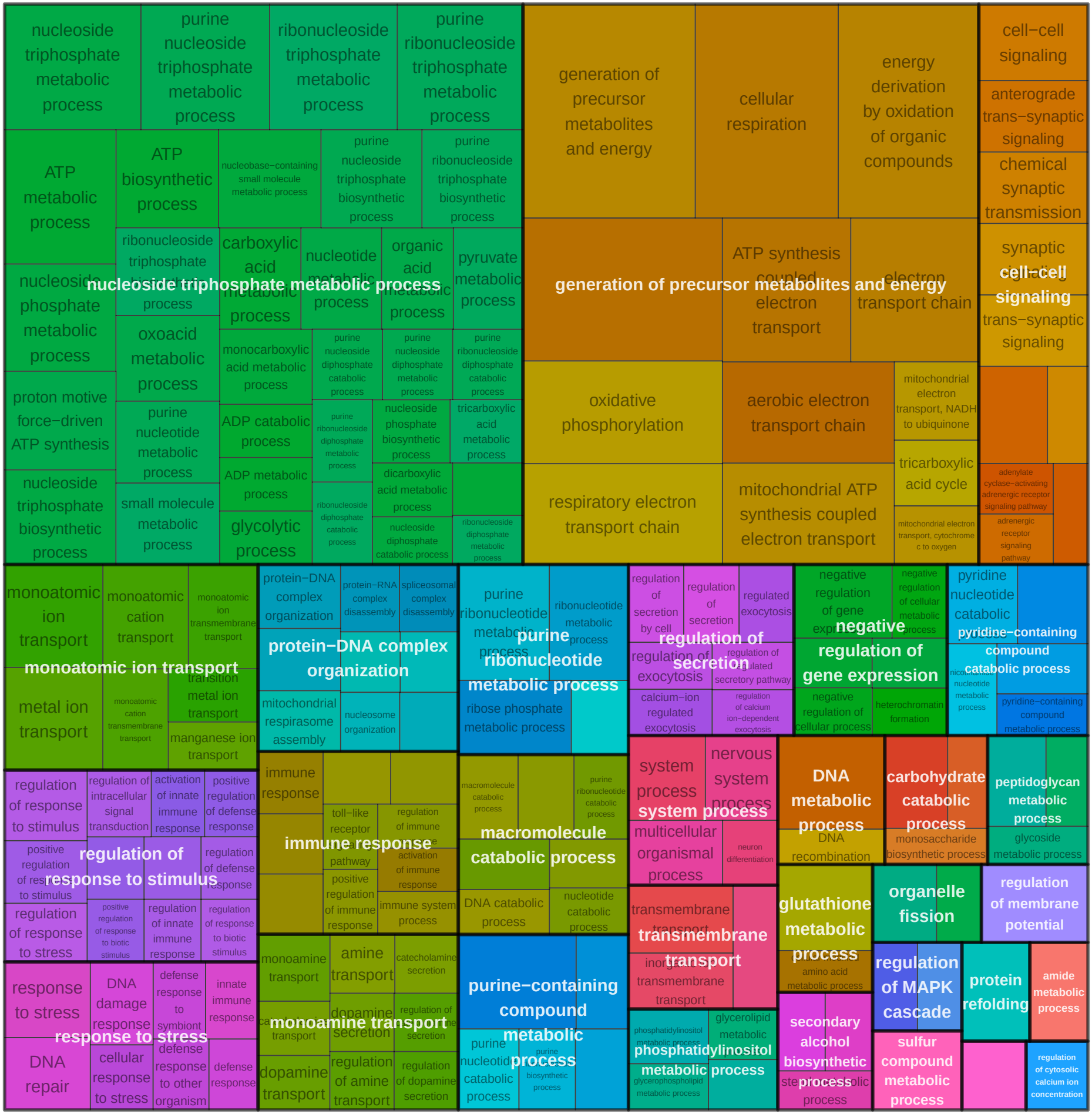
nucleoside triphosphate metabolic process
purine nucleoside triphosphate metabolic process
ribonucleoside triphosphate metabolic process
purine ribonucleoside triphosphate metabolic process
ATP metabolic process
ATP biosynthetic process
nucleobase−containing small molecule metabolic process
purine nucleoside triphosphate biosynthetic process
purine ribonucleoside triphosphate biosynthetic process
ribonucleoside triphosphate biosynthetic process
carboxylic acid metabolic process
nucleotide metabolic process
organic acid metabolic process
pyruvate metabolic process
nucleoside phosphate metabolic process
oxoacid metabolic process
monocarboxylic acid metabolic process
purine nucleoside diphosphate catabolic process
purine nucleoside diphosphate metabolic process
purine ribonucleoside diphosphate catabolic process
proton motive force−driven ATP synthesis
purine nucleotide metabolic process
ADP catabolic process
purine ribonucleoside diphosphate metabolic process
nucleoside phosphate biosynthetic process
tricarboxylic acid metabolic process
nucleoside triphosphate biosynthetic process
small molecule metabolic process
ADP metabolic process
dicarboxylic acid metabolic process
glycolytic process
ribonucleoside diphosphate catabolic process
nucleoside diphosphate catabolic process
ribonucleoside diphosphate metabolic process
nucleoside triphosphate metabolic process
generation of precursor metabolites and energy
generation of precursor metabolites and energy
cellular respiration
energy derivation by oxidation of organic compounds
ATP synthesis coupled electron transport
electron transport chain
oxidative phosphorylation
aerobic electron transport chain
mitochondrial electron transport, NADH to ubiquinone
tricarboxylic acid cycle
respiratory electron transport chain
mitochondrial ATP synthesis coupled electron transport
mitochondrial electron transport, cytochrome c to oxygen
cell−cell signaling
cell−cell signaling
anterograde trans−synaptic signaling
chemical synaptic transmission
synaptic signaling
trans−synaptic signaling
adenylate cyclase−activating adrenergic receptor signaling pathway
adrenergic receptor signaling pathway
monoatomic ion transport
monoatomic ion transport
monoatomic cation transport
monoatomic ion transmembrane transport
metal ion transport
monoatomic cation transmembrane transport
transition metal ion transport
manganese ion transport
protein−DNA complex organization
protein−DNA complex organization
protein−RNA complex disassembly
spliceosomal complex disassembly
mitochondrial respirasome assembly
nucleosome organization
purine ribonucleotide metabolic process
purine ribonucleotide metabolic process
ribonucleotide metabolic process
ribose phosphate metabolic process
regulation of secretion by cell
regulation of secretion
regulated exocytosis
regulation of exocytosis
regulation of regulated secretory pathway
calcium−ion regulated exocytosis
regulation of calcium ion−dependent exocytosis
negative regulation of gene expression
negative regulation of gene expression
negative regulation of cellular metabolic process
negative regulation of cellular process
heterochromatin formation
pyridine nucleotide catabolic process
pyridine−containing compound catabolic process
nicotinamide nucleotide metabolic process
pyridine−containing compound metabolic process
regulation of response to stimulus
regulation of response to stimulus
regulation of intracellular signal transduction
activation of innate immune response
positive regulation of defense response
positive regulation of response to stimulus
regulation of defense response
regulation of response to stress
positive regulation of response to biotic stimulus
regulation of innate immune response
regulation of response to biotic stimulus
immune response
immune response
toll−like receptor pathway
regulation of immune response
activation of immune response
positive regulation of immune response
immune system process
macromolecule catabolic process
macromolecule catabolic process
purine ribonucleotide catabolic process
DNA catabolic process
nucleotide catabolic process
system process
system process
nervous system process
multicellular organismal process
neuron differentiation
DNA metabolic process
DNA metabolic process
DNA recombination
carbohydrate catabolic process
carbohydrate catabolic process
monosaccharide biosynthetic process
peptidoglycan metabolic process
peptidoglycan metabolic process
glycoside metabolic process
transmembrane transport
transmembrane transport
inorganic anion transmembrane transport
glutathione metabolic process
glutathione metabolic process
amino acid metabolic process
organelle fission
organelle fission
regulation of membrane potential
response to stress
response to stress
DNA damage response
defense response to symbiont
innate immune response
DNA repair
cellular response to stress
defense response to other organism
defense response
monoamine transport
monoamine transport
amine transport
catecholamine secretion
dopamine transport
regulation of dopamine secretion
dopamine transport
regulation of amine transport
purine−containing compound metabolic process
purine−containing compound metabolic process
purine nucleotide catabolic process
purine nucleotide biosynthetic process
phosphatidylinositol metabolic process
phosphatidylinositol metabolic process
glycerolipid metabolic process
glycerophospholipid metabolic process
secondary alcohol biosynthetic process
secondary alcohol metabolic process
regulation of MAPK cascade
regulation of MAPK cascade
protein refolding
protein refolding
amide metabolic process
amide metabolic process
sulfur compound metabolic process
sulfur compound metabolic process
regulation of cytosolic calcium ion concentration
regulation of cytosolic calcium ion concentration