

MIPS Funcat code	# Unigenes	Description of the matching sequence
fc..01	22	METABOLISM::
fc..01.01	22	METABOLISM::amino-acid metabolism::
fc..01.01.01	47	METABOLISM::amino-acid metabolism::amino-acid biosynthesis::
fc..01.01.01.01	15	METABOLISM::amino-acid metabolism::amino-acid biosynthesis::assimilation of ammonia, biosynthesis of the glutamate family::
fc..01.01.01.03	1	METABOLISM::amino-acid metabolism::amino-acid biosynthesis::urea cycle, biosynthesis of polyamines and creatine::
fc..01.01.01.05.02	5	METABOLISM::amino-acid metabolism::amino-acid biosynthesis::assimilatory reduction of sulfur and biosynthesis of the serine family:: :biosynthesis of the serine family (serine, cysteine, glycine)::
fc..01.01.01.07	9	METABOLISM::amino-acid metabolism::amino-acid biosynthesis::biosynthesis of the aspartate family::
fc..01.01.01.09	2	METABOLISM::amino-acid metabolism::amino-acid biosynthesis::biosynthesis of lysin::
fc..01.01.01.11	8	METABOLISM::amino-acid metabolism::amino-acid biosynthesis::biosynthesis of the aromatic family::
fc..01.01.01.13	1	METABOLISM::amino-acid metabolism::amino-acid biosynthesis::biosynthesis of histidine::
fc..01.01.04	2	METABOLISM::amino-acid metabolism::regulation of amino-acid metabolism::
fc..01.01.10	5	METABOLISM::amino-acid metabolism::amino-acid degradation (catabolism)::
fc..01.01.10.03	6	METABOLISM::amino-acid metabolism::amino-acid degradation (catabolism)::degradation of amino-acids of the aspartate-group::
fc..01.01.10.05	1	METABOLISM::amino-acid metabolism::amino-acid degradation (catabolism)::degradation of amino-acids of the cysteine-aromatic-group::
fc..01.01.99	10	METABOLISM::amino-acid metabolism::other amino-acid metabolism activities::
fc..01.02	16	METABOLISM::nitrogen and sulphur metabolism::
fc..01.02.01	11	METABOLISM::nitrogen and sulphur metabolism::nitrogen and sulphur utilization::
fc..01.02.99	6	METABOLISM::nitrogen and sulphur metabolism::other nitrogen and sulphur metabolism activities::
fc..01.03	25	METABOLISM::nucleotide metabolism::
fc..01.03.01	17	METABOLISM::nucleotide metabolism::purine-ribonucleotide metabolism::
fc..01.03.04	19	METABOLISM::nucleotide metabolism::pyrimidine-ribonucleotide metabolism::
fc..01.03.07	3	METABOLISM::nucleotide metabolism::deoxyribonucleotide metabolism::
fc..01.03.10	1	METABOLISM::nucleotide metabolism::metabolism of cyclic and unusual nucleotides::
fc..01.03.13	2	METABOLISM::nucleotide metabolism::regulation of nucleotide metabolism::
fc..01.03.16.01	3	METABOLISM::nucleotide metabolism::polynucleotide degradation::RNA degradation::
fc..01.03.19	24	METABOLISM::nucleotide metabolism::nucleotide transport::
fc..01.03.99	5	METABOLISM::nucleotide metabolism::other nucleotide-metabolism activities::
fc..01.04	4	METABOLISM::phosphate metabolism::
fc..01.04.01	12	METABOLISM::phosphate metabolism::phosphate utilization::
fc..01.04.07	10	METABOLISM::phosphate metabolism::phosphate transport::
fc..01.04.99	1	METABOLISM::phosphate metabolism::other phosphate metabolism activities::
fc..01.05	297	METABOLISM::C-compound and carbohydrate metabolism::
fc..01.05.01	111	METABOLISM::C-compound and carbohydrate metabolism::C-compound and carbohydrate utilization::
fc..01.05.01.01	69	METABOLISM::C-compound and carbohydrate metabolism::C-compound and carbohydrate utilization::C-compound, carbohydrate catabolism::
fc..01.05.01.01.01	39	METABOLISM::C-compound and carbohydrate metabolism::C-compound and carbohydrate utilization::C-compound, carbohydrate catabolism::sugar, glucoside, polyol and carboxylate catabolism::
fc..01.05.01.01.03	4	METABOLISM::C-compound and carbohydrate metabolism::C-compound and carbohydrate utilization::C-compound, carbohydrate catabolism::C-2 compound, organic acid and fatty acid catabolism::
fc..01.05.01.03	48	METABOLISM::C-compound and carbohydrate metabolism::C-compound and carbohydrate utilization::C-compound, carbohydrate anabolism::
fc..01.05.01.03.01	18	METABOLISM::C-compound and carbohydrate metabolism::C-compound and carbohydrate utilization::C-compound,

fc..01.05.01.03.03	carbohydrate anabolism::polysaccharide biosynthesis:: 3 METABOLISM::C-compound and carbohydrate metabolism::C-compound and carbohydrate utilization::C-compound, carbohydrate anabolism::aminosaccharide biosynthesis::
fc..01.05.04	6 METABOLISM::C-compound and carbohydrate metabolism::regulation of C-compound and carbohydrate utilization::
fc..01.05.07	1 METABOLISM::C-compound and carbohydrate metabolism::C-compound, carbohydrate transport::
fc..01.05.99	26 METABOLISM::C-compound and carbohydrate metabolism::other carbohydrate metabolism activities::
fc..01.06	38 METABOLISM::lipid, fatty-acid and isoprenoid metabolism::
fc..01.06.01	37 METABOLISM::lipid, fatty-acid and isoprenoid metabolism::lipid, fatty-acid and isoprenoid biosynthesis::
fc..01.06.01.01	1 METABOLISM::lipid, fatty-acid and isoprenoid metabolism::lipid, fatty-acid and isoprenoid biosynthesis::phospholipid biosynthesis::
fc..01.06.01.07	1 METABOLISM::lipid, fatty-acid and isoprenoid metabolism::lipid, fatty-acid and isoprenoid biosynthesis::isoprenoid biosynthesis::
fc..01.06.01.07.11	7 METABOLISM::lipid, fatty-acid and isoprenoid metabolism::lipid, fatty-acid and isoprenoid biosynthesis::isoprenoid biosynthesis:: :tetracyclic and pentacyclic triterpenes (steroids and hopanoids) biosynthesis::
fc..01.06.04	19 METABOLISM::lipid, fatty-acid and isoprenoid metabolism::breakdown of lipids, fatty acids and isoprenoids::
fc..01.06.07	4 METABOLISM::lipid, fatty-acid and isoprenoid metabolism::lipid, fatty-acid and isoprenoid utilization::
fc..01.06.13	2 METABOLISM::lipid, fatty-acid and isoprenoid metabolism::lipid and fatty-acid transport::
fc..01.06.99	3 METABOLISM::lipid, fatty-acid and isoprenoid metabolism::other lipid, fatty-acid and isoprenoid metabolism activities::
fc..01.07	7 METABOLISM::metabolism of vitamins, cofactors, and prosthetic groups::
fc..01.07.01	13 METABOLISM::metabolism of vitamins, cofactors, and prosthetic groups::biosynthesis of vitamins, cofactors, and prosthetic groups::
fc..01.07.04	3 METABOLISM::metabolism of vitamins, cofactors, and prosthetic groups::utilization of vitamins, cofactors, and prosthetic groups::
fc..01.20	46 METABOLISM::secondary metabolism::
fc..01.20.01	13 METABOLISM::secondary metabolism::metabolism of primary metabolic sugars derivatives::
fc..01.20.01.01	1 METABOLISM::secondary metabolism::metabolism of primary metabolic sugars derivatives::biosynthesis of secondary monosaccharides::
fc..01.20.01.07	13 METABOLISM::secondary metabolism::metabolism of primary metabolic sugars derivatives::biosynthesis of glycosides::
fc..01.20.13	12 METABOLISM::secondary metabolism::biosynthesis of derivatives of homoisopentenyl pyrophosphate::
fc..01.20.17.01	9 METABOLISM::secondary metabolism::biosynthesis of secondary products derived from primary amino acids: :biosynthesis of nonprotein amino acids::
fc..01.20.17.03	1 METABOLISM::secondary metabolism::biosynthesis of secondary products derived from primary amino acids::biosynthesis of amines::
fc..01.20.17.07	9 METABOLISM::secondary metabolism::biosynthesis of secondary products derived from primary amino acids: :biosynthesis of glucosinolates and derivatives::
fc..01.20.23	5 METABOLISM::secondary metabolism::biosynthesis of L-Methionine derived secondary products::
fc..01.20.33	2 METABOLISM::secondary metabolism::biosynthesis of secondary products build from L-tryptophan::
fc..01.20.35	50 METABOLISM::secondary metabolism::biosynthesis of secondary products derived from L-phenylalanine and L-tyrosine (Phenylpropanoids)::
fc..01.20.35.05	12 METABOLISM::secondary metabolism::biosynthesis of secondary products derived from L-phenylalanine and L-tyrosine (Phenylpropanoids)::biosynthesis of stilbenes, flavonoids::
fc..01.20.99	18 METABOLISM::secondary metabolism::other secondary metabolism activities::
fc..02	13 ENERGY::
fc..02.01	121 ENERGY::glycolysis and gluconeogenesis::
fc..02.07	12 ENERGY::pentose-phosphate pathway::
fc..02.10	65 ENERGY::tricarboxylic-acid pathway::
fc..02.11	6 ENERGY::electron transport and membrane-associated energy conservation::
fc..02.11.01	19 ENERGY::electron transport and membrane-associated energy conservation::electron transport proteins::
fc..02.11.03	11 ENERGY::electron transport and membrane-associated energy conservation::ATP synthesis proteins::
fc..02.11.05	17 ENERGY::electron transport and membrane-associated energy conservation: :accessory proteins of electron transport and membrane-associated energy conservation::
fc..02.13	16 ENERGY::respiration::
fc..02.13.01	1 ENERGY::respiration::anaerobic respiration::
fc..02.13.03	8 ENERGY::respiration::aerobic respiration::

fc..02.16	10 ENERGY::fermentation::
fc..02.16.01	2 ENERGY::fermentation::alcohol fermentation::
fc..02.19	18 ENERGY::metabolism of energy reserves (glycogen, trehalose)::
fc..02.22	5 ENERGY::glyoxylate cycle::
fc..02.25	3 ENERGY::oxidation of fatty acids::
fc..02.30	48 ENERGY::photosynthesis::
fc..02.30.01	5 ENERGY::photosynthesis::electron transport proteins of photosynthesis::
fc..02.99	34 ENERGY::other energy generation activities::
fc..03.01	1 CELL GROWTH, CELL DIVISION AND DNA SYNTHESIS::cell growth::
fc..03.04	1 CELL GROWTH, CELL DIVISION AND DNA SYNTHESIS::budding, cell polarity and filament formation::
fc..03.13	5 CELL GROWTH, CELL DIVISION AND DNA SYNTHESIS::meiosis::
fc..03.16	48 CELL GROWTH, CELL DIVISION AND DNA SYNTHESIS::DNA synthesis and replication::
fc..03.19	26 CELL GROWTH, CELL DIVISION AND DNA SYNTHESIS::recombination and DNA repair::
fc..03.22	108 CELL GROWTH, CELL DIVISION AND DNA SYNTHESIS::cell cycle control and mitosis::
fc..03.22.01	14 CELL GROWTH, CELL DIVISION AND DNA SYNTHESIS::cell cycle control and mitosis::cell cycle check point proteins::
fc..03.25	11 CELL GROWTH, CELL DIVISION AND DNA SYNTHESIS::cytokinesis::
fc..03.26	23 CELL GROWTH, CELL DIVISION AND DNA SYNTHESIS::growth regulators::
fc..03.99	17 CELL GROWTH, CELL DIVISION AND DNA SYNTHESIS::other cell growth, cell division and DNA synthesis activities::
fc..04	40 TRANSCRIPTION::
fc..04.01	4 TRANSCRIPTION::rRNA transcription::
fc..04.01.01	2 TRANSCRIPTION::rRNA transcription::rRNA synthesis::
fc..04.01.04	27 TRANSCRIPTION::rRNA transcription::rRNA processing::
fc..04.01.99	14 TRANSCRIPTION::rRNA transcription::other rRNA-transcription activities::
fc..04.03	2 TRANSCRIPTION::tRNA transcription::
fc..04.03.01	6 TRANSCRIPTION::tRNA transcription::tRNA synthesis::
fc..04.03.06	1 TRANSCRIPTION::tRNA transcription::tRNA modification::
fc..04.05	38 TRANSCRIPTION::mRNA transcription::
fc..04.05.01	11 TRANSCRIPTION::mRNA transcription::mRNA synthesis::
fc..04.05.01.01	32 TRANSCRIPTION::mRNA transcription::mRNA synthesis::general transcription activities::
fc..04.05.01.04	235 TRANSCRIPTION::mRNA transcription::mRNA synthesis::transcriptional control::
fc..04.05.01.07	18 TRANSCRIPTION::mRNA transcription::mRNA synthesis::chromatin modification::
fc..04.05.03	64 TRANSCRIPTION::mRNA transcription::mRNA processing (splicing)::
fc..04.05.05	23 TRANSCRIPTION::mRNA transcription::mRNA processing (5', 3'-end processing, mRNA degradation)::
fc..04.05.99	34 TRANSCRIPTION::mRNA transcription::other mRNA-transcription activities::
fc..04.07	10 TRANSCRIPTION::RNA transport::
fc..04.99	26 TRANSCRIPTION::other transcription activities::
fc..05	19 PROTEIN SYNTHESIS::
fc..05.01	134 PROTEIN SYNTHESIS::ribosomal proteins::
fc..05.04	90 PROTEIN SYNTHESIS::translation::
fc..05.07	62 PROTEIN SYNTHESIS::translational control::
fc..05.10	23 PROTEIN SYNTHESIS::tRNA-synthetases::
fc..05.99	20 PROTEIN SYNTHESIS::other protein-synthesis activities::
fc..06.01	56 PROTEIN DESTINATION::protein folding and stabilization::
fc..06.04	99 PROTEIN DESTINATION::protein targeting, sorting and translocation::
fc..06.07	80 PROTEIN DESTINATION::protein modification::
fc..06.10	20 PROTEIN DESTINATION::assembly of protein complexes::
fc..06.13	125 PROTEIN DESTINATION::proteolysis::
fc..06.13.01	56 PROTEIN DESTINATION::proteolysis::cytoplasmic and nuclear degradation::

fc..06.13.04	12	PROTEIN DESTINATION::proteolysis::lysosomal and vacuolar degradation::
fc..06.13.07	21	PROTEIN DESTINATION::proteolysis::other proteolytic degradation::
fc..06.20	16	PROTEIN DESTINATION::storage proteins::
fc..06.99	16	PROTEIN DESTINATION::other protein-destination activities::
fc..07	35	TRANSPORT FACILITATION::
fc..07.01	6	TRANSPORT FACILITATION::channels/pores::
fc..07.01.01	8	TRANSPORT FACILITATION::channels/pores::ion channels::
fc..07.04	16	TRANSPORT FACILITATION::ion transporters::
fc..07.04.01	4	TRANSPORT FACILITATION::ion transporters::metal ion transporters (Cu, Fe, etc.)::
fc..07.04.04	37	TRANSPORT FACILITATION::ion transporters::other cation transporters (Na, K, Ca, NH4, etc.)::
fc..07.04.07	11	TRANSPORT FACILITATION::ion transporters::anion transporters (Cl, SO4, PO4, etc.)::
fc..07.07	34	TRANSPORT FACILITATION::C-compound and carbohydrate transporters::
fc..07.07.01	3	TRANSPORT FACILITATION::C-compound and carbohydrate transporters::phosphotransferase systems::
fc..07.10	3	TRANSPORT FACILITATION::amino-acid transporters::
fc..07.11	2	TRANSPORT FACILITATION::peptide-transporters::
fc..07.13	5	TRANSPORT FACILITATION::lipid transporters::
fc..07.16	15	TRANSPORT FACILITATION::purine and pyrimidine transporters::
fc..07.22	37	TRANSPORT FACILITATION::transport ATPases::
fc..07.25	8	TRANSPORT FACILITATION::ABC transporters::
fc..07.28	1	TRANSPORT FACILITATION::drug transporters::
fc..07.99	68	TRANSPORT FACILITATION::other transport facilitators::
fc..08	21	CELLULAR TRANSPORT AND TRANSPORTMECHANISMS::
fc..08.01	22	CELLULAR TRANSPORT AND TRANSPORTMECHANISMS::nuclear transport::
fc..08.02	25	CELLULAR TRANSPORT AND TRANSPORTMECHANISMS::chloroplast transport::
fc..08.04	27	CELLULAR TRANSPORT AND TRANSPORTMECHANISMS::mitochondrial transport::
fc..08.07	62	CELLULAR TRANSPORT AND TRANSPORTMECHANISMS::vesicular transport (Golgi network, etc.)::
fc..08.10	22	CELLULAR TRANSPORT AND TRANSPORTMECHANISMS::peroxisomal transport::
fc..08.13	33	CELLULAR TRANSPORT AND TRANSPORTMECHANISMS::vacuolar transport::
fc..08.16	14	CELLULAR TRANSPORT AND TRANSPORTMECHANISMS::extracellular transport (secretion)::
fc..08.22	27	CELLULAR TRANSPORT AND TRANSPORTMECHANISMS::cytoskeleton-dependent transport::
fc..08.25.03.01	2	CELLULAR TRANSPORT AND TRANSPORTMECHANISMS::transport mechanism::symporters::proton driven symporter::
fc..08.99	20	CELLULAR TRANSPORT AND TRANSPORTMECHANISMS::other intracellular-transport activities::
fc..09.01	100	CELLULAR BIOGENESIS (proteins are not localized to the corresponding organelle)::biogenesis of cell wall (cell envelope)::
fc..09.02	8	CELLULAR BIOGENESIS (proteins are not localized to the corresponding organelle)::biogenesis of plasma membrane::
fc..09.03	4	CELLULAR BIOGENESIS (proteins are not localized to the corresponding organelle)::biogenesis of cytoplasm::
fc..09.04	29	CELLULAR BIOGENESIS (proteins are not localized to the corresponding organelle)::biogenesis of cytoskeleton::
fc..09.08	5	CELLULAR BIOGENESIS (proteins are not localized to the corresponding organelle)::biogenesis of Golgi::
fc..09.09	1	CELLULAR BIOGENESIS (proteins are not localized to the corresponding organelle)::biogenesis of intracellular transport vesicles::
fc..09.10	6	CELLULAR BIOGENESIS (proteins are not localized to the corresponding organelle)::nuclear biogenesis::
fc..09.13	24	CELLULAR BIOGENESIS (proteins are not localized to the corresponding organelle)::biogenesis of chromosome structure::
fc..09.16	7	CELLULAR BIOGENESIS (proteins are not localized to the corresponding organelle)::mitochondrial biogenesis::
fc..09.25	2	CELLULAR BIOGENESIS (proteins are not localized to the corresponding organelle)::vacuolar and lysosomal biogenesis::
fc..09.26	16	CELLULAR BIOGENESIS (proteins are not localized to the corresponding organelle)::chloroplast biogenesis::
fc..10	13	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::
fc..10.01	7	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::
fc..10.01.01	168	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::unspecified signal transduction::
fc..10.01.01.01	94	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::unspecified signal transduction::receptor proteins::
fc..10.01.01.03	2	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::unspecified signal transduction::

		:second messenger formation::
fc..10.01.01.05	3	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::unspecified signal transduction::mediator proteins::
fc..10.01.01.07	42	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::unspecified signal transduction::G-proteins::
fc..10.01.01.09	3	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::unspecified signal transduction:: :regulation of G-protein activity::
fc..10.01.01.11	151	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::unspecified signal transduction::key kinases::
fc..10.01.01.13	47	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::unspecified signal transduction:: :key phosphatases::
fc..10.01.01.15	3	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::unspecified signal transduction:: :two-component signal transduction::
fc..10.01.01.99	54	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::unspecified signal transduction:: :other unspecified signal transduction activities::
fc..10.01.05	31	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::morphogenesis::
fc..10.01.05.01	38	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::morphogenesis::receptor proteins::
fc..10.01.05.11	39	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::morphogenesis::key kinases::
fc..10.01.05.99	12	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::morphogenesis::other morphogenetic activities::
fc..10.01.10	1	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::osmosensing::
fc..10.01.10.11	22	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::osmosensing::key kinases::
fc..10.01.99	12	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intracellular communication::other signal-transduction activities::
fc..10.05	5	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intercellular communication::
fc..10.05.03	47	CELLULAR COMMUNICATION/SIGNAL TRANSDUCTION::intercellular communication::hormones::
fc..11	7	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::
fc..11.01	173	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::stress response::
fc..11.04	13	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::DNA repair::
fc..11.04.01	1	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::DNA repair::nucleotide excision repair::
fc..11.05	37	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::Disease, virulence and defense::
fc..11.05.01	43	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::Disease, virulence and defense::resistance proteins::
fc..11.05.03	48	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::Disease, virulence and defense::defense related proteins::
fc..11.05.99	1	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::Disease, virulence and defense::other disease and defense related proteins::
fc..11.07	22	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::detoxification::
fc..11.07.01	10	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::detoxification::detoxification involving cytochrome P450::
fc..11.07.03	24	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::detoxification::detoxification by modification::
fc..11.07.99	12	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::detoxification::other detoxification::
fc..11.10	6	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::cell death::
fc..11.11	7	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::ageing::
fc..11.19	4	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::degradation of exogenous ester compounds::
fc..11.99	5	CELL RESCUE, DEFENSE, CELL DEATH AND AGEING::other cell rescue activities::
fc..13	2	IONIC HOMEOSTASIS::
fc..30	6	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::
fc..30.01	30	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::organization of cell wall::
fc..30.02	61	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::organization of plasma membrane::
fc..30.03	45	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::organization of cytoplasm::
fc..30.04	66	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::organization of cytoskeleton::
fc..30.05	1	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::organization of centrosome::
fc..30.07	3	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::organization of endoplasmic reticulum::
fc..30.08	16	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::organization of Golgi::
fc..30.09	2	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::organization of intracellular transport vesicles::
fc..30.10	173	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::nuclear organization::

fc..30.13	47	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::organization of chromosome structure::
fc..30.16	82	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::mitochondrial organization::
fc..30.19	2	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::peroxisomal organization::
fc..30.25	21	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::vacuolar and lysosomal organization::
fc..30.26	147	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::chloroplast organization::
fc..30.90	3	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::extracellular/secretion proteins::
fc..30.99	1	CELLULAR ORGANIZATION (proteins are localized to the corresponding organelle)::other cellular organization::
fc..35.02	2	MOTILITY::phototaxis::
fc..50	6	DEVELOPMENT::
fc..50.02	11	DEVELOPMENT::development of eukaryotes::
fc..50.02.02	109	DEVELOPMENT::development of eukaryotes::plants::
fc..90	25	TRANSPOSABLE ELEMENTS, VIRAL AND PLASMID PROTEINS::
fc..90.01	18	TRANSPOSABLE ELEMENTS, VIRAL AND PLASMID PROTEINS::LTR retroelements (retroviral)::
fc..90.02	11	TRANSPOSABLE ELEMENTS, VIRAL AND PLASMID PROTEINS::non-LTR retroelements::
fc..90.99	11	TRANSPOSABLE ELEMENTS, VIRAL AND PLASMID PROTEINS::other transposable elements, viral and plasmid proteins::
fc..98	666	CLASSIFICATION NOT YET CLEAR-CUT::
fc..99	1344	UNCLASSIFIED PROTEINS::