

Title (en)  
A YEAST RECOMBINANT CELL CAPABLE OF PRODUCING GDP-FUCOSE

Title (de)  
REKOMBINANTE HEFEZELLE ZUR PRODUKTION VON GDP-FUCOSE

Title (fr)  
CELLULE DE LEVURE RECOMBINÉE CAPABLE DE PRODUIRE DU GDP-FUCOSE

Publication  
**EP 2895592 A1 20150722 (EN)**

Application  
**EP 12710943 A 20120323**

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• EP 2012055245 W 20120323

Abstract (en)  
[origin: WO2012127045A1] A yeast strain expressing a bi-functional fucokinase/GDP-L-fucose pyrophosphorylase enzyme and capable of producing GDP-L-fucose in vivo is provided. Also provided are yeast cells which express a GDP-L-fucose transporter and /or a fucosyl transferase with the bi-functional enzyme. In addition, the said yeast contains one or more expression cassettes for fusion proteins of heterologous glycosylation pathway and an ER/Golgi retention sequence. Finally, the invention also provides a method for producing recombinant target glycoproteins.

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Citation (search report)  
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