

Title (en)  
BACTERIA USED TO PRODUCE STABLE FUSION PROTEINS AND METHOD FOR THEIR IDENTIFICATION

Title (de)  
BAKTERIEN ZUR HERSTELLUNG STABILER FUSIONSPROTEINE UND VERFAHREN ZU DEREN NACHWEIS

Title (fr)  
BACTERIES UTILISEES POUR PREPARER DES PROTEINES DE FUSION STABLES ET PROCEDE PERMETTANT DE LES IDENTIFIER

Publication  
**EP 0731837 A1 19960918 (DE)**

Application  
**EP 95905579 A 19941222**

Priority

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- EP 9404286 W 19941222

Abstract (en)  
[origin: WO9517509A1] The invention pertains to bacteria used to produce stable fusion proteins from a carrier protein and a passenger protein, with the bacteria having the genetic marker fpt. Having this genetic marker allows a better production of protein fusions, which have a destabilizing effect on bacteria. In particular, the invention pertains to bacteria used to produce fusion proteins where the fusion protein is presented stably on the surface and the bacteria have the genetic markers ompT<-> and dsbA<-> in addition to the marker fpt. The invention also pertains to methods for identifying bacteria which on their surface present heterologous proteins with an affinity to a bonding partner and methods for constructing vectors coding for these proteins. Finally, the invention pertains also to bacteria which present stably at least one fusion protein on their surface and have the genetic markers fpt, ompT<-> and dsbA<->, and to their use, for example, for diagnostic purposes.  
[origin: WO9517509A1] The invention pertains to bacteria used to produce stable fusion proteins from a carrier protein and a passenger protein, with the bacteria having the genetic marker fpt. Having this genetic marker allows a better production of protein fusions, which have a destabilizing effect on bacteria. In particular, the invention pertains to bacteria used to produce fusion proteins where the fusion protein is presented stably on the surface and the bacteria have the genetic markers ompT<-> and dsbA<-> in addition to the marker fpt. The invention also pertains to methods for identifying bacteria which on their surface present heterologous proteins with an affinity to a bonding partner and methods for constructing vectors coding for these proteins. Finally, the invention pertains also to bacteria which present stably at least one fusion protein on their surface and have the genetic markers fpt, ompT<-> and dsbA<->, and to their use, for example, for diagnostic purposes.

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CPC (source: EP US)  
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