

Title (en)
THIOESTERASES AND CELLS FOR PRODUCTION OF TAILORED OILS

Title (de)
THIOESTERASEN UND ZELLEN ZUR HERSTELLUNG VON MASSGESCHNEIDERTEN ÖLEN

Title (fr)
THIOESTÉRASES ET CELLULES POUR LA PRODUCTION D'HUILES À FAÇON

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Abstract (en)
[origin: WO2014151904A1] The invention features plant acyl-ACP thioesterase genes of the FatB class and proteins encoded by these genes. The genes are useful for constructing recombinant host cells having altered fatty acid profiles. Oleaginous microalga host cells with the new genes or previously identified FatB genes are disclosed. The microalgae cells produce triglycerides with useful fatty acid profiles.

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Citation (search report)
• [I] WO 9220236 A1 19921126 - CALGENE INC [US]
• [I] CN 102586350 A 20120718 - UNIV BEIJING CHEMICAL
• [I] YUAN L ET AL: "MODIFICATION OF THE SUBSTRATE SPECIFICITY OF AN ACYL-ACYL CARRIER PROTEIN THIOESTERASE BY PROTEIN ENGINEERING", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, NATIONAL ACADEMY OF SCIENCES, US, vol. 92, 1 November 1995 (1995-11-01), pages 10639 - 10643, XP002014019, ISSN: 0027-8424, DOI: 10.1073/PNAS.92.23.10639
• See references of WO 2014151904A1

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