primary active transmembrane transporter activity

ATP synthesis coupled electron transport oxidative phosphorylation aerobic electron transport chain

oxidoreduction-driven active transmembrane transporter activity number of genes transporter complex respiratory chain complex 15 cellular respiration 20 electron transfer activity 25 respirasome p.adjust energy derivation by oxidation of organic compounds 6e-05 aerobic respiration 4e-05 mitochondrial respirasome 2e-05 inner mitochondrial membrane protein complex mitochondrial ATP synthesis coupled electron transport

mitochondrial protein—containing complex

transmembrane transporter complex

electron transport chain

respiratory electron transport chain

generation of precursor metabolites and energy