | 0.000 |  | 5A1 |
| BB451211 |  | 1446324\_at | 2.837 | 0.000 |  | 5A2 |
| BB474913 |  | 1446713\_at | 0.690 | 0.000 |  | 7F3 |
| BB523556 |  | 1440694\_at | 0.770 | 7.326 |  | 4C3 |
| BB534083 |  | 1442483\_at | 1.301 | 3.283 |  | 12C3 |
| BC046401 |  | 1439948\_at | 1.525 | 0.000 |  | 2H3 |
| BG070910 |  | 1460151\_at | 1.268 | 0.000 |  | 1A3 |
| BG075322 |  | 1444869\_at | 0.700 | 0.000 |  | 12C3 |
| BG145571 |  | 1438871\_at | 1.310 | 3.283 |  | 16C3.3 |
| BM117148 |  | 1459061\_at | 0.794 | 7.326 |  | 5G2 |
| BM211666 |  | 1437577\_at | 1.262 | 7.326 |  | 11A3.3 |
| BM238940 |  | 1445420\_at | 0.737 | 8.343 |  | 13C3 |
| BM239037 |  | 1439705\_at | 1.271 | 3.283 |  | 5A3 |
| Ccm1 | cerebral cavernous malformations 1 | 1428729\_at | 0.725 | 0.000 | NM\_030675  | 5A1 |
| Cyp51 | cytochrome P450, 51 | 1422533\_at | 0.595 | 0.000 | NM\_020010  | 5A1 |
| D19Ertd409e | DNA segment, Chr 19, ERATO Doi 409, expressed | 1440417\_at | 0.775 | 0.000 |  | 19C3 |
| Dcx | doublecortin | 1418141\_at | 0.741 | 2.043 | NM\_001110222  | XF2 |
| Dcx | doublecortin | 1448974\_at | 0.707 | 3.641 | NM\_001110222  | XF2 |
| Dep1 | diabetic embryopathy 1 | 1438892\_at | 1.292 | 3.283 |  | 17A1 |
| Dhcr24 | 24-dehydro-cholesterol reductase | 1418129\_at | 1.434 | 0.000 | NM\_053272  | 4C7 |
| Dzip1 | DAZ interacting protein 1 | 1443772\_at | 1.797 | 3.283 | NM\_025943  | 14E4 |
| Eif2s1 | eukaryotic translation initiation factor 2, subunit 1 α | 1420491\_at | 1.433 | 0.000 | NM\_026114  | 12C3 |
| Gm1060 | predicted gene 1060 | 1455279\_at | 0.782 | 8.343 | NM\_001033460  | 5B1 |
| Gnb1 | guanine nucleotide binding protein (G protein), β1 | 1425908\_at | 0.512 | 0.000 | NM\_001160016  | 4E2 |
| Gprc5b | G protein-coupled receptor, family C, group 5, member B | 1451411\_at | 0.748 | 3.641 | NM\_022420  | 7F2 |
| Gtf2ird1 | general transcription factor II I repeat domain-containing 1 | 1451899\_a\_at | 1.924 | 0.000 | NM\_001081462  | 5G2 |
| Hoxa5 | homeo box A5 | 1448926\_at | 1.306 | 7.326 | NM\_010453  | 6B3 |
| Hpvc-ps | Human papillomavirus 18 E5 central sequence motif, pseudogene | 1443905\_at | 0.564 | 0.000 | NM\_008283  | 5G1.3 |
| Hpvc-ps | Human papillomavirus 18 E5 central sequence motif, pseudogene | 1456880\_at | 1.466 | 0.000 | NM\_008283  | 5G1.3 |
| Kcnh1 | potassium voltage-gated channel, subfamily H (eag-related), member 1 | 1418414\_at | 0.632 | 0.000 | NM\_001038607  | 1H6 |
| Kin | antigenic determinant of rec-A protein | 1427317\_at | 0.753 | 7.326 | NM\_025280  | 2A1 |
| Lztfl1 | leucine zipper transcription factor-like 1 | 1428974\_s\_at | 0.756 | 0.000 | NM\_033322  | 9F4 |
| Lztfl1 | leucine zipper transcription factor-like 1 | 1435514\_at | 0.522 | 0.000 | NM\_033322  | 9F4 |
| Malat1 | metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA) | 1436202\_at | 0.797 | 7.326 | NR\_002847  | 19A |
| Mapk8 | mitogen activated protein kinase 8 | 1457936\_at | 0.605 | 0.000 | NM\_016700  | 14B |
| Mat2a | methionine adenosyl-transferase II, α | 1423667\_at | 0.758 | 0.000 | NM\_145569  | 6C1 |
| MGC7817 | hypothetical protein LOC620031 | 1425424\_at | 1.236 | 7.326 | XM\_884414  | 6G2 |
| Mospd3 | motile sperm domain containing 3 | 1460452\_at | 1.309 | 0.000 | NM\_030037  | 5G2 |
| Mphosph9 | M-phase phosphoprotein 9 | 1431053\_at | 0.347 | 0.000 | NM\_001081323  | 5F |
| Mphosph9 | M-phase phosphoprotein 9 | 1440915\_at | 0.734 | 0.000 | NM\_001081323  | 5F |
| Mrpl16 | mitochondrial ribosomal protein L16 | 1450880\_at | 1.421 | 0.000 | NM\_025606  | 19A |
| Ndel1 | nuclear distribution gene E-like homolog 1 | 1424893\_at | 1.465 | 0.000 | NM\_023668  | 11B3 |
| Nisch | nischarin | 1433758\_at | 1.247 | 7.326 | NM\_022656  | 14B |
| Npas3 | neuronal PAS domain protein 3 | 1450287\_at | 1.315 | 3.283 | NM\_013780  | 12C1 |
| Nudt21 | nudix (nucleoside diphosphate linked moiety X)-type motif 21 | 1437213\_at | 0.439 | 7.326 | NM\_026623  | 8C5 |
| Peg3 | paternally expressed 3 | 1417355\_at | 1.272 | 7.326 | NM\_008817  | 7A1 |
| Pep4 | peptidase 4 | 1416712\_at | 1.301 | 3.283 | NM\_008820  | 7B1 |
| Pex1 | peroxisomal biogenesis factor 1 | 1440267\_at | 0.573 | 0.000 | NM\_027777  | 5A2 |
| Polb | polymerase (DNA directed) β | 1439840\_at | 1.335 | 7.326 | NM\_011130  | 8A2 |
| Ppp1cb | protein phosphatase 1, catalytic subunit, β isoform | 1431328\_at | 0.609 | 0.000 | NM\_172707  | 5B1 |
| Ptprf | protein tyrosine phosphatase, receptor type, F | 1420843\_at | 1.300 | 8.343 | NM\_011213  | 4D2.1 |
| Qk | quaking | 1429735\_at | 0.782 | 7.326 | NM\_001159516  | 17A1 |
| RAB3C  | member RAS oncogene family | 1432415\_at | 0.799 | 7.326 | NM\_023852  | 13D2.2 |
| Ranbp2 | RAN binding protein 2 | 1440104\_at | 0.656 | 0.000 | NM\_011240  | 10B4 |
| Rgs5 | regulator of G-protein signaling 5 | 1420941\_at | 0.442 | 0.000 | NM\_009063  | 1H3 |
| Rtn4 | reticulon 4 | 1435284\_at | 1.462 | 0.000 | NM\_024226  | 11A3.3 |
| Rtn4 | reticulon 4 | 1439650\_at | 1.416 | 7.326 | NM\_024226  | 11A3.3 |
| Sbno | strawberry notch homolog 1 | 1426559\_at | 1.262 | 7.326 | NM\_001081203  | 5F |
| Setd1b | SET domain containing 1B | 1437353\_at | 1.290 | 7.326 | NM\_001040398  | 5F |
| Slc15a2 | solute carrier family 15 (H+/peptide transporter), member 2 | 1417600\_at | 1.421 | 7.326 | NM\_001145899  | 16B3 |
| Stx3 | syntaxin 3 | 1425530\_a\_at | 0.646 | 0.000 | NM\_001025307  | 19A |
| Thrap2 | thyroid hormone receptor associated protein  | 1453906\_at | 0.695 | 0.000 | NM\_172424  | 5F |
| Trpm3 | transient receptor potential cation channel, subfamily M, member 3 | 1456923\_at | 0.703 | 0.000 | NM\_001035239  | 19B |
| Zfr | Zinc finger RNA binding protein | 1442311\_at | 1.301 | 0.000 | NM\_011767  | 15A1 |
| Zkscan1 | zinc finger with KRAB and SCAN domains 1 | 1440771\_at | 0.686 | 2.043 | NM\_029869  | 5G2 |
| Zswim6 | Zinc finger, SWIM domain containing 6 | 1459722\_at | 0.729 | 3.641 | NM\_145456  | 13D2.1 |