

Title (en)

FRUIT FLAVOUR RELATED GENES AND USE THEREOF

Title (de)

GENE, DIE AN DER AROMABILDUNG IN FRÜCHTEN BETEILIGT SIND

Title (fr)

GENES LIES A LA SAVEUR DES FRUITS ET UTILISATION DE CES GENES

Publication

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Application

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Abstract (en)

[origin: WO0032789A1] DNA sequences encoding enzymes involved in the biosynthetic pathway for aliphatic and/or aromatic ester production in fruit are disclosed. The enzymes have alcohol acyl transferase, alcohol dehydrogenase, pyruvate decarboxylase, thiolase, aminotransferase and esterase activities, respectively. The polypeptides having said activities are disclosed. Expression vectors comprising the DNA sequences may be used for regulating ester formation in fruit. Genetically modified plants and microorganisms may be used for producing esters.

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