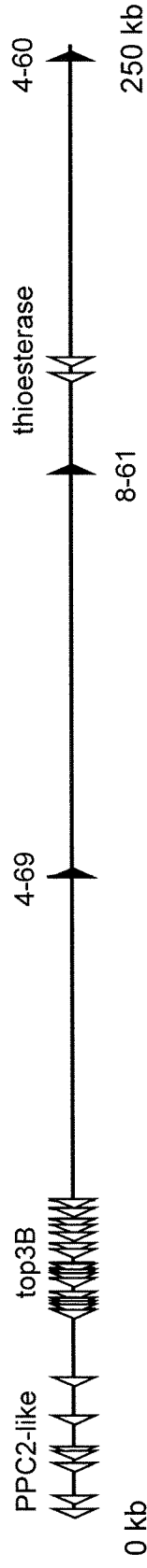
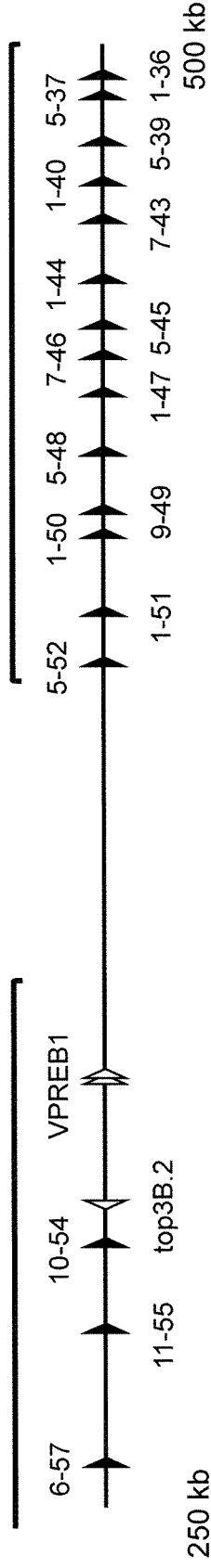


Human λ Light Chain Locus

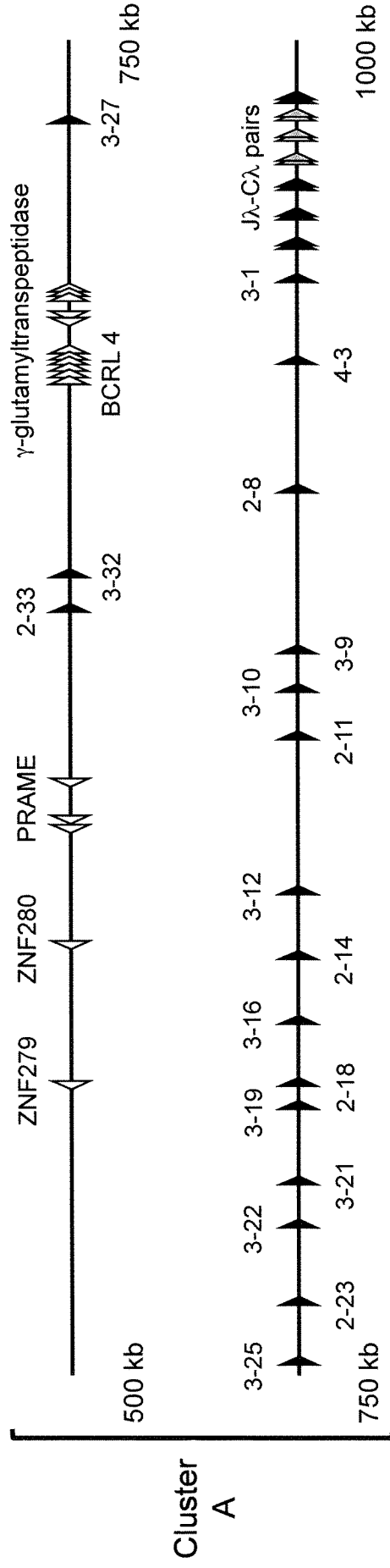
Cluster C



Cluster C



Cluster B



Cluster A

FIG. 1

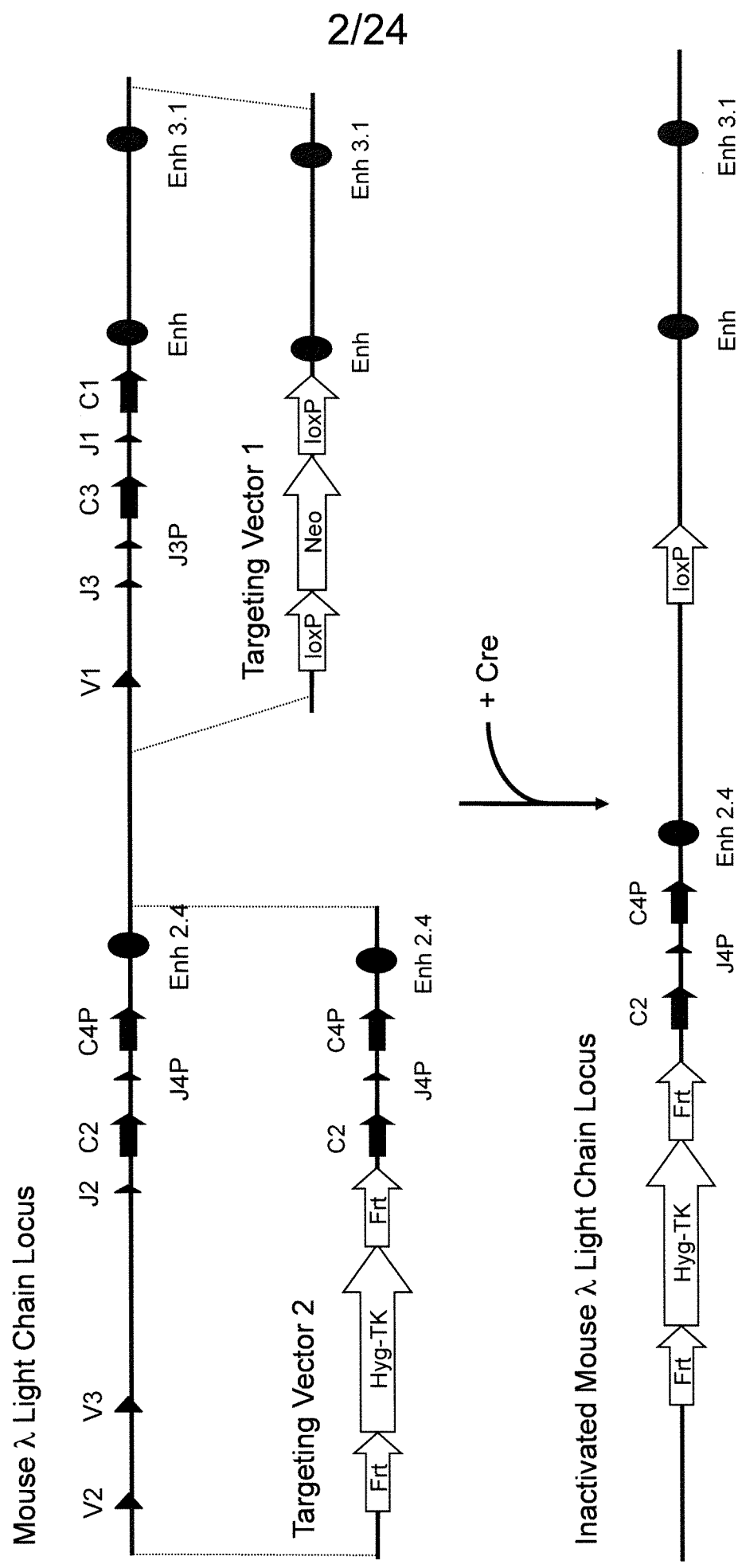


FIG. 2

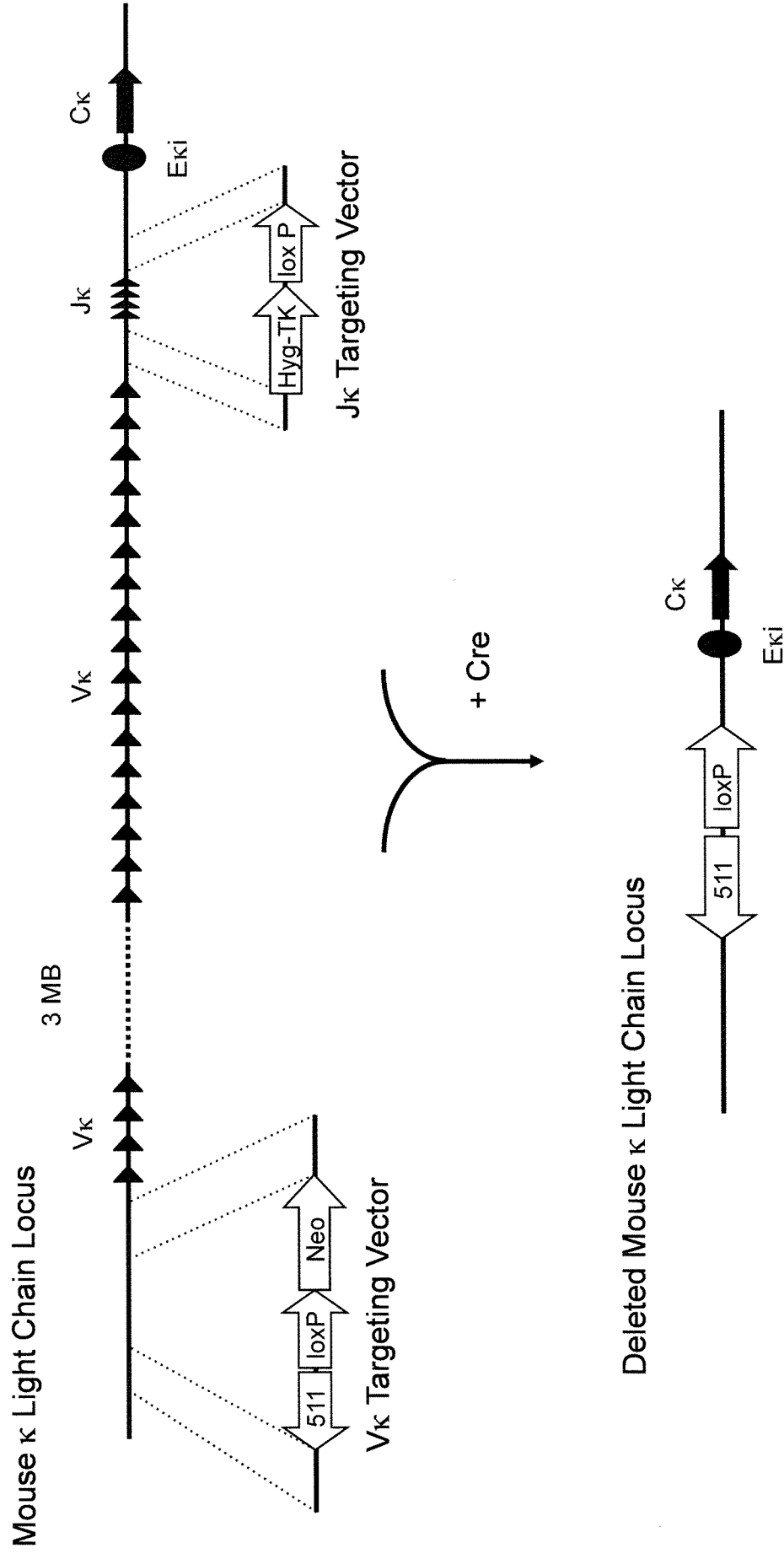


FIG. 3

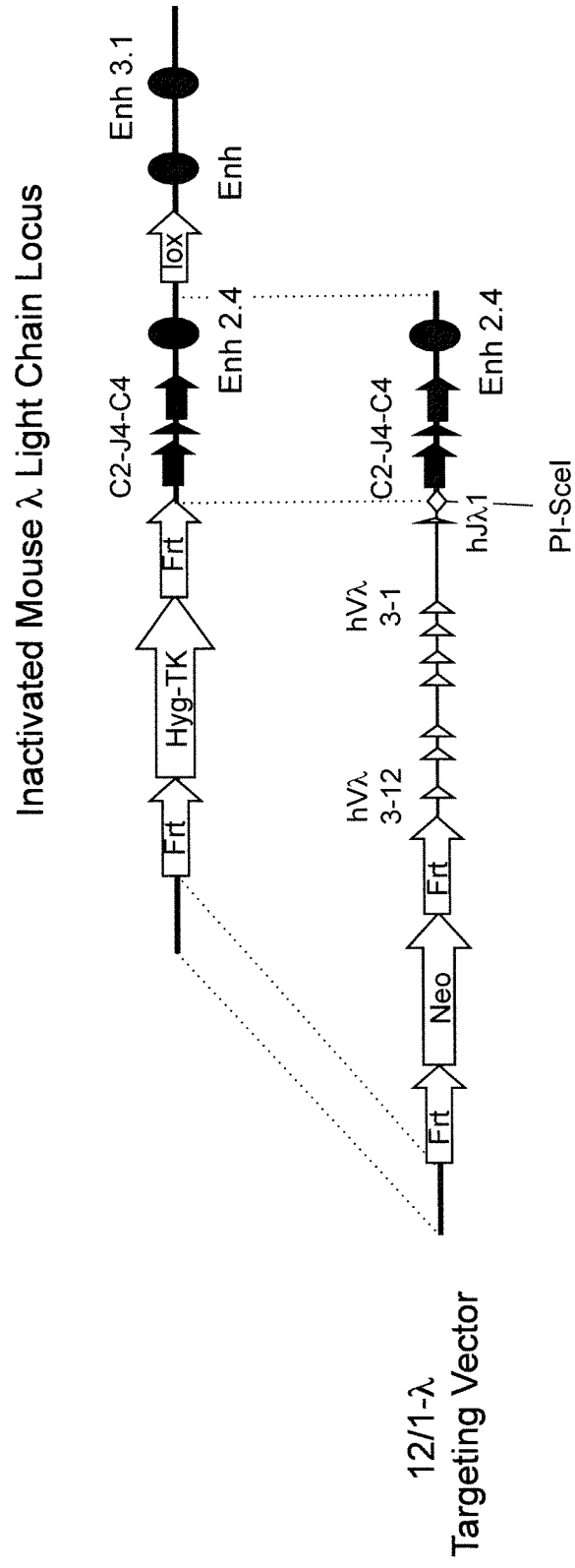


FIG. 4A

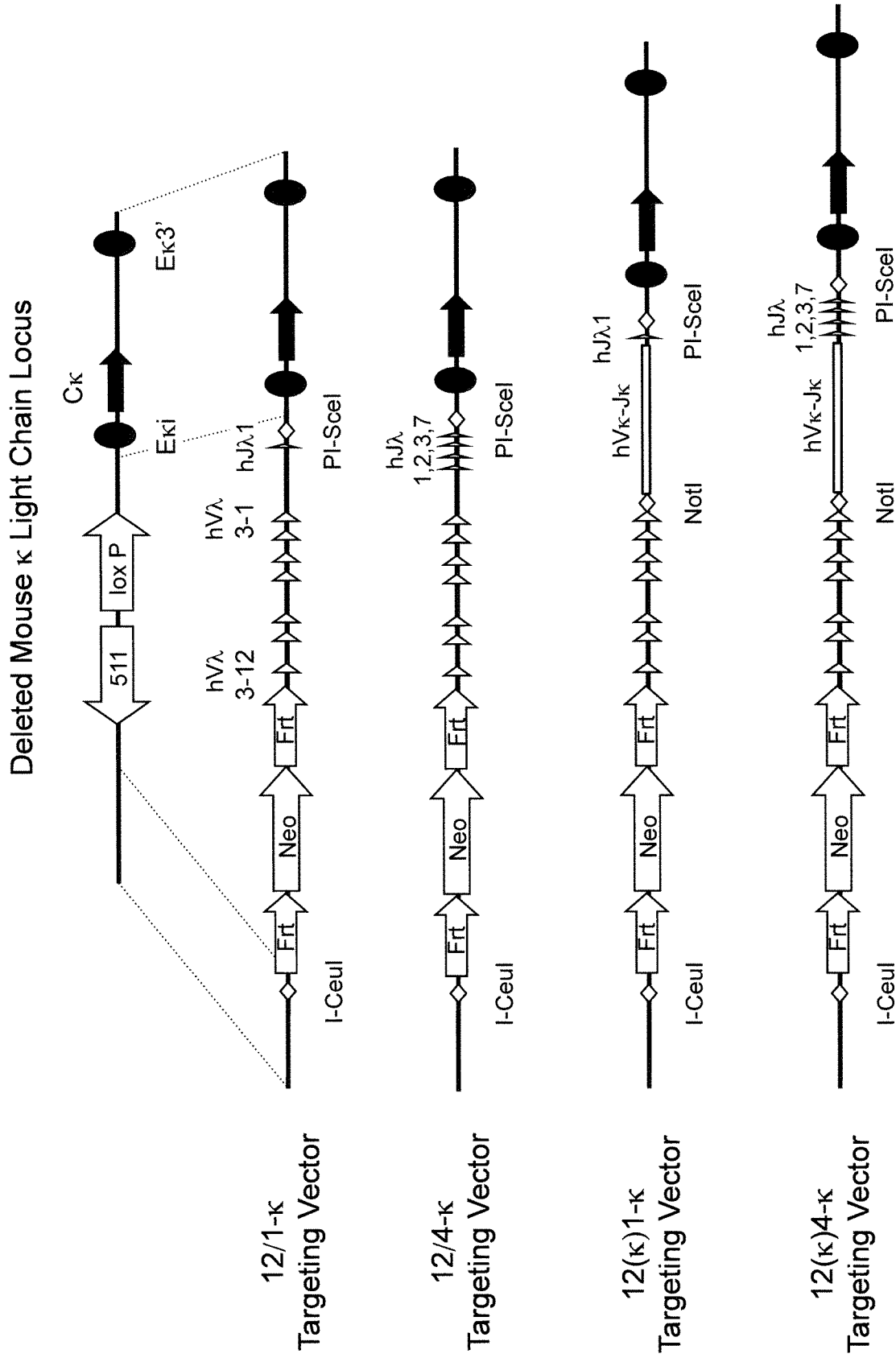


FIG. 4B

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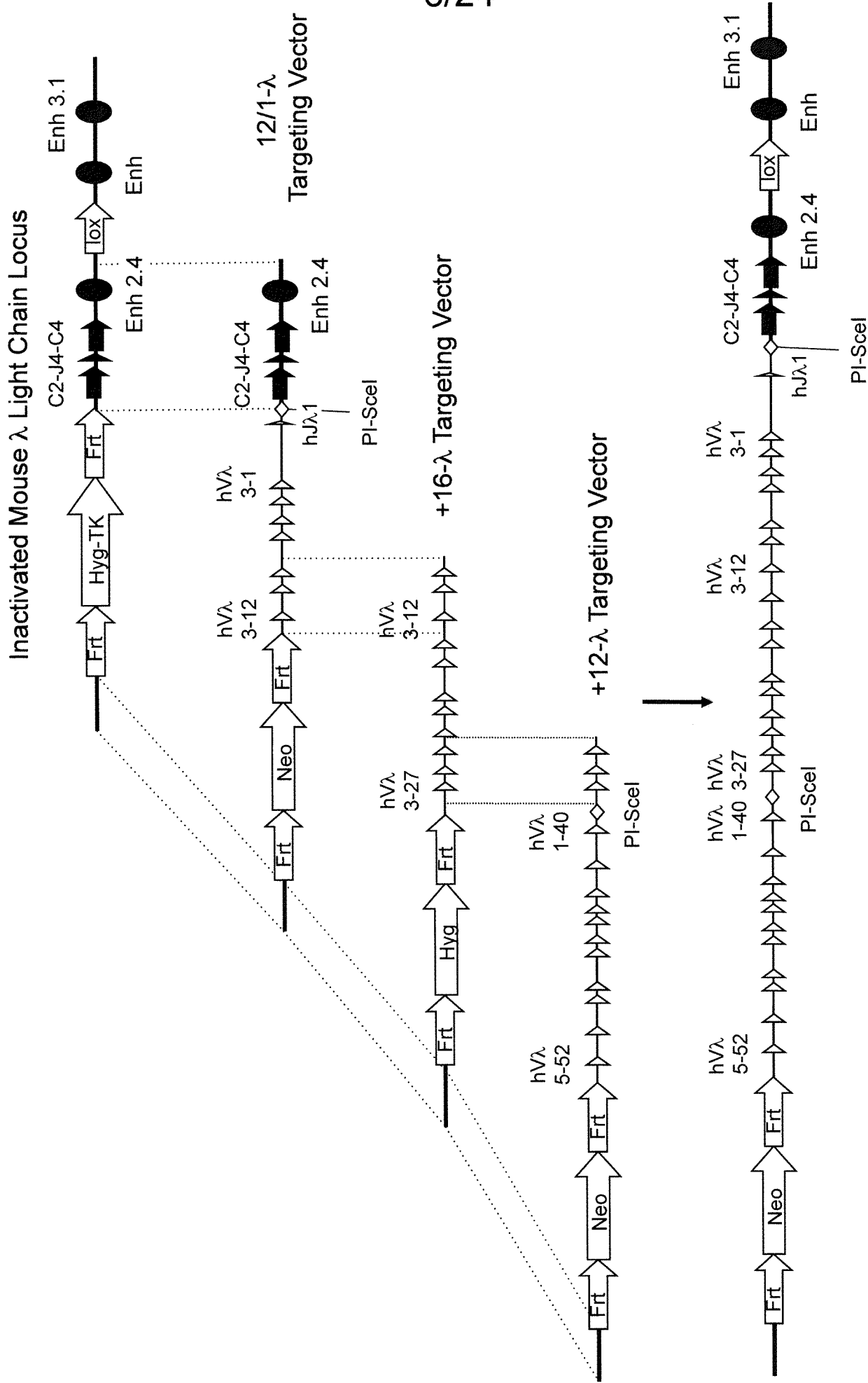


FIG. 5A

Deleted Mouse κ Light Chain Locus

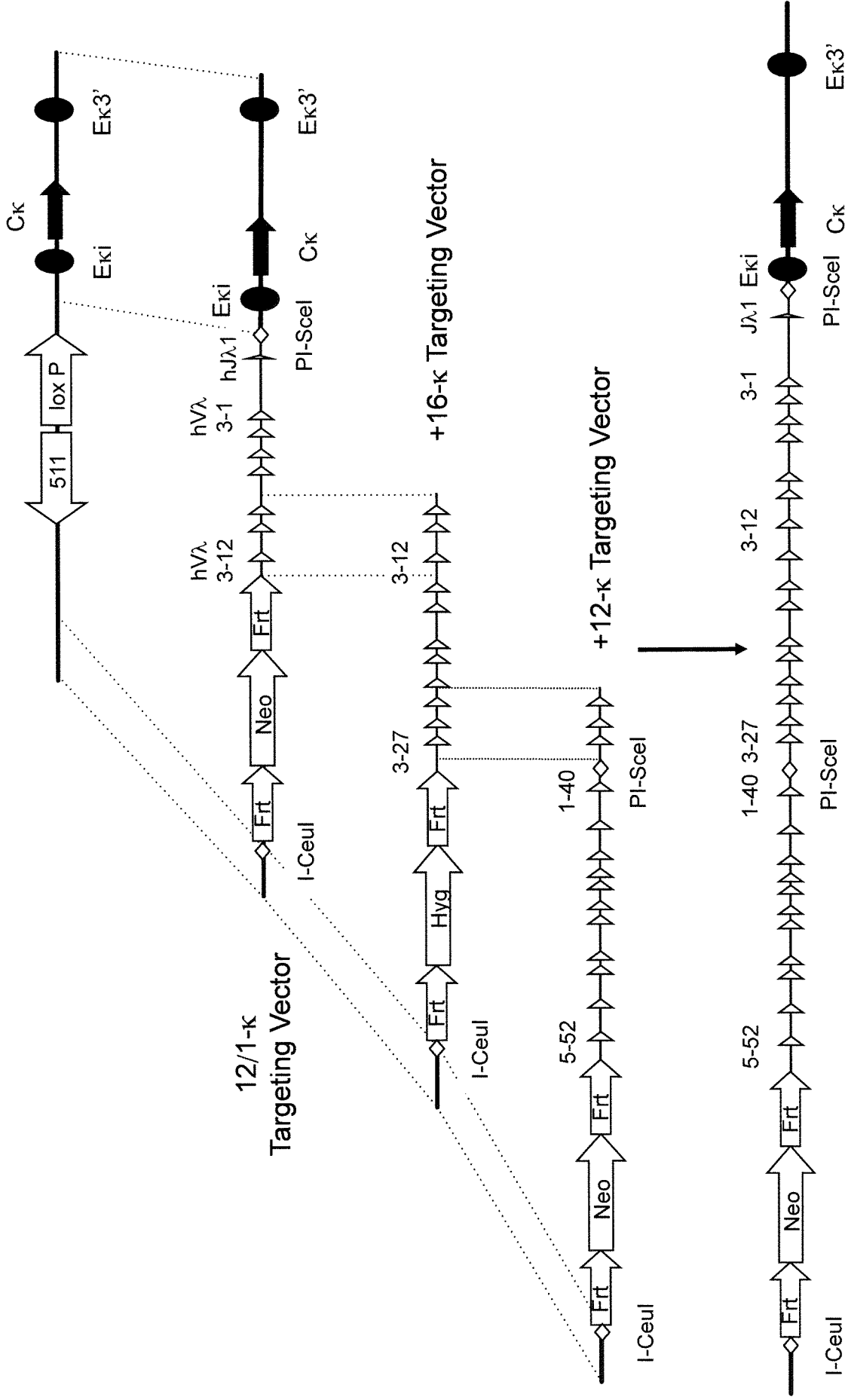


FIG. 5B

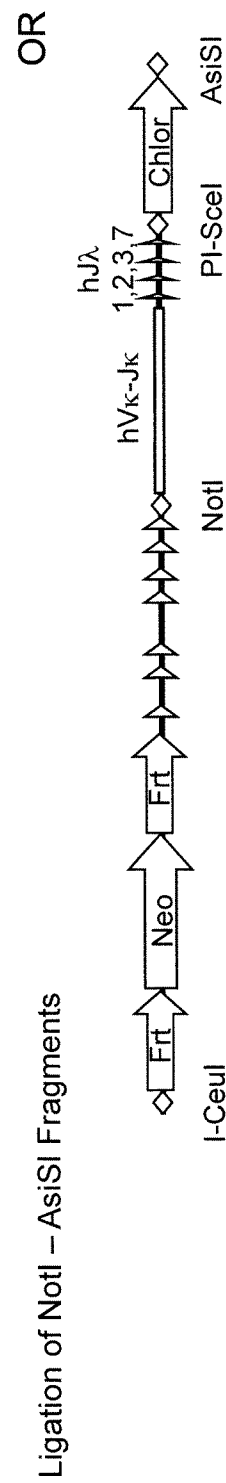
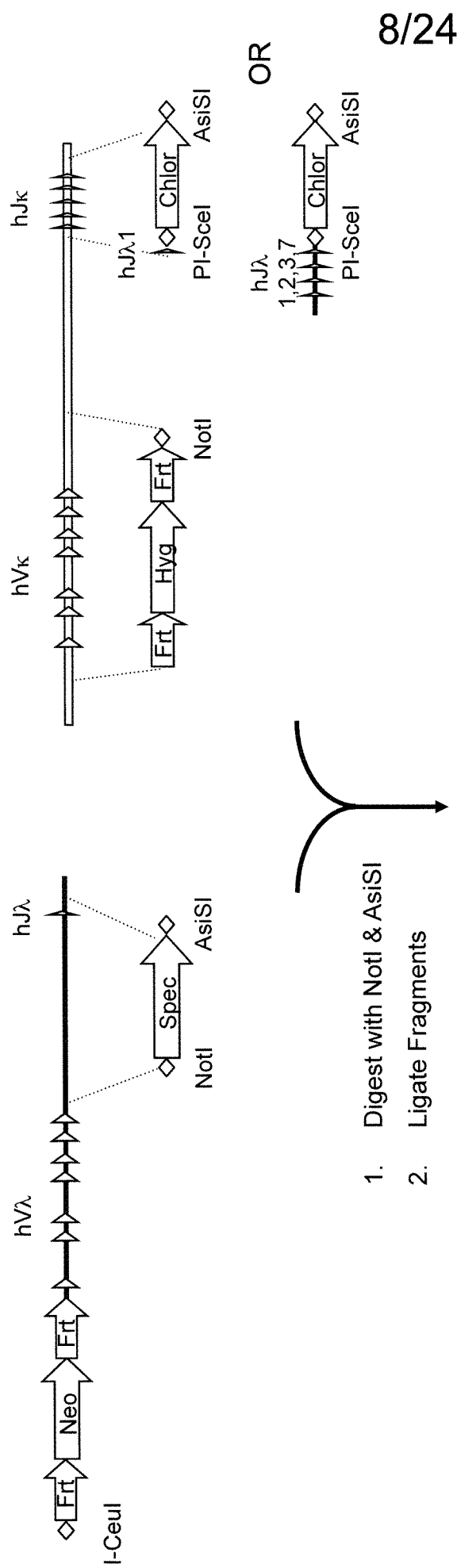


FIG. 6

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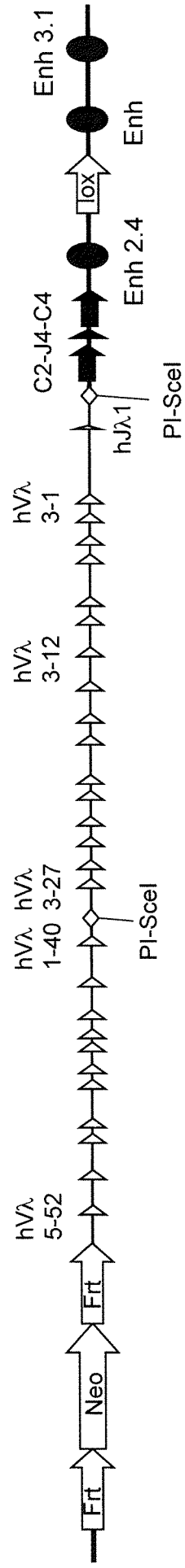


FIG. 7A

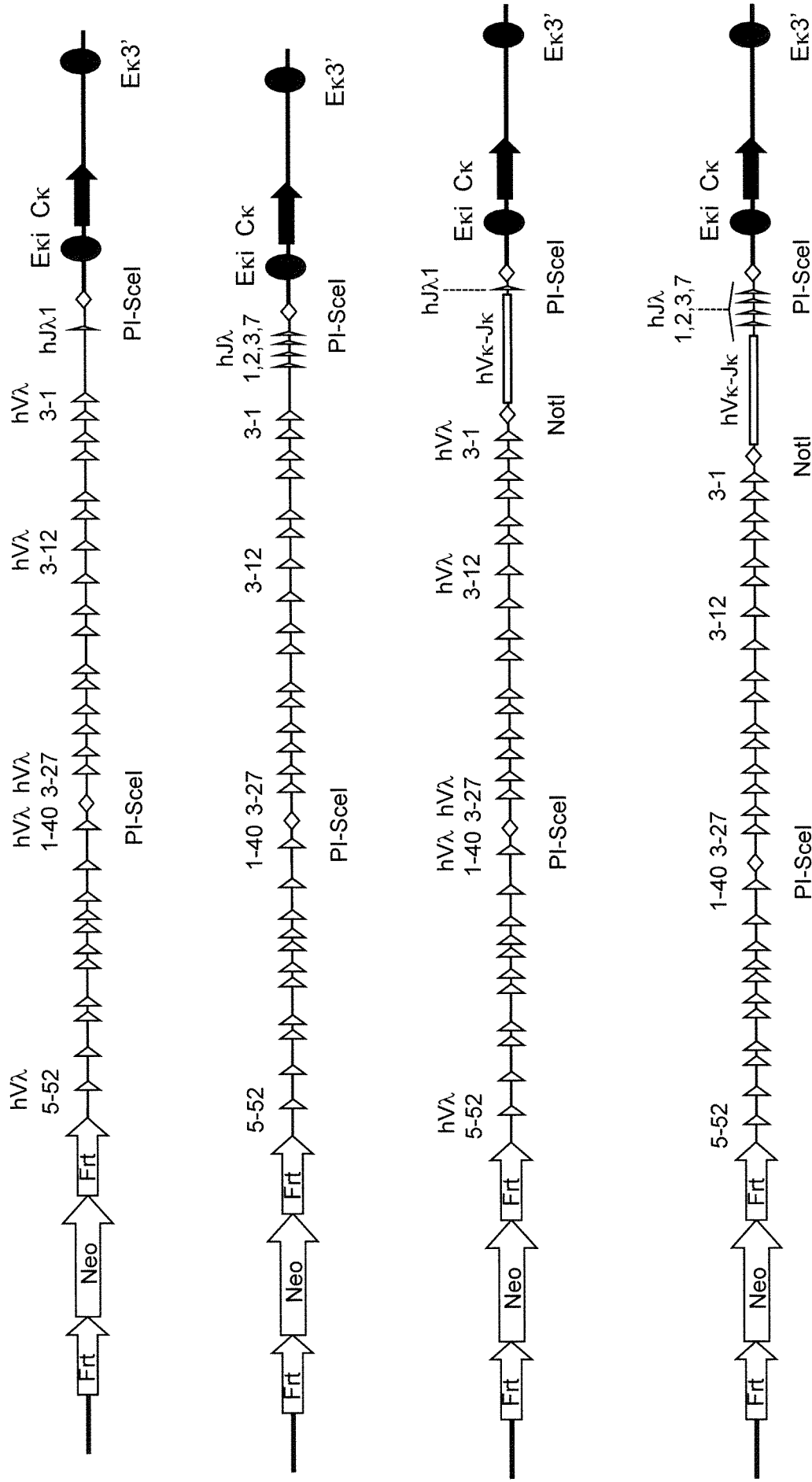


FIG. 7B

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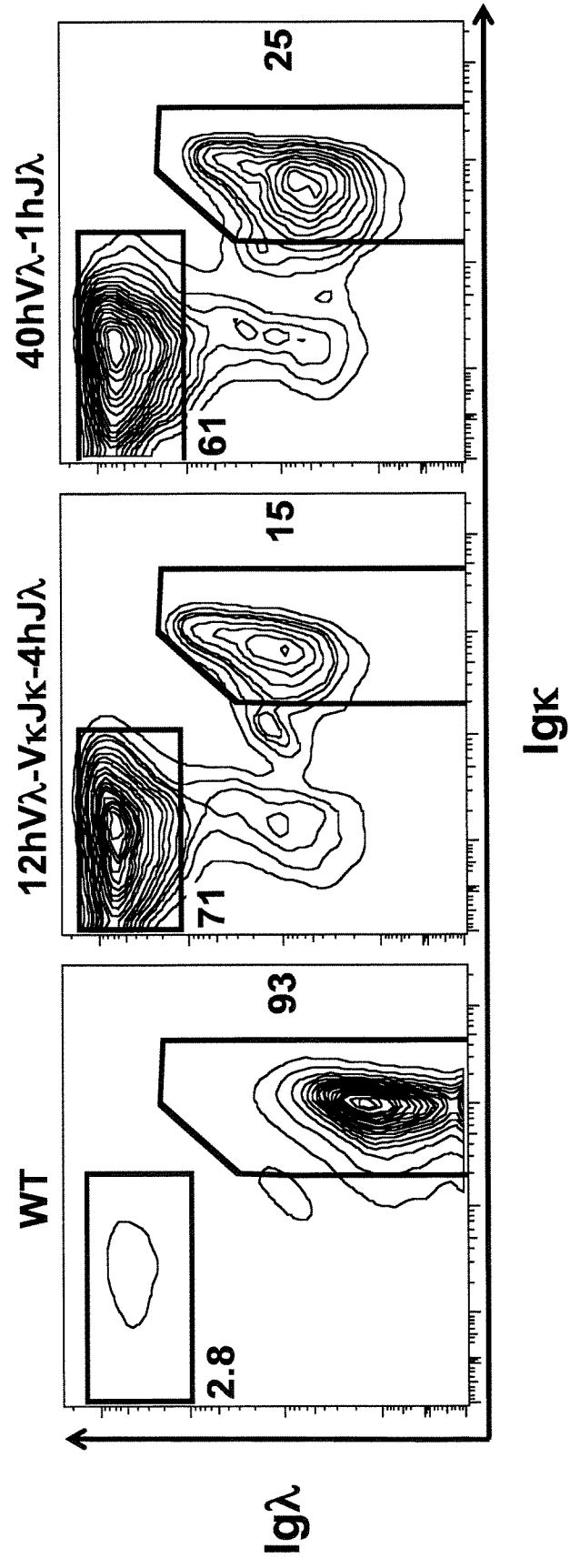


FIG. 8A

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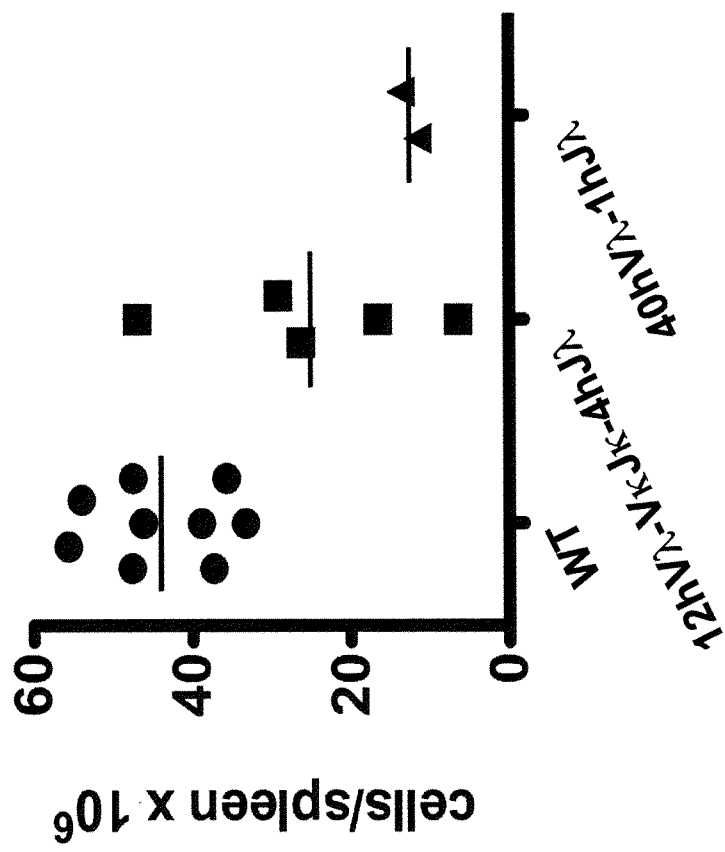


FIG. 8B

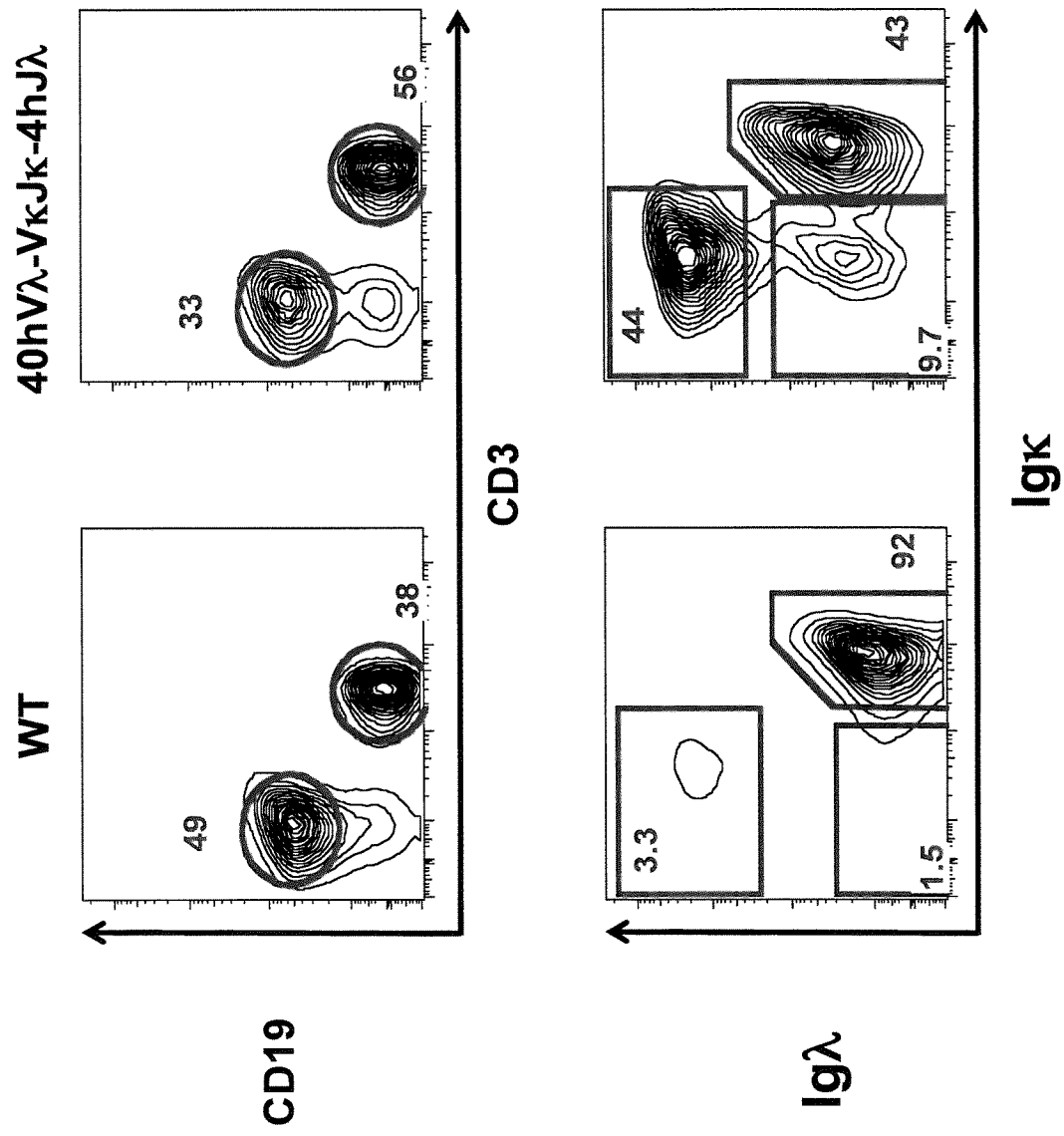


FIG. 9A

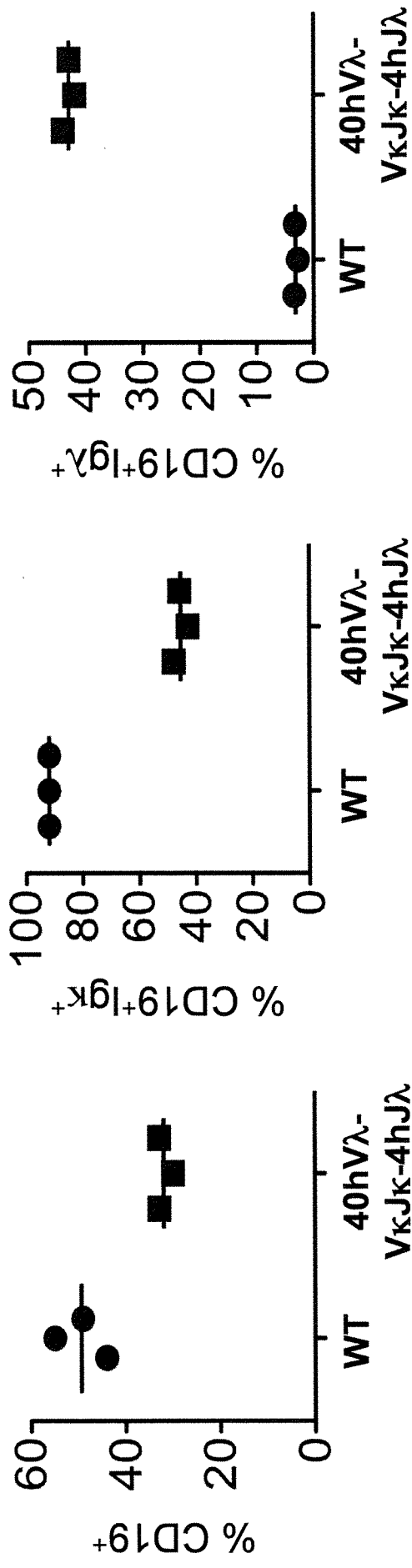


FIG. 9B

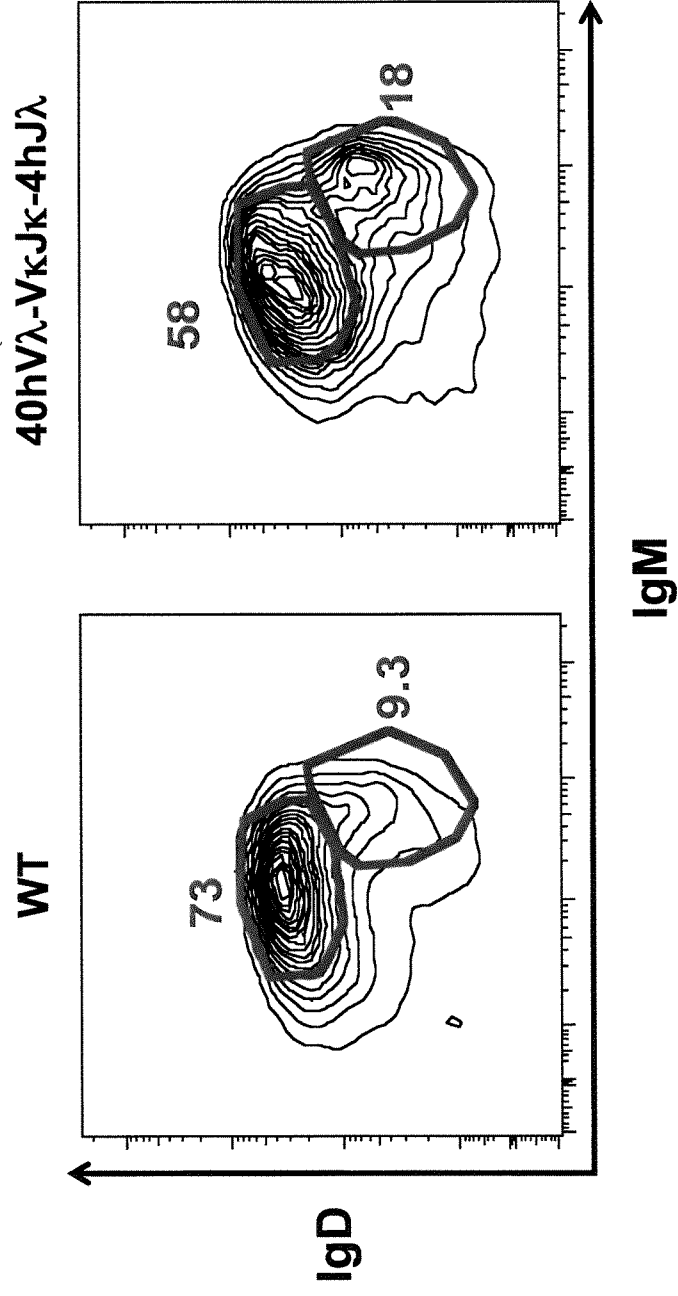


FIG. 9C

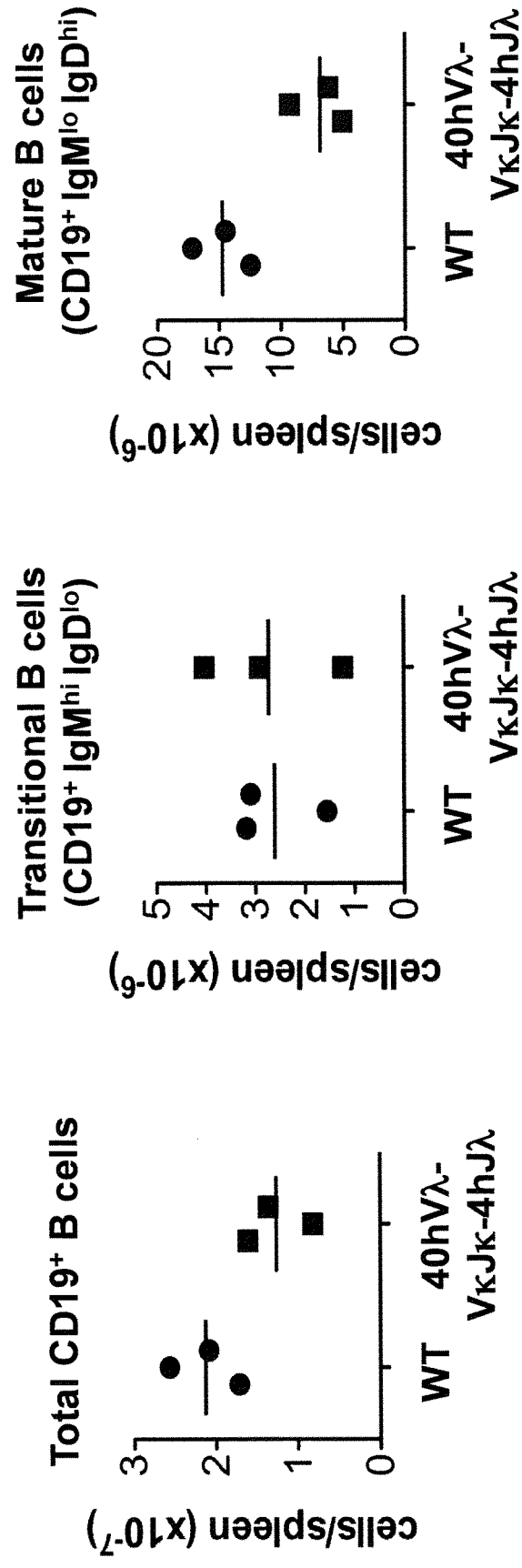


FIG. 9D

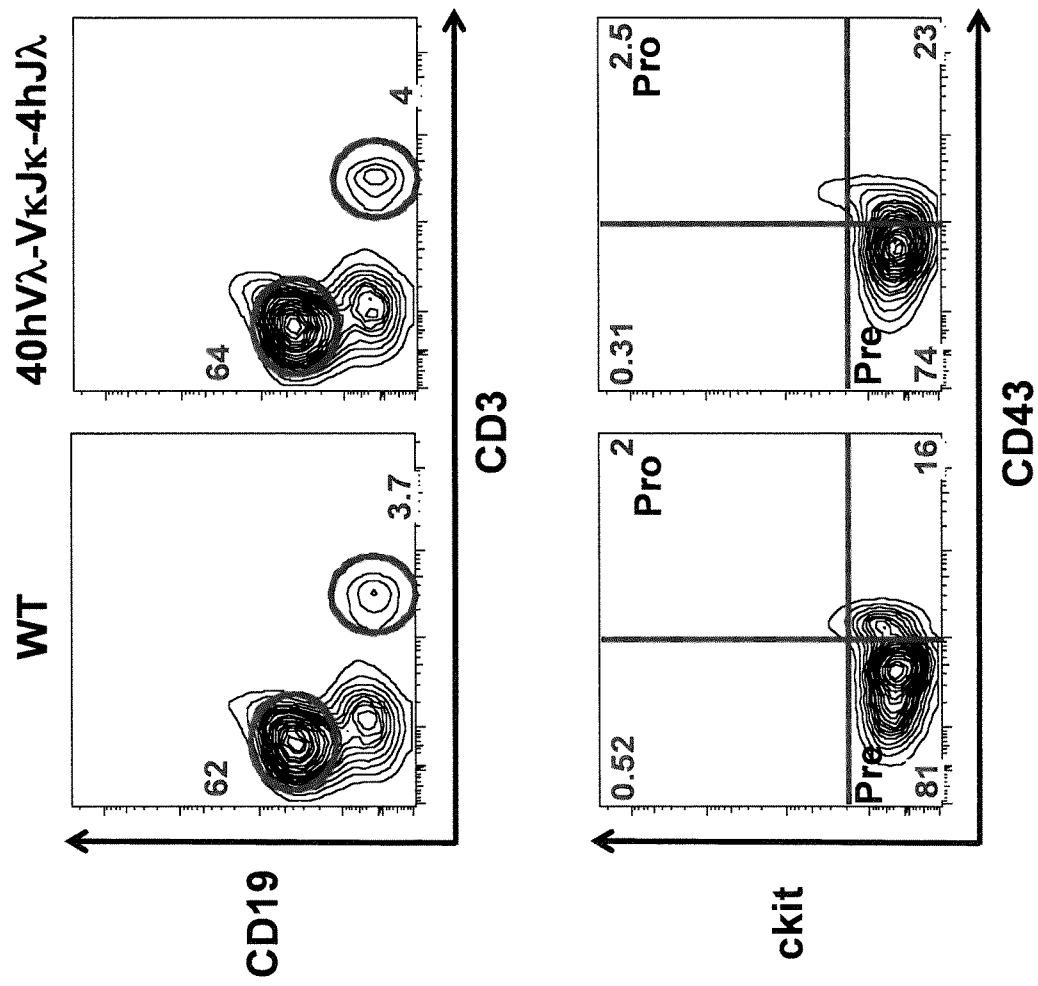


FIG. 10A

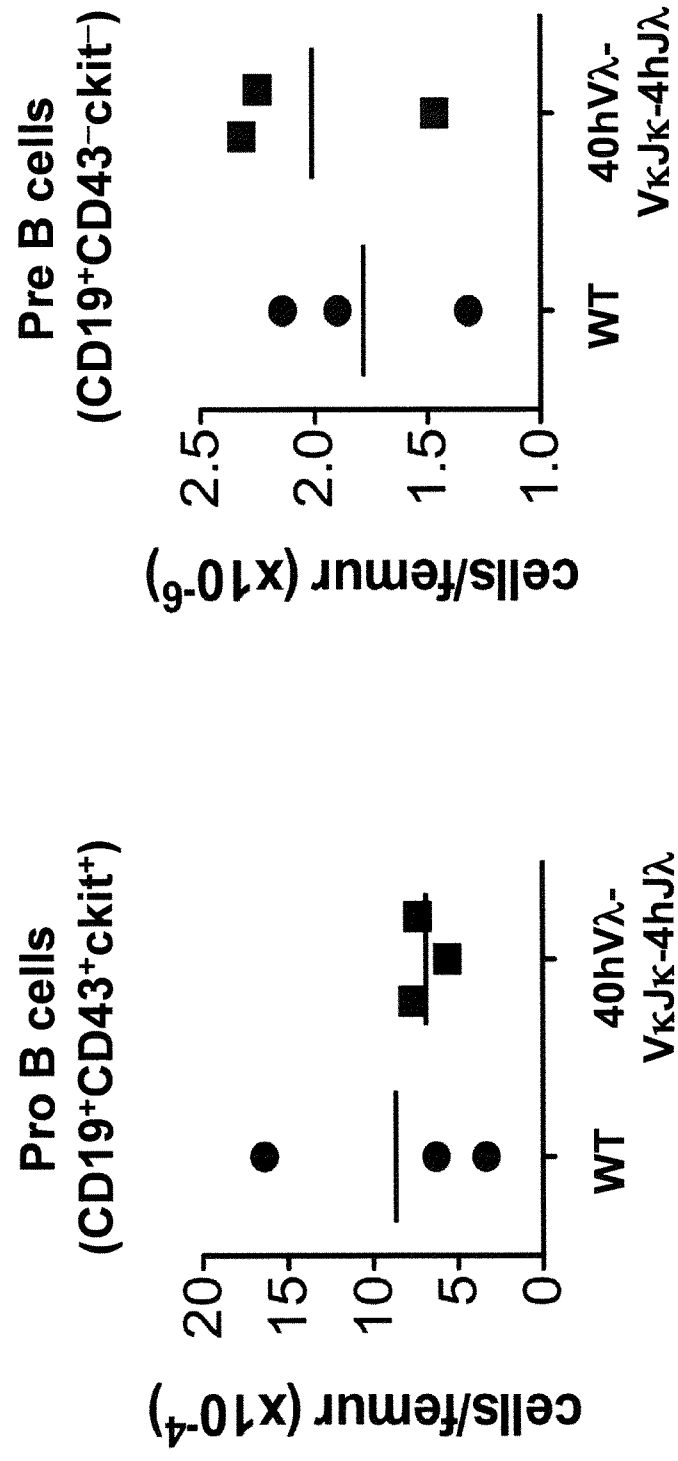


FIG. 10B

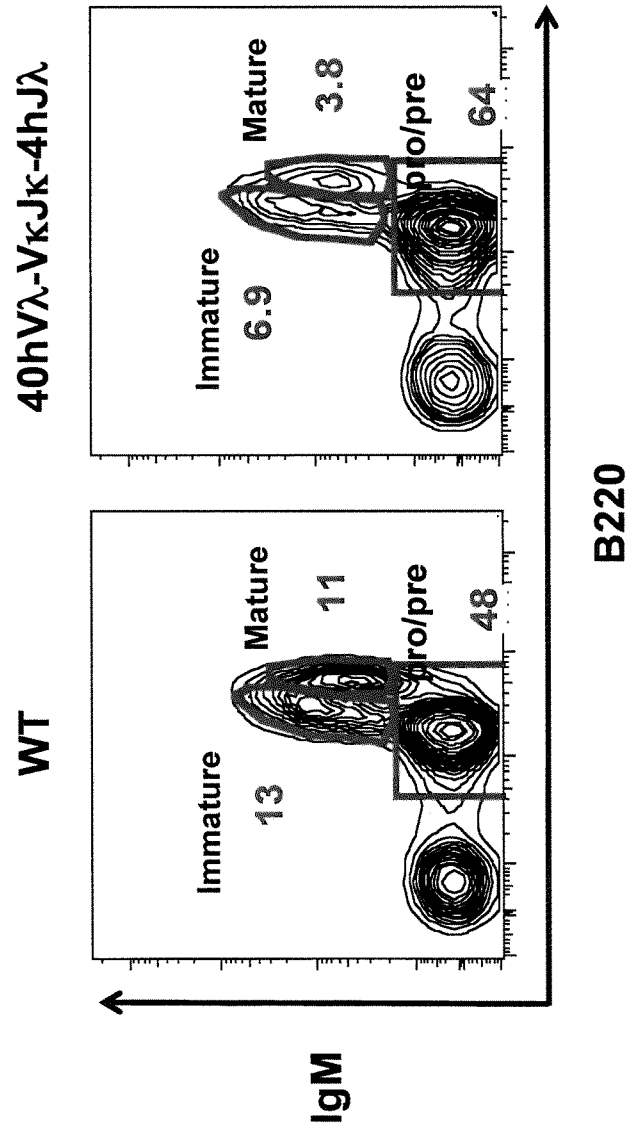


FIG. 10C

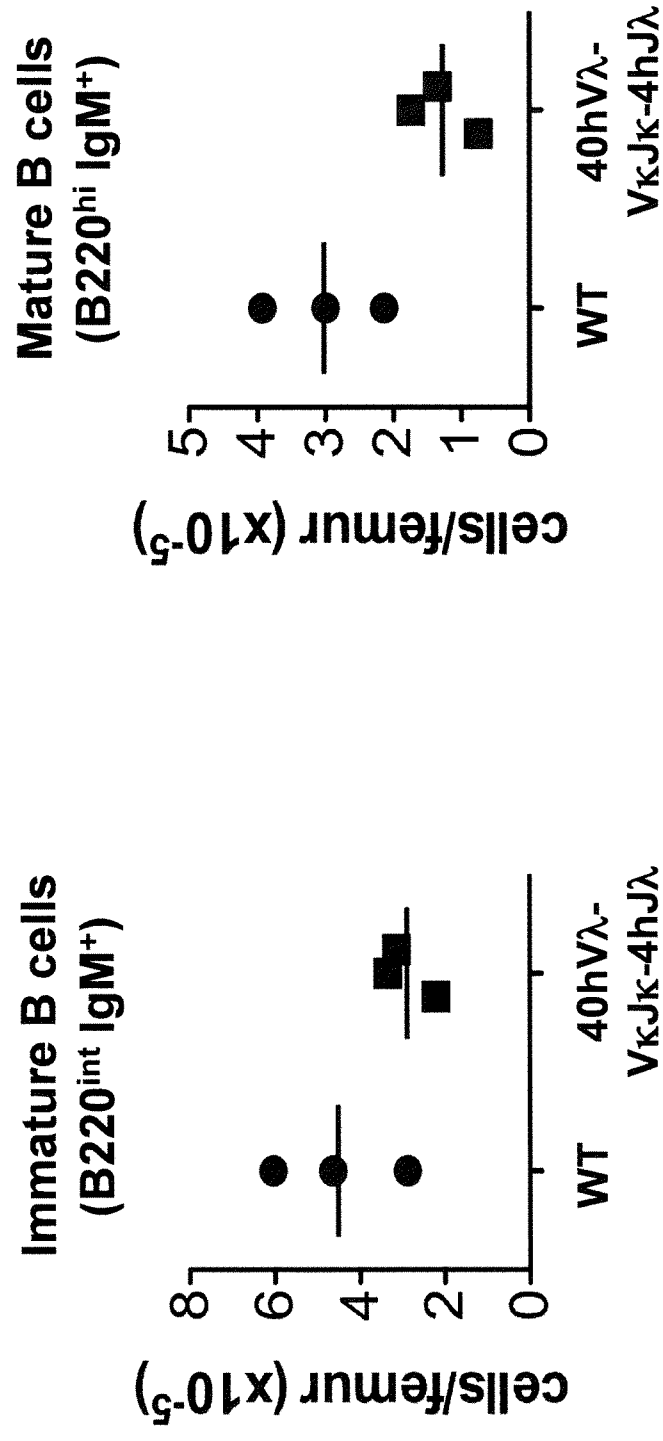


FIG. 10D

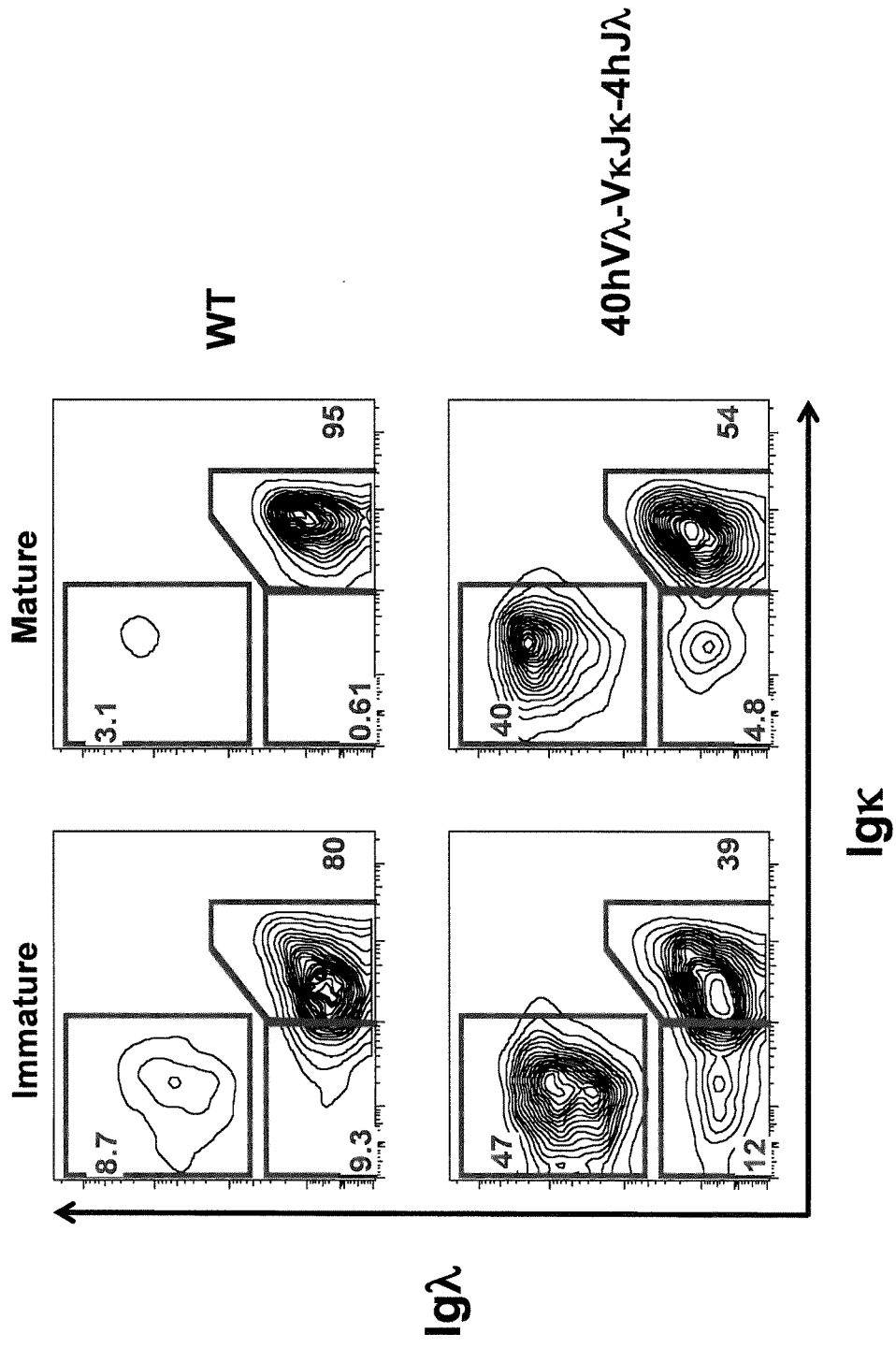


FIG. 10E

3' Human Vλ	Human Jλ1	5' Mouse Cκ
A6	GCAACAAATT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
B6	GCAACAAATT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
F6	GCAACAAATT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
B7	GCAACAAATT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
E7	GCAACAAAT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
F7	GCAACAAATT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
C8	GCAACAAATT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
E12	CAAGTCGGTT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
1-4	TGAGTGCT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
1-20	TGAGTGCg	GGGCTGATGCTGCACCAACTGTATCCATCTTC
3B43	CTGAATGGT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
5-8	AGTGGTAAT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
5-19	AGTGGTGCT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
1010	AGCAGCACT	GGGCTGATGCTGCACCAACTGTATCCATCTTC
11A1	AGCAGCGCT	GGGCTGATGCTGCACCAACTGTA
7A8	GGTGGTGCT	GGGCTGATGCTGCACCAACTGTATCC
3A3	AGTAGCACT	GGGCTGATGCTGCACCAACTGTATCCATC
2-7	AGCAGCACT	GGGCTGATGCTGCACCA
FWR4	F G T G T K V T V L G A D A A P T V S I F	

FIG. 11

	3' Human Vλ	Human Jλ	5' Mouse Cκ
5-2	CAGCCTGAGTGGTTC	TGTGTTTCGGAGGAGGCACCCGGCTGACCGCCCTCG	GGGCTGATGCTGCACCAACTGTATCCATC
2-5	CAGCCTGAGTGGTT	ATGTCCTTCGGAACCTGGGACCAAGGTCAACCGTCCTAG	GGGCTGATGCTGCACCAACTGTATCCATC
1-3	CAGCCTGAATGGT	GCTGTGTTTCGGAGGAGGCACCCAGCTGACCGCCCTCG	GGGCTGATGCTGCACCAACTGTATCCATC
4B-1	CAGCCTGAGTGGTC	GGGTGTTTCGGCGGAGGGACCAAGCTGACCGTCCTAG	GGGCTGATGCTGCACCAACTGTATCCATC
3B-5	CAGCAGCACTGC	TGTGTTTCGGAGGAGGCACCCAGCTGACCGCCCTCG	GGGCTGATGCTGCACCAACTGTATCCATC
7A-1	CAGCAGTGGTAAT	GCTGTGTTTCGGAGGAGGCACCCAGCTGACCGCCCTCG	GGGCTGATGCTGCACCAACTGTATCCATC
5-1	CAGCAGTGGTAATCATAG	GGTGTTTCGGCGGAGGGACCAAGCTGACCGTCCTAG	GGGCTGATGCTGCACCAACTGTATCCATC
4A-1	CAGCCTGAGTGGTT	ATGTCCTTCGGAACTGGGACCAAGGTCACCGTCCTAG	GGGCTGATGCTGCACCAACTGTATCCATC
11A-1	CAGCAGCGCT	GTGGTATTCGGCGGAGGGACCAAGCTGACCGTCCTAG	GGGCTGATGCTGCACCAACTGTATCCATC
5-7	CTACTATGGTGGTCTC	GGGTGTTTCGGCGGAGGGACCAAGCTGACCGTCCTAG	GGGCTGATGCTGCACCAACTGTATCCATC
5-4	CTCCTATAGTGGTGCTCGa	GTATTCGGCGGAGGGACCAAGCTGACCGTCCTAG	GGGCTGATGCTGCACCAACTGTATCCATC
2-3	GAGCAACTTCGTGT	CTGTGTTTCGGAGGAGGCACCCAGCTGACCGCCCTCG	GGGCTGATGCTGCACCAACTGTATCCATC
FWR4		F G G G T K L T V L G A D A A P T V S I	

FIG. 12

	3' Human Vλ	Human Jλ1	5' Mouse Cλ2
2D1	GCAGGCAGCAACAATTa	aGTCTTCGGAACTGGGACCAAGGTCACCGTCCTAG	GTCAGCCCCAAGTCCACTCCCACCTCTC
2D9	GACAGCAGTGGTAATCAT	TATGTCTTCGGAACTGGGACCAAGGTCACCGTCCTAG	GTCAGCCCCAAGTCCACTCCCACCTCTC
3E15	GACAGCAGCACTGCC	GTCTTCGGAACTGGGACCAAGGTCACCGTCCTAG	GTCAGCCCCAAGTCCACTCCCACCTCTC
FWR4		F G T G T K V T V L G Q P K S T P T L	

FIG. 13