

Title (en)

SYSTEMATIC OPTIMIZATION OF CODING SEQUENCE FOR FUNCTIONAL PROTEIN EXPRESSION

Title (de)

SYSTEMATISCHE OPTIMIERUNG VON CODIERUNGSSEQUENZEN FÜR EINE FUNKTIONELLE PROTEINEXPRESSION

Title (fr)

OPTIMISATION SYSTÉMATIQUE DE LA SÉQUENCE CODANT POUR L'EXPRESSION FONCTIONNELLE D'UNE PROTÉINE

Publication

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Application

EP 13773223 A 20131002

Priority

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Abstract (en)

[origin: WO2015048989A1] The present invention relates to a systematic approach to codon selection for provision of a coding sequence for functional expression of a heterologous protein in a host cell. This approach recognizes that non-optimal codons for translation efficiency may be desirable at certain sites and relies on the provision of an expression library of synonymous coding sequences for the protein of concern. Expression of each such sequence is compared under the same conditions in the host cell, desirably by high-throughput screening.

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See references of WO 2015048989A1

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