

Gene symbol	Gene name	GenBank Accession Number
[MMP1]	matrix metalloproteinase 1 (interstitial collagenase)	
[COL15A1]	collagen, type XV, alpha 1	NM_001855
[COPG]	coatamer protein complex, subunit gamma	
[RPL29]	ribosomal protein L29	NM_000992
[LOXL1]	lysyl oxidase-like 1	
[EDG1]	endothelial differentiation, sphingolipid G-protein-coupled receptor, 1	
[TRAM2]	translocation associated membrane protein 2	
[FAT]	FAT tumor suppressor homolog 1 (Drosophila)	
[COL4A5]	collagen, type IV, alpha 5 (Alport syndrome)	NM_033380
[UHRF1]	ubiquitin-like, containing PHD and RING finger domains, 1	NM_013282
[MLLT11]	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 11	
[RAB6IP1]	RAB6 interacting protein 1	
[MAML1]	mastermind-like 1 (Drosophila)	
[PEG10]	paternally expressed 10	
[LOC389036]	actin-like protein (ACT) gene	XM_371558
[ACTB]	actin, beta	NM_001101
[TMEM131]	transmembrane protein 131	
[VASP]	vasodilator-stimulated phosphoprotein	
[PHF21A]	PHD finger protein 21A	NM_016621
[RNPS1]	RNA binding protein S1, serine-rich domain	NM_006711
[TP53]	tumor protein p53 (Li-Fraumeni syndrome)	
[ISGF3G]	interferon-stimulated transcription factor 3, gamma 48kDa	
[AOX1]	amine oxidase (flavin containing) domain 1	
[ATP2B4]	ATPase, Ca++ transporting, plasma membrane 4	NM_001684
[XPR1]	xenotropic and polytropic retrovirus receptor	NM_004736
[CDH2]	cadherin 2, type 1, N-cadherin (neuronal)	
[TES]	testis derived transcript (3 LIM domains)	NM_015641
[TULP4]	tubby like protein 4	NM_020245
[TRNS2]	tRNA	NC_001807
[H1FO]	H1 histone family, member 0	
[SFPQ]	splicing factor proline/glutamine-rich (polypyrimidine tract binding protein associated)	
[SYT1]	synaptotagmin I	
[COL5A2]	collagen, type V, alpha 2	
[COL5A1]	collagen, type V, alpha 1	
[JMJD1B]	jumonji domain containing 1B	
[USP10]	ubiquitin specific peptidase 10	
[EHMT1]	euchromatic histone-lysine N-methyltransferase 1	NM_024757
[FLJ20397]	hypothetical protein FLJ20397	NM_017802
[R3HDM1]	R3H domain containing 1	
[MPHOSPH1]	M-phase phosphoprotein 1	NM_016195
[NT5E]	5'-nucleotidase, ecto (CD73)	
[RPL6]	ribosomal protein L6	
[SMC4L1]	SMC4 structural maintenance of chromosomes 4-like 1 (yeast)	NM_005496
[TMEM100]	transmembrane protein 100	
[CSPG2]	chondroitin sulfate proteoglycan 2 (versican)	
[FLJ20364]	hypothetical protein FLJ20364	
[MAD2L1]	MAD2 mitotic arrest deficient-like 1 (yeast)	NM_002358
[TOP2A]	topoisomerase (DNA) II alpha 170kDa	
[ASPM]	asp (abnormal spindle)-like, microcephaly associated (Drosophila)	
[SORD]	sorbitol dehydrogenase	
[SRRM1]	serine/arginine repetitive matrix 1	NM_005839
[ARL6IP]	ADP-ribosylation factor-like 6 interacting protein	
[KPNA4]	karyopherin alpha 4 (importin alpha 3)	
[GAPVD1]	GTPase activating protein and VPS9 domains 1	
[SOX11]	SRY (sex determining region Y)-box 11	NM_003108
[SLC23A2]	solute carrier family 23 (nucleobase transporters), member 2	NM_203327
[ARID1A]	AT rich interactive domain 1A (SWI-like)	
[SFRS6]	splicing factor, arginine/serine-rich 6	NM_006275
[DNAJC14]	DnaJ (Hsp40) homolog, subfamily C, member 14	
[STK38]	serine/threonine kinase 38	
[CCND2]	cyclin D2	NM_001759
[ZNF608]	zinc finger protein 608	
[LMAN2L]	lectin, mannose-binding 2-like	
[RBM3]	RNA binding motif (RNP1, RRM) protein 3	
[CHFR]	checkpoint with forkhead and ring finger domains	
[SGOL2]	shugoshin-like 2 (S. pombe)	
[IRPH3A]	rabphilin 3A homolog (mouse)	NM_014954
[NUSAP1]	nucleolar and spindle associated protein 1	
[LOC112714]	similar to alpha tubulin	
[CEP110]	centrosomal protein 110kDa	
[AKR1C1]	aldo-keto reductase family 1, member C1 (dihydrodiol dehydrogenase 1; 20-alpha (3-alpha)-hydroxysteroid dehydrogenase)	
[SLD5]	SLD5 homolog	
[KIF11]	kinesin family member 11	NM_004523
[CASC5]	cancer susceptibility candidate 5	
[POSTN]	periostin, osteoblast specific factor	
[KIAA0179]	KIAA0179	D80001
[SMAP1L]	stromal membrane-associated protein 1-like	

EIF2AK3 eukaryotic translation initiation factor 2-alpha kinase 3
FEM1A fem-1 homolog a (C.elegans)
NUP205 nucleoporin 205kDa
DKFZp434H1419 hypothetical protein DKFZp434H1419 AK125369
COX7B cytochrome c oxidase subunit VIIb
CDCA1 cell division cycle associated 1
KPNA2 karyopherin alpha 2 (RAG cohort 1, importin alpha 1) NM_002266
LUZP5 leucine zipper protein 5
BAG3 BCL2-associated athanogene 3
HCAP-G chromosome condensation protein G
KIF15 kinesin family member 15
PBK PDZ binding kinase
FLJ20105 FLJ20105 protein
RPS24 ribosomal protein S24
ZWILCH Zwilch, kinetochore associated, homolog (Drosophila)
PFTK1 PFTAIRE protein kinase 1
KIF20A kinesin family member 20A NM_005733
BUB1 BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast)
SALL1 sal-like 1 (Drosophila) NM_002968
PRR3 proline rich 3
ABCC1 ATP-binding cassette, sub-family C (CFTR/MRP), member 1
KIAA0746 KIAA0746 protein
ZNF561 zinc finger protein 561
ATRNI attractin
FAM21B family with sequence similarity 21, member B AK125147
C14orf65 chromosome 14 open reading frame 65 AK123840
DLG7 discs, large homolog 7 (Drosophila)
BCAR3 breast cancer anti-estrogen resistance 3
POLA polymerase (DNA directed), alpha
TUBB tubulin, beta NM_178014
TNC tenascin C (hexabrachion)
MGC3121 hypothetical protein MGC3121
NOTCH1 Notch homolog 1, translocation-associated (Drosophila) NM_017617
THOC4 THO complex 4
PDIA4 protein disulfide isomerase family A, member 4
TRIP13 thyroid hormone receptor interactor 13
KIF4A kinesin family member 4A NM_012310
C20orf129 chromosome 20 open reading frame 129
WHSC1 Wolf-Hirschhorn syndrome candidate 1 NM_014919
BUB1B BUB1 budding uninhibited by benzimidazoles 1 homolog beta (yeast)
BRRN1 barren homolog 1 (Drosophila)
RACGAP1 Rac GTPase activating protein 1 NM_013277
ZNF278 zinc finger protein 278 NM_014323
TACC2 transforming, acidic coiled-coil containing protein 2
TTK TTK protein kinase
FAM53B family with sequence similarity 53, member B NM_014661
DKFZP761M1511 hypothetical protein DKFZP761M1511 AK096661
RPN1 ribophorin 1
MYBBP1A MYB binding protein (P160) 1a
KIAA0152 KIAA0152 NM_014730
LOC90120 hypothetical gene supported by AK023162 BC013282
PIK3R3 phosphoinositide-3-kinase, regulatory subunit 3 (p55, gamma) NM_003629
PPRC1 peroxisome proliferative activated receptor, gamma, coactivator-related 1
CIT citron (rho-interacting, serine/threonine kinase 21) NM_007174
POLG polymerase (DNA directed), gamma
PPP1R10 protein phosphatase 1, regulatory subunit 10
KIAA0090 KIAA0090
HIRA HIR histone cell cycle regulation defective homolog A (S. cerevisiae)
DYNC1H1 dynein, cytoplasmic 1, heavy chain 1 NM_001376
DERPC decreased expression in renal and prostate NM_017804
PIK3C2B phosphoinositide-3-kinase, class 2, beta polypeptide
PTTG1 pituitary tumor-transforming 1
CENTG2 centaurin, gamma 2
STK35 serine/threonine kinase 35 NM_080836
LOC146909 hypothetical protein LOC146909 BC044933
AKR1B10 aldo-keto reductase family 1, member B10 (aldose reductase)
WDR51A WD repeat domain 51A
CCNB1 cyclin B1
HNRPL heterogeneous nuclear ribonucleoprotein L NM_001533
C22orf5 chromosome 22 open reading frame 5
AYTL2 acyltransferase like 2
CKS2 CDC28 protein kinase regulatory subunit 2
TUBA8 tubulin, alpha 8
RCC2 regulator of chromosome condensation 2 NM_018715
HNRPM heterogeneous nuclear ribonucleoprotein M
TUBA2 tubulin, alpha 2
APLP2 amyloid beta (A4) precursor-like protein 2
RPAP1 RNA polymerase II associated protein 1

[APH1A] anterior pharynx defective 1 homolog A (C. elegans)
[HSPA9B] heat shock 70kDa protein 9B (mortalin-2) NM_004134
[ZFP36] zinc finger protein 36, C3H type, homolog (mouse)
[SMG7] Smg-7 homolog, nonsense mediated mRNA decay factor (C. elegans)
[ODF2] outer dense fiber of sperm tails 2
[GABBR1] gamma-aminobutyric acid (GABA) B receptor, 1 NM_001470
[CNN2] calponin 2 NM_004368
[TNFAIP2] tumor necrosis factor, alpha-induced protein 2
[SPBC24] spindle pole body component 24 homolog (S. cerevisiae)
[KIAA0101] KIAA0101
[NEK2] NIMA (never in mitosis gene a)-related kinase 2 NM_002497
[SH3PXD2B] SH3 and PX domains 2B AB037716
[KIAA1967] KIAA1967
[AKT1S1] AKT1 substrate 1 (proline-rich)
[LOC92755] hypothetical gene LOC92755 XM_047083
[LMNB2] lamin B2
[TOLLIP] toll interacting protein NM_019009
[RPL39L] ribosomal protein L39-like
[FANCC] Fanconi anemia, complementation group C
[EHD4] EH-domain containing 4
[TUBB2B] tubulin, beta 2B
[SLC7A5] solute carrier family 7 (cationic amino acid transporter, y+ system), member 5
[IQGAP3] IQ motif containing GTPase activating protein 3
[CLASP1] cytoplasmic linker associated protein 1
[SF1] splicing factor 1
[N-PAC] cytokine-like nuclear factor n-pac NM_032569
[DKFZp564J157] DKFZp564J157 protein
[RBM14] RNA binding motif protein 14
[CCNF] cyclin F
[CORO2B] coronin, actin binding protein, 2B
[SLC1A5] solute carrier family 1 (neutral amino acid transporter), member 5 NM_005628
[CDCA8] cell division cycle associated 8
[UBN1] ubinuclein 1
[SPAG5] sperm associated antigen 5
[TACC3] transforming, acidic coiled-coil containing protein 3
[CDC25C] cell division cycle 25C
[PHF15] PHD finger protein 15 NM_015288
[TCOF1] Treacher Collins-Franceschetti syndrome 1
[DDIT4] DNA-damage-inducible transcript 4
[CDC20] CDC20 cell division cycle 20 homolog (S. cerevisiae)
[PRC1] protein regulator of cytokinesis 1
[NUMBL] numb homolog (Drosophila)-like
[CENPF] centromere protein F, 350/400ka (mitosin)
[CDCA2] cell division cycle associated 2
[TIMELESS] timeless homolog (Drosophila)
[SHCBP1] SHC SH2-domain binding protein 1
[CCNK] cyclin K
[APOBEC3B] apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B
[WHSC2] Wolf-Hirschhorn syndrome candidate 2
[MT1X] metallothionein 1X
[MICAL1] microtubule associated monooxygenase, calponin and LIM domain containing 1
[VAMP2] vesicle-associated membrane protein 2 (synaptobrevin 2) NM_014232
[LOC144097] hypothetical protein BC007540
[PCBP4] poly(rC) binding protein 4
[TSC2] tuberous sclerosis 2
[SPPL2B] signal peptide peptidase-like 2B
[raptor] raptor
[EFNB1] ephrin-B1
[TBC1D10B] TBC1 domain family, member 10B
[LMNA] lamin A/C NM_170707
[SMYD5] SMYD family member 5
[TFE3] transcription factor binding to IGHM enhancer 3
[ARHGEF1] Rho guanine nucleotide exchange factor (GEF) 1
[SLC4A2] solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band 3-like 1)
[ENTPD6] ectonucleoside triphosphate diphosphohydrolase 6 (putative function)
[BAI2] brain-specific angiogenesis inhibitor 2
[KIAA0460] KIAA0460
[LOC56930] hypothetical protein from EUROMAGE 1669387 BC063667
[TROAP] trophinin associated protein (tastin)
[DGKQ] diacylglycerol kinase, theta 110kDa
[LOC286167] hypothetical protein LOC286167 BX537506
[COPS7B] COP9 constitutive photomorphogenic homolog subunit 7B (Arabidopsis)
[INPP5E] inositol polyphosphate-5-phosphatase, 72 kDa
[LRRC54] leucine rich repeat containing 54
[FLNC] filamin C, gamma (actin binding protein 280)
[ATXN7L3] ataxin 7-like 3 BC037418
[NHN1] conserved nuclear protein NHN1
[PPP2R1A] protein phosphatase 2 (formerly 2A), regulatory subunit A (PR 65), alpha isoform

AKT1 v-akt murine thymoma viral oncogene homolog 1
NOC2L nucleolar complex associated 2 homolog (S. cerevisiae) NM_015658
BIRC5 baculoviral IAP repeat-containing 5 (survivin) NM_001168
GIT1 G protein-coupled receptor kinase interactor 1
DGCR2 DiGeorge syndrome critical region gene 2 NM_005137
CSPG4 chondroitin sulfate proteoglycan 4 (melanoma-associated)
FAM38A family with sequence similarity 38, member A
UBQLN4P ubiquilin 4 pseudogene XM_209569
SENP3 SUMO1/sentrin/SMT3 specific peptidase 3
AAAS achalasia, adrenocortical insufficiency, alacrimia (Allgrove, triple-A)
CIZ1 CDKN1A interacting zinc finger protein 1
DOK4 docking protein 4 NM_018110
ADCY6 adenylate cyclase 6
CDCA5 cell division cycle associated 5
GPT2 glutamic pyruvate transaminase (alanine aminotransferase) 2
FLJ20297 hypothetical protein FLJ20297
CDR2L cerebellar degeneration-related protein 2-like
LOC392528 hypothetical LOC392528 XM_373366
SKIV2L superkiller viralicidic activity 2-like (S. cerevisiae)
BAT3 HLA-B associated transcript 3
FAM64A family with sequence similarity 64, member A NM_019013
FXR2 fragile X mental retardation, autosomal homolog 2
PPP2R5D protein phosphatase 2, regulatory subunit B (B56), delta isoform
LIG1 ligase I, DNA, ATP-dependent
PYGB phosphorylase, glycogen; brain
UBE1 ubiquitin-activating enzyme E1 (A1S9T and BN75 temperature sensitivity complementing)
PC pyruvate carboxylase
PML promyelocytic leukemia
C9orf48 chromosome 9 open reading frame 48
SFXN5 sideroflexin 5
PCGF2 polycomb group ring finger 2 NM_007144
PLEKHG4 pleckstrin homology domain containing, family G (with RhoGef domain) member 4
ATG9A ATG9 autophagy related 9 homolog A (S. cerevisiae)
MLL4 myeloid/lymphoid or mixed-lineage leukemia 4
FOXM1 forkhead box M1
C1orf60 chromosome 1 open reading frame 60
UBE2S ubiquitin-conjugating enzyme E2S NM_014501
DDEF1 development and differentiation enhancing factor-like 1
DAB2IP DAB2 interacting protein
PKN1 protein kinase N1
B4GALT2 UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 2
FBS1 fibrosin 1
FLJ11286 hypothetical protein FLJ11286
RIS1 Ras-induced senescence 1
RAB5C RAB5C, member RAS oncogene family NM_201434
SCMH1 sex comb on midleg homolog 1 (Drosophila)
PPP1R14B protein phosphatase 1, regulatory (inhibitor) subunit 14B NM_138689
LOC388161 LOC388161 BC054509
GTPBP2 GTP binding protein 2
PRCC papillary renal cell carcinoma (translocation-associated)
PTK7 PTK7 protein tyrosine kinase 7
DKFZp762E1312 hypothetical protein DKFZp762E1312
CBS cystathionine-beta-synthase
CTBP1 C-terminal binding protein 1
TTYH3 tweety homolog 3 (Drosophila)
UBE2E2 ubiquitin-conjugating enzyme E2E 2 (UBC4/5 homolog, yeast)
LOC388152 hypothetical protein FLJ90297 NM_203426
MICAL3 microtubule associated monooxygenase, calponin and LIM domain containing 3 AB020626
MTA1 metastasis associated 1
FAM18B2 family with sequence similarity 18, member B2
FAM62A family with sequence similarity 62 (C2 domain containing), member A
MKI67 antigen identified by monoclonal antibody Ki-67
CUTL1 cut-like 1, CCAAT displacement protein (Drosophila)
OS9 amplified in osteosarcoma
PLK1 polo-like kinase 1 (Drosophila) NM_005030
GLI1 glioma-associated oncogene homolog 1 (zinc finger protein)
CDCA3 cell division cycle associated 3
HMGA1 high mobility group AT-hook 1 NM_145904
MCOLN1 mucolipin 1
OGDH oxoglutarate (alpha-ketoglutarate) dehydrogenase (lipoamide)
GPI glucose phosphate isomerase NM_000175
ACIN1 apoptotic chromatin condensation inducer 1
UBE2C ubiquitin-conjugating enzyme E2C
ARS2 ARS2 protein
FREQ frequenin homolog (Drosophila) NM_014286
PRKACA protein kinase, cAMP-dependent, catalytic, alpha NM_002730
FLJ12529 pre-mRNA cleavage factor I, 59 kDa subunit
TCF3 transcription factor 3 (E2A immunoglobulin enhancer binding factors E12/E47)

MLF2 myeloid leukemia factor 2
YVHAE tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide NM_006761
MARCKSL1 MARCKS-like 1
MKNK2 MAP kinase interacting serine/threonine kinase 2
PIK4CB phosphatidylinositol 4-kinase, catalytic, beta polypeptide
KHSPR KH-type splicing regulatory protein (FUSE binding protein 2) NM_003685
C1D nuclear DNA-binding protein
C13orf8 chromosome 13 open reading frame 8
FLJ34443 hypothetical protein FLJ34443
RCE1 RCE1 homolog, prenyl protein peptidase (S. cerevisiae)
GANAB glucosidase, alpha; neutral AB
MID1IP1 MID1 interacting protein 1 (gastrulation specific G12-like (zebrafish))
UNC5B unc-5 homolog B (C. elegans)
SPTAN1 spectrin, alpha, non-erythrocytic 1 (alpha-fodrin) NM_003127
PKMYT1 protein kinase, membrane associated tyrosine/threonine 1
ASCC2 activating signal cointegrator 1 complex subunit 2
UBE2M ubiquitin-conjugating enzyme E2M (UBC12 homolog, yeast)
SMTN smoothelin NM_134269
DCTN1 dynactin 1 (p150, glued homolog, Drosophila)
PKM2 pyruvate kinase, muscle
APLP1 amyloid beta (A4) precursor-like protein 1
FOSL1 FOS-like antigen 1
ANKRD52 ankyrin repeat domain 52
SAFB2 scaffold attachment factor B2
FGFR4 fibroblast growth factor receptor 4
LARP1 La ribonucleoprotein domain family, member 1 NM_015315
PYGO2 pygopus homolog 2 (Drosophila)
FKBP1C FK506 binding protein 1C NM_001011510
ATP2A2 ATPase, Ca++ transporting, cardiac muscle, slow twitch 2 NM_170665
PIK3R2 phosphoinositide-3-kinase, regulatory subunit 2 (p85 beta)
KIAA1698 KIAA1698
LENG8 leukocyte receptor cluster (LRC) member 8
POLR2A polymerase (RNA) II (DNA directed) polypeptide A, 220kDa NM_000937
FKBP1A FK506 binding protein 1A, 12kDa
RAB1B RAB1B, member RAS oncogene family NM_030981
TLN1 talin 1
PTMS parathyrosin
C9orf74 chromosome 9 open reading frame 74
FSCN1 fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus) NM_003088
PLTP phospholipid transfer protein
G6PD glucose-6-phosphate dehydrogenase
GRINA glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding)
SOCS1 suppressor of cytokine signaling 1
CNOT3 CCR4-NOT transcription complex, subunit 3
RFX1 regulatory factor X, 1 (influences HLA class II expression)
MEN1 multiple endocrine neoplasia I
HECTD3 HECT domain containing 3
NXPH4 neurexophilin 4
RARG retinoic acid receptor, gamma
FAM86B1 family with sequence similarity 86, member B1
CRABP2 cellular retinoic acid binding protein 2
TMEM76 transmembrane protein 76 CR749838
SF3B4 splicing factor 3b, subunit 4, 49kDa
DGCR8 DiGeorge syndrome critical region gene 8
CALM3 calmodulin 3 (phosphorylase kinase, delta)
ANKRD11 ankyrin repeat domain 11
PPP4C protein phosphatase 4 (formerly X), catalytic subunit
RKHD1 ring finger and KH domain containing 1
SRC v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)