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ontology: BP
                                                                                                                                               protein targeting to ER
                                                                           establishment of protein localization to endoplasmic reficulum
                                                                                                     nucleoside monophosphate metabolic process
                                                                                              ribonucleoside monophosphate metabolic process-
ATP metabolic process-
                                                                        ATP synthesis coupled electron transport-
SRP-dependent cotranslational protein targeting to membrane
oxidative phosphorylation-
                                                                                 cotranslational protein targeting to membrane purine ribonucleoside monophosphate metabolic process ribonucleoside triphosphate metabolic process purine nucleoside monophosphate metabolic process mitochondrial ATP synthesis coupled electron transport purine ribonucleoside triphosphate metabolic process
                                                                                                                         respiratory electron transport chain-
                                                                                               protein targeting to membrane-
protein localization to endoplasmic reticulum-
nucleoside triphosphate metabolic process-
purine nucleoside triphosphate metabolic process-
establishment of protein localization to membrane-
                                                      nuclear-transcribed mRNA catabolic process, nonsense-mediated decay
                                                                                                          protein targeting inner mitochondrial membrane organization
                                                                                                                                                                  cornification-
                                                                                                              mitochondrial membrane organization
ATP biosynthetic process
cellular response to tumor necrosis factor
                                                                                                                                                                keratinization + •
                                                                                          ribonucleoside monophosphate biosynthetic process
                                                                                                                                             electron transport chain-
                                                                                                                            response to tumor necrosis factor
                                                                                                                 regulation of receptor activity hydrogen ion transmembrane transport viral transcription
                                                                                                                                                 translational initiation-
                                                                                        mitochondrial ATP synthesis coupled proton transport-
ribonucleoside triphosphate biosynthetic process-
nucleoside monophosphate biosynthetic process-
linoleic acid metabolic process-
                                                                                                        nucleoside triphosphate biosynthetic process
                                                                                    purine ribonucleoside triphosphate biosynthetic process-
gene silencing by miRNA-
posttranscriptional gene silencing by RNA-
posttranscriptional gene silencing
                                                                                                                                              gene silencing by RNA
                                                                                      regulation of gene expression, epigenetic-
negative regulation of translation
negative regulation of cellular amide metabolic process
                                                                                                                                              regulation of translation
                                                             detection of chemical stimulus involved in sensory perception of smell-
                                                                           detection of chemical stimulus involved in sensory perception sensory perception of smell-
                                                                                            sensory perception of chemical stimulus detection of stimulus involved in sensory perception detection of chemical stimulus miRNA mediated inhibition of translation negative regulation of translation, ncRNA-mediated
                                                                                                            regulation of translation, ncRNA-mediated
                                                                                                                                                   detection of stimujus
                                                               homophilic cell adhesion via plasma membrane adhesion molecules mRNA processing
                                                                                                                                                                RNA splicing
                                    RNA splicing, via transesterification reactions RNA splicing, via transesterification reactions with bulged adenosine as nucleophile
                                                                                                                              mRNA splicing, via spliceosome spliceosomal complex assembly
                                                                                                                    ribonucleoprotein complex assembly ribonucleoprotein complex biogenesis histone modification regulation of RNA splicing RNA localization
                                                                                                                       ribonucleoprotein complex assembly
                                                                                                    ribonucleoprotein complex assembly ribonucleoprotein complex export from nucleus regulation of mRNA processing ribonucleoprotein complex localization regulation of mRNA metabolic process
                                                                                                    ribonucleoprotein complex subunit organization-
establishment of RNA localization-
RNA catabolic process-
                                                                                                                                                 mRNA transport-
nucleic acid transport-
RNA transport-
                                                                                                       RNA export from nucleus nuclear-transcribed mRNA catabolic process
                                                                                                                                       histone methylation-
mRNA export from nucleus-
                                                                   mRNA-containing ribonucleoprotein complex export from nucleus regulation of mRNA splicing, via spliceosome mRNA catabolic process peptidyl-lysine modification RNA 3'-end processing
                                                                                                                                      mRNA splice site selection macromolecule methylation
                                                                                                                    mRNA 3'-end processing proteasomal protein catabolic process
                                                                                                         nucleobase-containing compound transport
                                                                                                                                      methylation-
protein export from nucleus-
protein methylation-
                                                                                                  negative regulation of mRNA metabolic process
                                                                                                                                           multi-organism transport-
                                                                                                                                       multi-organism localization-
histone lysine methylation-
                                                                                                               nuclear export-
DNA-templated transcription, elongation-
                                                             proteasome–mediated ubiquitin–dependent protein catabolic processing transport of virus
                                                                                                               viral gene expression negative regulation of mRNA processing
                                                                                          nucleobase–containing compound catabolic process-
tricarboxylic acid cycle-
Golgi vesicle transport-
                                                                                                                                                                                                          p.adjust
                                                                                                                                                       cytosolic transport
                                                                                                                         protein polyubiquitination negative regulation of RNA splicing
                                                                                                                                                  RNA polyadenylation
                                                                                 nucléar transport-
transcription elongation from RNA polymerase II promoter-
                                                                                                                                                     protein sumovlation
                                                                                                                                                                                                           GeneRatio
                                                                                                                                   intracellular transport of virus
                                                                                                                                     nucleocytoplasmic transport
                                                                                                                       endomembrane system organization peptidyl-lysine methylation
                                                                                                                                                   endosomal transport
                                                                                                              DNA-templated transcription, termination-
mRNA polyadenylation-
                                                                                                                                           protein deubiquitination-
citrate metabolic process-
                                                                          protein modification by small protein removal-
positive regulation of DNA-templated transcription, elongation
                                                                                                                               rRNA metabolic process clathrin-dependent endocytosis
                                                                                                                                                   ribosome biogenesis
                                                                                                     termination of RNA polymerase II transcription-
regulation of chromosome organization-
                                                                                                   positive regulation of chromosome organization
                                                                                                                             protein localization to membrane
                                                                                                                                                                    autophagy
                                            process utilizing autophagic mechanism positive regulation of transcription elongation from RNA polymerase II promoter
                                                                                                                                                         macroautophagy
                                                          post–Golgi vesicle–mediated transport-
regulation of transcription elongation from RNA polymerase II promoter-
                                                                                                                                            tRNA metabolic process-
protein deglycosylation-
                                           alternative mRNA splicing, via spliceosome nuclear–transcribed mRNA catabolic process, deadenylation–dependent decay regulation of telomere maintenance tricarboxylic acid metabolic process histone H3–K4 methylation
                                                                                                 cellular response to nerve growth factor stimulus response to endoplasmic reticulum stress
                                                                                       negative regulation of mRNA splicing, via spliceosome
                                                                                                                                                              protein folding
                                                                                                                                                   nucleus organization
                                                                                        regulation of DNA-templated transcription, elongation activation of protein kinase activity
                                                                                                                           positive regulation of RNA splicing
                                                                                                                        regulation of chromatin organization
                                                                                                                                       cofactor metabolic process regulation of autophagy
                                                                                                                                                   vacuole organization-
                                                                                                                              regulation of histone methylation
                                                                                                                                                   ncRNA transcription-
                                                                                               neuron projection organization-
rRNA processing-
positive regulation of dendritic spine development-
regulation of ATPase activity-
                                                                                                                                      dendritic spine organization
                                                                                                                         endoplasmic reticulum organization
                                                                            nuclear-transcribed mRNA catabolic process, exonucleolytic
                                                                                cytoplasmic pattern recognition receptor signaling pathway
                                                                                                                                             membrane disassembly
                                                                                                                                  nuclear envelope disassembly
                                                                                                                                   coenzyme metabolic process
                                                                        vesicle-mediated transport between endosomal compartments
                                            global genome nucleotide-excision repair-
Ras protein signal transduction-
protein ubiquitination involved in ubiquitin-dependent protein catabolic process-
                                                                                                      chaperone-mediated protein folding-
regulation of cellular protein catabolic process-
RNA modification-
                                                                                                                                                            hippo signaling
                                                                                                          early endosome to late endosome transport
                                                                                                            regulation of receptor biosynthetic process-
response to nerve growth factor-
macromolecular complex disassembly-
                                                                                                                                             'de novo' protein folding
tRNA transport
                                                                                    branched-chain amino acid catabolic process-
nuclear-transcribed mRNA poly(A) tail shortening-
regulation of alternative mRNA splicing, via spliceosome
                                                                                                                                                       Golgi organization
                                                                                                                             autophagosome organization-
regulation of histone modification-
                                                                                                                  ER to Gŏlgi vesicle-mediated transport-
chromatin remodeling-
                                                                                                                                                  histone deacetylation
tRNA export from nucleus exonucleolytic nuclear-transcribed mRNA catabolic process involved in deadenylation-dependent decay
                                                                     tRNA-containing ribonucleoprotein complex export from nucleus developmental cell growth
                                                                                              nucleotide–excision repair, DNA duplex unwinding mitotic sister chromatid cohesion
                                                                                                                                   autophagosome assembly activation of MAPKKK activity
                                                                                 positive regulation of mRNA splicing, via spliceosome-
phosphorylation of RNA polymerase II C-terminal domain-
dendritic spine maintenance-
                                                                                                                                               nucleosome assembly chromatin assembly
                                                                                                                        nucleosome organization-
chromatin assembly or disassembly-
DNA packaging-
                                                                                                                                     chromatin silencing chromatin silencing at rDNA
                 chromatin silencing at rDNA-
protein–DNA complex assembly-
negative regulation of gene expression, epigenetic-
detection of chemical stimulus involved in sensory perception of bitter taste-
DNA replication–dependent nucleosome assembly-
DNA replication–dependent nucleosome organization-
protein–DNA complex subunit organization-
detection of chemical stimulus involved in sensory perception of taste-
G-protein coupled receptor signaling pathway, coupled to cyclic nucleotide second messenger-
sensory perception of bitter taste-
adenylate cyclase–modulating G-protein coupled receptor signaling pathway-
DNA conformation change-
protein heterotetramerization-
                                                                                                                                    protein heterotetramerizațion
                                                                                    regulation of myeloid cell differentiation serotonin receptor signaling pathway. G-protein coupled serotonin receptor signaling pathway.
                                                                                                            regulation of megakaryocyte differentiation sensory perception of taste
                                                   positive regulation of gene expression, epigenetic adenylate cyclase-inhibiting G-protein coupled receptor signaling pathway
                                                                                                                                   megakaryocyte differentiation-
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0.04

0.03 0.02

0.01

0.05

0.10 0.15

0.20

0.01



