

See Plastidial Pyruvate dehydrogenase

See Pyruvate HUB cytosol

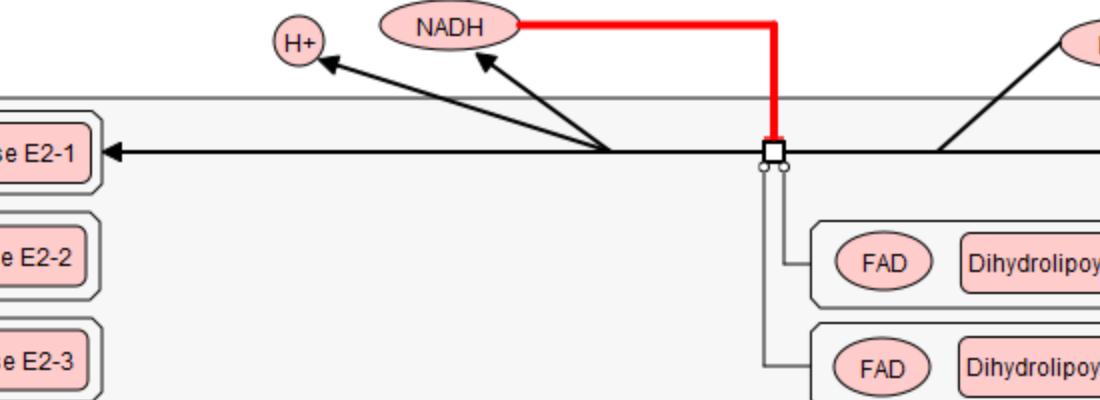
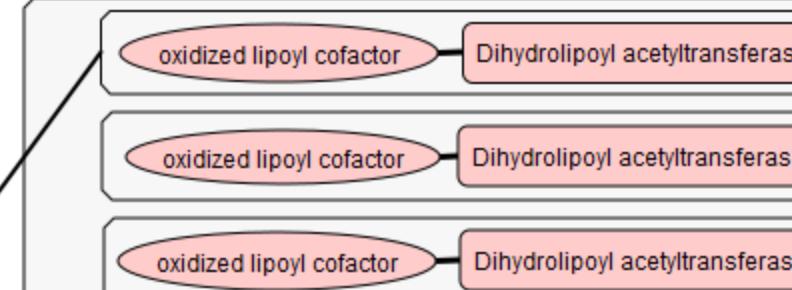
See TCA cycle

See L-alanine

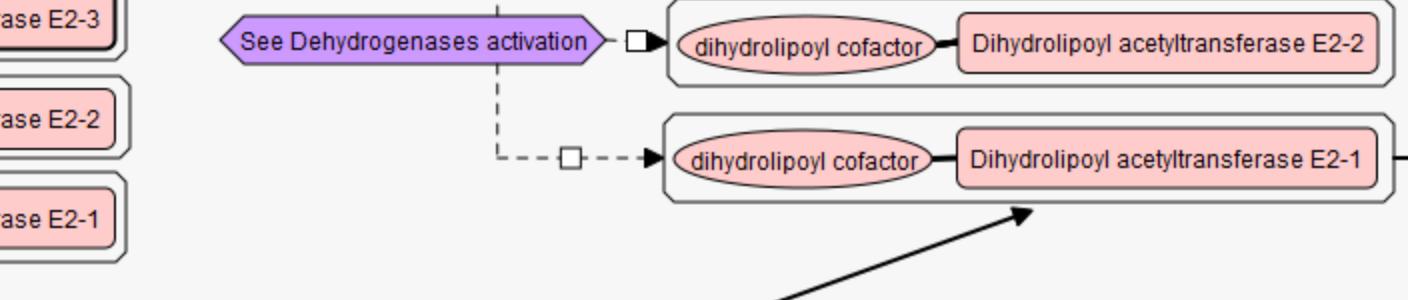
pyruvate

H+

CO₂



For clarity reasons the reaction cycle is represented for E2-1 and omitted for E2-2 and E2-3



Chloroplast inner membrane

Chloroplast outer membrane

Plasma membrane

Mitochondrion inner membrane

Mitochondrion outer membrane

See Glycine decarboxylase

See Oxoglutarate dehydrogenase

See Branched-chain Isoleucine ketoacid decarboxylase

See Branched-chain Leucine ketoacid decarboxylase

See Branched-chain Valine ketoacid decarboxylase

See Mitochondrial Pyruvate dehydrogenase regulation

See Dehydrogenases activation

See CoA HUB

See TCA cycle