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(54) **Title:** METHOD FOR INCORPORATING PROTEINS INTO LENTIVIRUS VECTORS

(57) **Abstract:** The present invention is a method for incorporating an integrase-fusion protein into a third-generation lentivirus vector, comprising: (i) transfecting a vector packaging plasmid into a producer cell, wherein the vector packaging plasmid contains a lentivirus transfer construct and a gene encoding the integrase-fusion protein, said gene being fused to the *pol*-polyprotein gene; (ii) transcription and translation of the genes; and (iii) release of the integrase-fusion protein from the *pol*- polyprotein.