

## Title (en)

CLONING AND EXPRESSION OF A LIPASE MODULATOR GENE FROM PSEUDOMONAS PSEUDOALCALIGENES.

## Title (de)

KLONIERUNG UND EXPRESSION DES LIPASE-MODULATORGENS VON PSEUDOMONAS PSEUDOALCALIGENE.

## Title (fr)

CLONAGE ET EXPRESSION D'UN GENE MODULATEUR DE LIPASE A PARTIR DE GENES PSEUDOALCALINS DE PSEUDOMONAS.

## Publication

**EP 0652958 A1 19950517 (EN)**

## Application

**EP 93917663 A 19930723**

## Priority

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- EP 9301995 W 19930723
- EP 92202281 A 19920723

## Abstract (en)

[origin: WO9402617A2] The present invention discloses the cloning and expression of a lipase modulator gene obtained from a class I (Pseudomonas) species. The expression product of the modulator gene is found to give rise to a considerable increase in lipase production especially upon homologous expression. The present invention provides a method for isolating a class I lipase modulator gene, an isolated modulator gene and a class I (Pseudomonas) transformed with such a gene. Finally the present invention discloses a derivative of plasmid pJRD215 which is segregationally stable in (Pseudomonas).

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## IPC 8 full level

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## Citation (search report)

- [A] J. HERMANS ET AL.: "Transformation of Mycobacterium aurum and Mycobacterium smegmatis with the broad host-range Gram-negative cosmid vector pJRD215", MOLECULAR MICROBIOLOGY, vol. 5, no. 6, 1991, pages 1561 - 1566, XP001002547
- [DA] JOHN DAVISON ET AL.: "Vectors with restriction site banks V. pJRD215, a wide-host-range cosmid vector with multiple cloning sites", GENE, vol. 51, 1987, AMSTERDAM NL, pages 275 - 280, XP002168737
- [A] P.K.R. KUMAR ET AL.: "Strategies for improving plasmid modified stability in genetically modified bacteria in bioreactors", TRENDS IN BIOTECHNOLOGY, vol. 9, no. 8, 1991, pages 279 - 284, XP000233077
- See references of WO 9402617A2

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## DOCDB simple family (application)

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