

Strategy to disable IgH

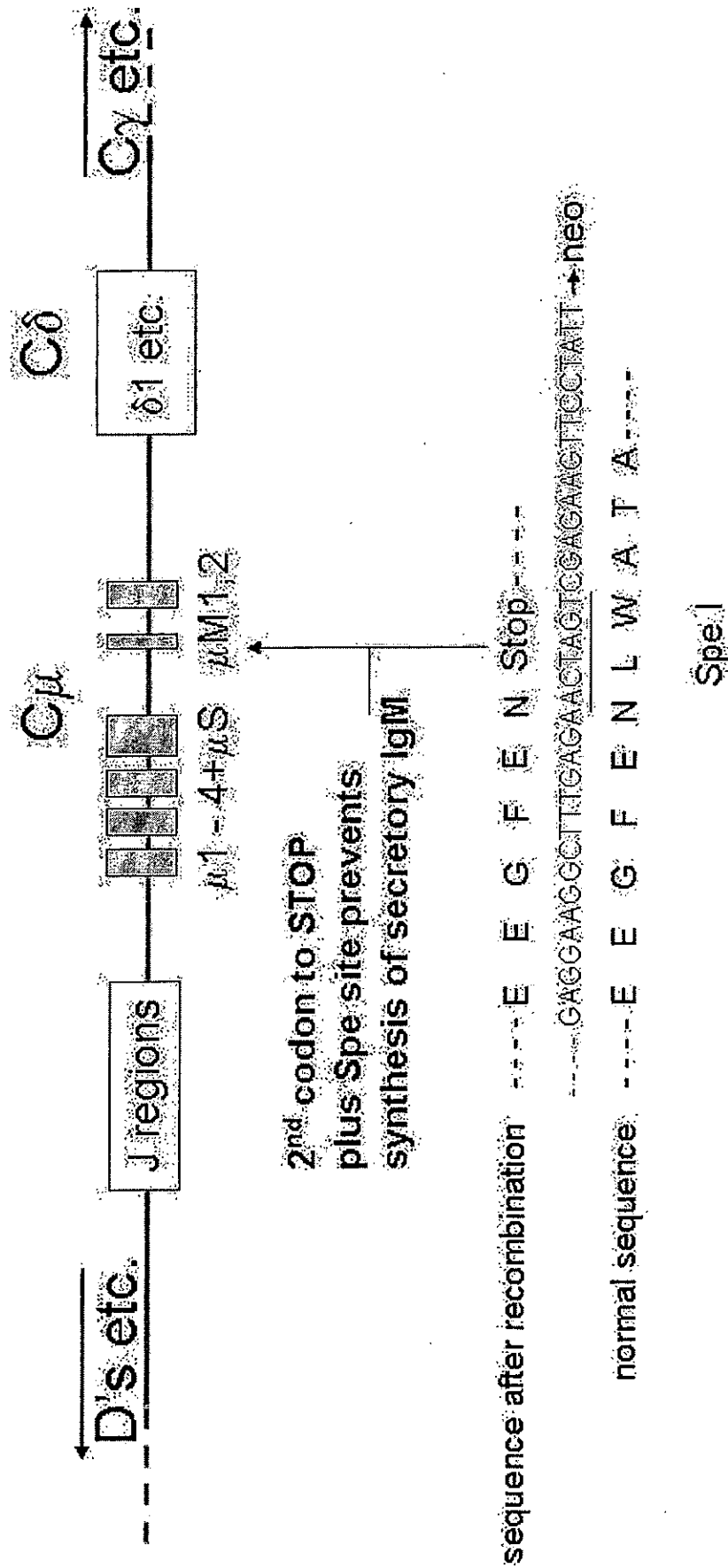


Figure 1B

Recombination in ES cells to disable Cu

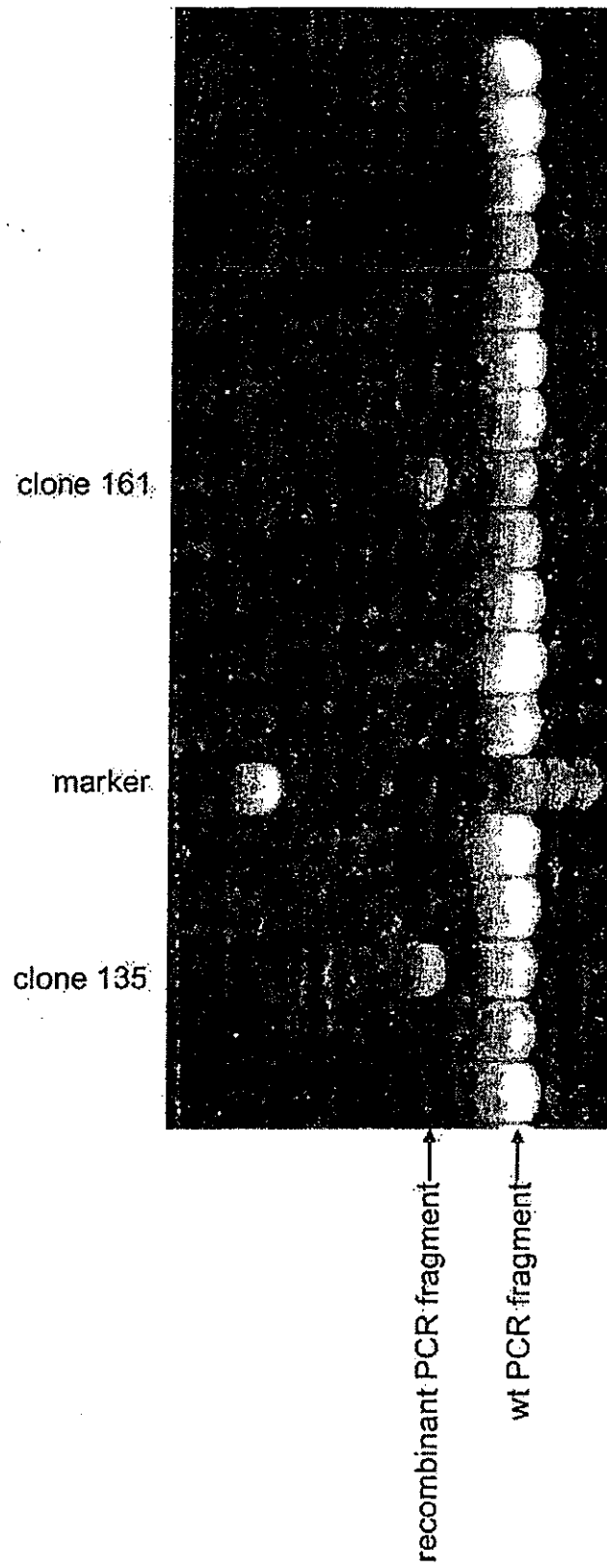


Figure 1C

FACS analysis of the C μ knockout mice

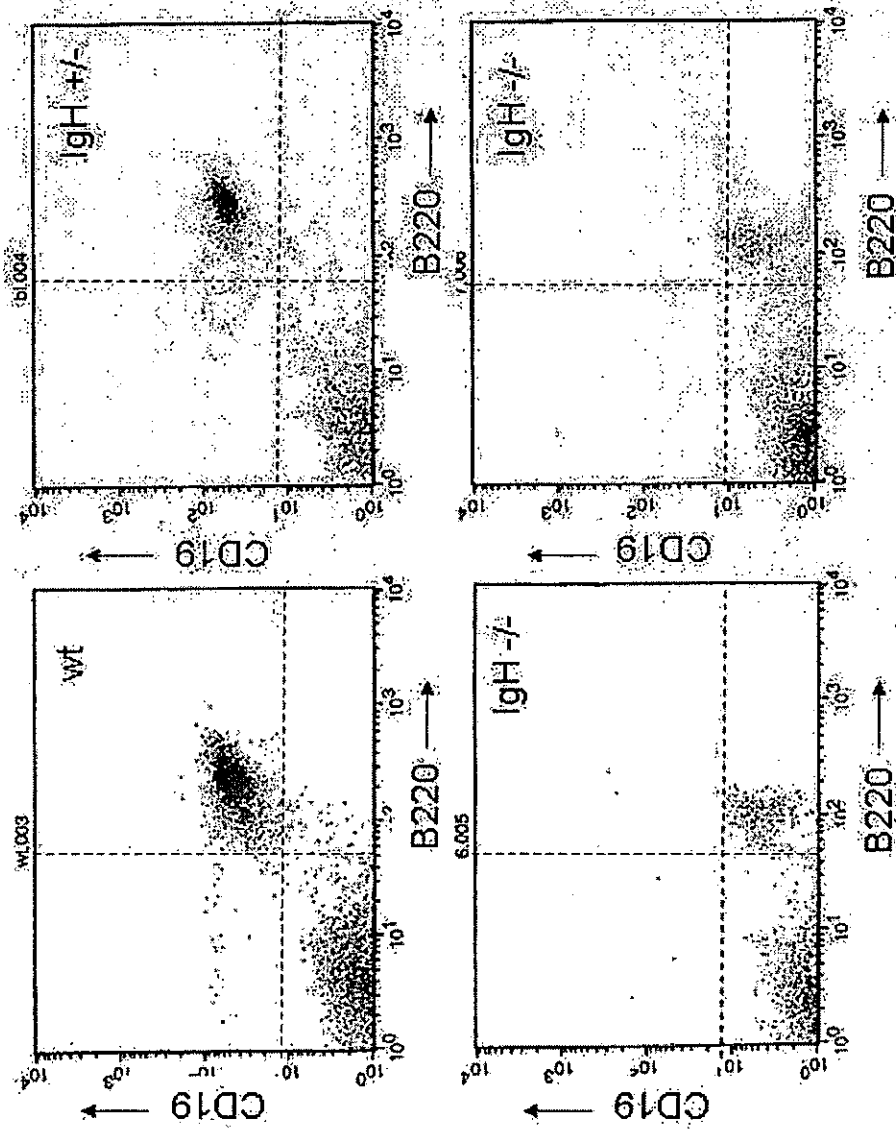


Figure 1D

Deletion of neo after breeding to recombinase mice

neo deleted neo present

homozygous KO
wild type
wild type
wild type
wild type
heterozygous KO
heterozygous KO

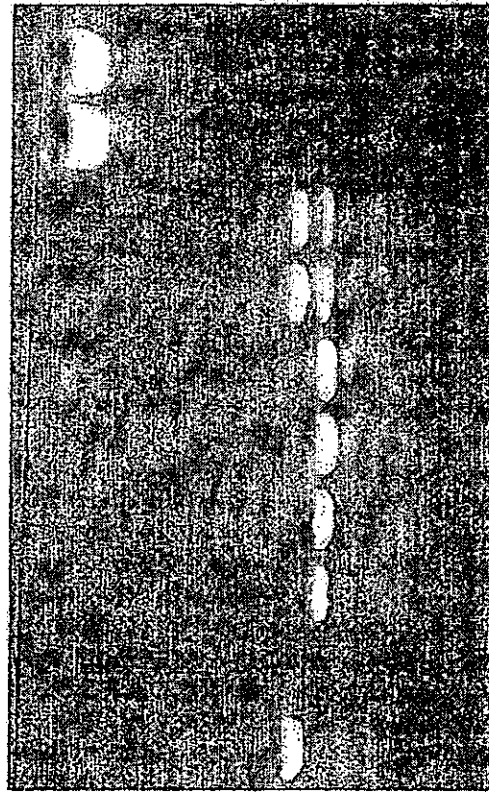


Figure 1E

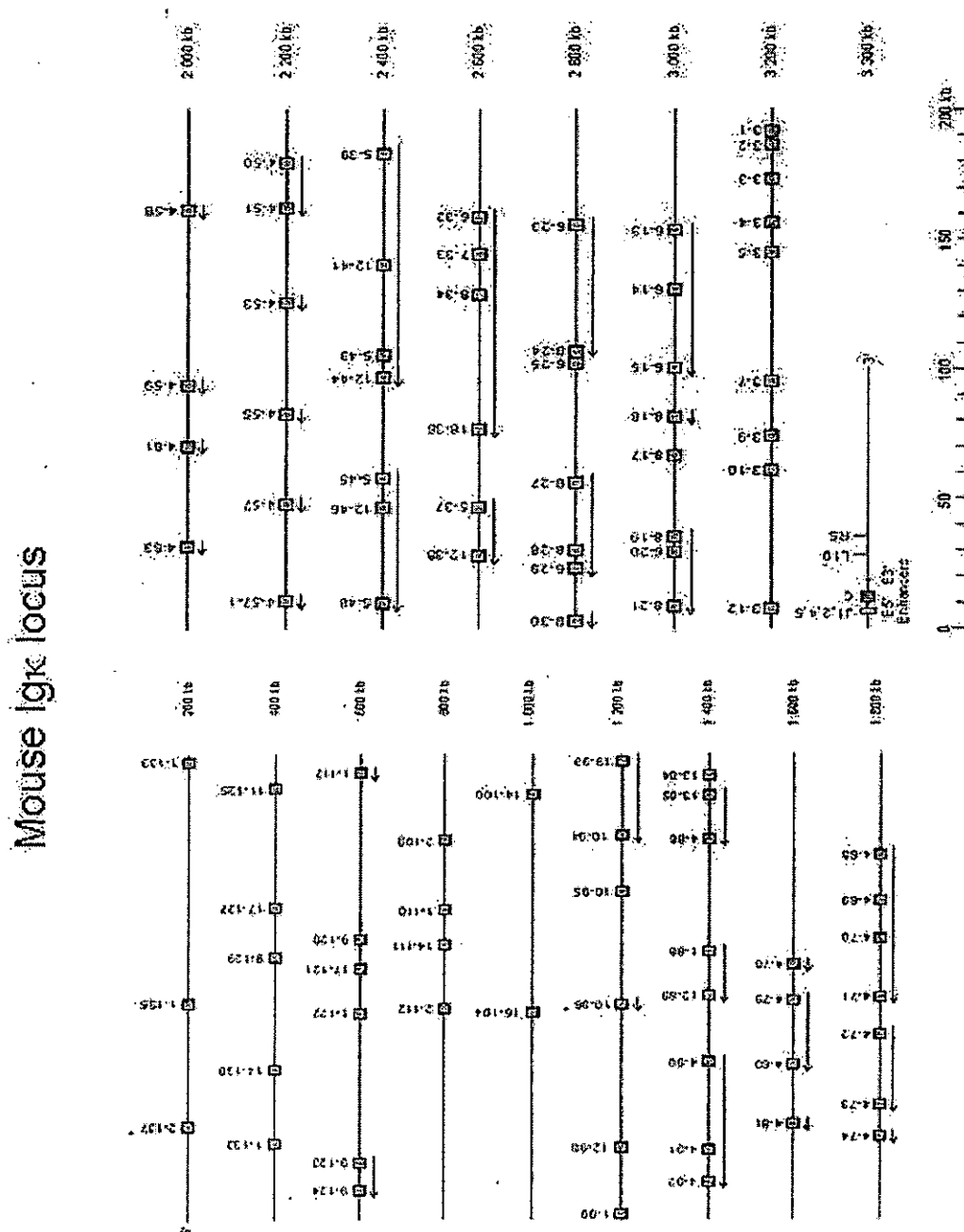


Figure 2

A mouse Cx constant region stop codon and frame shift insertion

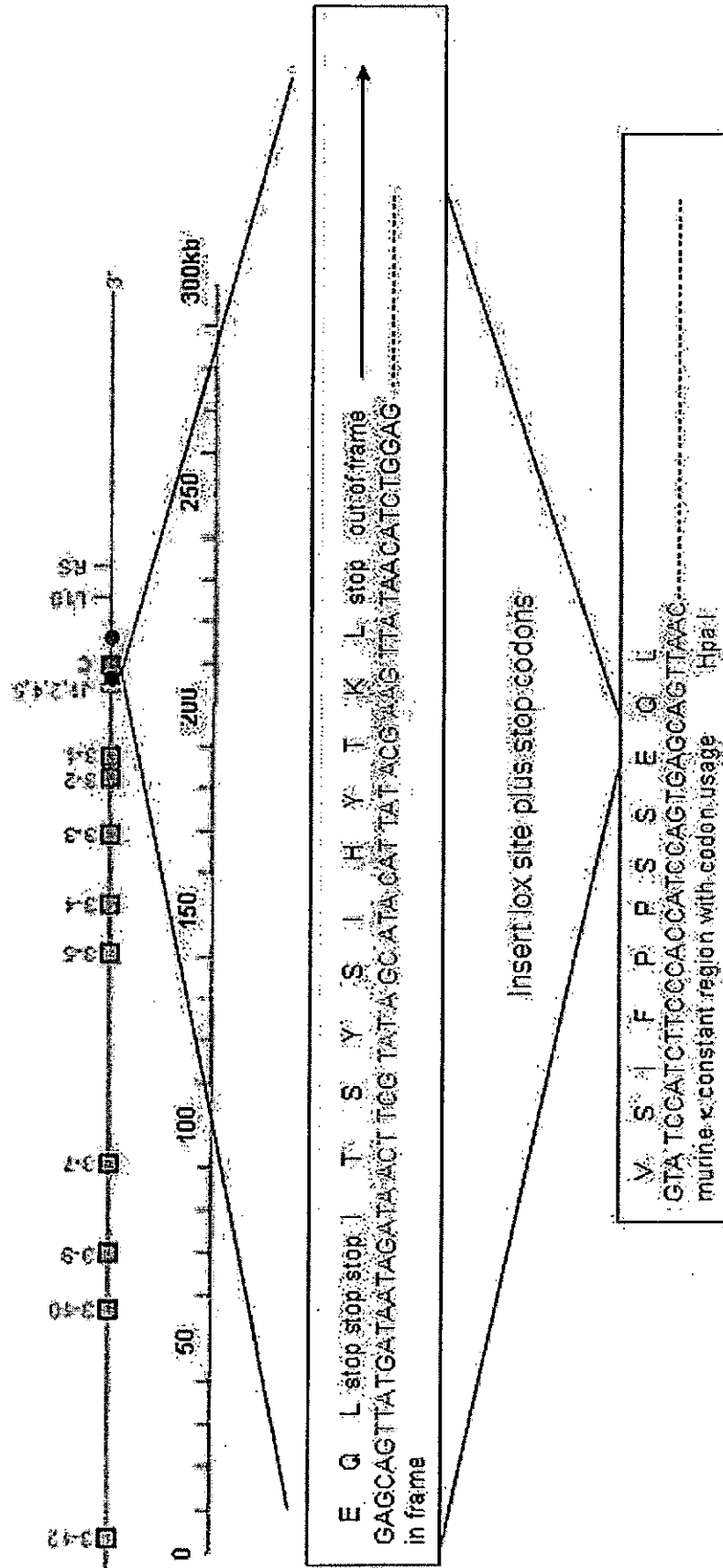


Figure 6A

recombination in ES cells to disable Ck

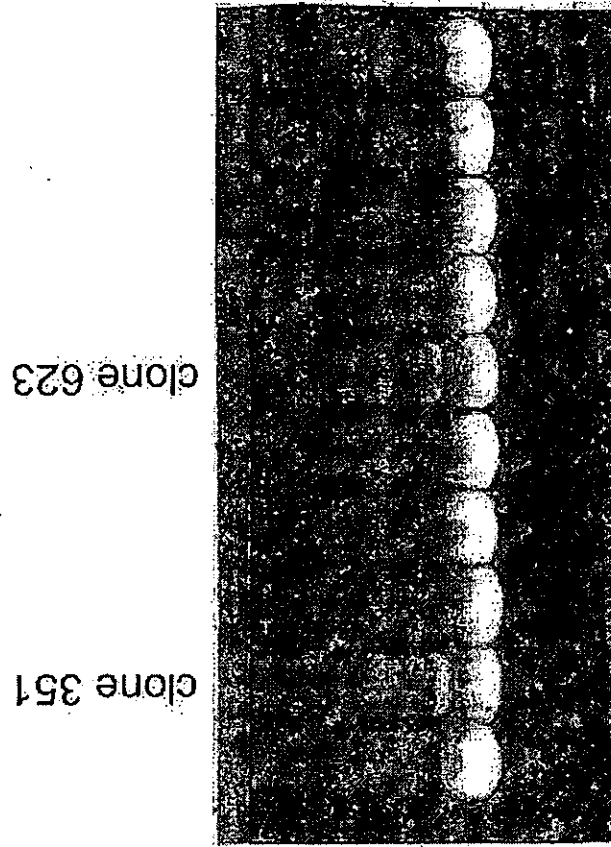


Figure 6B

Human Igk locus

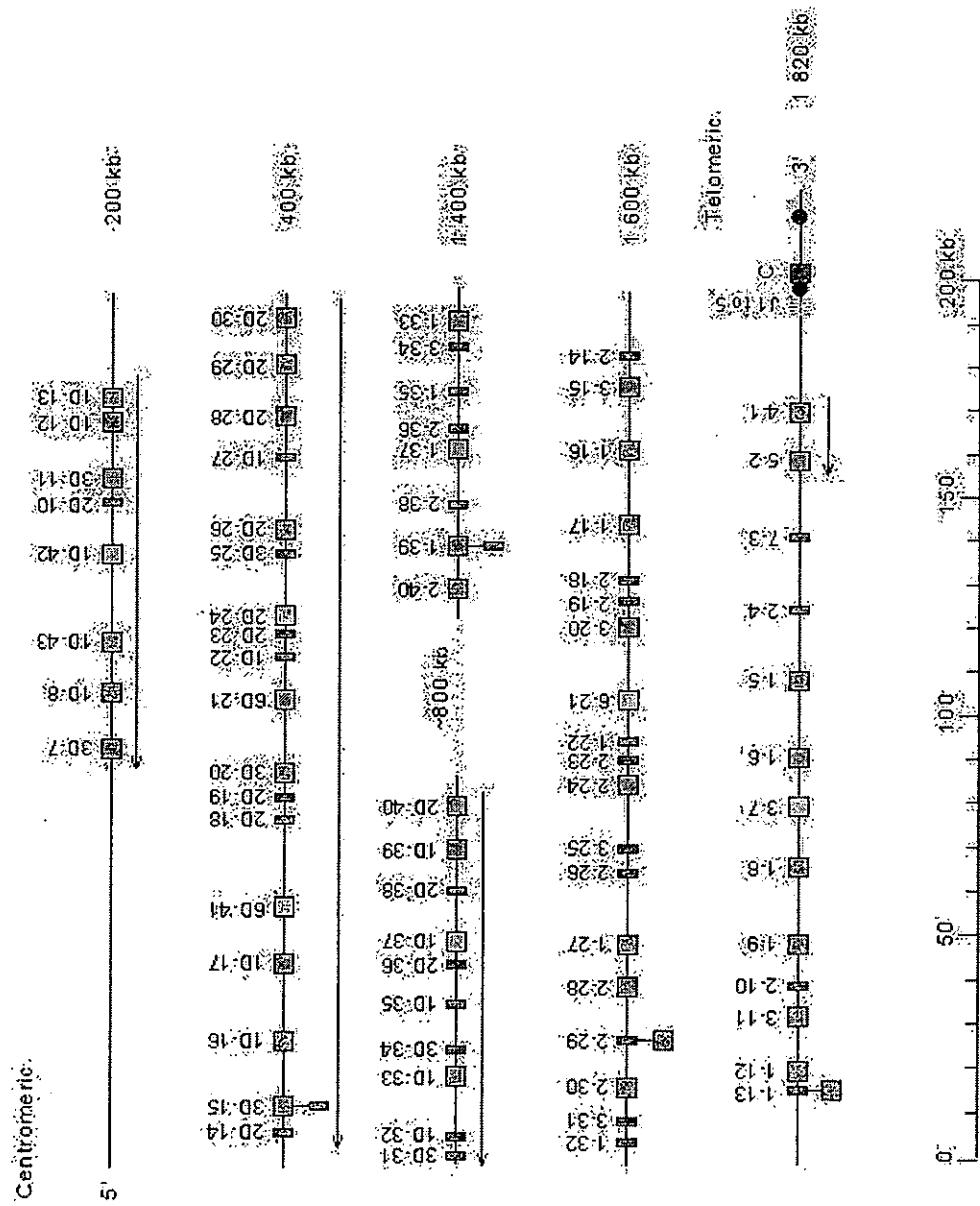


Figure 7

Generation of a hybrid human rat Igκ locus for transgenesis

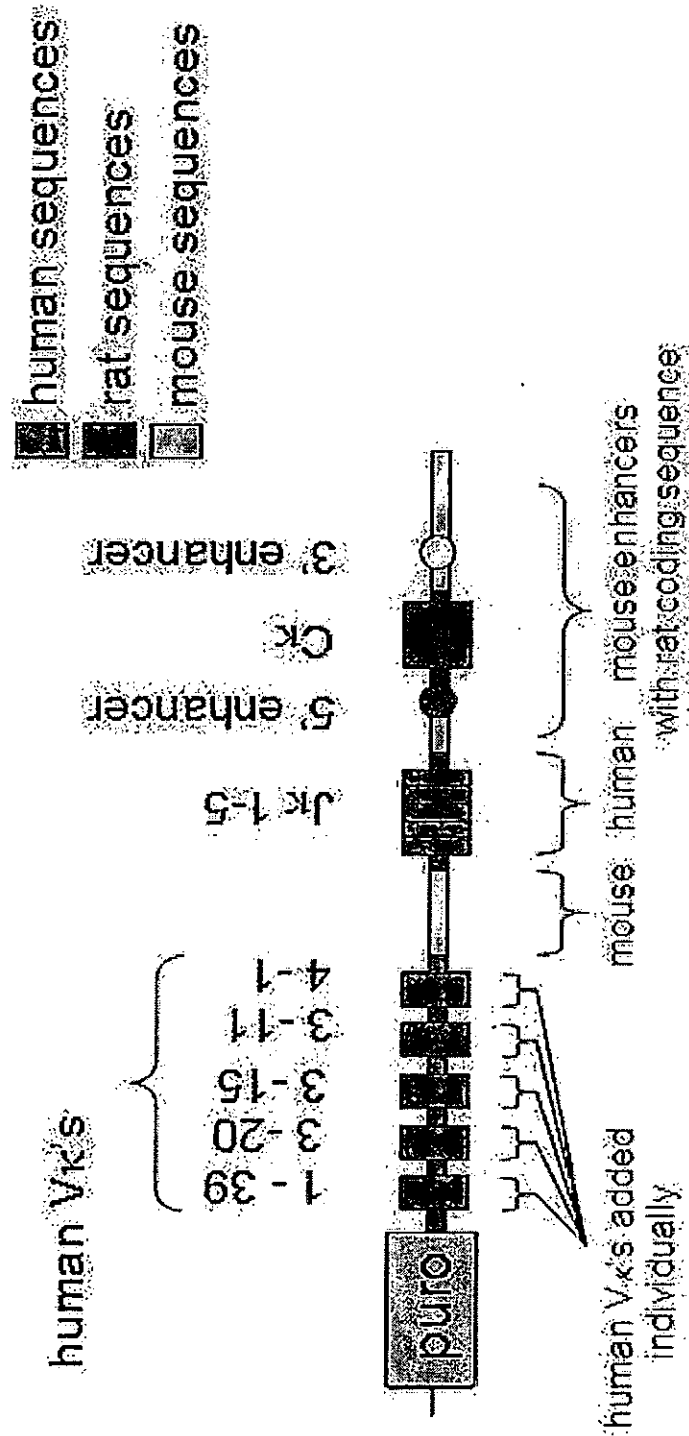


Figure 8

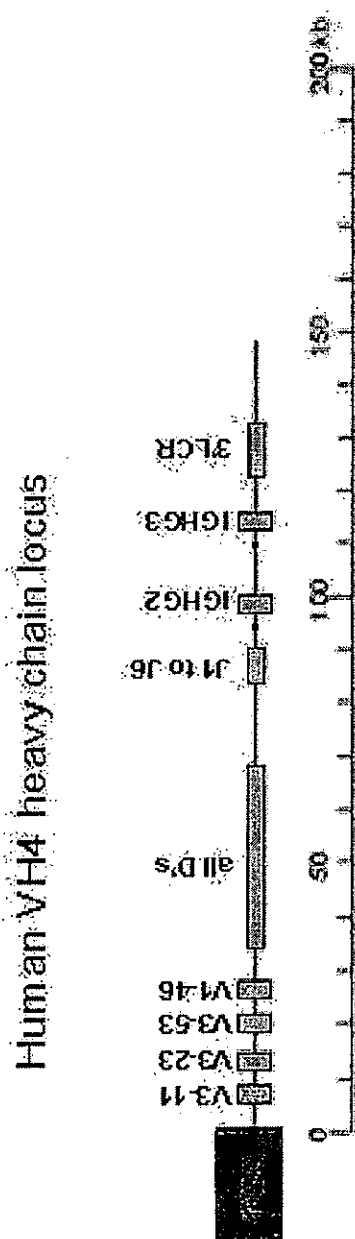


Figure 9

Generation of a 4 VH human/rat constant region IgH locus

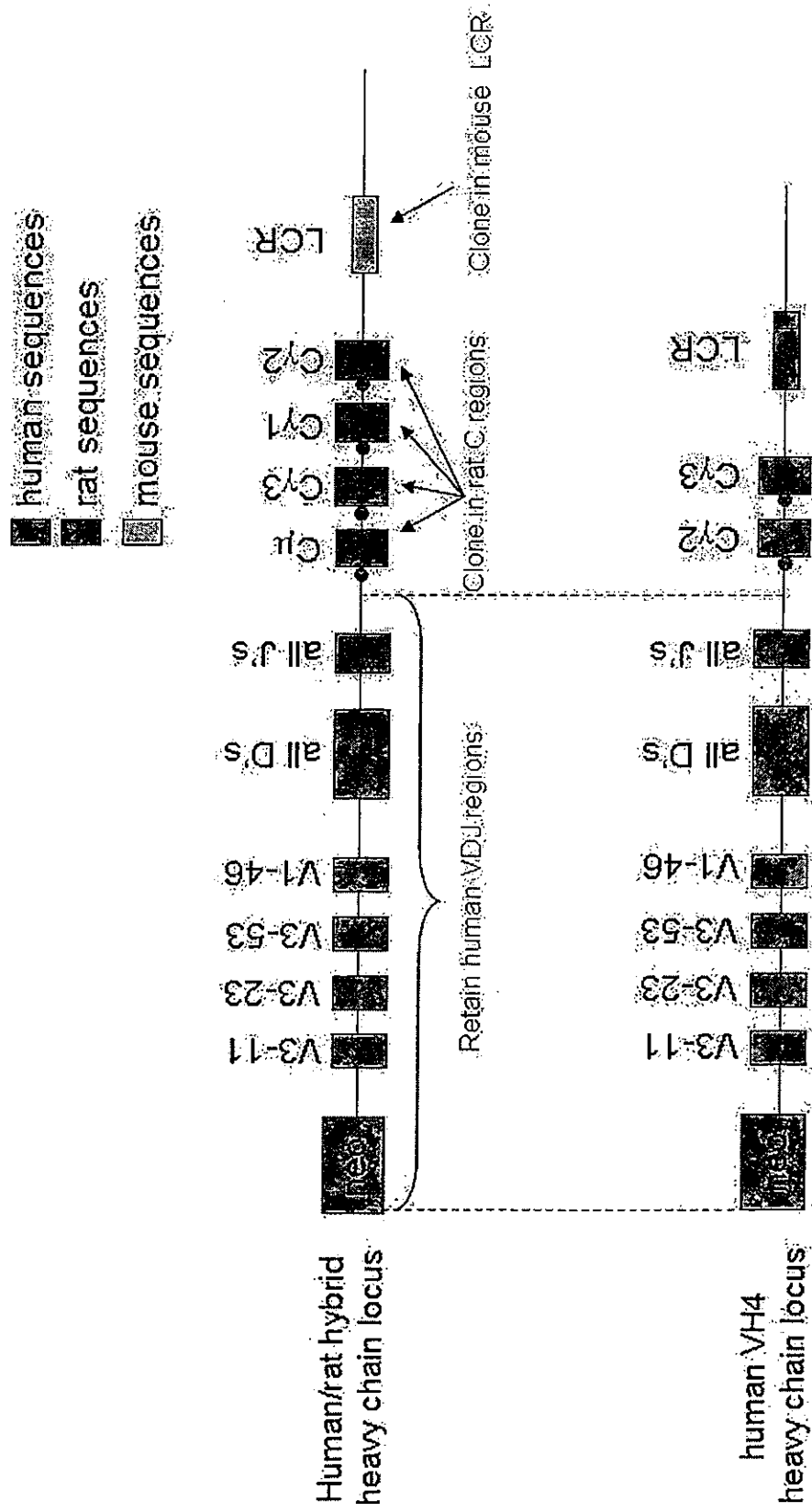


Figure 10

Deletion of the Igλ 3' enhancers

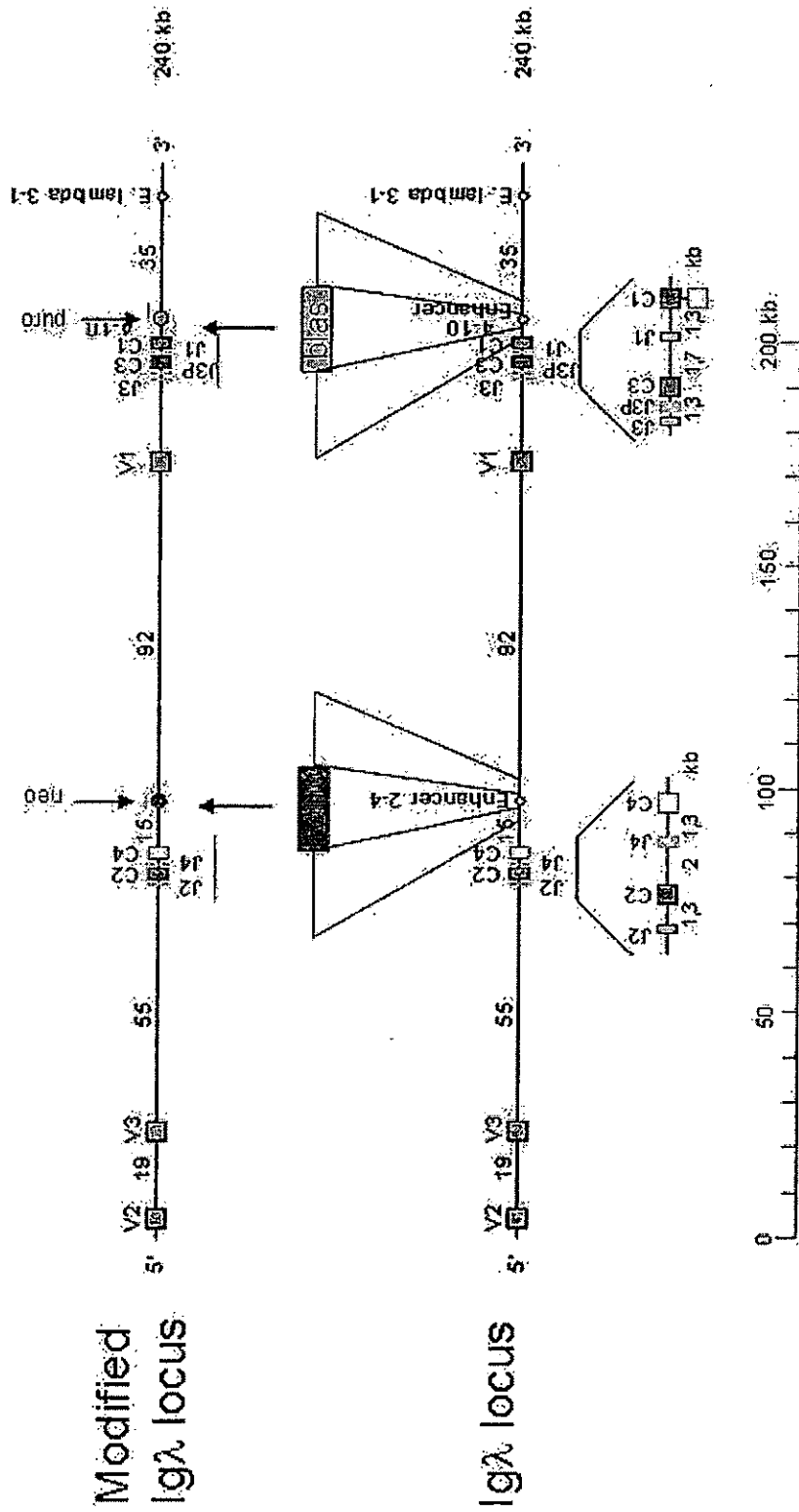


Figure 11

Human rat hybrid V κ locus for transgenesis

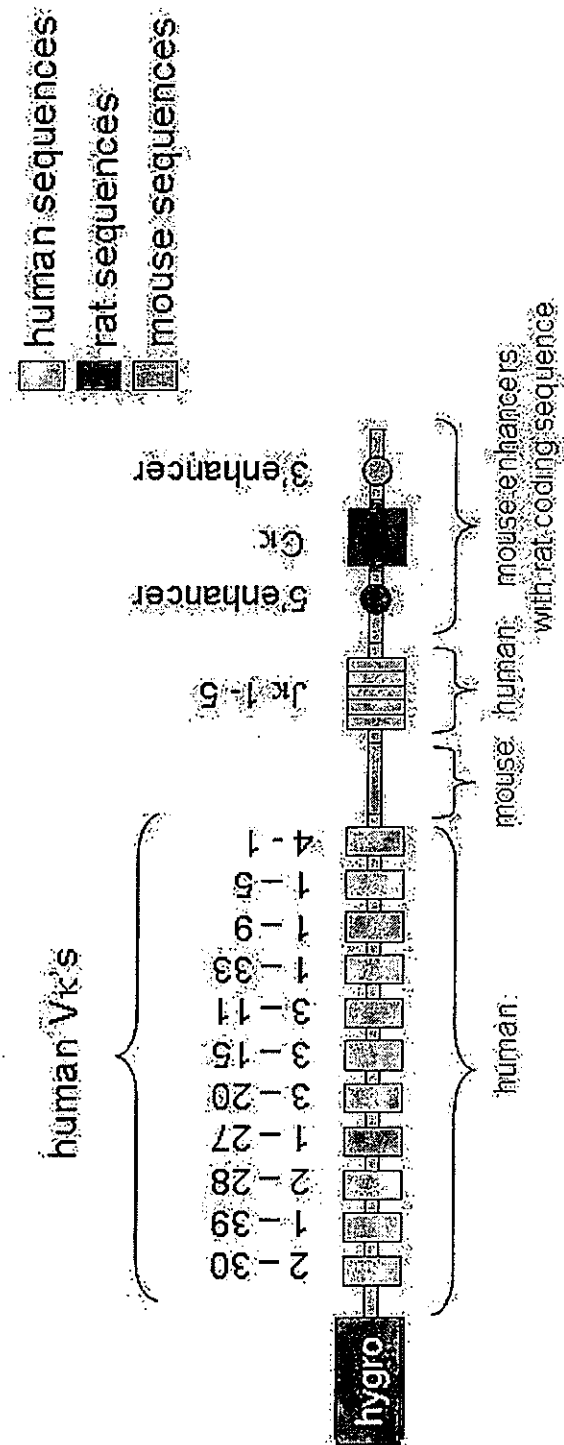


Figure 12



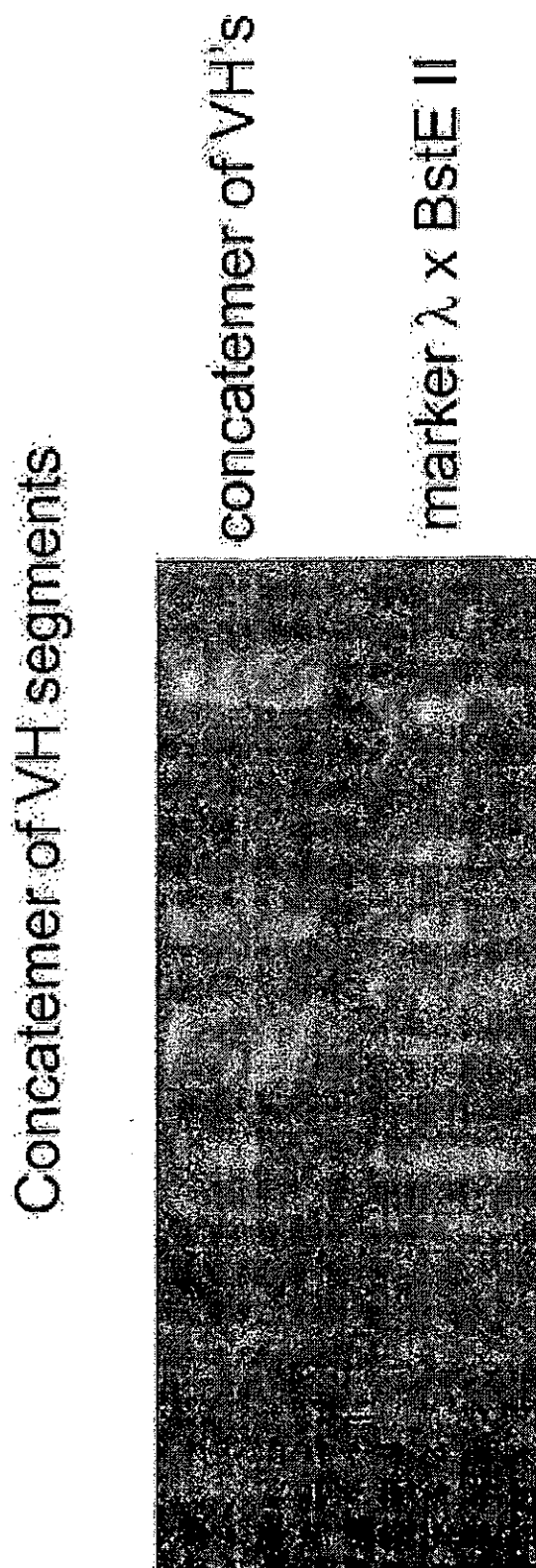


Figure 13C

Transgenic human rat heavy chain immunoglobulin loci

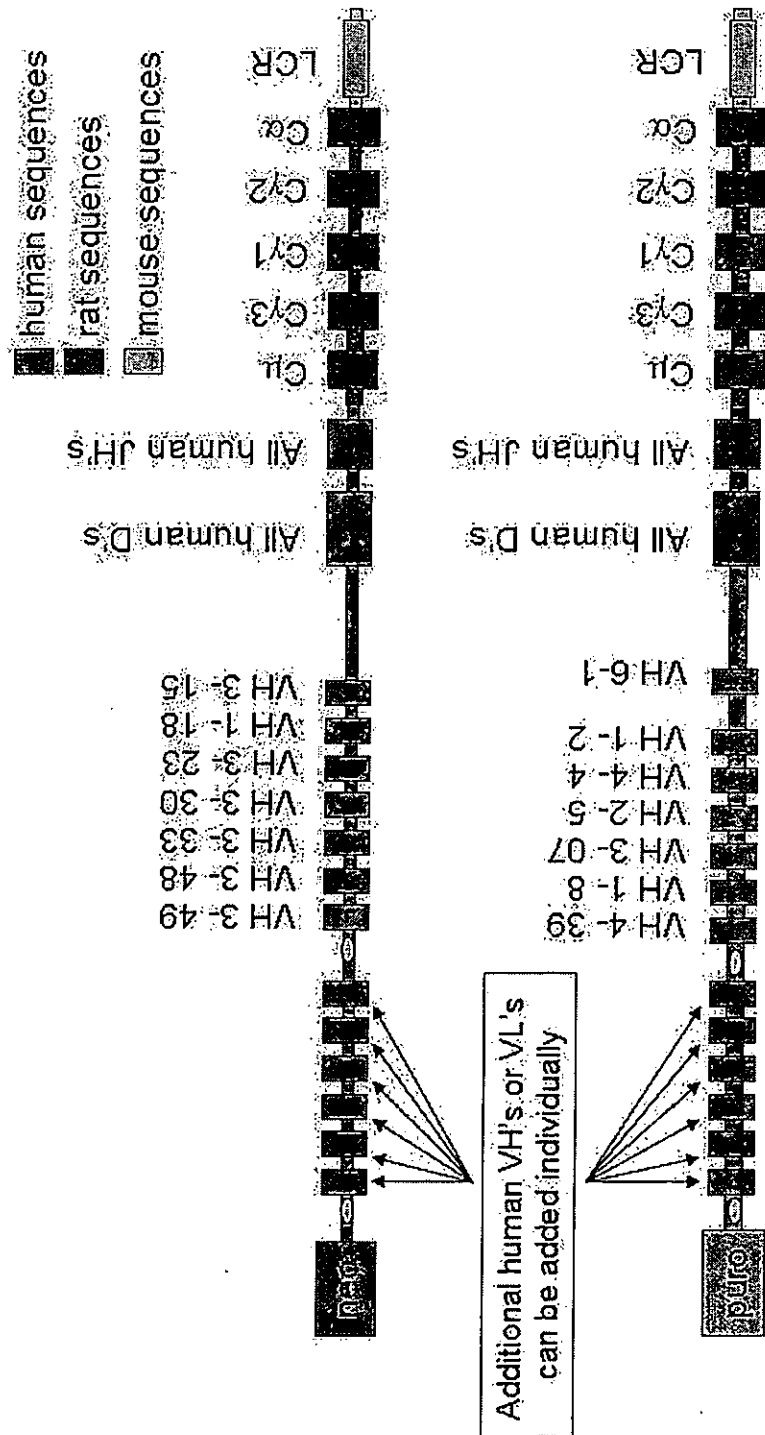


Figure 14

Human/rat λ transgenic light chain locus

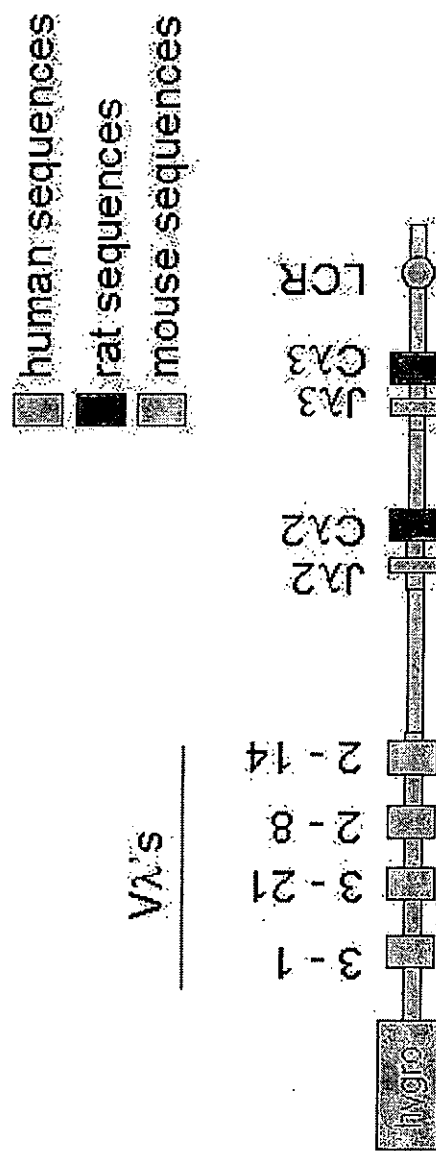


Figure 15