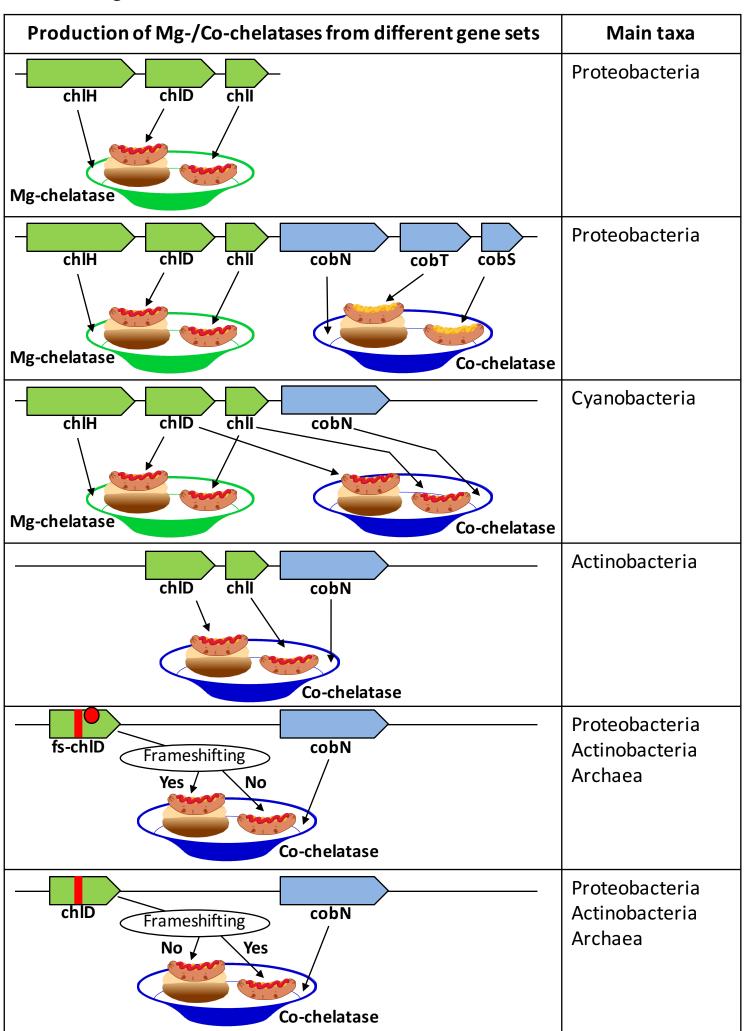


cobN

Mg-chelatase chlIDH

**Co-chelatase cobNST** 



- chlD gene with a frameshifting signal



- fs-chID gene with a frameshifting signal and a frameshift mutation