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Declarations under Rule 4.17:

— *as to the identity of the inventor (Rule 4.17(i))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

— *of inventorship (Rule 4.17(iv))*

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— *with international search report (Art. 21(3))*

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[Continued on next page]

(54) Title: A CELL EXPRESSION SYSTEM

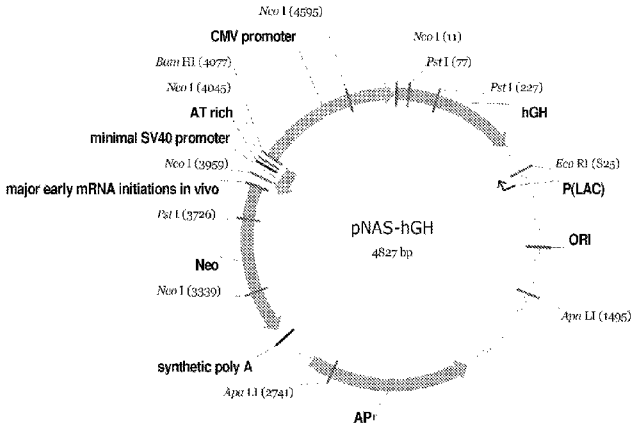


Figure 1A

(57) Abstract: An expression system for expressing a protein comprising: a eukaryotic host cell carrying a dihydrofolate reductase (DHFR) deficiency; and an expression vector, the expression vector encoding the human growth hormone gene; a expression vector, the expression vector comprising: a eukaryotic selectable marker including a minimal SV 40 early promoter driving expression of a sequence encoding dihydrofolate reductase for complementing the DHFR deficiency in the host cell; a prokaryotic selectable marker conveying Ampicillin resistance to a prokaryotic host cell; a prokaryotic Origin of Replication; a plurality of multiple cloning sites (MCS); and at least one protein expression module comprising: a Simian Vacuolating Virus 40 (SV40) early promoter, inclusive of its 72 bp enhancer repeats; and a rabbit β-globin intron sequence being separable from a SV40 p A sequence by a first multiple cloning site, for receiving a coding sequence and expressing a desired protein therefrom.

WO 2014/134657 A1

— *with (an) indication(s) in relation to deposited biological material furnished under Rule 13bis separately from the description (Rules 13bis.4(d)(i) and 48.2(a)(viii))*

— *with sequence listing part of description (Rule 5.2(a))*