共有的

proton motive force-driven ATP synthesis

proton motive force-driven mitochondrial ATP synthesis

ATP biosynthetic process

ATP metabolic process

purine ribonucleoside triphosphate biosynthetic process

purine nucleoside triphosphate biosynthetic process

ribonucleoside triphosphate biosynthetic process

oxidative phosphorylation

purine ribonucleoside triphosphate metabolic process

purine nucleoside triphosphate metabolic process

nucleoside triphosphate biosynthetic process

ribonucleoside triphosphate metabolic process

nucleoside triphosphate metabolic process

aerobic respiration

cellular respiration

proton transmembrane transport

cytoplasmic translation

purine ribonucleotide biosynthetic process

purine-containing compound biosynthetic process

ribonucleotide biosynthetic process

energy derivation by oxidation of organic compounds

ribose phosphate biosynthetic process

purine nucleotide biosynthetic process

purine ribonucleotide metabolic process

mitochondrial proton-transporting ATP synthase complex

proton-transporting ATP synthase complex

proton-transporting two-sector ATPase complex

septin ring

septin complex

inner mitochondrial membrane protein complex

septin cytoskeleton

proton-transporting two-sector ATPase complex, proton-transporting domain

proton-transporting ATP synthase complex, coupling factor F(o)

proton-transporting two-sector ATPase complex, catalytic domain

cytosolic ribosome

mitochondrial proton-transporting ATP synthase complex, coupling factor F(o)

cytosolic large ribosomal subunit

mitochondrial protein-containing complex

proton-transporting ATP synthase activity, rotational mechanism

proton channel activity

proton transmembrane transporter activity

ASD特有的

cell division site

ligase activity

Seizure特有的

aerobic electron transport chain

respiratory electron transport chain

electron transport chain

NADH dehydrogenase complex assembly

mitochondrial respiratory chain complex I assembly

mitochondrial electron transport, NADH to ubiquinone

mitochondrial electron transport, cytochrome c to oxygen

mitochondrial respiratory chain complex assembly

regulation of isotype switching

cellular response to metal ion

cellular response to inorganic substance

positive regulation of B cell mediated immunity

positive regulation of immunoglobulin mediated immune response

synapse organization

synapse assembly

nuclear-transcribed mRNA poly(A) tail shortening

cellular response to calcium ion

positive regulation of calcium ion transmembrane transporter activity

positive regulation of transporter activity

regulation of cysteine-type endopeptidase activity

calcium-mediated signaling

nuclear-transcribed mRNA catabolic process, deadenylation-dependent decay

positive regulation of ion transmembrane transporter activity

regulation of double-strand break repair via nonhomologous end joining

mitochondrial electron transport, ubiquinol to cytochrome c

anterograde axonal transport

somatic diversification of immune receptors via germline recombination within a single locus

somatic cell DNA recombination

positive regulation of ion transmembrane transport

ketone catabolic process

positive regulation of DNA recombination

somatic recombination of immunoglobulin gene segments

regulation of transmembrane transporter activity

response to copper ion

tissue regeneration

regulation of cysteine-type endopeptidase activity involved in apoptotic process

negative regulation of mitochondrion organization

3'-UTR-mediated mRNA stabilization

somatic recombination of immunoglobulin genes involved in immune response

somatic diversification of immunoglobulins involved in immune response

isotype switching

regulation of B cell mediated immunity

regulation of immunoglobulin mediated immune response

axonal transport

response to metal ion

fructose 1,6-bisphosphate metabolic process

axo-dendritic transport

lactate metabolic process

response to corticosterone

substantia nigra development

transporter complex

transmembrane transporter complex

cytochrome complex

cytosolic small ribosomal subunit

small ribosomal subunit

polysomal ribosome

synaptic vesicle membrane

exocytic vesicle membrane

postsynaptic density

neuron to neuron synapse

transport vesicle membrane

postsynaptic specialization

asymmetric synapse

axolemma

mitochondrial respiratory chain complex IV

respiratory chain complex IV

synaptic vesicle

neuron projection membrane

growth cone

axon cytoplasm

postsynaptic density membrane

cytoplasmic ribonucleoprotein granule

site of polarized growth

ribonucleoprotein granule

neuron projection cytoplasm

dendritic spine

mitochondrial respiratory chain complex III

respiratory chain complex III

cell-substrate junction

neuron spine

exocytic vesicle

focal adhesion

transport vesicle

coated vesicle membrane

recycling endosome

oxidoreduction-driven active transmembrane transporter activity

NADH dehydrogenase (ubiquinone) activity

NADH dehydrogenase (quinone) activity

NADH dehydrogenase activity

NAD(P)H dehydrogenase (quinone) activity

oxidoreductase activity, acting on NAD(P)H, quinone or similar compound as acceptor

primary active transmembrane transporter activity

electron transfer activity

ubiquitin protein ligase binding

oxidoreductase activity, acting on NAD(P)H

nuclear glucocorticoid receptor binding

ubiquitin-like protein ligase binding

miRNA binding

phosphatidate phosphatase activity

protein-lysine N-methyltransferase activity

lysine N-methyltransferase activity

carbon-sulfur lyase activity

phosphatase activator activity

unfolded protein binding

transmembrane transporter binding

共患特有的

'de novo' protein folding

response to steroid hormone

'de novo' post-translational protein folding

regulation of nuclear-transcribed mRNA catabolic process, deadenylation-dependent decay

cellular response to glucocorticoid stimulus

intrinsic component of organelle membrane

mitochondrial outer membrane

early endosome membrane

MHC class I protein binding

KEGG

共有的

Oxidative phosphorylation

Parkinson disease

Huntington disease

Prion disease

Amyotrophic lateral sclerosis

Thermogenesis

Diabetic cardiomyopathy

Chemical carcinogenesis - reactive oxygen species

Alzheimer disease

Seizure特有的

Retrograde endocannabinoid signaling

Amphetamine addiction

Cardiac muscle contraction