

Perturbation convergence on module 24

aerobic respiration
cellular respiration
oxidative phosphorylation
energy derivation by oxidation of organic compounds
proton transmembrane transport
generation of precursor metabolites and energy
electron transport chain
respiratory electron transport chain
proton motive force-driven ATP synthesis
proton motive force-driven mitochondrial ATP synthesis
ATP synthesis coupled electron transport
mitochondrial ATP synthesis coupled electron transport
ATP biosynthetic process
purine ribonucleotide biosynthetic process
aerobic electron transport chain
purine nucleoside triphosphate biosynthetic process
purine ribonucleoside triphosphate biosynthetic process
ribonucleoside triphosphate biosynthetic process
ribonucleotide biosynthetic process
ribose phosphate biosynthetic process

