

Steps of A B Cell Lineage Based Approach to Vaccine Design

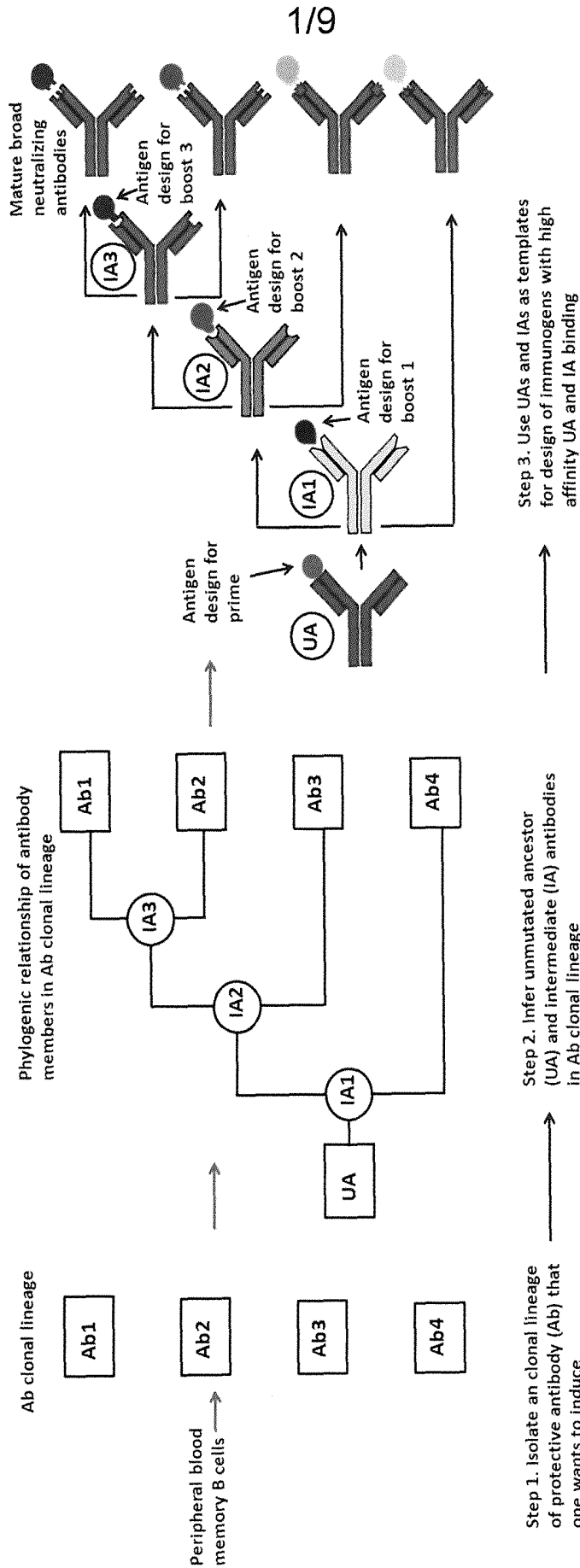


FIG. 1

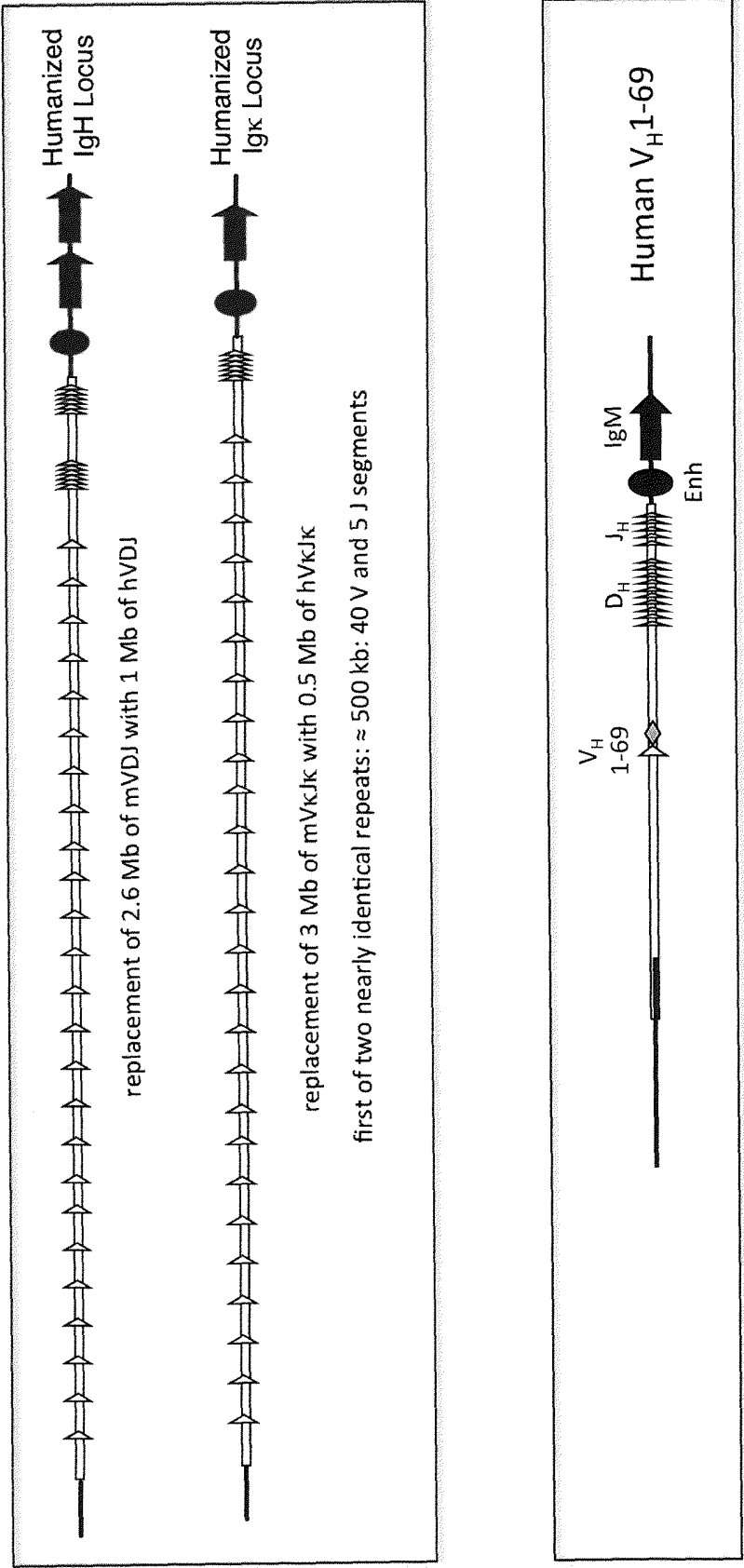


FIG. 2

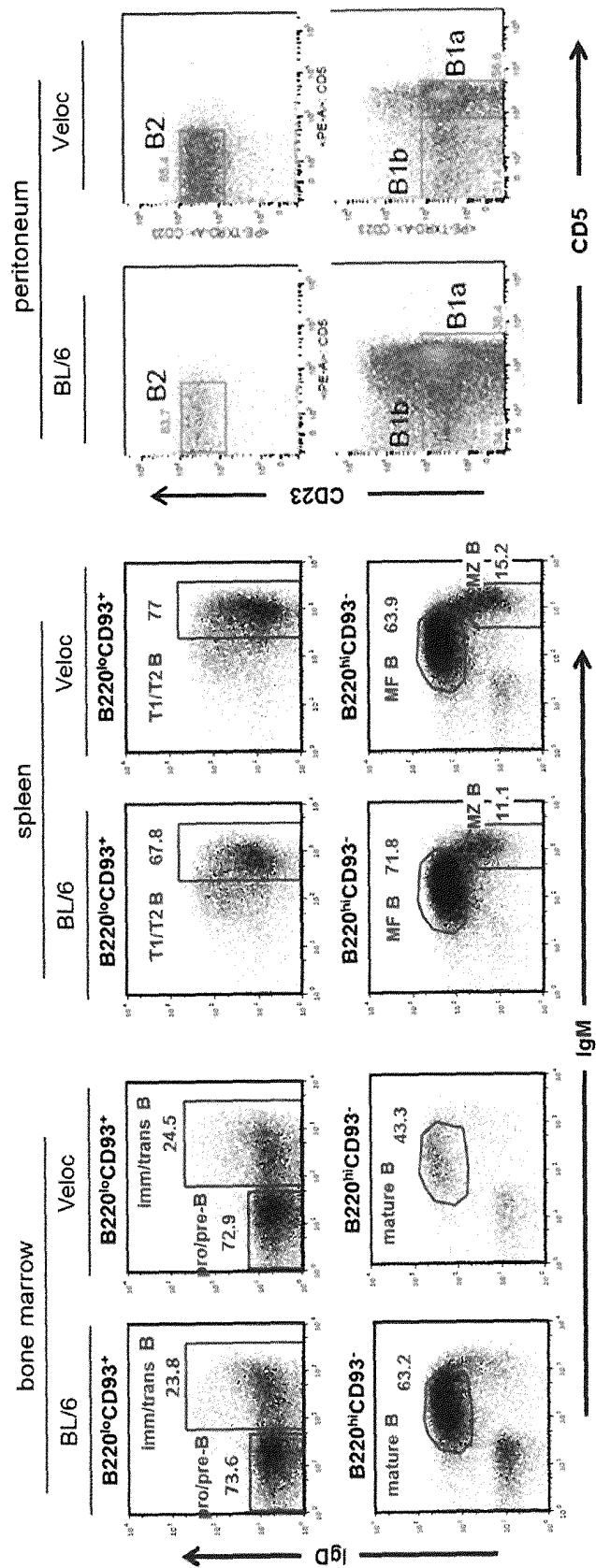


FIG. 3A

Immune cells in Veloclimmune® mice

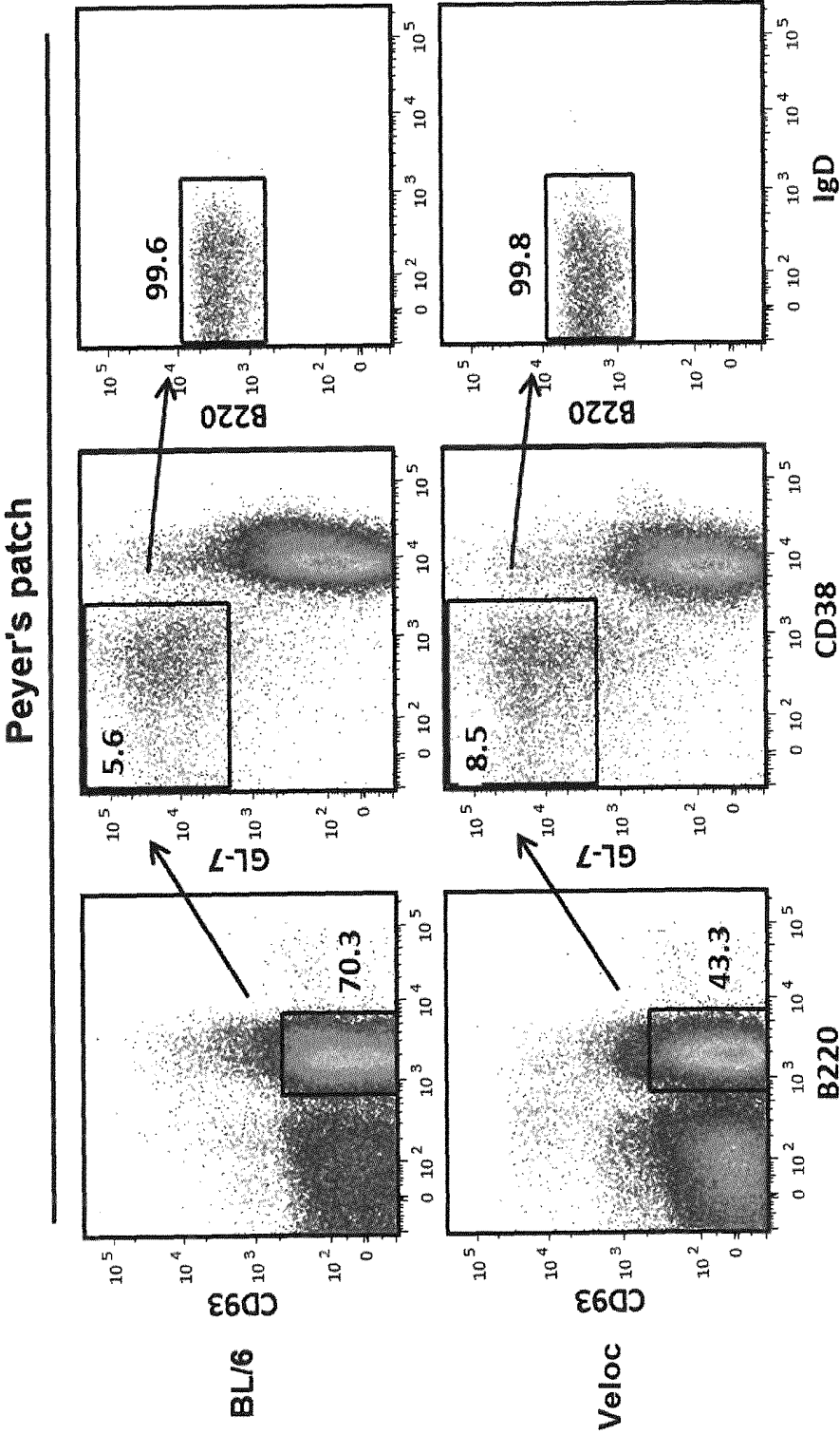


FIG. 3B

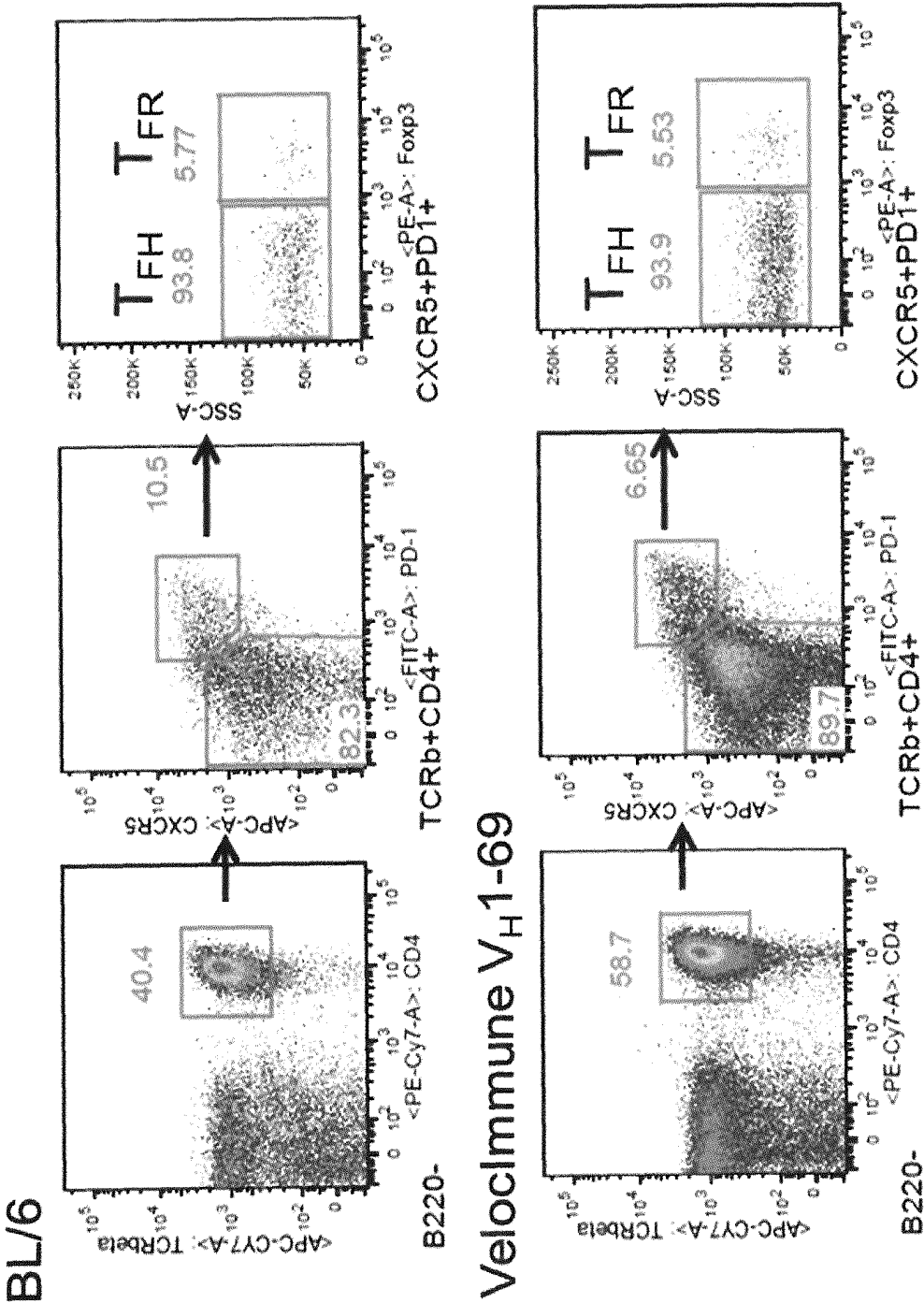


FIG. 4

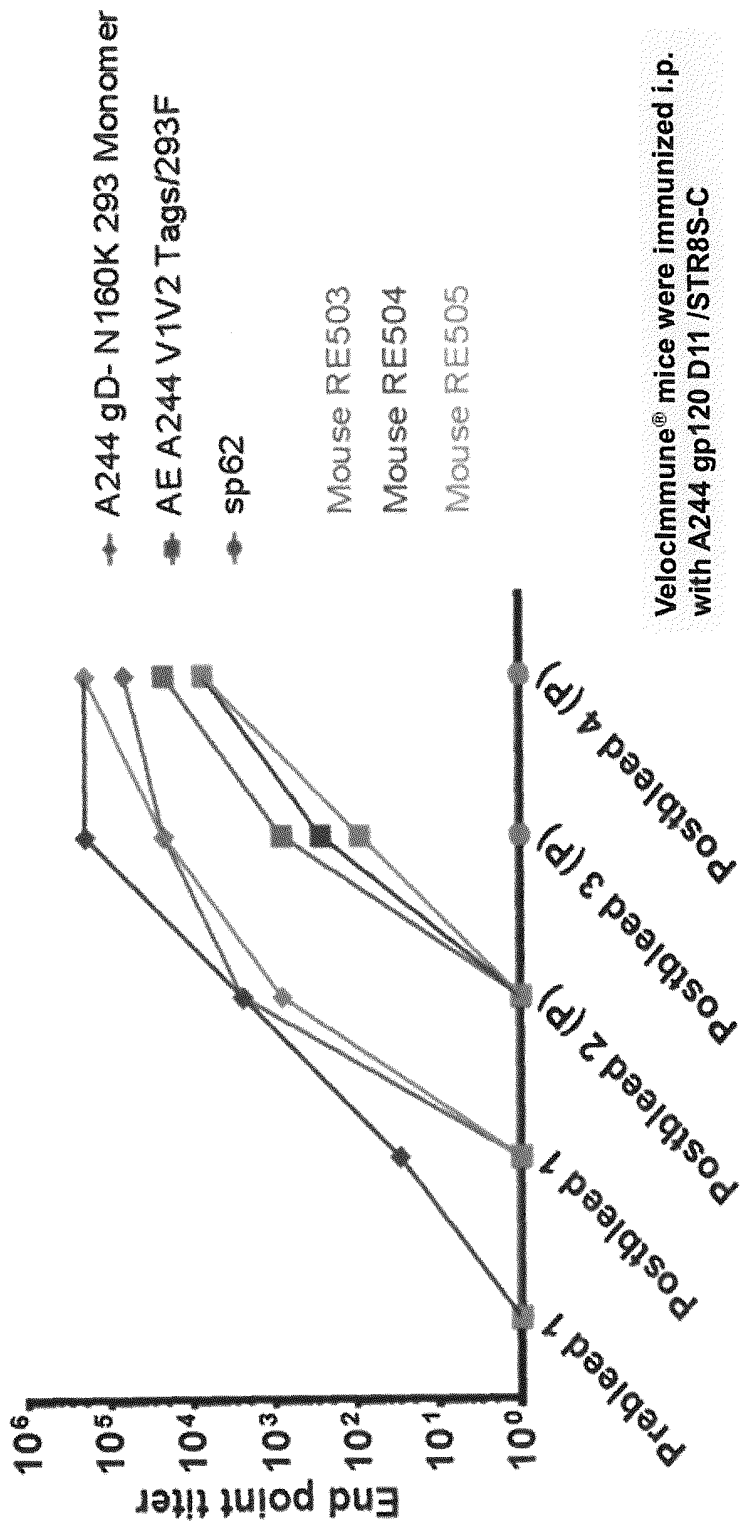


FIG. 5A

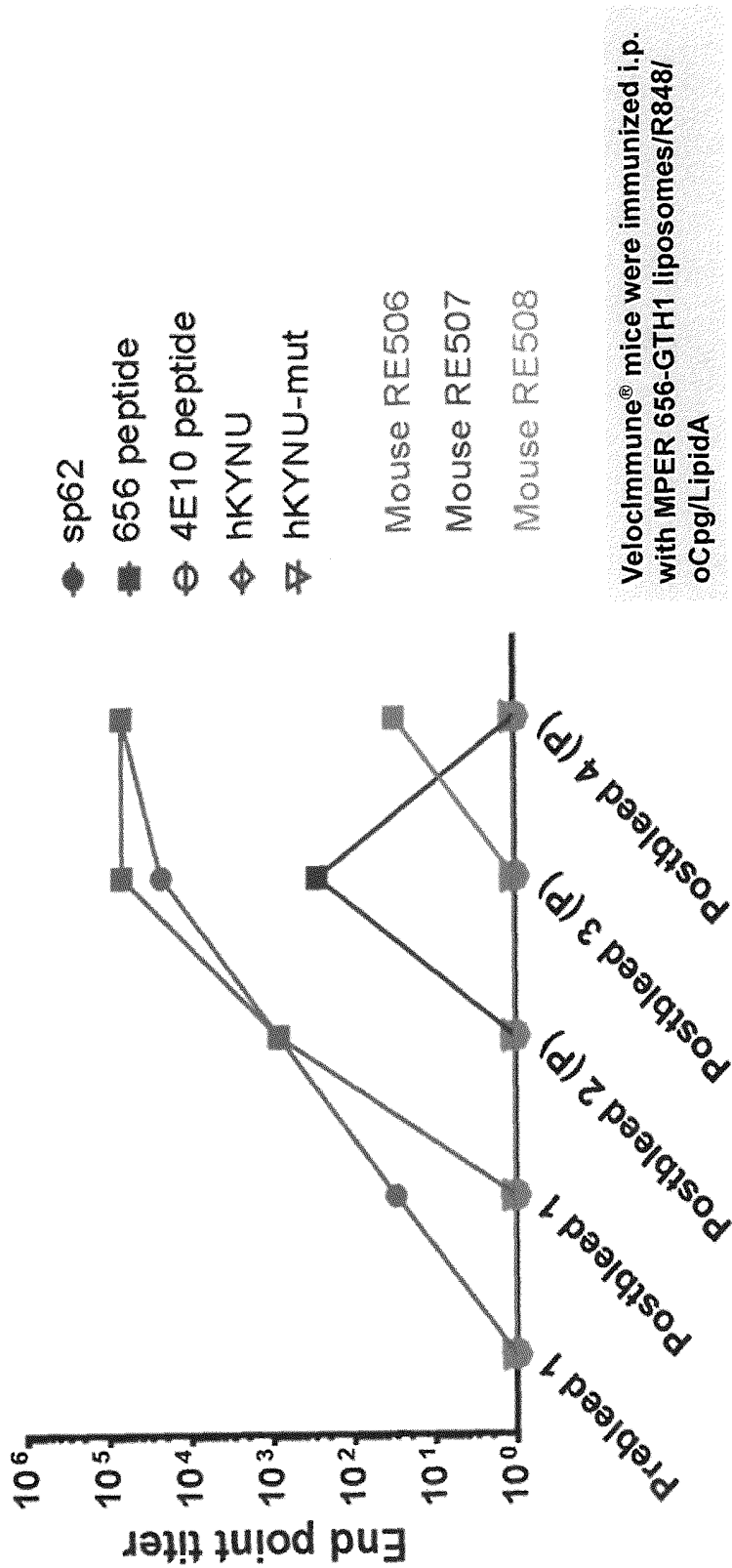
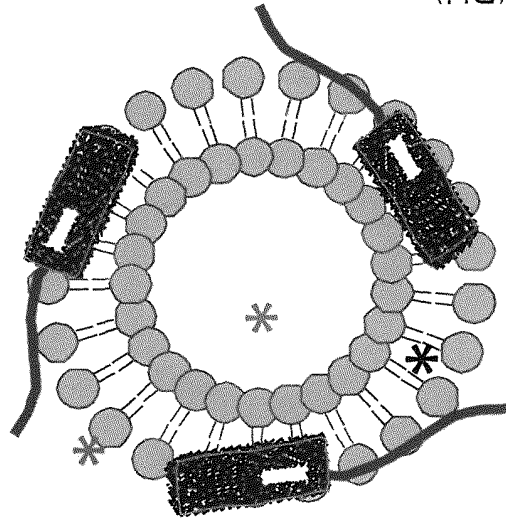


FIG. 5B



MPER peptide-liposome

MPER peptide
NEQELLEDKWASLWNNWFNITNWLWYIK

- * R848 (TLR 7/8)
- * MPL (TLR 4)
- * oCpGs (TLR 9)

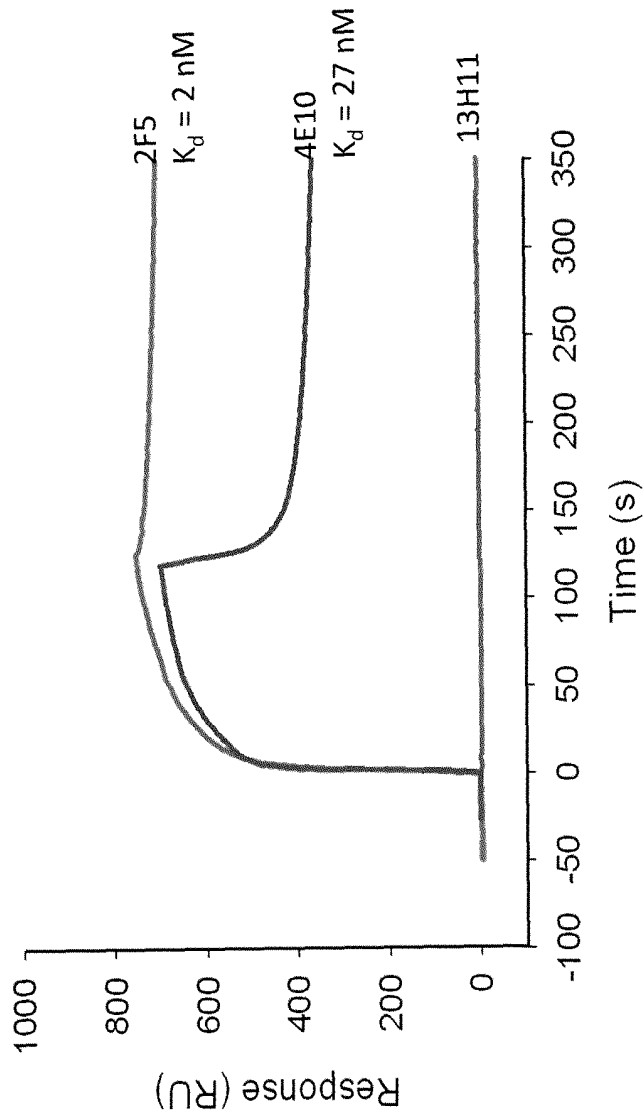
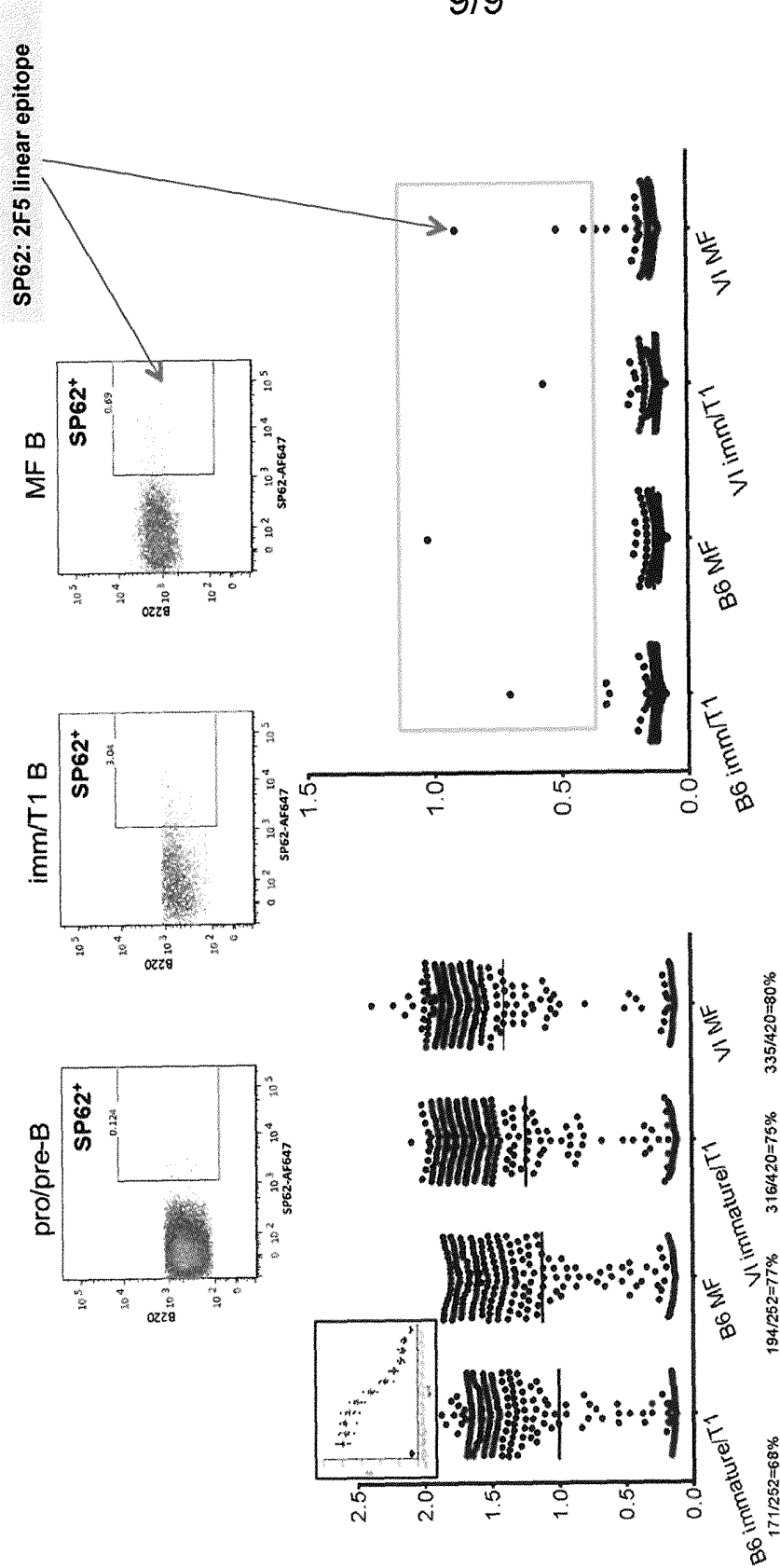


FIG. 6



germline BCR that bind the HIV-1 2F5 epitope with high avidity - targets for new vaccines

FIG. 7