

Title (en)
NOVEL NUCLEOTIDE SEQUENCES THAT ENCODE THE CITE GENE

Title (de)
NEUE FÜR DAS CITE-GEN KODIERENDE NUKLEOTIDSEQUENZEN

Title (fr)
NOUVELLES SEQUENCES NUCLEOTIDIQUES CODANT POUR LE GENE DE CITE

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Application
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EP 0100797 W 20010125

Abstract (en)
[origin: WO02059329A1] The invention relates to an isolated polynucleotide that contains a polynucleotide sequence selected from the group comprising a) a polynucleotide that has 70 % identity with a polynucleotide encoding a polypeptide that contains the amino acid sequence of SEQ ID No. 2, b) a polynucleotide encoding a polypeptide that contains an amino acid sequence that has 70 % identity with the amino acid sequence of SEQ ID No. 2, c) a polynucleotide that is complementary to the polynucleotides of a) or b), and d) a polynucleotide that contains at least 15 subsequent nucleotides of the polynucleotide sequence of a), b) or c). The invention further relates to a method for the fermentative production of L amino acids using coryneform bacteria in which at least the citE gene is present in an attenuated form. The invention also relates to the use as hybridization probes of polynucleotides that contain the inventive sequences.

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