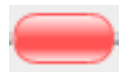




- small subunit gene (*chlI*)



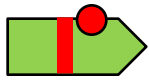
- AAA_lid_2 domain (PF17863.1)



- medium subunit gene (*chlD*)



- VWA_2 domain (PF13519.6)

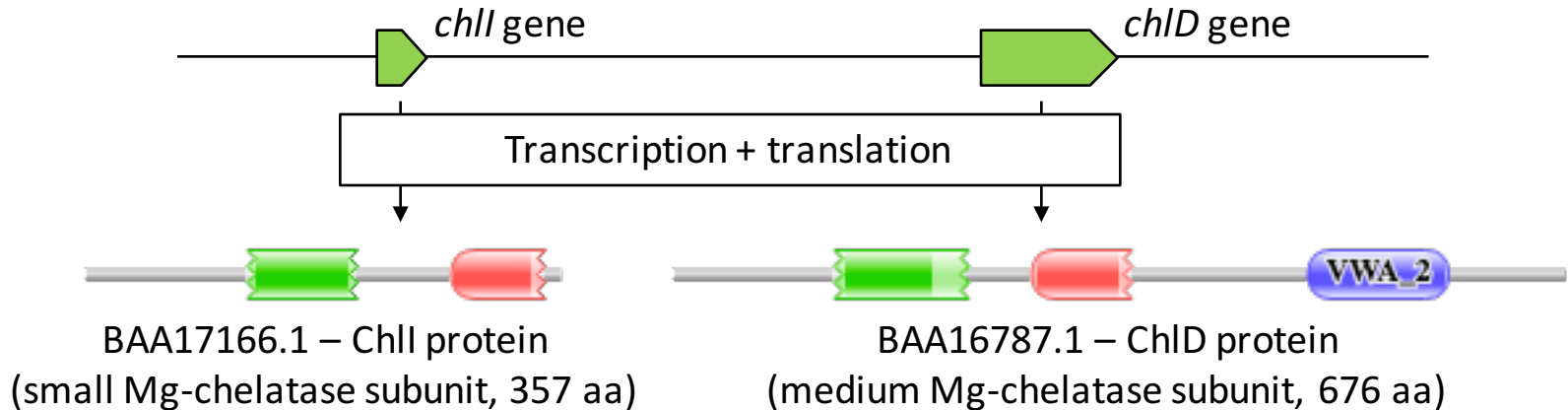


- *fs-chlD* gene with a frameshifting signal and a frameshift mutation



- Mg_chelatase domain (PF01078.21)

Synechocystis sp. PCC 6803 (photosynthetic cyanobacteria)



Methanocaldococcus sp. FS406-22 (archaea)

