

Title (en)  
FRUIT RIPENING-RELATED GENES

Title (de)  
GENE FÜR FRÜCHTEREIFUNG

Title (fr)  
GENES ASSOCIES AU MURISSEMENT DES FRUITS

Publication  
**EP 0876481 A1 19981111 (EN)**

Application  
**EP 97900698 A 19970121**

Priority  
• GB 9700178 W 19970121  
• GB 9601330 A 19960123  
• GB 9618742 A 19960909

Abstract (en)  
[origin: WO9727295A1] A vector for use in the genetic transformation of strawberry cells comprises a promoter sequence, a regulation sequence and a transcription termination sequence, in which the regulation sequence comprises the coding region, or a fragment of at least 10 bases thereof, of a strawberry protein selected from O-methyl transferase, acyl carrier protein (ACP), elongation factor, auxin-induced gene, cysteine(thiol) proteinase, cellulase, starch phosphorylase, pyruvate decarboxylase, chalcone reductase, protein kinase, auxin-related gene, sucrose transporter, meristem pattern gene, or selected from a strawberry protein with homology to transcribed sequence accession number T45086, transcribed sequence accession number L36159 or transcribed sequence accession number T45902, or selected from a strawberry protein of unknown homology encoded by one of the StrawRipe sequences A to K.

IPC 1-7  
**C12N 15/11**; **C12N 15/82**; **C12N 15/52**; **C12N 15/54**; **C12N 15/55**; **C12N 15/56**; **C12N 15/57**; **C12N 15/63**; **C12N 9/10**; **C12N 9/14**; **C07K 14/415**

IPC 8 full level  
**C07K 14/415** (2006.01); **C12N 9/42** (2006.01); **C12N 15/52** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP)  
**C07K 14/415** (2013.01); **C12N 9/2437** (2013.01); **C12N 15/52** (2013.01); **C12N 15/8205** (2013.01); **C12N 15/8249** (2013.01)

Citation (search report)  
See references of WO 9727295A1

Designated contracting state (EPC)  
DE ES FR GB IT NL SE

DOCDB simple family (publication)  
**WO 9727295 A1 19970731**; AU 1316297 A 19970820; EP 0876481 A1 19981111; EP 1321525 A2 20030625; EP 1321525 A3 20030910

DOCDB simple family (application)  
**GB 9700178 W 19970121**; AU 1316297 A 19970121; EP 02028930 A 19970121; EP 97900698 A 19970121