

Gene	Gene Name	Sequence	GenBank Acc #
Abca1	ATP-binding cassette, sub-family A (ABC1), member 1	TCCTCATCTCGTCAATCAAA GGACTTGGTAGGACGGAACCT	NM_013454
Abcb11	ATP-binding cassette, sub-family B (MDR/TAP), member 11; Bsep	AAGCTGCCAAGGATGCTAATG CTCCAACATAGGGTGTCAAAATGTC	NM_021022
Abcb1a	ATP-binding cassette, sub-family B (MDR/TAP), member 1A; Abcb4; Ev32; Mdr1a; Mdr3; Pgp; Pgy3	TCCAGAACCGGGACTTGTATC GGTCCCGTGTCTCTTGAC	NM_011076
Abcb4	ATP-binding cassette, sub-family B (MDR/TAP), member 4; Mdr2; Pgy2	GGATCTTAGGACGAGGAGAA GGTTGCTGATGCTGCCTAGTT	NM_008830
Abcg1	ATP-binding cassette, sub-family G (WHITE), member 1; Abc8; White	GTTCAGGAGGCCATGATGGT CCGTGCGCTTCATCCTTCTC	NM_009593
Abcg5	ATP-binding cassette, sub-family G (WHITE), member 5; sterol-1	CCCATACACCGGGATGTCT GGTCGCTGACGGCTCTCA	NM_031884
Abcg8	ATP-binding cassette, sub-family G (WHITE), member 8; sterol-2	CCGTGCTCAGATTGCCAATGA GGCTTCGACCCATGAATG	NM_026180
Akr1d1	aldo-keto reductase family 1, member D1	GCCACGACATGACATCGT GTTCCGCGAGGTCCTTAAG	NM_145364
Apoc2	apolipoprotein C-II	CCCAGTACGATGGATGAG ATGCGCCCGAGCTTT	NM_009695
Apoc4	apolipoprotein C-IV; apolipoprotein C2 linked	CACGGACCTGCCATCA TGGATGCTACAAGGCTGACCAA	NM_007385
Apoe	apolipoprotein E	GTCTGACCAAGTCCAGGAGAG CATCAGTCCGCTCAGTCTTGT	NM_009696
Cyp27a1	cytochrome P450, family 27, subfamily a, polypeptide 1; cholesterol 27 hydroxylase	CTGCGTACGGCTTGAAACA TCGTTAAGGCATCCGTGTAGA	NM_024264
Cyp7a1	cytochrome P450, family 7, subfamily a, polypeptide 1; cholesterol 7 alpha hydroxylase	CCATGATGCAAAACCTCCAAT ACCCAGACAGCGCTCTTGA	NM_007824
Cyp7b1	cytochrome P450, family 7, subfamily b, polypeptide 1	CAGGCGCCCTCGTGAAC GGCCCATGCCAAGATAAGG	NM_007825
Cyp8b1	cytochrome P450, family 8, subfamily b, polypeptide 1; sterol 12-alpha-hydroxylase	TAGCCCTCTTTCCCTCACTATA GAACCGATGGAACCTAAATCCCT	NM_010012
Fabp1	fatty acid binding protein 1, liver; Fabpl; L-FABP	GCATAAGTCCGTAAGTCACTCA TGTCCGCAATGCTCATGGTA	NM_017399
Fasn	fatty acid synthase; FAS	CCTGGATGACATCCGAACCT AGCACATCTGGAAGGCTACACA	NM_007988
Hmgcr	3-hydroxy-3-methylglutaryl-Coenzyme A reductase; HMG-CoAR; Red	GGCAGTCAGTGGGAAGTATGTC CCTCGTCTTCGATCCAGTTT	NM_008255
Hnf4a	hepatic nuclear factor 4, alpha; Hnf4; MODY1; Nr2a1; Tcf14; Tcf4; HNF4alpha10; HNF4alpha11; HNF4alpha12	GTCCAGTGGGGCAAGTAGATC CAGCGCCACCTGGTCATC	NM_008261
Hsd3b7	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7	CATACAGCTGGGTGGTGGAT TGACTTTGGATGGTCTTTGG	NM_133943
Ldlr	low density lipoprotein receptor; Hlb301	CATAGGCTATGCTCTTCACCAA CGCGTCCAGGGTCACTTTC	NM_010700
Lpl	lipoprotein lipase	CCAGGATGCAACATTTGGAGAA CCACGCTCCGAGTCCCTCTC	NM_008509
Lrp1	low density lipoprotein receptor-related protein 1; A2mr; alpha 2-macroglobulin receptor	TGGTCTCTCCGAAATCTGT CCACCGGATCTTGAAGGA	NM_008512
Msr1	macrophage scavenger receptor 1; MRS-A; MSR; MSR-A; SR-AI; SR-AII; Scar1; Scvr	GGAGAGAAATCCAAAGCATTTCAA CTGAAGCGTCCCGTGTCT	NM_031195
Nr1b2 (Shp1)	nuclear receptor subfamily 0, group B, member 2; SHP; SHP-1; Shp1; small heterodimer partner	GCCTGGCCCGAATCTC GGGTGCTGGAATGTTCTTG	NM_011850
Nr1h4 (Fxr)	nuclear receptor subfamily 1, group H, member 4; Fxr; farnesoid X activated receptor	CCACCAGCTGTGAGGATTT GCATACCTTTAGCTGGCTTACA	NM_009108
Nr5a2 (Fif, LRH-1)	nuclear receptor subfamily 5, group A, member 2; Fif; LRH-1; fetoprotein transcription factor	CGTITGCACTAACCCACAA CGGGTAGCCGAAGAGTAGCT	NM_030676
Nr1h3 (Lxr)	nuclear receptor subfamily 1, group H, member 3; LXR; RLD1; Unr1; LXR alpha	GTTCCACGGATGCTAATGAA TGAATGGAGGCTGCTCAAAG	NM_013839
Nr1h2 (Pxr)	nuclear receptor subfamily 1, group I, member 2; PXR; SXR; Pregnane X receptor	ACATTGAGTGTAGTGGGCCATATC AGGACGGCCATGATCTTCAG	NM_010936
Pctp	phosphatidylcholine transfer protein; StarD2	TGGCATACTGGGAAGTGAAGTAC GGCGGGTGTAGACGTAAATCTC	NM_008796
Pltp	phospholipid transfer protein	ACGAGCCCTCCAGCTTGTAC GCTGGCGGTGATGGAGAT	NM_011125
Scd1	stearoyl-Coenzyme A desaturase 1; Scd; asebia; stearoyl-CoA desaturase; stearoyl-CoA desaturase 1	GCCACATGCTCCAAGAGAT GAGGGAGGTGACAGTGTGGT	NM_009127
Slc10a1 (Ntcp)	solute carrier family 10 (sodium/bile acid cotransporter family), member 1; Ntcp	CACCAGGCCACAGCAACT TGATGAGCAGCAACATAACTACCA	NM_011387
Slc10a2 (ASBT)	solute carrier family 10 (sodium/bile acid cotransporter family), member 2; ASBT; ISBT	TGGATAGTGGGACATGGA GGCAAGCAGTGTGGAGCAA	NM_011388
Slco1a1 (Oatp1, Slc21a1)	solute carrier organic anion transporter family, member 1a1; Oatp1, Slc21a1	CTCCCCGAGTTCATTCTAA TGGATGTCGCCAGGAAAT	NM_013797
Slco1a4 (Oatp2, Slc21a5)	solute carrier organic anion transporter family, member 1a4; Oatp2, Slc21a5	TGAAGCTCACTGCGAAGGAA TCCATCATTCTGATCGTAGGA	NM_030687
Dio2	deiodinase, iodothyronine, type II; 5DII; DIOII; iodothyronine type II deiodinase; type-II 5' deiodinase	TGCACGTCTCCAATCCTGAA GCCCATCAGCGGTCTT	NM_010050
Scarb1 (SR-BI)	scavenger receptor class B, member 1; SR-B1; SR-BI; scavenger receptor class B type I	CACGCGGTGCGAAGATTT GCTGAGTCCCTCCATTTGTC	NM_016741
Sreb1 (SREBP1)	sterol regulatory element binding transcription factor 1; SREBP-1, SREBP-1a, SREBP-1c; bHLHd1	GCCACAAATGCCATTGAGA CAGGTCTTTGAGCTCCAACTCT	NM_011480
Fgfr4	fibroblast growth factor receptor 4; CTLA-2-beta protein	ACTCTGCCAGCCCTGTCACTA CCGAGTGGCTGCACA	NM_008011
Soat2 (ACAT2)	sterol O-acyltransferase 2; ACAT2; acyl-CoA:cholesterol acyltransferase 2	CGCCCGCAAGTCACTGA GATGGTTCGGAATGTTGCA	NM_146064
Fabp4 (Ap2, Lbpl)	fatty acid binding protein 4, adipocyte; Ap2; Lbpl; adipocyte protein aP2; lipid binding protein-like	AAGAGAAACGAGATGGTGACAA CTTGTGGAAGTACGCGCTTT	NM_024406
Fabp5 (Fabpe, E-FABP)	fatty acid binding protein 5, epidermal; Klbp; mal1; Fabpe E-FABP; keratinocyte lipid binding protein	CGACAGCTGATGGCAGAAAA CAGGGCACCGTCTTGGAA	NM_010634
Gcgr (GR)	glucagon receptor	TGGCCACAGTATCATGCA CCTCTACCAGCAACCAGCAATA	NM_008101
Gcg (glucagon, GLP-1)	glucagon; GLP-1; glucagon-like peptide I	AGGGACCTTTACCAGTGTGTGA AGCCACGCAATGAATTCCTT	NM_008100
Glp1r	glucagon-like peptide 1 receptor; GLP-1R; GLP1Rc	CTTTCTCCGCTTGGTGATC TCCTTGTGAGTCAAGTGT	NM_021332
Ins1	insulin I; Ins-1; Ins2-rs1	CCCTGCTGCCCTTTGG GGACCAAAAGATGCTTTTGA	NM_008386
Ins2	insulin II; Ins-2; InsII; Mody; Mody4; proinsulin	CCTGTGATGCGCTTCTC AACCACAAAGTGTGCTTTGA	NM_008387
Iapp (amylin)	islet amyloid polypeptide; DAP; amylin; diabetes-associated peptide	GCCACGTGTGCCACACA GTTGTTGCTGGAACGAACCA	NM_010491
Insr (IR)	insulin receptor; IR	ACCTTCACTCAAAATCGAGAACT ACTTATTGTTGTAATGACGATTTGGT	NM_010568
Irs2	insulin receptor substrate 2	AGCAAGAACCCTGACTGGTGTATACC GGCTGTTTCGCAATGAGCTT	NM_001081212
Ffar1 (Gpr40)	free fatty acid receptor 1; FFA1R; GPCR40; GPR40; G protein-coupled receptor 40	TGC GCT GGG CTT TCCAT GCTGGGAGTGAATCGCAGTT	NM_194057
Gpr119	G-protein coupled receptor 119	TTCCAGCAGACCACTACCAT CCT TGGTGAACACAGCAA	NM_181751
Slc2a2 (Glut-2)	solute carrier family 2 (facilitated glucose transporter), member 2; Glut-2; liver-type glucose transporter	TGGAAGATCAAAAGCAATGTTG CATCAAGGGCTCCAGTCAAT	NM_031197