

Gene Symbol	Accession Number	Alias	Official Full Name
AKR1C4	NM_001818.2	CHDR	aldo-keto reductase family 1, member C4 (chlordecone reductase; 3-alpha hydroxysteroid dehydrogenase, type
AKR1D1	NM_005989.2	SRD5B1	aldo-keto reductase family 1, member D1 (delta 4-3-ketosteroid-5-beta-reductase)
AR	NM_000044.2	DHTR, SBMA	androgen receptor
ARSB	NM_000046.3		arylsulfatase B
ARSD	NM_001669.2		arylsulfatase D
ARSE	NM_000047.2	CDPX, CDPX1	arylsulfatase E (chondrodysplasia punctata 1)
ATF2	NM_001880.2	CREB2	activating transcription factor 2
ATM	NM_000051.3	ATA, ATDC, ATC, ATD	ataxia telangiectasia mutated
ATR	NM_001184.2		ataxia telangiectasia and Rad3 related
AZGP1	NM_001185.2		alpha-2-glycoprotein 1, zinc-binding
BAD	NM_004322.2		BCL2-associated agonist of cell death
BAG1	NM_004323.3		BCL2-associated athanogene
BCL2	NM_000633.2		B-cell CLL/lymphoma 2
BCL2L2	NM_004050.2		BCL2-like 2
BRCA1	NM_007294.2		breast cancer 1, early onset
BRCA2	NM_000059.3	FANCD1, FACD, FANCD	breast cancer 2, early onset
C3	NM_000064.2		complement component 3
CARM1	NM_199141.1		coactivator-associated arginine methyltransferase 1
CCNA1	NM_003914.3		cyclin A1
CCNA2	NM_001237.2	CCNA, CCN1	cyclin A2
CCND1	NM_053056.2	BCL1, D11S287E, PRAD1	cyclin D1
CCNE1	NM_001238.1	CCNE	cyclin E1
CCNE2	NM_057735.1		cyclin E2
CD44	NM_000610.3	MIC4, MDU2, MDU3	CD44 molecule (Indian blood group)
CDH1	NM_004360.2	UVO	cadherin 1, type 1, E-cadherin (epithelial)
CDKN1A	NM_000389.2	CDKN1	cyclin-dependent kinase inhibitor 1A (p21, Cip1)
CDKN1B	NM_004064.2		cyclin-dependent kinase inhibitor 1B (p27, Kip1)
CDKN2A	NM_058195.2	CDKN2, MLM	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4)
CHEK1	NM_001274.2		CHK1 checkpoint homolog (S. pombe)
CHEK2	NM_007194.3	RAD53	CHK2 checkpoint homolog (S. pombe)
CLDN7	NM_001307.3	CEPTRL2, CPETRL2	claudin 7
CLU	NM_001831.2	CLI, APOJ	clusterin
COL6A1	NM_001848.2		collagen, type VI, alpha 1
CREBBP	NM_001079846.1	RSTS	CREB binding protein
CTNNB1	NM_001904.3	CTNNB	catenin (cadherin-associated protein), beta 1, 88kDa
CTSB	NM_147780.2		cathepsin B
CTSD	NM_001909.3	CPSD	cathepsin D
CYP11B1	NM_000497.3	CYP11B	cytochrome P450, family 11, subfamily B, polypeptide 1
CYP11B2	NM_000498.3	CYP11B	cytochrome P450, family 11, subfamily B, polypeptide 2
CYP19A1	NM_000103.3	CYP19	cytochrome P450, family 19, subfamily A, polypeptide 1
DLC1	NM_006094.3		deleted in liver cancer 1
DST	NM_001723.4	BPAG1	dystonin
EGFR	NM_005228.3	ERBB	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)
EP300	NM_001429.2		E1A binding protein p300
ERBB2	NM_004448.2	NGL	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian)
ERCC3	NM_000122.1		excision repair cross-complementing rodent repair deficiency, complementation group 3 (xeroderma pigmentosum)
ESR1	NM_000125.2	ESR	estrogen receptor 1
ESR2	NM_001040275.1		estrogen receptor 2 (ER beta)
F3	NM_001993.3		coagulation factor III (thromboplastin, tissue factor)
FANCA	NM_001018112.1	FACA, FANCH	Fanconi anemia, complementation group A
FANCC	NM_000136.2	FACC	Fanconi anemia, complementation group C
FANCD2	NM_001018115.1	FACD, FANCD	Fanconi anemia, complementation group D2
FANCE	NM_021922.2	FACE	Fanconi anemia, complementation group E
FANCF	NM_022725.2		Fanconi anemia, complementation group F
FANCG	NM_004629.1	XRCC9	Fanconi anemia, complementation group G
FAS	NM_000043.3	FAS1, APT1, TNFRSF6	Fas (TNF receptor superfamily, member 6)
FASLG	NM_000639.1	APT1LG1, TNFSF6	Fas ligand (TNF superfamily, member 6)
FGF1	NM_033136.1	FGFA	fibroblast growth factor 1 (acidic)
FHL5	NM_020482.3		four and a half LIM domains 5
FLRT1	NM_013280.4		fibronectin leucine rich transmembrane protein 1
FOSL1	NM_005438.2		FOS-like antigen 1
GABRP	NM_014211.1		gamma-aminobutyric acid (GABA) A receptor, pi
GATA3	NM_002051.2		GATA binding protein 3
GNAS	NM_080425.1	GNAS1	GNAS complex locus
GRIP1	XM_945816.1		glutamate receptor interacting protein 1
GSN	NM_000177.4		gelsolin (amyloidosis, Finnish type)
GTF2A1	NM_015859.2		general transcription factor IIA, 1, 19/37kDa
GTF2E1	NM_005513.1		general transcription factor IIE, polypeptide 1, alpha 56kDa
GTF2F1	NM_002096.2		general transcription factor IIF, polypeptide 1, 74kDa
HDAC1	NM_004964.2	RPD3L1	histone deacetylase 1
HDAC2	NM_001527.1		histone deacetylase 2
HDAC3	NM_003883.2		histone deacetylase 3
HDAC4	NM_006037.3		histone deacetylase 4
HDAC5	NM_005474.4		histone deacetylase 5
HDAC6	NM_006044.2		histone deacetylase 6
HEMK1	NM_016173.3		HemK methyltransferase family member 1
HIST2H3C	NM_021059.2	H3F2, H3FM	histone cluster 2, H3c
HMGB1	NM_002128.4	HMG1	high-mobility group box 1
HSD11B1	NM_181755.1	HSD11B, HSD11	hydroxysteroid (11-beta) dehydrogenase 1
HSD11B2	NM_000196.3		hydroxysteroid (11-beta) dehydrogenase 2
HSD17B1	NM_000413.1	EDHB17, EDH17B2	hydroxysteroid (17-beta) dehydrogenase 1
HSD17B12	NM_016142.2		hydroxysteroid (17-beta) dehydrogenase 12

HSD17B2	NM_002153.2		hydroxysteroid (17-beta) dehydrogenase 2
HSD17B3	NM_000197.1		hydroxysteroid (17-beta) dehydrogenase 3
HSD17B7	NM_016371.2		hydroxysteroid (17-beta) dehydrogenase 7
HSD17B8	NM_014234.3	FABGL	hydroxysteroid (17-beta) dehydrogenase 8
HSD3B1	NM_000862.2	HSD3B, HSD3B	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 1
HSD3B2	NM_000198.2		hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 2
HSPB1	NM_001540.3		heat shock 27kDa protein 1
HUS1	NM_004507.2		HUS1 checkpoint homolog (S. pombe)
ID2	NM_002166.4		inhibitor of DNA binding 2, dominant negative helix-loop-helix protein
IGFBP2	NM_000597.2	IBP2	insulin-like growth factor binding protein 2, 36kDa
IL2RA	NM_000417.1	IL2R	interleukin 2 receptor, alpha
IL6	NM_000600.1	IFNB2	interleukin 6 (interferon, beta 2)
IL6R	NM_000565.2		interleukin 6 receptor
IL6ST	NM_002184.2		interleukin 6 signal transducer (gp130, oncostatin M receptor)
ITGA6	NM_000210.1		integrin, alpha 6
ITGB4	NM_001005731.1		integrin, beta 4
JUN	NM_002228.3		jun oncogene
KIT	NM_000222.1	PBT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
KLF5	NM_001730.3	BTEB2	Kruppel-like factor 5 (intestinal)
KLK5	NM_012427.4		kallikrein-related peptidase 5
KRT18	NM_000224.2		keratin 18
KRT19	NM_002276.4		keratin 19
KRT86	NM_002284.3	KRTHB6	keratin 86
LCMT1	NM_001032391.1		leucine carboxyl methyltransferase 1
LCMT2	NM_014793.3		leucine carboxyl methyltransferase 2
MAP2K7	NM_145185.2	PRKMK7	mitogen-activated protein kinase kinase 7
MAPK1	NM_002745.4	PRKM2, PRKM1	mitogen-activated protein kinase 1
MAPK3	NM_001040056.1	PRKM3	mitogen-activated protein kinase 3
MED1	NM_004774.3	TRIP2, PPARGBP, PPARBP	mediator complex subunit 1
MEF2C	NM_002397.3		myocyte enhancer factor 2C
METTL2B	NM_018396.2	METTL2	methyltransferase like 2B
METTL6	NM_152396.2		methyltransferase like 6
MKI67	NM_002417.2		antigen identified by monoclonal antibody Ki-67
MRE11A	NM_005590.3	MRE11	MRE11 meiotic recombination 11 homolog A (S. cerevisiae)
MT3	NM_005954.2		metallothionein 3
MUC1	NM_001018017.1	PUM	mucin 1, cell surface associated
NBN	NM_002485.4	NBS, NBS1	nibrin
NCOR2	NM_006312.3		nuclear receptor co-repressor 2
NFYB	NM_006166.3		nuclear transcription factor Y, beta
NGF	NM_002506.2	NGFB	nerve growth factor (beta polypeptide)
NGFR	NM_002507.1		nerve growth factor receptor (TNFR superfamily, member 16)
NME1	NM_000269.2		non-metastatic cells 1, protein (NM23A) expressed in
NR0B1	NM_000475.4	AHC, DSS	nuclear receptor subfamily 0, group B, member 1
NRIP1	NM_003489.2		nuclear receptor interacting protein 1
PAPPA	NM_002581.3		pregnancy-associated plasma protein A, pappalysin 1
PELP1	NM_014389.2		proline, glutamate and leucine rich protein 1
PGR	NM_000926.4		progesterone receptor
PHB2	NM_007273.3		prohibitin 2
PLAU	NM_002658.2		plasminogen activator, urokinase
POLR2A	NM_000937.2	POLR2	polymerase (RNA) II (DNA directed) polypeptide A, 220kDa
PPARGC1A	NM_013261.3	PPARGC1	peroxisome proliferator-activated receptor gamma, coactivator 1 alpha
PPIA	NM_021130.2		peptidylprolyl isomerase A (cyclophilin A)
PPP1R15A	NM_014330.2		protein phosphatase 1, regulatory (inhibitor) subunit 15A
PRMT2	NM_001535.2	HRMT1L1	protein arginine methyltransferase 2
PRMT3	NM_005788.2	HRMT1L3	protein arginine methyltransferase 3
PRMT5	NM_006109.3	HRMT1L5, SKB1	protein arginine methyltransferase 5
PRMT6	NM_018137.1	HRMT1L6	protein arginine methyltransferase 6
PRMT7	NM_019023.1		protein arginine methyltransferase 7
PRMT8	NM_019854.3	HRMT1L3, HRMT1L4	protein arginine methyltransferase 8
PTEN	NM_000314.3	BZS, MHAM	phosphatase and tensin homolog
PTGS2	NM_000963.1		prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)
RAC2	NM_002872.3		ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)
RAD1	NM_133377.2		RAD1 homolog (S. pombe)
RAD17	NM_133338.1		RAD17 homolog (S. pombe)
RAD50	NM_005732.2		RAD50 homolog (S. cerevisiae)
RAD51	NM_002875.3	RAD51A, RECA	RAD51 homolog (RecA homolog, E. coli) (S. cerevisiae)
RAD9A	NM_004584.2	RAD9	RAD9 homolog A (S. pombe)
RPL13A	NM_012423.2		ribosomal protein L13a
RPL27	NM_000988.3		ribosomal protein L27
S100A2	NM_005978.3	S1L	S100 calcium binding protein A2
SCGB1D2	NM_006551.3		secretoglobin, family 1D, member 2
SCGB2A1	NM_002407.2	MGB2	secretoglobin, family 2A, member 1
SCGB2A2	NM_002411.1	MGB1	secretoglobin, family 2A, member 2
SERPINA3	NM_001085.4	AACT	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3
SERPINB5	NM_002639.4	PI5	serpin peptidase inhibitor, clade B (ovalbumin), member 5
SERPINE1	NM_000602.2	PLANH1, PAI1	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 1
SLC7A5	NM_003486.5		solute carrier family 7 (cationic amino acid transporter, y+ system), member 5
SPEN	NM_015001.2		spen homolog, transcriptional regulator (Drosophila)
SPRR1B	NM_003125.2	SPRR1	small proline-rich protein 1B (cornifin)
SRA1	NM_001035235.2		steroid receptor RNA activator 1
SRC	NM_005417.3	SRC1	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)
SRD5A1	NM_001047.2		steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1)
SRD5A2	NM_000348.3		steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2)

STC2	NM_003714.2		stanniocalcin 2
STS	NM_000351.4	ARSC1	steroid sulfatase (microsomal), isozyme S
SULT1E1	NM_005420.2	STE	sulfotransferase family 1E, estrogen-preferring, member 1
SULT2A1	NM_003167.2	STD	sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1
SULT2B1	NM_004605.2		sulfotransferase family, cytosolic, 2B, member 1
TBP	NM_003194.3	GTF2D1, SCA17	TATA box binding protein
TFF1	NM_003225.2	BCE1	trefoil factor 1
TFF3	NM_003226.2		trefoil factor 3 (intestinal)
TGFA	NM_001099691.1		transforming growth factor, alpha
THBS1	NM_003246.2		thrombospondin 1
THBS2	NM_003247.2		thrombospondin 2
THBS4	NM_003248.3		thrombospondin 4
TIE1	NM_005424.2	TIE	tyrosine kinase with immunoglobulin-like and EGF-like domains 1
TNFAIP2	NM_006291.2		tumor necrosis factor, alpha-induced protein 2
TOP2A	NM_001067.2	TOP2	topoisomerase (DNA) II alpha 170kDa
TP53	NM_000546.2		tumor protein p53
TREX1	NM_130384.1	AGS1	three prime repair exonuclease 1
UGT1A1	NM_000463.2	UGT1, GNT1	UDP glucuronosyltransferase 1 family, polypeptide A1
UGT1A10	NM_019075.2		UDP glucuronosyltransferase 1 family, polypeptide A10
UGT1A3	NM_019093.2		UDP glucuronosyltransferase 1 family, polypeptide A3
UGT1A4	NM_007120.2		UDP glucuronosyltransferase 1 family, polypeptide A4
UGT1A5	NM_019078.1		UDP glucuronosyltransferase 1 family, polypeptide A5
UGT1A6	NM_205862.1		UDP glucuronosyltransferase 1 family, polypeptide A6
UGT1A7	NM_019077.2		UDP glucuronosyltransferase 1 family, polypeptide A7
UGT2A1	NM_006798.2		UDP glucuronosyltransferase 2 family, polypeptide A1
UGT2A3	NM_024743.3		UDP glucuronosyltransferase 2 family, polypeptide A3
UGT2B10	NM_001075.4		UDP glucuronosyltransferase 2 family, polypeptide B10
UGT2B17	NM_001077.2		UDP glucuronosyltransferase 2 family, polypeptide B17
UGT2B7	NM_001074.2		UDP glucuronosyltransferase 2 family, polypeptide B7
VEGFA	NM_001025366.1	VEGF	vascular endothelial growth factor A
WBSCR22	NM_017528.2		Williams Beuren syndrome chromosome region 22
CLTC	NM_004859.2	CLTCL2, Hc	clathrin, heavy chain (Hc)
GAPDH	NM_002046.3	GAPD,	glyceraldehyde-3-phosphate dehydrogenase
GUSB	NM_000181.1		glucuronidase, beta
HPRT1	NM_000194.1	HPRT, HGPRT	hypoxanthine phosphoribosyltransferase 1
PGK1	NM_000291.2		phosphoglycerate kinase 1
TUBB	NM_178014.2	OK/SW-cl.56, MGC16435, M4, Tubb5	tubulin, beta