

Gene Symbol	Accession	Alias/Prev Symbol	Official Full Name
AES	NM_001130.5		amino-terminal enhancer of split
AHR	NM_001621.3		aryl hydrocarbon receptor
APC	NM_000038.3		adenomatous polyposis coli
AXIN1	NM_181050.1		axin 1
AXIN2	NM_004655.3		axin 2
BAMBI	NM_012342.2		BMP and activin membrane-bound inhibitor
BCL9	NM_004326.2		B-cell CLL/lymphoma 9
BIRC5	NM_001168.2	API4, EPR-1, survivin	baculoviral IAP repeat containing 5
BMP4	NM_001202.3		bone morphogenetic protein 4
BTRC	NM_033637.2		beta-transducin repeat containing E3 ubiquitin protein ligase
CAMK2B	NM_001220.3	CAMKB, CAM2, CAMK2	calcium/calmodulin-dependent protein kinase II beta
CCND1	NM_053056.2	BCL1, D11S287E, PRAD1, U21B31	cyclin D1
CCND2	NM_001759.2		cyclin D2
CCND3	NM_001760.2		cyclin D3
CD44	NM_001001392.1	MIC4, MDU2, MDU3, IN, MC56, Pgp1, CD44R, HCELL, CSPG8	CD44 molecule (Indian blood group)
CDH1	NM_004360.2	UVO, uvomorulin, CD324	cadherin 1, type 1, E-cadherin (epithelial)
CDH11	NM_001797.2		cadherin 11, type 2, OB-cadherin (osteoblast)
CDKN2A	NM_000077.3	CDKN2, MLM, CDK4I, p16, INK4a, MTS1, CMM2, ARF, p19, p14,	cyclin-dependent kinase inhibitor 2A
CEBPD	NM_005195.3		CCAAT/enhancer binding protein (C/EBP), delta
COL1A2	NM_000089.3		collagen, type I, alpha 2
CREBBP	NM_001079846.1	RSTS, RTS, CBP, KAT3A	CREB binding protein
CSNK1A1	NM_001892.4		casein kinase 1, alpha 1
CSNK2A1	NM_177559.2		casein kinase 2, alpha 1 polypeptide
CTBP1	NM_001328.2		C-terminal binding protein 1
CTGF	NM_001901.2		connective tissue growth factor
CTNNB1	NM_001098210.1	CTNNB, beta-catenin, armadillo	catenin (cadherin-associated protein), beta 1, 88kDa
CUL1	NM_003592.2		cullin 1
CXCL12	NM_000609.5	SDF1A, SDF1B, SDF1, SCYB12, SDF-1a, SDF-1b, PBSF, TLSF-a, T	chemokine (C-X-C motif) ligand 12
CXCR4	NM_003467.2		chemokine (C-X-C motif) receptor 4
CXXC4	NM_025212.1		CXXC finger protein 4
DAB2	NM_001343.2		Dab, mitogen-responsive phosphoprotein, homolog 2 (Drosophila)
DIXDC1	NM_001037954.3		DIX domain containing 1
DKK1	NM_012242.2		dickkopf WNT signaling pathway inhibitor 1
DKK2	NM_014421.2		dickkopf WNT signaling pathway inhibitor 2
DKK3	NM_001018057.1		dickkopf WNT signaling pathway inhibitor 3
DKK4	NM_014420.2		dickkopf WNT signaling pathway inhibitor 4
DPP10	NM_020868.3		dipeptidyl-peptidase 10 (non-functional)
DVL1	NM_004421.2		dishevelled segment polarity protein 1
DVL2	NM_004422.2		dishevelled segment polarity protein 2
EFNB1	NM_004429.4	EPLG2, CFNS, LERK2, Elk-L	ephrin-B1
EGFR	NM_201282.1	ERBB, ERBB1	epidermal growth factor receptor
EGR1	NM_001964.2		early growth response 1
EP300	NM_001429.2		E1A binding protein p300
ERBB2	NM_001005862.1	NGL, NEU, HER-2, CD340, HER2	v-erb-b2 avian erythroblastic leukemia viral oncogene homolog 2
ETS2	NM_005239.4		v-ets avian erythroblastosis virus E26 oncogene homolog 2
FBXW11	NM_033645.2	FBXW1B, KIAA0696, Fbw1b, BTRCP2, BTRC2, Hos, Fbw11	F-box and WD repeat domain containing 11
FBXW4	NM_022039.3	SHFM3, Fbw4, dactylin	F-box and WD repeat domain containing 4
FGF4	NM_002007.2	HSTF1, K-FGF, HBGF-4, HST, HST-1, KFGF	fibroblast growth factor 4
FGF7	NM_002009.3		fibroblast growth factor 7
FN1	NM_212482.1		fibronectin 1
FOSL1	NM_005438.2		FOS-like antigen 1
FOXN1	NM_003593.2	WHN, RONU, FKHL20	forkhead box N1
FRAT1	NM_005479.3		frequently rearranged in advanced T-cell lymphomas
FRZB	NM_001463.2		frizzled-related protein
FZD1	NM_003505.1		frizzled family receptor 1
FZD10	NM_007197.2		frizzled family receptor 10
FZD2	NM_001466.2		frizzled family receptor 2
FZD3	NM_017412.2		frizzled family receptor 3
FZD4	NM_012193.2	EVR1, CD344	frizzled family receptor 4
FZD5	NM_003468.2	C2orf31, HFZ5, DKFZP434E2135	frizzled family receptor 5
FZD6	NM_003506.2		frizzled family receptor 6
FZD7	NM_003507.1		frizzled family receptor 7
FZD8	NM_031866.1		frizzled family receptor 8
FZD9	NM_003508.2		frizzled family receptor 9
GDNF	NM_000514.2		glial cell derived neurotrophic factor
GPC4	NM_001448.2		glypican 4
GSK3A	NM_019884.2		glycogen synthase kinase 3 alpha
GSK3B	NM_002093.2		glycogen synthase kinase 3 beta
ID2	NM_002166.4		inhibitor of DNA binding 2, dominant negative helix-loop-helix protein
IGF1	NM_000618.3		insulin-like growth factor 1 (somatomedin C)
IGF2	NM_001127598.1	C11orf43, FLJ44734	insulin-like growth factor 2 (somatomedin A)
IL6	NM_000600.1	IFNB2, IL-6, BSF2, HGF, HSF	interleukin 6 (interferon, beta 2)
IRS1	NM_005544.2		insulin receptor substrate 1
JAG1	NM_000214.2	AGS, JAGL1, AHD, AWS, HJ1, CD339	jagged 1
JUN	NM_002228.3		jun proto-oncogene
KLF5	NM_001730.3	BTEB2, IKLF, CKLF	Kruppel-like factor 5 (intestinal)
KREMEN1	NM_001039570.1	KREMEN, KRM1	kringle containing transmembrane protein 1
LEF1	NM_016269.3		lymphoid enhancer-binding factor 1
LRP5	NM_002335.1	LRP7, OPPG, EVR1, LR3, BMND1, HBM, OPS, OPTA1, VBCH2, E	low density lipoprotein receptor-related protein 5
LRP6	NM_002336.1		low density lipoprotein receptor-related protein 6
MAPK10	NM_002753.2	PRKM10, JNK3, p493F12, p54bSAPK	mitogen-activated protein kinase 10

MAPK8	NM_002750.2	PRKM8, JNK, JNK1, SAPK1	mitogen-activated protein kinase 8
MAPK9	NM_139068.2	PRKM9, JNK2, p54a, SAPK	mitogen-activated protein kinase 9
MMP2	NM_004530.2	CLG4, CLG4A, TBE-1	matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase)
MMP3	NM_002422.3		matrix metalloproteinase 3 (stromelysin 1, progelatinase)
MMP7	NM_002423.3	MPSL1, PUMP-1	matrix metalloproteinase 7 (matrilysin, uterine)
MMP9	NM_004994.2		matrix metalloproteinase 9 (gelatinase B, 92kDa gelatinase, 92kDa type IV collagenase)
MYC	NM_002467.3		v-myc avian myelocytomatosis viral oncogene homolog
MYLK	NM_053032.2		myosin light chain kinase
NANOG	NM_024865.2		Nanog homeobox
NFATC1	NM_172389.1		nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1
NKD1	NM_033119.3		naked cuticle homolog 1 (Drosophila)
NLK	NM_016231.2		nemo-like kinase
NRCAM	NM_005010.4		neuronal cell adhesion molecule
NRP1	NM_003873.5		neuropilin 1
PDGFRA	NM_006206.3		platelet-derived growth factor receptor, alpha polypeptide
PITX2	NM_000325.5	IRID2, IHG2, RIEG, RIEG1, RGS, IGDS, RS, Brx1, Otlx2, ARP1	paired-like homeodomain 2
PKN1	NM_213560.1	PRKCL1, DBK, PRK1, PKN, MGC46204, PAK1	protein kinase N1
PLAUR	NM_001005376.1		plasminogen activator, urokinase receptor
PLCB1	NM_182734.1		phospholipase C, beta 1 (phosphoinositide-specific)
PLCB4	NM_000933.3		phospholipase C, beta 4
PORCN	NM_022825.2		porcupine homolog (Drosophila)
POU5F1	NM_002701.4	OTF3, OCT3, Oct4, MGC22487	POU class 5 homeobox 1
PPAP2B	NM_003713.3		phosphatidic acid phosphatase type 2B
PPARD	NM_006238.3		peroxisome proliferator-activated receptor delta
PPP3CA	NM_000944.4	CALN, CALNA, CNA1, PPP2B	protein phosphatase 3, catalytic subunit, alpha isozyme
PPP3CB	NM_001142354.1	CALNB, CALNA2, CNA2, PP2Bbeta	protein phosphatase 3, catalytic subunit, beta isozyme
PPP3CC	NM_005605.4		protein phosphatase 3, catalytic subunit, gamma isozyme
PPP3R1	NM_000945.3		protein phosphatase 3, regulatory subunit B, alpha
PPP3R2	NM_147180.2		protein phosphatase 3, regulatory subunit B, beta
PRKACA	NM_002730.3		protein kinase, cAMP-dependent, catalytic, alpha
PRKACB	NM_182948.2		protein kinase, cAMP-dependent, catalytic, beta
PRKACG	NM_002732.2		protein kinase, cAMP-dependent, catalytic, gamma
PRKCA	NM_002737.2		protein kinase C, alpha
PRKCB	NM_212535.1		protein kinase C, beta
PRKCG	NM_002739.3	PKCG, SCA14, PKCC, MGC57564	protein kinase C, gamma
PRKX	NM_005044.1		protein kinase, X-linked
PROM1	NM_006017.1	PROML1, MCDR2, STGD4, AC133, CD133, RP41, CORD12	prominin 1
PTGS2	NM_000963.1		prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
PYGO1	NM_015617.1		pygopus family PHD finger 1
RAC1	NM_198829.1		ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein)
RAC2	NM_002872.3		ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein)
RAC3	NM_005052.2		ras-related C3 botulinum toxin substrate 3 (rho family, small GTP binding protein)
RBX1	NM_014248.2		ring-box 1, E3 ubiquitin protein ligase
RHOA	NM_001664.2	ARH12, ARHA, RhoA, Rho12, RHOH12	ras homolog family member A
RUNX2	NM_004348.3	CCD, CBFA1, CCD1, AML3, PEBP2A1, PEBP2aA1	runt-related transcription factor 2
RUVBL1	NM_003707.2		RuvB-like AAA ATPase 1
SERPINE1	NM_001165413.1	PLANH1, PAI1, PAI	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
SFRP1	NM_003012.3		secreted frizzled-related protein 1
SFRP2	NM_003013.2		secreted frizzled-related protein 2
SFRP4	NM_003014.2		secreted frizzled-related protein 4
SIX1	NM_005982.3		SIX homeobox 1
SKP1	NM_170679.2	SKP1A, EMC19, OCP2, TCEB1L, MGC34403, OCP-II, p19A	S-phase kinase-associated protein 1
SMAD2	NM_005901.5	MADH2, MADR2, JV18-1	SMAD family member 2
SMAD3	NM_005902.3	MADH3, JV15-2, HsT17436	SMAD family member 3
SMAD4	NM_005359.3	MADH4, DPC4	SMAD family member 4
SMO	NM_005631.3	SMOH, FZD11	smoothed, frizzled family receptor
SNAI1	NM_005985.2		snail family zinc finger 1
SNAI2	NM_003068.3	SLUG, SLUGH1, SNAIL2	snail family zinc finger 2
SOST	NM_025237.2		sclerostin
SOX17	NM_022454.3		SRY (sex determining region Y)-box 17
SOX2	NM_003106.2		SRY (sex determining region Y)-box 2
SOX9	NM_000346.2	CMD1, CMPD1, SRA1	SRY (sex determining region Y)-box 9
STAT3	NM_139276.2		signal transducer and activator of transcription 3 (acute-phase response factor)
T	NM_003181.2		T, brachyury homolog (mouse)
TBL1XR1	NM_024665.4		transducin (beta)-like 1 X-linked receptor 1
TCF4	NM_003199.1		transcription factor 4
TCF7	NM_003202.2		transcription factor 7 (T-cell specific, HMG-box)
TCF7L1	NM_031283.1		transcription factor 7-like 1 (T-cell specific, HMG-box)
TGFB1	NM_000660.3	TGFB, DPD1, CED, TGFbeta	transforming growth factor, beta 1
TGFB3	NM_003239.2		transforming growth factor, beta 3
TIMP1	NM_003254.2	TIMP, CLGI, EPO	TIMP metalloproteinase inhibitor 1
TLE1	NM_005077.3		transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)
TP53	NM_000546.2		tumor protein p53
TWIST1	NM_000474.3	ACS3, BPES3, TWIST, SCS, H-twist, BPES2, bHLHa38	twist family bHLH transcription factor 1
TWIST2	NM_057179.2		twist family bHLH transcription factor 2
VANGL1	NM_138959.2		VANGL planar cell polarity protein 1
VEGFA	NM_001025366.1	VEGF, VEGF-A, VPF	vascular endothelial growth factor A
WIF1	NM_007191.2		WNT inhibitory factor 1
WISP1	NM_080838.1		WNT1 inducible signaling pathway protein 1
WNT1	NM_005430.2		wingless-type MMTV integration site family, member 1
WNT10A	NM_025216.2		wingless-type MMTV integration site family, member 10A
WNT10B	NM_003394.2		wingless-type MMTV integration site family, member 10B

WNT11	NM_004626.2		wingless-type MMTV integration site family, member 11
WNT16	NM_057168.1		wingless-type MMTV integration site family, member 16
WNT2	NM_003391.2	INT1L1, IRP	wingless-type MMTV integration site family member 2
WNT2B	NM_024494.1	WNT13, XWNT2	wingless-type MMTV integration site family, member 2B
WNT3	NM_030753.3	INT4, MGC131950, MGC138321, MGC138323	wingless-type MMTV integration site family, member 3
WNT4	NM_030761.3		wingless-type MMTV integration site family, member 4
WNT5A	NM_003392.3		wingless-type MMTV integration site family, member 5A
WNT5B	NM_032642.2		wingless-type MMTV integration site family, member 5B
WNT6	NM_006522.3		wingless-type MMTV integration site family, member 6
WNT7A	NM_004625.3		wingless-type MMTV integration site family, member 7A
WNT7B	NM_058238.1		wingless-type MMTV integration site family, member 7B
WNT8A	NM_058244.2		wingless-type MMTV integration site family, member 8A
WNT8B	NM_003393.2		wingless-type MMTV integration site family, member 8B
WNT9A	NM_003395.1		wingless-type MMTV integration site family, member 9A
WNT9B	NM_003396.1	WNT15, WNT14B	wingless-type MMTV integration site family, member 9B
ZEB1	NM_001128128.1	TCF8, PPCD3, BZP, ZEB, AREB6, NIL-2-A, Zfhdp, Zfhx1a	zinc finger E-box binding homeobox 1
ZEB2	NM_014795.3	ZFHX1B, KIAA0569, SIP-1, SIP1	zinc finger E-box binding homeobox 2
CC2D1B	NM_032449.2		coiled-coil and C2 domain containing 1B
COG7	NM_153603.3		component of oligomeric golgi complex 7
EDC3	NM_001142443.1	YJDC, LSM16, FLJ21128, hYjeF_N2-15q23, YJEFN2	enhancer of mRNA decapping 3
GPATCH3	NM_022078.2	GPATC3, FLJ12455	G patch domain containing 3
HDAC3	NM_003883.2		histone deacetylase 3
MTMR14	NM_022485.3	C3orf29, FLJ22405, FLJ90311, hJumpy, hEDTP	myotubularin related protein 14
NUBP1	NM_001278506.1	NBP1, NBP35	nucleotide binding protein 1
PRPF38A	NM_032864.3		pre-mRNA processing factor 38A
SAP130	NM_024545.3		Sin3A-associated protein, 130kDa
SF3A3	NM_006802.2		splicing factor 3a, subunit 3, 60kDa
TLK2	NM_006852.2		tousled-like kinase 2
ZC3H14	NM_001160103.1		zinc finger CCCH-type containing 14