

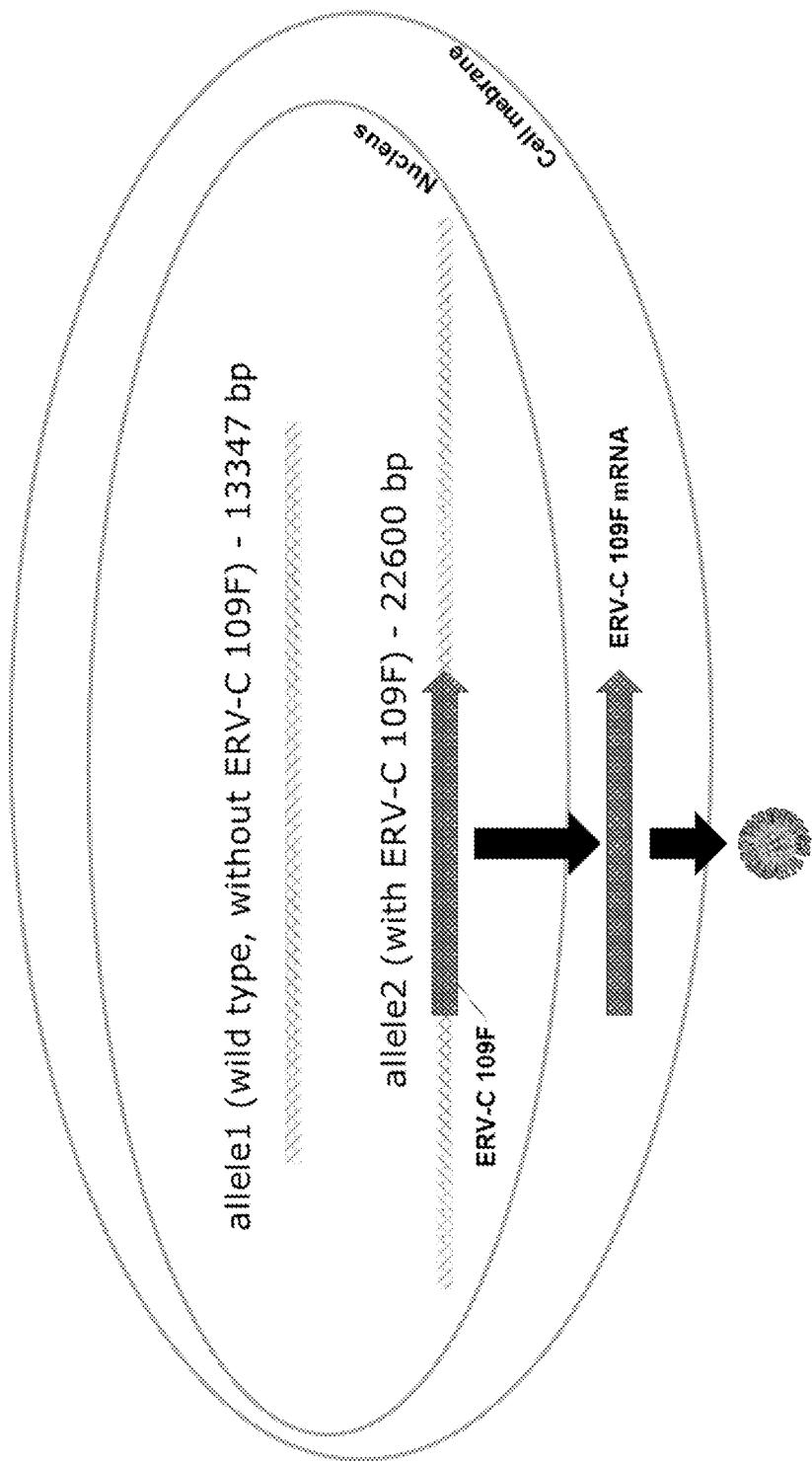


Fig. 1

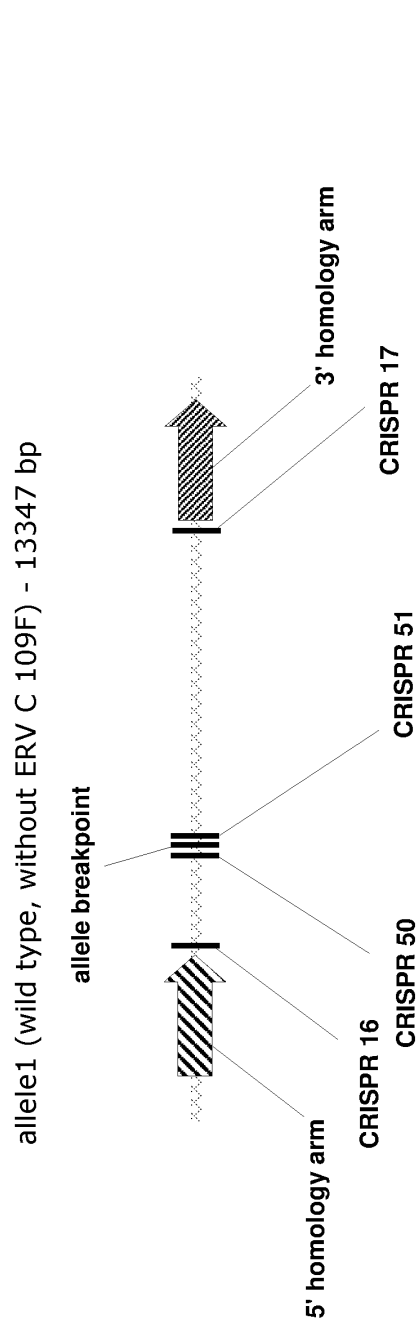


Fig. 2A

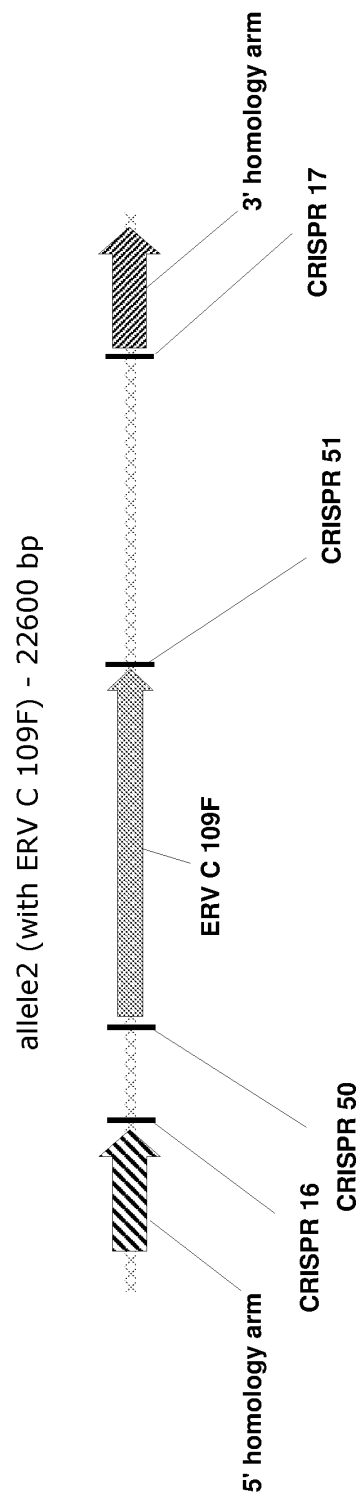


Fig. 2B

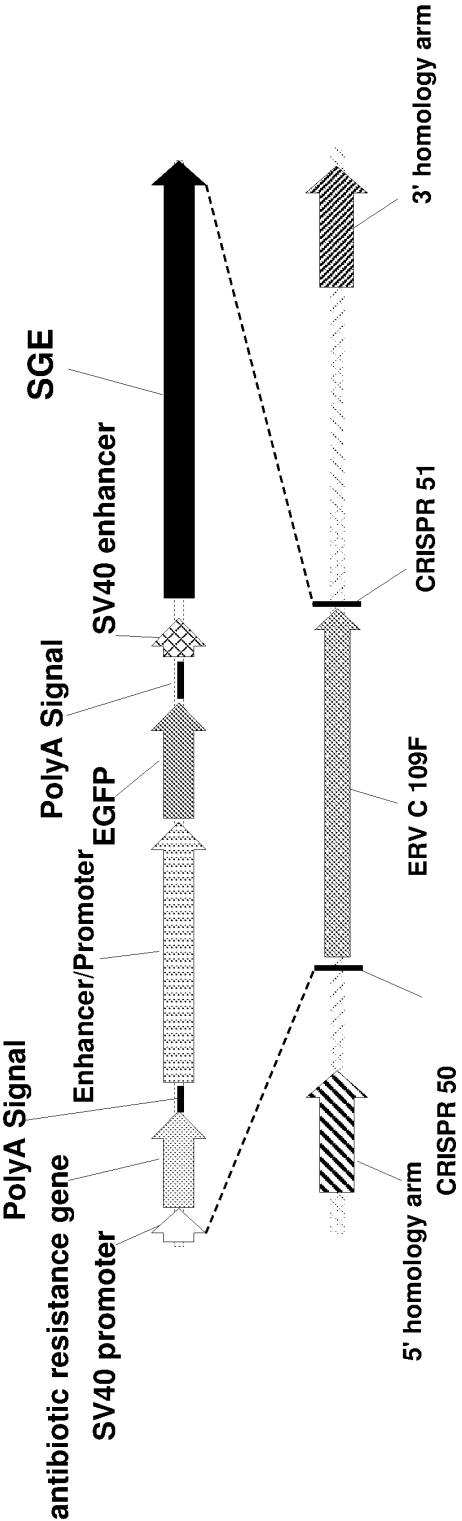


Fig. 3A

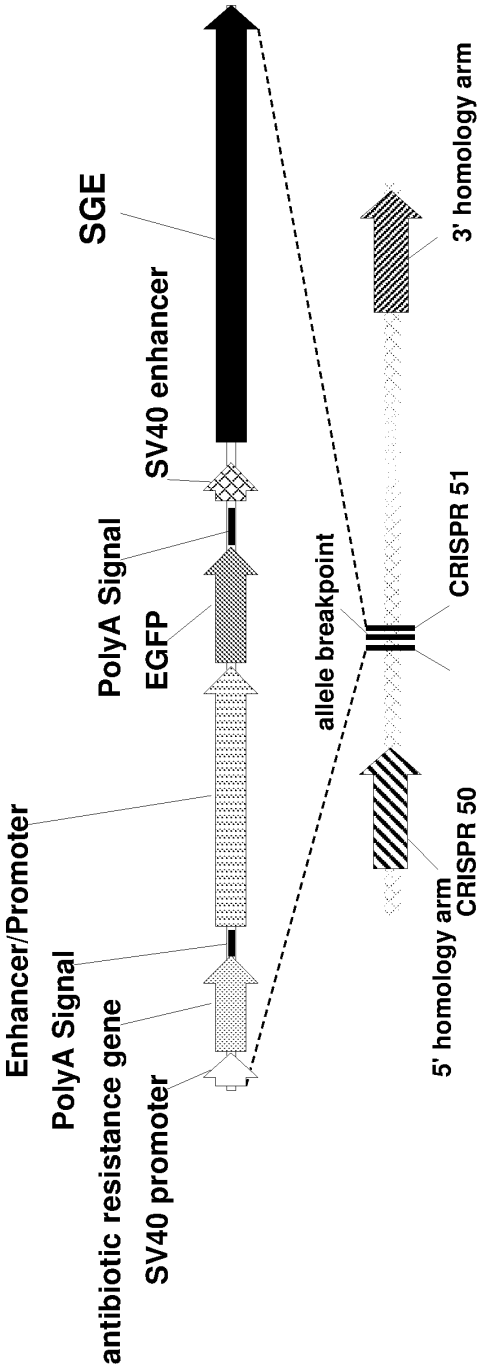


Fig. 3B

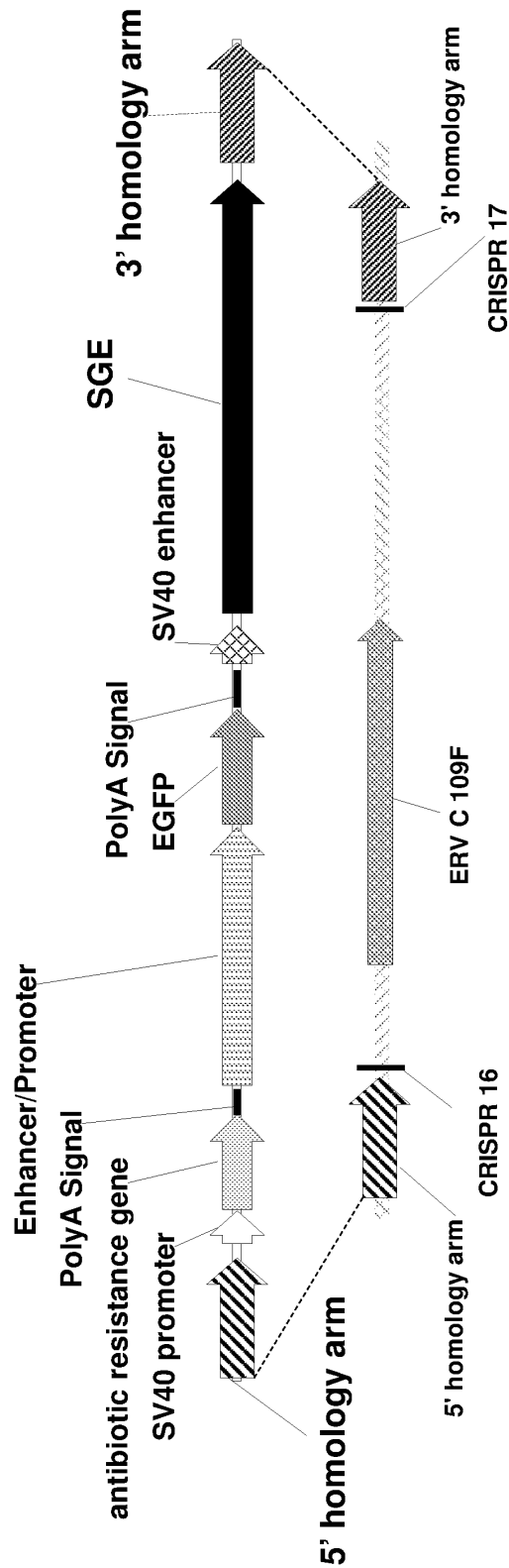


Fig. 4A

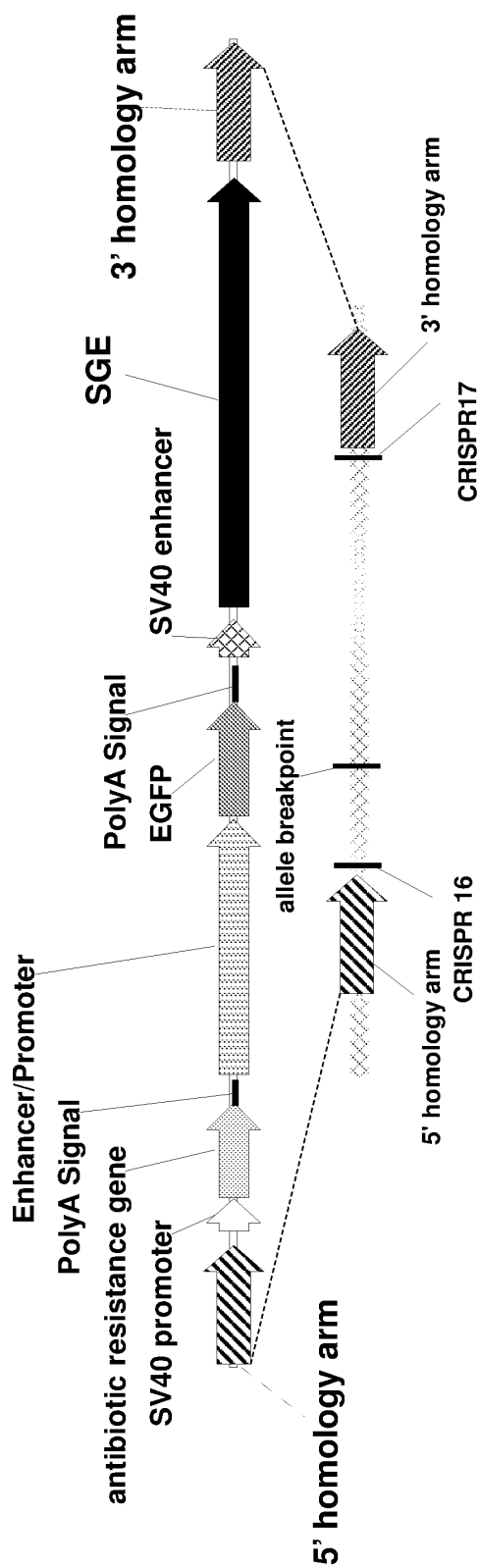


Fig. 4B

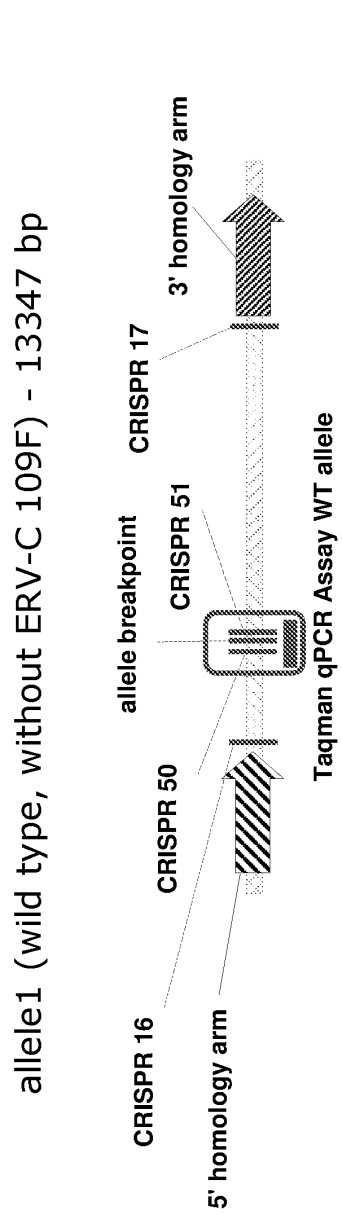


Fig. 5A

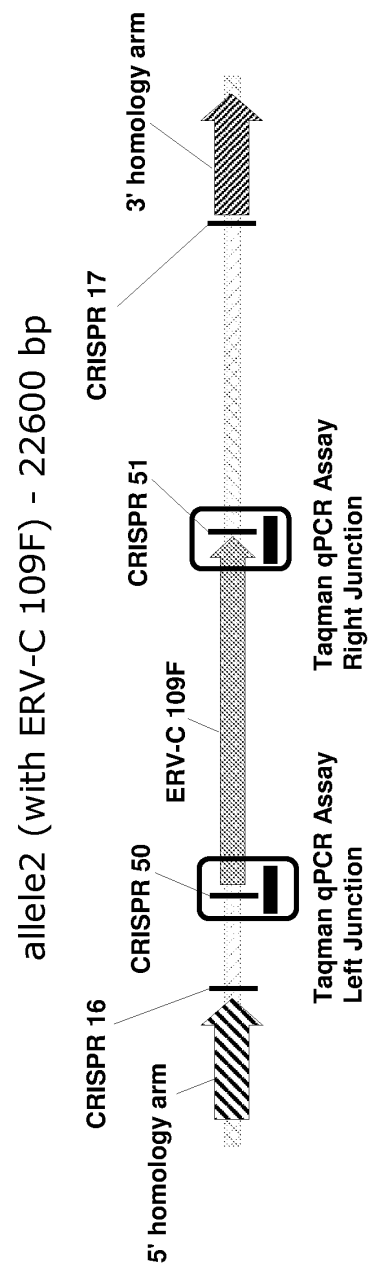


Fig. 5B

Targeted integration into the CHOM genomic locus of the ERV C109F

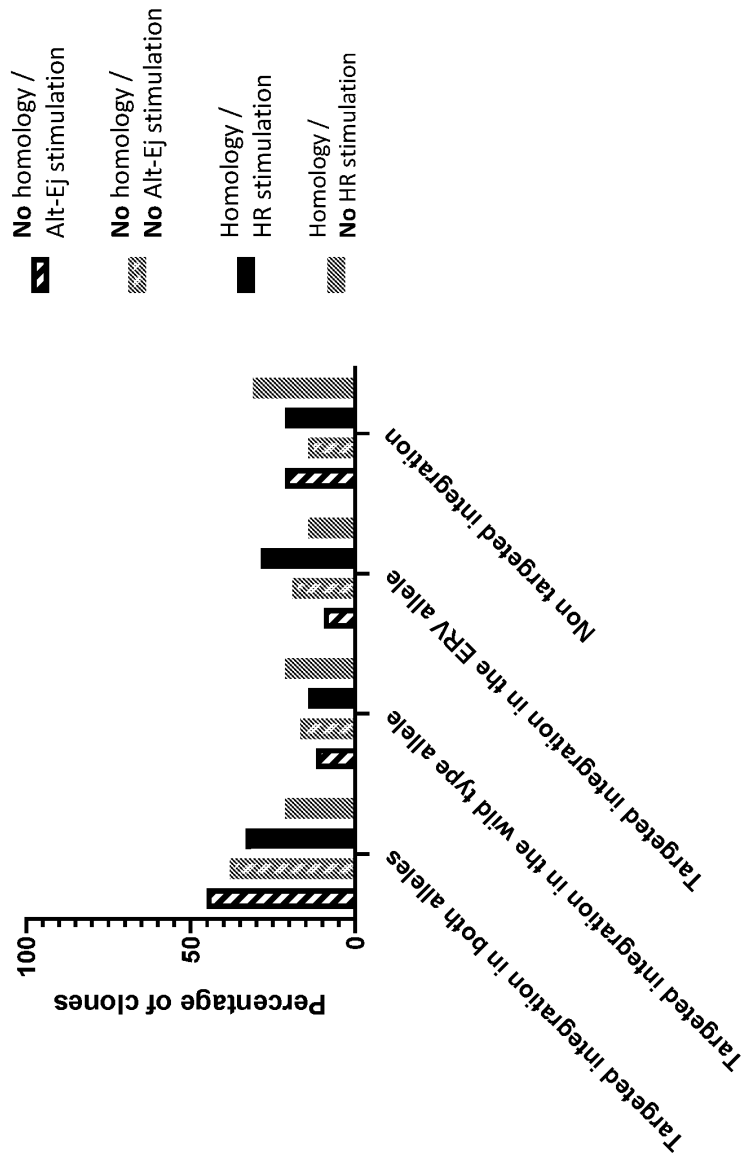
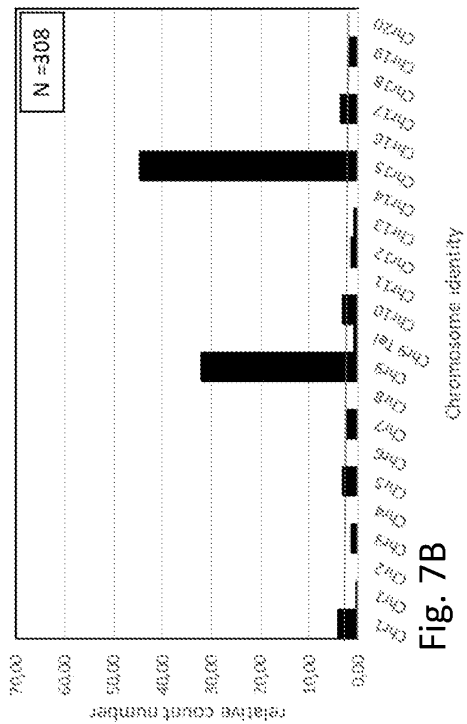
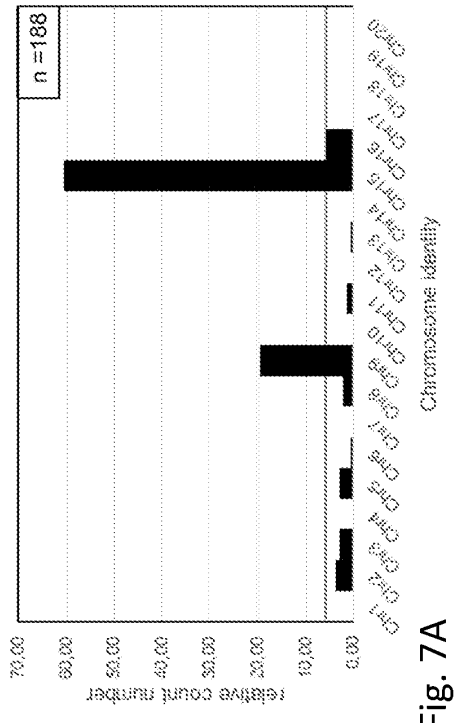
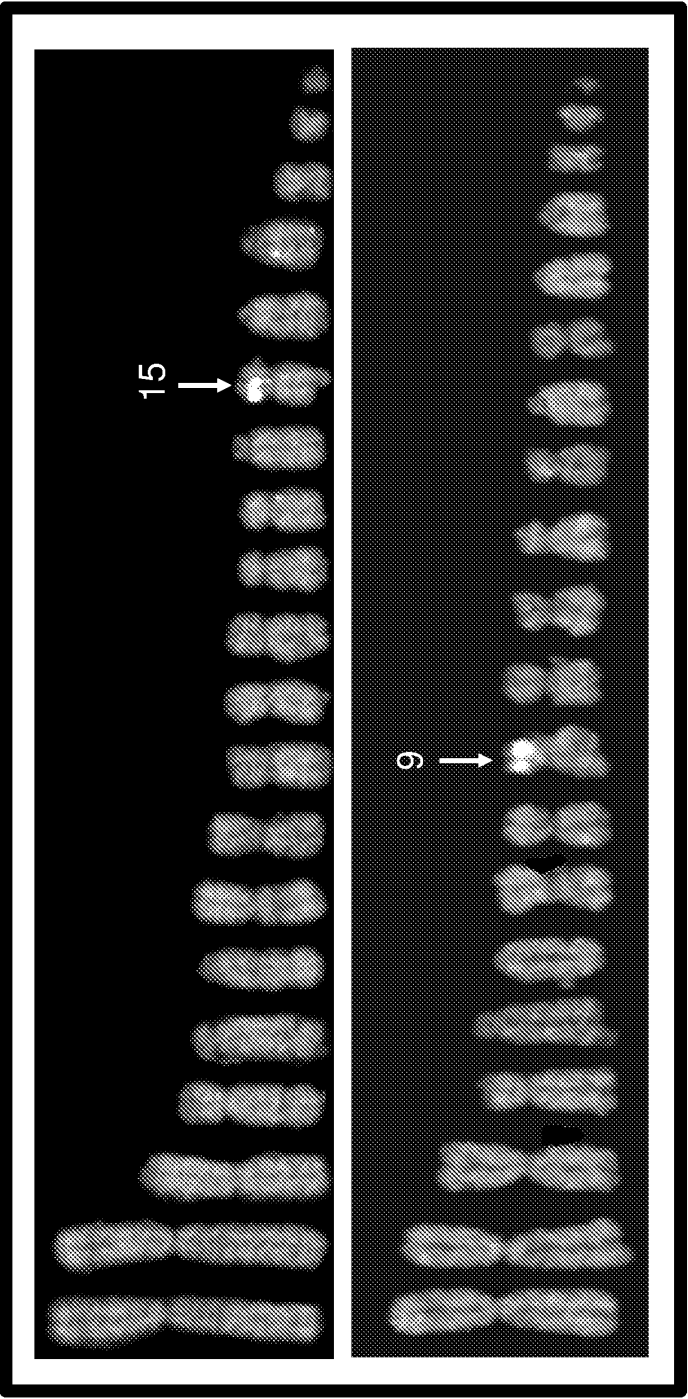
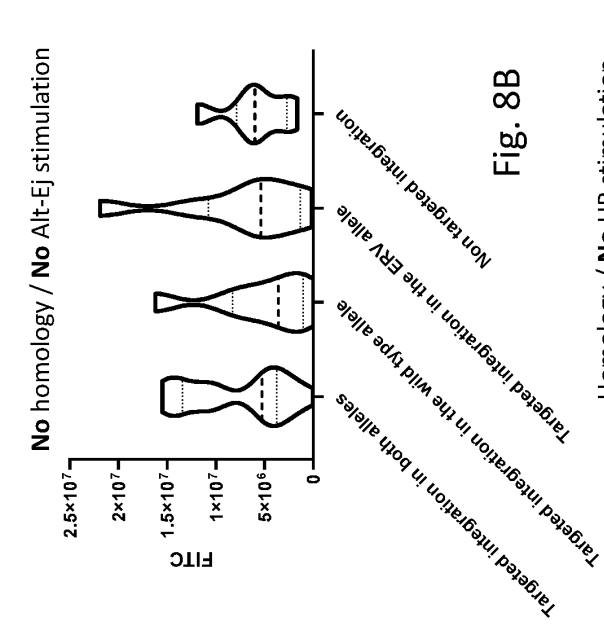
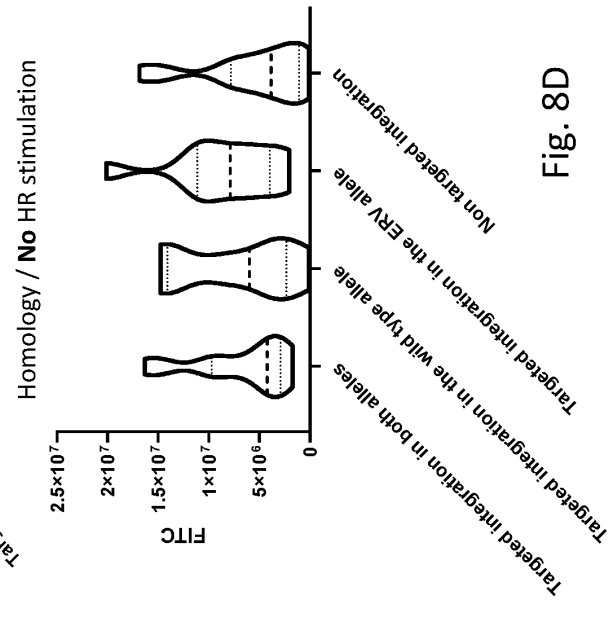
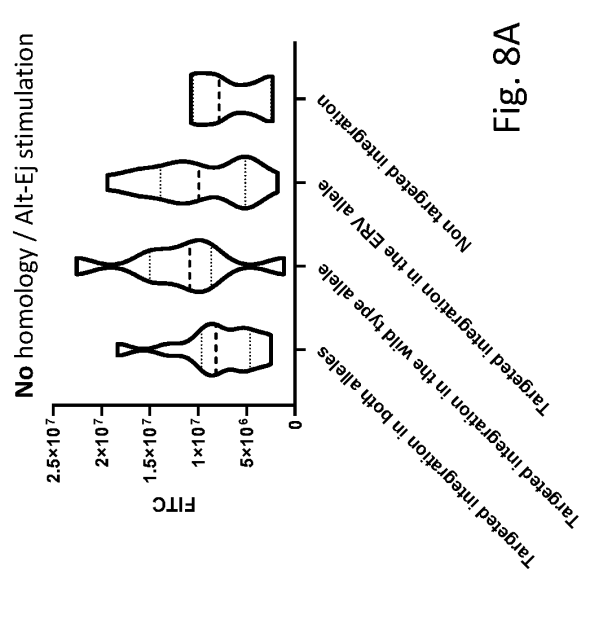
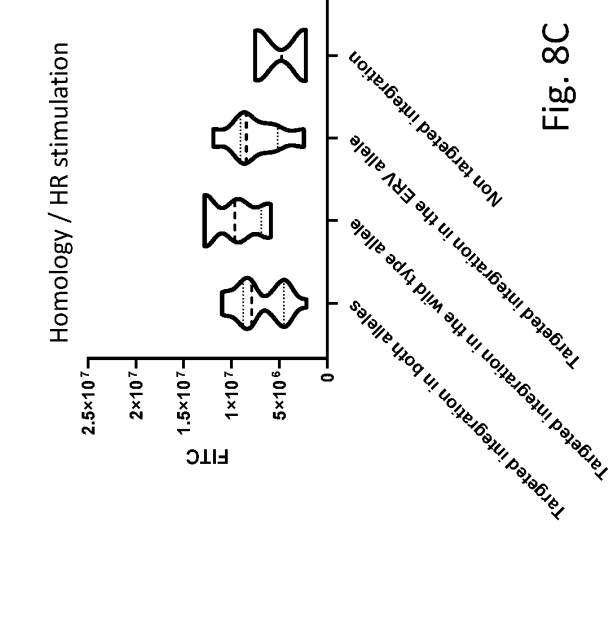


Fig. 6





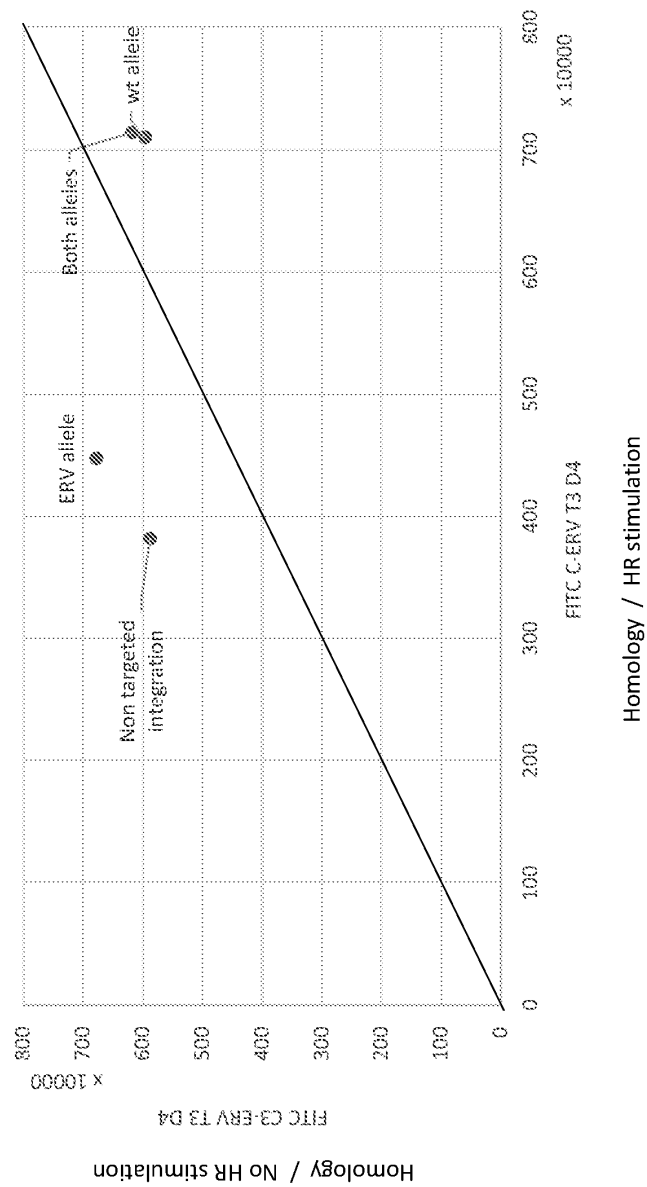


Fig. 9

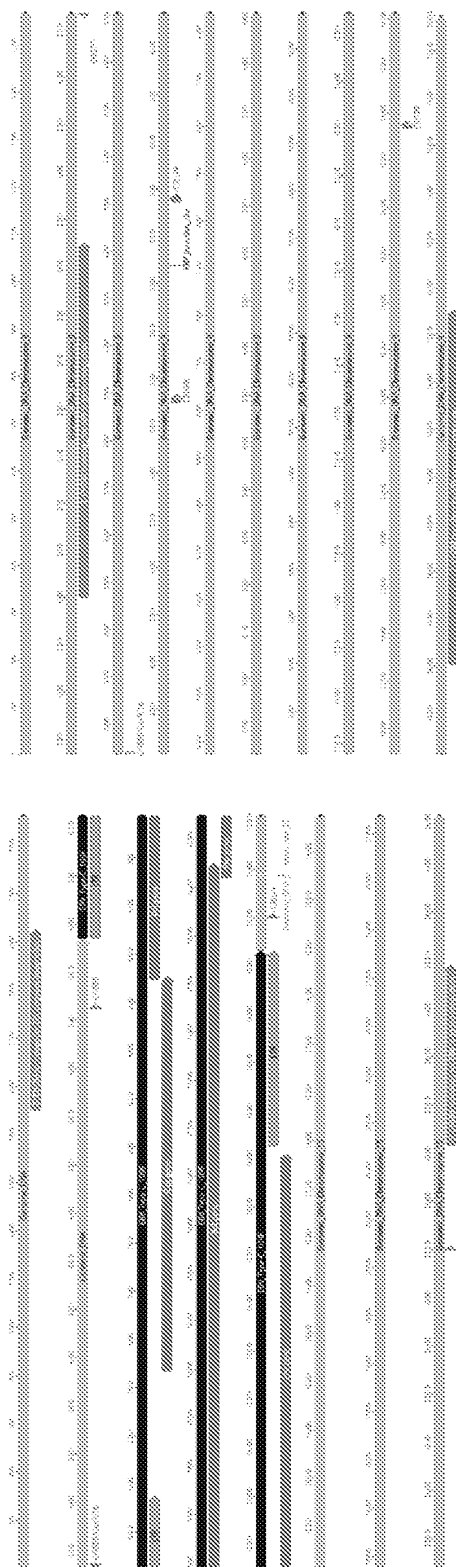
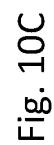


Fig. 10A ERV109F-containing allele, Chromosome 15



Fig. 10B ERV109F-devoid allele, Chromosome_9



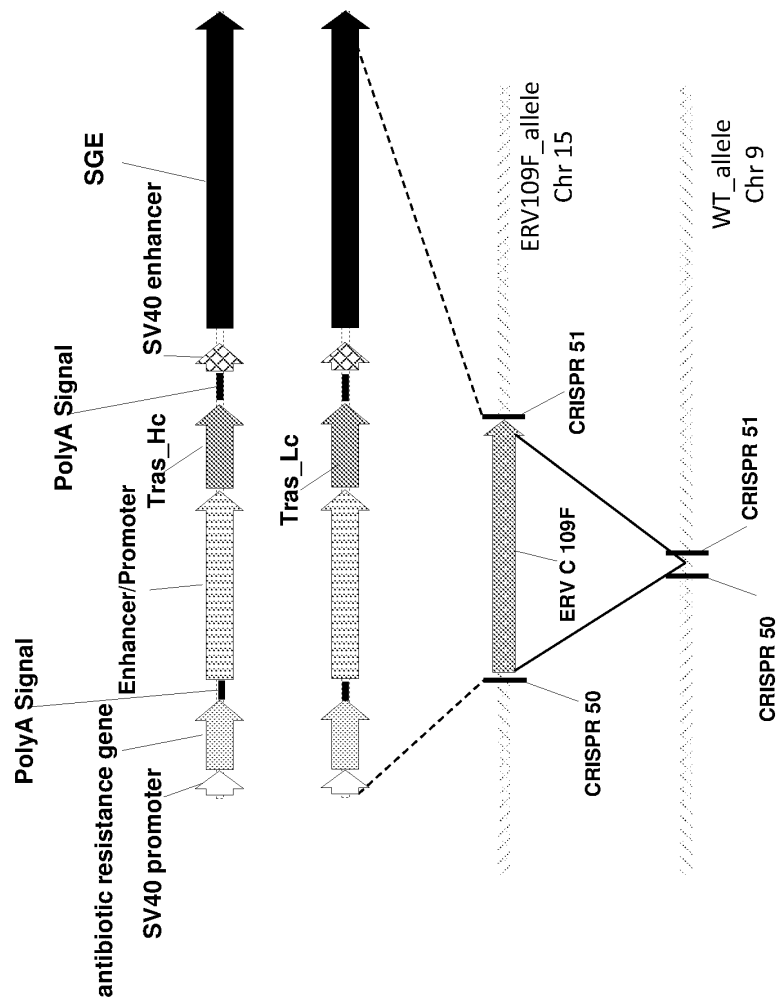
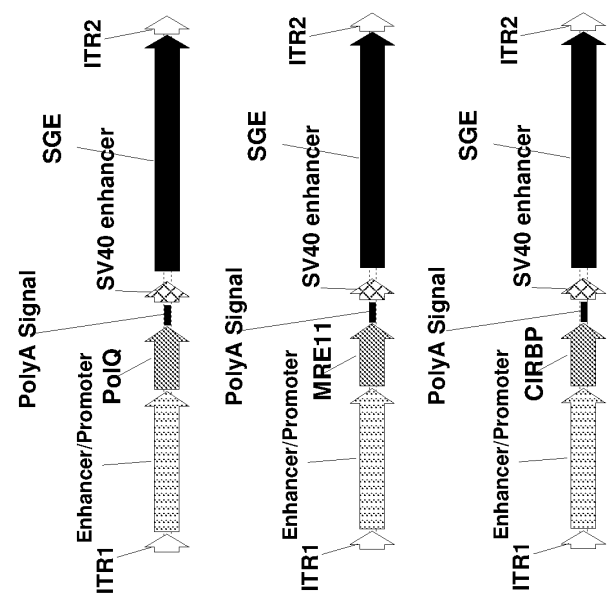
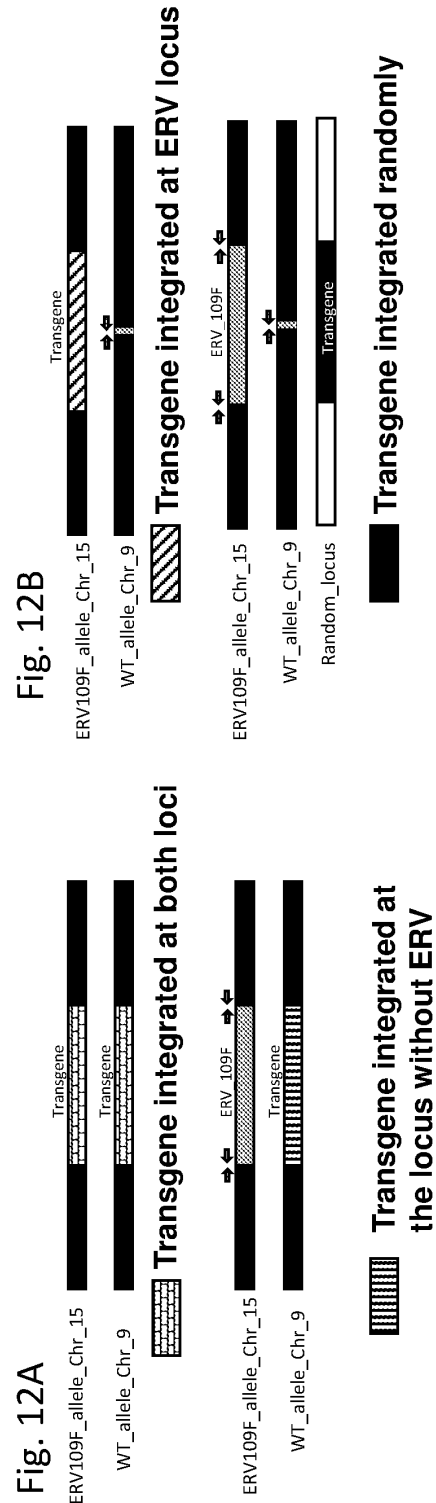


Fig. 11B



Co-transfected vectors for transient expression

Fig. 11A



ERV109F fold reduction of expression

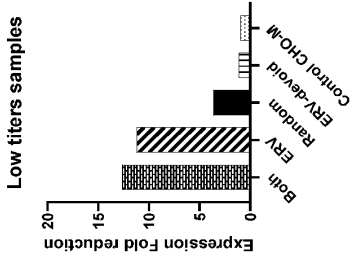


Fig. 13A

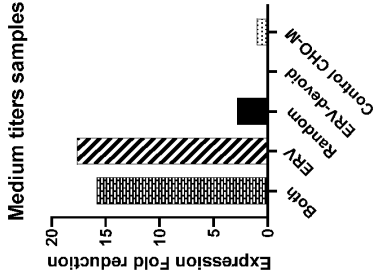


Fig. 13B

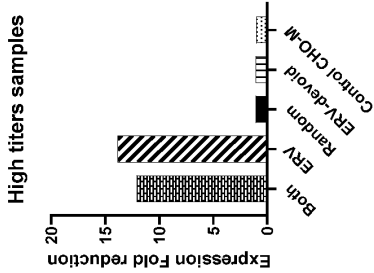


Fig. 13C

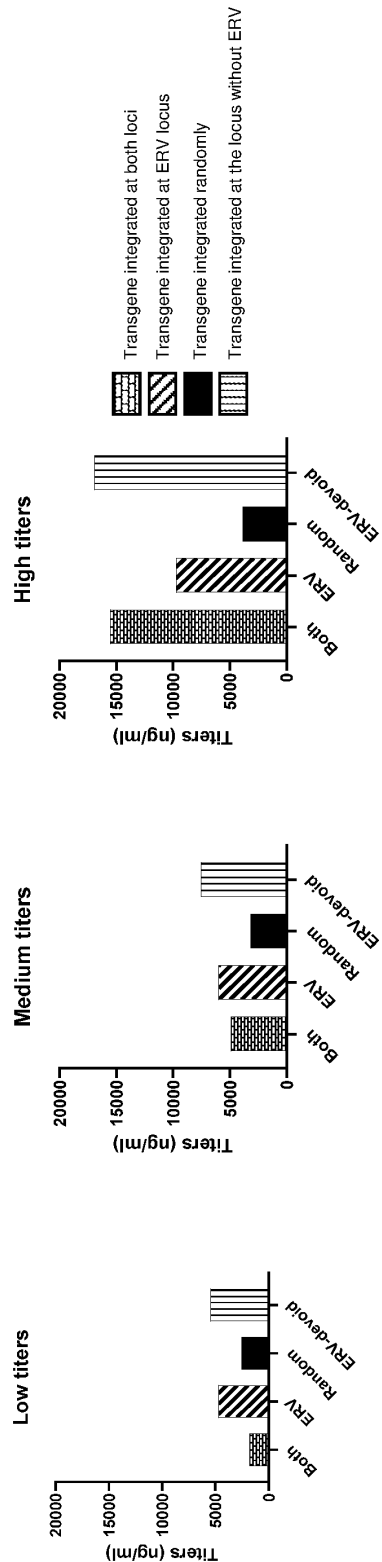


Fig. 14C

Fig. 14B

Fig. 14A

FED-BATCH 24 DEEP-WELL PLATES SHAKING CULTURES

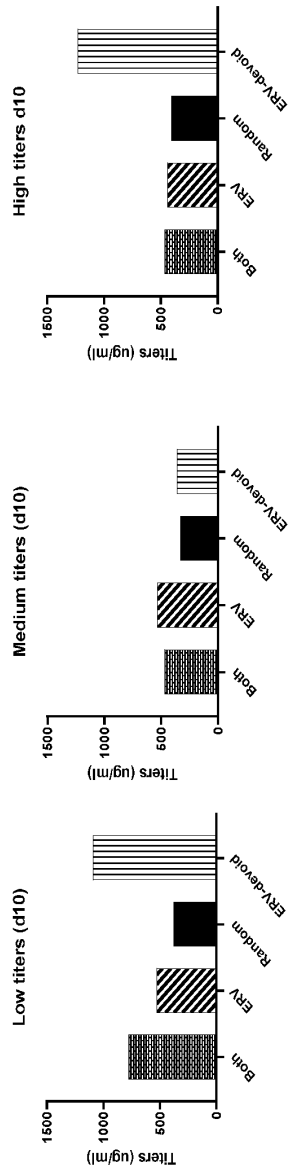


Fig. 15A

Fig. 15B

Fig. 15C

FED-BATCH 96-WELL PLATES STATIC CULTURES

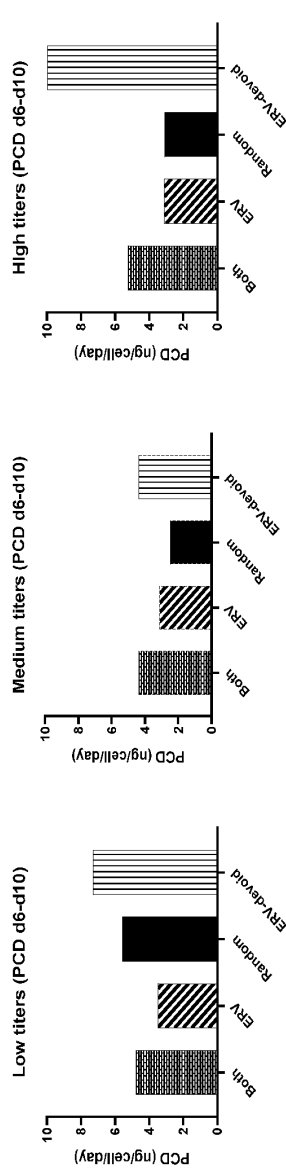


Fig. 15D

Fig. 15E

Fig. 15F

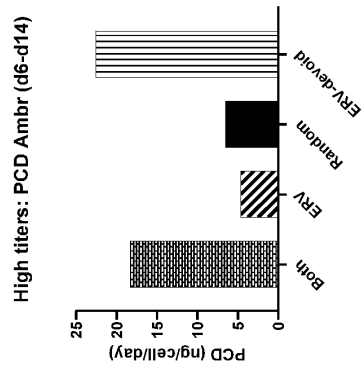


Fig. 16B

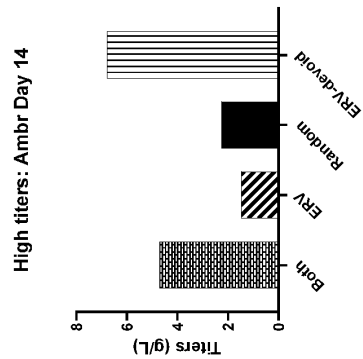


Fig. 16A