

Title (en)  
PUFA-PKS GENES FROM ULKENIA

Title (de)  
PUFA-PKS GENE AUS ULKENIA

Title (fr)  
GENES DE PKS SYNTHETISANT DES ACIDES GRAS POLYINSATURES PROVENANT DE L'ESPECE ULKENIA

Publication  
**EP 1733029 A2 20061220 (DE)**

Application  
**EP 05751638 A 20050408**

Priority  
• EP 2005003701 W 20050408  
• DE 102004017370 A 20040408

Abstract (en)  
[origin: WO2005097982A2] The invention relates to genes which are coded for sequences specific to polyketide synthases (PKS). The thus synthetized PKS is characterised by the enzymatic capacity thereof to produce PUFAs (polyunsaturated fatty acids). The invention also relates to the identification of the corresponding DNA-sequences, in addition to the use of said nucleotide sequences for the production of recombined and/or transgenic organisms.

IPC 8 full level  
**C12N 9/00** (2006.01); **C12P 7/6472** (2022.01); **C11C 3/00** (2006.01); **C12N 15/52** (2006.01); **C12N 15/63** (2006.01)

CPC (source: CN EP KR US)  
**C12N 9/00** (2013.01 - KR); **C12N 15/52** (2013.01 - CN EP KR US); **C12N 15/63** (2013.01 - KR); **C12P 7/6472** (2013.01 - CN EP KR US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR LV MK YU

DOCDB simple family (publication)  
**WO 2005097982 A2 20051020; WO 2005097982 A3 20070405**; AU 2005231964 A1 20051020; AU 2005231964 B2 20120308; BR PI0509747 A 20070925; CA 2563427 A1 20051020; CN 101087882 A 20071212; CN 103981156 A 20140813; DE 102004017370 A1 20051027; EP 1733029 A2 20061220; IL 178613 A0 20070211; JP 2007532104 A 20071115; JP 2012205595 A 20121025; KR 101484097 B1 20150123; KR 20070056002 A 20070531; KR 20130114225 A 20131016; US 2009093033 A1 20090409; US 7939305 B2 20110510

DOCDB simple family (application)  
**EP 2005003701 W 20050408**; AU 2005231964 A 20050408; BR PI0509747 A 20050408; CA 2563427 A 20050408; CN 200580018878 A 20050408; CN 201410175661 A 20050408; DE 102004017370 A 20040408; EP 05751638 A 20050408; IL 17861306 A 20061015; JP 2007506732 A 20050408; JP 2012167374 A 20120727; KR 20067023437 A 20050408; KR 20137020015 A 20050408; US 54792105 A 20050408