

Accession Number	Gene Name	Putative biological function (source UniProt)
CU988981	Alpha-N-acetylgalactosaminidase (NAGA)	Glycolipid and carbohydrate catabolic process
FP009095	Protein MMS22	Genome integrity during DNA replication
CU991170	Anaphase-promoting complex subunit 4 (ANAPC4)	Positive regulation of mitotic metaphase/anaphase transitions
AM864639	Vacuolar-sorting protein SNF8	Endosomal transport and transcriptional regulation
CU991506	Tripartite motif-containing protein 2 (TRIM2)	Protein polyubiquitination
AM857976	Contactin-5 (CNTN5)	Cell adhesion during nervous system development
FP001149	Phenylserine dehydratase	Gluconeogenesis
AM854656	Reversion-inducing cysteine-rich protein with Kazal motifs (RECK)	Embryonic morphogenesis, cell migration, regulation of the Wnt pathway
CU995707	Vacuolar ATPase assembly integral membrane protein VMA21	Regulation of ATPase activity
AM861623	Solute carrier family 13 member 2 (SLC13A2)	Transport of sodium ions and dicarboxylate
CB617395	Integrin beta-like protein A (ITGBL1)	Cell adhesion
CU992985	Delta(14)-sterol reductase-like (DBR2)	Metabolic process
FP011715	26S proteasome non-ATPase regulatory subunit 5 (PSMD3)	Maintenance of protein homeostasis, cell cycle progression
AM861441	Asteroid-like protein 1 (ASTE1)	DNA repair
FP002068	Mitochondrial fission factor (MFF)	Mitochondrial fission
CU988912	Cryptic protein (CFC1)	Gastrulation, Heart development, anatomical structure development
CU988028	Ubiquitin carboxyl-terminal hydrolase isozyme L3 (UCHL3)	Ubiquitin-dependent protein catabolic process
AM862952	Fanconi anemia core complex-associated protein 20 (FAAP20)	DNA damage, DNA repair
CU986965	Collagen alpha-1(I) chain (COL1A1)	Embryonic development and ossification
CU991884	Calmodulin-2 (Calm2)	Cell cycle progression
AM865788	Cytidine deaminase (CDA)	Cell growth
AM868621	Protein ARV1	Sterol and lipid metabolism, transport
CU986603	Heat shock 70 kDa protein 12A (HSPA12A)	ATP binding
CU996139	Tyrosinase-like protein 1 (TYRP1)	Cell cycle proliferation

FP011792	Phosphatidylinositol N-acetylglucosaminyltransferase subunit P (PIGP)	GPI-anchor biosynthesis
ES789933	Coatomer subunit gamma-2 (COPG2)	ER-Golgi transport, Protein transport, Transport
FP008417	Neurochondrin Iso 2 (NCDN)	Signaling transduction
AM867236	Filamin-A-interacting protein 1 (FILIP1)	Cell migration
CU995344	Tetraspanin-3 (TSPAN3)	Cell proliferation and migration
AM862482	Protocadherin alpha-C2 (PCDHAC2)	Cell adhesion
CU683837	Senescence associated protein (DIN1)	Senescence
CU997478	Carnosine synthase 1 (CARNS1)	Carnosine biosynthetic process
CU990242	Peptidyl-prolyl cis-trans isomerase FKBP4	Protein folding
CU999062	Tripartite motif-containing protein 2 (TRIM2)	Protein polyubiquitination
AM866619	Peroxidasin homolog (PXDN)	Hydrogen peroxyde
AM855549	Sodium-independent sulfate anion transporter (SLC26A11)	Anion exchange, Ion transport, Transport
AM865586	Tripartite motif-containing protein 75 (TRIM75)	Metal-binding
CU990665	Sodium/potassium-transporting ATPase subunit beta (ATP1B1)	Cell adhesion, Sodium/potassium transport
AM864143	Nuclear pore complex protein Nup107	mRNA transport, Protein transport, Translocation, Transport
FP007022	Small integral membrane protein 7 (Smim7)	Unknown
FP005820	UPF0582 protein C13orf37, mitotic spindle organizing protein 1 (MZT1)	Gamma-tubulin Complex localization
FP006374	Eukaryotic translation initiation factor 2-alpha kinase 3 (EIF2AK3)	Stress response, Translation regulation, Unfolded protein response
FP008354	Tyrosinase	Cell population proliferation
FP010483	Focadhesin Iso 2 (Focad)	Potential tumor suppressor
EX956409	Tripartite motif-containing protein 3 (TRIM3)	Protein transport, Transport, Nervous system development
CU999647	Interferon-induced protein 44 (IFI44)	Immune response
FP009925	GRIP1-associated protein 1 (GRIPAP1)	Protein transport, Transport
CX068921	Perilipin-2 (PLIN2)	Development and maintenance of adipose tissue
CU993737	Sodium- and chloride-dependent glycine transporter 2 (Slc6a5)	Neurotransmitter transport, Symport, Transport
CU991458	Dystrophin (DMD)	Muscle organ development
AM865975	LON peptidase N-terminal domain	Protein polyubiquitination

	and RING finger protein 3 Iso 1 (LONRF1)	
CU997996	Nucleoside-triphosphate phosphatase	Cellular response
AM864917	Tyrosine-protein kinase BTK	Adaptative immunity and transcription regulation
CU683400	Peptidase inhibitor 15-A (pi15a)	Multicellur organsim development
FP002317	Zinc finger protein 511 (ZNF511)	Transcription regulation
FP003562	Tripartite motif-containing protein 3 (TRIM3)	Protein transport, Transport, Nervous system development
CU991980	Mitochondrial 2-oxodicarboxylate carrier (SLC25A21)	Transport
FP009692	Transmembrane protein 19 (TMEM19)	Transport
AM856286	DNA-directed RNA polymerases I, II, and III subunit (RPABC3)	Transcription
FP012155	39S ribosomal protein L1 (Mitochondrial) (MRPL1)	RNA-binding
CU990714	1-phosphatidylinositol 4,5- bisphosphate phosphodiesterase eta-2 (PLCH2)	Neural development
CX739579	Short-chain collagen C4	Unknown
CU997185	shisa-5	Apoptosis
CU990470	SUMO-conjugating enzyme UBC9-B (ube2ib)	Cell cycle, Cell division, protein sumoylation
AM861301	Kinesin KIF20B	
FP000402	Regulator of rDNA transcription protein 15 (RRT15)	Transcription regulation
FP005094	Threonylcarbamoyladenosine tRNA methylthiotransferase (CDKAL1)	tRNA processing
AM863112	Gigasins-6	Protease function
AB288344	Lysozyme 2 (Lyz2)	Lysozyme activity