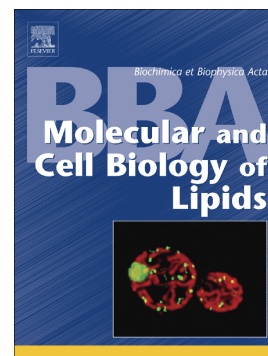


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High myristic acid content in the cyanobacterium *Cyanothece* sp. PCC 8801 results from substrate specificity of lysophosphatidic acid acyltransferase

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Keywords: Cyanobacterium, *Cyanothece* sp. PCC 8801, Fatty acid, Glycerolipid, Lysophosphatidic acid acyltransferase

Abbreviations: ACP, acyl-carrier protein; DG, diacylglycerol; DGDG, digalactosyldiacylglycerol; LPA, lysophosphatidic acid; MGDG, monogalactosyldiacylglycerol; MGlCDG, monoglucosyldiacylglycerol; PA, phosphatidic acid; PG, phosphatidylglycerol; SQDG, sulfoquinovosyldiacylglycerol; X:Y(Z), fatty acid containing X carbons with Y double bonds in the *cis* configuration at the Z position, as counted from the carboxy terminus

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