

Title (en)

MOSS GENES FROM PHYSCOMITRELLA PATENS ENCODING PROTEINS INVOLVED IN THE SYNTHESIS OF TOCOPHEROLS, CAROTENOIDS AND AROMATIC AMINO ACIDS

Title (de)

GENE DES MOOSES PHYSCOMITRELLA PATENS, DIE FÜR PROTEINE DER TOCOPHEROLBIOSYNTHESE, DER CAROTINOIDBIOSYNTHESE UND DER BIOSYNTHESE DER AROMATISCHEN AMINOSÄUREN KODIEREN

Title (fr)

GENES DE MOUSSE DE PHYSCOMITRELLA PATENS CODANT POUR DES PROTEINES IMPLIQUEES DANS LA SYNTHÈSE DE TOCOPHEROLS ET DE CAROTENOÏDES

Publication

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Application

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Abstract (en)

[origin: WO0144276A2] Isolated nucleic acid molecules, designated TCMRP nucleic acid molecules, which encode novel TCMRPs from e.g. *Physcomitrella patens* are described. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing TCMRP nucleic acid molecules, and host cells into which the expression vectors have been introduced. The invention still further provides isolated TCMRPs, mutated TCMRPs, fusion proteins, antigenic peptides and methods for the improvement of production of a desired compound from transformed cells, organisms or plants based on genetic engineering of TCMRP genes in these organisms.

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