Title (en)

METHODS ANALYSING 5'-MONOPHOSPHORYLATED MRNA FRAGMENTS IN PROKARYOTIC CELLS

Title (de)

VERFAHREN ZUR ANALYSE VON 5'-MONOPHOSPHORYLIERTEN MRNA-FRAGMENTEN IN PROKARYOTISCHEN ZELLEN

Title (fr)

PROCÉDÉS D'ANALYSE DE FRAGMENTS D'ARNM 5'-MONOPHOSPHORYLÉS DANS DES CELLULES PROCARYOTES

Publication

EP 4179108 A1 20230517 (EN)

Application

EP 21742068 A 20210701

Priority

- GB 202010429 A 20200707
- EP 2021068185 W 20210701

Abstract (en)

[origin: GB2596822A] Methods of determining the identity of one or more messenger ribonucleic acid (mRNA) sequences being translated in a prokaryotic cell by determining the sequence of one or more 5'-monophosphorylated fragments of mRNA, wherein the cell is one in which 5'-3' co-translational degradation of mRNA occurs such as may be evidenced by three nucleotide periodicity in the 5-m,onophosphorylated mRNA fragments. The invention also related to corresponding uses, kits of parts and libraries of sequences, and analysis of changes in the mRNA fragments in response to stimuli or a change in environmental conditions.

IPC 8 full level

C12Q 1/6806 (2018.01); **C12Q 1/689** (2018.01)

CPC (source: EP GB)

C12Q 1/6806 (2013.01 - EP); **C12Q 1/6869** (2013.01 - GB); **C12Q 1/6888** (2013.01 - GB); **C12Q 1/689** (2013.01 - EP)

Citation (search report)

See references of WO 2022008341A1

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