

Title (en)

EUKARYOTIC CELLS STABLY EXPRESSING GENES FROM MULTIPLE TRANSFECTED EPISOMES

Title (de)

EUKARYOTISCHE ZELLEN, WELCHE AUSGEHEND VON MULTIPLLEN TRANSFIZIERTEN EPISOMEN, GENE STABIL EXRIMIEREN

Title (fr)

CELLULES EUCARYOTES EXPRIMANT DES GENES DE MANIERE STABLE A PARTIR DE MULTIPLES EPISOMES TRANSFECTES

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Application

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Abstract (en)

[origin: WO9947647A1] A method is described for producing recombinant eukaryotic cell lines expressing multiple proteins or RNAs of interest. Eukaryotic host cells are transfected with (a) a first episome which contains a sequence that promotes autonomous replication of the episome in the cells and a first gene encoding a protein of interest; and (b) a second episome containing a sequence that promotes autonomous replication of the episome in the cells and a second gene encoding a protein of interest. Transfected cells are obtained expressing one or more proteins that promote nuclear retention of the episomes. The cells are grown under conditions wherein the episomes express the first and second genes.

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