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(71) Applicants *(for all designated States except US)*: **HEINRICH-PETTE-INSTITUT FÜR EXPERIMENTELLE VIROLOGIE UND IMMUNOLOGIE AN DER UNIVERSITÄT HAMBURG** [DE/DE]; Martinistrasse 52, 20251 Hamburg (DE). **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstrasse 8, 80539 München (DE). **TECHNISCHE UNIVERSITÄT DRESDEN** [DE/DE]; 01062 Dresden (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **HAUBER, Joachim** [DE/DE]; Högenstrasse 65, 20535 Hamburg (DE). **BUCHHOLZ, Frank** [DE/DE]; Schubertstrasse 40, 01307 Dresden (DE). **HAUBER, Ilona** [DE/DE]; Högenstrasse 65, 22527 Hamburg (DE). **STEWART, A., Francis** [AU/DE]; Anton-Graff-Strasse 24, 01307 Dresden (DE). **SARKAR, Indrani** [IN/IN]; CB-160, Saltlake City, Sector 1, P.O. Bidhan Nagar, 700064 Kolkata, West Bengal (IN).

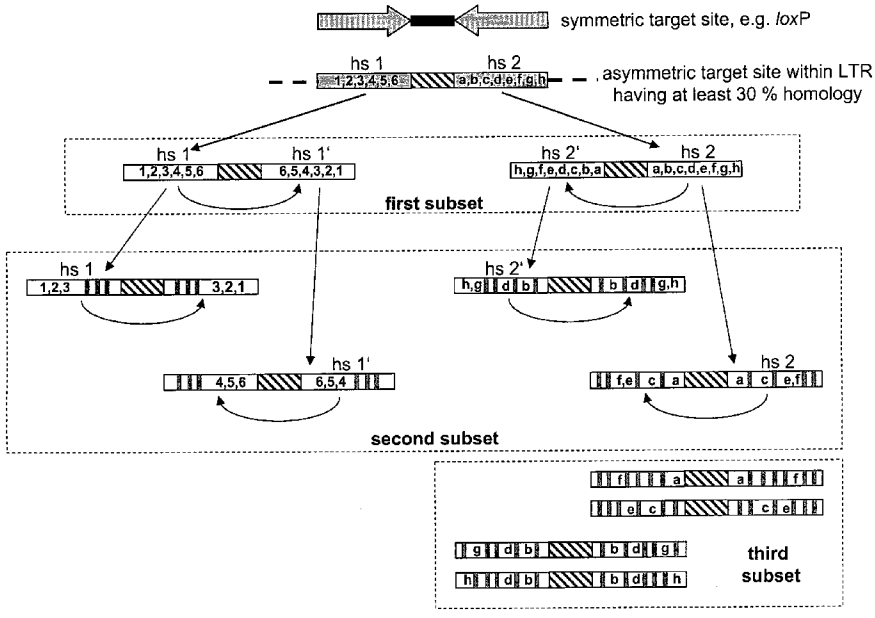
(74) Agents: **BEZZUBOVA, Olga** et al.; UEXKÜLL & STOLBERG, Beselerstr. 4, 22607 Hamburg (DE).

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(54) Title: USE OF A TAILORED RECOMBINASES FOR THE TREATMENT OF RETROVIRAL INFECTIONS



(57) Abstract: The present invention is directed to a method for preparing an expression vector encoding a tailored recombinase, wherein said tailored recombinase recombines asymmetric target sites within the LTR of proviral DNA of a retrovirus inserted into the genome of a host cell and is useful as means for excising the provirus from the genome of the host cell. The present invention further relates to an *in vitro*-method of optimising the treatment of a retroviral infection of a subject and to the use of tailored recombinases for the preparation of pharmaceutical compositions for reducing the viral load in a subjected infected by a retrovirus.

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