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(54) Title: VACCINES

(57) Abstract: The invention provides a nucleotide sequence that encodes an HIV-1 gag protein or fragment thereof containing a gag epitope and a second HIV antigen or a fragment encoding an epitope of said second HIV antigen, operably linked to a heterologous promoter. Preferred polynucleotide sequences further encodes nef or a fragment thereof and RT or a fragment thereof.

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