

Title (en)  
POST-TRANSCRIPTIONAL GENE REGULATION BY TRACE MINERALS

Title (de)  
POST-TRANSKRIPTIONELLE GENREGULATION DURCH SPURENELEMENTE

Title (fr)  
REGULATION GENIQUE POST-TRANSCRIPTIONNELLE AU MOYEN DE MINERAUX A L'ETAT DE TRACES

Publication  
**EP 0871722 A1 19981021 (EN)**

Application  
**EP 94919139 A 19940516**

Priority  
• US 9405388 W 19940516  
• US 6668093 A 19930524

Abstract (en)  
[origin: WO9427428A1] Methods of controlling the in vivo and in vitro expression of a heterologous protein which involve providing a cell containing a first nucleic acid encoding the heterologous polypeptide wherein at least one codon of the mRNA transcribed from the first nucleic acid has been replaced by the codon UGA operably linked to a second nucleic acid capable of directing the translation of the UGA codon as selenocysteine are described.

IPC 1-7  
**C12N 15/00**; C12P 21/06; C07K 3/00; C07K 14/00; C07K 15/00; C07K 17/00; C07H 17/00; A01K 67/00

IPC 8 full level  
**A01K 67/027** (2006.01); **C07H 21/04** (2006.01); **C12N 1/19** (2006.01); **C12N 5/10** (2006.01); **C12N 9/08** (2006.01); **C12N 15/09** (2006.01); **C12N 15/63** (2006.01); **C12N 15/67** (2006.01); **C12N 15/79** (2006.01); **C12P 21/02** (2006.01); **C12R 1/865** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)  
**A01K 67/0275** (2013.01); **C12N 15/63** (2013.01); **C12N 15/67** (2013.01); **C12N 15/79** (2013.01); **A01K 2217/05** (2013.01)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9427428 A1 19941208**; EP 0871722 A1 19981021; EP 0871722 A4 19981021; JP 2902118 B2 19990607; JP H08509381 A 19961008

DOCDB simple family (application)  
**US 9405388 W 19940516**; EP 94919139 A 19940516; JP 50072395 A 19940516