

Title (en)

COMPOSITIONS AND METHODS FOR IDENTIFYING AND DISTINGUISHING ORTHOSOMYCIN BIOSYNTHETIC LOCI

Title (de)

ZUSAMMENSETZUNGEN UND METHODEN ZUR IDENTIFIZIERUNG UND UNTERSCHIEDUNG VON ORTHOSOMYCIN BIOSYNTHESE LOCI

Title (fr)

COMPOSITIONS ET PROCEDES UTILES DANS L'IDENTIFICATION ET LA DISTINCTION DE LOCI BIOSYNTHETIQUES D'ORTHOSOMYCINE

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Application

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Abstract (en)

[origin: WO02079505A2] The invention provides compositions and methods useful to identify orthosomycin biosynthetic gene clusters. The invention also provides compositions and methods useful to distinguish everninomicin-type orthosomycin gene clusters and avilamycin-type orthosomycin gene clusters. An orthosomycin gene cluster may be identified using compositions of the invention such as hybridization probes, PCR primers derived from specific protein families responsible for the unique structural features that distinguish orthosomycins, everninomicin-type orthosomycins and avilamycin-type orthosomycins. An orthosomycin gene cluster may be identified using compositions of the invention such as the sequence code for the reference sequences stored on computer readable medium.

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