

Title (en)

GALACTOSYLTRANSFERASE FROM PLANTS INVOLVED IN GALACTOMANNAN BIOSYNTHESIS

Title (de)

GALACTOSYLTRANSFERASE AUS PFLANZEN DIE IN DER BIOSYNTHESE VON GALACTOMANNAN BETEILIGT IST

Title (fr)

GALACTOSYLTRANSFERASE DES PLANTES INTERVENENT DANS LE BIOSYNTHESE DU GALACTOMANNAN

Publication

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Application

**EP 99923746 A 19990521**

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Abstract (en)

[origin: WO9960103A2] Provided are genes encoding enzymes (e.g. galactosyltransferases from fenugreek and guar) which have a role in the biosynthesis of complex non-cellulosic cell wall polysaccharides such as galactomannan. Variants and other products based on the genes are also provided, as are antibodies to the enzymes, plus also methods of isolating or preparing any of these. Also disclosed are vectors and other methods and materials which may be used for cloning the genes (or related nucleic acids e.g. anti-sense versions) into hosts such as transgenic plants having modified polysaccharides. Further disclosed are products, compositions and methods employing these plants and polysaccharides.

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