

GENE	UniGene ID	GENE NAME	FUNCTION
BCL2L13	Hs.699302	BCL2-like 13	apoptosis facilitator
C20orf1	-----	-----	-----
CARS	Hs.274873	cysteinyl-tRNA synthetase	Aminoacyl-tRNA biosynthesis, Cysteine metabolism
CAV1	Hs.74034	caveolin 1	cholesterol homeostasis, cholesterol transport, inactivation of MAPK activity
CCL20	Hs.75498	chemokine (C-C motif) ligand 20	inflammatory response
COL4A1	Hs.17441	collagen, type IV, alpha 1	extracellular matrix structural constituent
DHX9/DDX9	Hs.191518	DEAH (Asp-Glu-Ala-His) box polypeptide 9	ATP binding
DKFZP564F0522	Hs.468140	DKFZP564F0522	phosphopantetheine binding
DKFZp761H0421	Hs.632255	RUN domain containing 1	unknown function
ELF3	Hs.67928	E74-like factor 3 (ets domain transcription factor, epithelial-specific)	epidermis development
FLJ12787	Hs.406703	Src-associated protein SAW	cell cycle control and apoptosis
FLJ21870	Hs.355455	ANKRD57	
FLJ22087	Hs.591183	amplified in breast cancer 1	unknown function
FLJ23476	Hs.301564	yrdC domain containing	negative regulation of transport
FLJ25804	Hs.33366	cell division cycle associated 2	unknown function
GFPT2	Hs.30332	glutamine-fructose-6-phosphate transaminase 2	carbohydrate biosynthesis
GPR56	Hs.513633	G protein-coupled receptor 56	cell adhesion
HBP17	Hs.1690	fibroblast growth factor binding protein 1	regulation of cell proliferation
HMGE	Hs.443723	GrpE-like 1	unfolded protein binding, adenylyl-nucleotide exchange factor activity
Hs.S2140567	Hs.485233	mitogen-activated protein kinase kinase kinase 14	Apoptosis, Keratinocyte Differentiation, MAPK signaling pathway, NF-kB Signaling Pathway
HSPH1	Hs.36927	heat shock 105kDa/110kDa protein 1	protein folding
KIAA0063	Hs.3094	Josephin domain containing 1	unknown function
KIAA0247	Hs.440025	KIAA0247	unknown function
KIAA0438	Hs.483036	praja 2	ligase activity
KLK7	Hs.151254	kallikrein 7 (chymotryptic, stratum corneum)	epidermis development, proteolysis and peptidolysis, chymotrypsin activity
LOC112970	Hs.476033	thioredoxin domain containing 12	Glutathione metabolism
LSM3	Hs.111632	LSM3 homolog, U6 small nuclear RNA associated	pre-mRNA splicing factor activity
LXN	Hs.478067	latexin	enzyme inhibitor activity
MTSG1	Hs.7946	mitochondrial tumor suppressor 1	oxidoreductase activity, receptor activity
NCOA1	Hs.412293	nuclear receptor coactivator 1	signal transduction
NKTR	Hs.529509	natural killer-tumor recognition sequence	protein folding
NRF	Hs.437084	NF-kappaB repressing factor	negative regulation of transcription
NSE1	Hs.260855	NSE1	unknown function
NYREN18	Hs.173024	NEDD8 ultimate buster-1	ubiquitin/proteasome pathway
PCTK3	Hs.445402	PCTAIRE protein kinase 3	signal transduction
PEX3	Hs.7277	peroxisomal biogenesis factor 3	peroxisome organization and biogenesis
POLQ	Hs.241517	polymerase (DNA directed), theta	DNA repair
RBM12	Hs.246413	copine 1	lipid metabolic process
RGS2	Hs.78944	regulator of G-protein signalling 2	cell cycle regulation
SF1	Hs.502829	splicing factor 1	regulation of transcription, DNA-dependent
SFRS3	Hs.405144	splicing factor, arginine/serine-rich 3	nuclear mRNA splicing, via spliceosome
STHM	Hs.207459	ST6	protein amino acid glycosylation
SYNJ2	Hs.434494	synaptojanin 2	phosphoinositide 5-phosphatase activity
TFPI2	Hs.438231	tissue factor pathway inhibitor 2	serine-type endopeptidase inhibitor activity
TFRC	Hs.529618	transferrin receptor (p90, CD71)	endocytosis
TP53INP1	Hs.492261	tumor protein p53 inducible nuclear protein 1	apoptosis
Unknown	-----	-----	-----
ZNF189	Hs.50123	zinc finger protein 189	regulation of transcription, DNA-dependent

*Genes are listed in alphabetical order. The cutoff p-value was set as $<10^{-9}$.