catalytic activity, acting on a nucleic acid catalytic activity small molecule binding nucleotide binding nucleoside phosphate binding heterocyclic compound binding organic cyclic compound binding anion binding purine nucleotide binding catalytic activity, acting on RNA ribonucleotide binding carbohydrate derivative binding catalytic activity, acting on a tRNA purine ribonucleotide binding oxidoreductase activity purine ribonucleoside triphosphate binding adenyl nucleotide binding ligase activity, forming carbon-oxygen bonds aminoacyl-tRNA ligase activity isomerase activity helicase activity cysteine-type deubiquitinase activity ubiquitin-like protein peptidase activity deubiquitinase activity adenyl ribonucleotide binding ion binding ATP binding oxidoreductase activity, acting on single donors with incorporation of molecular oxygen oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen intramolecular oxidoreductase activity protein serine/threonine kinase activity nucleic acid binding molecular function activator activity enzyme binding GTP binding guanyl ribonucleotide binding ATP-dependent activity protein heterodimerization activity dioxygenase activity ligase activity oxidoreductase activity, acting on the CH-CH group of donors oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor RNA binding nucleoside-triphosphatase regulator activity GTPase regulator activity intramolecular transferase activity ATP-dependent activity, acting on DNA guanyl nucleotide binding NAD binding carbon-carbon lyase activity aspartic-type endopeptidase activity aspartic-type peptidase activity oxidoreductase activity, acting on CH-OH group of donors molecular function regulator activity RNA methyltransferase activity enzyme regulator activity cytoplasm intracellular anatomical structure protein-containing complex intracellular organelle organelle intracellular membrane-bounded organelle membrane-bounded organelle organelle membrane membrane protein complex endomembrane system catalytic complex nuclear protein-containing complex endoplasmic reticulum spliceosomal complex endoplasmic reticulum subcompartment endoplasmic reticulum membrane mitochondrial protein-containing complex nuclear outer membrane-endoplasmic reticulum membrane network RNA polymerase II transcription regulator complex mitochondrion chromosome transferase complex organelle subcompartment nuclear DNA-directed RNA polymerase complex DNA-directed RNA polymerase complex oxidoreductase complex RNA polymerase complex transcription regulator complex mitochondrial inner membrane organelle inner membrane RNA polymerase II, holoenzyme mediator complex inner mitochondrial membrane protein complex mitochondrial membrane regulation of phosphate metabolic process regulation of phosphorus metabolic process amino acid metabolic process small molecule metabolic process organic acid metabolic process mitotic cell cycle process regulation of phosphorylation carboxylic acid metabolic process oxoacid metabolic process protein localization to organelle cell cycle mitotic cell cycle regulation of protein modification process cellular localization organelle organization tRNA metabolic process amino acid activation tRNA aminoacylation tRNA aminoacylation for protein translation negative regulation of mitotic cell cycle mitotic cell cycle checkpoint signaling cellular macromolecule localization protein localization ncRNA metabolic process regulation of protein metabolic process obsolete oxidation-reduction process macromolecule localization establishment of protein localization chromosome organization cell cycle process chromosome segregation protein deubiquitination protein modification by small protein removal cellular component organization vesicle-mediated transport protein transport mitotic nuclear division sister chromatid segregation mitotic sister chromatid segregation establishment of protein localization to organelle nuclear division nuclear chromosome segregation regulation of cell cycle intracellular transport negative regulation of organelle organization negative regulation of cellular component organization establishment of localization in cell mRNA metabolic process regulation of catalytic activity cellular component organization or biogenesis cell cycle checkpoint signaling regulation of mitotic cell cycle negative regulation of cell cycle phase transition regulation of transcription by RNA polymerase II Golgi vesicle transport organelle fission RNA processing organic substance transport negative regulation of cell cycle process negative regulation of cell cycle transcription by RNA polymerase II mRNA processing nitrogen compound transport organic cyclic compound metabolic process cellular metabolic process cellular catabolic process actin filament-based process actin cytoskeleton organization intracellular protein transport cytoskeleton organization regulation of organelle organization cellular aromatic compound metabolic process protein folding cellular process nucleobase-containing compound metabolic process regulation of molecular function protein modification by small protein conjugation or removal cellular macromolecule metabolic process tRNA modification regulation of cell cycle process actin filament organization regulation of cellular component organization Molecular function heterocycle metabolic process Cellular component localization within membrane Biological process nucleic acid metabolic process