

ligase activity, GO:0016874

- fatty acid metabolic process, GO:0006631
- cellular protein modification process, GO:0006464
- protein K48-linked ubiquitination, GO:0070936
- fatty acid biosynthetic process, GO:0006633
- tRNA aminoacylation for protein translation, GO:0006418
- regulation of protein stability, GO:0031647
- liver development, GO:0001889
- aminoacyl-tRNA ligase activity, GO:0004812
- response to nutrient, GO:0007584
- cellular amino acid biosynthetic process, GO:0008652
- tricarboxylic acid cycle, GO:0006099
- protein monoubiquitination, GO:0006513
- purine nucleotide biosynthetic process, GO:0006164
- dendritic spine development, GO:0060996
- hydrolase activity, GO:0016810
- branched-chain amino acid catabolic process, GO:0009083
- biotin metabolic process, GO:0006768
- protein neddylation, GO:0045116
- cellular response to fibroblast growth factor stimulus, GO:0044344
- cellular amino acid metabolic process, GO:0006520
- nitrogen compound metabolic process, GO:0006807
- protein catabolic process, GO:0030163
- organelle membrane, GO:0031090
- glutamine metabolic process, GO:0006541
- long-chain fatty-acyl-CoA biosynthetic process, GO:0035338
- axoneme assembly, GO:0035082
- purine nucleobase biosynthetic process, GO:0009113
- aminoacyl-tRNA synthetase multienzyme complex, GO:0017101
- cofactor binding, GO:0048037
- tRNA aminoacylation, GO:0043039
- long-chain fatty acid metabolic process, GO:0001676
- purine ribonucleoside monophosphate biosynthetic process, GO:0009168
- positive regulation of cellular protein catabolic process, GO:1903364
- glutamate metabolic process, GO:0006536
- coenzyme binding, GO:0050662
- folic acid metabolic process, GO:0046655
- tRNA-splicing ligase complex, GO:0072669
- 'de novo' IMP biosynthetic process, GO:0006189
- AMP binding, GO:0016208
- ligase activity, GO:0016876
- phosphate ion binding, GO:0042301
- lipid biosynthetic process, GO:0008610
- bile acid biosynthetic process, GO:0006699
- fatty-acyl-CoA biosynthetic process, GO:0046949
- tubulin-glutamic acid ligase activity, GO:0070740
- rough endoplasmic reticulum membrane, GO:0030867
- decanoate--CoA ligase activity, GO:0102391
- energy homeostasis, GO:0097009
- triglyceride metabolic process, GO:0006641
- positive regulation of glial cell proliferation, GO:0060252
- ER overload response, GO:0006983
- pyrimidine nucleotide biosynthetic process, GO:0006221
- motor neuron axon guidance, GO:0008045
- long-chain fatty acid-CoA ligase activity, GO:0004467
- L-ascorbic acid metabolic process, GO:0019852
- ethanol oxidation, GO:0006069
- regulation of cilium assembly, GO:1902017
- modification-dependent protein catabolic process, GO:0019941
- response to starvation, GO:0042594
- nucleophagy, GO:0044804
- protein ufmylation, GO:0071569
- NEDD8 transferase activity, GO:0019788
- fatty acid transport, GO:0015908
- response to steroid hormone, GO:0048545
- cardiolipin biosynthetic process, GO:0032049
- glutathione biosynthetic process, GO:0006750
- cerebellar Purkinje cell layer development, GO:0021680
- neuromuscular process, GO:0050905
- atrioventricular valve morphogenesis, GO:0003181
- very long-chain fatty acid metabolic process, GO:0000038
- cellular response to leucine, GO:0071233
- coenzyme biosynthetic process, GO:0009108
- ribonucleoside monophosphate biosynthetic process, GO:0009156
- tetrahydrofolate biosynthetic process, GO:0046654
- regulation of ER to Golgi vesicle-mediated transport, GO:0060628
- phenylalanine-tRNA ligase activity, GO:0004826
- acetyl-CoA biosynthetic process, GO:0006085
- cellular response to leucine starvation, GO:1990253
- positive regulation of macrophage chemotaxis, GO:0010759
- positive regulation of cellular metabolic process, GO:0031325
- ISG15-protein conjugation, GO:0032020
- aspartate metabolic process, GO:0006531
- positive regulation of mitotic metaphase/anaphase transition, GO:0045842
- cellular response to hepatocyte growth factor stimulus, GO:0035729
- protein lipoylation, GO:0009249
- cellular response to testosterone stimulus, GO:0071394
- cardiac septum morphogenesis, GO:0060411