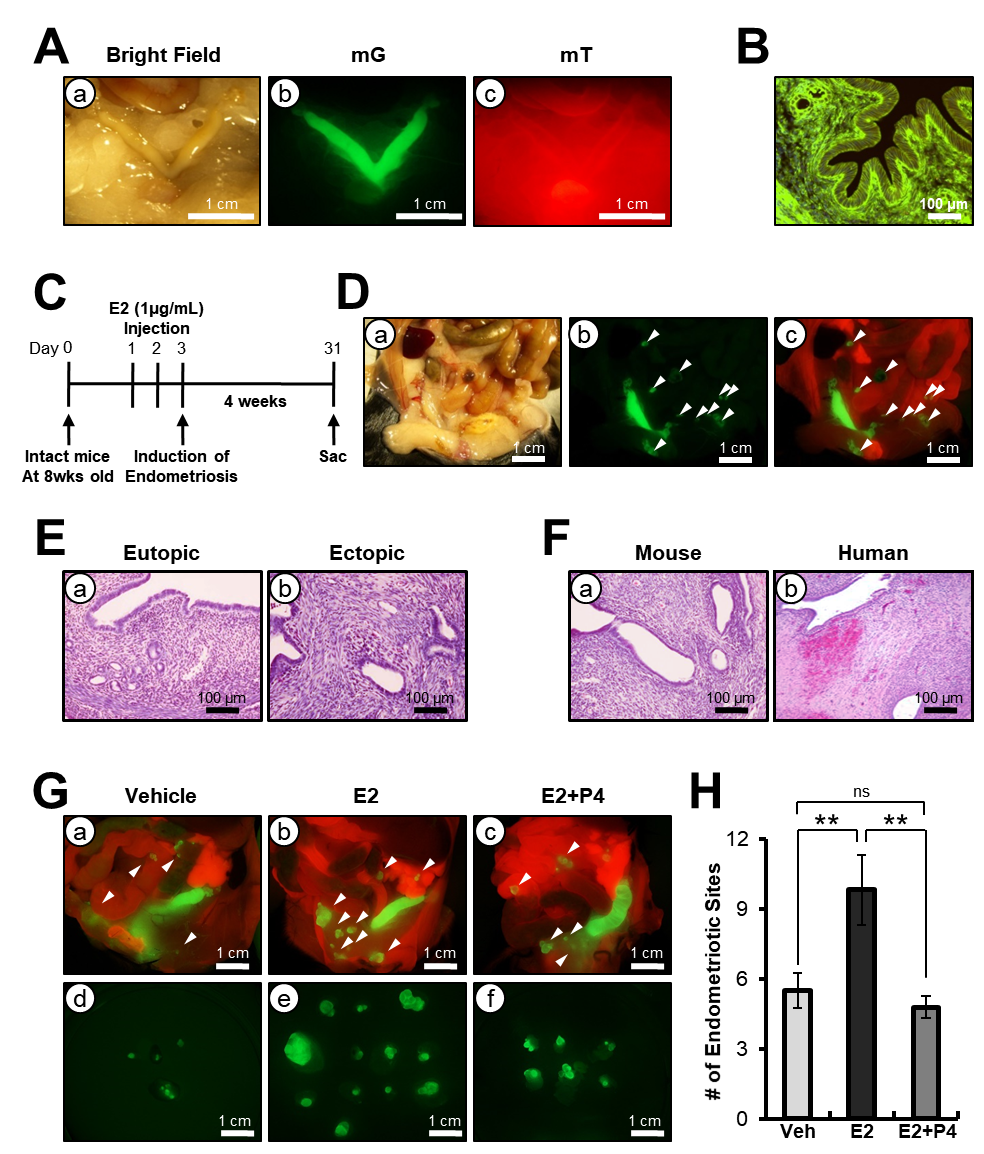
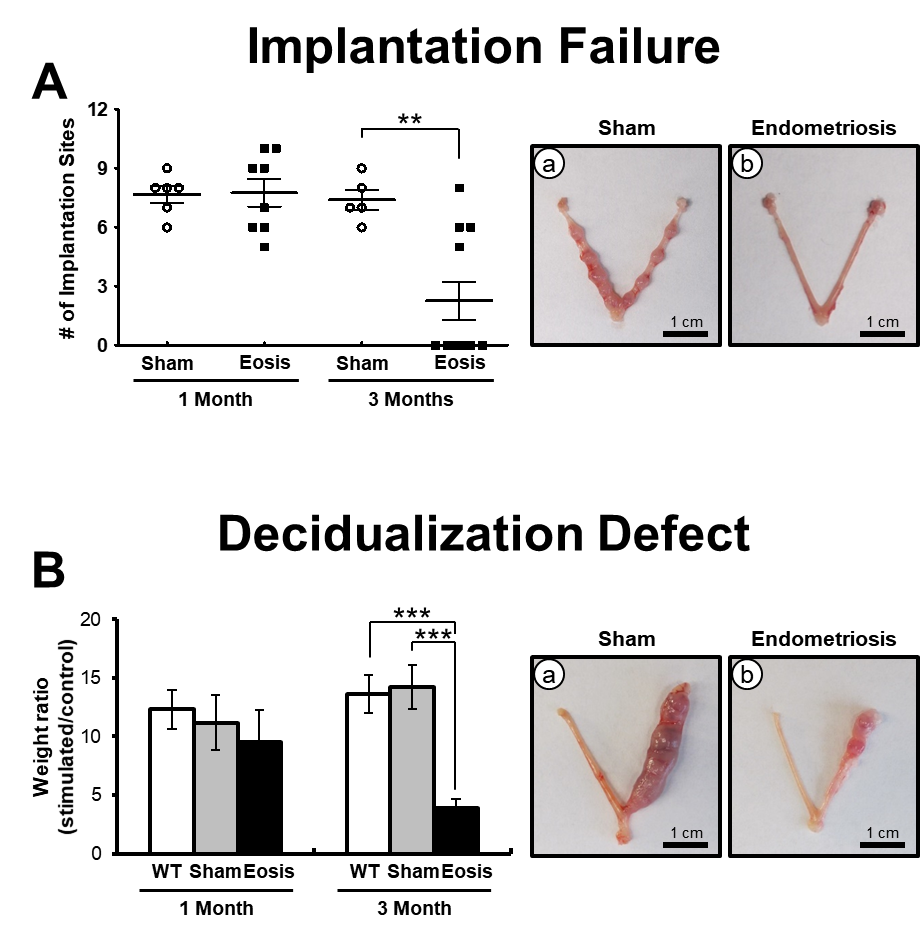
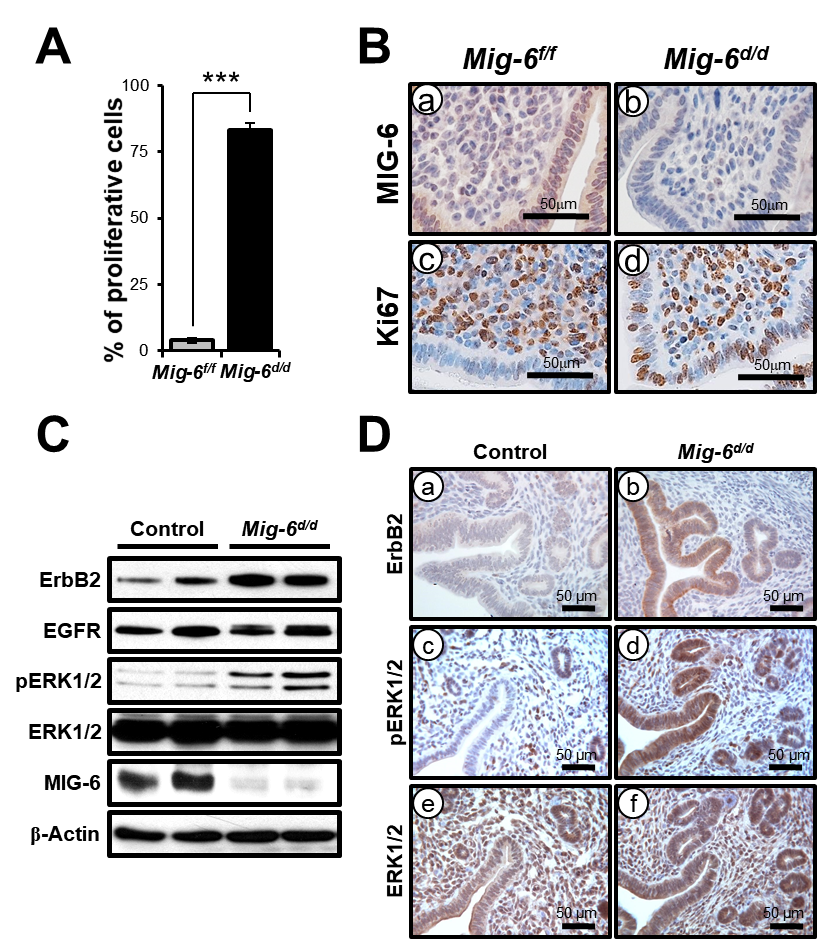
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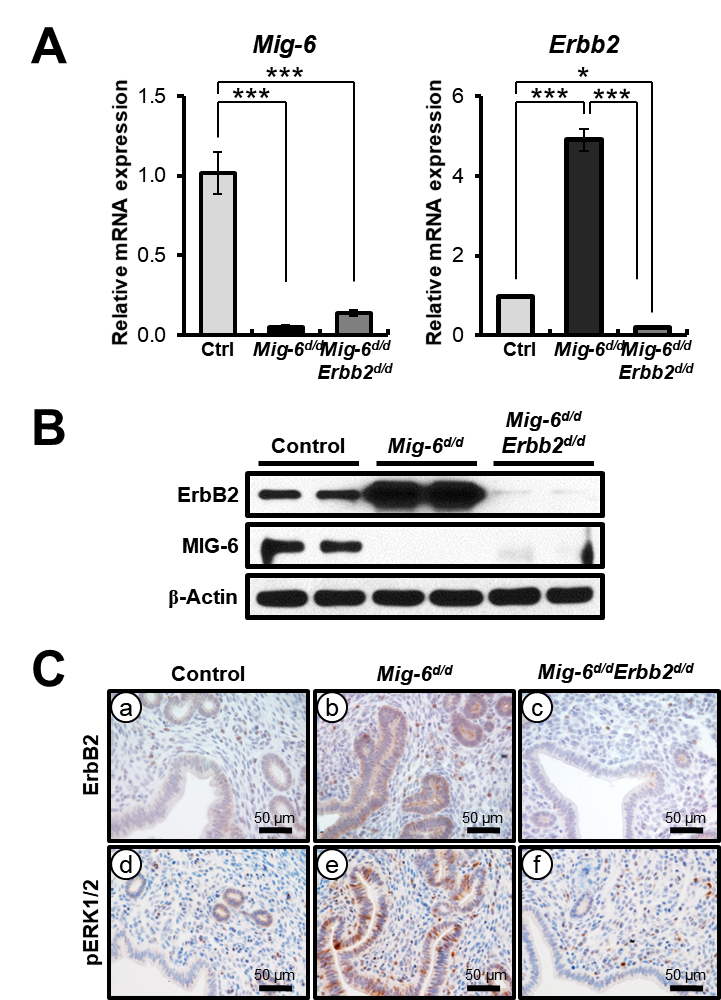
**Fig. S1. Development a mouse model of endometriosis in *Pgrcre/+Rosa26mT/mG* mice with a double-fluorescent Cre reporter. A,** Double-fluorescence based on Cre-recombinase activity in *Pgrcre/+Rosa26mT/mG* mice. **B,** Green fluorescence photomicrographs in uterus of *Pgrcre/+Rosa26mT/mG* mice. **C,** Process schematic diagram of the mouse model of endometriosis based on *mT/mG* mice. **D,** Fluorescence photomicrographs of endometriotic sites in *Pgrcre/+Rosa26mT/mG* mice. **E,** Hematoxylin and eosin (H&E) staining of eutopic endometrium and ectopic lesion in mouse model of endometriosis. **F,** H&E staining of ectopic lesions of mouse model of endometriosis and women with endometriosis. **G, H,** Fluorescence photomicrographs (G) and average total number (H) of endometriosis lesions in *Pgrcre/+mT/mG* mice treated with vehicle, E2, and E2+P4 for 1 month (n=6 or more per treatment). Arrowheads indicate lesions attached to the outside of uterus. Mean ± SEM, \*\* p<0.01, ANOVA followed by Tukey test.



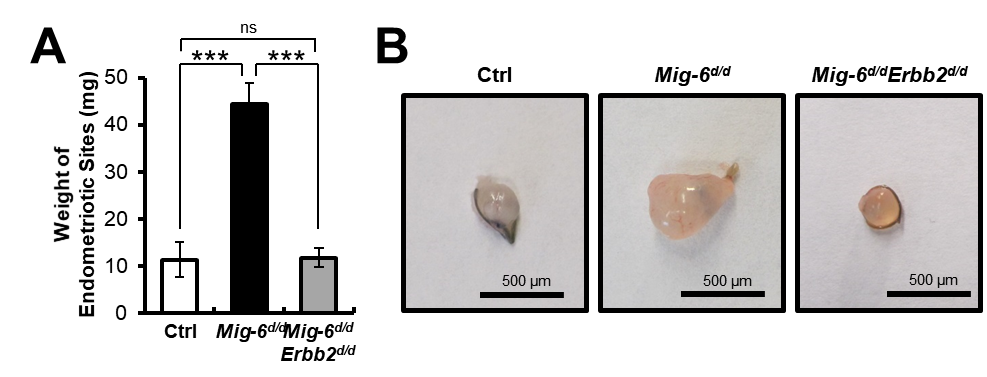
**Fig. S2.** **Defects of implantation and decidualization in the mouse with endometriosis. A,** Average number and uterine images of implantation sites at GD 7.5 in mice with endometriosis on 1 and 3 months after endometriosis induction (n=5 or more per period). **B,** Average ratio of stimulated uterine weight to control weight and uterine images of mice with endometriosis after artificially induced decidualization (n=5 or more per period). Mean ± SEM, \*\* p<0.01 and \*\*\* p<0.001, ANOVA followed by Tukey test.

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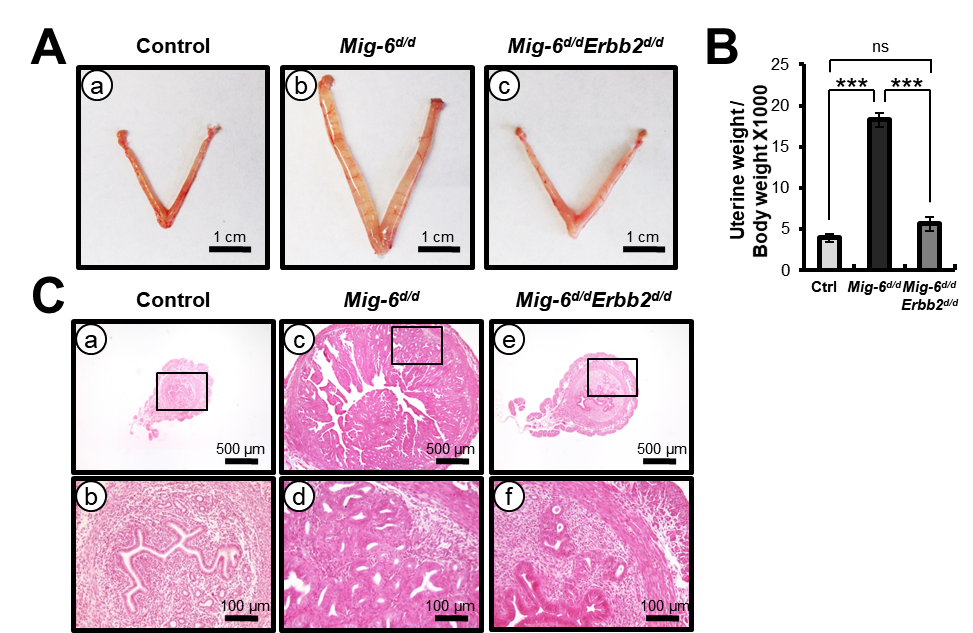
**Fig. S3. Aberrant activation of epithelial proliferation through ErbB2-ERK signaling by *Mig-6* loss. A, B,** The percentage (A) and representative photomicrograph of immunohistochemistry analysis (B) of Ki67 expressing as a proliferation marker in the endometrial epithelium of control and *Mig-6d/d* mice at GD 3.5 (n=5 per genotype). Mean ± SEM, \*\*\* p<0.001, Student’s t test. **C,** Western blot analysis of ErbB2, EGFR, pERK1/2, total ERK1/2, and MIG-6 in the uterus of control and *Mig-6d/d* mice at GD 3.5. β-actin was used as sample-loading control. **D,** Immunohistochemistry analysis of ErbB2, pERK1/2, total ERK1/2 in the uterus of control and *Mig-6d/d* mice at GD 3.5.

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**Fig. S4. Generation of *Mig-6d/dErbb2d/d* mice. A,** RT-qPCR analysis of *Mig-6* and *Erbb2* gene expression in the uterus of control, *Mig-6d/d*, and *Mig-6d/dErbb2d/d* mice (n = 6 per genotype). Mean ± SEM, \* p<0.05 and \*\*\* p<0.001, ANOVA followed by Tukey test. **B, C,** Western blot analysis of ErbB2 and MIG-6 proteins (B) and immunohistochemistry analysis of ErbB2 and pERK1/2 (C) in the uterus of control, *Mig-6d/d*, and *Mig-6d/dErbb2d/d* mice. β-actin was used as sample-loading control.

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**Fig. S5. Effect of ErbB2 loss on endometriotic lesion development. A,** Quantitative weights of uteri in control, *Mig-6d/d*, and *Mig-6d/dErbb2d/d* mice (n=4 or more per genotype). Mean ± SEM, \*\*\* p<0.001, ANOVA followed by Tukey test. **B,** endometriotic lesions of control, *Mig-6d/d*, and *Mig-6d/dErbb2d/d* mice.

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**Fig. S6.** **Reversal of endometrial hyperplasia in *Mig-6d/d* miceby *Erbb2* double ablation. A,** Uterine images of 5-month-old control, *Mig-6d/d*, and *Mig-6d/dErbb2d/d* mice. **B,** Quantitative weights of uteri in control, *Mig-6d/d*, and *Mig-6d/dErbb2d/d* mice (n=4 or more per genotype). Mean ± SEM, \*\*\* p<0.001, ANOVA followed by Tukey test. C**,** H&E staining in paired endometrium of 5-month-old control, *Mig-6d/d*, and *Mig-6d/dErbb2d/d* mice.

**Table S1.** The rescue of the infertility by *Mig-6* ablation in the *Mig-6*/*Erbb2* double ablation mice observed in a 6-month fertility trial.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Genotype | Number of Litters | Number of Pups | Average Pups/Litter | Average Number of Litters/mouse |
| Control | 27 | 196 | 7.29 ± 0.29 | 5.40 ± 0.40 |
| *Mig-6d/dErbb2d/d* | 24 | 156 | 6.40 ± 0.49 | 4.80 ± 0.49 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Table S2**. List of genes regulated by *Mig-6* ablation | | | | |
| **Probe Set ID** | **Accession\_ID** | **Gene** | **Description** | **Fold** |
| 1419549\_at | NM\_007482 | Arg1 | arginase, liver | 35.89 |
| 1419167\_at | NM\_009475 | Prap1 | proline-rich acidic protein 1 | 35.02 |
| 1449133\_at | NM\_009264 | Sprr1a | small proline-rich protein 1A | 28.42 |
| 1455996\_x\_at | NM\_009475 | Prap1 | proline-rich acidic protein 1 | 27.33 |
| 1419230\_at | NM\_010661 | Krt12 | keratin 12 | 24.89 |
| 1449254\_at | NM\_009263 | Spp1 | secreted phosphoprotein 1 | 24.62 |
| 1450618\_a\_at | NM\_001164787 | Sprr2a1 /// Sprr2a2 | small proline-rich protein 2A1 /// small proline-rich protein 2A2 | 22.72 |
| 1416306\_at | NM\_017474 | Clca3 | chloride channel calcium activated 3 | 22.57 |
| 1438555\_x\_at | NM\_080457 | Muc4 | mucin 4 | 20.00 |
| 1439016\_x\_at | NM\_001164787 | Sprr2a1 /// Sprr2a2 /// Sprr2a3 | small proline-rich protein 2A1 /// small proline-rich protein 2A2 /// small proline-rich protein 2A3 | 19.55 |
| 1419231\_s\_at | NM\_010661 | Krt12 | keratin 12 | 17.86 |
| 1418649\_at | NM\_028133 | Egln3 | EGL nine homolog 3 (C. elegans) | 15.92 |
| 1427747\_a\_at | NM\_008491 | Lcn2 | lipocalin 2 | 15.37 |
| 1429950\_at | NM\_152823 | Unc5cl | unc-5 homolog C (C. elegans)-like | 14.39 |
| 1450009\_at | NM\_008522 | Ltf | lactotransferrin | 12.42 |
| 1455531\_at | NM\_001114662 | Mfsd4 | major facilitator superfamily domain containing 4 | 10.88 |
| 1436021\_at | NM\_001114662 | Mfsd4 | major facilitator superfamily domain containing 4 | 10.79 |
| 1434449\_at | NM\_009700 | Aqp4 | aquaporin 4 | 10.17 |
| 1452614\_at | NM\_001142959 | Bcl2l15 | BCLl2-like 15 | 9.11 |
| 1448566\_at | NM\_016917 | Slc40a1 | solute carrier family 40 (iron-regulated transporter), member 1 | 9.00 |
| 1419615\_at | NM\_022413 | Trpv6 | transient receptor potential cation channel, subfamily V, member 6 | 8.54 |
| 1450194\_a\_at | NM\_010848 | Myb | myeloblastosis oncogene | 8.29 |
| 1418405\_at | NM\_019447 | Hgfac | hepatocyte growth factor activator | 8.28 |
| 1421317\_x\_at | NM\_010848 | Myb | myeloblastosis oncogene | 8.07 |
| 1420352\_at | NM\_133731 | Prss22 | protease, serine, 22 | 7.91 |
| 1418509\_at | NM\_007621 | Cbr2 | carbonyl reductase 2 | 7.64 |
| 1420378\_at | NM\_009160 | Sftpd | surfactant associated protein D | 7.42 |
| 1422734\_a\_at | NM\_010848 | Myb | myeloblastosis oncogene | 7.28 |
| 1452716\_at | NM\_027464 | 5730469M10Rik | RIKEN cDNA 5730469M10 gene | 7.19 |
| 1425233\_at | NM\_144544 | 2210407C18Rik | RIKEN cDNA 2210407C18 gene | 7.11 |
| 1423323\_at | NM\_020047 | Tacstd2 | tumor-associated calcium signal transducer 2 | 7.04 |
| 1417957\_a\_at | NM\_133681 | Tspan1 | tetraspanin 1 | 6.87 |
| 1422760\_at | NM\_011061 | Padi4 | peptidyl arginine deiminase, type IV | 6.62 |
| 1453352\_at | NM\_176999 | Atp10b | ATPase, class V, type 10B | 6.56 |
| 1423804\_a\_at | NM\_145360 | Idi1 | isopentenyl-diphosphate delta isomerase | 6.46 |
| 1436237\_at | NM\_001033149 | Ttc9 | tetratricopeptide repeat domain 9 | 6.45 |
| 1423952\_a\_at | NM\_033073 | Krt7 | keratin 7 | 6.43 |
| 1417314\_at | NM\_001142706 | C2 /// Cfb | complement component 2 (within H-2S) /// complement factor B | 6.28 |
| 1417895\_a\_at | NM\_025452 | Tmem54 | transmembrane protein 54 | 6.20 |
| 1427711\_a\_at | NM\_001039185 | Ceacam1 | carcinoembryonic antigen-related cell adhesion molecule 1 | 6.17 |
| 1425382\_a\_at | NM\_009700 | Aqp4 | aquaporin 4 | 6.08 |
| 1451461\_a\_at | NM\_009657 | Aldoc | aldolase C, fructose-bisphosphate | 5.98 |
| 1435693\_at | NM\_145532 | Mall | mal, T-cell differentiation protein-like | 5.97 |
| 1419323\_at | NM\_011059 | Padi1 | peptidyl arginine deiminase, type I | 5.93 |
| 1424600\_at | NM\_001161621 | Abp1 | amiloride binding protein 1 (amine oxidase, copper-containing) | 5.86 |
| 1449833\_at | NM\_011472 | Sprr2f | small proline-rich protein 2F | 5.86 |
| 1416271\_at | NM\_022032 | Perp | PERP, TP53 apoptosis effector | 5.79 |
| 1417588\_at | NM\_015736 | Galnt3 | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3 | 5.74 |
| 1447774\_x\_at | NM\_027464 | 5730469M10Rik | RIKEN cDNA 5730469M10 gene | 5.73 |
| 1452532\_x\_at | NM\_001039185 | Ceacam1 | carcinoembryonic antigen-related cell adhesion molecule 1 | 5.65 |
| 1425675\_s\_at | NM\_001039185 | Ceacam1 | carcinoembryonic antigen-related cell adhesion molecule 1 | 5.57 |
| 1424966\_at | NM\_001168256 | Tmem40 | transmembrane protein 40 | 5.51 |
| 1449199\_at | NM\_013605 | Muc1 | mucin 1, transmembrane | 5.51 |
| 1425065\_at | NM\_145227 | Oas2 | 2'-5' oligoadenylate synthetase 2 | 5.51 |
| 1425538\_x\_at | NM\_001039185 | Ceacam1 | carcinoembryonic antigen-related cell adhesion molecule 1 | 5.51 |
| 1427042\_at | NM\_178920 | Mal2 | mal, T-cell differentiation protein 2 | 5.49 |
| 1451786\_at | NM\_001145874 | Muc20 | mucin 20 | 5.47 |
| 1422123\_s\_at | NM\_001039185 | Ceacam1 /// Ceacam2 | carcinoembryonic antigen-related cell adhesion molecule 1 /// carcinoembryonic antigen-related cell adhesion molecule 2 | 5.47 |
| 1429520\_a\_at | NM\_025408 | Acer3 | alkaline ceramidase 3 | 5.46 |
| 1423078\_a\_at | NM\_025436 | Sc4mol | sterol-C4-methyl oxidase-like | 5.45 |
| 1438306\_at | NM\_027934 | Rnf180 | ring finger protein 180 | 5.35 |
| 1419571\_at | NM\_022317 | Slc28a3 | solute carrier family 28 (sodium-coupled nucleoside transporter), member 3 | 5.33 |
| 1435308\_at | NM\_010243 | Fut9 | fucosyltransferase 9 | 5.28 |
| 1427630\_x\_at | NM\_001039185 | Ceacam1 | carcinoembryonic antigen-related cell adhesion molecule 1 | 5.26 |
| 1426872\_at | NM\_001122603 | Fcgbp | Fc fragment of IgG binding protein | 5.25 |
| 1450646\_at | NM\_020010 | Cyp51 | cytochrome P450, family 51 | 5.22 |
| 1418449\_at | NM\_133664 | Lad1 | ladinin | 5.21 |
| 1460682\_s\_at | NM\_001039185 | Ceacam1 /// Ceacam2 | carcinoembryonic antigen-related cell adhesion molecule 1 /// carcinoembryonic antigen-related cell adhesion molecule 2 | 5.21 |
| 1438799\_at | NR\_015388 | Dlx6os1 | Dlx6 opposite strand transcript 1 | 5.16 |
| 1438512\_at | NM\_001193274 | BC048679 | cDNA sequence BC048679 | 5.11 |
| 1443933\_at | NM\_001082976 | Tc2n | tandem C2 domains, nuclear | 5.08 |
| 1450494\_x\_at | NM\_001039185 | Ceacam1 | carcinoembryonic antigen-related cell adhesion molecule 1 | 5.06 |
| 1438160\_x\_at | NM\_148933 | Slco4a1 | solute carrier organic anion transporter family, member 4a1 | 5.06 |
| 1416596\_at | NM\_023557 | Slc44a4 | solute carrier family 44, member 4 | 5.06 |
| 1448752\_at | NM\_009801 | Car2 | carbonic anhydrase 2 | 5.04 |
| 1417061\_at | NM\_016917 | Slc40a1 | solute carrier family 40 (iron-regulated transporter), member 1 | 5.04 |
| 1437760\_at | NM\_172693 | Galnt12 | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 12 | 5.02 |
| 1417958\_at | NM\_133681 | Tspan1 | tetraspanin 1 | 4.99 |
| 1457409\_at | NM\_010243 | Fut9 | fucosyltransferase 9 | 4.87 |
| 1452087\_at | NM\_029495 | Epsti1 | epithelial stromal interaction 1 (breast) | 4.84 |
| 1432418\_a\_at | NM\_009897 | Ckmt1 | creatine kinase, mitochondrial 1, ubiquitous | 4.74 |
| 1425298\_a\_at | NM\_008670 | Naip1 | NLR family, apoptosis inhibitory protein 1 | 4.70 |
| 1447227\_at | AI504711 | --- |  | 4.64 |
| 1426302\_at | NM\_145403 | Tmprss4 | transmembrane protease, serine 4 | 4.60 |
| 1451527\_at | NM\_029620 | Pcolce2 | procollagen C-endopeptidase enhancer 2 | 4.53 |
| 1451532\_s\_at | NM\_027399 | Steap1 | six transmembrane epithelial antigen of the prostate 1 | 4.51 |
| 1442819\_at | NM\_183163 | Rhbdl2 | rhomboid, veinlet-like 2 (Drosophila) | 4.50 |
| 1451122\_at | NM\_145360 | Idi1 | isopentenyl-diphosphate delta isomerase | 4.45 |
| 1451191\_at | NM\_007759 | Crabp2 | cellular retinoic acid binding protein II | 4.45 |
| 1451895\_a\_at | NM\_053272 | Dhcr24 | 24-dehydrocholesterol reductase | 4.45 |
| 1448393\_at | NM\_001193619 | Cldn7 | claudin 7 | 4.40 |
| 1416916\_at | NM\_001163131 | Elf3 | E74-like factor 3 | 4.39 |
| 1431805\_a\_at | NM\_027897 | Rhpn2 | rhophilin, Rho GTPase binding protein 2 | 4.38 |
| 1455186\_a\_at | NM\_029821 | 1190003J15Rik | RIKEN cDNA 1190003J15 gene | 4.37 |
| 1422533\_at | NM\_020010 | Cyp51 | cytochrome P450, family 51 | 4.35 |
| 1452326\_at | NM\_026922 | Atp2c2 | ATPase, Ca++ transporting, type 2C, member 2 | 4.34 |
| 1423418\_at | NM\_134469 | Fdps | farnesyl diphosphate synthetase | 4.31 |
| 1452661\_at | NM\_011638 | Tfrc | transferrin receptor | 4.28 |
| 1451610\_at | NM\_153576 | Cxcl17 | chemokine (C-X-C motif) ligand 17 | 4.27 |
| 1448734\_at | NM\_001042611 | Cp | ceruloplasmin | 4.27 |
| 1460681\_at | NM\_001039185 | Ceacam1 | carcinoembryonic antigen-related cell adhesion molecule 1 | 4.17 |
| 1444524\_at | NR\_028589 | Gm14005 | predicted gene 14005 | 4.16 |
| 1454169\_a\_at | NM\_029495 | Epsti1 | epithelial stromal interaction 1 (breast) | 4.15 |
| 1443163\_at | NM\_001039676 | Slc39a2 | solute carrier family 39 (zinc transporter), member 2 | 4.13 |
| 1441917\_s\_at | NM\_001168256 | Tmem40 | transmembrane protein 40 | 4.09 |
| 1431786\_s\_at | NM\_029821 | 1190003J15Rik | RIKEN cDNA 1190003J15 gene | 4.08 |
| 1416673\_at | NM\_019517 | Bace2 | beta-site APP-cleaving enzyme 2 | 4.07 |
| 1428719\_at | XM\_913918 | 2010309G21Rik /// Igl-C2 | RIKEN cDNA 2010309G21 gene /// immunoglobulin lambda chain, constant region 2 | 4.07 |
| 1451457\_at | NM\_172769 | Sc5d | sterol-C5-desaturase (fungal ERG3, delta-5-desaturase) homolog (S. cerevisae) | 4.06 |
| 1435945\_a\_at | NM\_001163510 | Kcnn4 | potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4 | 4.05 |
| 1423954\_at | NM\_009778 | C3 | complement component 3 | 3.99 |
| 1453282\_at | NM\_001025192 | Cxadr | coxsackie virus and adenovirus receptor | 3.95 |
| 1451860\_a\_at | NM\_009099 | Trim30a | tripartite motif-containing 30A | 3.95 |
| 1434628\_a\_at | NM\_027897 | Rhpn2 | rhophilin, Rho GTPase binding protein 2 | 3.94 |
| 1452703\_at | NM\_001171000 | Ahcyl2 | S-adenosylhomocysteine hydrolase-like 2 | 3.92 |
| 1424938\_at | NM\_027399 | Steap1 | six transmembrane epithelial antigen of the prostate 1 | 3.90 |
| 1417089\_a\_at | NM\_009897 | Ckmt1 | creatine kinase, mitochondrial 1, ubiquitous | 3.88 |
| 1420017\_at | NM\_001168679 | Tspan8 | tetraspanin 8 | 3.88 |
| 1439045\_x\_at | NM\_001082976 | Tc2n | tandem C2 domains, nuclear | 3.81 |
| 1452354\_at | NM\_001144992 | 2810459M11Rik | RIKEN cDNA 2810459M11 gene | 3.80 |
| 1452861\_at | NM\_028096 | 2010300C02Rik | RIKEN cDNA 2010300C02 gene | 3.79 |
| 1426300\_at | NM\_009655 | Alcam | activated leukocyte cell adhesion molecule | 3.78 |
| 1436590\_at | NM\_177741 | Ppp1r3b | protein phosphatase 1, regulatory (inhibitor) subunit 3B | 3.78 |
| 1423271\_at | NM\_008125 | Gjb2 | gap junction protein, beta 2 | 3.76 |
| 1417155\_at | NM\_008709 | Mycn | v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian) | 3.74 |
| 1418129\_at | NM\_053272 | Dhcr24 | 24-dehydrocholesterol reductase | 3.73 |
| 1424140\_at | NM\_178389 | Gale | galactose-4-epimerase, UDP | 3.72 |
| 1433579\_at | NM\_178715 | Tmem30b | transmembrane protein 30B | 3.70 |
| 1418025\_at | NM\_011498 | Bhlhe40 | basic helix-loop-helix family, member e40 | 3.69 |
| 1417884\_at | NM\_001029842 | Slc16a6 | solute carrier family 16 (monocarboxylic acid transporters), member 6 | 3.67 |
| 1417495\_x\_at | NM\_001042611 | Cp | ceruloplasmin | 3.62 |
| 1418252\_at | NM\_008812 | Padi2 | peptidyl arginine deiminase, type II | 3.59 |
| 1437467\_at | NM\_009655 | Alcam | activated leukocyte cell adhesion molecule | 3.56 |
| 1455577\_at | NM\_020279 | Ccl28 | chemokine (C-C motif) ligand 28 | 3.54 |
| 1455618\_x\_at | NM\_146173 | Tspan33 | tetraspanin 33 | 3.53 |
| 1417373\_a\_at | NM\_009447 | Tuba4a | tubulin, alpha 4A | 3.52 |
| 1431076\_at | NM\_013458 | Add2 | adducin 2 (beta) | 3.52 |
| 1418734\_at | NM\_010392 | H2-Q2 | histocompatibility 2, Q region locus 2 | 3.52 |
| 1421525\_a\_at | NM\_010870 | Naip5 | NLR family, apoptosis inhibitory protein 5 | 3.48 |
| 1416034\_at | NM\_009846 | Cd24a | CD24a antigen | 3.47 |
| 1417214\_at | NM\_001082553 | Rab27b | RAB27b, member RAS oncogene family | 3.46 |
| 1450218\_at | NM\_020279 | Ccl28 | chemokine (C-C motif) ligand 28 | 3.45 |
| 1429239\_a\_at | NM\_133774 | Stard4 | StAR-related lipid transfer (START) domain containing 4 | 3.43 |
| 1417019\_a\_at | NM\_001025779 | Cdc6 | cell division cycle 6 homolog (S. cerevisiae) | 3.41 |
| 1426911\_at | NM\_013505 | Dsc2 | desmocollin 2 | 3.38 |
| 1417156\_at | NM\_008471 | Krt19 | keratin 19 | 3.35 |
| 1418076\_at | NM\_011176 | St14 | suppression of tumorigenicity 14 (colon carcinoma) | 3.34 |
| 1438021\_at | NM\_001127382 | Rbm47 | RNA binding motif protein 47 | 3.33 |
| 1428720\_s\_at | XM\_913918 | 2010309G21Rik /// Igl-C2 /// Igl-C3 | RIKEN cDNA 2010309G21 gene /// immunoglobulin lambda chain, constant region 2 /// immunoglobulin lambda chain, constant region 3 | 3.33 |
| 1416200\_at | NM\_001164724 | Il33 | interleukin 33 | 3.31 |
| 1453509\_at | NM\_026671 | Lypd2 | Ly6/Plaur domain containing 2 | 3.29 |
| 1431609\_a\_at | NM\_001102404 | Acp5 | acid phosphatase 5, tartrate resistant | 3.29 |
| 1435452\_at | NM\_175507 | Tmem20 | transmembrane protein 20 | 3.28 |
| 1417896\_at | NM\_013769 | Tjp3 | tight junction protein 3 | 3.26 |
| 1418203\_at | NM\_021451 | Pmaip1 | phorbol-12-myristate-13-acetate-induced protein 1 | 3.26 |
| 1438435\_at | NM\_025408 | Acer3 | alkaline ceramidase 3 | 3.25 |
| 1424305\_at | NM\_152839 | Igj | immunoglobulin joining chain | 3.23 |
| 1439528\_at | NM\_001081664 | 4833423E24Rik | RIKEN cDNA 4833423E24 gene | 3.23 |
| 1430307\_a\_at | NM\_008615 | Me1 | malic enzyme 1, NADP(+)-dependent, cytosolic | 3.22 |
| 1438408\_at | NM\_175270 | Ankrd56 | ankyrin repeat domain 56 | 3.20 |
| 1424404\_at | NM\_029554 | 0610040J01Rik | RIKEN cDNA 0610040J01 gene | 3.20 |
| 1421653\_a\_at | NM\_134051 | Igh-2 /// Igh-VJ558 /// LOC544903 | immunoglobulin heavy chain 2 (serum IgA) /// immunoglobulin heavy chain (J558 family) /// similar to immunoglobulin mu-chain | 3.19 |
| 1437846\_x\_at | NM\_019517 | Bace2 | beta-site APP-cleaving enzyme 2 | 3.18 |
| 1438322\_x\_at | NM\_010191 | Fdft1 | farnesyl diphosphate farnesyl transferase 1 | 3.17 |
| 1421038\_a\_at | NM\_001163510 | Kcnn4 | potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4 | 3.17 |
| 1417494\_a\_at | NM\_001042611 | Cp | ceruloplasmin | 3.16 |
| 1450781\_at | NM\_010441 | Hmga2 | high mobility group AT-hook 2 | 3.16 |
| 1448130\_at | NM\_010191 | Fdft1 | farnesyl diphosphate farnesyl transferase 1 | 3.15 |
| 1422666\_at | NM\_001161844 | Cblc | Casitas B-lineage lymphoma c | 3.14 |
| 1429891\_at | NM\_029341 | Capsl | calcyphosine-like | 3.14 |
| 1418648\_at | NM\_028133 | Egln3 | EGL nine homolog 3 (C. elegans) | 3.09 |
| 1437767\_s\_at | NM\_010241 | Aktip | thymoma viral proto-oncogene 1 interacting protein | 3.07 |
| 1449424\_at | NM\_013738 | Plek2 | pleckstrin 2 | 3.06 |
| 1421362\_a\_at | NM\_001159544 | Frk | fyn-related kinase | 3.06 |
| 1453264\_at | NM\_028584 | Marveld3 | MARVEL (membrane-associating) domain containing 3 | 3.05 |
| 1455649\_at | NM\_001033149 | Ttc9 | tetratricopeptide repeat domain 9 | 3.05 |
| 1424180\_a\_at | NM\_011869 | Med24 | mediator complex subunit 24 | 3.03 |
| 1417961\_a\_at | NM\_009099 | Trim30a | tripartite motif-containing 30A | 3.02 |
| 1430234\_at | NM\_027843 | Arl14 | ADP-ribosylation factor-like 14 | 3.01 |
| 1426570\_a\_at | NM\_001159544 | Frk | fyn-related kinase | 3.01 |
| 1427302\_at | NM\_134005 | Enpp3 | ectonucleotide pyrophosphatase/phosphodiesterase 3 | 3.01 |
| 1434210\_s\_at | NM\_008377 | Lrig1 | leucine-rich repeats and immunoglobulin-like domains 1 | 3.00 |
| 1417374\_at | NM\_009447 | Tuba4a | tubulin, alpha 4A | 3.00 |
| 1430111\_a\_at | NM\_001024468 | Bcat1 | branched chain aminotransferase 1, cytosolic | 3.00 |
| 1435050\_at | NM\_001033258 | D10Bwg1379e | DNA segment, Chr 10, Brigham & Women's Genetics 1379 expressed | 2.99 |
| 1439753\_x\_at | NM\_011382 | Six4 | sine oculis-related homeobox 4 homolog (Drosophila) | 2.99 |
| 1425763\_x\_at | BC019425 | Igh-2 /// Igh-VJ558 /// LOC544903 | immunoglobulin heavy chain 2 (serum IgA) /// immunoglobulin heavy chain (J558 family) /// similar to immunoglobulin mu-chain | 2.99 |
| 1449896\_at | NM\_053015 | Mlph | melanophilin | 2.97 |
| 1439764\_s\_at | NM\_183029 | Igf2bp2 | insulin-like growth factor 2 mRNA binding protein 2 | 2.96 |
| 1428527\_at | NM\_001190156 | Snx7 | sorting nexin 7 | 2.95 |
| 1434109\_at | NM\_172507 | Sh3bgrl2 | SH3 domain binding glutamic acid-rich protein like 2 | 2.93 |
| 1457157\_at | NM\_001177732 | Plch1 | phospholipase C, eta 1 | 2.91 |
| 1453442\_at | AK009785 | 2310043M15Rik | RIKEN cDNA 2310043M15 gene | 2.90 |
| 1451407\_at | NM\_001177886 | Igsf5 | immunoglobulin superfamily, member 5 | 2.89 |
| 1452227\_at | NM\_172710 | Sel1l3 | sel-1 suppressor of lin-12-like 3 (C. elegans) | 2.88 |
| 1455162\_at | NM\_001145948 | Ttc39a | tetratricopeptide repeat domain 39A | 2.88 |
| 1421821\_at | NM\_010700 | Ldlr | low density lipoprotein receptor | 2.88 |
| 1453041\_at | NM\_178381 | Ano9 | anoctamin 9 | 2.87 |
| 1437466\_at | NM\_009655 | Alcam | activated leukocyte cell adhesion molecule | 2.87 |
| 1438645\_x\_at | NM\_019517 | Bace2 | beta-site APP-cleaving enzyme 2 | 2.86 |
| 1418672\_at | NM\_013778 | Akr1c13 | aldo-keto reductase family 1, member C13 | 2.86 |
| 1450871\_a\_at | NM\_001024468 | Bcat1 | branched chain aminotransferase 1, cytosolic | 2.86 |
| 1426663\_s\_at | NM\_001177628 | Slc45a3 | solute carrier family 45, member 3 | 2.85 |
| 1449484\_at | NM\_011491 | Stc2 | stanniocalcin 2 | 2.85 |
| 1451775\_s\_at | NM\_133990 | Il13ra1 | interleukin 13 receptor, alpha 1 | 2.84 |
| 1415993\_at | NM\_009270 | Sqle | squalene epoxidase | 2.84 |
| 1449893\_a\_at | NM\_008377 | Lrig1 | leucine-rich repeats and immunoglobulin-like domains 1 | 2.83 |
| 1449740\_s\_at | NM\_007883 | Dsg2 | desmoglein 2 | 2.83 |
| 1456140\_at | NM\_022987 | Zic5 | zinc finger protein of the cerebellum 5 | 2.82 |
| 1449036\_at | NM\_023270 | Rnf128 | ring finger protein 128 | 2.82 |
| 1429183\_at | NM\_026163 | Pkp2 | plakophilin 2 | 2.81 |
| 1419705\_at | NM\_181315 | Car5b | carbonic anhydrase 5b, mitochondrial | 2.78 |
| 1422612\_at | NM\_013820 | Hk2 | hexokinase 2 | 2.78 |
| 1424951\_at | NM\_025833 | Baiap2l1 | BAI1-associated protein 2-like 1 | 2.78 |
| 1425619\_s\_at | NM\_007883 | Dsg2 | desmoglein 2 | 2.77 |
| 1450780\_s\_at | NM\_010441 | Hmga2 | high mobility group AT-hook 2 | 2.77 |
| 1417797\_a\_at | NM\_001083916 | 1810019J16Rik | RIKEN cDNA 1810019J16 gene | 2.77 |
| 1418488\_s\_at | NM\_023663 | Ripk4 | receptor-interacting serine-threonine kinase 4 | 2.77 |
| 1434678\_at | NM\_134163 | Mbnl3 | muscleblind-like 3 (Drosophila) | 2.77 |
| 1452384\_at | NM\_134005 | Enpp3 | ectonucleotide pyrophosphatase/phosphodiesterase 3 | 2.76 |
| 1448871\_at | NM\_011950 | Mapk13 | mitogen-activated protein kinase 13 | 2.76 |
| 1427357\_at | NM\_028176 | Cda | cytidine deaminase | 2.76 |
| 1426942\_at | NM\_172393 | Aim1 | absent in melanoma 1 | 2.75 |
| 1459299\_at | NM\_177376 | Myo3b | myosin IIIB | 2.75 |
| 1419074\_at | NM\_026527 | Chac2 | ChaC, cation transport regulator homolog 2 (E. coli) | 2.75 |
| 1435033\_at | NM\_183019 | Arhgef4 | Rho guanine nucleotide exchange factor (GEF) 4 | 2.75 |
| 1417541\_at | NM\_008234 | Hells | helicase, lymphoid specific | 2.74 |
| 1422823\_at | NM\_007945 | Eps8 | epidermal growth factor receptor pathway substrate 8 | 2.74 |
| 1415834\_at | NM\_026268 | Dusp6 | dual specificity phosphatase 6 | 2.73 |
| 1454671\_at | NM\_153526 | Insig1 | insulin induced gene 1 | 2.73 |
| 1416579\_a\_at | NM\_008532 | Epcam | epithelial cell adhesion molecule | 2.73 |
| 1427434\_at | NM\_010871 | Naip6 | NLR family, apoptosis inhibitory protein 6 | 2.73 |
| 1423364\_a\_at | NM\_010241 | Aktip | thymoma viral proto-oncogene 1 interacting protein | 2.72 |
| 1437341\_x\_at | NM\_001146318 | Cnp | 2',3'-cyclic nucleotide 3' phosphodiesterase | 2.72 |
| 1423933\_a\_at | NM\_029639 | 1600029D21Rik | RIKEN cDNA 1600029D21 gene | 2.71 |
| 1451210\_at | NM\_015817 | Ppap2c | phosphatidic acid phosphatase type 2C | 2.70 |
| 1428386\_at | NM\_001033606 | Acsl3 | acyl-CoA synthetase long-chain family member 3 | 2.69 |
| 1452081\_a\_at | NM\_030218 | 9130017N09Rik | RIKEN cDNA 9130017N09 gene | 2.68 |
| 1426301\_at | NM\_009655 | Alcam | activated leukocyte cell adhesion molecule | 2.68 |
| 1416237\_at | NM\_007962 | Mpzl2 | myelin protein zero-like 2 | 2.67 |
| 1448931\_at | NM\_007974 | F2rl1 | coagulation factor II (thrombin) receptor-like 1 | 2.67 |
| 1435581\_at | NM\_019517 | Bace2 | beta-site APP-cleaving enzyme 2 | 2.66 |
| 1452912\_at | NM\_183089 | Dscc1 | defective in sister chromatid cohesion 1 homolog (S. cerevisiae) | 2.66 |
| 1436570\_at | NM\_001195031 | Pag1 | phosphoprotein associated with glycosphingolipid microdomains 1 | 2.66 |
| 1425163\_at | NM\_145489 | AI661453 | expressed sequence AI661453 | 2.65 |
| 1427878\_at | NM\_001081365 | 0610010O12Rik | RIKEN cDNA 0610010O12 gene | 2.65 |
| 1423691\_x\_at | NM\_031170 | Krt8 | keratin 8 | 2.65 |
| 1455709\_at | NM\_001168679 | Tspan8 | Tetraspanin 8 | 2.65 |
| 1450744\_at | NM\_138953 | Ell2 | elongation factor RNA polymerase II 2 | 2.64 |
| 1452458\_s\_at | NM\_001081406 | Ppil5 | peptidylprolyl isomerase (cyclophilin) like 5 | 2.63 |
| 1460273\_a\_at | NM\_001126182 | Naip2 | NLR family, apoptosis inhibitory protein 2 | 2.62 |
| 1456862\_at | NM\_011382 | Six4 | sine oculis-related homeobox 4 homolog (Drosophila) | 2.62 |
| 1449799\_s\_at | NM\_026163 | Pkp2 | plakophilin 2 | 2.61 |
| 1436413\_at | NM\_001159544 | Frk | fyn-related kinase | 2.59 |
| 1420647\_a\_at | NM\_031170 | Krt8 | keratin 8 | 2.59 |
| 1426914\_at | NM\_001038602 | Marveld2 | MARVEL (membrane-associating) domain containing 2 | 2.58 |
| 1420008\_s\_at | NM\_170779 | Wwc1 | WW, C2 and coiled-coil domain containing 1 | 2.56 |
| 1418744\_s\_at | NM\_021344 | Tesc | tescalcin | 2.56 |
| 1452771\_s\_at | NM\_001033606 | Acsl3 | acyl-CoA synthetase long-chain family member 3 | 2.56 |
| 1450455\_s\_at | NM\_013777 | Akr1c12 /// Akr1c13 | aldo-keto reductase family 1, member C12 /// aldo-keto reductase family 1, member C13 | 2.56 |
| 1427165\_at | NM\_133990 | Il13ra1 | interleukin 13 receptor, alpha 1 | 2.56 |
| 1427164\_at | NM\_133990 | Il13ra1 | interleukin 13 receptor, alpha 1 | 2.55 |
| 1417394\_at | NM\_010637 | Klf4 | Kruppel-like factor 4 (gut) | 2.55 |
| 1439476\_at | NM\_007883 | Dsg2 | desmoglein 2 | 2.54 |
| 1447621\_s\_at | NM\_028261 | Tmem173 | transmembrane protein 173 | 2.54 |
| 1440866\_at | NM\_011163 | Eif2ak2 | eukaryotic translation initiation factor 2-alpha kinase 2 | 2.54 |
| 1454254\_s\_at | NM\_029639 | 1600029D21Rik | RIKEN cDNA 1600029D21 gene | 2.54 |
| 1429527\_a\_at | NM\_011636 | Plscr1 | phospholipid scramblase 1 | 2.54 |
| 1454681\_at | NM\_194055 | Esrp1 | epithelial splicing regulatory protein 1 | 2.53 |
| 1448265\_x\_at | NM\_007962 | Mpzl2 | myelin protein zero-like 2 | 2.53 |
| 1427229\_at | NM\_008255 | Hmgcr | 3-hydroxy-3-methylglutaryl-Coenzyme A reductase | 2.53 |
| 1417738\_at | NM\_016899 | Rab25 | RAB25, member RAS oncogene family | 2.52 |
| 1459894\_at | NM\_027711 | Iqgap2 | IQ motif containing GTPase activating protein 2 | 2.52 |
| 1426569\_a\_at | NM\_001159544 | Frk | fyn-related kinase | 2.52 |
| 1421156\_a\_at | NM\_013505 | Dsc2 | desmocollin 2 | 2.52 |
| 1449296\_a\_at | NM\_001146318 | Cnp | 2',3'-cyclic nucleotide 3' phosphodiesterase | 2.52 |
| 1441891\_x\_at | NM\_029001 | Elovl7 | ELOVL family member 7, elongation of long chain fatty acids (yeast) | 2.51 |
| 1451363\_a\_at | NM\_001093754 | Dennd2d | DENN/MADD domain containing 2D | 2.51 |
| 1427261\_at | NM\_170779 | Wwc1 | WW, C2 and coiled-coil domain containing 1 | 2.51 |
| 1449265\_at | NM\_009807 | Casp1 | caspase 1 | 2.50 |
| 1416627\_at | NM\_016907 | Spint1 | serine protease inhibitor, Kunitz type 1 | 2.49 |
| 1424090\_at | NM\_145535 | Sdcbp2 | syndecan binding protein (syntenin) 2 | 2.49 |
| 1417812\_a\_at | NM\_008484 | Lamb3 | laminin, beta 3 | 2.49 |
| 1419503\_at | NM\_011491 | Stc2 | stanniocalcin 2 | 2.49 |
| 1449357\_at | NM\_025865 | 2310030G06Rik | RIKEN cDNA 2310030G06 gene | 2.48 |
| 1418318\_at | NM\_023270 | Rnf128 | ring finger protein 128 | 2.48 |
| 1417292\_at | NM\_008330 | Ifi47 | interferon gamma inducible protein 47 | 2.48 |
| 1429086\_at | NM\_026496 | Gm16136 /// Grhl2 /// LOC100503499 | predicted gene 16136 /// grainyhead-like 2 (Drosophila) /// hypothetical LOC100503499 | 2.47 |
| 1429678\_at | NM\_027482 | 5730508B09Rik | RIKEN cDNA 5730508B09 gene | 2.47 |
| 1418818\_at | NM\_009701 | Aqp5 | aquaporin 5 | 2.46 |
| 1443736\_at | BG868839 | Gm13648 | predicted gene 13648 | 2.45 |
| 1439260\_a\_at | NM\_134005 | Enpp3 | ectonucleotide pyrophosphatase/phosphodiesterase 3 | 2.44 |
| 1452291\_at | NM\_178407 | Arap2 | ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2 | 2.44 |
| 1436472\_at | NM\_172796 | Slfn9 | schlafen 9 | 2.43 |
| 1456219\_at | NM\_022987 | Zic5 | zinc finger protein of the cerebellum 5 | 2.42 |
| 1448227\_at | NM\_010346 | Grb7 | growth factor receptor bound protein 7 | 2.42 |
| 1433842\_at | NM\_001111311 | Lrrfip1 | leucine rich repeat (in FLII) interacting protein 1 | 2.42 |
| 1437190\_at | NM\_172891 | Styk1 | serine/threonine/tyrosine kinase 1 | 2.42 |
| 1427660\_x\_at | BC013496 | Gm10883 /// Gm1420 /// Gm7202 /// Igk-C /// Igk-J1 /// Igk-V28 | predicted gene 10883 /// predicted gene 1420 /// predicted gene 7202 /// immunoglobulin kappa chain, constant region /// immunoglobulin kappa chain, joining region, 1 /// immunoglobulin kappa chain variable 28 (V28) | 2.42 |
| 1427095\_at | NM\_133974 | Cdcp1 | CUB domain containing protein 1 | 2.40 |
| 1455803\_at | NM\_148933 | Slco4a1 | solute carrier organic anion transporter family, member 4a1 | 2.40 |
| 1422430\_at | NM\_001163359 | Fignl1 | fidgetin-like 1 | 2.40 |
| 1417483\_at | NM\_001159394 | Nfkbiz | nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta | 2.40 |
| 1452417\_x\_at | AV057155 | Gm10883 /// Gm1420 /// Gm7202 /// Igk-C /// Igk-J1 /// Igk-V28 | predicted gene 10883 /// predicted gene 1420 /// predicted gene 7202 /// immunoglobulin kappa chain, constant region /// immunoglobulin kappa chain, joining region, 1 /// immunoglobulin kappa chain variable 28 (V28) | 2.40 |
| 1451243\_at | NM\_001159624 | Rnpep | arginyl aminopeptidase (aminopeptidase B) | 2.39 |
| 1416715\_at | NM\_001160012 | Gjb3 | gap junction protein, beta 3 | 2.39 |
| 1453480\_at | NM\_029921 | Tmem213 | transmembrane protein 213 | 2.38 |
| 1450010\_at | NM\_019657 | Hsd17b12 | hydroxysteroid (17-beta) dehydrogenase 12 | 2.38 |
| 1435989\_x\_at | NM\_031170 | Krt8 | keratin 8 | 2.38 |
| 1433683\_at | NM\_176838 | Esrp2 | epithelial splicing regulatory protein 2 | 2.37 |
| 1425452\_s\_at | NM\_029007 | Fam84a | family with sequence similarity 84, member A | 2.37 |
| 1459890\_s\_at | NM\_198001 | 1110008P14Rik | RIKEN cDNA 1110008P14 gene | 2.37 |
| 1458070\_at | NM\_178594 | Vtcn1 | V-set domain containing T cell activation inhibitor 1 | 2.36 |
| 1450627\_at | NM\_020332 | Ank | progressive ankylosis | 2.35 |
| 1424351\_at | NM\_026323 | Wfdc2 | WAP four-disulfide core domain 2 | 2.35 |
| 1460177\_at | NM\_023149 | Cndp2 | CNDP dipeptidase 2 (metallopeptidase M20 family) | 2.35 |
| 1460406\_at | NM\_001033210 | Pls1 | plastin 1 (I-isoform) | 2.35 |
| 1418374\_at | NM\_008557 | Fxyd3 | FXYD domain-containing ion transport regulator 3 | 2.35 |
| 1421817\_at | NM\_010344 | Gsr | glutathione reductase | 2.35 |
| 1433408\_a\_at | NM\_027290 | Mcm10 | minichromosome maintenance deficient 10 (S. cerevisiae) | 2.34 |
| 1429055\_at | NM\_001114312 | 4930506M07Rik | RIKEN cDNA 4930506M07 gene | 2.34 |
| 1418980\_a\_at | NM\_001146318 | Cnp | 2',3'-cyclic nucleotide 3' phosphodiesterase | 2.33 |
| 1428680\_at | NM\_173370 | Cds1 | CDP-diacylglycerol synthase 1 | 2.33 |
| 1421816\_at | NM\_010344 | Gsr | glutathione reductase | 2.33 |
| 1437409\_s\_at | NM\_001002268 | Gpr126 | G protein-coupled receptor 126 | 2.33 |
| 1452426\_x\_at | BC004065 | --- |  | 2.33 |
| 1426808\_at | NM\_001145953 | Lgals3 | lectin, galactose binding, soluble 3 | 2.32 |
| 1417178\_at | NM\_016867 | Gipc2 | GIPC PDZ domain containing family, member 2 | 2.32 |
| 1418724\_at | NM\_007686 | Cfi | complement component factor i | 2.32 |
| 1455825\_s\_at | NM\_001159577 | Lnx1 | ligand of numb-protein X 1 | 2.32 |
| 1450886\_at | NM\_010353 | Gsg2 | germ cell-specific gene 2 | 2.32 |
| 1431821\_a\_at | NM\_026146 | Eps8l1 | EPS8-like 1 | 2.31 |
| 1439560\_x\_at | XR\_105752 | Gm5480 | predicted gene 5480 | 2.31 |
| 1417398\_at | NM\_025846 | Rras2 | related RAS viral (r-ras) oncogene homolog 2 | 2.29 |
| 1446530\_at | BG069648 | --- |  | 2.29 |
| 1416236\_a\_at | NM\_007962 | Mpzl2 | myelin protein zero-like 2 | 2.29 |
| 1452298\_a\_at | NM\_201600 | Myo5b | myosin VB | 2.28 |
| 1416527\_at | NM\_026405 | Rab32 | RAB32, member RAS oncogene family | 2.28 |
| 1418924\_at | NM\_025886 | Rassf7 | Ras association (RalGDS/AF-6) domain family (N-terminal) member 7 | 2.28 |
| 1420028\_s\_at | NM\_008563 | Mcm3 | minichromosome maintenance deficient 3 (S. cerevisiae) | 2.26 |
| 1420824\_at | NM\_013660 | Sema4d | sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D | 2.26 |
| 1416046\_a\_at | NM\_025799 | Fuca2 | fucosidase, alpha-L- 2, plasma | 2.26 |
| 1460190\_at | NM\_001110300 | Ap1m2 | adaptor protein complex AP-1, mu 2 subunit | 2.26 |
| 1450771\_at | NM\_010243 | Fut9 | fucosyltransferase 9 | 2.25 |
| 1425027\_s\_at | NM\_145512 | Sft2d2 | SFT2 domain containing 2 | 2.25 |
| 1434278\_at | NM\_001164190 | Mtm1 | X-linked myotubular myopathy gene 1 | 2.24 |
| 1455896\_a\_at | NM\_008430 | Kcnk1 | potassium channel, subfamily K, member 1 | 2.24 |
| 1427046\_at | NM\_026496 | Grhl2 | grainyhead-like 2 (Drosophila) | 2.24 |
| 1416632\_at | NM\_008615 | Me1 | malic enzyme 1, NADP(+)-dependent, cytosolic | 2.24 |
| 1438852\_x\_at | NM\_008567 | Mcm6 | minichromosome maintenance deficient 6 (MIS5 homolog, S. pombe) (S. cerevisiae) | 2.24 |
| 1459904\_at | NR\_033217 | BC030870 | cDNA sequence BC030870 | 2.24 |
| 1427797\_s\_at | BF580235 | --- |  | 2.23 |
| 1425753\_a\_at | NM\_001040691 | Ung | uracil DNA glycosylase | 2.23 |
| 1424235\_at | NM\_024180 | Ormdl2 | ORM1-like 2 (S. cerevisiae) | 2.23 |
| 1433885\_at | NM\_027711 | Iqgap2 | IQ motif containing GTPase activating protein 2 | 2.23 |
| 1419494\_a\_at | NM\_001025261 | Tpd52 | tumor protein D52 | 2.22 |
| 1420712\_a\_at | NM\_001110252 | Hpn | hepsin | 2.22 |
| 1449164\_at | NM\_009853 | Cd68 | CD68 antigen | 2.21 |
| 1448182\_a\_at | NM\_009846 | Cd24a | CD24a antigen | 2.21 |
| 1416854\_at | NM\_011402 | Slc34a2 | solute carrier family 34 (sodium phosphate), member 2 | 2.21 |
| 1419427\_at | NM\_009971 | Csf3 | colony stimulating factor 3 (granulocyte) | 2.21 |
| 1416617\_at | NM\_080575 | Acss1 | acyl-CoA synthetase short-chain family member 1 | 2.21 |
| 1423411\_at | NM\_001127382 | Rbm47 | RNA binding motif protein 47 | 2.20 |
| 1433446\_at | NM\_145942 | Hmgcs1 | 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1 | 2.20 |
| 1428483\_a\_at | NM\_025642 | 2610039C10Rik | RIKEN cDNA 2610039C10 gene | 2.19 |
| 1448261\_at | NM\_009864 | Cdh1 | cadherin 1 | 2.19 |
| 1424901\_at | NM\_028087 | Gcnt3 | glucosaminyl (N-acetyl) transferase 3, mucin type | 2.19 |
| 1421731\_a\_at | NM\_007999 | Fen1 | flap structure specific endonuclease 1 | 2.19 |
| 1425767\_a\_at | NM\_011382 | Six4 | sine oculis-related homeobox 4 homolog (Drosophila) | 2.19 |
| 1417395\_at | NM\_010637 | Klf4 | Kruppel-like factor 4 (gut) | 2.19 |
| 1454783\_at | NM\_133990 | Il13ra1 | interleukin 13 receptor, alpha 1 | 2.19 |
| 1441963\_at | NM\_197945 | Prosapip1 | ProSAPiP1 protein | 2.19 |
| 1417506\_at | NM\_020567 | Gmnn | geminin | 2.19 |
| 1435484\_at | NM\_017391 | Slc5a3 | solute carrier family 5 (inositol transporters), member 3 | 2.18 |
| 1438018\_at | NM\_030014 | Hook1 | hook homolog 1 (Drosophila) | 2.18 |
| 1451255\_at | NM\_001164184 | Lsr | lipolysis stimulated lipoprotein receptor | 2.18 |
| 1450738\_at | NM\_001109040 | Kif21a | kinesin family member 21A | 2.18 |
| 1424464\_s\_at | NM\_133829 | Mfsd6 | major facilitator superfamily domain containing 6 | 2.18 |
| 1438097\_at | NM\_011227 | Rab20 | RAB20, member RAS oncogene family | 2.17 |
| 1433487\_at | NM\_007711 | Clcn3 | chloride channel 3 | 2.17 |
| 1421947\_at | NM\_001177556 | Gng12 | guanine nucleotide binding protein (G protein), gamma 12 | 2.17 |
| 1451690\_a\_at | NM\_001122680 | Pvrl4 | poliovirus receptor-related 4 | 2.17 |
| 1424148\_a\_at | NM\_145934 | Stap2 | signal transducing adaptor family member 2 | 2.16 |
| 1434158\_at | NM\_146041 | Gmds | GDP-mannose 4, 6-dehydratase | 2.16 |
| 1457248\_x\_at | NM\_010476 | Hsd17b7 | hydroxysteroid (17-beta) dehydrogenase 7 | 2.15 |
| 1427911\_at | NM\_028261 | Tmem173 | transmembrane protein 173 | 2.15 |
| 1440910\_at | NM\_001077354 | C77370 | expressed sequence C77370 | 2.15 |
| 1427386\_at | NM\_001112744 | Arhgef16 | Rho guanine nucleotide exchange factor (GEF) 16 | 2.15 |
| 1418572\_x\_at | NM\_001161746 | Tnfrsf12a | tumor necrosis factor receptor superfamily, member 12a | 2.15 |
| 1418908\_at | NM\_013626 | Pam | peptidylglycine alpha-amidating monooxygenase | 2.15 |
| 1419249\_at | NM\_011074 | Cdk14 | cyclin-dependent kinase 14 | 2.14 |
| 1442347\_at | NM\_001080926 | Lrp8 | low density lipoprotein receptor-related protein 8, apolipoprotein e receptor | 2.14 |
| 1416635\_at | NM\_020561 | Smpdl3a | sphingomyelin phosphodiesterase, acid-like 3A | 2.14 |
| 1433977\_at | NM\_018805 | Hs3st3b1 | heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1 | 2.14 |
| 1451139\_at | NM\_028064 | Slc39a4 | solute carrier family 39 (zinc transporter), member 4 | 2.14 |
| 1423284\_at | NM\_026345 | Mansc1 | MANSC domain containing 1 | 2.14 |
| 1415811\_at | NM\_001111078 | Uhrf1 | ubiquitin-like, containing PHD and RING finger domains, 1 | 2.13 |
| 1418831\_at | NM\_001162924 | Pkp3 | plakophilin 3 | 2.13 |
| 1452367\_at | NM\_001164804 | Coro2a | coronin, actin binding protein 2A | 2.13 |
| 1451219\_at | NM\_145517 | Ormdl1 | ORM1-like 1 (S. cerevisiae) | 2.13 |
| 1418248\_at | NM\_013463 | Gla | galactosidase, alpha | 2.12 |
| 1425933\_a\_at | NM\_001164363 | Nt5c2 | 5'-nucleotidase, cytosolic II | 2.12 |
| 1429649\_at | NM\_144902 | Slc35a3 | solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter), member 3 | 2.12 |
| 1453181\_x\_at | NM\_011636 | Plscr1 | phospholipid scramblase 1 | 2.12 |
| 1422836\_at | NM\_134163 | Mbnl3 | muscleblind-like 3 (Drosophila) | 2.11 |
| 1416794\_at | NM\_019717 | Atl2 | atlastin GTPase 2 | 2.11 |
| 1455399\_at | NM\_001081047 | Cnksr1 | connector enhancer of kinase suppressor of Ras 1 | 2.11 |
| 1455814\_x\_at | NM\_197982 | Ddx39 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 39 | 2.11 |
| 1427178\_at | NM\_181820 | Tmc4 | transmembrane channel-like gene family 4 | 2.11 |
| 1428587\_at | NM\_153525 | Tmem41b | transmembrane protein 41B | 2.10 |
| 1433531\_at | NM\_001033600 | Acsl4 | acyl-CoA synthetase long-chain family member 4 | 2.10 |
| 1418294\_at | NM\_019427 | Epb4.1l4b | erythrocyte protein band 4.1-like 4b | 2.10 |
| 1433769\_at | NM\_001146059 | Als2cl | ALS2 C-terminal like | 2.10 |
| 1452507\_at | NM\_010057 | Dlx6 | distal-less homeobox 6 | 2.10 |
| 1422663\_at | NM\_011015 | Orc1 | origin recognition complex, subunit 1 | 2.10 |
| 1421968\_a\_at | NM\_023647 | Nipa2 | non imprinted in Prader-Willi/Angelman syndrome 2 homolog (human) | 2.09 |
| 1422460\_at | NM\_019499 | Mad2l1 | MAD2 mitotic arrest deficient-like 1 (yeast) | 2.09 |
| 1448690\_at | NM\_008430 | Kcnk1 | potassium channel, subfamily K, member 1 | 2.09 |
| 1452213\_at | NM\_198292 | Tex2 | testis expressed gene 2 | 2.08 |
| 1451838\_a\_at | NM\_001082976 | Tc2n | tandem C2 domains, nuclear | 2.08 |
| 1450850\_at | NM\_009510 | Ezr | ezrin | 2.08 |
| 1451065\_a\_at | NM\_197982 | Ddx39 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 39 | 2.08 |
| 1419475\_a\_at | NM\_007914 | Ehf | ets homologous factor | 2.08 |
| 1438195\_at | NM\_175380 | Gpd1l | glycerol-3-phosphate dehydrogenase 1-like | 2.07 |
| 1424440\_at | NM\_080456 | Mrps6 | mitochondrial ribosomal protein S6 | 2.07 |
| 1451608\_a\_at | NM\_146173 | Tspan33 | tetraspanin 33 | 2.07 |
| 1426263\_at | NM\_153112 | Cadm4 | cell adhesion molecule 4 | 2.06 |
| 1425140\_at | NM\_145381 | Lactb2 | lactamase, beta 2 | 2.06 |
| 1450011\_at | NM\_019657 | Hsd17b12 | hydroxysteroid (17-beta) dehydrogenase 12 | 2.06 |
| 1435446\_a\_at | NM\_001146690 | Chpt1 | choline phosphotransferase 1 | 2.06 |
| 1434322\_at | NM\_174850 | Micall2 | MICAL-like 2 | 2.06 |
| 1419647\_a\_at | NM\_133662 | Ier3 | immediate early response 3 | 2.06 |
| 1418895\_at | NM\_018773 | Skap2 | src family associated phosphoprotein 2 | 2.06 |
| 1416564\_at | NM\_011446 | Sox7 | SRY-box containing gene 7 | 2.06 |
| 1451261\_s\_at | NM\_145934 | Stap2 | signal transducing adaptor family member 2 | 2.05 |
| 1428195\_at | NM\_001171000 | Ahcyl2 | S-adenosylhomocysteine hydrolase-like 2 | 2.05 |
| 1448609\_at | NM\_009437 | Tst | thiosulfate sulfurtransferase, mitochondrial | 2.04 |
| 1457869\_at | NR\_028520 | Gm10451 | predicted gene 10451 | 2.04 |
| 1442549\_at | NM\_134163 | Mbnl3 | muscleblind-like 3 (Drosophila) | 2.04 |
| 1424652\_at | NM\_145570 | Fam176a | family with sequence similarity 176, member A | 2.04 |
| 1436200\_at | NM\_028894 | Lonrf3 | LON peptidase N-terminal domain and ring finger 3 | 2.04 |
| 1428066\_at | NM\_207202 | Ccdc120 | coiled-coil domain containing 120 | 2.04 |
| 1431829\_a\_at | NM\_023622 | Rgl3 | ral guanine nucleotide dissociation stimulator-like 3 | 2.04 |
| 1417871\_at | NM\_010476 | Hsd17b7 | hydroxysteroid (17-beta) dehydrogenase 7 | 2.04 |
| 1418925\_at | NM\_009886 | Celsr1 | cadherin, EGF LAG seven-pass G-type receptor 1 (flamingo homolog, Drosophila) | 2.04 |
| 1449402\_at | NM\_021715 | Chst7 | carbohydrate (N-acetylglucosamino) sulfotransferase 7 | 2.04 |
| 1434520\_at | NM\_172769 | Sc5d | sterol-C5-desaturase (fungal ERG3, delta-5-desaturase) homolog (S. cerevisae) | 2.03 |
| 1456956\_at | NM\_011770 | Ikzf2 | IKAROS family zinc finger 2 | 2.03 |
| 1431089\_at | NM\_016856 | Cpsf2 | cleavage and polyadenylation specific factor 2 | 2.03 |
| 1418026\_at | NM\_012012 | Exo1 | exonuclease 1 | 2.03 |
| 1449281\_at | NM\_008738 | Nrtn | neurturin | 2.03 |
| 1415810\_at | NM\_001111078 | Uhrf1 | ubiquitin-like, containing PHD and RING finger domains, 1 | 2.03 |
| 1420013\_s\_at | NM\_146006 | Lss | lanosterol synthase | 2.02 |
| 1417953\_at | NM\_138587 | Fam3c | family with sequence similarity 3, member C | 2.02 |
| 1421836\_at | NM\_001198635 | Mtap7 | microtubule-associated protein 7 | 2.02 |
| 1455843\_at | NM\_010242 | Fut4 | fucosyltransferase 4 | 2.02 |
| 1448273\_at | NM\_008180 | Gss | glutathione synthetase | 2.02 |
| 1449855\_s\_at | NM\_016723 | Uchl3 /// Uchl4 | ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase) /// ubiquitin carboxyl-terminal esterase L4 | 2.02 |
| 1428737\_s\_at | NM\_026240 | Gramd3 | GRAM domain containing 3 | 2.02 |
| 1423947\_at | NM\_198001 | 1110008P14Rik | RIKEN cDNA 1110008P14 gene | 2.01 |
| 1424905\_a\_at | NM\_001166503 | Slc39a11 | solute carrier family 39 (metal ion transporter), member 11 | 2.01 |
| 1430332\_a\_at | NM\_010368 | Gusb | glucuronidase, beta | 2.00 |
| 1429295\_s\_at | NM\_027182 | Trip13 | thyroid hormone receptor interactor 13 | 2.00 |
| 1426260\_a\_at | NM\_013701 | Ugt1a1 /// Ugt1a10 /// Ugt1a2 /// Ugt1a5 /// Ugt1a6a /// Ugt1a6b /// Ugt1a7c /// Ugt1a9 | UDP glucuronosyltransferase 1 family, polypeptide A1 /// UDP glycosyltransferase 1 family, polypeptide A10 /// UDP glucuronosyltransferase 1 family, polypeptide A2 /// UDP glucuronosyltransferase 1 family, polypeptide A5 /// UDP glucuronosyltransferase 1 family, polypeptide A6A /// UDP glucuronosyltransferase 1 family, polypeptide A6B /// UDP glucuronosyltransferase 1 family, polypeptide A7C /// UDP glucuronosyltransferase 1 family, polypeptide A9 | 2.00 |
| 1439428\_x\_at | NM\_146041 | Gmds | GDP-mannose 4, 6-dehydratase | 2.00 |
| 1425108\_a\_at | NM\_001033872 | Smagp | small cell adhesion glycoprotein | 2.00 |
| 1424046\_at | NM\_001113179 | Bub1 | budding uninhibited by benzimidazoles 1 homolog (S. cerevisiae) | 2.00 |
| 1436808\_x\_at | NM\_008566 | Mcm5 | minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae) | 1.99 |
| 1447928\_at | NM\_181315 | Car5b | carbonic anhydrase 5b, mitochondrial | 1.99 |
| 1434211\_at | NM\_172507 | Sh3bgrl2 | SH3 domain binding glutamic acid-rich protein like 2 | 1.99 |
| 1451375\_at | NM\_007914 | Ehf | ets homologous factor | 1.99 |
| 1433486\_at | NM\_007711 | Clcn3 | chloride channel 3 | 1.99 |
| 1436186\_at | NM\_001013368 | E2f8 | E2F transcription factor 8 | 1.98 |
| 1449167\_at | NM\_013512 | Epb4.1l4a | erythrocyte protein band 4.1-like 4a | 1.98 |
| 1423643\_at | NM\_197982 | Ddx39 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 39 | 1.98 |
| 1424612\_at | NM\_145469 | Nipal2 | NIPA-like domain containing 2 | 1.98 |
| 1434851\_s\_at | NM\_177638 | Crb3 | crumbs homolog 3 (Drosophila) | 1.98 |
| 1421529\_a\_at | NM\_001042513 | Txnrd1 | thioredoxin reductase 1 | 1.97 |
| 1448263\_a\_at | NM\_023149 | Cndp2 | CNDP dipeptidase 2 (metallopeptidase M20 family) | 1.97 |
| 1426146\_a\_at | NM\_001146690 | Chpt1 | choline phosphotransferase 1 | 1.97 |
| 1439494\_at | NM\_145551 | Slc5a9 | solute carrier family 5 (sodium/glucose cotransporter), member 9 | 1.97 |
| 1420502\_at | NM\_009121 | Sat1 | spermidine/spermine N1-acetyl transferase 1 | 1.97 |
| 1423700\_at | NM\_027009 | Rfc3 | replication factor C (activator 1) 3 | 1.97 |
| 1454809\_at | NM\_001111267 | Ncoa7 | nuclear receptor coactivator 7 | 1.96 |
| 1438168\_x\_at | NM\_197982 | Ddx39 | DEAD (Asp-Glu-Ala-Asp) box polypeptide 39 | 1.96 |
| 1424409\_at | NM\_027998 | Cldn23 | claudin 23 | 1.96 |
| 1422293\_a\_at | NM\_001142731 | Kctd1 | potassium channel tetramerisation domain containing 1 | 1.96 |
| 1423714\_at | NM\_024184 | Asf1b | ASF1 anti-silencing function 1 homolog B (S. cerevisiae) | 1.96 |
| 1429831\_at | NM\_031376 | Pik3ap1 | phosphoinositide-3-kinase adaptor protein 1 | 1.96 |
| 1418879\_at | NM\_027828 | Fam110c | family with sequence similarity 110, member C | 1.95 |
| 1457915\_at | NM\_177101 | 4833442J19Rik | RIKEN cDNA 4833442J19 gene | 1.95 |
| 1421340\_at | NM\_008580 | Map3k5 | mitogen-activated protein kinase kinase kinase 5 | 1.95 |
| 1460563\_at | NM\_030250 | Nus1 | nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae) | 1.95 |
| 1428713\_s\_at | NM\_178856 | Gins2 | GINS complex subunit 2 (Psf2 homolog) | 1.95 |
| 1416832\_at | NM\_001135149 | Slc39a8 | solute carrier family 39 (metal ion transporter), member 8 | 1.95 |
| 1425733\_a\_at | NM\_007945 | Eps8 | epidermal growth factor receptor pathway substrate 8 | 1.95 |
| 1423465\_at | NM\_001113478 | Frrs1 | ferric-chelate reductase 1 | 1.94 |
| 1422462\_at | NM\_026024 | Ube2t | ubiquitin-conjugating enzyme E2T (putative) | 1.94 |
| 1426652\_at | NM\_008563 | Mcm3 | minichromosome maintenance deficient 3 (S. cerevisiae) | 1.94 |
| 1453072\_at | NM\_001134385 | Gpr160 | G protein-coupled receptor 160 | 1.94 |
| 1417640\_at | NM\_008339 | Cd79b | CD79B antigen | 1.94 |
| 1449966\_s\_at | NM\_026908 | Cab39l | calcium binding protein 39-like | 1.94 |
| 1435031\_at | NM\_172541 | Tmem120a | transmembrane protein 120A | 1.93 |
| 1448127\_at | NM\_009103 | Rrm1 | ribonucleotide reductase M1 | 1.93 |
| 1427364\_a\_at | NM\_013614 | Odc1 | ornithine decarboxylase, structural 1 | 1.93 |
| 1452232\_at | NM\_001167981 | Galnt7 | UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylgalactosaminyltransferase 7 | 1.92 |
| 1418571\_at | NM\_001161746 | Tnfrsf12a | tumor necrosis factor receptor superfamily, member 12a | 1.92 |
| 1452741\_s\_at | NM\_001145820 | Gpd2 | glycerol phosphate dehydrogenase 2, mitochondrial | 1.92 |
| 1448743\_at | NM\_138744 | Ssx2ip | synovial sarcoma, X breakpoint 2 interacting protein | 1.92 |
| 1434580\_at | NM\_199016 | Enpp4 | ectonucleotide pyrophosphatase/phosphodiesterase 4 | 1.92 |
| 1449865\_at | NM\_009152 | Sema3a | sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A | 1.92 |
| 1425029\_a\_at | NM\_001083341 | Mboat2 | membrane bound O-acyltransferase domain containing 2 | 1.92 |
| 1425581\_s\_at | NM\_001167981 | Galnt7 | UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylgalactosaminyltransferase 7 | 1.92 |
| 1460698\_a\_at | NM\_025468 | Sec11c | SEC11 homolog C (S. cerevisiae) | 1.92 |
| 1436199\_at | NM\_029077 | Trim14 | tripartite motif-containing 14 | 1.92 |
| 1426147\_s\_at | NM\_001160096 | Cldn10 | claudin 10 | 1.91 |
| 1452210\_at | NM\_177372 | Dna2 | DNA replication helicase 2 homolog (yeast) | 1.91 |
| 1455030\_at | NM\_001135657 | Ptprj | protein tyrosine phosphatase, receptor type, J | 1.90 |
| 1426261\_s\_at | NM\_013701 | Ugt1a1 /// Ugt1a10 /// Ugt1a2 /// Ugt1a5 /// Ugt1a6a /// Ugt1a6b /// Ugt1a7c /// Ugt1a9 | UDP glucuronosyltransferase 1 family, polypeptide A1 /// UDP glycosyltransferase 1 family, polypeptide A10 /// UDP glucuronosyltransferase 1 family, polypeptide A2 /// UDP glucuronosyltransferase 1 family, polypeptide A5 /// UDP glucuronosyltransferase 1 family, polypeptide A6A /// UDP glucuronosyltransferase 1 family, polypeptide A6B /// UDP glucuronosyltransferase 1 family, polypeptide A7C /// UDP glucuronosyltransferase 1 family, polypeptide A9 | 1.90 |
| 1440874\_at | NM\_172841 | Slco5a1 | solute carrier organic anion transporter family, member 5A1 | 1.90 |
| 1449049\_at | NM\_030682 | Tlr1 | toll-like receptor 1 | 1.90 |
| 1450677\_at | NM\_007691 | Chek1 | checkpoint kinase 1 homolog (S. pombe) | 1.90 |
| 1422444\_at | NM\_008397 | Itga6 | integrin alpha 6 | 1.90 |
| 1431304\_a\_at | NM\_001042485 | Tmem183a | transmembrane protein 183A | 1.90 |
| 1418281\_at | NM\_011234 | Rad51 | RAD51 homolog (S. cerevisiae) | 1.90 |
| 1437103\_at | NM\_183029 | Igf2bp2 | insulin-like growth factor 2 mRNA binding protein 2 | 1.90 |
| 1448899\_s\_at | NM\_009013 | Rad51ap1 | RAD51 associated protein 1 | 1.89 |
| 1426540\_at | NM\_028013 | Endod1 | endonuclease domain containing 1 | 1.89 |
| 1416831\_at | NM\_010893 | Neu1 | neuraminidase 1 | 1.89 |
| 1434304\_s\_at | NM\_030250 | Nus1 | nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae) | 1.89 |
| 1449839\_at | NM\_009810 | Casp3 | caspase 3 | 1.89 |
| 1432474\_a\_at | NM\_027221 | Krtcap3 | keratinocyte associated protein 3 | 1.89 |
| 1422721\_at | NM\_031880 | Tnk1 | tyrosine kinase, non-receptor, 1 | 1.89 |
| 1440220\_at | NM\_008756 | Ocln | occludin | 1.89 |
| 1451935\_a\_at | NM\_001082548 | Spint2 | serine protease inhibitor, Kunitz type 2 | 1.88 |
| 1416368\_at | NM\_010357 | Gsta4 | glutathione S-transferase, alpha 4 | 1.88 |
| 1457676\_at | NM\_001177845 | Tirap | toll-interleukin 1 receptor (TIR) domain-containing adaptor protein | 1.88 |
| 1443869\_at | NM\_178668 | Pde12 | phosphodiesterase 12 | 1.88 |
| 1418778\_at | NM\_025779 | Ccdc109b | coiled-coil domain containing 109B | 1.88 |
| 1426913\_at | AK014742 | --- |  | 1.88 |
| 1449579\_at | NM\_013709 | Sh3yl1 | Sh3 domain YSC-like 1 | 1.88 |
| 1458591\_at | NM\_001017427 | Rasef | RAS and EF hand domain containing | 1.88 |
| 1426908\_at | NM\_001167981 | Galnt7 | UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylgalactosaminyltransferase 7 | 1.87 |
| 1429270\_a\_at | NM\_001168244 | Syce2 | synaptonemal complex central element protein 2 | 1.87 |
| 1419154\_at | NM\_015775 | Tmprss2 | transmembrane protease, serine 2 | 1.87 |
| 1426133\_a\_at | NM\_026913 | Mitd1 | MIT, microtubule interacting and transport, domain containing 1 | 1.87 |
| 1449348\_at | NM\_001164733 | Mpp6 | membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6) | 1.87 |
| 1443698\_at | NM\_001037713 | Xaf1 | XIAP associated factor 1 | 1.87 |
| 1438116\_x\_at | NM\_012030 | Slc9a3r1 | solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1 | 1.86 |
| 1418911\_s\_at | NM\_001033600 | Acsl4 | acyl-CoA synthetase long-chain family member 4 | 1.86 |
| 1452626\_a\_at | NM\_026928 | 1810014F10Rik | RIKEN cDNA 1810014F10 gene | 1.86 |
| 1437549\_at | XR\_104591 | 2810408I11Rik | RIKEN cDNA 2810408I11 gene | 1.86 |
| 1429352\_at | NM\_026779 | Mocos | molybdenum cofactor sulfurase | 1.86 |
| 1429240\_at | NM\_133774 | Stard4 | StAR-related lipid transfer (START) domain containing 4 | 1.86 |
| 1416386\_a\_at | NM\_010749 | M6pr | mannose-6-phosphate receptor, cation dependent | 1.86 |
| 1425179\_at | NM\_009171 | Shmt1 | serine hydroxymethyltransferase 1 (soluble) | 1.86 |
| 1450131\_a\_at | NM\_138653 | Bspry | B-box and SPRY domain containing | 1.86 |
| 1455477\_s\_at | NM\_001164557 | Pdzk1ip1 | PDZK1 interacting protein 1 | 1.86 |
| 1441931\_x\_at | NM\_008180 | Gss | glutathione synthetase | 1.85 |
| 1429262\_at | NM\_028478 | Rassf6 | Ras association (RalGDS/AF-6) domain family member 6 | 1.85 |
| 1449044\_at | NM\_025380 | Eef1e1 | eukaryotic translation elongation factor 1 epsilon 1 | 1.85 |
| 1433854\_at | NM\_177592 | Tmem164 | Transmembrane protein 164 | 1.85 |
| 1438115\_a\_at | NM\_012030 | Slc9a3r1 | solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1 | 1.85 |
| 1456146\_at | BI735554 | 2210411A11Rik | RIKEN cDNA 2210411A11 gene | 1.84 |
| 1449545\_at | NM\_008005 | Fgf18 | fibroblast growth factor 18 | 1.84 |
| 1453314\_x\_at | NM\_025642 | 2610039C10Rik | RIKEN cDNA 2610039C10 gene | 1.84 |
| 1419153\_at | NM\_026515 | 2810417H13Rik | RIKEN cDNA 2810417H13 gene | 1.84 |
| 1429317\_at | NM\_001081054 | Qrsl1 | glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1 | 1.84 |
| 1455285\_at | NM\_175090 | Slc31a1 | solute carrier family 31, member 1 | 1.84 |
| 1416743\_at | NM\_133806 | LOC640502 /// Uap1 | UDP-N-acetylhexosamine pyrophosphorylase-like /// UDP-N-acetylglucosamine pyrophosphorylase 1 | 1.84 |
| 1452152\_at | NM\_001045520 | Clint1 | clathrin interactor 1 | 1.84 |
| 1419474\_a\_at | NM\_007914 | Ehf | ets homologous factor | 1.84 |
| 1447585\_s\_at | NM\_080456 | Mrps6 | mitochondrial ribosomal protein S6 | 1.83 |
| 1456280\_at | NM\_175554 | Clspn | claspin homolog (Xenopus laevis) | 1.83 |
| 1416120\_at | NM\_009104 | Rrm2 | ribonucleotide reductase M2 | 1.83 |
| 1424924\_at | NM\_153055 | Sec63 | SEC63-like (S. cerevisiae) | 1.83 |
| 1424136\_a\_at | NM\_001110129 | LOC433064 /// Ppih | peptidyl-prolyl cis-trans isomerase H-like /// peptidyl prolyl isomerase H | 1.82 |
| 1417010\_at | NM\_001012330 | Zfp238 | zinc finger protein 238 | 1.82 |
| 1448967\_at | NM\_025623 | Nipsnap3b | nipsnap homolog 3B (C. elegans) | 1.82 |
| 1452881\_at | NM\_178856 | Gins2 | GINS complex subunit 2 (Psf2 homolog) | 1.82 |
| 1427940\_s\_at | NM\_019660 | Mycbp | c-myc binding protein | 1.82 |
| 1460431\_at | NM\_001136484 | Gcnt1 | glucosaminyl (N-acetyl) transferase 1, core 2 | 1.82 |
| 1424076\_at | NM\_025638 | Gdpd1 | glycerophosphodiester phosphodiesterase domain containing 1 | 1.82 |
| 1420646\_at | NM\_030250 | Nus1 | nuclear undecaprenyl pyrophosphate synthase 1 homolog (S. cerevisiae) | 1.81 |
| 1448627\_s\_at | NM\_023209 | Pbk | PDZ binding kinase | 1.81 |
| 1428142\_at | NM\_023794 | Etv5 | ets variant gene 5 | 1.81 |
| 1417045\_at | NM\_007544 | Bid | BH3 interacting domain death agonist | 1.81 |
| 1417268\_at | NM\_009841 | Cd14 | CD14 antigen | 1.81 |
| 1431464\_a\_at | NM\_016881 | Pmm2 | phosphomannomutase 2 | 1.81 |
| 1444479\_at | AW540004 | --- |  | 1.80 |
| 1424110\_a\_at | NM\_008704 | Nme1 | non-metastatic cells 1, protein (NM23A) expressed in | 1.80 |
| 1435155\_at | NM\_001037711 | Cgn | cingulin | 1.80 |
| 1423937\_at | NM\_027008 | Kctd5 | potassium channel tetramerisation domain containing 5 | 1.80 |
| 1418919\_at | NM\_028232 | Sgol1 | shugoshin-like 1 (S. pombe) | 1.80 |
| 1432538\_a\_at | NM\_027009 | Rfc3 | replication factor C (activator 1) 3 | 1.80 |
| 1452504\_s\_at | NM\_028836 | Ctbs | chitobiase, di-N-acetyl- | 1.80 |
| 1432016\_a\_at | NM\_029573 | Idh3a | isocitrate dehydrogenase 3 (NAD+) alpha | 1.80 |
| 1429294\_at | NM\_027182 | Trip13 | thyroid hormone receptor interactor 13 | 1.80 |
| 1451764\_at | NM\_028584 | Marveld3 | MARVEL (membrane-associating) domain containing 3 | 1.80 |
| 1434200\_at | AV270842 | BC010981 | cDNA sequence BC010981 | 1.80 |
| 1419700\_a\_at | NM\_001163577 | Prom1 | prominin 1 | 1.80 |
| 1434094\_at | NM\_172383 | Tmem125 | transmembrane protein 125 | 1.80 |
| 1428834\_at | NM\_176933 | Dusp4 | dual specificity phosphatase 4 | 1.80 |
| 1418527\_a\_at | NM\_001080387 | Srsf10 | serine/arginine-rich splicing factor 10 | 1.79 |
| 1421835\_at | NM\_001198635 | Mtap7 | microtubule-associated protein 7 | 1.79 |
| 1416410\_at | NM\_008776 | Pafah1b3 | platelet-activating factor acetylhydrolase, isoform 1b, subunit 3 | 1.79 |
| 1430483\_a\_at | NM\_024246 | Tmem79 | transmembrane protein 79 | 1.79 |
| 1452493\_s\_at | NM\_010460 | Hoxb7 /// Hoxb8 | homeobox B7 /// homeobox B8 | 1.78 |
| 1426415\_a\_at | NM\_009546 | Trim25 | tripartite motif-containing 25 | 1.78 |
| 1419493\_a\_at | NM\_001025261 | Tpd52 | tumor protein D52 | 1.78 |
| 1423686\_a\_at | NM\_001170911 | Prr13 | proline rich 13 | 1.78 |
| 1418208\_at | NM\_011040 | Pax8 | paired box gene 8 | 1.78 |
| 1448865\_at | NM\_010476 | Hsd17b7 | hydroxysteroid (17-beta) dehydrogenase 7 | 1.78 |
| 1431692\_a\_at | NM\_001161844 | Cblc | Casitas B-lineage lymphoma c | 1.78 |
| 1416667\_at | NM\_007898 | Ebp | phenylalkylamine Ca2+ antagonist (emopamil) binding protein | 1.78 |
| 1437327\_x\_at | NM\_001163035 | Enoph1 | enolase-phosphatase 1 | 1.78 |
| 1438196\_at | NM\_175380 | Gpd1l | glycerol-3-phosphate dehydrogenase 1-like | 1.78 |
| 1426599\_a\_at | NM\_011400 | Slc2a1 | solute carrier family 2 (facilitated glucose transporter), member 1 | 1.78 |
| 1418520\_at | NM\_009443 | Tgoln1 | trans-golgi network protein | 1.78 |
| 1428593\_at | NM\_029368 | 1700029F09Rik | RIKEN cDNA 1700029F09 gene | 1.78 |
| 1435046\_at | BM240223 | --- |  | 1.77 |
| 1426626\_at | NM\_026816 | Gtf2f2 | general transcription factor IIF, polypeptide 2 | 1.77 |
| 1455699\_at | NM\_001024468 | Bcat1 | branched chain aminotransferase 1, cytosolic | 1.77 |
| 1435819\_at | BB833422 | --- |  | 1.77 |
| 1433505\_a\_at | NM\_001122768 | Lrrc8d | leucine rich repeat containing 8D | 1.77 |
| 1419172\_at | NM\_010049 | Dhfr | dihydrofolate reductase | 1.77 |
| 1450846\_at | NM\_025824 | Bzw1 | basic leucine zipper and W2 domains 1 | 1.77 |
| 1419298\_at | NM\_173006 | Pon3 | paraoxonase 3 | 1.77 |
| 1451912\_a\_at | NM\_001164259 | Fgfrl1 | fibroblast growth factor receptor-like 1 | 1.76 |
| 1418681\_at | NM\_026247 | Alg13 | asparagine-linked glycosylation 13 homolog (S. cerevisiae) | 1.76 |
| 1448844\_at | NM\_025558 | Cyb5b | cytochrome b5 type B | 1.76 |
| 1450862\_at | NM\_001122958 | Rad54l | RAD54 like (S. cerevisiae) | 1.76 |
| 1454736\_at | NM\_172939 | Ankrd57 | ankyrin repeat domain 57 | 1.76 |
| 1419452\_at | NM\_001159866 | Uchl5 | ubiquitin carboxyl-terminal esterase L5 | 1.76 |
| 1424119\_at | NM\_031869 | Prkab1 | protein kinase, AMP-activated, beta 1 non-catalytic subunit | 1.76 |
| 1434889\_at | NM\_172743 | Plekha7 | pleckstrin homology domain containing, family A member 7 | 1.76 |
| 1418487\_at | NM\_023663 | Ripk4 | receptor-interacting serine-threonine kinase 4 | 1.76 |
| 1452139\_at | NM\_145832 | Slc35c1 | solute carrier family 35, member C1 | 1.76 |
| 1460427\_a\_at | NM\_001048175 | Adam28 | a disintegrin and metallopeptidase domain 28 | 1.76 |
| 1416939\_at | NM\_026438 | Ppa1 | pyrophosphatase (inorganic) 1 | 1.76 |
| 1430291\_at | NM\_177780 | Dock5 | dedicator of cytokinesis 5 | 1.76 |
| 1454607\_s\_at | NM\_177420 | Psat1 | phosphoserine aminotransferase 1 | 1.75 |
| 1416735\_at | NM\_019734 | Asah1 | N-acylsphingosine amidohydrolase 1 | 1.75 |
| 1452016\_at | NM\_009663 | Alox5ap | arachidonate 5-lipoxygenase activating protein | 1.75 |
| 1420554\_a\_at | NM\_133223 | Rac3 | RAS-related C3 botulinum substrate 3 | 1.75 |
| 1449708\_s\_at | NM\_007691 | Chek1 | checkpoint kinase 1 homolog (S. pombe) | 1.75 |
| 1416229\_at | NM\_019437 | Rfk | riboflavin kinase | 1.75 |
| 1426653\_at | NM\_008563 | Mcm3 | minichromosome maintenance deficient 3 (S. cerevisiae) | 1.75 |
| 1455144\_s\_at | NM\_001099288 | AU040829 | expressed sequence AU040829 | 1.75 |
| 1429863\_at | NM\_028894 | Lonrf3 | LON peptidase N-terminal domain and ring finger 3 | 1.75 |
| 1449705\_x\_at | NM\_008563 | Mcm3 | minichromosome maintenance deficient 3 (S. cerevisiae) | 1.75 |
| 1452067\_at | NM\_001163687 | Naaa | N-acylethanolamine acid amidase | 1.75 |
| 1455995\_at | NM\_001033258 | D10Bwg1379e | DNA segment, Chr 10, Brigham & Women's Genetics 1379 expressed | 1.75 |
| 1438968\_x\_at | NM\_001082548 | Spint2 | serine protease inhibitor, Kunitz type 2 | 1.75 |
| 1416489\_at | NM\_025951 | Pi4k2b | phosphatidylinositol 4-kinase type 2 beta | 1.74 |
| 1436735\_at | NM\_178925 | Nsun3 | NOL1/NOP2/Sun domain family member 3 | 1.74 |
| 1436302\_at | NM\_029736 | Slc10a7 | solute carrier family 10 (sodium/bile acid cotransporter family), member 7 | 1.74 |
| 1417434\_at | NM\_001145820 | Gpd2 | glycerol phosphate dehydrogenase 2, mitochondrial | 1.74 |
| 1452246\_at | NM\_017375 | Ostf1 | osteoclast stimulating factor 1 | 1.74 |
| 1425860\_x\_at | NM\_001037841 | Cklf | chemokine-like factor | 1.74 |
| 1424118\_a\_at | NM\_025565 | Spc25 | SPC25, NDC80 kinetochore complex component, homolog (S. cerevisiae) | 1.74 |
| 1434015\_at | NM\_001177627 | Slc2a6 | solute carrier family 2 (facilitated glucose transporter), member 6 | 1.73 |
| 1434666\_at | NM\_029508 | Pcgf5 | polycomb group ring finger 5 | 1.73 |
| 1427798\_x\_at | BF580235 | --- |  | 1.73 |
| 1417473\_a\_at | NM\_026494 | Ppcs | phosphopantothenoylcysteine synthetase | 1.73 |
| 1452754\_at | NM\_029720 | Creld2 | cysteine-rich with EGF-like domains 2 | 1.73 |
| 1451660\_a\_at | NM\_008269 | Hoxb6 | homeobox B6 | 1.73 |
| 1448777\_at | NM\_008564 | Mcm2 | minichromosome maintenance deficient 2 mitotin (S. cerevisiae) | 1.73 |
| 1425193\_at | NM\_023220 | 2010106G01Rik | RIKEN cDNA 2010106G01 gene | 1.73 |
| 1427077\_a\_at | NM\_001035854 | Ap2b1 | adaptor-related protein complex 2, beta 1 subunit | 1.72 |
| 1437694\_at | NM\_001164624 | Zfp809 | Zinc finger protein 809 | 1.72 |
| 1423122\_at | NM\_027106 | Avpi1 | arginine vasopressin-induced 1 | 1.72 |
| 1424156\_at | NM\_001139516 | Rbl1 | retinoblastoma-like 1 (p107) | 1.72 |
| 1430295\_at | NM\_010303 | Gna13 | guanine nucleotide binding protein, alpha 13 | 1.72 |
| 1450947\_at | NM\_025572 | 2610528J11Rik | RIKEN cDNA 2610528J11 gene | 1.72 |
| 1419350\_at | NM\_001167991 | Hook2 | hook homolog 2 (Drosophila) | 1.72 |
| 1448904\_at | NM\_138587 | Fam3c | family with sequence similarity 3, member C | 1.72 |
| 1416706\_at | NM\_025683 | Rpe | ribulose-5-phosphate-3-epimerase | 1.72 |
| 1438445\_at | NM\_028175 | Lrrc8e | leucine rich repeat containing 8 family, member E | 1.72 |
| 1428307\_at | NM\_028031 | Zdhhc13 | zinc finger, DHHC domain containing 13 | 1.72 |
| 1419024\_at | NM\_011200 | Ptp4a1 | protein tyrosine phosphatase 4a1 | 1.72 |
| 1430135\_at | NM\_010062 | Dnase2a | deoxyribonuclease II alpha | 1.71 |
| 1416896\_at | NM\_009097 | Rps6ka1 | ribosomal protein S6 kinase polypeptide 1 | 1.71 |
| 1460224\_at | NM\_026386 | Snx2 | sorting nexin 2 | 1.71 |
| 1417346\_at | NM\_023258 | Pycard | PYD and CARD domain containing | 1.71 |
| 1448013\_at | NM\_183225 | Usp24 | ubiquitin specific peptidase 24 | 1.71 |
| 1435951\_at | NM\_028736 | Grip1 | glutamate receptor interacting protein 1 | 1.71 |
| 1415945\_at | NM\_008566 | Mcm5 | minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae) | 1.71 |
| 1429261\_at | NM\_029384 | 2210411K11Rik | RIKEN cDNA 2210411K11 gene | 1.71 |
| 1416208\_at | NM\_001038589 | Usp14 | ubiquitin specific peptidase 14 | 1.71 |
| 1416689\_at | NM\_011656 | Tuft1 | tuftelin 1 | 1.70 |
| 1419270\_a\_at | NM\_001159646 | Dut | deoxyuridine triphosphatase | 1.70 |
| 1422445\_at | NM\_008397 | Itga6 | integrin alpha 6 | 1.70 |
| 1450735\_at | NM\_025443 | Pno1 | partner of NOB1 homolog (S. cerevisiae) | 1.70 |
| 1420868\_s\_at | NM\_019770 | Tmed2 | transmembrane emp24 domain trafficking protein 2 | 1.70 |
| 1435807\_at | NM\_009861 | Cdc42 | cell division cycle 42 homolog (S. cerevisiae) | 1.70 |
| 1422629\_s\_at | NM\_001077595 | Shroom3 | shroom family member 3 | 1.70 |
| 1448689\_at | NM\_025846 | Rras2 | related RAS viral (r-ras) oncogene homolog 2 | 1.70 |
| 1426634\_at | NM\_145551 | Slc5a9 | solute carrier family 5 (sodium/glucose cotransporter), member 9 | 1.70 |
| 1426473\_at | NM\_134081 | Dnajc9 | DnaJ (Hsp40) homolog, subfamily C, member 9 | 1.70 |
| 1426744\_at | NM\_033218 | Srebf2 | sterol regulatory element binding factor 2 | 1.70 |
| 1448232\_x\_at | NM\_009448 | Gm5620 /// Gm6682 /// Tuba1a /// Tuba1b /// Tuba1c | predicted gene 5620 /// predicted gene 6682 /// tubulin, alpha 1A /// tubulin, alpha 1B /// tubulin, alpha 1C | 1.69 |
| 1424698\_s\_at | NM\_145523 | Gca | grancalcin | 1.69 |
| 1454963\_at | NM\_178668 | Pde12 | phosphodiesterase 12 | 1.69 |
| 1418983\_at | NM\_001005784 | Inadl | InaD-like (Drosophila) | 1.69 |
| 1423040\_at | NM\_025824 | Bzw1 | basic leucine zipper and W2 domains 1 | 1.69 |
| 1452902\_at | NM\_183286 | Dhrs13 | dehydrogenase/reductase (SDR family) member 13 | 1.69 |
| 1427147\_at | NM\_199467 | F730047E07Rik | RIKEN cDNA F730047E07 gene | 1.69 |
| 1449369\_at | NM\_015775 | Tmprss2 | transmembrane protease, serine 2 | 1.69 |
| 1428132\_at | NM\_001038708 | Cdc42se1 | CDC42 small effector 1 | 1.69 |
| 1452734\_at | NM\_001083938 | Rnaset2a /// Rnaset2b | ribonuclease T2A /// ribonuclease T2B | 1.69 |
| 1420831\_at | NM\_001024945 | Qsox1 | quiescin Q6 sulfhydryl oxidase 1 | 1.69 |
| 1424144\_at | NM\_026014 | Cdt1 | chromatin licensing and DNA replication factor 1 | 1.68 |
| 1455726\_at | NM\_001033236 | Gm71 | predicted gene 71 | 1.68 |
| 1423877\_at | NM\_028083 | Chaf1b | chromatin assembly factor 1, subunit B (p60) | 1.68 |
| 1426649\_at | NM\_021436 | Tmeff1 | transmembrane protein with EGF-like and two follistatin-like domains 1 | 1.68 |
| 1451374\_x\_at | NM\_001037841 | Cklf | chemokine-like factor | 1.68 |
| 1438761\_a\_at | NM\_013614 | Odc1 | ornithine decarboxylase, structural 1 | 1.68 |
| 1451318\_a\_at | NM\_001111096 | Lyn | Yamaguchi sarcoma viral (v-yes-1) oncogene homolog | 1.68 |
| 1419239\_at | NM\_011760 | Zfp54 | zinc finger protein 54 | 1.68 |
| 1439830\_at | NM\_008580 | Map3k5 | mitogen-activated protein kinase kinase kinase 5 | 1.68 |
| 1433398\_at | NM\_015759 | Fgd3 | FYVE, RhoGEF and PH domain containing 3 | 1.67 |
| 1450745\_at | NM\_052993 | C1galt1 | core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1 | 1.67 |
| 1425104\_at | NM\_001142731 | Kctd1 | potassium channel tetramerisation domain containing 1 | 1.67 |
| 1449414\_at | NM\_013843 | Zfp53 | zinc finger protein 53 | 1.67 |
| 1427567\_a\_at | NM\_022314 | Tpm3 | tropomyosin 3, gamma | 1.67 |
| 1431028\_a\_at | NM\_001114339 | Pank1 | pantothenate kinase 1 | 1.67 |
| 1417405\_at | NM\_021547 | Stard3 | START domain containing 3 | 1.67 |
| 1429832\_at | NM\_001110129 | Ppih | peptidyl prolyl isomerase H | 1.67 |
| 1451346\_at | NM\_024433 | Mtap | methylthioadenosine phosphorylase | 1.67 |
| 1453030\_at | NM\_001100451 | Msl2 | male-specific lethal 2 homolog (Drosophila) | 1.67 |
| 1425107\_a\_at | NM\_001113386 | Lifr | leukemia inhibitory factor receptor | 1.67 |
| 1451828\_a\_at | NM\_001033600 | Acsl4 | acyl-CoA synthetase long-chain family member 4 | 1.67 |
| 1422483\_a\_at | NM\_007808 | Cycs | cytochrome c, somatic | 1.66 |
| 1449186\_at | NM\_026121 | Bag4 | BCL2-associated athanogene 4 | 1.66 |
| 1418988\_at | NM\_001161825 | Pex7 | peroxisomal biogenesis factor 7 | 1.66 |
| 1418432\_at | NM\_133781 | Cab39 | calcium binding protein 39 | 1.66 |
| 1421013\_at | NM\_019640 | Pitpnb | phosphatidylinositol transfer protein, beta | 1.66 |
| 1456008\_at | NM\_028175 | Lrrc8e | leucine rich repeat containing 8 family, member E | 1.66 |
| 1432180\_at | NM\_001039507 | Lipe | lipase, hormone sensitive | 1.66 |
| 1425470\_at | BC003855 | --- |  | 1.66 |
| 1425568\_a\_at | NM\_028975 | Tmem33 | transmembrane protein 33 | 1.66 |
| 1425837\_a\_at | NM\_009834 | Ccrn4l | CCR4 carbon catabolite repression 4-like (S. cerevisiae) | 1.66 |
| 1453726\_s\_at | NM\_001040396 | 2810407C02Rik | RIKEN cDNA 2810407C02 gene | 1.66 |
| 1435076\_at | NM\_027773 | Fam57a | family with sequence similarity 57, member A | 1.66 |
| 1432188\_s\_at | NM\_145706 | Nup43 | nucleoporin 43 | 1.66 |
| 1417648\_s\_at | NM\_024225 | Snx5 | sorting nexin 5 | 1.66 |
| 1452678\_a\_at | NM\_172404 | Ccbl1 | cysteine conjugate-beta lyase 1 | 1.65 |
| 1433506\_at | NM\_001122768 | Lrrc8d | leucine rich repeat containing 8D | 1.65 |
| 1456861\_at | NR\_028589 | Gm14005 | predicted gene 14005 | 1.65 |
| 1421052\_a\_at | NM\_009214 | Sms | spermine synthase | 1.65 |
| 1448354\_at | NM\_008062 | G6pdx | glucose-6-phosphate dehydrogenase X-linked | 1.65 |
| 1423357\_at | NM\_026010 | Lipt2 | lipoyl(octanoyl) transferase 2 (putative) | 1.65 |
| 1448794\_s\_at | NM\_009584 | Dnajc2 | DnaJ (Hsp40) homolog, subfamily C, member 2 | 1.65 |
| 1438712\_at | NM\_001093754 | Dennd2d | DENN/MADD domain containing 2D | 1.65 |
| 1429158\_at | NM\_175127 | Fbxo28 | F-box protein 28 | 1.65 |
| 1421102\_a\_at | NM\_009498 | Vamp3 | vesicle-associated membrane protein 3 | 1.65 |
| 1439275\_s\_at | BG069453 | 9530010C24Rik | RIKEN cDNA 9530010C24 gene | 1.65 |
| 1428323\_at | NM\_001145820 | Gpd2 | glycerol phosphate dehydrogenase 2, mitochondrial | 1.65 |
| 1424991\_s\_at | NM\_021288 | Tyms /// Tyms-ps | thymidylate synthase /// thymidylate synthase, pseudogene | 1.65 |
| 1438337\_x\_at | NM\_177162 | 9930032O22Rik | RIKEN cDNA 9930032O22 gene | 1.65 |
| 1436541\_at | NM\_001168218 | 2310008H09Rik | RIKEN cDNA 2310008H09 gene | 1.65 |
| 1458599\_at | BB009155 | --- |  | 1.65 |
| 1419057\_at | NM\_019810 | Slc5a1 | solute carrier family 5 (sodium/glucose cotransporter), member 1 | 1.64 |
| 1436502\_at | NM\_001005863 | Mtus1 | mitochondrial tumor suppressor 1 | 1.64 |
| 1448922\_at | NM\_024438 | Dusp19 | dual specificity phosphatase 19 | 1.64 |
| 1460619\_at | NM\_172499 | Mfsd9 | major facilitator superfamily domain containing 9 | 1.64 |
| 1415878\_at | NM\_009103 | Rrm1 | ribonucleotide reductase M1 | 1.64 |
| 1424030\_at | NM\_001161406 | Grhl1 | grainyhead-like 1 (Drosophila) | 1.64 |
| 1415823\_at | NM\_009128 | Scd2 | stearoyl-Coenzyme A desaturase 2 | 1.64 |
| 1428061\_at | NM\_026115 | Hat1 | histone aminotransferase 1 | 1.64 |
| 1449300\_at | NM\_001163332 | Cttnbp2nl | CTTNBP2 N-terminal like | 1.64 |
| 1439214\_a\_at | NM\_007466 | Api5 | apoptosis inhibitor 5 | 1.64 |
| 1452214\_at | NM\_001039090 | Skil | SKI-like | 1.64 |
| 1452203\_at | NM\_028696 | Obfc2a | oligonucleotide/oligosaccharide-binding fold containing 2A | 1.64 |
| 1429418\_at | NM\_001122989 | Cdc14b | CDC14 cell division cycle 14 homolog B (S. cerevisiae) | 1.64 |
| 1440227\_at | NM\_017391 | Slc5a3 | solute carrier family 5 (inositol transporters), member 3 | 1.64 |
| 1440200\_at | NM\_021416 | Fam184b | family with sequence similarity 184, member B | 1.63 |
| 1429321\_at | NM\_001033135 | Rnf149 | ring finger protein 149 | 1.63 |
| 1448317\_at | NM\_025480 | Tmem128 | transmembrane protein 128 | 1.63 |
| 1417114\_at | NM\_011818 | Gmcl1 | germ cell-less homolog 1 (Drosophila) | 1.63 |
| 1431087\_at | NM\_026282 | Spc24 | SPC24, NDC80 kinetochore complex component, homolog (S. cerevisiae) | 1.63 |
| 1419820\_at | NM\_153179 | Pkhd1 | polycystic kidney and hepatic disease 1 | 1.63 |
| 1437198\_at | NM\_010716 | Lig3 | ligase III, DNA, ATP-dependent | 1.63 |
| 1418984\_at | NM\_001005784 | Inadl | InaD-like (Drosophila) | 1.63 |
| 1429533\_at | NM\_029673 | Immt | inner membrane protein, mitochondrial | 1.63 |
| 1416449\_x\_at | NM\_011503 | Stxbp2 | syntaxin binding protein 2 | 1.63 |
| 1421089\_a\_at | NM\_028228 | Pinx1 | PIN2/TERF1 interacting, telomerase inhibitor 1 | 1.63 |
| 1415828\_a\_at | NM\_030685 | Serp1 | stress-associated endoplasmic reticulum protein 1 | 1.63 |
| 1438095\_x\_at | NM\_153570 | Noc4l | Nucleolar complex associated 4 homolog (S. cerevisiae) | 1.62 |
| 1428378\_at | NM\_028421 | Zc3hav1 | zinc finger CCCH type, antiviral 1 | 1.62 |
| 1430053\_a\_at | NM\_025942 | Ola1 | Obg-like ATPase 1 | 1.62 |
| 1425503\_at | NM\_008105 | Gcnt2 | glucosaminyl (N-acetyl) transferase 2, I-branching enzyme | 1.62 |
| 1426612\_at | NM\_025372 | Tipin | timeless interacting protein | 1.62 |
| 1431802\_a\_at | NM\_027652 | Ept1 | ethanolaminephosphotransferase 1 (CDP-ethanolamine-specific) | 1.62 |
| 1424047\_at | NM\_172733 | Dera | 2-deoxyribose-5-phosphate aldolase homolog (C. elegans) | 1.62 |
| 1424383\_at | NM\_145402 | Tmem51 | transmembrane protein 51 | 1.62 |
| 1448659\_at | NM\_007611 | Casp7 | caspase 7 | 1.62 |
| 1457404\_at | NM\_001159394 | Nfkbiz | Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta | 1.62 |
| 1451064\_a\_at | NM\_177420 | Psat1 | phosphoserine aminotransferase 1 | 1.62 |
| 1453365\_at | NM\_001038621 | Rabgap1l | RAB GTPase activating protein 1-like | 1.62 |
| 1450860\_at | NM\_024434 | Lap3 | leucine aminopeptidase 3 | 1.62 |
| 1416028\_a\_at | NM\_008258 | Hn1 | hematological and neurological expressed sequence 1 | 1.62 |
| 1424202\_at | NM\_001039088 | Seh1l | SEH1-like (S. cerevisiae | 1.62 |
| 1424809\_at | NM\_177638 | Crb3 | crumbs homolog 3 (Drosophila) | 1.62 |
| 1449107\_at | NM\_027722 | Nudt4 | nudix (nucleoside diphosphate linked moiety X)-type motif 4 | 1.62 |
| 1431101\_a\_at | NM\_175283 | Srd5a1 | steroid 5 alpha-reductase 1 | 1.61 |
| 1425058\_at | NM\_153063 | Zfp472 | zinc finger protein 472 | 1.61 |
| 1428151\_x\_at | NM\_172404 | Ccbl1 | cysteine conjugate-beta lyase 1 | 1.61 |
| 1448591\_at | NM\_021281 | Ctss | cathepsin S | 1.61 |
| 1442465\_s\_at | NM\_009261 | Strbp | spermatid perinuclear RNA binding protein | 1.61 |
| 1418685\_at | NM\_001177845 | Tirap | toll-interleukin 1 receptor (TIR) domain-containing adaptor protein | 1.61 |
| 1452273\_at | NM\_001168253 | Fam83h | family with sequence similarity 83, member H | 1.61 |
| 1454006\_a\_at | NM\_178648 | Ubxn8 | UBX domain protein 8 | 1.61 |
| 1450387\_s\_at | NM\_001177602 | Ak4 | adenylate kinase 4 | 1.61 |
| 1426062\_a\_at | NM\_007611 | Casp7 | caspase 7 | 1.61 |
| 1430148\_at | NM\_011226 | Rab19 | RAB19, member RAS oncogene family | 1.61 |
| 1418371\_at | NM\_001168471 | Dynll2 | dynein light chain LC8-type 2 | 1.61 |
| 1456012\_x\_at | NM\_001083938 | Rnaset2a /// Rnaset2b | ribonuclease T2A /// ribonuclease T2B | 1.61 |
| 1423642\_at | NM\_146116 | Tubb2c | tubulin, beta 2C | 1.61 |
| 1418102\_at | NM\_008235 | Hes1 | hairy and enhancer of split 1 (Drosophila) | 1.61 |
| 1416230\_at | NM\_019437 | Rfk | riboflavin kinase | 1.61 |
| 1428736\_at | NM\_026240 | Gramd3 | GRAM domain containing 3 | 1.61 |
| 1417162\_at | NM\_027154 | Tmbim1 | transmembrane BAX inhibitor motif containing 1 | 1.61 |
| 1433599\_at | NM\_013815 | Baz1a | bromodomain adjacent to zinc finger domain 1A | 1.61 |
| 1416258\_at | NM\_009387 | Tk1 | thymidine kinase 1 | 1.60 |
| 1426737\_at | NM\_001130008 | Gspt1 | G1 to S phase transition 1 | 1.60 |
| 1455851\_at | NM\_007555 | Bmp5 | bone morphogenetic protein 5 | 1.60 |
| 1430139\_at | NM\_008234 | Hells | helicase, lymphoid specific | 1.60 |
| 1429648\_at | NM\_144902 | Slc35a3 | solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter), member 3 | 1.60 |
| 1434882\_at | NM\_026002 | Mtdh | metadherin | 1.60 |
| 1416705\_at | NM\_025683 | Rpe | ribulose-5-phosphate-3-epimerase | 1.60 |
| 1419730\_at | NM\_001171000 | Ahcyl2 | S-adenosylhomocysteine hydrolase-like 2 | 1.60 |
| 1422917\_at | NM\_023580 | Epha1 | Eph receptor A1 | 1.60 |
| 1426934\_at | NM\_001163592 | Nhsl1 | NHS-like 1 | 1.60 |
| 1416251\_at | NM\_008567 | Mcm6 | minichromosome maintenance deficient 6 (MIS5 homolog, S. pombe) (S. cerevisiae) | 1.60 |
| 1451508\_at | NM\_001040399 | Larp1b | La ribonucleoprotein domain family, member 1B | 1.60 |
| 1426601\_at | NM\_153062 | Slc37a1 | solute carrier family 37 (glycerol-3-phosphate transporter), member 1 | 1.60 |
| 1416235\_at | NM\_133807 | Lrrc59 | leucine rich repeat containing 59 | 1.60 |
| 1434062\_at | NM\_001038621 | Rabgap1l | RAB GTPase activating protein 1-like | 1.60 |
| 1424127\_at | NM\_010165 | Eya2 | eyes absent 2 homolog (Drosophila) | 1.59 |
| 1416214\_at | NM\_008565 | Mcm4 | minichromosome maintenance deficient 4 homolog (S. cerevisiae) | 1.59 |
| 1437709\_x\_at | NM\_145607 | Ttc13 | tetratricopeptide repeat domain 13 | 1.59 |
| 1427844\_a\_at | NM\_009883 | Cebpb | CCAAT/enhancer binding protein (C/EBP), beta | 1.59 |
| 1433839\_at | NM\_153591 | Nars2 | asparaginyl-tRNA synthetase 2 (mitochondrial)(putative) | 1.59 |
| 1453149\_at | NM\_172402 | Slc25a32 | solute carrier family 25, member 32 | 1.59 |
| 1421065\_at | NM\_001048177 | Jak2 | Janus kinase 2 | 1.59 |
| 1417507\_at | NM\_007805 | Cyb561 | cytochrome b-561 | 1.59 |
| 1440299\_at | NM\_173386 | E330016A19Rik | RIKEN cDNA E330016A19 gene | 1.59 |
| 1424065\_at | NM\_138677 | Edem1 | ER degradation enhancer, mannosidase alpha-like 1 | 1.59 |
| 1428827\_at | NM\_001081102 | Whsc1 | Wolf-Hirschhorn syndrome candidate 1 (human) | 1.59 |
| 1417647\_at | NM\_024225 | Snx5 | sorting nexin 5 | 1.59 |
| 1454197\_a\_at | NM\_023731 | Ccdc86 | coiled-coil domain containing 86 | 1.59 |
| 1436946\_s\_at | NM\_010318 | Gm3150 /// Gng5 | predicted gene 3150 /// guanine nucleotide binding protein (G protein), gamma 5 | 1.59 |
| 1452608\_at | NM\_019660 | Mycbp | c-myc binding protein | 1.59 |
| 1455115\_a\_at | NM\_177638 | Crb3 | crumbs homolog 3 (Drosophila) | 1.59 |
| 1419943\_s\_at | NM\_172301 | Ccnb1 | cyclin B1 | 1.59 |
| 1440797\_at | BB023120 | Dlx6os2 | Dlx6 opposite strand transcript 2 | 1.59 |
| 1428082\_at | NM\_027976 | Acsl5 | acyl-CoA synthetase long-chain family member 5 | 1.59 |
| 1460191\_at | NM\_019661 | Ykt6 | YKT6 homolog (S. Cerevisiae) | 1.59 |
| 1423174\_a\_at | NM\_021409 | Pard6b | par-6 (partitioning defective 6) homolog beta (C. elegans) | 1.59 |
| 1433891\_at | NM\_172671 | Lgr4 | leucine-rich repeat-containing G protein-coupled receptor 4 | 1.58 |
| 1426572\_at | NM\_145494 | LOC100505264 /// Me2 | NAD-dependent malic enzyme, mitochondrial-like /// malic enzyme 2, NAD(+)-dependent, mitochondrial | 1.58 |
| 1421784\_a\_at | NM\_007910 | Efna4 | ephrin A4 | 1.58 |
| 1417764\_at | NM\_025965 | Ssr1 | signal sequence receptor, alpha | 1.58 |
| 1433921\_s\_at | NM\_001047433 | Dph3 | DPH3 homolog (KTI11, S. cerevisiae) | 1.58 |
| 1455102\_at | NM\_001024526 | Larp4 | La ribonucleoprotein domain family, member 4 | 1.58 |
| 1425603\_at | NM\_001098271 | Tmem176a | transmembrane protein 176A | 1.58 |
| 1455504\_a\_at | NM\_018810 | Mkrn1 | makorin, ring finger protein, 1 | 1.58 |
| 1430221\_at | NM\_027834 | 9130008F23Rik | RIKEN cDNA 9130008F23 gene | 1.58 |
| 1419968\_at | NM\_001077354 | C77370 | expressed sequence C77370 | 1.58 |
| 1428671\_at | NM\_028179 | 2200002D01Rik | RIKEN cDNA 2200002D01 gene | 1.58 |
| 1441811\_x\_at | NM\_001098271 | Tmem176a | transmembrane protein 176A | 1.58 |
| 1429087\_at | NM\_001013577 | 1110054O05Rik | RIKEN cDNA 1110054O05 gene | 1.58 |
| 1448938\_at | NM\_026632 | Rpa3 | replication protein A3 | 1.58 |
| 1435114\_at | NM\_172598 | Wdhd1 | WD repeat and HMG-box DNA binding protein 1 | 1.58 |
| 1423088\_at | NM\_016963 | Tmod3 | tropomodulin 3 | 1.58 |
| 1417947\_at | NM\_011045 | Pcna | proliferating cell nuclear antigen | 1.58 |
| 1427938\_at | NM\_019660 | Mycbp | c-myc binding protein | 1.58 |
| 1423766\_at | NM\_026550 | Pak1ip1 | PAK1 interacting protein 1 | 1.58 |
| 1424866\_at | NM\_173754 | Usp43 | ubiquitin specific peptidase 43 | 1.57 |
| 1426411\_a\_at | NM\_009261 | Strbp | spermatid perinuclear RNA binding protein | 1.57 |
| 1454161\_s\_at | NM\_021446 | 0610007P14Rik | RIKEN cDNA 0610007P14 gene | 1.57 |
| 1431339\_a\_at | NM\_025994 | Efhd2 | EF hand domain containing 2 | 1.57 |
| 1420403\_at | NM\_001036684 | Atp2b2 | ATPase, Ca++ transporting, plasma membrane 2 | 1.57 |
| 1422303\_a\_at | NM\_009400 | Tnfrsf18 | tumor necrosis factor receptor superfamily, member 18 | 1.57 |
| 1432187\_at | NM\_145706 | Nup43 | nucleoporin 43 | 1.57 |
| 1425279\_at | NM\_001163794 | Pdik1l | PDLIM1 interacting kinase 1 like | 1.57 |
| 1426893\_at | NM\_153560 | Fam102a | family with sequence similarity 102, member A | 1.57 |
| 1437772\_s\_at | NM\_024243 | Fuca1 | fucosidase, alpha-L- 1, tissue | 1.57 |
| 1429284\_at | NM\_178061 | Mobkl2b | MOB1, Mps One Binder kinase activator-like 2B (yeast) | 1.57 |
| 1452226\_at | NM\_173867 | Rcc2 | regulator of chromosome condensation 2 | 1.57 |
| 1422707\_at | NM\_001146200 | Pik3cg | phosphoinositide-3-kinase, catalytic, gamma polypeptide | 1.57 |
| 1422327\_s\_at | NM\_008062 | G6pd2 /// G6pdx | glucose-6-phosphate dehydrogenase 2 /// glucose-6-phosphate dehydrogenase X-linked | 1.57 |
| 1428794\_at | NM\_001029936 | Specc1 | sperm antigen with calponin homology and coiled-coil domains 1 | 1.57 |
| 1460623\_at | NM\_018773 | Skap2 | src family associated phosphoprotein 2 | 1.57 |
| 1423372\_at | NM\_025882 | Pole4 | polymerase (DNA-directed), epsilon 4 (p12 subunit) | 1.57 |
| 1426600\_at | NM\_011400 | Slc2a1 | solute carrier family 2 (facilitated glucose transporter), member 1 | 1.57 |
| 1416346\_at | NM\_013898 | Timm8a1 | translocase of inner mitochondrial membrane 8 homolog a1 (yeast) | 1.57 |
| 1452008\_at | NM\_027238 | Ttc39b | tetratricopeptide repeat domain 39B | 1.57 |
| 1452009\_at | NM\_027238 | Ttc39b | tetratricopeptide repeat domain 39B | 1.57 |
| 1424324\_at | NM\_001081222 | Esco1 | establishment of cohesion 1 homolog 1 (S. cerevisiae) | 1.56 |
| 1427539\_a\_at | NM\_025635 | Zwint | ZW10 interactor | 1.56 |
| 1458440\_at | NM\_001029936 | Specc1 | sperm antigen with calponin homology and coiled-coil domains 1 | 1.56 |
| 1423524\_at | NM\_025979 | Mastl | microtubule associated serine/threonine kinase-like | 1.56 |
| 1440883\_at | NM\_001080548 | Usp6nl | USP6 N-terminal like | 1.56 |
| 1420088\_at | NM\_010907 | Nfkbia | nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha | 1.56 |
| 1421491\_a\_at | NM\_029478 | Tmem49 | transmembrane protein 49 | 1.56 |
| 1417990\_at | NM\_028104 | Ppp1r14d | protein phosphatase 1, regulatory (inhibitor) subunit 14D | 1.56 |
| 1449271\_a\_at | NM\_019487 | Hebp2 | heme binding protein 2 | 1.56 |
| 1446720\_at | AW547545 | --- |  | 1.56 |
| 1436947\_a\_at | NM\_016792 | Txnl1 | thioredoxin-like 1 | 1.56 |
| 1419486\_at | NM\_008592 | Foxc1 | forkhead box C1 | 1.56 |
| 1437348\_at | NM\_175127 | Fbxo28 | F-box protein 28 | 1.55 |
| 1426894\_s\_at | NM\_153560 | Fam102a | family with sequence similarity 102, member A | 1.55 |
| 1418387\_at | NM\_023773 | Mphosph8 | M-phase phosphoprotein 8 | 1.55 |
| 1433938\_at | NM\_173378 | Trp53bp2 | transformation related protein 53 binding protein 2 | 1.55 |
| 1416480\_a\_at | NM\_001112668 | Gm9790 /// Higd1a | predicted gene 9790 /// HIG1 domain family, member 1A | 1.55 |
| 1416132\_at | NM\_133766 | Efr3a | EFR3 homolog A (S. cerevisiae) | 1.55 |
| 1435571\_at | NM\_001093749 | Mpzl3 | myelin protein zero-like 3 | 1.55 |
| 1453067\_at | NM\_027263 | Apitd1 | apoptosis-inducing, TAF9-like domain 1 | 1.55 |
| 1433696\_at | NM\_198937 | Hn1l | hematological and neurological expressed 1-like | 1.55 |
| 1417599\_at | NM\_133983 | Cd276 | CD276 antigen | 1.55 |
| 1426986\_at | NM\_176836 | Fam76b | family with sequence similarity 76, member B | 1.55 |
| 1434016\_at | NM\_199143 | Znrf2 | zinc and ring finger 2 | 1.55 |
| 1417457\_at | NM\_025415 | Cks2 | CDC28 protein kinase regulatory subunit 2 | 1.55 |
| 1426395\_s\_at | NM\_144545 | Eif3j | eukaryotic translation initiation factor 3, subunit J | 1.55 |
| 1428069\_at | NM\_025866 | Cdca7 | cell division cycle associated 7 | 1.55 |
| 1453332\_at | NM\_001093759 | 2410002O22Rik | RIKEN cDNA 2410002O22 gene | 1.55 |
| 1416226\_at | NM\_023142 | Arpc1b | actin related protein 2/3 complex, subunit 1B | 1.55 |
| 1422508\_at | NM\_007508 | Atp6v1a | ATPase, H+ transporting, lysosomal V1 subunit A | 1.55 |
| 1415684\_at | NM\_053069 | Atg5 | autophagy-related 5 (yeast) | 1.55 |
| 1440676\_at | NM\_173425 | Fam124b | family with sequence similarity 124, member B | 1.55 |
| 1419737\_a\_at | NM\_001136069 | Ldha | lactate dehydrogenase A | 1.55 |
| 1451345\_at | NM\_024433 | Mtap | methylthioadenosine phosphorylase | 1.55 |
| 1430134\_a\_at | NM\_198246 | Yars2 | tyrosyl-tRNA synthetase 2 (mitochondrial) | 1.55 |
| 1419819\_s\_at | NM\_153055 | Sec63 | SEC63-like (S. cerevisiae) | 1.55 |
| 1417192\_at | NM\_138599 | Tomm70a | translocase of outer mitochondrial membrane 70 homolog A (yeast) | 1.55 |
| 1424222\_s\_at | NM\_009011 | Rad23b | RAD23b homolog (S. cerevisiae) | 1.54 |
| 1417293\_at | NM\_015818 | Hs6st1 | heparan sulfate 6-O-sulfotransferase 1 | 1.54 |
| 1420707\_a\_at | NM\_011634 | Traip | TRAF-interacting protein | 1.54 |
| 1423985\_at | NM\_010318 | Gng5 | guanine nucleotide binding protein (G protein), gamma 5 | 1.54 |
| 1424579\_at | NM\_144902 | Slc35a3 | solute carrier family 35 (UDP-N-acetylglucosamine (UDP-GlcNAc) transporter), member 3 | 1.54 |
| 1437632\_at | NM\_001048208 | Med14 | mediator complex subunit 14 | 1.54 |
| 1440050\_at | NM\_001042593 | Hbs1l | Hbs1-like (S. cerevisiae) | 1.54 |
| 1425844\_a\_at | NM\_011884 | Rngtt | RNA guanylyltransferase and 5'-phosphatase | 1.54 |
| 1417514\_at | NM\_138744 | Ssx2ip | synovial sarcoma, X breakpoint 2 interacting protein | 1.54 |
| 1458218\_s\_at | NM\_001122759 | Pde7a | phosphodiesterase 7A | 1.54 |
| 1423519\_at | NM\_133722 | Fam108c | family with sequence similarity 108, member C | 1.54 |
| 1424343\_a\_at | NM\_010120 | Eif1a | eukaryotic translation initiation factor 1A | 1.54 |
| 1440205\_at | NM\_026021 | Zmynd19 | zinc finger, MYND domain containing 19 | 1.54 |
| 1416942\_at | NM\_030711 | Erap1 | endoplasmic reticulum aminopeptidase 1 | 1.54 |
| 1423461\_a\_at | NM\_011908 | Ubl3 | ubiquitin-like 3 | 1.54 |
| 1423938\_at | NM\_145438 | Llgl2 | lethal giant larvae homolog 2 (Drosophila) | 1.54 |
| 1417787\_at | NM\_015789 | Dkkl1 | dickkopf-like 1 | 1.53 |
| 1419163\_s\_at | NM\_008929 | Dnajc3 | DnaJ (Hsp40) homolog, subfamily C, member 3 | 1.53 |
| 1424502\_at | NM\_146050 | Oit1 | oncoprotein induced transcript 1 | 1.53 |
| 1430289\_a\_at | NM\_027432 | Wdr77 | WD repeat domain 77 | 1.53 |
| 1422443\_at | NM\_133216 | Xpnpep1 | X-prolyl aminopeptidase (aminopeptidase P) 1, soluble | 1.53 |
| 1431176\_at | NM\_025519 | Chmp4c | chromatin modifying protein 4C | 1.53 |
| 1448126\_at | NM\_019643 | Fam60a | family with sequence similarity 60, member A | 1.53 |
| 1444508\_s\_at | NM\_001162485 | Arrdc1 | arrestin domain containing 1 | 1.53 |
| 1450113\_at | NM\_019579 | Mpp5 | membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5) | 1.53 |
| 1427094\_at | NM\_011133 | Pole2 | polymerase (DNA directed), epsilon 2 (p59 subunit) | 1.53 |
| 1435140\_at | NM\_031156 | Ide | insulin degrading enzyme | 1.53 |
| 1449252\_at | NM\_027828 | Fam110c | family with sequence similarity 110, member C | 1.53 |
| 1431506\_s\_at | NM\_001110129 | Ppih | peptidyl prolyl isomerase H | 1.53 |
| 1448564\_at | NM\_011870 | Cib1 | calcium and integrin binding 1 (calmyrin) | 1.53 |
| 1448213\_at | NM\_010730 | Anxa1 | annexin A1 | 1.53 |
| 1428400\_at | NM\_026955 | 2200002K05Rik | RIKEN cDNA 2200002K05 gene | 1.53 |
| 1424981\_at | NM\_029447 | Nln | neurolysin (metallopeptidase M3 family) | 1.52 |
| 1436922\_at | NM\_001081406 | Ppil5 | peptidylprolyl isomerase (cyclophilin) like 5 | 1.52 |
| 1423924\_s\_at | NM\_145928 | Tspan14 | tetraspanin 14 | 1.52 |
| 1428775\_at | NM\_025373 | 1110008L16Rik | RIKEN cDNA 1110008L16 gene | 1.52 |
| 1441629\_at | BB451601 | --- |  | 1.52 |
| 1435815\_at | NM\_001018087 | Ldoc1 | leucine zipper, down-regulated in cancer 1 | 1.52 |
| 1418816\_at | NM\_024190 | Chmp1b | chromatin modifying protein 1B | 1.52 |
| 1424389\_at | NM\_170591 | Nupl1 | nucleoporin like 1 | 1.52 |
| 1416893\_at | NM\_025626 | Fam107b | family with sequence similarity 107, member B | 1.52 |
| 1423501\_at | NM\_001146176 | Max | Max protein | 1.52 |
| 1437553\_at | NM\_001166457 | Brcc3 | BRCA1/BRCA2-containing complex, subunit 3 | 1.52 |
| 1424378\_at | NM\_145554 | Ldlrap1 | low density lipoprotein receptor adaptor protein 1 | 1.52 |
| 1458823\_at | BG071205 | --- |  | 1.52 |
| 1423322\_at | NM\_011699 | Lin7c | lin-7 homolog C (C. elegans) | 1.52 |
| 1448441\_at | NM\_016904 | Cks1b | CDC28 protein kinase 1b | 1.52 |
| 1430515\_s\_at | NM\_026276 | Aasdhppt | aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase | 1.52 |
| 1448722\_s\_at | NM\_026494 | Ppcs | phosphopantothenoylcysteine synthetase | 1.52 |
| 1416128\_at | NM\_009448 | Gm5620 /// Gm6682 /// Tuba1a /// Tuba1b /// Tuba1c | predicted gene 5620 /// predicted gene 6682 /// tubulin, alpha 1A /// tubulin, alpha 1B /// tubulin, alpha 1C | 1.52 |
| 1452120\_at | NM\_027643 | Naa40 | N(alpha)-acetyltransferase 40, NatD catalytic subunit, homolog (S. cerevisiae) | 1.52 |
| 1436508\_at | NM\_175403 | Mlec | malectin | 1.51 |
| 1437013\_x\_at | NM\_033617 | Atp6v0b | ATPase, H+ transporting, lysosomal V0 subunit B | 1.51 |
| 1421271\_at | NM\_021506 | Sh3rf1 | SH3 domain containing ring finger 1 | 1.51 |
| 1449211\_at | NM\_011794 | Bpnt1 /// LOC100504952 | bisphosphate 3'-nucleotidase 1 /// hypothetical LOC100504952 | 1.51 |
| 1428275\_at | NM\_001081119 | Abhd13 | abhydrolase domain containing 13 | 1.51 |
| 1428481\_s\_at | NM\_026560 | Cdca8 | cell division cycle associated 8 | 1.51 |
| 1453782\_at | NM\_001164441 | Ankrd33b | ankyrin repeat domain 33B | 1.51 |
| 1450845\_a\_at | NM\_025824 | Bzw1 | basic leucine zipper and W2 domains 1 | 1.51 |
| 1434079\_s\_at | NM\_008564 | Mcm2 | minichromosome maintenance deficient 2 mitotin (S. cerevisiae) | 1.51 |
| 1423848\_at | NM\_026758 | Mphosph6 | M phase phosphoprotein 6 | 1.51 |
| 1418727\_at | NM\_133227 | Nup155 | nucleoporin 155 | 1.51 |
| 1439802\_at | NM\_001038635 | Stk35 | serine/threonine kinase 35 | 1.51 |
| 1453202\_at | NM\_173386 | E330016A19Rik | RIKEN cDNA E330016A19 gene | 1.51 |
| 1428544\_at | NM\_001081394 | 0610007L01Rik | RIKEN cDNA 0610007L01 gene | 1.51 |
| 1421322\_a\_at | NM\_001159417 | Irf9 | interferon regulatory factor 9 | 1.51 |
| 1453052\_at | NM\_001163747 | Tmem192 | transmembrane protein 192 | 1.51 |
| 1422484\_at | NM\_007808 | Cycs | cytochrome c, somatic | 1.51 |
| 1449004\_at | NM\_023331 | Mrpl46 | mitochondrial ribosomal protein L46 | 1.51 |
| 1417952\_at | NM\_010008 | Cyp2j6 | cytochrome P450, family 2, subfamily j, polypeptide 6 | 1.51 |
| 1419322\_at | NM\_053072 | Fgd6 | FYVE, RhoGEF and PH domain containing 6 | 1.51 |
| 1418079\_at | NM\_011192 | Psme3 | proteaseome (prosome, macropain) 28 subunit, 3 | 1.51 |
| 1417773\_at | NM\_053179 | Nans | N-acetylneuraminic acid synthase (sialic acid synthase) | 1.50 |
| 1436008\_at | NM\_001025261 | Tpd52 | tumor protein D52 | 1.50 |
| 1450082\_s\_at | NM\_023794 | Etv5 | ets variant gene 5 | 1.50 |
| 1439489\_at | NM\_181748 | Gpr120 | G protein-coupled receptor 120 | 1.50 |
| 1425715\_at | NM\_027163 | Il1f8 | interleukin 1 family, member 8 | 1.50 |
| 1451477\_at | NM\_001083918 | Gm13139 | predicted gene 13139 | 1.50 |
| 1448411\_at | NM\_011716 | Wfs1 | Wolfram syndrome 1 homolog (human) | 1.50 |
| 1452026\_a\_at | NM\_023196 | Pla2g12a | phospholipase A2, group XIIA | 1.50 |
| 1439516\_at | AW488471 | 2610201A13Rik | RIKEN cDNA 2610201A13 gene | 1.50 |
| 1452730\_at | NR\_003634 | Rps4y2 | ribosomal protein S4, Y-linked 2 | 1.50 |
| 1423299\_at | NM\_016792 | Txnl1 | thioredoxin-like 1 | 1.50 |
| 1450941\_at | NM\_001098227 | Sdcbp | syndecan binding protein | 1.50 |
| 1423673\_at | NM\_177630 | Ldoc1l | leucine zipper, down-regulated in cancer 1-like | -1.50 |
| 1449110\_at | NM\_007483 | Rhob | ras homolog gene family, member B | -1.50 |
| 1424051\_at | NM\_009932 | Col4a2 | collagen, type IV, alpha 2 | -1.50 |
| 1454711\_at | NM\_001081302 | Trio | triple functional domain (PTPRF interacting) | -1.50 |
| 1416289\_at | NM\_011122 | Plod1 | procollagen-lysine, 2-oxoglutarate 5-dioxygenase 1 | -1.50 |
| 1417218\_at | NM\_133746 | Calhm2 | calcium homeostasis modulator 2 | -1.50 |
| 1450981\_at | NM\_007725 | Cnn2 | calponin 2 | -1.50 |
| 1436546\_at | NM\_001163170 | Lix1l | Lix1-like | -1.50 |
| 1429579\_at | BB266893 | 6330407I18Rik | RIKEN cDNA 6330407I18 gene | -1.50 |
| 1452660\_s\_at | NM\_001161800 | Klhl7 | kelch-like 7 (Drosophila) | -1.50 |
| 1459847\_x\_at | NM\_008115 | Gfra2 | glial cell line derived neurotrophic factor family receptor alpha 2 | -1.50 |
| 1440355\_at | NM\_175429 | Kctd12b | potassium channel tetramerisation domain containing 12b | -1.50 |
| 1421201\_a\_at | NM\_001002272 | Tro | trophinin | -1.50 |
| 1442735\_at | BM941420 | --- |  | -1.50 |
| 1455235\_x\_at | NM\_008492 | Ldhb | lactate dehydrogenase B | -1.50 |
| 1459665\_s\_at | NM\_010826 | Mrvi1 | MRV integration site 1 | -1.50 |
| 1427191\_at | NM\_173788 | Npr2 | natriuretic peptide receptor 2 | -1.50 |
| 1416863\_at | NM\_022419 | Abhd8 | abhydrolase domain containing 8 | -1.51 |
| 1424726\_at | NM\_144916 | Tmem150a | transmembrane protein 150A | -1.51 |
| 1422340\_a\_at | NM\_009610 | Actg2 | actin, gamma 2, smooth muscle, enteric | -1.51 |
| 1415951\_at | NM\_001163481 | Fkbp10 | FK506 binding protein 10 | -1.51 |
| 1453102\_at | NM\_001172160 | Flrt3 | fibronectin leucine rich transmembrane protein 3 | -1.51 |
| 1436768\_x\_at | NM\_001145921 | E130112L23Rik | RIKEN cDNA E130112L23 gene | -1.51 |
| 1427996\_at | NM\_153513 | BC028528 | cDNA sequence BC028528 | -1.51 |
| 1449851\_at | NM\_001159367 | Per1 | period homolog 1 (Drosophila) | -1.51 |
| 1432543\_a\_at | NM\_021366 | Klf13 | Kruppel-like factor 13 | -1.51 |
| 1451969\_s\_at | NM\_145619 | Parp3 | poly (ADP-ribose) polymerase family, member 3 | -1.51 |
| 1417505\_s\_at | NM\_001099348 | Gm13305 /// Gm2002 /// Il11ra1 /// Il11ra2 | predicted gene 13305 /// predicted gene 2002 /// interleukin 11 receptor, alpha chain 1 /// interleukin 11 receptor, alpha chain 2 | -1.51 |
| 1438515\_at | NM\_001130169 | Zfp207 | zinc finger protein 207 | -1.51 |
| 1436354\_at | NM\_028258 | Dzip1l | DAZ interacting protein 1-like | -1.51 |
| 1439632\_at | NM\_013531 | Gnb4 | guanine nucleotide binding protein (G protein), beta 4 | -1.51 |
| 1448700\_at | NM\_008059 | G0s2 | G0/G1 switch gene 2 | -1.51 |
| 1453251\_at | NM\_133347 | Dhx30 | DEAH (Asp-Glu-Ala-His) box polypeptide 30 | -1.51 |
| 1436043\_at | NM\_009135 | Scn7a | sodium channel, voltage-gated, type VII, alpha | -1.51 |
| 1434752\_at | XR\_106210 | LOC100044751 | hypothetical LOC100044751 | -1.51 |
| 1439381\_x\_at | NM\_183195 | Marveld1 | MARVEL (membrane-associating) domain containing 1 | -1.51 |
| 1419687\_at | NM\_134147 | Macrod1 | MACRO domain containing 1 | -1.51 |
| 1455040\_s\_at | NM\_001163610 | Nhsl2 | NHS-like 2 | -1.51 |
| 1436363\_a\_at | NM\_001081981 | Nfix | nuclear factor I/X | -1.51 |
| 1450027\_at | NM\_011520 | Sdc3 | syndecan 3 | -1.51 |
| 1454933\_at | NM\_172145 | Fam176b | family with sequence similarity 176, member B | -1.51 |
| 1426628\_at | NM\_145599 | Tmem184c | transmembrane protein 184C | -1.51 |
| 1448104\_at | NM\_134042 | Aldh6a1 | aldehyde dehydrogenase family 6, subfamily A1 | -1.51 |
| 1439549\_at | NM\_001081135 | Prrg3 | proline rich Gla (G-carboxyglutamic acid) 3 (transmembrane) | -1.52 |
| 1423878\_at | NM\_001048207 | Gypc | glycophorin C | -1.52 |
| 1420752\_at | NM\_030714 | Dtx3 | deltex 3 homolog (Drosophila) | -1.52 |
| 1440533\_at | BF464033 | --- |  | -1.52 |
| 1424412\_at | NM\_001081079 | Ogfrl1 | opioid growth factor receptor-like 1 | -1.52 |
| 1450431\_a\_at | NM\_010890 | Nedd4 | neural precursor cell expressed, developmentally down-regulated 4 | -1.52 |
| 1439852\_at | BB036443 | --- |  | -1.52 |
| 1438861\_at | NM\_172870 | Bnc2 | basonuclin 2 | -1.52 |
| 1427044\_a\_at | NM\_175007 | Amph | amphiphysin | -1.52 |
| 1424894\_at | NM\_026677 | Rab13 | RAB13, member RAS oncogene family | -1.52 |
| 1418475\_at | NM\_011325 | Scnn1b | sodium channel, nonvoltage-gated 1 beta | -1.52 |
| 1437902\_s\_at | NM\_027852 | Rarres2 | retinoic acid receptor responder (tazarotene induced) 2 | -1.52 |
| 1451289\_at | NM\_001111051 | Dclk1 | doublecortin-like kinase 1 | -1.52 |
| 1416978\_at | NM\_010189 | Fcgrt | Fc receptor, IgG, alpha chain transporter | -1.52 |
| 1444646\_at | NM\_172870 | Bnc2 | basonuclin 2 | -1.52 |
| 1437122\_at | NM\_009741 | Bcl2 | B-cell leukemia/lymphoma 2 | -1.52 |
| 1451428\_x\_at | NM\_001164564 | Egfl7 | EGF-like domain 7 | -1.52 |
| 1456623\_at | NM\_001164248 | Tpm1 | tropomyosin 1, alpha | -1.52 |
| 1452620\_at | NM\_028994 | Pck2 | phosphoenolpyruvate carboxykinase 2 (mitochondrial) | -1.52 |
| 1417804\_at | NM\_011242 | Rasgrp2 | RAS, guanyl releasing protein 2 | -1.52 |
| 1437197\_at | NM\_172752 | Sorbs2 | sorbin and SH3 domain containing 2 | -1.52 |
| 1452347\_at | NM\_001033713 | Mef2a | myocyte enhancer factor 2A | -1.52 |
| 1424041\_s\_at | NM\_001097617 | C1s | complement component 1, s subcomponent | -1.52 |
| 1452792\_at | NM\_025943 | Dzip1 | DAZ interacting protein 1 | -1.52 |
| 1450939\_at | NM\_009848 | Entpd1 | ectonucleoside triphosphate diphosphohydrolase 1 | -1.52 |
| 1456602\_at | NM\_001033321 | Tmem231 | transmembrane protein 231 | -1.52 |
| 1459873\_x\_at | NM\_030700 | Maged2 | Melanoma antigen, family D, 2 | -1.52 |
| 1418606\_at | NM\_013554 | Hoxd10 | homeobox D10 | -1.52 |
| 1435893\_at | NM\_001161420 | Vldlr | very low density lipoprotein receptor | -1.52 |
| 1436755\_at | NM\_172471 | Itih5 | inter-alpha (globulin) inhibitor H5 | -1.53 |
| 1446423\_at | BB479853 | --- |  | -1.53 |
| 1421074\_at | NM\_007825 | Cyp7b1 | cytochrome P450, family 7, subfamily b, polypeptide 1 | -1.53 |
| 1435366\_at | NM\_001081022 | D430042O09Rik | RIKEN cDNA D430042O09 gene | -1.53 |
| 1459238\_at | AV319481 | --- |  | -1.53 |
| 1421276\_a\_at | NM\_133833 | Dst | dystonin | -1.53 |
| 1428372\_at | NM\_001001326 | St5 | suppression of tumorigenicity 5 | -1.53 |
| 1418534\_at | NM\_020510 | Fzd2 | frizzled homolog 2 (Drosophila) | -1.53 |
| 1455438\_at | NM\_021534 | Pxmp4 | peroxisomal membrane protein 4 | -1.53 |
| 1455562\_at | NM\_011438 | Sox12 | SRY-box containing gene 12 | -1.53 |
| 1452035\_at | NM\_009931 | Col4a1 | collagen, type IV, alpha 1 | -1.53 |
| 1455301\_at | NM\_001167860 | Wipf3 | WAS/WASL interacting protein family, member 3 | -1.53 |
| 1419739\_at | NM\_009416 | Tpm2 | tropomyosin 2, beta | -1.53 |
| 1437473\_at | NM\_001025577 | Maf | avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog | -1.53 |
| 1428156\_at | NM\_001038637 | Gng2 | guanine nucleotide binding protein (G protein), gamma 2 | -1.53 |
| 1418939\_at | NM\_008250 | Hlx | H2.0-like homeobox | -1.53 |
| 1417806\_at | NM\_001081984 | Popdc2 | popeye domain containing 2 | -1.53 |
| 1416457\_at | NM\_001190449 | Ddah2 | dimethylarginine dimethylaminohydrolase 2 | -1.53 |
| 1442897\_at | NM\_146084 | Fam13b | family with sequence similarity 13, member B | -1.53 |
| 1422644\_at | NM\_015825 | Sh3bgr | SH3-binding domain glutamic acid-rich protein | -1.53 |
| 1450199\_a\_at | NM\_138672 | Stab1 | stabilin 1 | -1.53 |
| 1452668\_x\_at | NM\_172601 | Rab2b | RAB2B, member RAS oncogene family | -1.53 |
| 1419426\_s\_at | NM\_001193666 | Ccl21a /// Ccl21b /// Ccl21c /// Gm10591 /// Gm13304 /// Gm1987 /// LOC100041593 | chemokine (C-C motif) ligand 21A (serine) /// chemokine (C-C motif) ligand 21B (leucine) /// chemokine (C-C motif) ligand 21C (leucine) /// predicted gene 10591 /// predicted gene 13304 /// predicted gene 1987 /// c-C motif chemokine 21a-like | -1.53 |
| 1447833\_x\_at | NM\_001161799 | Mfap2 | microfibrillar-associated protein 2 | -1.53 |
| 1422437\_at | NM\_007737 | Col5a2 | collagen, type V, alpha 2 | -1.53 |
| 1453776\_at | NM\_133924 | Snx21 | sorting nexin family member 21 | -1.53 |
| 1438118\_x\_at | NM\_011701 | Vim | vimentin | -1.54 |
| 1449815\_a\_at | NM\_024186 | Ssbp2 | single-stranded DNA binding protein 2 | -1.54 |
| 1457434\_s\_at | NM\_001012396 | Ptpla | protein tyrosine phosphatase-like (proline instead of catalytic arginine), member a | -1.54 |
| 1452474\_a\_at | NM\_181728 | Art3 | ADP-ribosyltransferase 3 | -1.54 |
| 1426206\_at | NM\_028783 | Robo4 | roundabout homolog 4 (Drosophila) | -1.54 |
| 1436917\_s\_at | NM\_153410 | Gpsm1 | G-protein signalling modulator 1 (AGS3-like, C. elegans) | -1.54 |
| 1416514\_a\_at | NM\_007984 | Fscn1 | fascin homolog 1, actin bundling protein (Strongylocentrotus purpuratus) | -1.54 |
| 1434089\_at | NM\_001109975 | Synpo | synaptopodin | -1.54 |
| 1451506\_at | NM\_001170537 | Mef2c | myocyte enhancer factor 2C | -1.54 |
| 1426383\_at | NM\_001113333 | Cry2 | cryptochrome 2 (photolyase-like) | -1.54 |
| 1434115\_at | NM\_019707 | Cdh13 | cadherin 13 | -1.54 |
| 1424967\_x\_at | NM\_001130174 | Tnnt2 | troponin T2, cardiac | -1.54 |
| 1438312\_s\_at | NM\_008520 | Ltbp3 | latent transforming growth factor beta binding protein 3 | -1.54 |
| 1428097\_at | NM\_001001881 | 2510009E07Rik | RIKEN cDNA 2510009E07 gene | -1.54 |
| 1419356\_at | NM\_033563 | Klf7 | Kruppel-like factor 7 (ubiquitous) | -1.54 |
| 1415770\_at | NM\_031392 | Wdr6 | WD repeat domain 6 | -1.54 |
| 1421891\_at | NM\_009179 | St3gal2 | ST3 beta-galactoside alpha-2,3-sialyltransferase 2 | -1.54 |
| 1433770\_at | NM\_009955 | Dpysl2 | dihydropyrimidinase-like 2 | -1.54 |
| 1439278\_at | NM\_019778 | Zbtb20 | zinc finger and BTB domain containing 20 | -1.54 |
| 1428896\_at | NM\_026840 | Pdgfrl | platelet-derived growth factor receptor-like | -1.54 |
| 1455038\_at | XM\_906982 | 5730471H19Rik | RIKEN cDNA 5730471H19 gene | -1.54 |
| 1436849\_x\_at | NM\_001159324 | Gaa | glucosidase, alpha, acid | -1.54 |
| 1449070\_x\_at | NM\_133237 | Apcdd1 | adenomatosis polyposis coli down-regulated 1 | -1.54 |
| 1453163\_at | NM\_027892 | Ppp1r12a | protein phosphatase 1, regulatory (inhibitor) subunit 12A | -1.54 |
| 1426784\_at | NM\_172570 | Trim47 | tripartite motif-containing 47 | -1.54 |
| 1419745\_at | NM\_021493 | Arhgap23 | Rho GTPase activating protein 23 | -1.54 |
| 1418683\_at | NM\_011698 | Lin7b | lin-7 homolog B (C. elegans) | -1.54 |
| 1453266\_at | NM\_029348 | Zbtb4 | zinc finger and BTB domain containing 4 | -1.54 |
| 1435577\_at | NM\_010014 | Dab1 | disabled homolog 1 (Drosophila) | -1.55 |
| 1451063\_at | NM\_011505 | Stxbp4 | syntaxin binding protein 4 | -1.55 |
| 1453034\_at | NM\_001007568 | Zfp251 | zinc finger protein 251 | -1.55 |
| 1434943\_at | NM\_198108 | Morn4 | MORN repeat containing 4 | -1.55 |
| 1435029\_at | NM\_001164791 | B230120H23Rik | RIKEN cDNA B230120H23 gene | -1.55 |
| 1448154\_at | NM\_001145959 | Ndrg2 | N-myc downstream regulated gene 2 | -1.55 |
| 1416513\_at | NM\_008483 | Lamb2 | laminin, beta 2 | -1.55 |
| 1452968\_at | NM\_026778 | Cthrc1 | collagen triple helix repeat containing 1 | -1.55 |
| 1417937\_at | NM\_001190466 | Dact1 | dapper homolog 1, antagonist of beta-catenin (xenopus) | -1.55 |
| 1419378\_a\_at | NM\_007503 | Fxyd2 | FXYD domain-containing ion transport regulator 2 | -1.55 |
| 1456110\_at | NM\_001081379 | Ankrd11 | ankyrin repeat domain 11 | -1.55 |
| 1456180\_at | NM\_001081425 | Rbm24 | RNA binding motif protein 24 | -1.55 |
| 1430245\_at | BM209124 | --- |  | -1.55 |
| 1416889\_at | NM\_009405 | Tnni2 | troponin I, skeletal, fast 2 | -1.55 |
| 1457321\_at | XM\_001474094 | D130037M23Rik | RIKEN cDNA D130037M23 gene | -1.55 |
| 1451440\_at | NM\_139134 | Chodl | chondrolectin | -1.55 |
| 1425968\_s\_at | NM\_001085370 | Speg | SPEG complex locus | -1.55 |
| 1441254\_at | NM\_001081050 | Pard3b | par-3 partitioning defective 3 homolog B (C. elegans) | -1.55 |
| 1429506\_at | NM\_001163660 | Nkd1 | naked cuticle 1 homolog (Drosophila) | -1.55 |
| 1420505\_a\_at | NM\_001113569 | Stxbp1 | syntaxin binding protein 1 | -1.55 |
| 1449632\_s\_at | NM\_001163481 | Fkbp10 | FK506 binding protein 10 | -1.55 |
| 1443867\_at | NM\_001025572 | Ankrd12 | ankyrin repeat domain 12 | -1.55 |
| 1424015\_at | NM\_021494 | Dennd5a | DENN/MADD domain containing 5A | -1.55 |
| 1434410\_at | NM\_174848 | Crybg3 | beta-gamma crystallin domain containing 3 | -1.55 |
| 1417846\_at | NM\_013881 | Ulk2 | Unc-51 like kinase 2 (C. elegans) | -1.55 |
| 1428288\_at | NM\_010638 | Klf9 | Kruppel-like factor 9 | -1.56 |
| 1434474\_at | NM\_147219 | Abca5 | ATP-binding cassette, sub-family A (ABC1), member 5 | -1.56 |
| 1434326\_x\_at | NM\_175484 | Coro2b | coronin, actin binding protein, 2B | -1.56 |
| 1420422\_at | NM\_053146 | Pcdhb21 | protocadherin beta 21 | -1.56 |
| 1433588\_at | NM\_026585 | D6Wsu116e | DNA segment, Chr 6, Wayne State University 116, expressed | -1.56 |
| 1434557\_at | NM\_146001 | Hip1 | huntingtin interacting protein 1 | -1.56 |
| 1436870\_s\_at | NM\_001177796 | Afap1l2 | actin filament associated protein 1-like 2 | -1.56 |
| 1427986\_a\_at | NM\_028266 | Col16a1 | collagen, type XVI, alpha 1 | -1.56 |
| 1418170\_a\_at | NM\_080855 | Zcchc14 | zinc finger, CCHC domain containing 14 | -1.56 |
| 1430375\_a\_at | NM\_001048179 | Ccl27a /// Ccl27b | chemokine (C-C motif) ligand 27A /// chemokine (C-C motif) ligand 27b | -1.56 |
| 1418382\_at | NM\_133237 | Apcdd1 | adenomatosis polyposis coli down-regulated 1 | -1.56 |
| 1436966\_at | NM\_033602 | Peli2 | pellino 2 | -1.56 |
| 1415850\_at | NM\_009025 | Rasa3 | RAS p21 protein activator 3 | -1.56 |
| 1439295\_x\_at | NM\_001008427 | Gm5595 | predicted gene 5595 | -1.56 |
| 1418058\_at | NM\_133222 | Eltd1 | EGF, latrophilin seven transmembrane domain containing 1 | -1.56 |
| 1427070\_at | NM\_133924 | Snx21 | sorting nexin family member 21 | -1.56 |
| 1422064\_a\_at | NM\_019778 | Zbtb20 | zinc finger and BTB domain containing 20 | -1.56 |
| 1434141\_at | NM\_021896 | Gucy1a3 | guanylate cyclase 1, soluble, alpha 3 | -1.56 |
| 1416623\_at | NM\_013691 | Thbs3 | thrombospondin 3 | -1.56 |
| 1448259\_at | NM\_008047 | Fstl1 | follistatin-like 1 | -1.56 |
| 1416779\_at | NM\_138741 | Sdpr | serum deprivation response | -1.56 |
| 1416183\_a\_at | NM\_008492 | Ldhb | lactate dehydrogenase B | -1.56 |
| 1417978\_at | NM\_025829 | Eif4e3 | eukaryotic translation initiation factor 4E member 3 | -1.56 |
| 1428064\_at | NM\_001040111 | Arap1 | ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1 | -1.56 |
| 1426511\_at | NM\_001162913 | Susd2 | sushi domain containing 2 | -1.56 |
| 1428510\_at | NM\_181039 | Lphn1 | latrophilin 1 | -1.56 |
| 1437291\_at | NM\_175381 | 2700081O15Rik | RIKEN cDNA 2700081O15 gene | -1.56 |
| 1449335\_at | NM\_011595 | Timp3 | tissue inhibitor of metalloproteinase 3 | -1.56 |
| 1419256\_at | NM\_009260 | Spnb2 | spectrin beta 2 | -1.56 |
| 1458268\_s\_at | NM\_008343 | Igfbp3 | insulin-like growth factor binding protein 3 | -1.56 |
| 1427416\_x\_at | NM\_153459 | Dusp7 | dual specificity phosphatase 7 | -1.57 |
| 1455706\_at | NM\_011505 | Stxbp4 | syntaxin binding protein 4 | -1.57 |
| 1418511\_at | NM\_019759 | Dpt | dermatopontin | -1.57 |
| 1435763\_at | NM\_172443 | Tbc1d16 | TBC1 domain family, member 16 | -1.57 |
| 1448944\_at | NM\_008737 | Nrp1 | neuropilin 1 | -1.57 |
| 1440087\_at | BB560357 | --- |  | -1.57 |
| 1417181\_a\_at | NM\_010629 | Kifap3 | kinesin-associated protein 3 | -1.57 |
| 1417734\_at | NM\_017476 | Akap8l | A kinase (PRKA) anchor protein 8-like | -1.57 |
| 1418393\_a\_at | NM\_008398 | Itga7 | integrin alpha 7 | -1.57 |
| 1416164\_at | NM\_011812 | Fbln5 | fibulin 5 | -1.57 |
| 1425526\_a\_at | NM\_001025570 | Prrx1 | paired related homeobox 1 | -1.57 |
| 1429494\_at | NM\_029979 | Trim35 | tripartite motif-containing 35 | -1.57 |
| 1437598\_at | NM\_019778 | Zbtb20 | zinc finger and BTB domain containing 20 | -1.57 |
| 1438183\_x\_at | NM\_146126 | Sord | sorbitol dehydrogenase | -1.57 |
| 1450700\_at | NM\_026514 | Cdc42ep3 | CDC42 effector protein (Rho GTPase binding) 3 | -1.57 |
| 1455446\_x\_at | NM\_025826 | Acadsb | acyl-Coenzyme A dehydrogenase, short/branched chain | -1.57 |
| 1425991\_a\_at | NM\_145611 | Kank2 | KN motif and ankyrin repeat domains 2 | -1.57 |
| 1454734\_at | NM\_010703 | Lef1 | lymphoid enhancer binding factor 1 | -1.57 |
| 1419216\_at | NM\_009734 | Azi1 | 5-azacytidine induced gene 1 | -1.57 |
| 1436954\_at | NM\_153138 | Wipf1 | WAS/WASL interacting protein family, member 1 | -1.57 |
| 1429693\_at | NM\_001008702 | Dab2 | disabled homolog 2 (Drosophila) | -1.58 |
| 1419126\_at | NM\_013555 | Hoxd9 | homeobox D9 | -1.58 |
| 1460220\_a\_at | NM\_001113529 | Csf1 | colony stimulating factor 1 (macrophage) | -1.58 |
| 1418455\_at | NM\_019877 | Copz2 | coatomer protein complex, subunit zeta 2 | -1.58 |
| 1451019\_at | NM\_019861 | Ctsf | cathepsin F | -1.58 |
| 1428960\_at | NM\_027728 | Enkur | enkurin, TRPC channel interacting protein | -1.58 |
| 1447788\_s\_at | NM\_198617 | Tspyl3 | TSPY-like 3 | -1.58 |
| 1457058\_at | NM\_175643 | Adamts2 | a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 2 | -1.58 |
| 1417018\_at | NM\_001164352 | Efemp2 | epidermal growth factor-containing fibulin-like extracellular matrix protein 2 | -1.58 |
| 1435525\_at | NM\_001081367 | Kctd17 | potassium channel tetramerisation domain containing 17 | -1.58 |
| 1424157\_at | NM\_153068 | Ehd2 | EH-domain containing 2 | -1.58 |
| 1434196\_at | NM\_021422 | Dnaja4 | DnaJ (Hsp40) homolog, subfamily A, member 4 | -1.58 |
| 1419358\_at | NM\_030889 | Sorcs2 | sortilin-related VPS10 domain containing receptor 2 | -1.58 |
| 1418981\_at | NM\_009808 | Casp12 | caspase 12 | -1.58 |
| 1449577\_x\_at | NM\_009416 | Tpm2 | tropomyosin 2, beta | -1.58 |
| 1417128\_at | NM\_023320 | Plekho1 | pleckstrin homology domain containing, family O member 1 | -1.58 |
| 1427307\_a\_at | NM\_010014 | Dab1 | disabled homolog 1 (Drosophila) | -1.58 |
| 1433682\_at | NM\_001081116 | Arhgef17 | Rho guanine nucleotide exchange factor (GEF) 17 | -1.58 |
| 1435649\_at | NM\_199465 | Nexn | nexilin | -1.58 |
| 1435456\_at | NM\_024477 | Ttc28 | tetratricopeptide repeat domain 28 | -1.58 |
| 1448788\_at | NM\_010818 | Cd200 | CD200 antigen | -1.58 |
| 1423484\_at | NM\_031397 | Bicc1 | bicaudal C homolog 1 (Drosophila) | -1.58 |
| 1437201\_at | NM\_178725 | Lrrc4c | leucine rich repeat containing 4C | -1.58 |
| 1448656\_at | NM\_001044741 | Cacnb3 | calcium channel, voltage-dependent, beta 3 subunit | -1.59 |
| 1431833\_a\_at | NM\_008256 | Hmgcs2 | 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 | -1.59 |
| 1450449\_a\_at | NM\_021430 | Rilpl1 | Rab interacting lysosomal protein-like 1 | -1.59 |
| 1456056\_a\_at | NM\_026585 | D6Wsu116e | DNA segment, Chr 6, Wayne State University 116, expressed | -1.59 |
| 1429965\_at | NM\_001029878 | Lonrf2 | LON peptidase N-terminal domain and ring finger 2 | -1.59 |
| 1452283\_at | NM\_027760 | Rassf8 | Ras association (RalGDS/AF-6) domain family (N-terminal) member 8 | -1.59 |
| 1424270\_at | NM\_001111051 | Dclk1 | doublecortin-like kinase 1 | -1.59 |
| 1441945\_s\_at | NM\_001110271 | Abhd14a | abhydrolase domain containing 14A | -1.59 |
| 1455143\_at | NM\_198862 | Nlgn2 | neuroligin 2 | -1.59 |
| 1434776\_at | NM\_009154 | Sema5a | sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A | -1.59 |
| 1451093\_at | NM\_025554 | Polr2e | polymerase (RNA) II (DNA directed) polypeptide E | -1.59 |
| 1451542\_at | NM\_024186 | Ssbp2 | single-stranded DNA binding protein 2 | -1.59 |
| 1436939\_at | NM\_178680 | Unc45b | unc-45 homolog B (C. elegans) | -1.59 |
| 1419872\_at | NM\_001037859 | Csf1r | colony stimulating factor 1 receptor | -1.59 |
| 1417179\_at | NM\_019571 | Tspan5 | tetraspanin 5 | -1.59 |
| 1456464\_x\_at | NM\_018804 | Syt11 | Synaptotagmin XI | -1.59 |
| 1456765\_at | NM\_001163610 | Nhsl2 | NHS-like 2 | -1.59 |
| 1425639\_at | NM\_172133 | Adap2 | ArfGAP with dual PH domains 2 | -1.59 |
| 1425528\_at | NM\_001025570 | Prrx1 | paired related homeobox 1 | -1.59 |
| 1441732\_at | AU042873 | --- |  | -1.59 |
| 1418237\_s\_at | NM\_001109991 | Col18a1 | collagen, type XVIII, alpha 1 | -1.59 |
| 1418448\_at | NM\_009101 | Rras | Harvey rat sarcoma oncogene, subgroup R | -1.59 |
| 1439846\_at | NM\_010636 | Klf12 | Kruppel-like factor 12 | -1.59 |
| 1416590\_a\_at | NM\_001159482 | Rab34 | RAB34, member of RAS oncogene family | -1.59 |
| 1432057\_a\_at | NM\_027547 | Prdm5 | PR domain containing 5 | -1.59 |
| 1449536\_at | NM\_032397 | Kcnn1 | potassium intermediate/small conductance calcium-activated channel, subfamily N, member 1 | -1.59 |
| 1423507\_a\_at | NM\_001122765 | Sirt2 | sirtuin 2 (silent mating type information regulation 2, homolog) 2 (S. cerevisiae) | -1.59 |
| 1455494\_at | NM\_007742 | Col1a1 | collagen, type I, alpha 1 | -1.60 |
| 1416206\_at | NM\_001164480 | Sipa1 | signal-induced proliferation associated gene 1 | -1.60 |
| 1424239\_at | NM\_001081241 | Fam65a | family with sequence similarity 65, member A | -1.60 |
| 1426615\_s\_at | NM\_001195006 | Ndrg4 | N-myc downstream regulated gene 4 | -1.60 |
| 1449078\_at | NM\_018784 | St3gal6 | ST3 beta-galactoside alpha-2,3-sialyltransferase 6 | -1.60 |
| 1452187\_at | NM\_148930 | Rbm5 | RNA binding motif protein 5 | -1.60 |
| 1423551\_at | NM\_019707 | Cdh13 | cadherin 13 | -1.60 |
| 1452338\_s\_at | NM\_001110275 | Itsn1 | intersectin 1 (SH3 domain protein 1A) | -1.60 |
| 1416431\_at | NM\_026473 | Tubb6 | tubulin, beta 6 | -1.60 |
| 1429487\_at | NM\_027892 | Ppp1r12a | protein phosphatase 1, regulatory (inhibitor) subunit 12A | -1.60 |
| 1448688\_at | NM\_013723 | Podxl | podocalyxin-like | -1.60 |
| 1416708\_a\_at | NM\_027898 | Gramd1a | GRAM domain containing 1A | -1.60 |
| 1417836\_at | NM\_024198 | Gpx7 | glutathione peroxidase 7 | -1.60 |
| 1419283\_s\_at | NM\_027884 | Tns1 | tensin 1 | -1.60 |
| 1418402\_at | NM\_009616 | Adam19 | a disintegrin and metallopeptidase domain 19 (meltrin beta) | -1.60 |
| 1455722\_at | BB425316 | --- |  | -1.60 |
| 1425979\_a\_at | NM\_172571 | Fbf1 | Fas (TNFRSF6) binding factor 1 | -1.60 |
| 1428769\_at | NM\_001163421 | Tatdn3 | TatD DNase domain containing 3 | -1.60 |
| 1445758\_at | BG076276 | --- |  | -1.60 |
| 1448949\_at | NM\_007607 | Car4 | carbonic anhydrase 4 | -1.60 |
| 1423115\_at | NM\_001025310 | St6galnac6 | ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 6 | -1.60 |
| 1435600\_s\_at | NM\_145536 | BC020535 | cDNA sequence BC020535 | -1.60 |
| 1452667\_at | NM\_172601 | Rab2b | RAB2B, member RAS oncogene family | -1.60 |
| 1436033\_at | NM\_001113283 | BC031353 | cDNA sequence BC031353 | -1.60 |
| 1435339\_at | NM\_146188 | Kctd15 | potassium channel tetramerisation domain containing 15 | -1.60 |
| 1456925\_at | NM\_001159561 | P2rx6 | purinergic receptor P2X, ligand-gated ion channel, 6 | -1.61 |
| 1434264\_at | NM\_001034168 | Ank2 | ankyrin 2, brain | -1.61 |
| 1439478\_at | NM\_134188 | Acot2 | acyl-CoA thioesterase 2 | -1.61 |
| 1434881\_s\_at | NM\_177715 | Kctd12 | potassium channel tetramerisation domain containing 12 | -1.61 |
| 1426539\_at | NM\_145628 | Usp11 | ubiquitin specific peptidase 11 | -1.61 |
| 1440884\_s\_at | BB218047 | A530047J11Rik | RIKEN cDNA A530047J11 gene | -1.61 |
| 1421400\_at | NM\_031169 | Kcnmb1 | potassium large conductance calcium-activated channel, subfamily M, beta member 1 | -1.61 |
| 1418910\_at | NM\_007557 | Bmp7 | bone morphogenetic protein 7 | -1.61 |
| 1415712\_at | NM\_207302 | Zranb1 | zinc finger, RAN-binding domain containing 1 | -1.61 |
| 1453103\_at | NM\_001103177 | Ablim1 | actin-binding LIM protein 1 | -1.61 |
| 1456500\_at | NM\_177583 | Aph1b | anterior pharynx defective 1b homolog (C. elegans) | -1.61 |
| 1420498\_a\_at | NM\_001008702 | Dab2 | disabled homolog 2 (Drosophila) | -1.61 |
| 1449178\_at | NM\_016798 | Pdlim3 | PDZ and LIM domain 3 | -1.61 |
| 1456763\_at | NM\_012027 | Mprip | myosin phosphatase Rho interacting protein | -1.61 |
| 1455467\_at | NM\_001142781 | Fam188b | family with sequence similarity 188, member B | -1.61 |
| 1415877\_at | NM\_001136086 | Dpysl3 | dihydropyrimidinase-like 3 | -1.61 |
| 1423606\_at | NM\_001198765 | Postn | periostin, osteoblast specific factor | -1.61 |
| 1455582\_at | BI156044 | --- |  | -1.61 |
| 1435933\_at | NM\_001099298 | Scn2a1 | sodium channel, voltage-gated, type II, alpha 1 | -1.61 |
| 1426997\_at | NM\_178060 | Thra | thyroid hormone receptor alpha | -1.62 |
| 1424586\_at | NM\_153078 | Ehbp1 | EH domain binding protein 1 | -1.62 |
| 1422619\_at | NM\_008247 | Ppap2a | phosphatidic acid phosphatase type 2A | -1.62 |
| 1452761\_a\_at | NM\_001172121 | Rbms3 | RNA binding motif, single stranded interacting protein | -1.62 |
| 1419039\_at | NM\_001163472 | Cyp2d22 | cytochrome P450, family 2, subfamily d, polypeptide 22 | -1.62 |
| 1416713\_at | NM\_026481 | Tppp3 | tubulin polymerization-promoting protein family member 3 | -1.62 |
| 1417933\_at | NM\_008344 | Igfbp6 | insulin-like growth factor binding protein 6 | -1.62 |
| 1450040\_at | NM\_011594 | Timp2 | tissue inhibitor of metalloproteinase 2 | -1.62 |
| 1433745\_at | NM\_001081302 | Trio | triple functional domain (PTPRF interacting) | -1.62 |
| 1416846\_a\_at | NM\_018884 | Pdzrn3 | PDZ domain containing RING finger 3 | -1.62 |
| 1417278\_a\_at | NM\_001163660 | Nkd1 | naked cuticle 1 homolog (Drosophila) | -1.62 |
| 1435823\_x\_at | NM\_001164564 | Egfl7 | EGF-like domain 7 | -1.62 |
| 1454726\_s\_at | NM\_207232 | Ptpdc1 | protein tyrosine phosphatase domain containing 1 | -1.62 |
| 1435321\_at | NM\_001001980 | Limch1 | LIM and calponin homology domains 1 | -1.62 |
| 1448839\_at | NM\_030697 | Kank3 | KN motif and ankyrin repeat domains 3 | -1.62 |
| 1417169\_at | NM\_016808 | Usp2 | ubiquitin specific peptidase 2 | -1.62 |
| 1418446\_at | NM\_009197 | Slc16a2 | solute carrier family 16 (monocarboxylic acid transporters), member 2 | -1.62 |
| 1417071\_s\_at | NM\_133969 | Cyp4v3 | cytochrome P450, family 4, subfamily v, polypeptide 3 | -1.62 |
| 1424008\_a\_at | NM\_028030 | Rbpms2 | RNA binding protein with multiple splicing 2 | -1.62 |
| 1424382\_at | NM\_026555 | Rcn3 | reticulocalbin 3, EF-hand calcium binding domain | -1.62 |
| 1419259\_at | NM\_009105 | Rsu1 | Ras suppressor protein 1 | -1.62 |
| 1429582\_at | NM\_001037098 | Nacc2 | nucleus accumbens associated 2, BEN and BTB (POZ) domain containing | -1.62 |
| 1460210\_at | NM\_013630 | Pkd1 | polycystic kidney disease 1 homolog | -1.62 |
| 1427508\_at | NM\_001038499 | Arsi | arylsulfatase i | -1.62 |
| 1418450\_at | NM\_001195431 | Islr | immunoglobulin superfamily containing leucine-rich repeat | -1.62 |
| 1424567\_at | NM\_027533 | Tspan2 | tetraspanin 2 | -1.62 |
| 1455033\_at | NM\_001163567 | Fam102b | family with sequence similarity 102, member B | -1.62 |
| 1437003\_at | BB323930 | --- |  | -1.62 |
| 1428540\_at | NM\_029930 | Fam115a | family with sequence similarity 115, member A | -1.63 |
| 1451621\_at | NM\_024282 | Pppde1 | PPPDE peptidase domain containing 1 | -1.63 |
| 1422245\_a\_at | NM\_010826 | Mrvi1 | MRV integration site 1 | -1.63 |
| 1434528\_at | NM\_175503 | Aard | alanine and arginine rich domain containing protein | -1.63 |
| 1417116\_at | NM\_001142809 | Slc6a8 | solute carrier family 6 (neurotransmitter transporter, creatine), member 8 | -1.63 |
| 1441870\_s\_at | NM\_008861 | Pkd2 | polycystic kidney disease 2 | -1.63 |
| 1454675\_at | NM\_178060 | Thra | thyroid hormone receptor alpha | -1.63 |
| 1427371\_at | NM\_153145 | Abca8a | ATP-binding cassette, sub-family A (ABC1), member 8a | -1.63 |
| 1453855\_at | NM\_026280 | Mxra7 | matrix-remodelling associated 7 | -1.63 |
| 1435130\_at | NM\_001013778 | Fam18a | family with sequence similarity 18, member A | -1.63 |
| 1416778\_at | NM\_138741 | Sdpr | serum deprivation response | -1.63 |
| 1449466\_at | NM\_011606 | Clec3b | C-type lectin domain family 3, member b | -1.63 |
| 1455607\_at | NM\_028351 | Rspo3 | R-spondin 3 homolog (Xenopus laevis) | -1.63 |
| 1427560\_at | NM\_011383 | Six5 | sine oculis-related homeobox 5 homolog (Drosophila) | -1.63 |
| 1418187\_at | NM\_019444 | Ramp2 | receptor (calcitonin) activity modifying protein 2 | -1.63 |
| 1448529\_at | NM\_009378 | Thbd | thrombomodulin | -1.63 |
| 1417644\_at | NM\_010656 | Sspn | sarcospan | -1.63 |
| 1451500\_at | NM\_181418 | Ushbp1 | Usher syndrome 1C binding protein 1 | -1.63 |
| 1435589\_at | NM\_198616 | Ccdc85b | coiled-coil domain containing 85B | -1.63 |
| 1452889\_at | NM\_029609 | Lhpp | phospholysine phosphohistidine inorganic pyrophosphate phosphatase | -1.63 |
| 1460287\_at | NM\_011594 | Timp2 | tissue inhibitor of metalloproteinase 2 | -1.63 |
| 1424596\_s\_at | NM\_144799 | Lmcd1 | LIM and cysteine-rich domains 1 | -1.63 |
| 1448785\_at | NM\_001111026 | Runx1t1 | runt-related transcription factor 1; translocated to, 1 (cyclin D-related) | -1.64 |
| 1417558\_at | NM\_001122892 | Fyn | Fyn proto-oncogene | -1.64 |
| 1436350\_at | NM\_175514 | Fam171b | family with sequence similarity 171, member B | -1.64 |
| 1450928\_at | NM\_031166 | Id4 | inhibitor of DNA binding 4 | -1.64 |
| 1434073\_at | NM\_001163015 | Gprasp2 /// LOC100504991 | G protein-coupled receptor associated sorting protein 2 /// hypothetical LOC100504991 | -1.64 |
| 1456439\_x\_at | NM\_001164433 | Mical1 | microtubule associated monoxygenase, calponin and LIM domain containing 1 | -1.64 |
| 1424862\_s\_at | NM\_145124 | Mib2 | mindbomb homolog 2 (Drosophila) | -1.64 |
| 1456253\_s\_at | NM\_198305 | Klhl17 | kelch-like 17 (Drosophila) | -1.64 |
| 1455251\_at | NM\_001033228 | Itga1 | integrin alpha 1 | -1.64 |
| 1455090\_at | NM\_011923 | Angptl2 | angiopoietin-like 2 | -1.64 |
| 1419089\_at | NM\_011595 | Timp3 | tissue inhibitor of metalloproteinase 3 | -1.64 |
| 1439926\_at | NM\_175256 | Heg1 | HEG homolog 1 (zebrafish) | -1.64 |
| 1423352\_at | NM\_031402 | Crispld1 | cysteine-rich secretory protein LCCL domain containing 1 | -1.64 |
| 1423677\_at | NM\_012056 | Fkbp9 | FK506 binding protein 9 | -1.64 |
| 1437216\_at | NM\_176841 | Ccdc88a | coiled coil domain containing 88A | -1.64 |
| 1437066\_at | NM\_019778 | Zbtb20 | zinc finger and BTB domain containing 20 | -1.64 |
| 1448890\_at | NM\_008452 | Klf2 | Kruppel-like factor 2 (lung) | -1.64 |
| 1450919\_at | NM\_008621 | Mpp1 | membrane protein, palmitoylated | -1.64 |
| 1450922\_a\_at | NM\_009367 | Tgfb2 | transforming growth factor, beta 2 | -1.64 |
| 1455064\_at | NM\_029781 | Rab36 | RAB36, member RAS oncogene family | -1.65 |
| 1418201\_at | NM\_001083912 | Plekhg2 | pleckstrin homology domain containing, family G (with RhoGef domain) member 2 | -1.65 |
| 1439518\_at | NM\_153127 | Mmrn2 | multimerin 2 | -1.65 |
| 1451782\_a\_at | NM\_022880 | Slc29a1 | solute carrier family 29 (nucleoside transporters), member 1 | -1.65 |
| 1416080\_at | NM\_001037722 | Adam15 | a disintegrin and metallopeptidase domain 15 (metargidin) | -1.65 |
| 1428646\_at | NM\_008783 | Pbx1 | pre B-cell leukemia transcription factor 1 | -1.65 |
| 1428394\_at | NM\_172267 | Phyhd1 | phytanoyl-CoA dioxygenase domain containing 1 | -1.65 |
| 1449145\_a\_at | NM\_007616 | Cav1 | caveolin 1, caveolae protein | -1.65 |
| 1451469\_at | NM\_175275 | Cntln | centlein, centrosomal protein | -1.65 |
| 1424669\_at | NM\_026752 | Zfyve21 | zinc finger, FYVE domain containing 21 | -1.65 |
| 1419703\_at | NM\_016919 | Col5a3 | collagen, type V, alpha 3 | -1.65 |
| 1420371\_at | NM\_009229 | Sntb2 | syntrophin, basic 2 | -1.65 |
| 1420532\_at | NM\_001170745 | Magi2 | membrane associated guanylate kinase, WW and PDZ domain containing 2 | -1.65 |
| 1436277\_at | NM\_001033489 | Rnf207 | ring finger protein 207 | -1.65 |
| 1459897\_a\_at | NM\_001083903 | Sbsn | suprabasin | -1.65 |
| 1434265\_s\_at | NM\_001034168 | Ank2 | ankyrin 2, brain | -1.65 |
| 1434442\_at | NM\_175096 | Stbd1 | starch binding domain 1 | -1.65 |
| 1458662\_at | NM\_026102 | Daam1 | dishevelled associated activator of morphogenesis 1 | -1.65 |
| 1456424\_s\_at | NM\_011125 | Pltp | phospholipid transfer protein | -1.65 |
| 1424374\_at | NM\_174990 | Gimap4 | GTPase, IMAP family member 4 | -1.65 |
| 1454867\_at | NM\_001081235 | Mn1 | meningioma 1 | -1.65 |
| 1455717\_s\_at | NM\_001008231 | Daam2 | dishevelled associated activator of morphogenesis 2 | -1.65 |
| 1447852\_x\_at | NM\_021430 | Rilpl1 | Rab interacting lysosomal protein-like 1 | -1.65 |
| 1455558\_at | NM\_001033298 | Plk1s1 | polo-like kinase 1 substrate 1 | -1.66 |
| 1455870\_at | NM\_001035532 | Akap2 | A kinase (PRKA) anchor protein 2 | -1.66 |
| 1441704\_at | BB369657 | --- |  | -1.66 |
| 1439128\_at | NM\_019778 | Zbtb20 | zinc finger and BTB domain containing 20 | -1.66 |
| 1454848\_at | NM\_029834 | Ppp1r12c | protein phosphatase 1, regulatory (inhibitor) subunit 12C | -1.66 |
| 1453285\_at | NM\_025915 | Tmem88 | transmembrane protein 88 | -1.66 |
| 1417009\_at | NM\_023143 | C1ra | complement component 1, r subcomponent A | -1.66 |
| 1424393\_s\_at | NM\_175236 | Adhfe1 | alcohol dehydrogenase, iron containing, 1 | -1.66 |
| 1436459\_at | BG073622 | --- |  | -1.66 |
| 1427167\_at | XM\_003086849 | Armcx4 /// LOC100504837 | armadillo repeat containing, X-linked 4 /// armadillo repeat-containing X-linked protein 5-like | -1.66 |
| 1459807\_x\_at | NM\_028944 | P4htm | prolyl 4-hydroxylase, transmembrane (endoplasmic reticulum) | -1.66 |
| 1448664\_a\_at | NM\_001085370 | Speg | SPEG complex locus | -1.66 |
| 1430543\_at | NM\_001081114 | Clip3 | CAP-GLY domain containing linker protein 3 | -1.66 |
| 1437933\_at | NM\_020259 | Hhip | Hedgehog-interacting protein | -1.66 |
| 1448925\_at | NM\_007855 | Twist2 | twist homolog 2 (Drosophila) | -1.66 |
| 1454953\_at | NM\_027258 | Rnf157 | ring finger protein 157 | -1.66 |
| 1440619\_at | NM\_011162 | Mapk8ip1 | mitogen-activated protein kinase 8 interacting protein 1 | -1.66 |
| 1425582\_a\_at | NM\_001163522 | Emcn | endomucin | -1.66 |
| 1427240\_at | NM\_177030 | Dock6 | dedicator of cytokinesis 6 | -1.66 |
| 1455061\_a\_at | NM\_177470 | Acaa2 | acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thiolase) | -1.66 |
| 1437161\_x\_at | NM\_001042674 | Rbpms | RNA binding protein gene with multiple splicing | -1.66 |
| 1436616\_at | NM\_030266 | Inpp4a | inositol polyphosphate-4-phosphatase, type I | -1.66 |
| 1457587\_at | NM\_001160139 | Kcnq5 | potassium voltage-gated channel, subfamily Q, member 5 | -1.66 |
| 1452072\_at | NM\_026793 | Myct1 | myc target 1 | -1.66 |
| 1429235\_at | NM\_030166 | Galntl2 | UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 2 | -1.66 |
| 1456721\_at | NM\_001164805 | Thsd7a | thrombospondin, type I, domain containing 7A | -1.66 |
| 1420408\_a\_at | NM\_001044720 | Abcc9 | ATP-binding cassette, sub-family C (CFTR/MRP), member 9 | -1.66 |
| 1437439\_at | NM\_001162906 | 2410089E03Rik | RIKEN cDNA 2410089E03 gene | -1.67 |
| 1416474\_at | NM\_020043 | Igdcc4 | immunoglobulin superfamily, DCC subclass, member 4 | -1.67 |
| 1434333\_a\_at | NM\_178900 | Prkd2 | protein kinase D2 | -1.67 |
| 1448602\_at | NM\_011224 | Pygm | muscle glycogen phosphorylase | -1.67 |
| 1419040\_at | NM\_001163472 | Cyp2d22 | cytochrome P450, family 2, subfamily d, polypeptide 22 | -1.67 |
| 1437633\_at | NM\_001081379 | Ankrd11 | ankyrin repeat domain 11 | -1.67 |
| 1436991\_x\_at | NM\_146120 | Gsn | gelsolin | -1.67 |
| 1447851\_x\_at | NM\_009728 | Atp10a | ATPase, class V, type 10A | -1.67 |
| 1423071\_x\_at | XR\_107730 | LOC100505088 | hypothetical LOC100505088 | -1.67 |
| 1435910\_at | NM\_021890 | Fads3 | fatty acid desaturase 3 | -1.67 |
| 1428647\_at | NM\_008783 | Pbx1 | pre B-cell leukemia transcription factor 1 | -1.67 |
| 1455522\_at | NM\_177566 | Arhgef15 | Rho guanine nucleotide exchange factor (GEF) 15 | -1.67 |
| 1422184\_a\_at | NM\_001198790 | Ak1 | adenylate kinase 1 | -1.67 |
| 1455277\_at | NM\_020259 | Hhip | Hedgehog-interacting protein | -1.67 |
| 1416072\_at | NM\_001111059 | Cd34 | CD34 antigen | -1.68 |
| 1435041\_at | NM\_010860 | Myl6 | myosin, light polypeptide 6, alkali, smooth muscle and non-muscle | -1.68 |
| 1418533\_s\_at | NM\_020510 | Fzd2 | frizzled homolog 2 (Drosophila) | -1.68 |
| 1440975\_at | NM\_026280 | Mxra7 | matrix-remodelling associated 7 | -1.68 |
| 1457589\_at | NM\_001080814 | Fat3 | FAT tumor suppressor homolog 3 (Drosophila) | -1.68 |
| 1439527\_at | NM\_008829 | Pgr | progesterone receptor | -1.68 |
| 1437479\_x\_at | NM\_011535 | Tbx3 | T-box 3 | -1.68 |
| 1416740\_at | NM\_015734 | Col5a1 | collagen, type V, alpha 1 | -1.68 |
| 1425091\_at | NM\_027852 | Rarres2 | retinoic acid receptor responder (tazarotene induced) 2 | -1.68 |
| 1443952\_at | NM\_178060 | Thra | thyroid hormone receptor alpha | -1.68 |
| 1418059\_at | NM\_133222 | Eltd1 | EGF, latrophilin seven transmembrane domain containing 1 | -1.68 |
| 1448237\_x\_at | NM\_008492 | Ldhb | lactate dehydrogenase B | -1.68 |
| 1450209\_at | NM\_010469 | Hoxd4 | homeobox D4 | -1.68 |
| 1417756\_a\_at | NM\_001136071 | Lsp1 | lymphocyte specific 1 | -1.68 |
| 1451173\_at | NM\_001146046 | Lrrc49 | leucine rich repeat containing 49 | -1.68 |
| 1422758\_at | NM\_018763 | Chst2 | carbohydrate sulfotransferase 2 | -1.68 |
| 1437310\_at | NM\_001033128 | Bbs1 | Bardet-Biedl syndrome 1 (human) | -1.69 |
| 1418926\_at | NM\_011546 | Zeb1 | zinc finger E-box binding homeobox 1 | -1.69 |
| 1438143\_s\_at | NM\_009125 | Atxn2 | ataxin 2 | -1.69 |
| 1427344\_s\_at | NM\_029182 | Rasd2 | RASD family, member 2 | -1.69 |
| 1416780\_at | NM\_001163487 | Pfkm | phosphofructokinase, muscle | -1.69 |
| 1428431\_at | NM\_001101433 | Zcchc24 | zinc finger, CCHC domain containing 24 | -1.69 |
| 1426951\_at | NM\_015800 | Crim1 | cysteine rich transmembrane BMP regulator 1 (chordin like) | -1.69 |
| 1460081\_at | NM\_018801 | Syt7 | synaptotagmin VII | -1.69 |
| 1421006\_at | NM\_053185 | Col4a6 | collagen, type IV, alpha 6 | -1.69 |
| 1421075\_s\_at | NM\_007825 | Cyp7b1 | cytochrome P450, family 7, subfamily b, polypeptide 1 | -1.69 |
| 1437089\_at | NM\_029011 | Pyroxd2 | pyridine nucleotide-disulphide oxidoreductase domain 2 | -1.69 |
| 1422710\_a\_at | NM\_001163691 | Cacna1h | calcium channel, voltage-dependent, T type, alpha 1H subunit | -1.69 |
| 1426851\_a\_at | NM\_010930 | Nov | nephroblastoma overexpressed gene | -1.69 |
| 1419584\_at | NM\_024477 | Ttc28 | tetratricopeptide repeat domain 28 | -1.69 |
| 1426584\_a\_at | NM\_146126 | Sord | sorbitol dehydrogenase | -1.69 |
| 1437123\_at | NM\_153127 | Mmrn2 | multimerin 2 | -1.69 |
| 1417780\_at | NM\_026058 | Lass4 | LAG1 homolog, ceramide synthase 4 | -1.69 |
| 1454613\_at | NM\_001136086 | Dpysl3 | dihydropyrimidinase-like 3 | -1.69 |
| 1416007\_at | NM\_001163630 | Satb1 | special AT-rich sequence binding protein 1 | -1.70 |
| 1429543\_at | AI553459 | 6230424C14Rik | RIKEN cDNA 6230424C14 gene | -1.70 |
| 1422622\_at | NM\_008713 | Nos3 | nitric oxide synthase 3, endothelial cell | -1.70 |
| 1433538\_at | NM\_183195 | Marveld1 | MARVEL (membrane-associating) domain containing 1 | -1.70 |
| 1438104\_at | BB122985 | --- |  | -1.70 |
| 1435895\_at | NM\_175548 | Lsamp | limbic system-associated membrane protein | -1.70 |
| 1455447\_at | NR\_015481 | D430019H16Rik | RIKEN cDNA D430019H16 gene | -1.70 |
| 1435148\_at | NM\_013415 | Atp1b2 | ATPase, Na+/K+ transporting, beta 2 polypeptide | -1.70 |
| 1418726\_a\_at | NM\_001130174 | Tnnt2 | troponin T2, cardiac | -1.70 |
| 1416675\_s\_at | NM\_019676 | Plcd1 | phospholipase C, delta 1 | -1.70 |
| 1417951\_at | NM\_001136062 | Eno3 | enolase 3, beta muscle | -1.70 |
| 1442187\_at | NM\_009747 | Bdkrb2 | Bradykinin receptor, beta 2 | -1.71 |
| 1424394\_at | NM\_053267 | Selm | selenoprotein M | -1.71 |
| 1423585\_at | NM\_001159518 | Igfbp7 | insulin-like growth factor binding protein 7 | -1.71 |
| 1438606\_a\_at | NM\_013885 | Clic4 | chloride intracellular channel 4 (mitochondrial) | -1.71 |
| 1460578\_at | NM\_172731 | Fgd5 | FYVE, RhoGEF and PH domain containing 5 | -1.71 |
| 1421297\_a\_at | NM\_001159533 | Cacna1c | calcium channel, voltage-dependent, L type, alpha 1C subunit | -1.71 |
| 1426210\_x\_at | NM\_145619 | Parp3 | poly (ADP-ribose) polymerase family, member 3 | -1.71 |
| 1434362\_at | BM249454 | --- |  | -1.71 |
| 1428289\_at | NM\_010638 | Klf9 | Kruppel-like factor 9 | -1.71 |
| 1435730\_at | BM118190 | D930026N18Rik | RIKEN cDNA D930026N18 gene | -1.71 |
| 1427320\_at | NR\_002845 | Copg2as2 | coatomer protein complex, subunit gamma 2, antisense 2 | -1.71 |
| 1416159\_at | NM\_009697 | Nr2f2 | nuclear receptor subfamily 2, group F, member 2 | -1.71 |
| 1449135\_at | NM\_009236 | Sox18 | SRY-box containing gene 18 | -1.71 |
| 1448816\_at | NM\_008968 | Ptgis | prostaglandin I2 (prostacyclin) synthase | -1.71 |
| 1440739\_at | NM\_009506 | Vegfc | vascular endothelial growth factor C | -1.71 |
| 1417645\_at | NM\_010656 | Sspn | sarcospan | -1.71 |
| 1437417\_s\_at | NM\_001079844 | Gpc6 | glypican 6 | -1.71 |
| 1455626\_at | NM\_010456 | Hoxa9 | homeobox A9 | -1.71 |
| 1454677\_at | NM\_011594 | Timp2 | tissue inhibitor of metalloproteinase 2 | -1.71 |
| 1418090\_at | NM\_032398 | Plvap | plasmalemma vesicle associated protein | -1.72 |
| 1448316\_at | NM\_024217 | Cmtm3 | CKLF-like MARVEL transmembrane domain containing 3 | -1.72 |
| 1418164\_at | NM\_007941 | Stx2 | syntaxin 2 | -1.72 |
| 1437392\_at | NM\_001085521 | Tmem90b | transmembrane protein 90B | -1.72 |
| 1450397\_at | NM\_008634 | Mtap1b | microtubule-associated protein 1B | -1.72 |
| 1437429\_at | NM\_029967 | Adamtsl1 | ADAMTS-like 1 | -1.72 |
| 1417741\_at | NM\_133198 | Pygl | liver glycogen phosphorylase | -1.72 |
| 1417839\_at | NM\_013805 | Cldn5 | claudin 5 | -1.72 |
| 1428146\_s\_at | NM\_177470 | Acaa2 | acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thiolase) | -1.72 |
| 1426832\_at | NM\_172779 | Ddx26b | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26B | -1.72 |
| 1426955\_at | NM\_001109991 | Col18a1 | collagen, type XVIII, alpha 1 | -1.73 |
| 1433523\_at | NM\_178702 | Radil | Ras association and DIL domains | -1.73 |
| 1432176\_a\_at | NM\_001146348 | Eng | endoglin | -1.73 |
| 1426097\_a\_at | NM\_146178 | Ccdc106 | coiled-coil domain containing 106 | -1.73 |
| 1439044\_at | NM\_013922 | Zfp354c | zinc finger protein 354C | -1.73 |
| 1433662\_s\_at | NM\_011594 | Timp2 | tissue inhibitor of metalloproteinase 2 | -1.73 |
| 1439827\_at | NM\_175501 | Adamts12 | a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 12 | -1.73 |
| 1459903\_at | NM\_011352 | Sema7a | sema domain, immunoglobulin domain (Ig), and GPI membrane anchor, (semaphorin) 7A | -1.73 |
| 1452832\_s\_at | NM\_138651 | Cds2 | CDP-diacylglycerol synthase (phosphatidate cytidylyltransferase) 2 | -1.73 |
| 1443219\_at | BM232535 | --- |  | -1.73 |
| 1423885\_at | NM\_010683 | Lamc1 | laminin, gamma 1 | -1.73 |
| 1448250\_at | NM\_133733 | 9030425E11Rik | RIKEN cDNA 9030425E11 gene | -1.73 |
| 1416405\_at | NM\_007542 | Bgn | biglycan | -1.73 |
| 1418379\_s\_at | NM\_054044 | Gpr124 | G protein-coupled receptor 124 | -1.73 |
| 1428538\_s\_at | NM\_027852 | Rarres2 | retinoic acid receptor responder (tazarotene induced) 2 | -1.73 |
| 1434194\_at | NM\_001039934 | Mtap2 | microtubule-associated protein 2 | -1.73 |
| 1422941\_at | NM\_053116 | Wnt16 | wingless-related MMTV integration site 16 | -1.73 |
| 1460559\_at | NM\_145611 | Kank2 | KN motif and ankyrin repeat domains 2 | -1.74 |
| 1418250\_at | NM\_025404 | Arl4d | ADP-ribosylation factor-like 4D | -1.74 |
| 1424852\_at | NM\_001170537 | Mef2c | myocyte enhancer factor 2C | -1.74 |
| 1448823\_at | NM\_001012477 | Cxcl12 | chemokine (C-X-C motif) ligand 12 | -1.74 |
| 1448696\_at | NM\_001159627 | Heph | hephaestin | -1.74 |
| 1417130\_s\_at | NM\_020581 | Angptl4 | angiopoietin-like 4 | -1.74 |
| 1453152\_at | NM\_174857 | Mamdc2 | MAM domain containing 2 | -1.74 |
| 1416414\_at | NM\_133918 | Emilin1 | elastin microfibril interfacer 1 | -1.74 |
| 1448494\_at | NM\_008086 | Gas1 | growth arrest specific 1 | -1.74 |
| 1449687\_at | NM\_001166413 | D10Ertd610e | DNA segment, Chr 10, ERATO Doi 610, expressed | -1.74 |
| 1417872\_at | NM\_001077361 | Fhl1 | four and a half LIM domains 1 | -1.74 |
| 1422788\_at | NM\_021398 | Slc43a3 | solute carrier family 43, member 3 | -1.74 |
| 1460222\_at | NM\_009164 | Sh3bp1 | SH3-domain binding protein 1 | -1.74 |
| 1440244\_at | NM\_133659 | Erg | avian erythroblastosis virus E-26 (v-ets) oncogene related | -1.74 |
| 1436985\_at | NM\_026856 | Zfp644 | zinc finger protein 644 | -1.74 |
| 1435537\_at | NM\_001014288 | Ptprd | protein tyrosine phosphatase, receptor type, D | -1.74 |
| 1448251\_at | NM\_133733 | 9030425E11Rik | RIKEN cDNA 9030425E11 gene | -1.74 |
| 1448209\_a\_at | NM\_021551 | Slc22a17 | solute carrier family 22 (organic cation transporter), member 17 | -1.75 |
| 1448475\_at | NM\_133859 | Olfml3 | olfactomedin-like 3 | -1.75 |
| 1444229\_at | NM\_009697 | Nr2f2 | nuclear receptor subfamily 2, group F, member 2 | -1.75 |
| 1449396\_at | NM\_009675 | Aoc3 | amine oxidase, copper containing 3 | -1.75 |
| 1417104\_at | NM\_001146346 | Emp3 | epithelial membrane protein 3 | -1.75 |
| 1435701\_at | NM\_144853 | Cyyr1 | cysteine and tyrosine-rich protein 1 | -1.75 |
| 1435459\_at | NM\_018881 | Fmo2 | flavin containing monooxygenase 2 | -1.75 |
| 1447849\_s\_at | NM\_001025577 | Maf | avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog | -1.75 |
| 1433716\_x\_at | NM\_008115 | Gfra2 | glial cell line derived neurotrophic factor family receptor alpha 2 | -1.75 |
| 1437422\_at | NM\_009154 | Sema5a | sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A | -1.75 |
| 1428026\_at | NM\_080455 | Tshz2 | teashirt zinc finger family member 2 | -1.75 |
| 1454997\_at | NM\_177092 | Msrb3 | methionine sulfoxide reductase B3 | -1.75 |
| 1429726\_at | NM\_025807 | Slc16a9 | solute carrier family 16 (monocarboxylic acid transporters), member 9 | -1.75 |
| 1455622\_at | NM\_176973 | Podxl2 | podocalyxin-like 2 | -1.75 |
| 1434581\_at | NM\_026629 | 2410066E13Rik | RIKEN cDNA 2410066E13 gene | -1.75 |
| 1453159\_at | NM\_027974 | Efhc1 | EF-hand domain (C-terminal) containing 1 | -1.75 |
| 1449626\_s\_at | NM\_025988 | Acbd4 | acyl-Coenzyme A binding domain containing 4 | -1.75 |
| 1422906\_at | NM\_011920 | Abcg2 | ATP-binding cassette, sub-family G (WHITE), member 2 | -1.75 |
| 1450641\_at | NM\_011701 | Vim | vimentin | -1.75 |
| 1453185\_at | NM\_025669 | Sfrs18 | serine/arginine-rich splicing factor 18 | -1.76 |
| 1429313\_at | NM\_013845 | Ror1 | receptor tyrosine kinase-like orphan receptor 1 | -1.76 |
| 1426708\_at | NM\_133738 | Antxr2 | anthrax toxin receptor 2 | -1.76 |
| 1435578\_s\_at | NM\_010014 | Dab1 | disabled homolog 1 (Drosophila) | -1.76 |
| 1439348\_at | NM\_009112 | S100a10 | S100 calcium binding protein A10 (calpactin) | -1.76 |
| 1449520\_at | NM\_024477 | Ttc28 | tetratricopeptide repeat domain 28 | -1.76 |
| 1452114\_s\_at | NM\_010518 | Igfbp5 | insulin-like growth factor binding protein 5 | -1.76 |
| 1418485\_at | NM\_009208 | Slc4a3 | solute carrier family 4 (anion exchanger), member 3 | -1.76 |
| 1434819\_at | NM\_172829 | St6gal2 | beta galactoside alpha 2,6 sialyltransferase 2 | -1.76 |
| 1438299\_at | XM\_974671 | 9230108I15Rik | RIKEN cDNA 9230108I15 gene | -1.76 |
| 1450798\_at | NM\_031176 | Tnxb | tenascin XB | -1.76 |
| 1418467\_at | NM\_025891 | Smarcd3 | SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3 | -1.76 |
| 1456111\_at | NM\_172921 | Fam55d | family with sequence similarity 55, member D | -1.76 |
| 1452913\_at | NM\_025557 | Pcp4l1 | Purkinje cell protein 4-like 1 | -1.76 |
| 1418445\_at | NM\_009197 | Slc16a2 | solute carrier family 16 (monocarboxylic acid transporters), member 2 | -1.76 |
| 1438258\_at | NM\_001161420 | Vldlr | very low density lipoprotein receptor | -1.76 |
| 1435281\_at | NM\_153679 | Cpt1c | carnitine palmitoyltransferase 1c | -1.77 |
| 1422118\_at | NM\_023485 | Sync | syncoilin | -1.77 |
| 1419706\_a\_at | NM\_031185 | Akap12 | A kinase (PRKA) anchor protein (gravin) 12 | -1.77 |
| 1426855\_at | NM\_001166413 | D10Ertd610e | DNA segment, Chr 10, ERATO Doi 610, expressed | -1.77 |
| 1417439\_at | NM\_054042 | Cd248 | CD248 antigen, endosialin | -1.77 |
| 1424807\_at | NM\_010681 | Lama4 | laminin, alpha 4 | -1.77 |
| 1416716\_at | NM\_010112 | Efs | embryonal Fyn-associated substrate | -1.77 |
| 1426285\_at | NM\_008481 | Lama2 | laminin, alpha 2 | -1.77 |
| 1418269\_at | NM\_013586 | Loxl3 | lysyl oxidase-like 3 | -1.77 |
| 1434735\_at | NM\_172563 | Hlf | hepatic leukemia factor | -1.77 |
| 1430568\_at | NM\_026083 | Zc3h13 | zinc finger CCCH type containing 13 | -1.78 |
| 1437218\_at | NM\_010233 | Fn1 | fibronectin 1 | -1.78 |
| 1435796\_at | NM\_177292 | Wscd2 | WSC domain containing 2 | -1.78 |
| 1457198\_at | NM\_008737 | Nrp1 | neuropilin 1 | -1.78 |
| 1449530\_at | NM\_032000 | Trps1 | trichorhinophalangeal syndrome I (human) | -1.78 |
| 1424186\_at | NM\_026439 | Ccdc80 | coiled-coil domain containing 80 | -1.78 |
| 1428332\_at | NM\_178149 | Pik3ip1 | phosphoinositide-3-kinase interacting protein 1 | -1.78 |
| 1439754\_at | NM\_011438 | Sox12 | SRY-box containing gene 12 | -1.78 |
| 1454790\_at | NM\_001159527 | Wdr35 | WD repeat domain 35 | -1.78 |
| 1420444\_at | NM\_011395 | Slc22a3 | solute carrier family 22 (organic cation transporter), member 3 | -1.78 |
| 1453586\_at | NM\_009848 | Entpd1 | ectonucleoside triphosphate diphosphohydrolase 1 | -1.79 |
| 1448211\_at | NM\_133764 | Atp6v0e2 | ATPase, H+ transporting, lysosomal V0 subunit E2 | -1.79 |
| 1433924\_at | NM\_008817 | Peg3 | paternally expressed 3 | -1.79 |
| 1432198\_at | AK018172 | --- |  | -1.79 |
| 1416455\_a\_at | NM\_009964 | Cryab | crystallin, alpha B | -1.79 |
| 1426231\_at | NM\_001197028 | Vit | vitrin | -1.79 |
| 1428707\_at | NM\_026988 | Ptms | parathymosin | -1.79 |
| 1416865\_at | NM\_008001 | Fgd1 | FYVE, RhoGEF and PH domain containing 1 | -1.79 |
| 1459713\_s\_at | NM\_178642 | Ano1 | anoctamin 1, calcium activated chloride channel | -1.79 |
| 1422982\_at | NM\_013476 | Ar | androgen receptor | -1.79 |
| 1448201\_at | NM\_009144 | Sfrp2 | secreted frizzled-related protein 2 | -1.80 |
| 1424187\_at | NM\_026439 | Ccdc80 | coiled-coil domain containing 80 | -1.80 |
| 1435256\_at | NM\_001081114 | Clip3 | CAP-GLY domain containing linker protein 3 | -1.80 |
| 1418892\_at | NM\_023275 | Rhoj | ras homolog gene family, member J | -1.80 |
| 1424770\_at | NM\_145575 | Cald1 | caldesmon 1 | -1.80 |
| 1436367\_at | NM\_029928 | Ptprb | protein tyrosine phosphatase, receptor type, B | -1.80 |
| 1452766\_at | NM\_182839 | Tppp | tubulin polymerization promoting protein | -1.80 |
| 1455792\_x\_at | NM\_010882 | Ndn | necdin | -1.80 |
| 1452202\_at | NM\_001008548 | Pde2a | phosphodiesterase 2A, cGMP-stimulated | -1.81 |
| 1449563\_at | NM\_001159647 | Cntn1 | contactin 1 | -1.81 |
| 1458341\_x\_at | NM\_153422 | Pde5a | phosphodiesterase 5A, cGMP-specific | -1.81 |
| 1427201\_at | NM\_181390 | Mustn1 | musculoskeletal, embryonic nuclear protein 1 | -1.81 |
| 1436766\_at | NM\_001170848 | LOC100504012 /// Luc7l2 | hypothetical LOC100504012 /// LUC7-like 2 (S. cerevisiae) | -1.81 |
| 1436984\_at | NM\_001198570 | Abi2 | abl-interactor 2 | -1.81 |
| 1456046\_at | NM\_010740 | Cd93 | CD93 antigen | -1.81 |
| 1449531\_at | NM\_013534 | Leprel2 | leprecan-like 2 | -1.81 |
| 1418773\_at | NM\_021890 | Fads3 | fatty acid desaturase 3 | -1.81 |
| 1424379\_at | NM\_009800 | Car11 | carbonic anhydrase 11 | -1.81 |
| 1436957\_at | NM\_008067 | Gabra3 | gamma-aminobutyric acid (GABA) A receptor, subunit alpha 3 | -1.81 |
| 1437889\_x\_at | NM\_007542 | Bgn | biglycan | -1.81 |
| 1419056\_at | NM\_001025364 | Rtn2 | reticulon 2 (Z-band associated protein) | -1.81 |
| 1438114\_x\_at | NM\_010112 | Efs | Embryonal Fyn-associated substrate | -1.81 |
| 1432032\_a\_at | NM\_009711 | Artn | artemin | -1.82 |
| 1428948\_at | NM\_010610 | Kcnma1 | potassium large conductance calcium-activated channel, subfamily M, alpha member 1 | -1.82 |
| 1427640\_a\_at | NM\_001111026 | Runx1t1 | runt-related transcription factor 1; translocated to, 1 (cyclin D-related) | -1.82 |
| 1422642\_at | NM\_026514 | Cdc42ep3 | CDC42 effector protein (Rho GTPase binding) 3 | -1.82 |
| 1423180\_at | NM\_008420 | Kcnb1 | potassium voltage gated channel, Shab-related subfamily, member 1 | -1.82 |
| 1435805\_at | NM\_001033223 | Lin7a | lin-7 homolog A (C. elegans) | -1.82 |
| 1418086\_at | NM\_026731 | Ppp1r14a | protein phosphatase 1, regulatory (inhibitor) subunit 14A | -1.83 |
| 1441412\_s\_at | NM\_001165952 | Trim45 | tripartite motif-containing 45 | -1.83 |
| 1449377\_at | NM\_025449 | Nicn1 | nicolin 1 | -1.83 |
| 1435337\_at | NM\_172298 | Tshz3 | teashirt zinc finger family member 3 | -1.83 |
| 1428535\_at | NM\_001081963 | 9430020K01Rik | RIKEN cDNA 9430020K01 gene | -1.83 |
| 1448876\_at | NM\_021292 | Evc | Ellis van Creveld gene homolog (human) | -1.83 |
| 1438255\_at | NM\_183186 | Foxn3 | forkhead box N3 | -1.83 |
| 1433956\_at | NM\_009868 | Cdh5 | cadherin 5 | -1.84 |
| 1450276\_a\_at | NM\_001146196 | Scin | scinderin | -1.84 |
| 1452731\_x\_at | NM\_001024712 | ENSMUSG00000068790 /// Gm10128 /// Gm2897 /// Gm3002 /// Gm3373 /// Gm3558 /// Gm3696 /// Gm8348 | predicted gene, ENSMUSG00000068790 /// alpha-takusan pseudogene /// predicted gene 2897 /// alpha-takusan pseudogene /// predicted gene 3373 /// predicted gene 3558 /// predicted gene 3696 /// predicted pseudogene 8348 | -1.84 |
| 1442698\_at | BB252728 | --- |  | -1.84 |
| 1423250\_a\_at | NM\_009367 | Tgfb2 | transforming growth factor, beta 2 | -1.84 |
| 1435771\_at | NM\_013829 | Plcb4 | phospholipase C, beta 4 | -1.85 |
| 1448162\_at | NM\_011693 | Vcam1 | vascular cell adhesion molecule 1 | -1.85 |
| 1436763\_a\_at | NM\_010638 | Klf9 | Kruppel-like factor 9 | -1.85 |
| 1449168\_a\_at | NM\_001035532 | Akap2 /// Palm2 | A kinase (PRKA) anchor protein 2 /// paralemmin 2 | -1.86 |
| 1417429\_at | NM\_010231 | Fmo1 | flavin containing monooxygenase 1 | -1.86 |
| 1449461\_at | NM\_022020 | Rbp7 | retinol binding protein 7, cellular | -1.86 |
| 1450637\_a\_at | NM\_009636 | Aebp1 | AE binding protein 1 | -1.86 |
| 1435387\_at | NM\_001033633 | Slc2a13 | solute carrier family 2 (facilitated glucose transporter), member 13 | -1.86 |
| 1435673\_at | BB756663 | AI448005 | expressed sequence AI448005 | -1.86 |
| 1418142\_at | NM\_008428 | Kcnj8 | potassium inwardly-rectifying channel, subfamily J, member 8 | -1.86 |
| 1418796\_at | NM\_009131 | Clec11a | C-type lectin domain family 11, member a | -1.86 |
| 1423062\_at | NM\_008343 | Igfbp3 | insulin-like growth factor binding protein 3 | -1.87 |
| 1450923\_at | NM\_009367 | Tgfb2 | transforming growth factor, beta 2 | -1.87 |
| 1427486\_at | NM\_029928 | Ptprb | protein tyrosine phosphatase, receptor type, B | -1.87 |
| 1449630\_s\_at | NM\_145515 | Mark1 | MAP/microtubule affinity-regulating kinase 1 | -1.87 |
| 1417900\_a\_at | NM\_001161420 | Vldlr | very low density lipoprotein receptor | -1.87 |
| 1449058\_at | NM\_010296 | Gli1 | GLI-Kruppel family member GLI1 | -1.87 |
| 1419978\_s\_at | NM\_001166413 | D10Ertd610e | DNA segment, Chr 10, ERATO Doi 610, expressed | -1.87 |
| 1456292\_a\_at | NM\_011701 | Vim | vimentin | -1.88 |
| 1436650\_at | NM\_001081243 | Filip1 | filamin A interacting protein 1 | -1.88 |
| 1416203\_at | NM\_007472 | Aqp1 | aquaporin 1 | -1.88 |
| 1455160\_at | NR\_015483 | 2610203C20Rik | RIKEN cDNA 2610203C20 gene | -1.88 |
| 1435941\_at | NM\_139228 | Rhbdl3 | rhomboid, veinlet-like 3 (Drosophila) | -1.88 |
| 1422561\_at | NM\_011782 | Adamts5 | a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 5 (aggrecanase-2) | -1.88 |
| 1437342\_x\_at | NM\_145925 | Pttg1ip | pituitary tumor-transforming 1 interacting protein | -1.88 |
| 1436324\_at | XM\_001004201 | Stard9 | START domain containing 9 | -1.88 |
| 1418186\_at | NM\_008185 | Gstt1 | glutathione S-transferase, theta 1 | -1.88 |
| 1460574\_at | NM\_183221 | Fat4 | FAT tumor suppressor homolog 4 (Drosophila) | -1.89 |
| 1455826\_a\_at | NM\_001145947 | Bace1 | beta-site APP cleaving enzyme 1 | -1.89 |
| 1429113\_at | NM\_001102563 | 2900092E17Rik /// Prrt2 | RIKEN cDNA 2900092E17 gene /// proline-rich transmembrane protein 2 | -1.89 |
| 1427054\_s\_at | NM\_001014399 | Abi3bp | ABI gene family, member 3 (NESH) binding protein | -1.89 |
| 1433658\_x\_at | NM\_021567 | Pcbp4 | poly(rC) binding protein 4 | -1.89 |
| 1420578\_at | NM\_001160420 | Optc | opticin | -1.90 |
| 1435399\_at | NM\_080451 | Synpo2 | synaptopodin 2 | -1.90 |
| 1448902\_at | NM\_001168475 | Ttc23 | tetratricopeptide repeat domain 23 | -1.90 |
| 1444734\_at | BB183877 | A330001L22Rik | RIKEN cDNA A330001L22 gene | -1.90 |
| 1453011\_at | NM\_001172055 | Bdh2 | 3-hydroxybutyrate dehydrogenase, type 2 | -1.90 |
| 1417092\_at | NM\_001083935 | Pth1r | parathyroid hormone 1 receptor | -1.91 |
| 1426246\_at | NM\_011173 | Pros1 | protein S (alpha) | -1.91 |
| 1438672\_at | NM\_133167 | Parvb | parvin, beta | -1.91 |
| 1452382\_at | NR\_002870 | Dnm3os | dynamin 3, opposite strand | -1.92 |
| 1417129\_a\_at | NM\_001136072 | Meis2 | Meis homeobox 2 | -1.92 |
| 1419985\_s\_at | NM\_177471 | Ccdc69 | coiled-coil domain containing 69 | -1.92 |
| 1447725\_at | BE948505 | C030034E14Rik | RIKEN cDNA C030034E14 gene | -1.92 |
| 1447711\_x\_at | XR\_105385 | 4933412E12Rik | RIKEN cDNA 4933412E12 gene | -1.92 |
| 1452107\_s\_at | NM\_001029836 | Npnt | nephronectin | -1.93 |
| 1434465\_x\_at | NM\_001161420 | Vldlr | very low density lipoprotein receptor | -1.93 |
| 1421579\_at | NM\_010456 | Hoxa9 | homeobox A9 | -1.93 |
| 1455050\_at | NM\_178791 | E130203B14Rik | RIKEN cDNA E130203B14 gene | -1.94 |
| 1442977\_at | BG075843 | --- |  | -1.94 |
| 1429052\_at | NM\_001014288 | Ptprd | protein tyrosine phosphatase, receptor type, D | -1.94 |
| 1455425\_at | NM\_027384 | Tet1 | tet oncogene 1 | -1.94 |
| 1419380\_at | NM\_033327 | Zfp423 | zinc finger protein 423 | -1.94 |
| 1435275\_at | NM\_183405 | Cox6b2 | cytochrome c oxidase subunit VIb polypeptide 2 | -1.94 |
| 1416006\_at | NM\_001012335 | Mdk | midkine | -1.95 |
| 1433434\_at | NM\_178737 | AW551984 | expressed sequence AW551984 | -1.95 |
| 1421101\_a\_at | NM\_001077398 | Ldb2 | LIM domain binding 2 | -1.95 |
| 1425894\_at | NM\_145379 | Mrgprf | MAS-related GPR, member F | -1.95 |
| 1420941\_at | NM\_009063 | Rgs5 | regulator of G-protein signaling 5 | -1.96 |
| 1441506\_at | NM\_001190451 | Dcn | decorin | -1.96 |
| 1454674\_at | NM\_183171 | Fez1 | fasciculation and elongation protein zeta 1 (zygin I) | -1.96 |
| 1417590\_at | NM\_024264 | Cyp27a1 | cytochrome P450, family 27, subfamily a, polypeptide 1 | -1.97 |
| 1456393\_at | NM\_001195338 | Ncrna00081 | non-protein coding RNA 81 | -1.97 |
| 1428541\_at | NM\_029930 | Fam115a | family with sequence similarity 115, member A | -1.97 |
| 1448152\_at | NM\_001122736 | Igf2 | insulin-like growth factor 2 | -1.97 |
| 1420484\_a\_at | NM\_011707 | Vtn | vitronectin | -1.97 |
| 1448194\_a\_at | NR\_001592 | H19 | H19 fetal liver mRNA | -1.97 |
| 1422905\_s\_at | NM\_018881 | Fmo2 | flavin containing monooxygenase 2 | -1.97 |
| 1419589\_at | NM\_010740 | Cd93 | CD93 antigen | -1.98 |
| 1452666\_a\_at | NM\_178874 | Tmcc2 | transmembrane and coiled-coil domains 2 | -1.98 |
| 1452183\_a\_at | NR\_003633 | Meg3 | maternally expressed 3 | -1.98 |
| 1451204\_at | NM\_001168318 | Scara5 | scavenger receptor class A, member 5 (putative) | -1.98 |
| 1424375\_s\_at | NM\_174990 | Gimap4 | GTPase, IMAP family member 4 | -1.99 |
| 1435083\_at | NM\_183315 | Ctxn1 | cortexin 1 | -1.99 |
| 1440173\_x\_at | NM\_011347 | Selp | selectin, platelet | -2.00 |
| 1434202\_a\_at | NM\_183187 | Fam107a | family with sequence similarity 107, member A | -2.00 |
| 1416759\_at | NM\_001164433 | Mical1 | microtubule associated monoxygenase, calponin and LIM domain containing 1 | -2.00 |
| 1437853\_x\_at | NM\_010882 | Ndn | necdin | -2.00 |
| 1429918\_at | NM\_175535 | Arhgap20 | Rho GTPase activating protein 20 | -2.00 |
| 1438549\_a\_at | NM\_001163311 | Srr | serine racemase | -2.00 |
| 1426560\_a\_at | NM\_001029836 | Npnt | nephronectin | -2.00 |
| 1417168\_a\_at | NM\_016808 | Usp2 | ubiquitin specific peptidase 2 | -2.01 |
| 1451990\_at | NM\_001162941 | Mapre2 | microtubule-associated protein, RP/EB family, member 2 | -2.01 |
| 1428301\_at | NM\_001024712 | ENSMUSG00000068790 /// Gm10128 /// Gm10406 /// Gm2897 /// Gm3373 /// Gm3558 /// Gm3696 | predicted gene, ENSMUSG00000068790 /// alpha-takusan pseudogene /// predicted gene 10406 /// predicted gene 2897 /// predicted gene 3373 /// predicted gene 3558 /// predicted gene 3696 | -2.02 |
| 1418788\_at | NM\_013690 | Tek | endothelial-specific receptor tyrosine kinase | -2.02 |
| 1457632\_s\_at | NM\_001136072 | Meis2 | Meis homeobox 2 | -2.03 |
| 1437165\_a\_at | NM\_008788 | Pcolce | procollagen C-endopeptidase enhancer protein | -2.03 |
| 1419435\_at | NM\_009676 | Aox1 | aldehyde oxidase 1 | -2.04 |
| 1455164\_at | NM\_020260 | Arhgap31 | Rho GTPase activating protein 31 | -2.04 |
| 1438403\_s\_at | NR\_002847 | Malat1 | metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA) | -2.04 |
| 1439066\_at | NM\_009640 | Angpt1 | angiopoietin 1 | -2.04 |
| 1446408\_at | NM\_001122950 | Hoxa10 | Homeobox A10 | -2.05 |
| 1434990\_at | NM\_177167 | Ppm1e | protein phosphatase 1E (PP2C domain containing) | -2.05 |
| 1420719\_at | NM\_031374 | Tex15 | testis expressed gene 15 | -2.05 |
| 1418697\_at | NM\_009349 | Inmt | indolethylamine N-methyltransferase | -2.05 |
| 1456759\_at | NM\_178725 | Lrrc4c | Leucine rich repeat containing 4C | -2.05 |
| 1426852\_x\_at | NM\_010930 | Nov | nephroblastoma overexpressed gene | -2.06 |
| 1420539\_a\_at | NM\_133709 | Chrdl2 | chordin-like 2 | -2.06 |
| 1439699\_at | BB525237 | --- |  | -2.06 |
| 1452308\_a\_at | NM\_178405 | Atp1a2 | ATPase, Na+/K+ transporting, alpha 2 polypeptide | -2.06 |
| 1438496\_a\_at | NM\_172779 | Ddx26b | DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26B | -2.08 |
| 1458624\_at | NM\_001081425 | Rbm24 | RNA binding motif protein 24 | -2.08 |
| 1434893\_at | NM\_178405 | Atp1a2 | ATPase, Na+/K+ transporting, alpha 2 polypeptide | -2.10 |
| 1421374\_a\_at | NM\_019503 | Fxyd1 | FXYD domain-containing ion transport regulator 1 | -2.10 |
| 1448323\_a\_at | NM\_007542 | Bgn | biglycan | -2.11 |
| 1424886\_at | NM\_001014288 | Ptprd | protein tyrosine phosphatase, receptor type, D | -2.11 |
| 1449350\_at | NM\_011859 | Osr1 | odd-skipped related 1 (Drosophila) | -2.14 |
| 1460371\_at | NM\_028306 | Hspa12b | heat shock protein 12B | -2.16 |
| 1419759\_at | NM\_011076 | Abcb1a | ATP-binding cassette, sub-family B (MDR/TAP), member 1A | -2.16 |
| 1417574\_at | NM\_001012477 | Cxcl12 | chemokine (C-X-C motif) ligand 12 | -2.16 |
| 1451447\_at | NM\_001172099 | Cuedc1 | CUE domain containing 1 | -2.18 |
| 1421477\_at | NM\_009946 | Cplx2 | complexin 2 | -2.18 |
| 1448136\_at | NM\_001136077 | Enpp2 | ectonucleotide pyrophosphatase/phosphodiesterase 2 | -2.19 |
| 1452981\_at | NM\_001159647 | Cntn1 | contactin 1 | -2.21 |
| 1444073\_at | NM\_001025577 | Maf | avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog | -2.22 |
| 1427465\_at | NM\_178405 | Atp1a2 | ATPase, Na+/K+ transporting, alpha 2 polypeptide | -2.27 |
| 1455136\_at | NM\_178405 | Atp1a2 | ATPase, Na+/K+ transporting, alpha 2 polypeptide | -2.28 |
| 1456334\_s\_at | NR\_027963 | Zfp783 | zinc finger protein 783 | -2.29 |
| 1443823\_s\_at | NM\_178405 | Atp1a2 | ATPase, Na+/K+ transporting, alpha 2 polypeptide | -2.37 |
| 1443832\_s\_at | NM\_138741 | Sdpr | serum deprivation response | -2.38 |
| 1448507\_at | NM\_028889 | Efhd1 | EF hand domain containing 1 | -2.38 |
| 1436332\_at | NM\_001012401 | Hspb6 | heat shock protein, alpha-crystallin-related, B6 | -2.41 |
| 1416301\_a\_at | NM\_007897 | Ebf1 | early B-cell factor 1 | -2.45 |
| 1429822\_at | AK014609 | 4633401B06Rik | RIKEN cDNA 4633401B06 gene | -2.48 |
| 1436713\_s\_at | NR\_003633 | Meg3 | maternally expressed 3 | -2.52 |
| 1452905\_at | NR\_003633 | Meg3 | maternally expressed 3 | -2.53 |
| 1439380\_x\_at | NR\_003633 | Meg3 | maternally expressed 3 | -2.55 |
| 1435603\_at | NM\_172463 | Sned1 | sushi, nidogen and EGF-like domains 1 | -2.56 |
| 1418858\_at | NM\_023617 | Aox3 | aldehyde oxidase 3 | -2.91 |
| 1448326\_a\_at | NM\_013496 | Crabp1 | cellular retinoic acid binding protein I | -3.34 |

**Table S3.** List of genes associated with cell cycle and DNA replication whose transcripts are regulated by *Mig-6* ablation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Symbol** | **Accession** | **Control vs *Mig-6d/d***  **Fold change** | ***Mig-6d/d* vs *Mig-6d/dErbb2d/d***  **Fold change** |
| **DNA pre-replicative complex licensing genes** | | | | |
| Minichromosome maintenance deficient 2 | *Mcm2* | NM\_008564 | 1.73 | -1.76 |
| Minichromosome maintenance deficient 3 | *Mcm3* | NM\_008563 | 2.26 | -1.6 |
| Minichromosome maintenance deficient 4 | *Mcm4* | NM\_008565 | 1.59 | -1.62 |
| Minichromosome maintenance deficient 5 | *Mcm5* | NM\_008566 | 1.99 | -1.73 |
| Minichromosome maintenance deficient 6 | *Mcm6* | NM\_008567 | 2.24 | -2.28 |
| **Chromatin assembly and modification genes** | | | | |
| Chromatin assembly factor 1, subunit B (p60) | *Chaf1b* | NM\_028083 | 1.68 | -2.16 |
| Helicase, lymphoid specific | *Hells* | NM\_008234 | 2.74 | -2.96 |
| **DNA replication genes** | | | | |
| Flap structure specific endonuclease 1 | *Fen1* | NM\_007999 | 2.19 | -1.88 |
| Proliferating cell nuclear antigen | *Pcna* | NM\_011045 | 1.58 | -1.54 |
| **Other cell-cycle-related genes** | | | | |
| Kruppel-like factor 4 | *Klf4* | NM\_010637 | 2.55 | -2.22 |
| Kruppel-like factor 15 | *Klf15* | NM\_023184 | -1.37 | 1.36 |
| MAD2 (mitotic arrest deficient, homolog)-like 1 | *Mad2l1* | NM\_019499 | 2.09 | -1.8 |
| Myeloblastosis oncogene | *Myb* | NM\_010848 | 8.29 | -5.3 |
| Thymidine kinase 1 | *Tk1* | NM\_009387 | 1.6 | -1.43 |
| Cyclin B1 | *Ccnb1* | NM\_172301 | 1.59 | -1.71 |

**Table S4.** Primers used for RT-qPCR

|  |  |  |
| --- | --- | --- |
| Gene |  | Primer |
| *hMIG-6* |  | Hs00219060\_m1 |
| *mMig-6* |  | Mm00505292\_m1 |
| *mErbb2* |  | Mm00658541\_m1 |
| *mMuc1* |  | Mm00449604\_m1 |
| *mClca3* |  | Mm00489959\_m1 |
| *mLtf* |  | Mm00434787\_m1 |
| *mC3* |  | Mm00437858\_m1 |
| *mCdkl1* |  | Mm00806425\_m1 |
| *m18s* |  | 4319413E |
| *mMcm2* | Forward | 5'-AGTGGAAGTGGGAAGTGACG-3' |
| Reverse | 5'-CGCAAACTGATCCTACAGCA-3' |
| *mMcm3* | Forward | 5'-CAACCTTGTCATCTGCCTGA-3' |
| Reverse | 5'-GCTGTGTCCTGCGTTTGTTA-3' |
| *mMcm4* | Forward | 5'-AGCAGAAGCCCATGCTAAAG-3' |
| Reverse | 5'-AATGCCAGTACGAGGGTCAG-3' |
| *mMcm5* | Forward | 5'-GTGCCCACTGGATCCATACT-3' |
| Reverse | 5'-GCATCTCACCATGAGGGACT-3' |
| *mMcm6* | Forward | 5'-CCTCGAATGCCTTCTGTCTC-3' |
| Reverse | 5'-GATTTCACAGGGGCACTGAT-3' |
| *mKlf15* | Forward | 5'-GAGACCTTCTCGTCACCGAAA-3' |
| Reverse | 5'-GCTGGAGACATCGCTGTCAT-3' |
| *mKlf4* | Forward | 5'-ACTACCCCTACACTGAGTCCCGAG-3' |
| Reverse | 5'-TAGTGCCTGGTCAGTTCATCGGAG-3' |
| *mHells* | Forward | 5'-GGCTGCGGGACTTGAGAAAG-3' |
| Reverse | 5'-GCAAATGCTGAAGTCTGCGG-3' |
| *mFen1* | Forward | 5'-TCAGCAATTAGTTTGGCAAGGCCG-3' |
| Reverse | 5'-ATTCGCTCTGCTCCGAACATTCCT-3' |
| *mPcna* | Forward | 5'-TGCTCTGAGGTACCTGAACT-3' |
| Reverse | 5'-TGCTTCCTCATCTTCAATCT-3' |
| *mScl25a13* | Forward | 5'-CCTGCGGCATCTTTAGTGACC-3' |
| Reverse | 5'-AATGCTTTGGGGCCCTCTTCTC-3' |
| *mCcnd1* | Forward | 5'-GCGTACCCTGACACCAATCT-3' |
| Reverse | 5'-ATCTCCTTCTGCACGCACTT-3' |
| *mTgfa* | Forward | 5'-ATCCTGTTAGCTGTGTGCCA-3' |
| Reverse | 5'-GGAATCTGGGCACTTGTTGA-3' |
| *m18s* | Forward | 5'-GTAACCCGTTGAACCCCATT-3' |
| Reverse | 5'-CCATCCAATCGGTAGTAGCG-3' |