proton motive force-driven ATP synthesis

oxidative phosphorylation

mitochondrial protein-containing composidoreductase complex

cellular respiration

inner mitochondrial membrane protein complex

respiratory chain complex

aerobic respiration

primary active transmembrane transporteraerobic electron transport chain mitochondrial ATP synthesis coupled electron transport

ATP synthesis coupled electron transport

energy derivation by oxidation of organic compounds

electron transfer activity

mitochondrial respirasome

respirasome

oxidoreduction-driven active transmembrane transporter activity

respiratory electron transport chain

transporter complex

number of genes

10

20

25

p.adjust

5e-05

4e-05 3e-05

2e-05

1e-05