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# A Brief Look of the Evolutionary History of Cardiolipin Synthesis Pathway

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## ABSTRACT

Cardiolipin is an important structural and functional component of the mitochondrial intima of eukaryotic cells and the bacterial membrane of prokaryotic cells, which is considered to be one of the important evidences supporting the origin of mitochondria from bacterial endosymbiosis. However, it is generally believed that the biosynthesis of cardiolipin in bacteria and eukaryotes is catalyzed by two different types of cardiolipin synthases (CLS) with different domains, namely CLS\_PLD and CLS\_CAP.

## EXTERNAL LINK

<https://www.creative-proteomics.com/services/cardiolipins-analysis-service.htm>

## ATTACHMENTS

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## KEYWORDS

Cardiolipin

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