

Title (en)

COMPOSITIONS AND METHODS INVOLVING AN ESSENTIAL STAPHYLOCOCCUS AUREUS GENE AND ITS ENCODED PROTEIN

Title (de)

ZUSAMMENSETZUNGEN UND VERFAHREN UNTER VERWENDUNG EINES ESSENTIELLEN STAPHYLOCOCCUS AUREUS GENS UND DESSEN KODIERTEM PROTEIN

Title (fr)

COMPOSITIONS ET METHODES CONCERNANT UN GENE ESSENTIEL DE STAPHYLOCOCCUS AUREUS ET SA PROTEINE CODEE

Publication

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Application

EP 00991434 A 20001221

Priority

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Abstract (en)

[origin: WO0146383A2] This invention relates to newly identified polynucleotides and polypeptides, their production and uses, as well as their variants, agonists and antagonists, and their uses. In particular, the invention relates to polynucleotides and polypeptides of a <i>Staphylococcus aureus (S. aureus)</i> Dnal related protein, as well as its variants. Also, the invention relates to a specific interaction between the <i>S. aureus</i> Dnal related protein or specific regions thereof, and a growth-inhibitory protein encoded by the <i>S. aureus</i> bacteriophage 77 genome. The phage protein interacts with amino acids 150 - 313 of <i>S. aureus</i> Dnal polypeptide, and the invention relates to the use of this interaction target site as the basis of drug screening assays. In addition, the invention relates to polynucleotides and polypeptides of a protein complex containing <i>S. aureus</i> Dnal and DnaC related proteins, as well as their variants.

IPC 1-7

C12P 21/06; **G01N 33/53**; **C07K 14/00**; **C07K 16/00**

IPC 8 full level

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Citation (search report)

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