

Approved symbol	Approved name	HGNC ID	Location
ABCB11	ATP binding cassette subfamily B member 11	HGNC:42	2q24
ADH1B	alcohol dehydrogenase 1B (class I), beta polypeptide	HGNC:250	4q23
ADH6	alcohol dehydrogenase 6 (class V)	HGNC:255	4q23
AFP	alpha fetoprotein	HGNC:317	4q13.3
AGT	angiotensinogen	HGNC:333	1q42.2
AKT1	v-akt murine thymoma viral oncogene homolog 1	HGNC:391	14q32.33
ALDH9A1	aldehyde dehydrogenase 9 family member A1	HGNC:412	1q24.1
ALK	anaplastic lymphoma receptor tyrosine kinase	HGNC:427	2p23
AMFR	autocrine motility factor receptor, E3 ubiquitin protein ligase	HGNC:463	16q21
AOC1	amine oxidase, copper containing 1	HGNC:80	7q36.1
BBS5	Bardet-Biedl syndrome 5	HGNC:970	2q31
BRD2	bromodomain containing 2	HGNC:1103	6p21.3
CRH	corticotropin releasing hormone	HGNC:2355	8q13
CRHBP	corticotropin releasing hormone binding protein	HGNC:2356	5q13.3
CRHR1	corticotropin releasing hormone receptor 1	HGNC:2357	17q21.31
CRHR2	corticotropin releasing hormone receptor 2	HGNC:2358	7p14.3
CSMD3	CUB and Sushi multiple domains 3	HGNC:19291	8q23.3
CTNNB1	catenin beta 1	HGNC:2514	3p21
CYP19A1	cytochrome P450 family 19 subfamily A member 1	HGNC:2594	15q21
DDO	D-aspartate oxidase	HGNC:2727	6q22.1
DRD2	dopamine receptor D2	HGNC:3023	11q23.2
EEF1G	eukaryotic translation elongation factor 1 gamma	HGNC:3213	11q12.3
EPHB2	EPH receptor B2	HGNC:3393	1p36.1-p35
FLT1	fms related tyrosine kinase 1	HGNC:3763	13q12
FSTL5	follistatin like 5	HGNC:21386	4q32.3
GRIA1	glutamate ionotropic receptor AMPA type subunit 1	HGNC:4571	5q33
GRIA2	glutamate ionotropic receptor AMPA type subunit 2	HGNC:4572	4q32.1
GTF2H1	general transcription factor IIH subunit 1	HGNC:4655	11p15.1-p14
IGF1	insulin like growth factor 1	HGNC:5464	12q23.2
IGF1R	insulin like growth factor 1 receptor	HGNC:5465	15q26.3
IL6	interleukin 6	HGNC:6018	7p15.3
IRAK1	interleukin 1 receptor associated kinase 1	HGNC:6112	Xq28
IRAK1BP1	interleukin 1 receptor associated kinase 1 binding protein 1	HGNC:17368	6q14.1
KLHL1	kelch like family member 1	HGNC:6352	13q21
MAPK14	mitogen-activated protein kinase 14	HGNC:6876	6p21.3-p21.2
MC2R	melanocortin 2 receptor	HGNC:6930	18p11.2
MTRR	5-methyltetrahydrofolate-homocysteine methyltransferase reductase	HGNC:7473	5p15.31
NAA10	N(alpha)-acetyltransferase 10, NatA catalytic subunit	HGNC:18704	Xq28
NCAM2	neural cell adhesion molecule 2	HGNC:7657	21q21
NFKB1	nuclear factor of kappa light polypeptide gene enhancer in B-cells 1	HGNC:7794	4q24
NOS1	nitric oxide synthase 1	HGNC:7872	12q24.22
NTS	neurotensin	HGNC:8038	12q21.31
NTSR1	neurotensin receptor 1 (high affinity)	HGNC:8039	20q13
NTSR2	neurotensin receptor 2	HGNC:8040	2p25.1
OAZ1	ornithine decarboxylase antizyme 1	HGNC:8095	19p13.3
OR4C6	olfactory receptor family 4 subfamily C member 6	HGNC:14743	11q11
OR4P4	olfactory receptor family 4 subfamily P member 4	HGNC:15180	11q11
OR4S2	olfactory receptor family 4 subfamily S member 2	HGNC:15183	11q11
OXTR	oxytocin receptor	HGNC:8529	3p25
P4HA2	prolyl 4-hydroxylase subunit alpha 2	HGNC:8547	5q31
PGR	progesterone receptor	HGNC:8910	11q22-q23
PIK3CG	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma	HGNC:8978	7q22
PLCB1	phospholipase C beta 1	HGNC:15917	20p12

PPIA	peptidylprolyl isomerase A	HGNC:9253	7p13
PTGS1	prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)	HGNC:9604	9q32-q33.3
PTGS2	prostaglandin-endoperoxide synthase 2	HGNC:9605	1q25.2-q25.3
RASSF7	Ras association domain family member 7	HGNC:1166	11p15.5
RPL19	ribosomal protein L19	HGNC:10312	17q12
RPS6KB1	ribosomal protein S6 kinase, 70kDa, polypeptide 1	HGNC:10436	17q23.1
SDHA	succinate dehydrogenase complex flavoprotein subunit A	HGNC:10680	5p15
TLR3	toll like receptor 3	HGNC:11849	4q35
TLR7	toll like receptor 7	HGNC:15631	Xp22.3
TP53	tumor protein p53	HGNC:11998	17p13.1
VEGFA	vascular endothelial growth factor A	HGNC:12680	6p12
ABCF1	ATP binding cassette subfamily F member 1	HGNC:70	6p21.33
ACTB	actin, beta	HGNC:132	7p22
ALAS1	5'-aminolevulinatase synthase 1	HGNC:396	3p21
B2M	beta-2-microglobulin	HGNC:914	15q21.1
CLTC	clathrin heavy chain	HGNC:2092	17q23.1
G6PD	glucose-6-phosphate dehydrogenase	HGNC:4057	Xq28
GAPDH	glyceraldehyde-3-phosphate dehydrogenase	HGNC:4141	12p13.31
GUSB	glucuronidase, beta	HGNC:4696	7q11.21
HPRT1	hypoxanthine phosphoribosyltransferase 1	HGNC:5157	Xq26.2
LDHA	lactate dehydrogenase A	HGNC:6535	11p15.1
PGK1	phosphoglycerate kinase 1	HGNC:8896	Xq13.3
POLR1B	polymerase (RNA) I polypeptide B	HGNC:20454	2q13
POLR2A	polymerase (RNA) II (DNA directed) polypeptide A, 220kDa	HGNC:9187	17p13.1
RPLP0	ribosomal protein, large, P0	HGNC:10371	12q24.2
TBP	TATA-box binding protein	HGNC:11588	6q27
TUBB	tubulin beta class I	HGNC:20778	6p21.33