

Title (en)

CITRUS SESQUITERPENE SYNTHASE, METHODS OF PRODUCTION AND USES THEREOF

Title (de)

CITRUS SESQUITERPEN-SYNTHASE, HERSTELLUNGS- UND ANWENDUNGSVERFAHREN DAFÜR

Title (fr)

SESQUITERPENE SYNTHASE D'AGRUME, PROCEDES DE PRODUCTION ET UTILISATIONS CORRESPONDANTES

Publication

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Application

EP 04770466 A 20040902

Priority

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Abstract (en)

[origin: WO2005021705A2] The present invention relates to citrus sesquiterpene synthases, key enzymes in the production of valencene, a sesquiterpene aromatic compound. Particularly, the present invention relates to nucleic acid sequences encoding valecene synthases from angiosperm plant species, in particular citrus, vectors containing the sequences, host cells containing said sequences and transgenic plants expressing said sequences. The present invention further relates to methods of producing recombinant valencene synthase and its products, and uses thereof.

IPC 8 full level

C12N 15/82 (2006.01); **A61F 5/02** (2006.01); **C12N 5/10** (2006.01); **C12N 9/88** (2006.01)

IPC 8 main group level

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C12N 9/88 (2013.01); **C12N 15/8243** (2013.01)

Citation (search report)

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- See references of WO 2005021705A2

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DOCDB simple family (publication)

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