

Title (en)  
POLYPEPTIDES INVOLVED IN SPIRAMYCIN BIOSYNTHESIS, NUCLEOTIDE SEQUENCES ENCODING SAID POLYPEPTIDES AND USES THEREOF

Title (de)  
POLYPEPTIDE, DIE AN DER BIOSYNTHESE VON SPIRAMYCINEN BETEILIGT SIND, NUKLEINSÄUREN, DIE DIESE POLYPEPTIDE KODIEREN UND IHRE VERWENDUNGEN

Title (fr)  
POLYPEPTIDES IMPLIQUES DANS LA BIOSYNTHESE DES SPIRAMYCINES, SEQUENCES NUCLEOTIDIQUES CODANT CES POLYPEPTIDES ET LEUR UTILISATION

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Application  
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Abstract (en)  
[origin: WO2004033689A2] The invention concerns isolation and identification of novel genes of spiramycin biosynthesis process and novel polypeptides involved in said biosynthesis. The invention also concerns a method for producing said polypeptides. The invention further concerns the use of said genes for increasing the rate of production and purity in the resulting spiramycin. The invention concerns in particular a micro-organism producing spiramycin I but not producing spiramycin II and III and the use of such a micro-organism. The invention also concerns the use of genes in spiramycin biosynthesis process for constructing mutants capable of leading to synthesis of novel antibiotics or derivative forms of spiramycin. Finally the invention concerns molecules produced through expression of said genes and pharmacologically active compositions of one molecule produced through expression of such genes.

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