

Title (en)
NUCLEOTIDE SEQUENCES WHICH CODE FOR THE OXYR GENE

Title (de)
NUKLEOTIDSEQUENZEN DIE DAS OXYR GEN KODIEREN

Title (fr)
SEQUENCES DU NUCLEOTIDE CODANT LE GENE OXYR

Publication
EP 1313758 A1 20030528 (EN)

Application
EP 01969448 A 20010720

Priority
• DE 10042052 A 20000826
• DE 10110053 A 20010302
• EP 0108388 W 20010720

Abstract (en)
[origin: WO0218431A1] The invention relates to an isolated polynucleotide comprising a polynucleotide sequence chosen from the group consisting of a) polynucleotide which is identical to the extent of at least 70 % to a polynucleotide which codes for a polypeptide which comprises the amino acid sequence of SEQ ID No. 2, b) polynucleotide which codes for a polypeptide which comprises an amino acid sequence which is identical to the extent of at least 70 % to the amino acid sequence of SEQ ID No. 2, c) polynucleotide which is complementary to the polynucleotides of a) or b), and d) polynucleotide comprising at least 15 successive nucleotides of the polynucleotide sequence of a), b) or c), and a process for the fermentative preparation of L-amino acids using coryneform bacteria in which at least the oxyR gene is present in enhanced form, and the use of the polynucleotide sequences as hybridization probes.

IPC 1-7
C07K 14/34; **C12P 13/04**; **C12P 13/08**

IPC 8 full level
C07K 14/34 (2006.01); **C12P 13/08** (2006.01)

CPC (source: EP)
C07K 14/34 (2013.01); **C12P 13/08** (2013.01)

Citation (search report)
See references of WO 0218431A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0218431 A1 20020307; AU 8970601 A 20020313; EP 1313758 A1 20030528

DOCDB simple family (application)
EP 0108388 W 20010720; AU 8970601 A 20010720; EP 01969448 A 20010720