

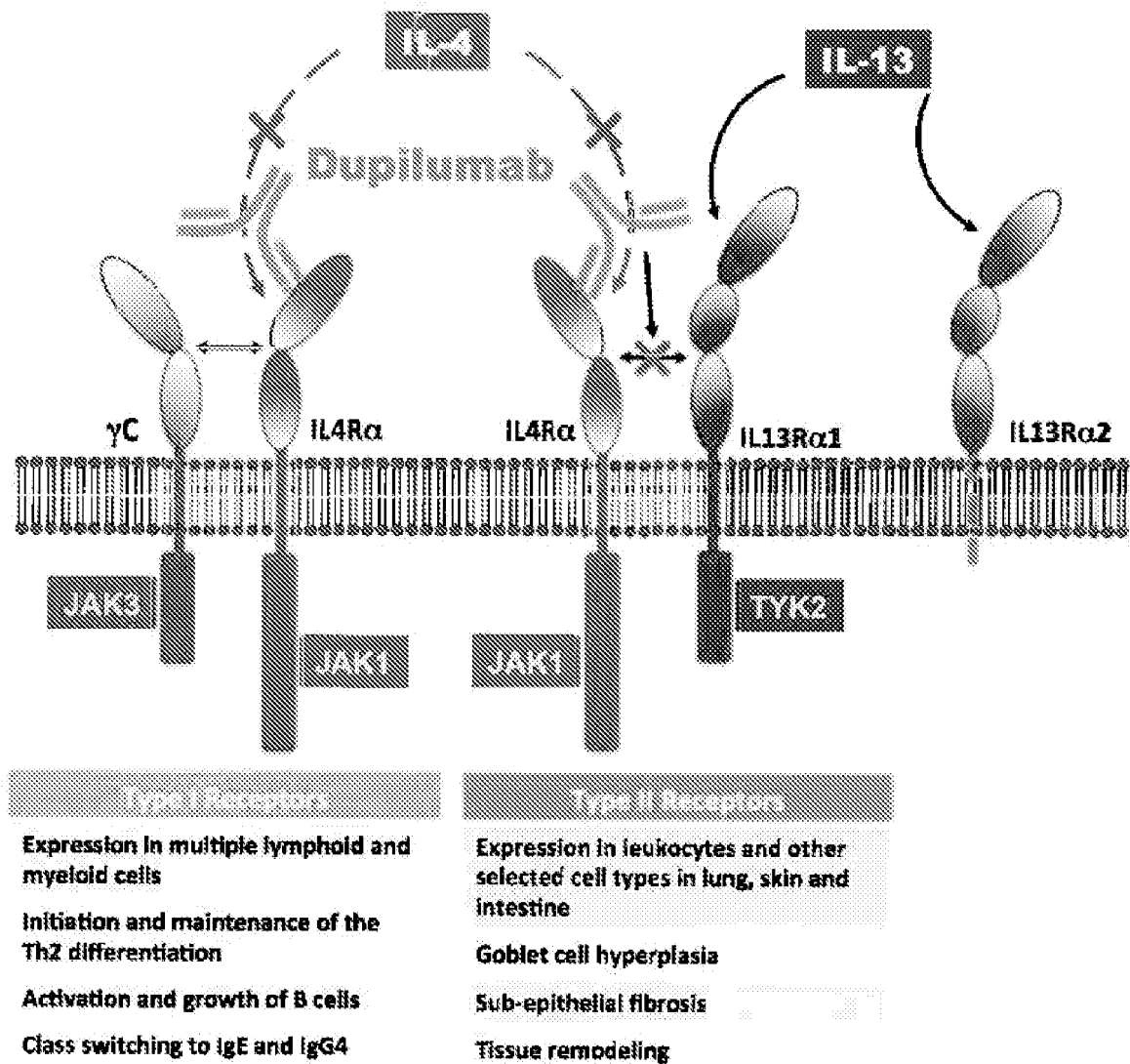


Figure 1

Humanization of IL4 locus

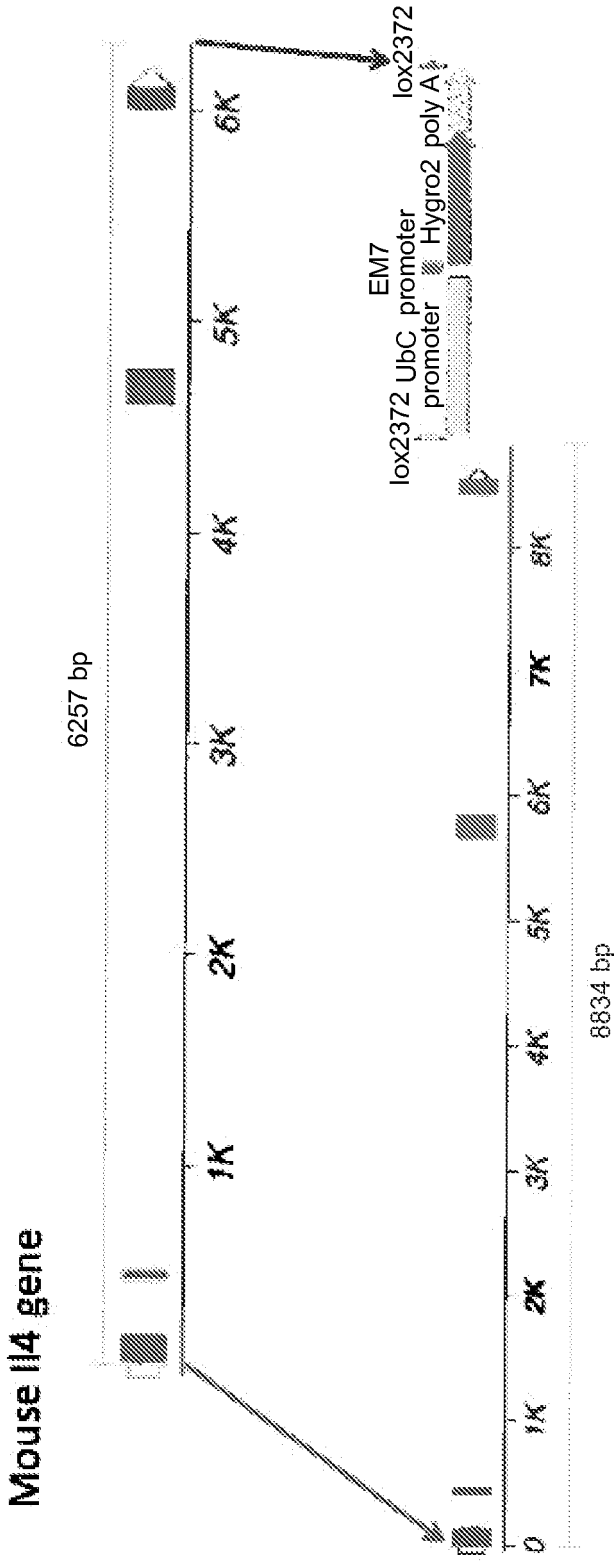


Figure 2A

Human IL4 gene

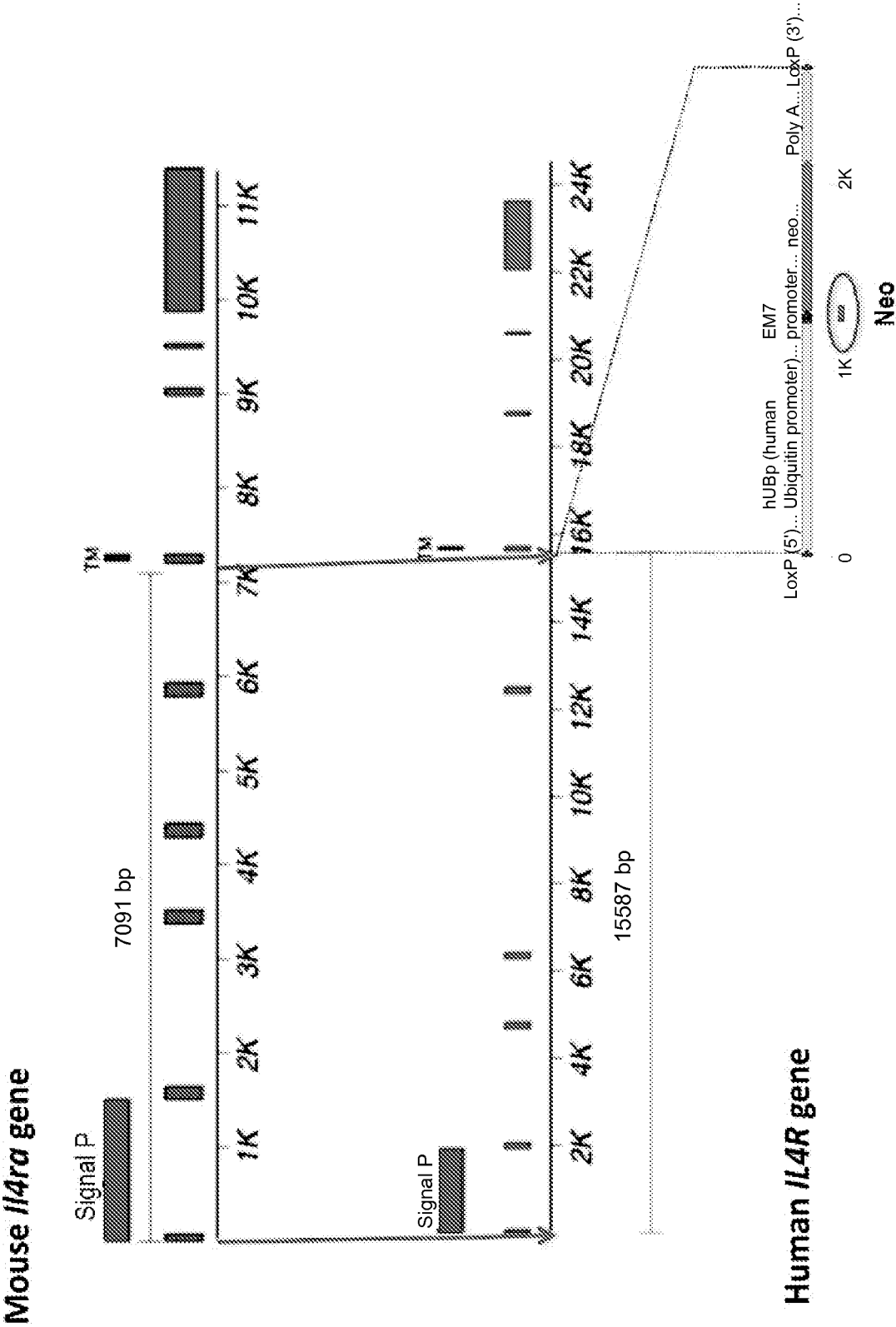


Figure 2B

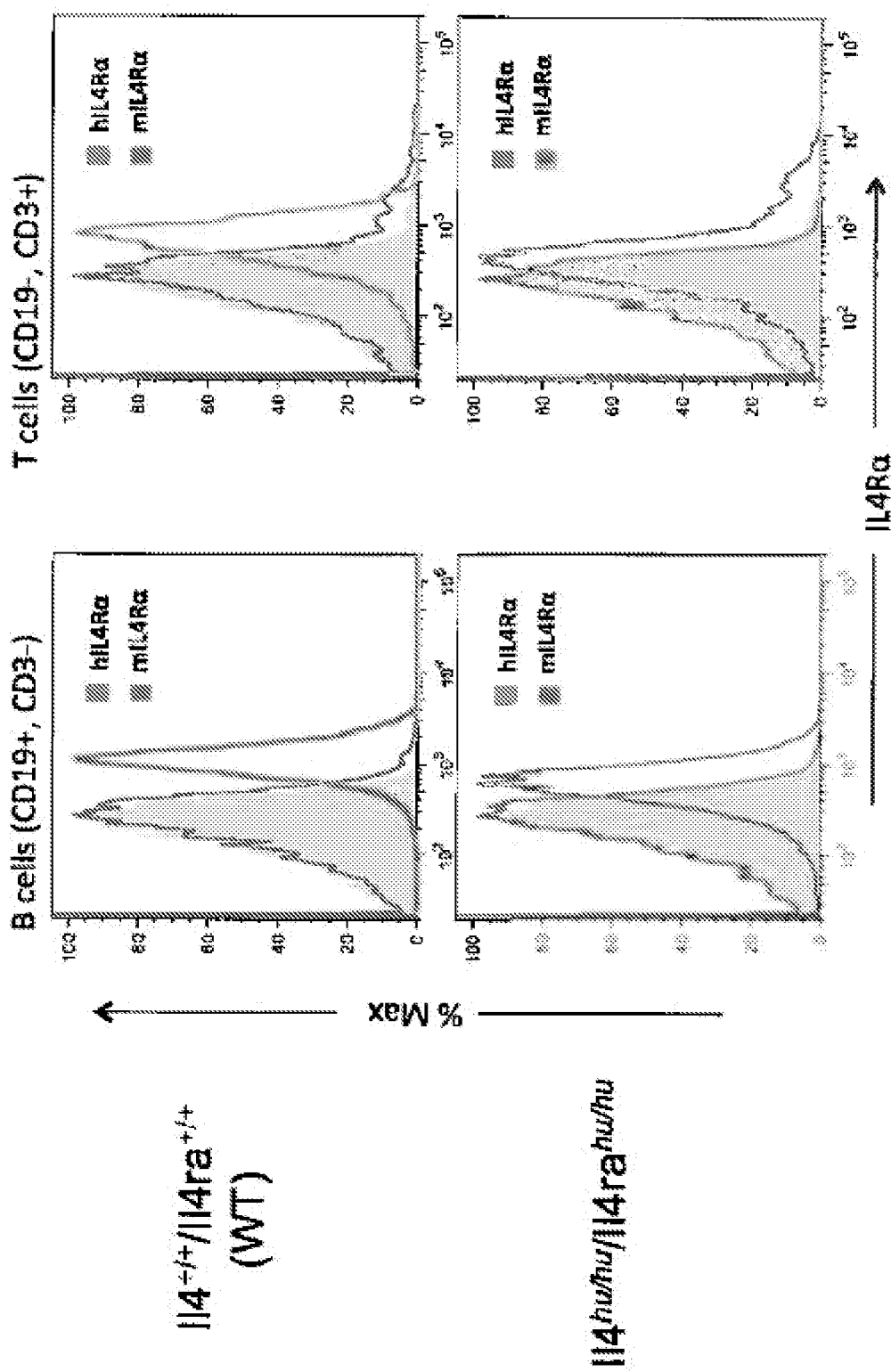


Figure 3

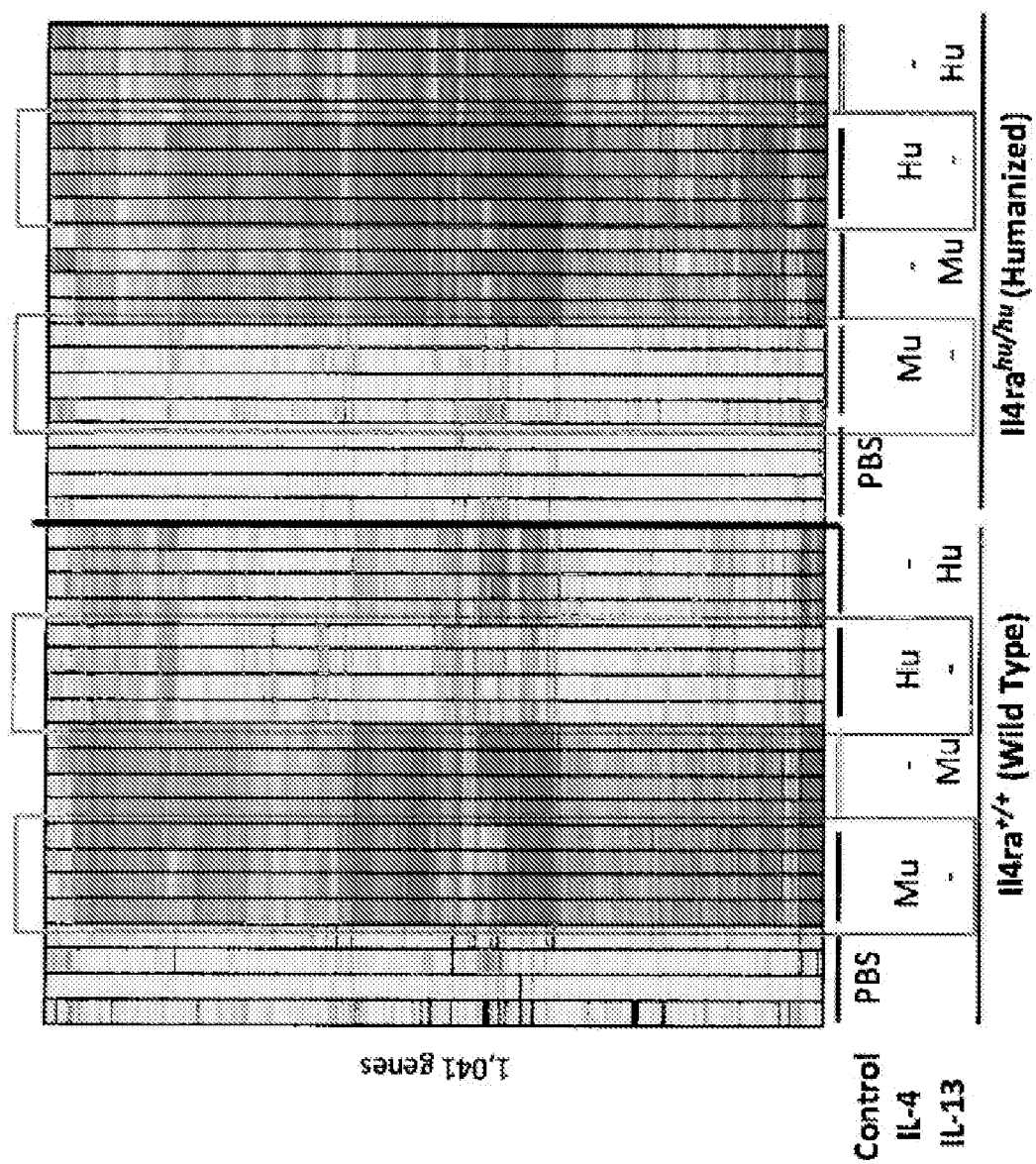


Figure 4

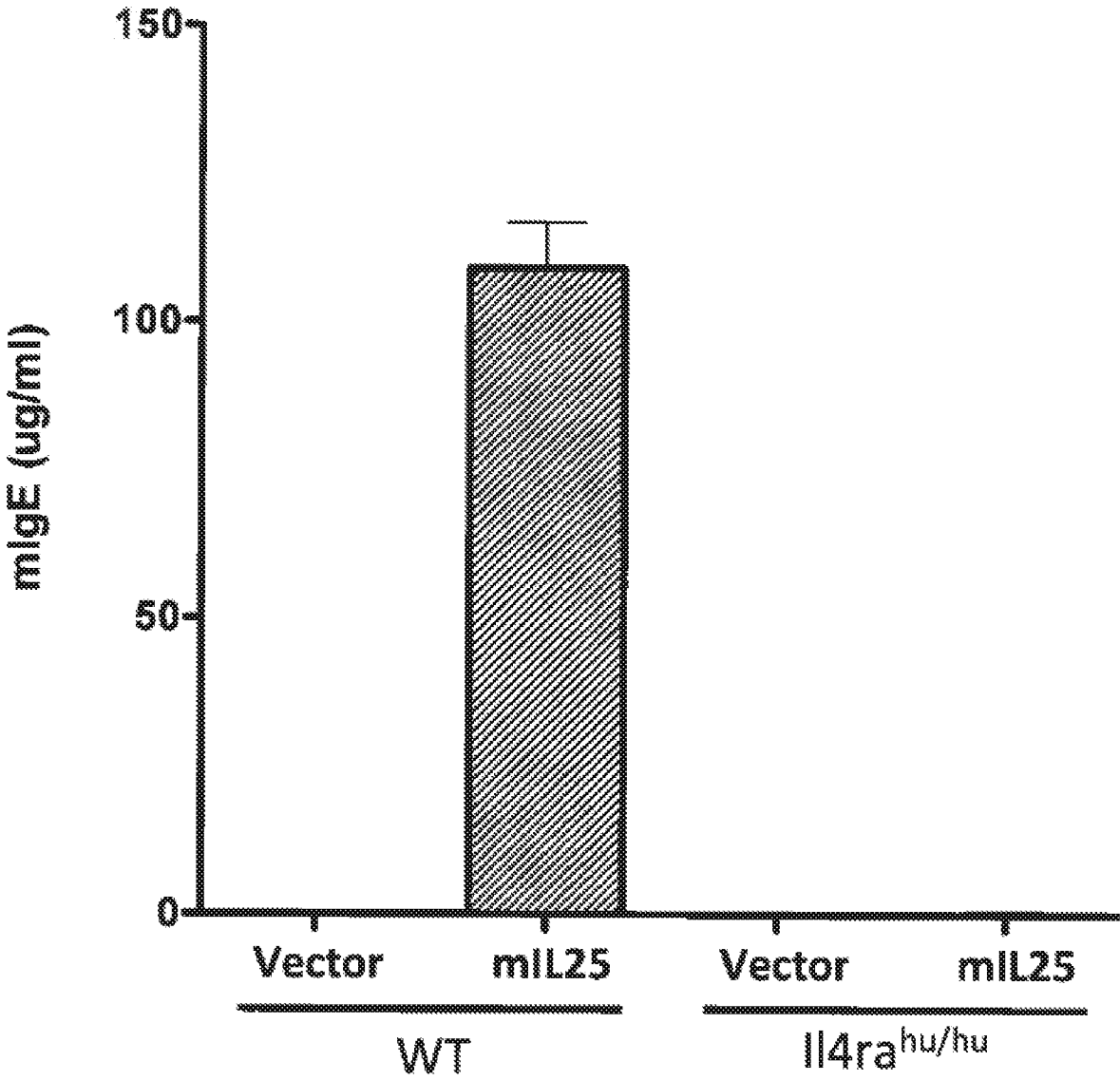


Figure 5

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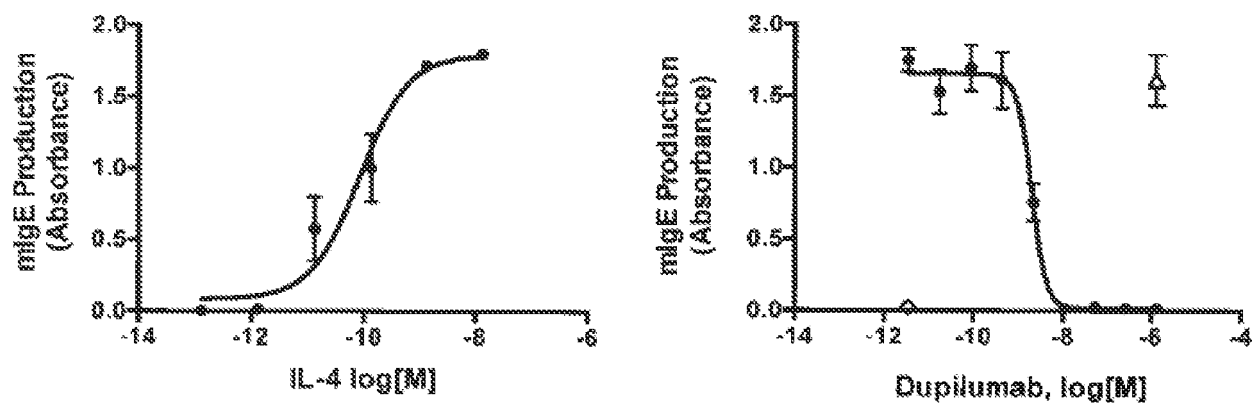


Figure 6

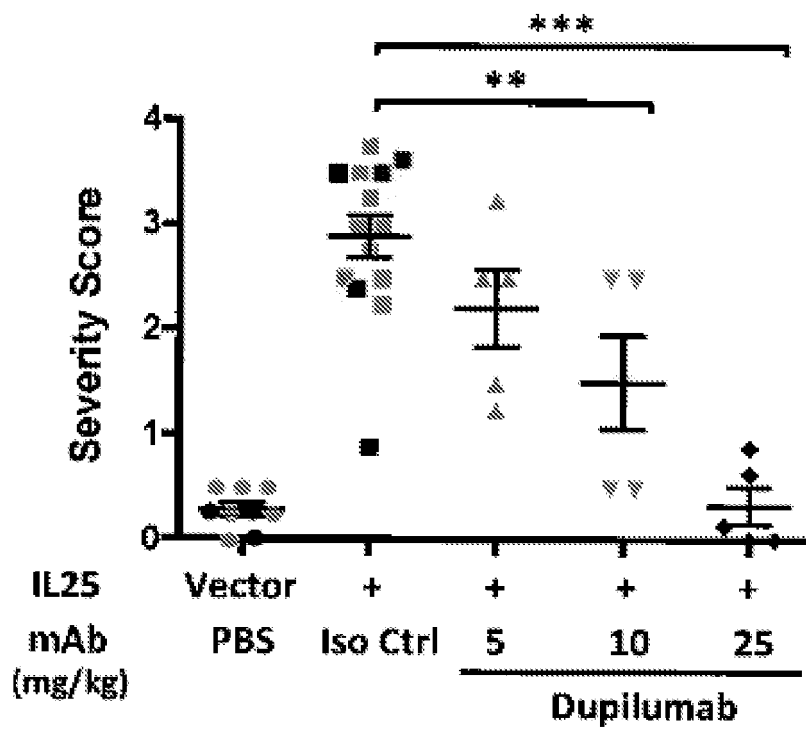
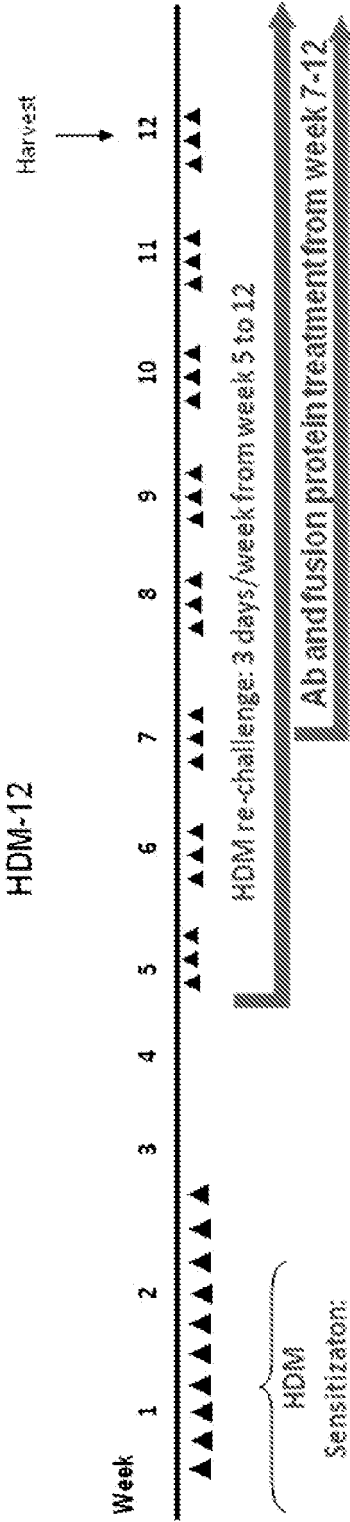


Figure 7

Experimental Design



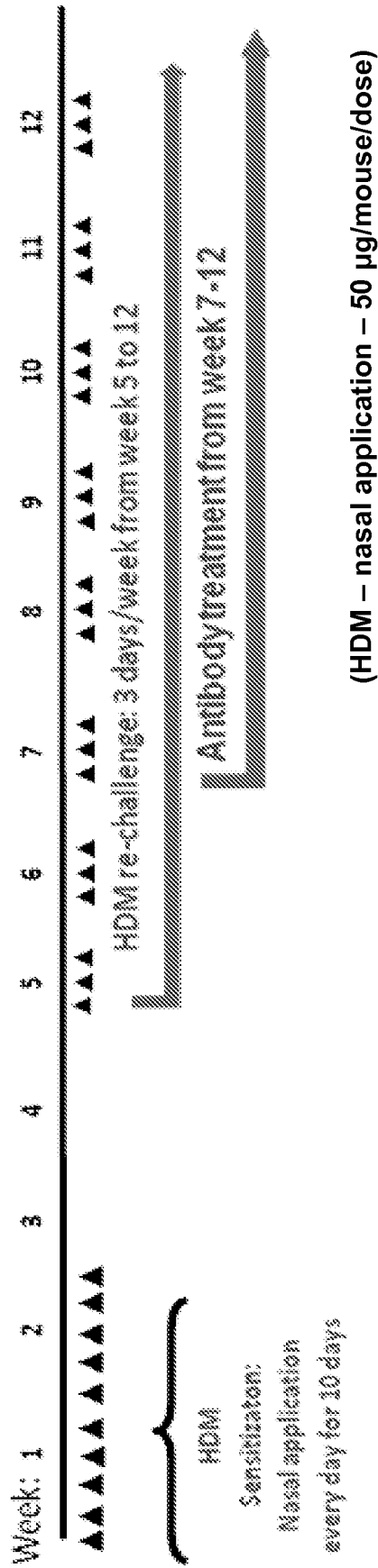
- 1. IL-4^{hu/hu}/IL-4R^{hu/hu} – PBS; n=4
- 2. IL-4^{hu/hu}/IL-4R^{hu/hu} – HDM; n=7
- 3. IL-4^{hu/hu}/IL-4R^{hu/hu} – HDM; REGN129 treatment – 25 mg/kg; n=7
- 4. IL-4^{hu/hu}/IL-4R^{hu/hu} – HDM; REGN668 treatment – 50 mg/kg; n=7

Endpoint readouts

Collagen deposition in lungs
serum IgE, HDM-specific IgG1
BALF cellularity
lung mucus and infiltrates

Figure 8

HDM-14



- A. IL-4^{hu/hu}/IL-4R^{hu/hu} – Saline+PBS (n=7)
- C. IL-4^{hu/hu}/IL-4R^{hu/hu} – HDM+REGN668 – dosing at 25mg/kg twice a week, beginning on week 7 (n=7)
- D. IL-4^{hu/hu}/IL-4R^{hu/hu} – HDM+REGN98 (Isotype Ctrl) – dosing at 25mg/kg twice a week, beginning on week 7 (n=7)

Figure 9

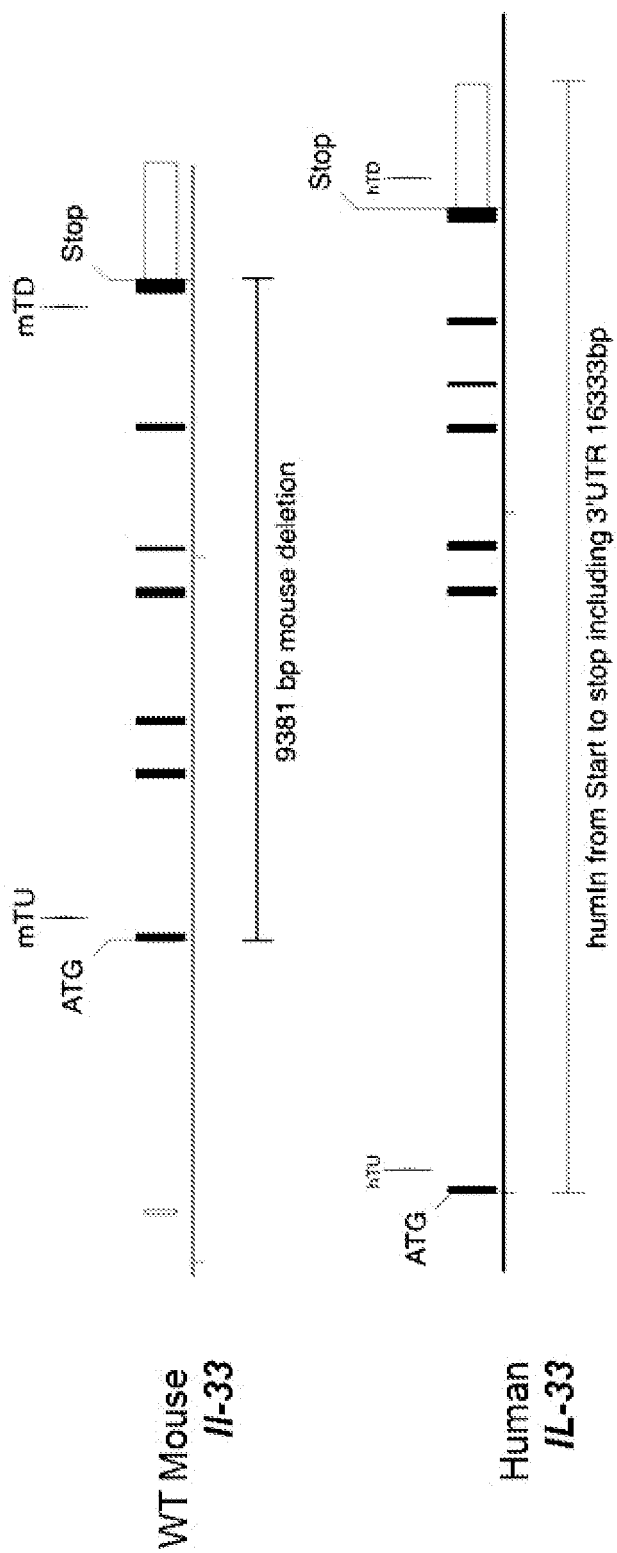


Figure 10A

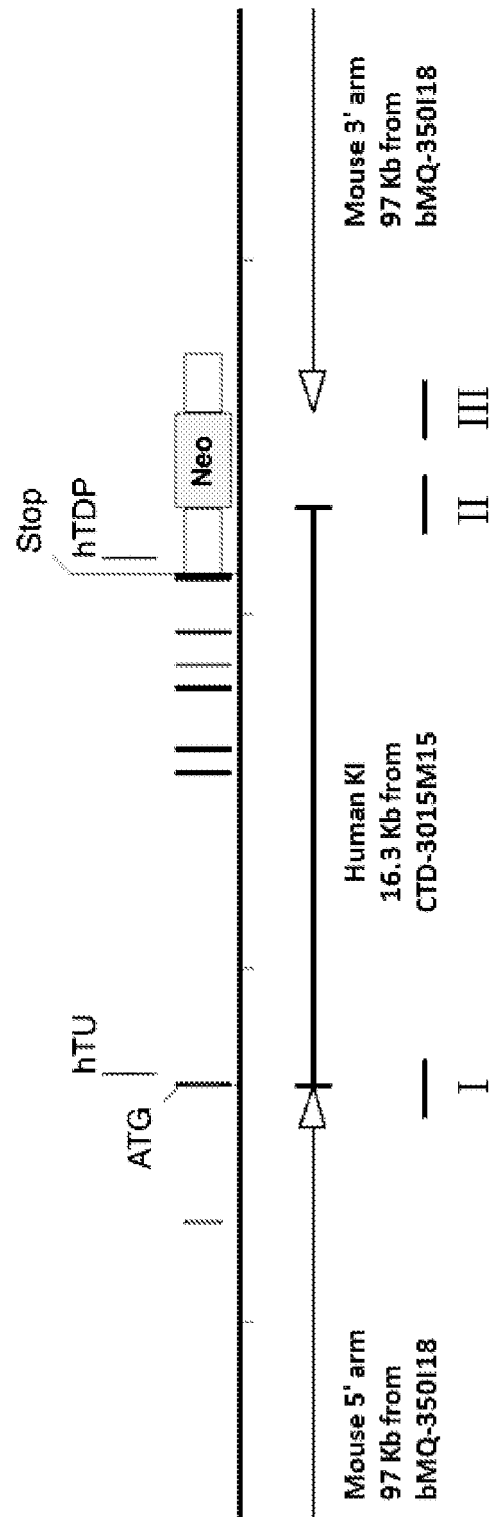


Figure 10B

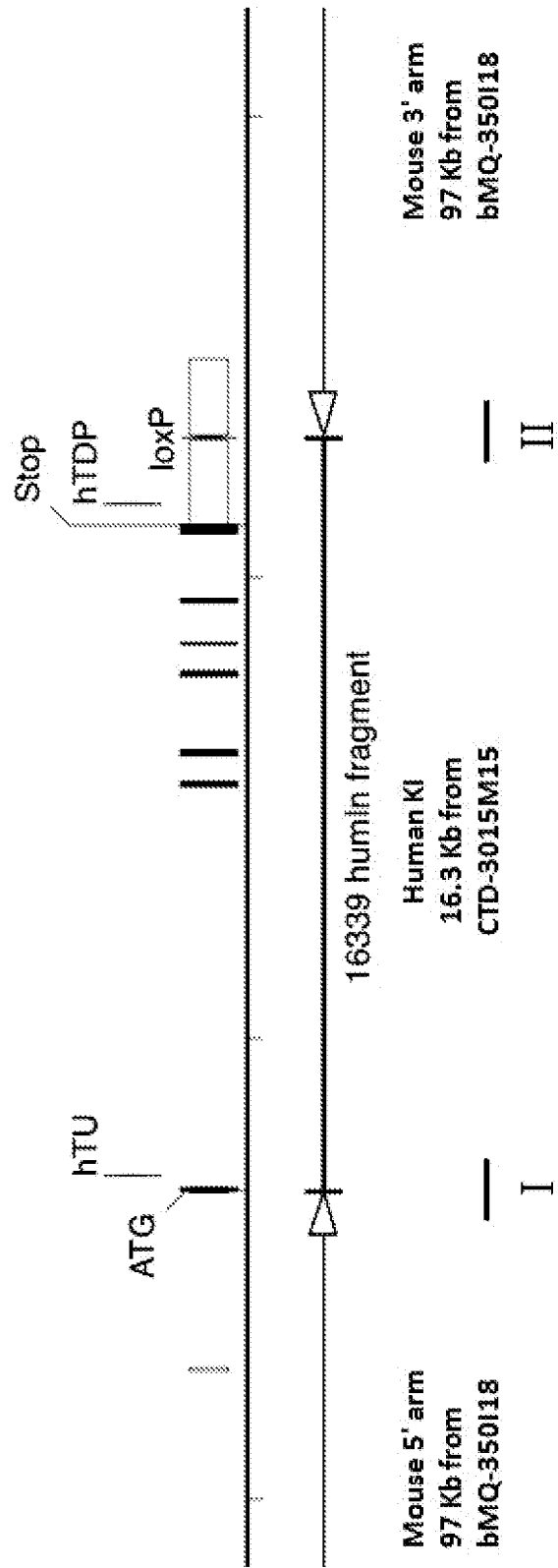


Figure 10C