

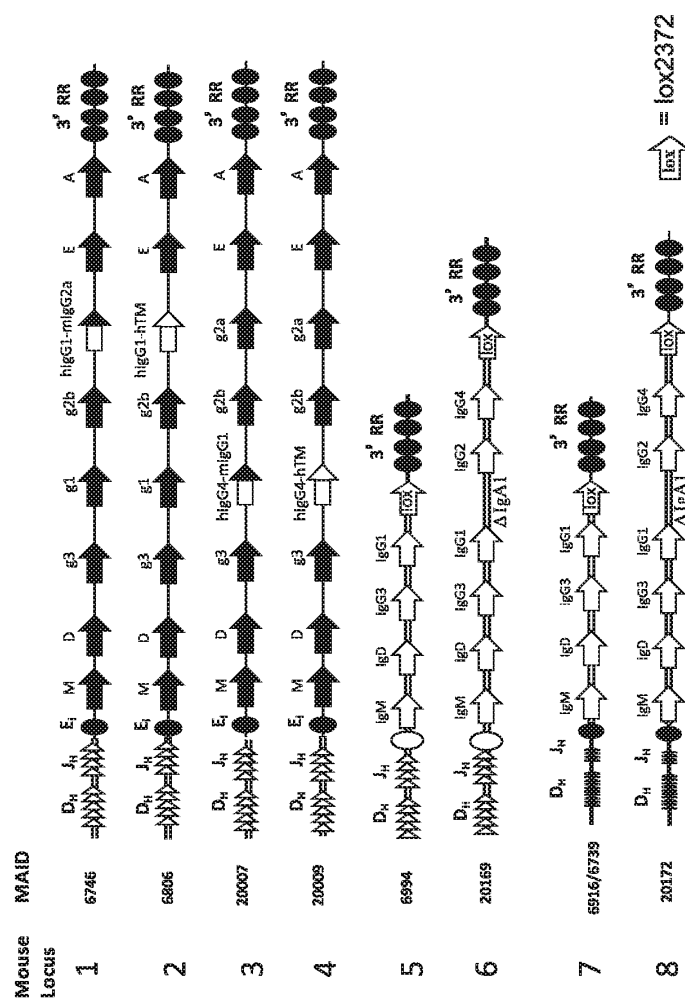


Figure 1A

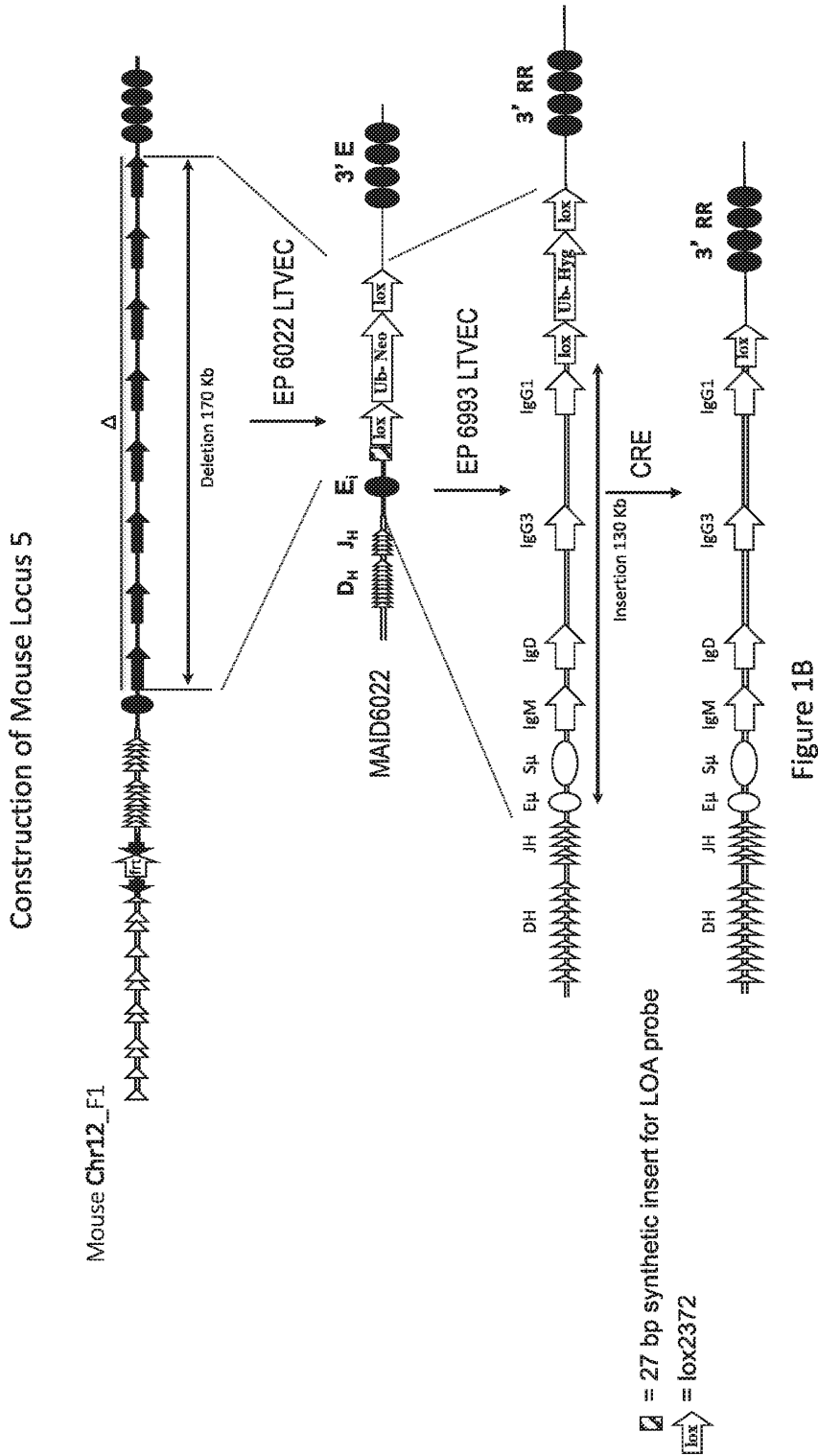


Figure 1B

Construction of Mouse Locus 6

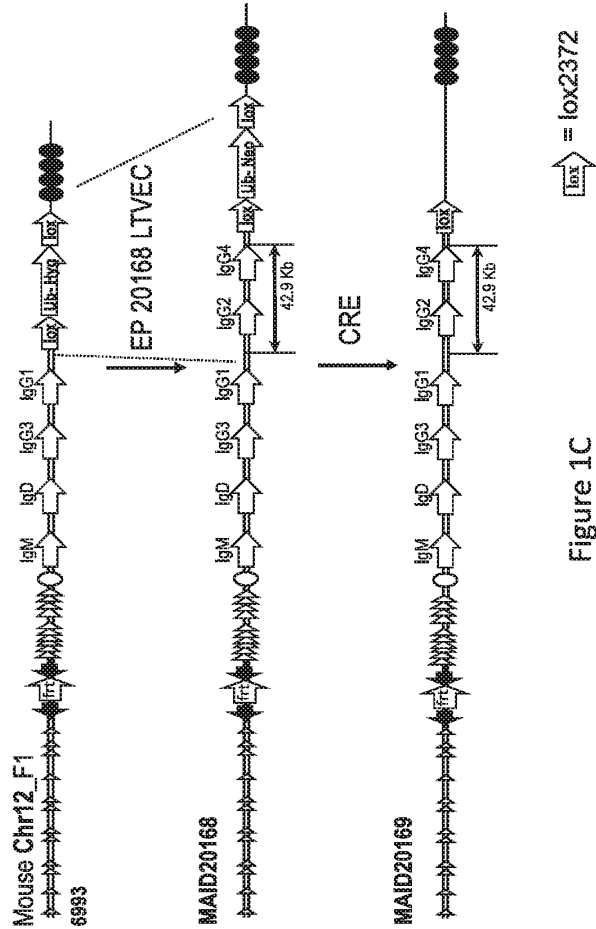


Figure 1C

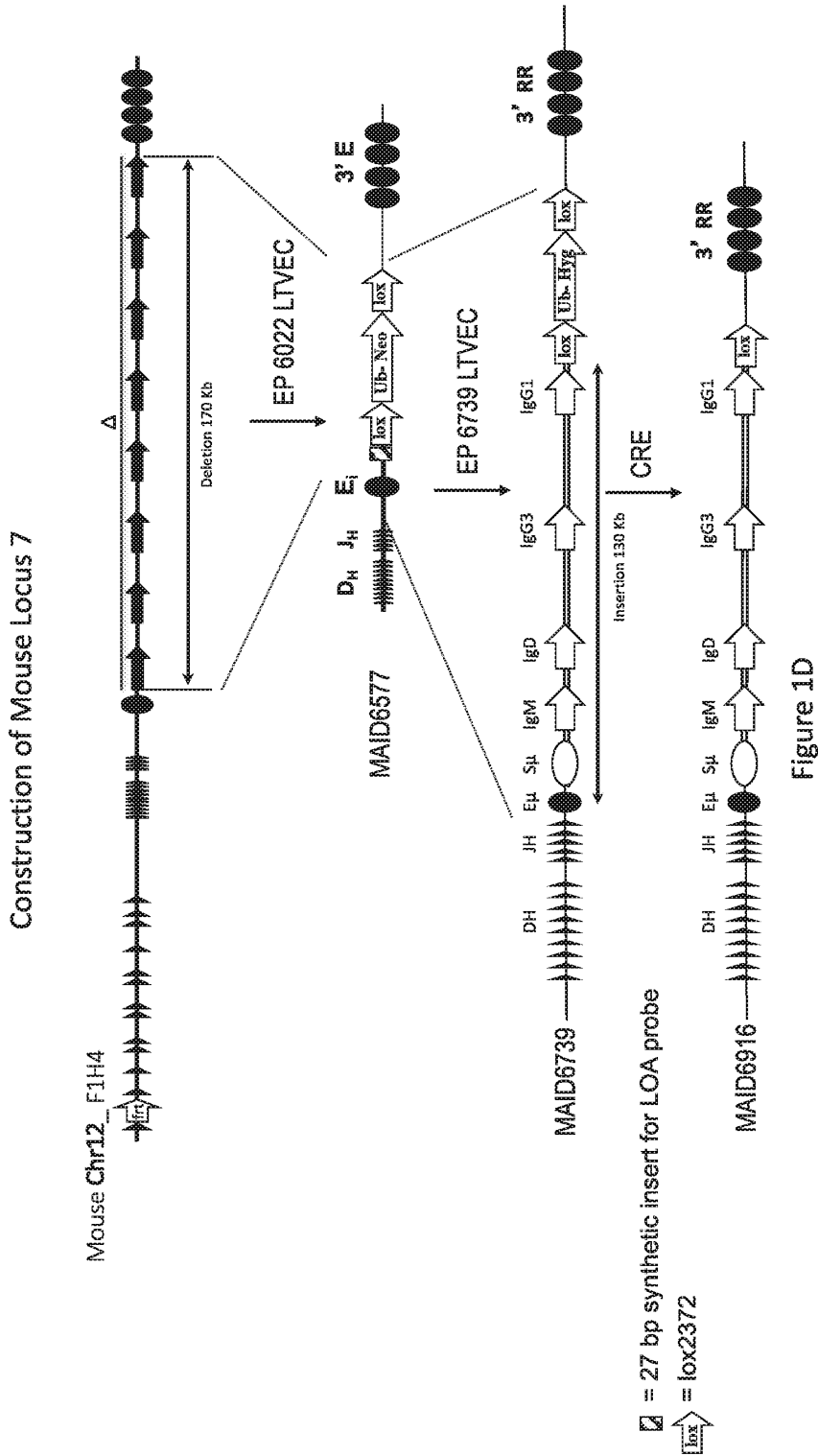


Figure 1D

Construction of Mouse Locus 8

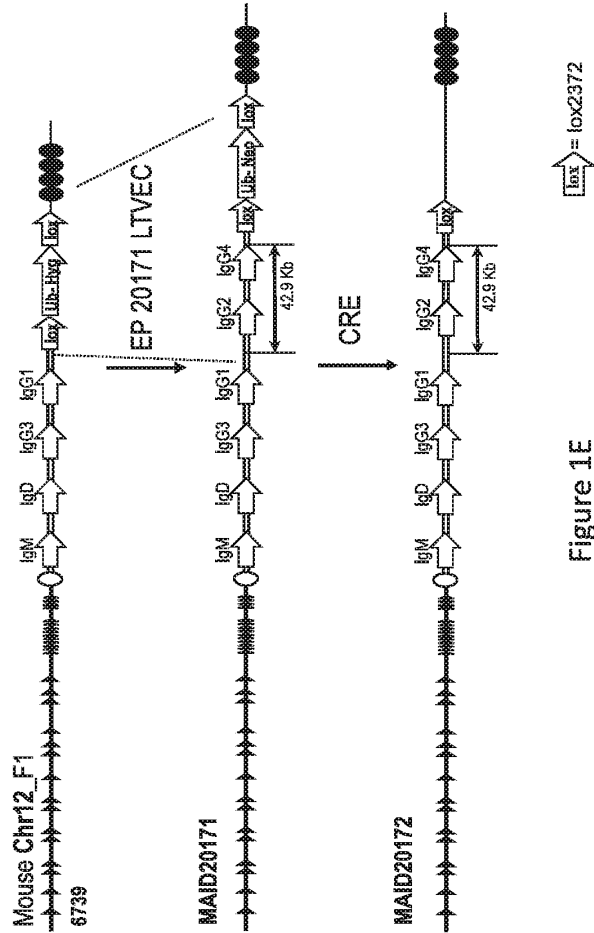


Figure 1E

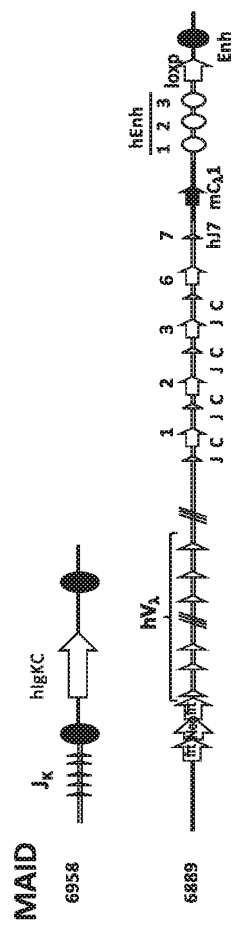


Figure 2A

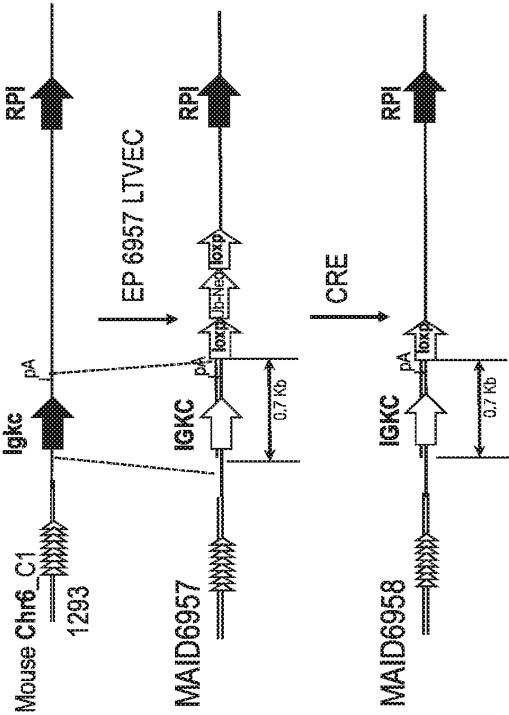


Figure 2B

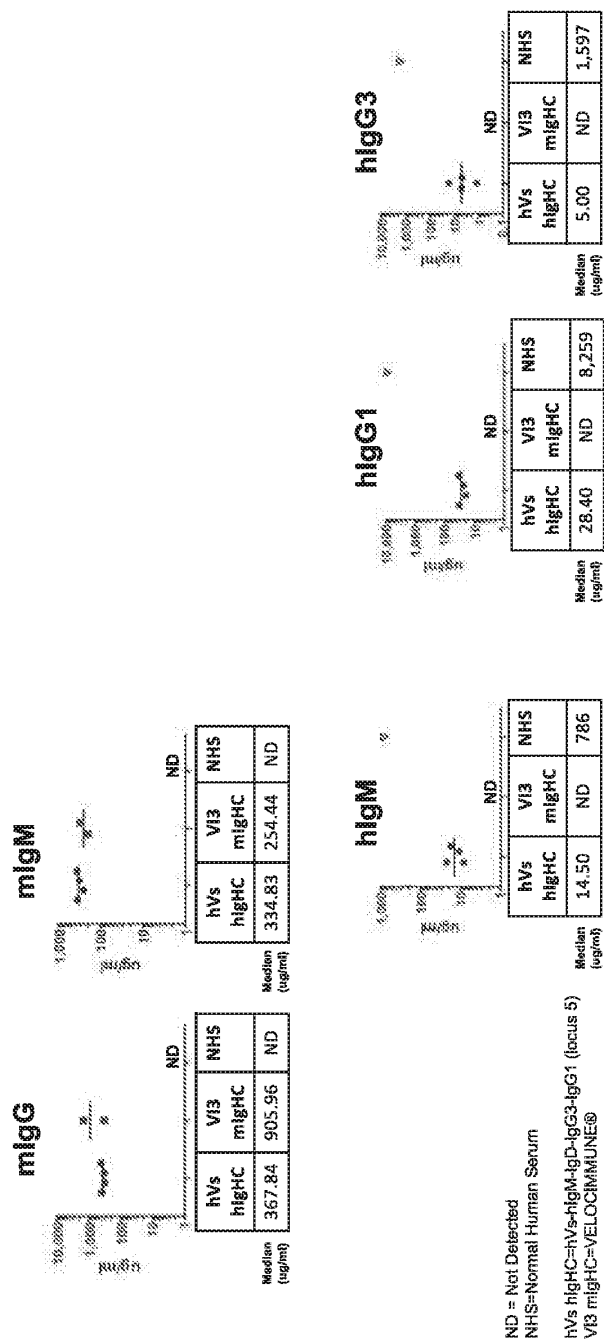


Figure 3A

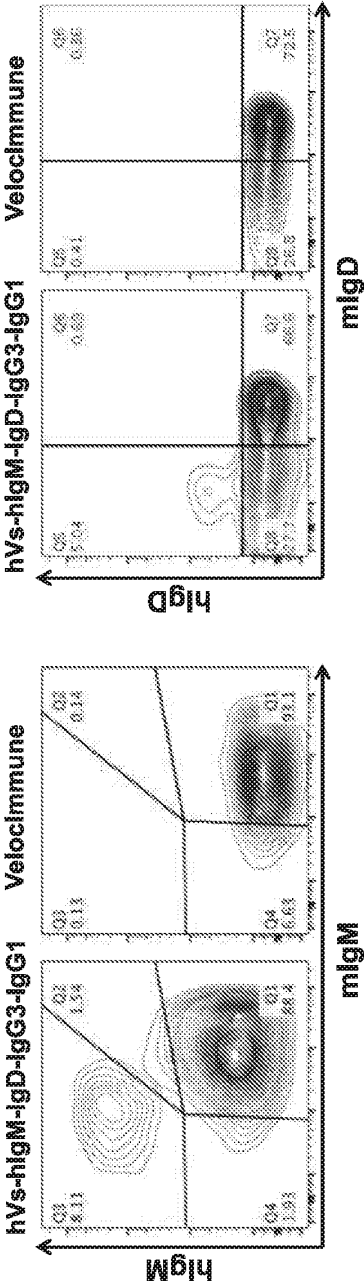


Figure 3B

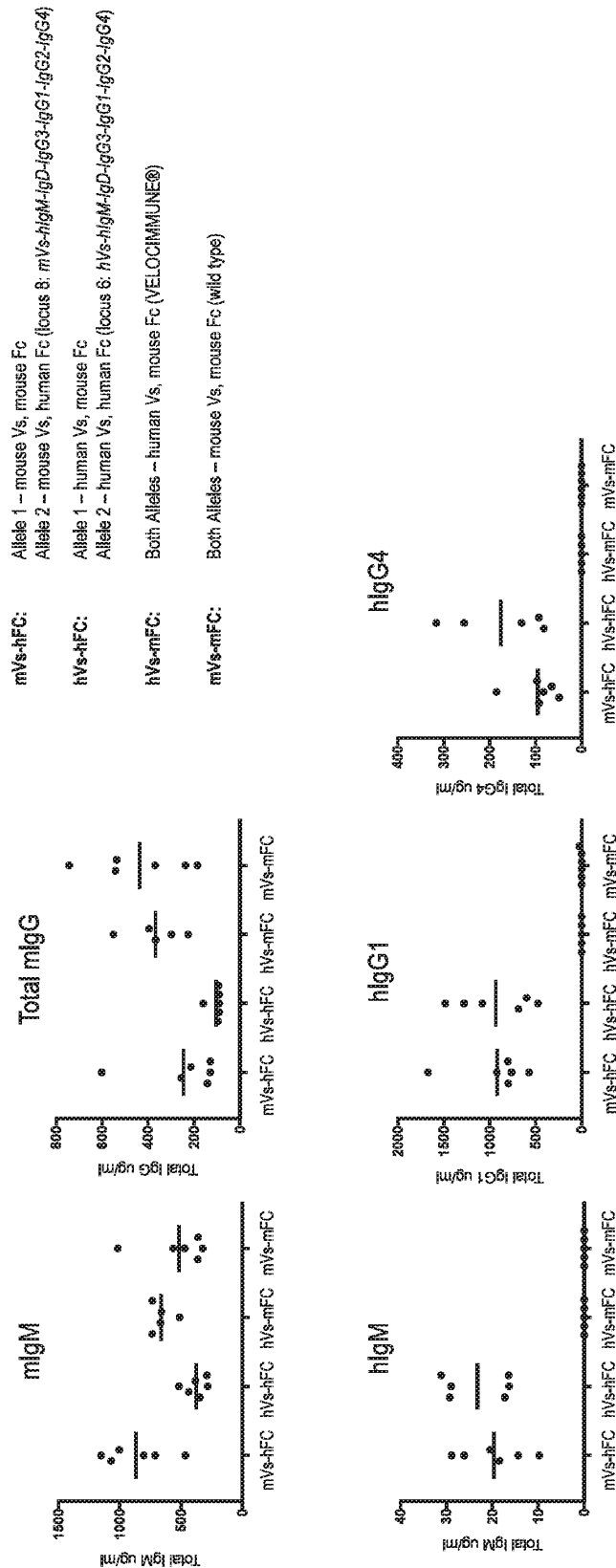
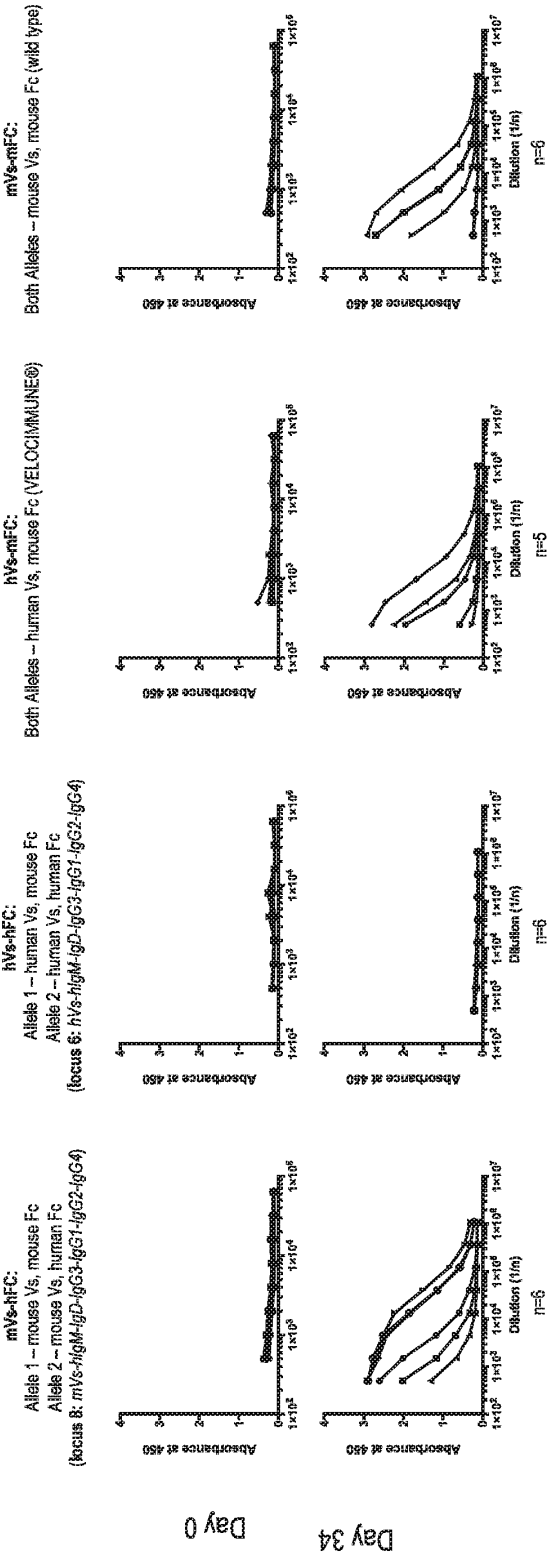


Figure 3C



Mice were given a single subcutaneous injection of a hlgG4 antibody and then Mouse against Human antibodies were detected by ELISA

Figure 3D

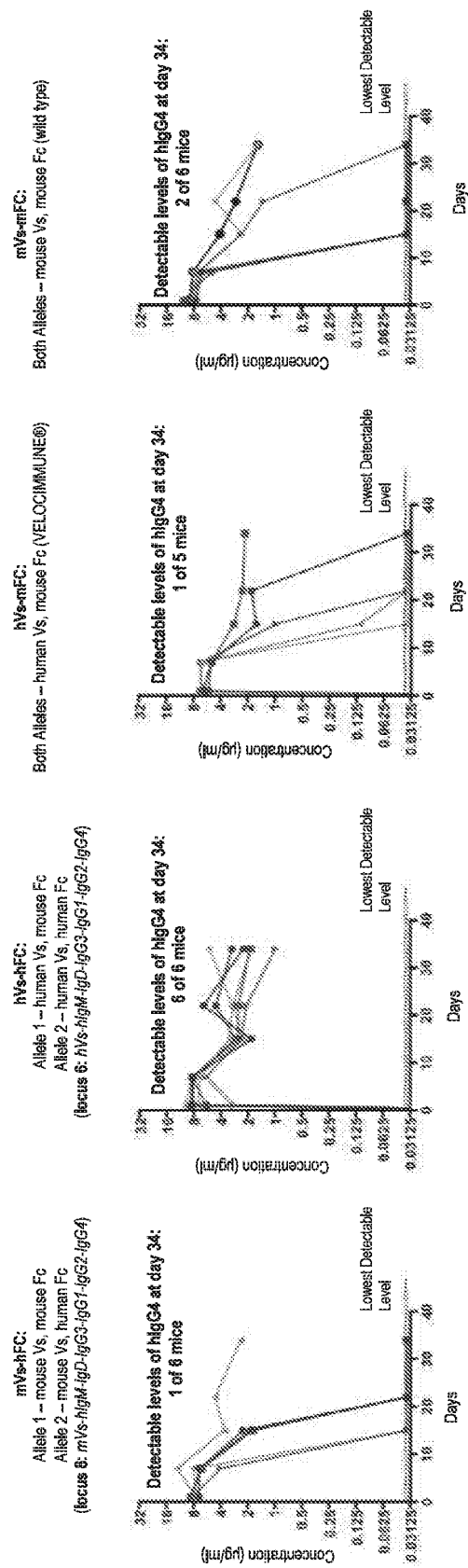


Figure 3E

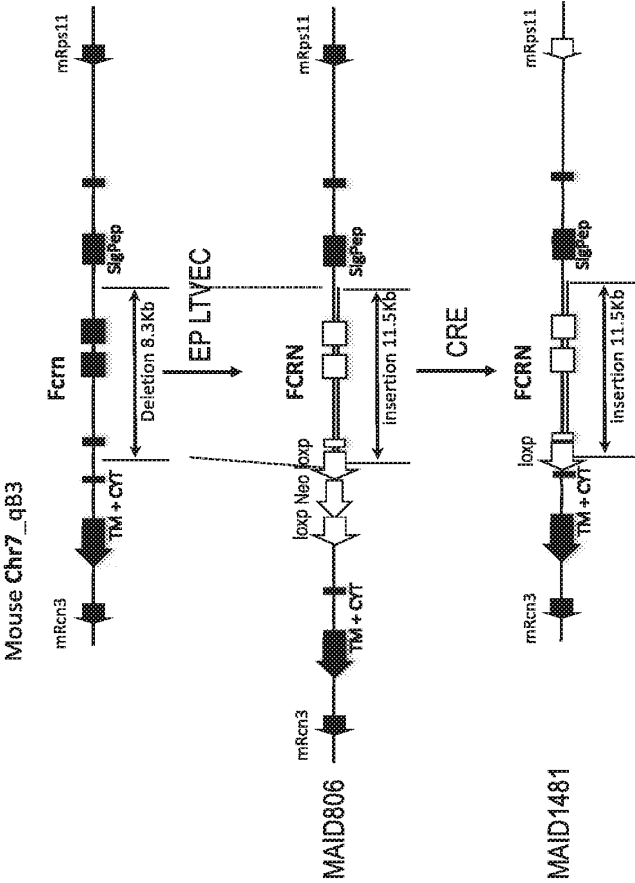


Figure 4

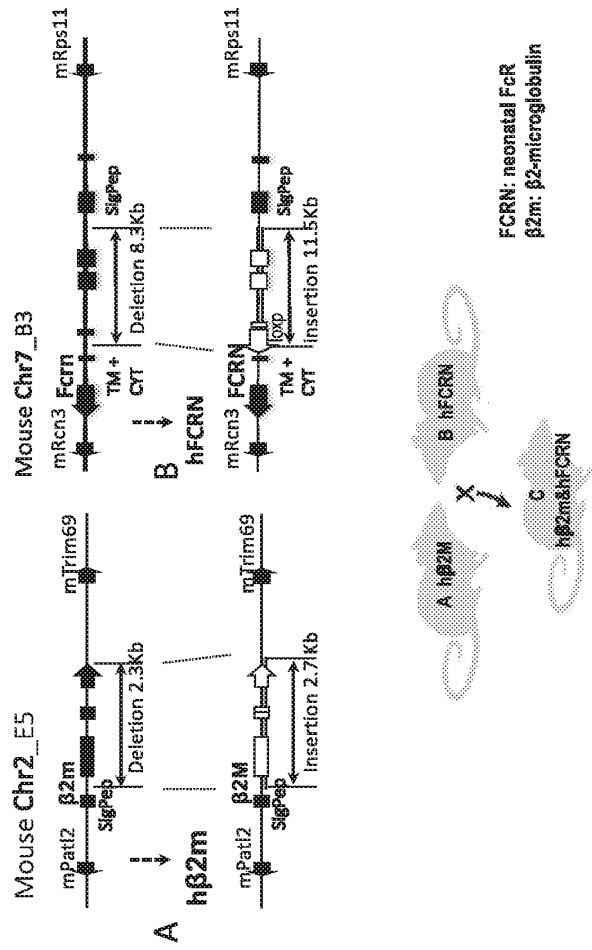


Figure 5

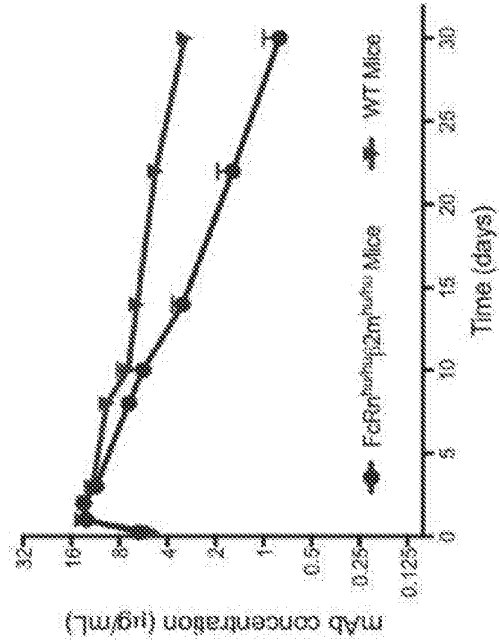


Figure 6

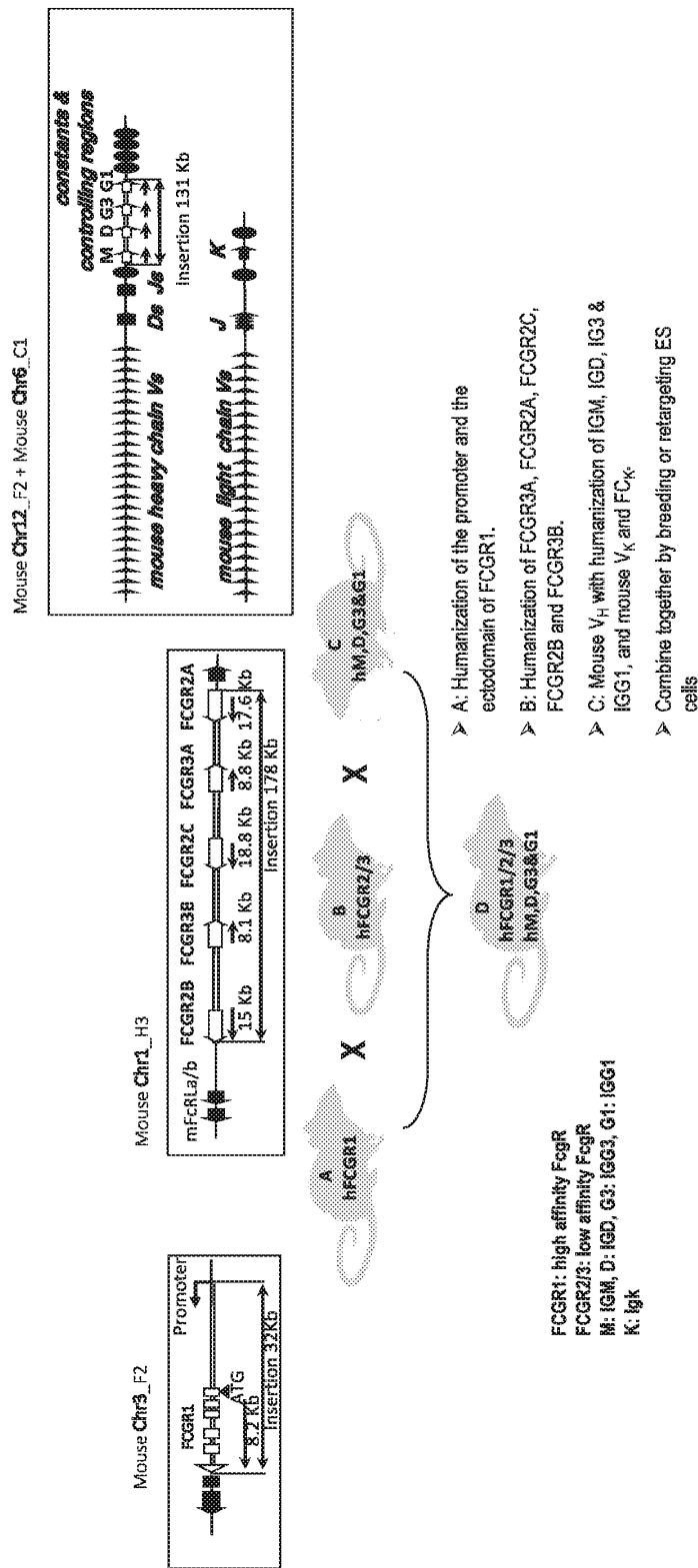


Figure 7

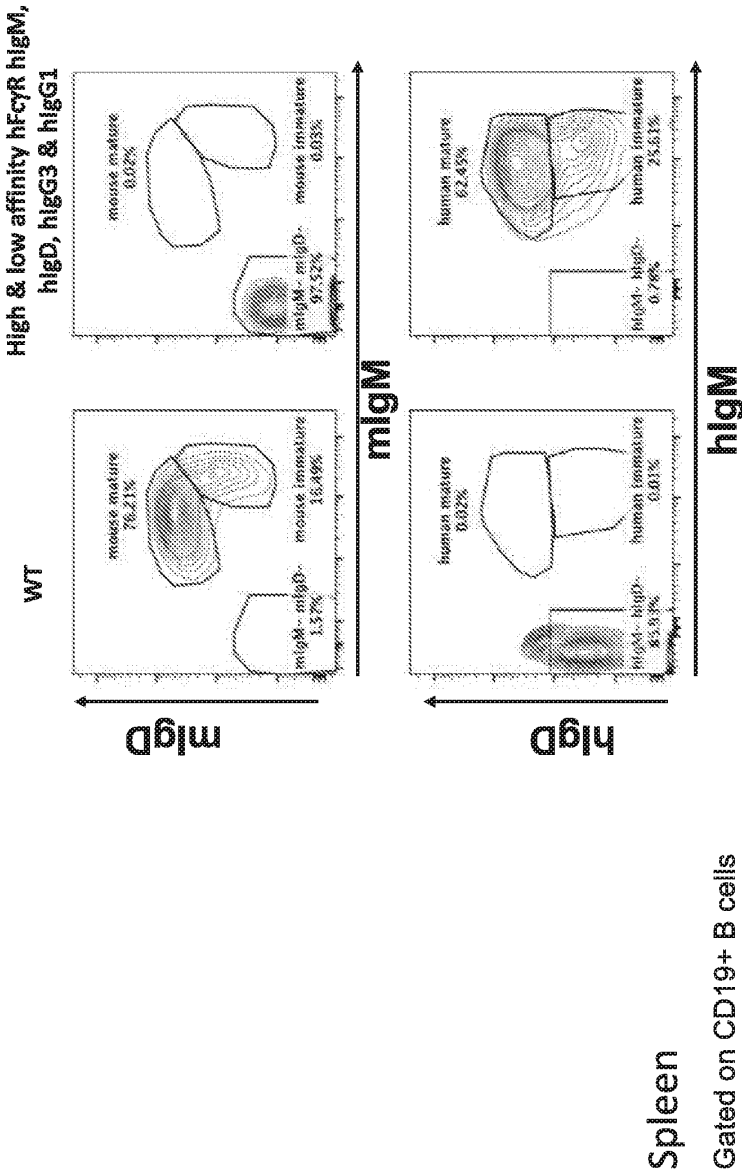


Figure 8A

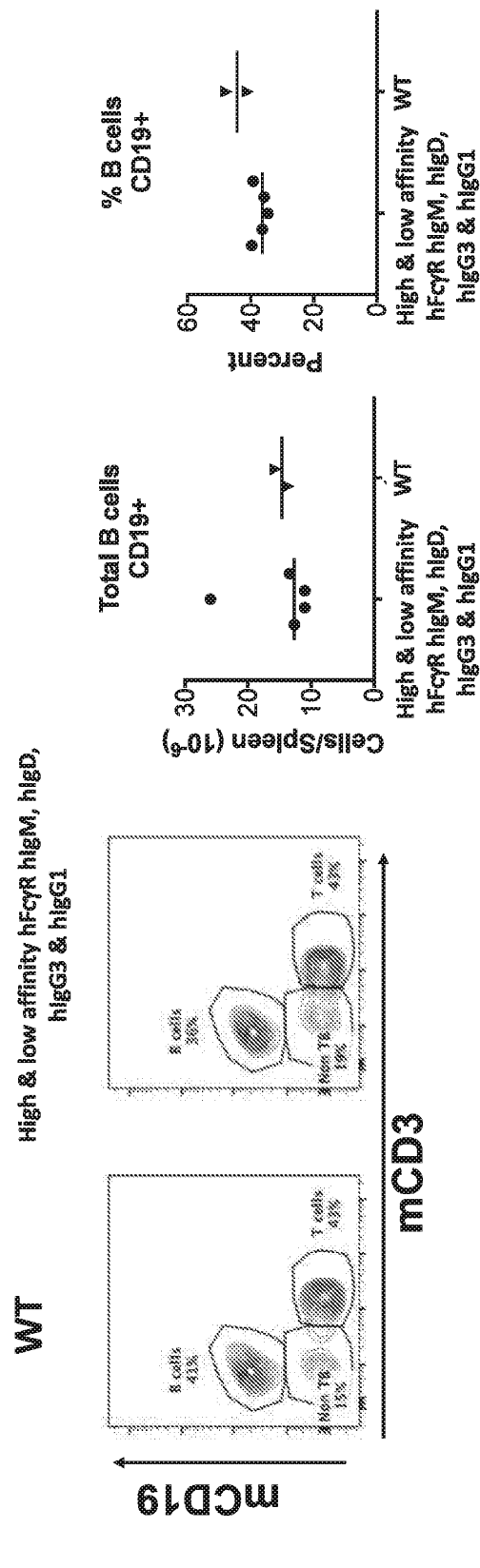
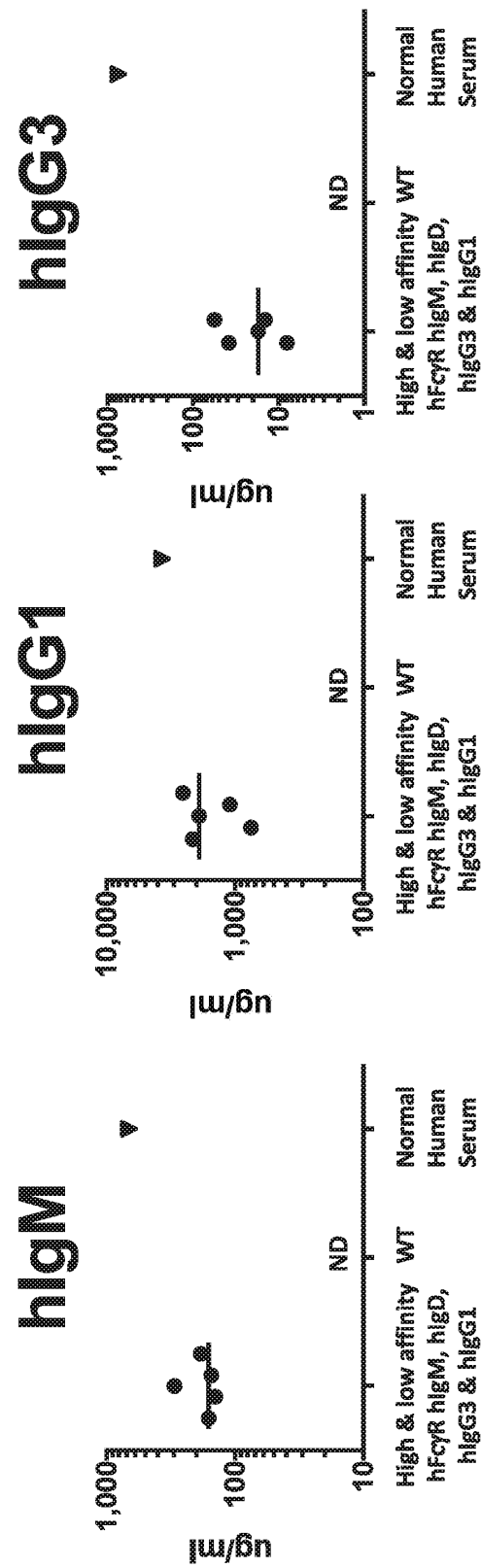


Figure 8B

Spleen
Gated on live singlets



ND = Not Detected

Figure 8C

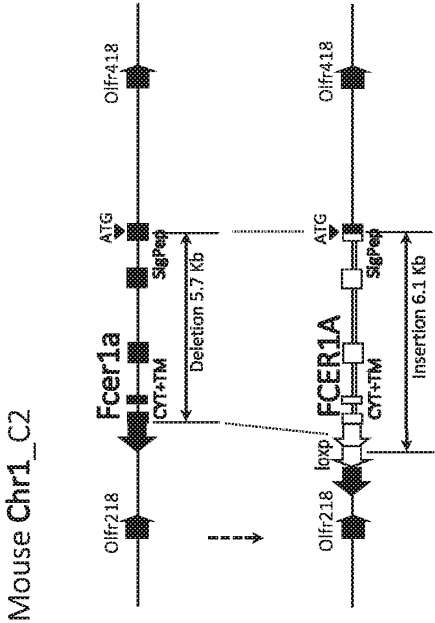


Figure 9

Humanized FcεR1α is expressed on the surface of basophils

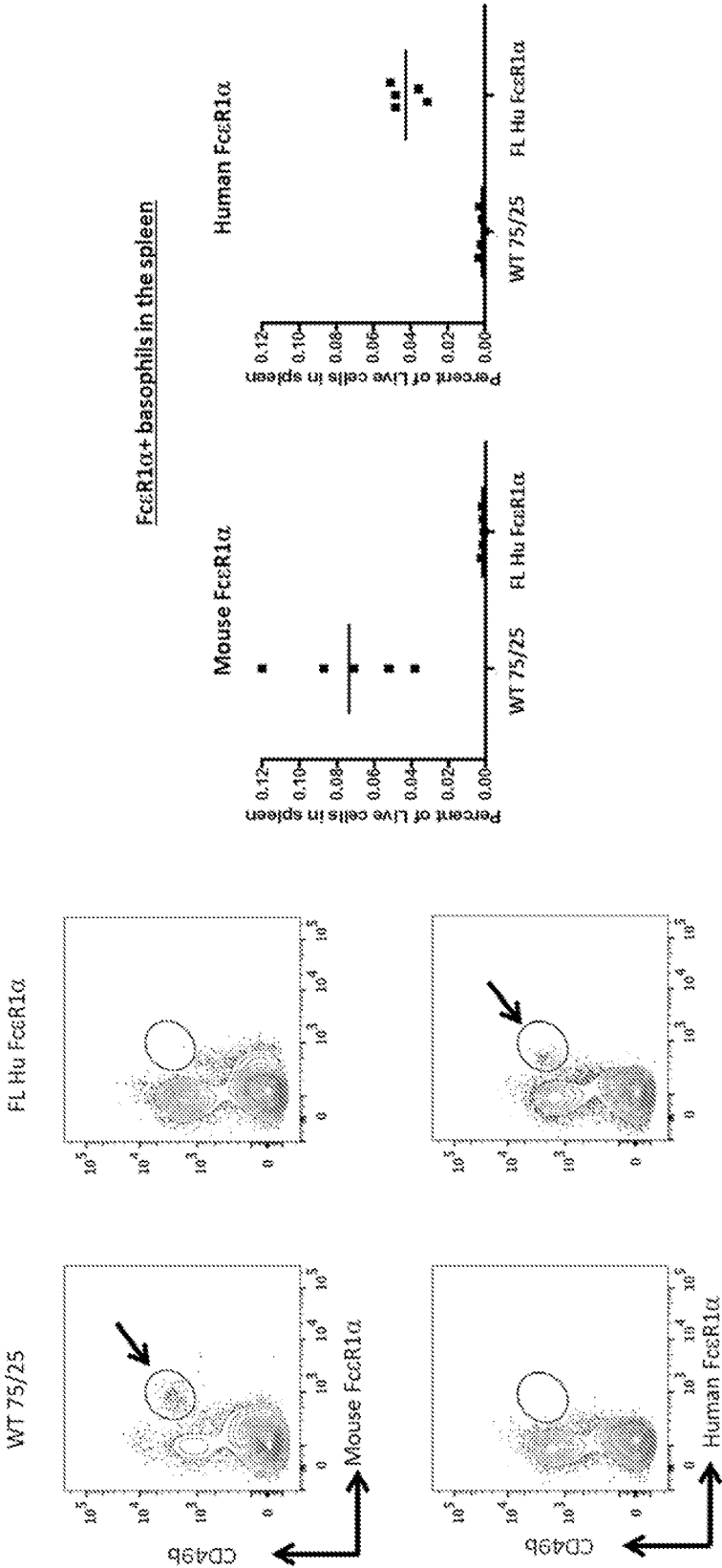


Figure 10

Humanized FcεR1α is functional

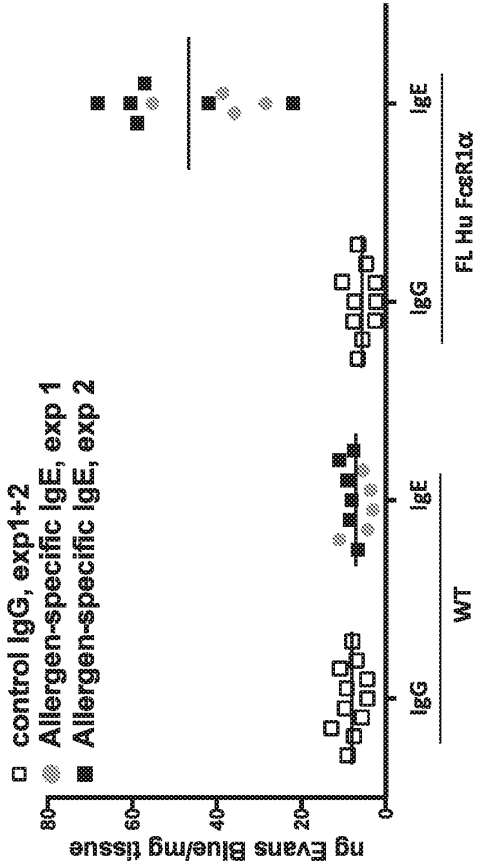
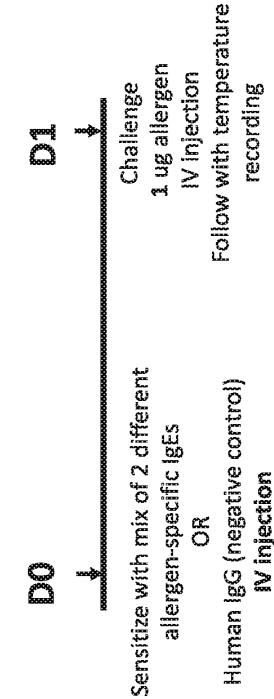
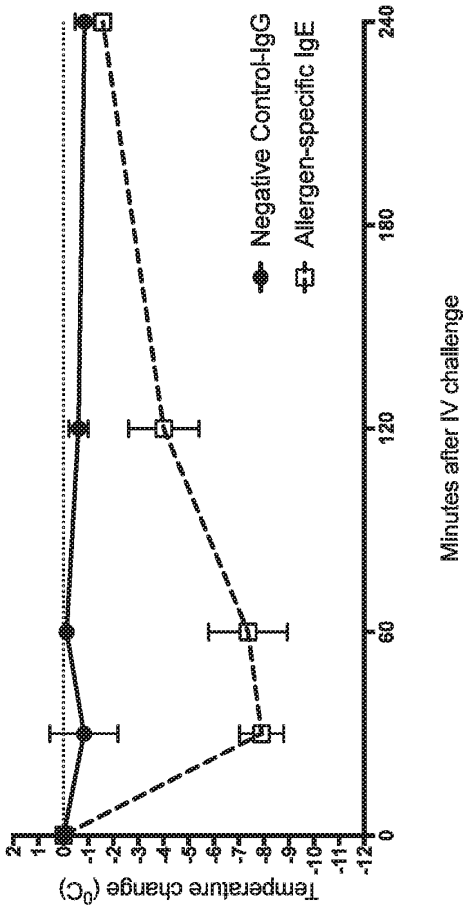


Figure 11

Humanized FcεR1α is functional



Note: decrease in core temperature is a measure of systemic anaphylaxis

Figure 12

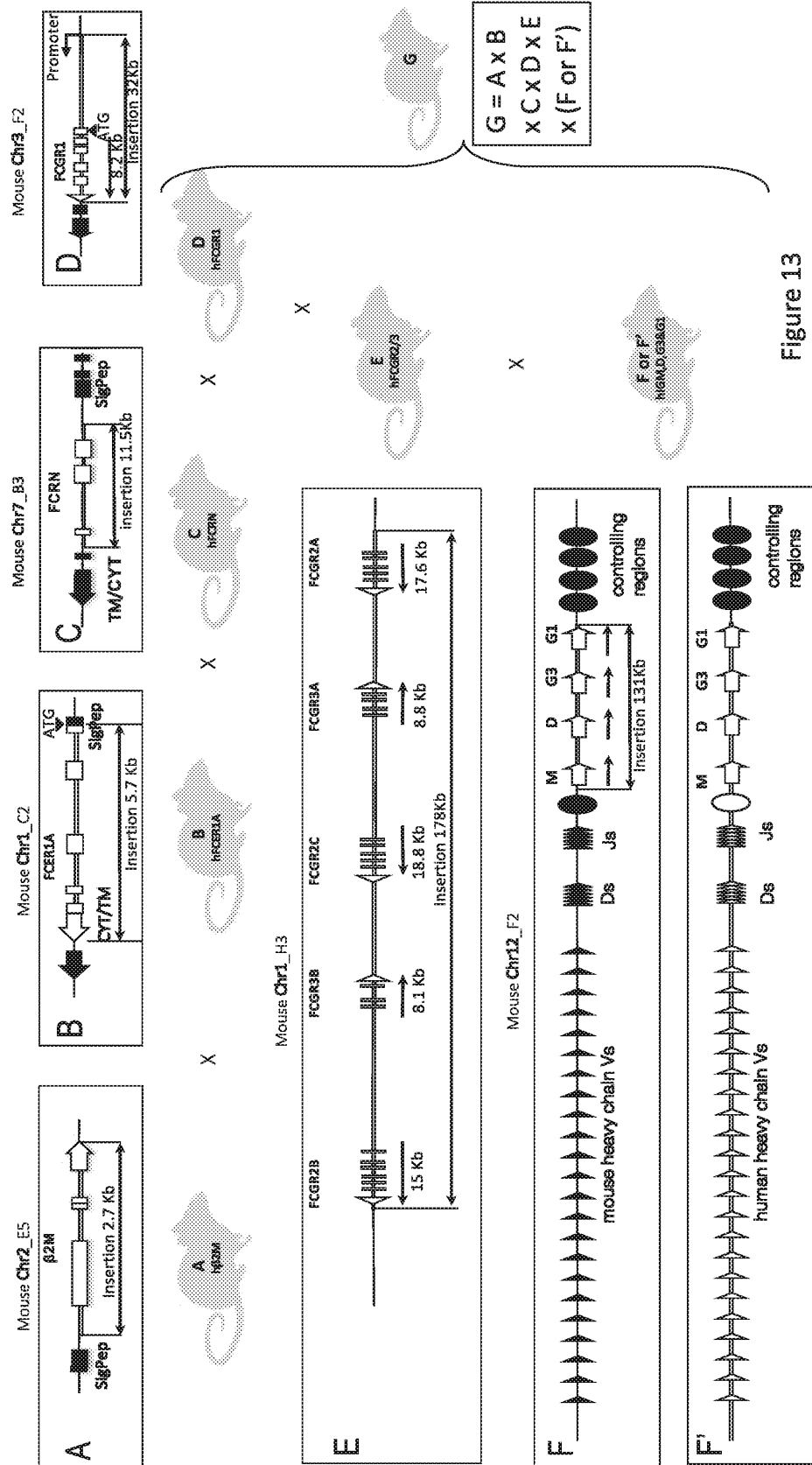


Figure 13