

mitochondria

succinyl CoA
+ glycine

δ -aminolaevulinic
acid synthase

δ -aminolaevulinic
acid

haem

ferrochelatase

protoporphyrin

oxidase

protoporphyrinogen

oxidase

porphobilinogen
synthase

porphobilinogen

deaminase

pre-uroporphyrinogen

uroporphyrinogen III
synthase

uroporphyrinogen I

coproporphyrinogen
coproporphyrin III

uroporphyrinogen
decarboxylase

uroporphyrinogen III

cytosol