

Accession Number	Gene Name	Putative biological function (source UniProt)
AM856044	Tctex1 domain-containing protein 2	Cilium assembly
CX068923	valine-rich protein Iso 4	Metabolism
CU684113	Retrograde protein of 51 kDa (RGP51)	Unknown
CU993915	Tubulin polyglutamylase complex subunit 1 (TPGS1)	Differentiation, Spermatogenesis
AJ565452	Beta-1,3-galactosyltransferase 1 (B3GALT1)	Protein glycosylation
CU996496	Glycine-rich cell wall structural protein (GRP-1)	Cell wall biogenesis/degradation
AM865428	Nucleoside-triphosphate phosphatase	DNA and RNA synthesis
FP010217	Sodium/potassium/calcium exchanger 2 (SLC24A2)	Ion transport
CU989510	Pyruvate carboxylase	Metabolism
FP002044	Sentrin-specific protease 1 (SEN1)	Ubl conjugation pathway
CU996825	Phosphatidate phosphatase (app1) Iso2	Lipid metabolism
FP002409	Glutaredoxin-like protein C5orf63 homolog	Electron transport
CX069021	IgGFC-binding protein (FcyBP) Iso2	Maintenance
FP007188	N-alpha-acetyltransferase 25, NatB auxiliary subunit (NAA25)	N-terminal peptidyl- methionine acetylation, Cell cycl progression
CU993728	Protein CLN8	Cell proliferation, metabolism
FP001871	Nuclear hormone receptor E75	DNA Binding
AM856297	Tripartite motif-containing protein 2 (TRIM2)	Ubl conjugation pathway
FP011648	Monocarboxylate transporter 2 (SLC16A7)	Symport, transport
FP002939	23S rRNA (guanine(2445)-N(2))- methyltransferase	Unknown
AM854490	EGF-like repeat and discoidin I-like domain-containing protein 3 (EDIL3)	Cell adhesion
CU996619	Zinc finger protein 593 homolog (Y56A3A.18)	ribosomal large subunit export from nucleus
AJ565497	Tubulin polymerization-promoting protein family member 3 (TPPP3)	Bind tubulin, cell proliferation, mitosis
CU681484	Hemicentin-2 (Hmcn2)	Response to stimulus
FP001130	Retinol dehydrogenase 11 (RDH11)	Retinoid metabolic process
FP009647	Solute carrier family 23 member 2 (SLC23A2)	Symport, transport
AM854697	Ectoine hydroxylase	2-oxoglutarate-dependent dioxygenase activity

CU999928	NAD(P) transhydrogenase subunit alpha (pntA)	NADPH regeneration, proton transmembrane transport
CU986550	Cytochrome P450 26A1 (CYP26A1)	Organ development, metabolism
CU994988	Protein PIF	Chitin metabolic process
FP009041	Cation-independent mannose-6-phosphate receptor (IGF2R)	Organ development, transport
CU994773	Neurensin-1 (Nrsn1)	Nervous system development
CU999098	Ribonuclease PH (Rph)	rRNA et tRNA processing
FP091108	Dopamine receptor 1 (DOP1R1)	Response to stimulus
AM861792	Dolichyl-diphosphooligosaccharide (Rpn1)	Cellular protein modification process
FP008253	Big defensin 3 (BigDef3)	Antimicrobial peptide
AM855042	Muscle M-line assembly protein unc-89	Cellular protein localization
CU684359	Valine-rich protein Iso 4	Metabolism
AM865375	FH2 domain-containing protein 1 (FHDC1)	Cillium assembly, Golgi Ribbon formation
FP009859	Pilus assembly protein PilP	Unknown
ES789253	Translation initiation factor IF-2 Iso1 (InfB)	Protein biosynthesis
FP004396	Mantle protein	Unknown
FP007080	Hydroxylamine reductase (hcp)	Hydroxylamine catalyzation
AM857383	Homeobox protein abdominal-B (abd-B)	Embryonic development, germ cell migration
CU684641	D-aspartate oxidase (DDO)	Aspartate metabolic/catabolic processes
FP005933	Ubiquitin-like modifier-activating enzyme 6 (UBA6)	Ubl conjugation pathway
AM858253	Histone RNA hairpin-binding protein (Slbp)	mRNA processing, both maternal and zygotic proteins play an essential and vital function for development
FP007567	Exosome complex component RRP46 (EXOSC5)	tRNA processing
CX069312	Retrograde protein of 51 kDa Iso2 (RGP51)	Unknown
AM863498	Tripartite motif-containing protein 3 (TRIM3)	Ubl conjugation pathway