

Gene Title	Fold change (mut/nonmut)	Parametric p- value
prominin 1 /// prominin 1	6,25	5,54E-05
thymosin, beta, identified in neuroblastoma cells /// thymosin, beta, identified	5,56	2,11E-05
keratin 7 /// keratin 7	5,26	1,02E-05
Ras-induced senescence 1	4,00	1,39E-05
pleckstrin homology-like domain, family A, member 2 /// pleckstrin homology-	4,00	1,61E-05
v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)	3,85	1,22E-05
hypothetical protein FLJ10901	3,57	9,58E-05
adrenomedullin /// adrenomedullin	3,57	1,57E-05
TTK protein kinase /// TTK protein kinase	3,45	3,40E-06
CDC20 cell division cycle 20 homolog (S. cerevisiae) /// CDC20 cell division cy	3,33	1,90E-06
cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4) /// cyclin	3,23	4,89E-04
karyopherin alpha 2 (RAG cohort 1, importin alpha 1) /// karyopherin alpha 2 (f	3,13	5,80E-06
apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B /// apolip	3,03	1,71E-04
ribonucleotide reductase M2 polypeptide	2,94	2,30E-04
cysteine and glycine-rich protein 2 /// cysteine and glycine-rich protein 2	2,94	4,17E-04
tenascin C (hexabrachion) /// tenascin C (hexabrachion)	2,86	1,54E-04
guanylate binding protein 1, interferon-inducible, 67kDa /// guanylate binding p	2,78	3,01E-04
amyloid beta (A4) precursor protein (protease nexin-II, Alzheimer disease)	2,78	4,00E-07
gamma-glutamyl hydrolase (conjugase, foylpolypolygammaglutamyl hydrolase) //	2,70	5,72E-04
ubiquitin-conjugating enzyme E2E 3 (UBC4/5 homolog, yeast) /// ubiquitin-cor	2,63	5,42E-05
Mlx interactor	2,63	1,00E-09
hypothetical protein FLJ12442	2,56	2,32E-05
FAT tumor suppressor homolog 1 (Drosophila) /// FAT tumor suppressor homoc	2,56	6,09E-05
ring finger and KH domain containing 1	2,50	1,40E-06
rhomboid, veinlet-like 2 (Drosophila)	2,50	3,60E-06
pleckstrin homology-like domain, family A, member 1	2,50	9,40E-04
centromere protein A, 17kDa /// centromere protein A, 17kDa	2,50	5,84E-05
cadherin 3, type 1, P-cadherin (placental) /// cadherin 3, type 1, P-cadherin (pl	2,50	9,66E-04
phosphoglycerate dehydrogenase /// phosphoglycerate dehydrogenase	2,44	1,56E-05
dehydrogenase E1 and transketolase domain containing 1	2,44	1,70E-06
TPX2, microtubule-associated protein homolog (Xenopus laevis) /// TPX2, mic	2,38	1,81E-05
transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)	2,38	9,98E-05
thrombospondin 1 /// thrombospondin 1	2,38	2,98E-04
synaptotagmin binding, cytoplasmic RNA interacting protein	2,38	1,02E-05
LIM domain only 4 /// LIM domain only 4	2,38	4,63E-04
intercellular adhesion molecule 1 (CD54), human rhinovirus receptor /// interc	2,38	4,49E-05
etoposide induced 2.4 mRNA	2,38	1,00E-09
DNA-damage-inducible transcript 4	2,38	4,88E-05
tubulin, beta polypeptide	2,33	6,16E-05
cysteine-rich, angiogenic inducer, 61 /// cysteine-rich, angiogenic inducer, 61	2,33	4,07E-05
caveolin 2	2,33	5,06E-04
transforming growth factor beta 1 induced transcript 1 /// transforming growth	2,27	2,12E-04
ornithine decarboxylase 1 /// ornithine decarboxylase 1	2,27	3,54E-04
nuclear factor, interleukin 3 regulated /// nuclear factor, interleukin 3 regulated	2,27	2,28E-04
Melanoma associated gene	2,27	1,22E-04
solute carrier family 6 (neurotransmitter transporter, creatine), member 8 /// sc	2,22	3,48E-04
molecule interacting with Rab13	2,22	1,63E-05
tubulin beta MGC4083	2,22	2,46E-04
hypothetical protein FLJ22222	2,22	2,53E-05
stromal membrane-associated protein 1	2,17	1,00E-07
NIMA (never in mitosis gene a)-related kinase 2 /// NIMA (never in mitosis gene	2,17	2,16E-04
N-myc downstream regulated gene 1 /// N-myc downstream regulated gene 1	2,17	7,08E-04
midline 1 (Opitz/BBB syndrome) /// midline 1 (Opitz/BBB syndrome)	2,17	8,83E-04
hypothetical protein MGC39900	2,17	9,36E-04

kinesin family member 20A /// kinesin family member 20A	2,17	2,40E-04
insulin-like growth factor 2 receptor /// insulin-like growth factor 2 receptor	2,17	2,70E-05
FN5 protein	2,17	5,70E-06
cold shock domain protein A	2,17	1,03E-04
collagen, type XV, alpha 1 /// collagen, type XV, alpha 1	2,17	1,07E-05
CDC28 protein kinase regulatory subunit 2 /// CDC28 protein kinase regulatory	2,17	4,51E-04
cyclin B2 /// cyclin B2	2,17	5,32E-04
bicaudal D homolog 2 (Drosophila)	2,17	2,68E-05
BCL2-associated X protein	2,17	4,37E-05
nidogen (enactin)	2,13	2,10E-04
lipin 1	2,13	8,85E-04
lysyl oxidase-like 2 /// lysyl oxidase-like 2	2,13	9,17E-04
LIM protein (similar to rat protein kinase C-binding enigma) /// LIM protein (sin	2,13	2,11E-04
putative G-protein coupled receptor GPCR41	2,13	3,21E-04
related RAS viral (r-ras) oncogene homolog 2	2,08	3,43E-04
ribosomal protein L39-like	2,08	4,03E-04
quaking homolog, KH domain RNA binding (mouse)	2,08	1,09E-04
prostaglandin E receptor 4 (subtype EP4)	2,08	2,73E-04
mitogen-activated protein kinase kinase 3	2,08	1,00E-09
protein predicted by clone 23627	2,08	5,30E-05
GM2 ganglioside activator	2,08	2,00E-05
growth arrest-specific 1 /// growth arrest-specific 1	2,08	7,37E-04
drebrin 1 /// drebrin 1	2,08	1,04E-04
chemokine (C-X3-C motif) ligand 1	2,08	9,65E-04
carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6 /// carbohydrate (N	2,08	9,07E-05
BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast) /// BUB1 bud	2,08	8,38E-04
RAD23 homolog B (S. cerevisiae)	2,04	2,61E-04
myristoylated alanine-rich protein kinase C substrate /// myristoylated alanine	2,04	2,63E-05
KIAA0186 gene product	2,04	5,93E-04
HSPC163 protein	2,04	9,29E-05
H2A histone family, member X	2,04	3,56E-05
cyclin B1	2,04	1,43E-04
tumor necrosis factor receptor superfamily, member 21	2,00	8,90E-06
transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)	2,00	6,74E-04
syndecan 1	2,00	4,59E-04
quaking homolog, KH domain RNA binding (mouse)	2,00	9,32E-04
karyopherin alpha 2 (RAG cohort 1, importin alpha 1) /// karyopherin alpha 2 (I	2,00	9,59E-04
dihydropyrimidinase-like 3	2,00	3,60E-04
chromosome 10 open reading frame 38	2,00	7,33E-04
tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, 1	1,96	8,46E-04
Rac GTPase activating protein 1	1,96	3,30E-04
phosphoserine aminotransferase 1 /// phosphoserine aminotransferase 1	1,96	8,57E-04
KIAA0657 protein	1,96	8,64E-04
UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltran	1,96	3,08E-04
death-associated protein kinase 1 /// death-associated protein kinase 1	1,96	2,04E-04
cysteine-rich, angiogenic inducer, 61	1,96	3,34E-04
GNAS complex locus	0,50	4,10E-06
fibroblast growth factor 18	0,50	4,00E-07
B-factor, properdin /// B-factor, properdin	0,50	7,00E-07
bobby sox homolog (Drosophila)	0,50	3,80E-06
sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (se	0,50	4,90E-06
sodium channel, nonvoltage-gated 1 alpha	0,50	4,00E-07
leukocyte tyrosine kinase /// leukocyte tyrosine kinase	0,50	2,10E-06
zinc finger protein-like 1	0,49	3,80E-06
carboxylesterase 4-like /// carboxylesterase 4-like	0,49	4,00E-07
phosphodiesterase 4A, cAMP-specific (phosphodiesterase E2 dunce homolog	0,49	1,00E-09
eukaryotic translation initiation factor 4E binding protein 2 pseudogene	0,48	1,00E-09
apolipoprotein E	0,48	1,00E-09

RAS guanyl releasing protein 2 (calcium and DAG-regulated)	0,48	1,00E-09
prostate tumor overexpressed gene 1	0,48	1,00E-09
prostate tumor overexpressed gene 1	0,48	1,00E-09
ataxin 2 related protein /// ataxin 2 related protein	0,48	1,00E-09
synaptojanin 2	0,47	1,00E-09
protein kinase C-like 2	0,47	1,62E-04
interleukin 6 signal transducer (gp130, oncostatin M receptor)	0,47	5,64E-05
GABA(A) receptor-associated protein like 1	0,47	1,00E-09
cytochrome c oxidase subunit VIc /// cytochrome c oxidase subunit VIc	0,47	1,84E-04
myosin light chain 2, precursor lymphocyte-specific	0,47	1,00E-09
laminin, alpha 2 (merosin, congenital muscular dystrophy) /// laminin, alpha 2	0,47	1,16E-05
interleukin 6 signal transducer (gp130, oncostatin M receptor)	0,47	1,53E-04
adenosine deaminase, RNA-specific, B1 (RED1 homolog rat)	0,46	1,00E-09
transportin 2 (importin 3, karyopherin beta 2b)	0,46	1,00E-09
PDZ and LIM domain 7 (enigma)	0,46	1,00E-09
ems1 sequence (mammary tumor and squamous cell carcinoma-associated (†	0,46	1,16E-05
cytochrome c oxidase subunit Vb	0,46	1,00E-09
apolipoprotein L, 2 /// apolipoprotein L, 2 /// apolipoprotein L, 2	0,46	1,00E-09
myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila);	0,46	1,00E-09
C-terminal binding protein 1	0,46	4,00E-07
zinc finger protein 205 /// zinc finger protein 205	0,45	1,00E-09
regulator of G-protein signalling 6	0,45	2,00E-07
protein phosphatase 3 (formerly 2B), catalytic subunit, gamma isoform (calcir	0,45	2,00E-07
MRNA; cDNA DKFZp564F053 (from clone DKFZp564F053)	0,45	7,05E-04
tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, †	0,44	1,28E-05
ankyrin repeat domain 19	0,44	1,00E-09
transportin 1	0,44	1,52E-05
centaurin, beta 1	0,44	1,00E-09
translocated promoter region (to activated MET oncogene)	0,44	6,65E-04
mitogen-activated protein kinase 8 interacting protein 2 /// mitogen-activated †	0,44	3,50E-06
eukaryotic translation initiation factor 5A	0,44	9,60E-05
cadherin 15, M-cadherin (myotubule)	0,44	1,00E-07
zinc finger protein 148 (pHZ-52) /// zinc finger protein 148 (pHZ-52)	0,43	1,43E-04
B-cell CLL/lymphoma 2 /// B-cell CLL/lymphoma 2	0,43	3,05E-04
stromal antigen 2	0,43	1,73E-05
G protein-coupled receptor 144	0,43	1,00E-09
estrogen receptor 1	0,43	9,80E-06
BCL2 binding component 3 /// BCL2 binding component 3	0,43	1,00E-09
splicing factor, arginine/serine-rich 6	0,43	6,19E-05
fucosyltransferase 7 (alpha (1,3) fucosyltransferase)	0,43	6,00E-07
discs, large homolog 4 (Drosophila)	0,43	1,00E-09
chromosome 1 open reading frame 34	0,43	6,60E-04
KIAA0882 protein	0,42	1,00E-09
ATPase, H+ transporting, lysosomal 9kDa, V0 subunit e	0,42	2,00E-07
tubulin tyrosine ligase-like family, member 3	0,42	1,00E-09
ribosomal protein S20	0,41	1,00E-07
transcription factor 15 (basic helix-loop-helix) /// transcription factor 15 (basic	0,41	1,00E-09
amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 3	0,41	9,00E-07
hypothetical protein MGC40499	0,41	1,00E-09
eukaryotic translation initiation factor 1A, X-linked	0,41	5,97E-05
dachshund homolog 1 (Drosophila)	0,40	4,00E-04
androgen receptor (dihydrotestosterone receptor; testicular feminization; spii	0,40	1,64E-04
immunoglobulin heavy constant mu /// immunoglobulin heavy constant mu	0,40	1,00E-09
platelet-activating factor receptor /// platelet-activating factor receptor	0,39	1,00E-09
CD14 antigen	0,39	1,00E-07
MRNA; cDNA DKFZp564F053 (from clone DKFZp564F053)	0,39	6,14E-04
microtubule-associated protein, RP/EB family, member 3	0,38	1,00E-09
v-myb myeloblastosis viral oncogene homolog (avian) /// v-myb myeloblastos	0,37	8,42E-04

CDNA FLJ44318 fis, clone TRACH3000780	0,37	3,15E-04
fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte g nebulette	0,37	1,00E-09
solute carrier family 39 (zinc transporter), member 8	0,36	3,14E-04
ELAV (embryonic lethal, abnormal vision, Drosophila)-like 3 (Hu antigen C) ///	0,36	1,00E-09
hypothetical protein PRO1843	0,35	1,00E-09
glycoprotein Ib (platelet), beta polypeptide	0,34	1,00E-09
ribosomal protein L14	0,34	1,00E-09
solute carrier family 39 (zinc transporter), member 6	0,33	1,00E-09
4-aminobutyrate aminotransferase	0,32	2,48E-05
serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antiti	0,32	1,04E-04
UDP-glucose ceramide glucosyltransferase ///	0,32	3,84E-04
UDP-glucose ceramide glucosyltransferase ///	0,30	1,08E-05
GATA binding protein 3 ///	0,30	4,85E-04
GATA binding protein 3	0,30	4,85E-04
GATA binding protein 3	0,29	4,54E-04
KIAA0882 protein	0,29	8,00E-07
nuclear receptor interacting protein 1	0,28	3,30E-06
DnaJ (Hsp40) homolog, subfamily C, member 12 ///	0,26	2,28E-05
DnaJ (Hsp40) homolog, subfamily C, member 12 ///	0,26	2,28E-05
ribosomal protein L38 ///	0,26	1,00E-09
ribosomal protein L38 ///	0,26	1,00E-09
UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1 ///	0,25	1,00E-09
UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1 ///	0,25	1,00E-09
solute carrier family 39 (zinc transporter), member 6	0,23	2,28E-05
MAX binding protein	0,23	1,00E-09
trefoil factor 3 (intestinal) ///	0,22	9,89E-04
trefoil factor 3 (intestinal) ///	0,22	9,89E-04
ribosomal protein S19	0,22	1,00E-09
solute carrier family 35, member F2	0,21	1,00E-09
ribosomal protein L27a	0,21	1,00E-09
ribosomal protein L27a	0,21	1,00E-09
ribosomal protein L27	0,20	1,00E-09
ribosomal protein L27	0,20	1,00E-09
Similar to hypothetical protein FLJ25976 (LOC401082), mRNA	0,19	1,00E-09
insulin-like growth factor 1 receptor	0,16	2,35E-05
estrogen receptor 1 ///	0,11	5,50E-06
estrogen receptor 1 ///	0,11	5,50E-06
ribosomal protein S11	0,07	1,00E-09