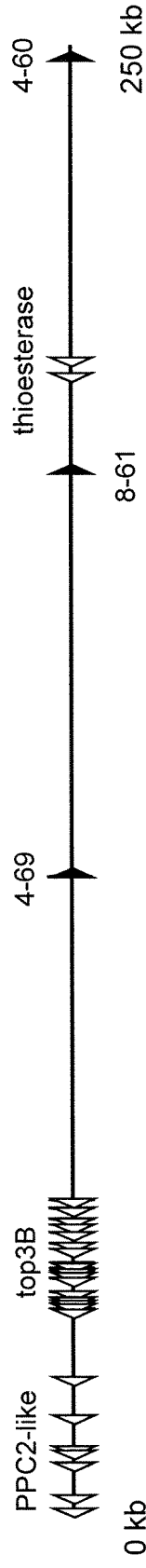
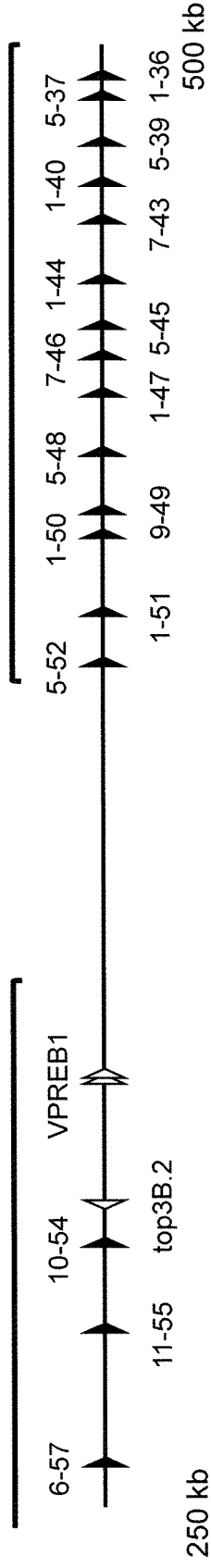


Human λ Light Chain Locus

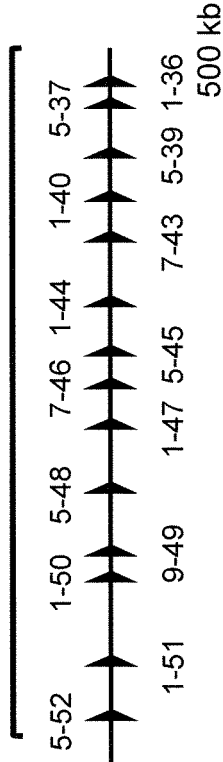
Cluster C



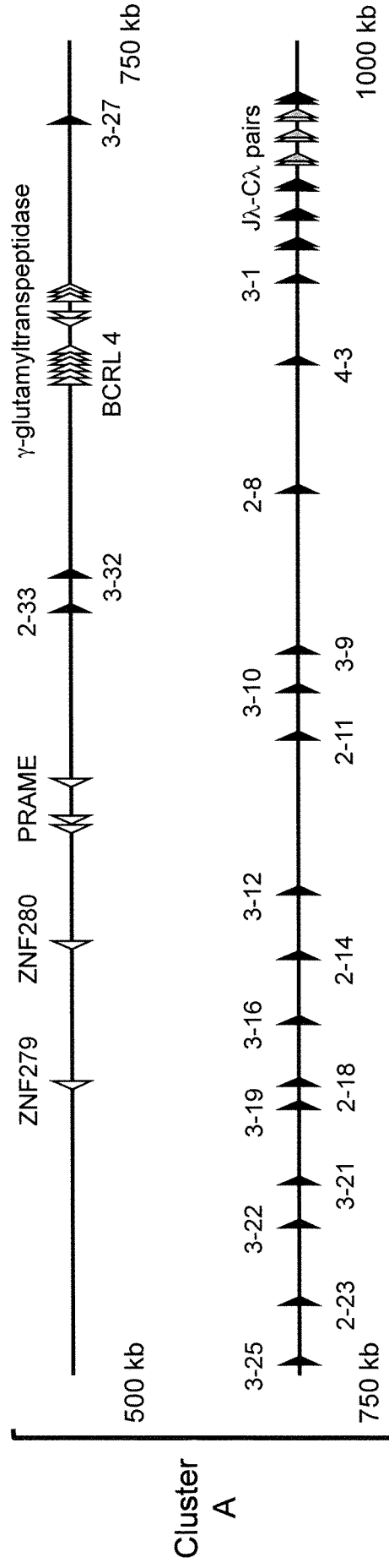
Cluster C



Cluster B



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Cluster A

FIG. 1

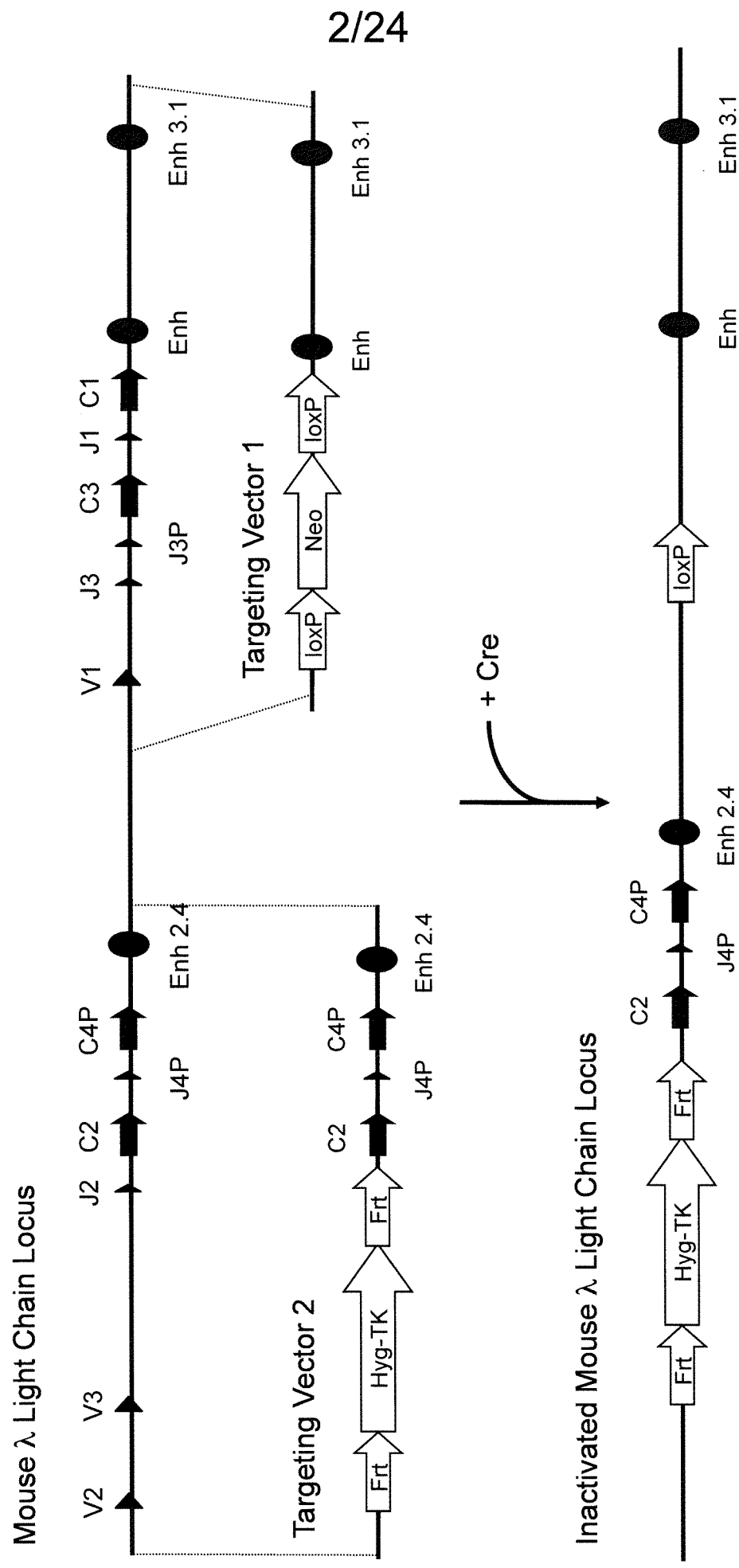


FIG. 2

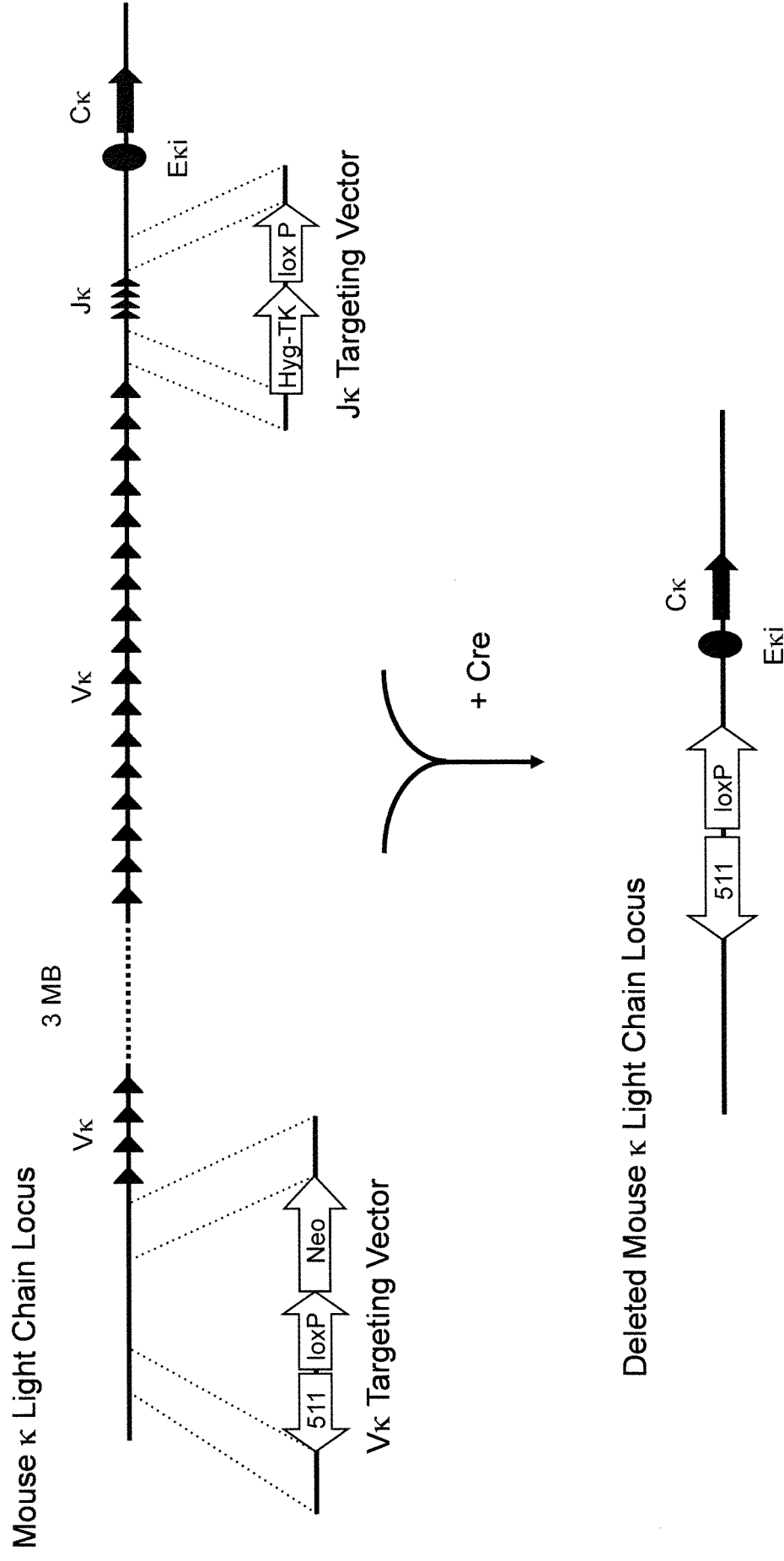


FIG. 3

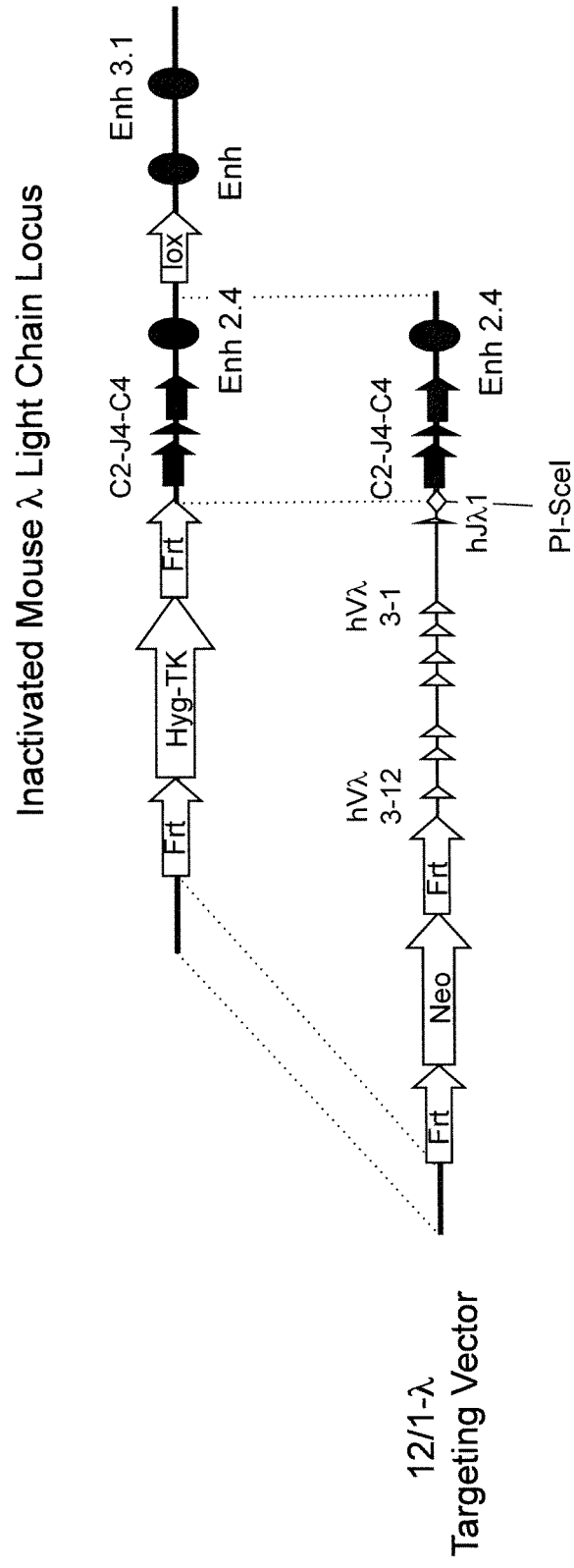


FIG. 4A

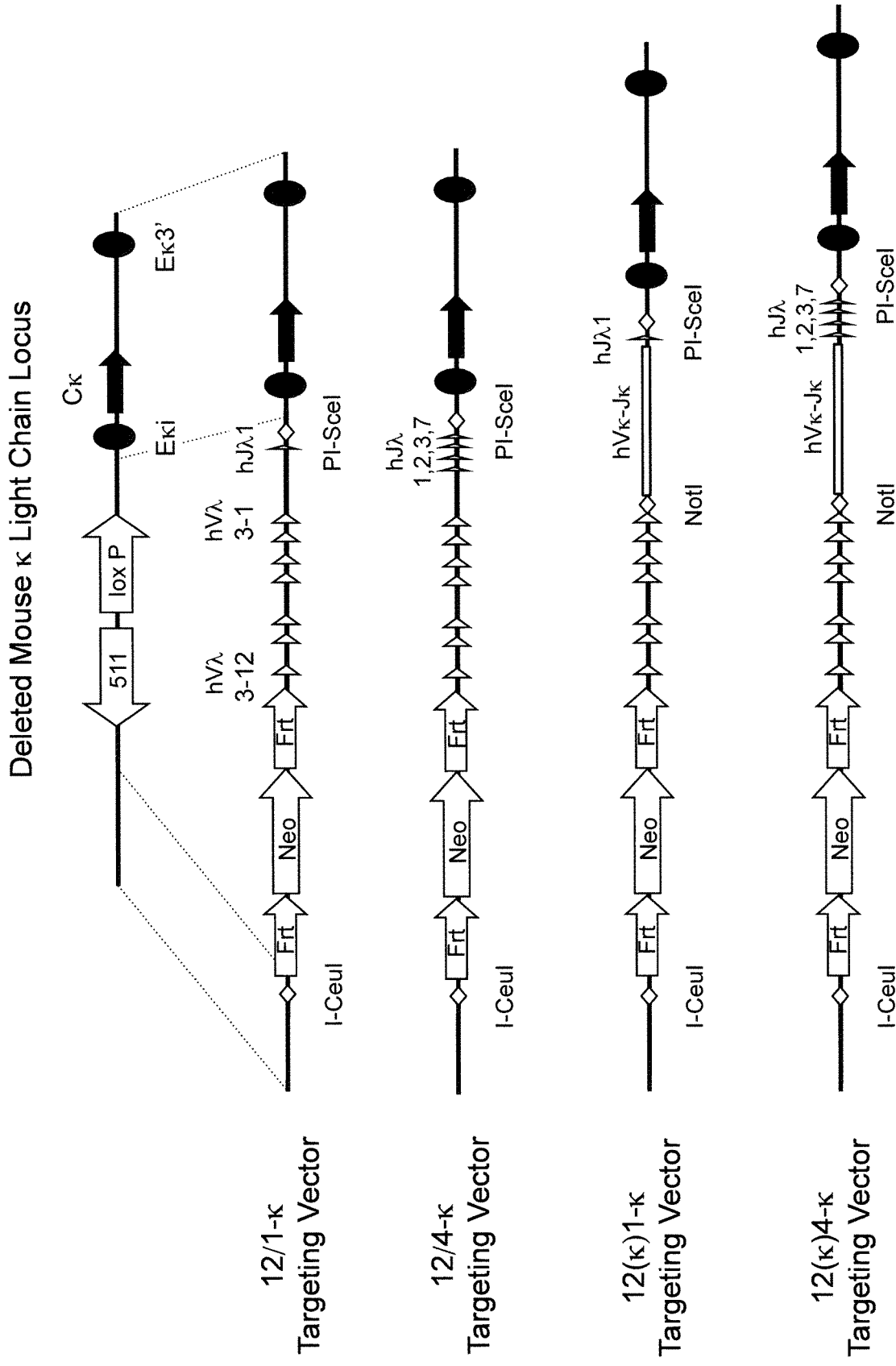


FIG. 4B

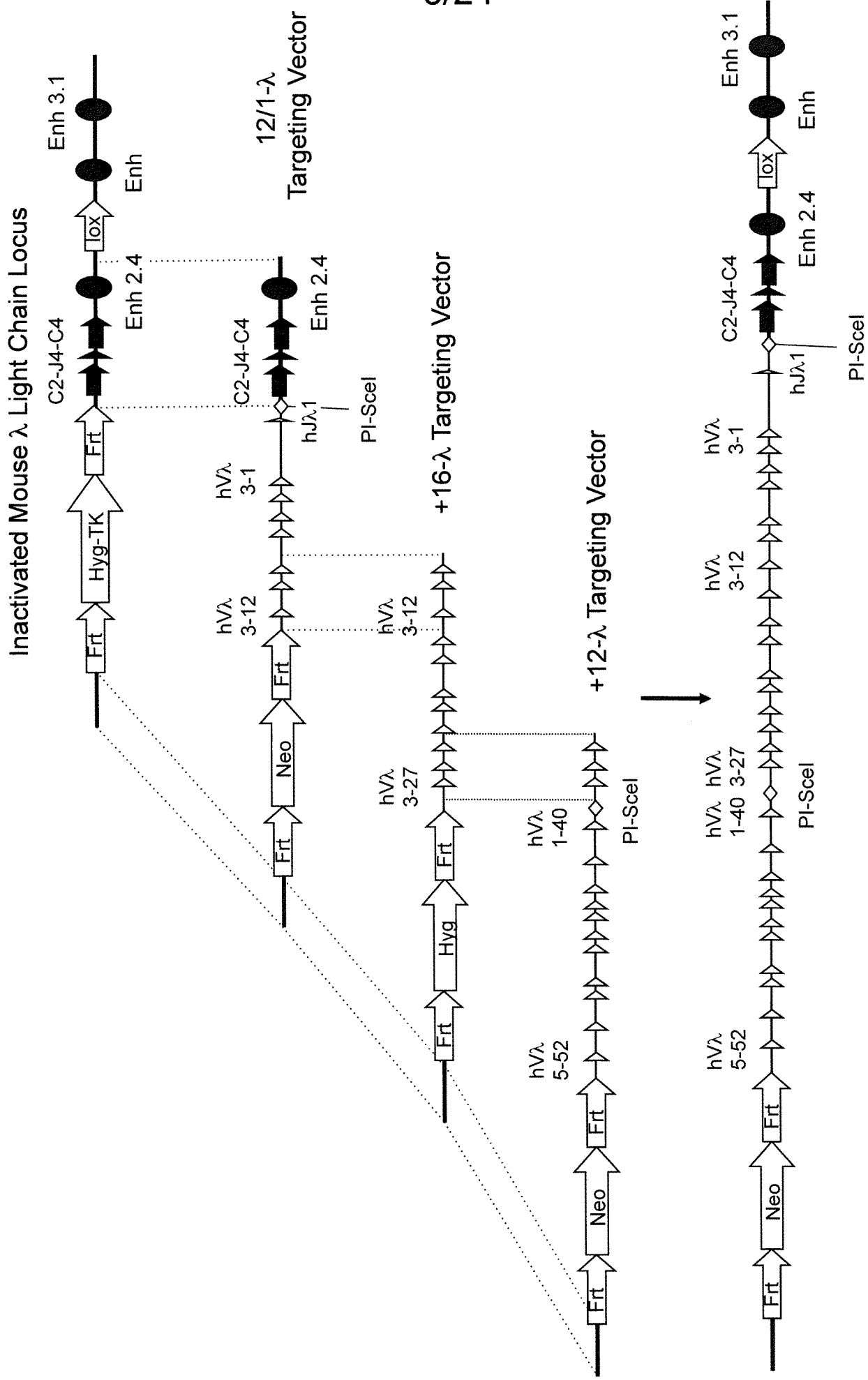
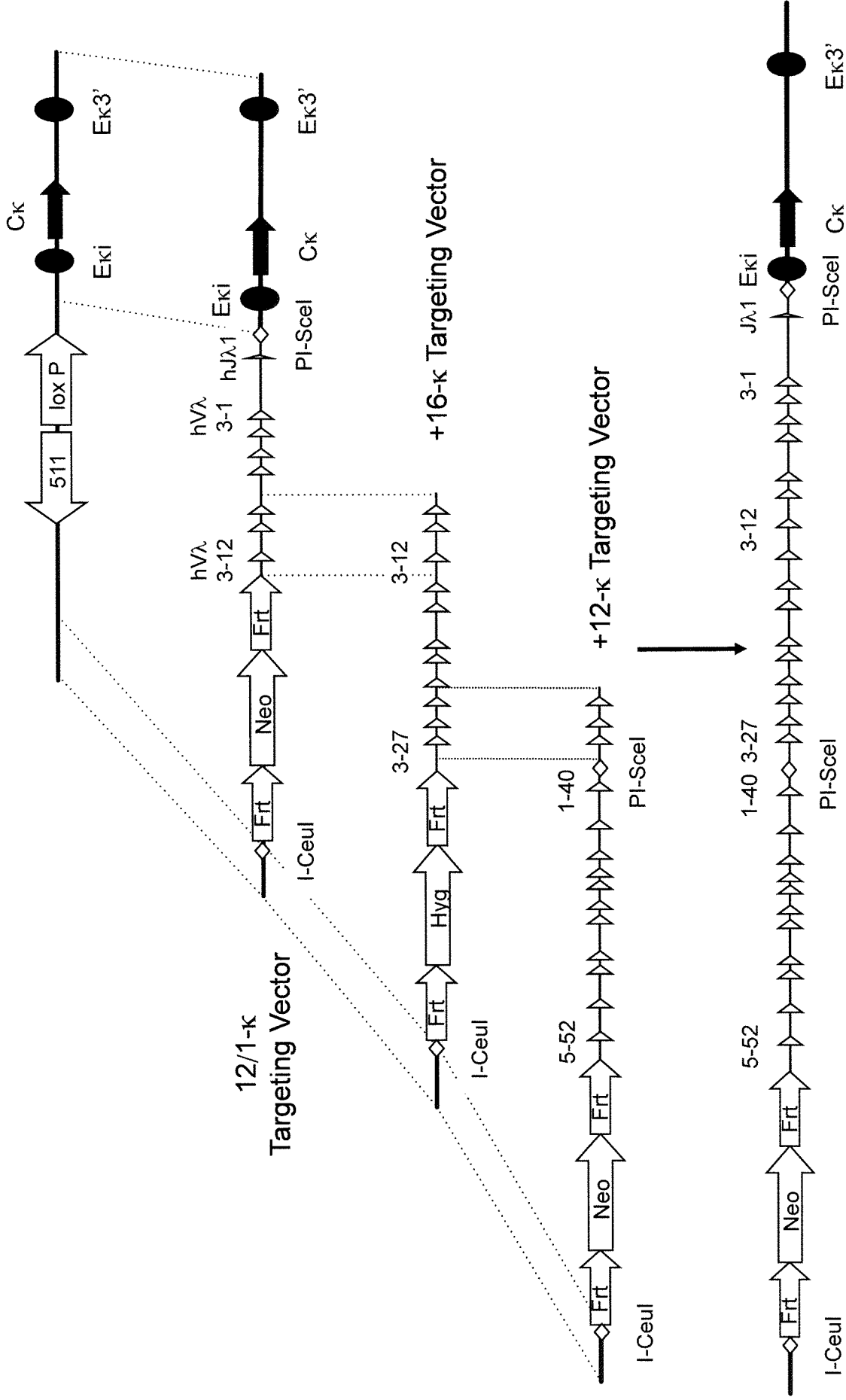


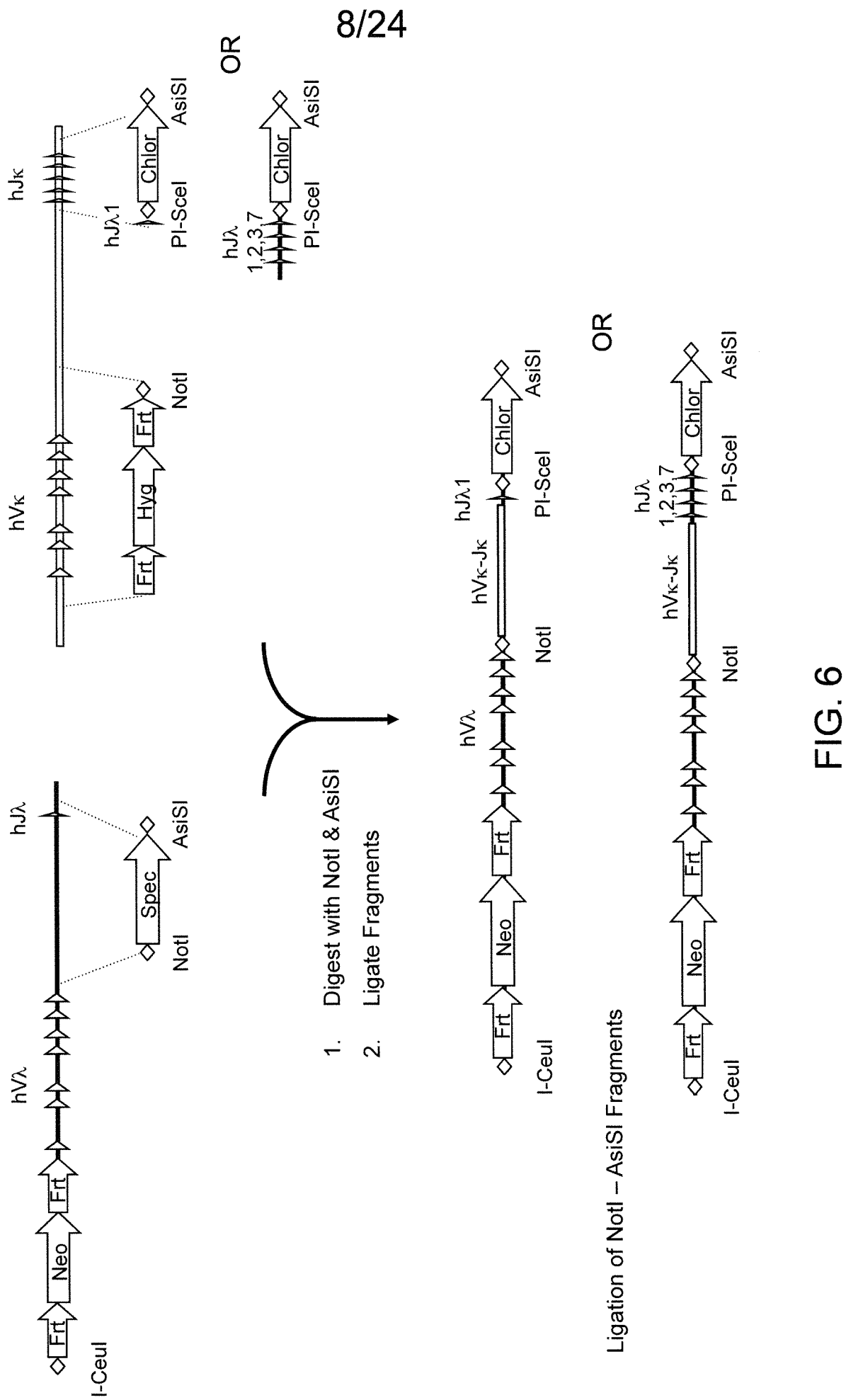
FIG. 5A

Deleted Mouse κ Light Chain Locus



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FIG. 5B



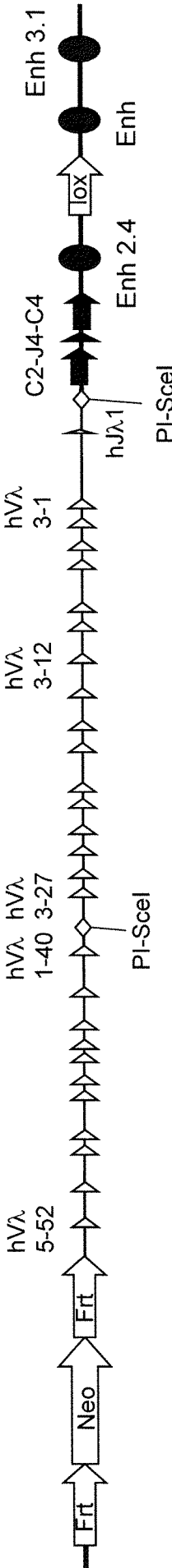


FIG. 7A

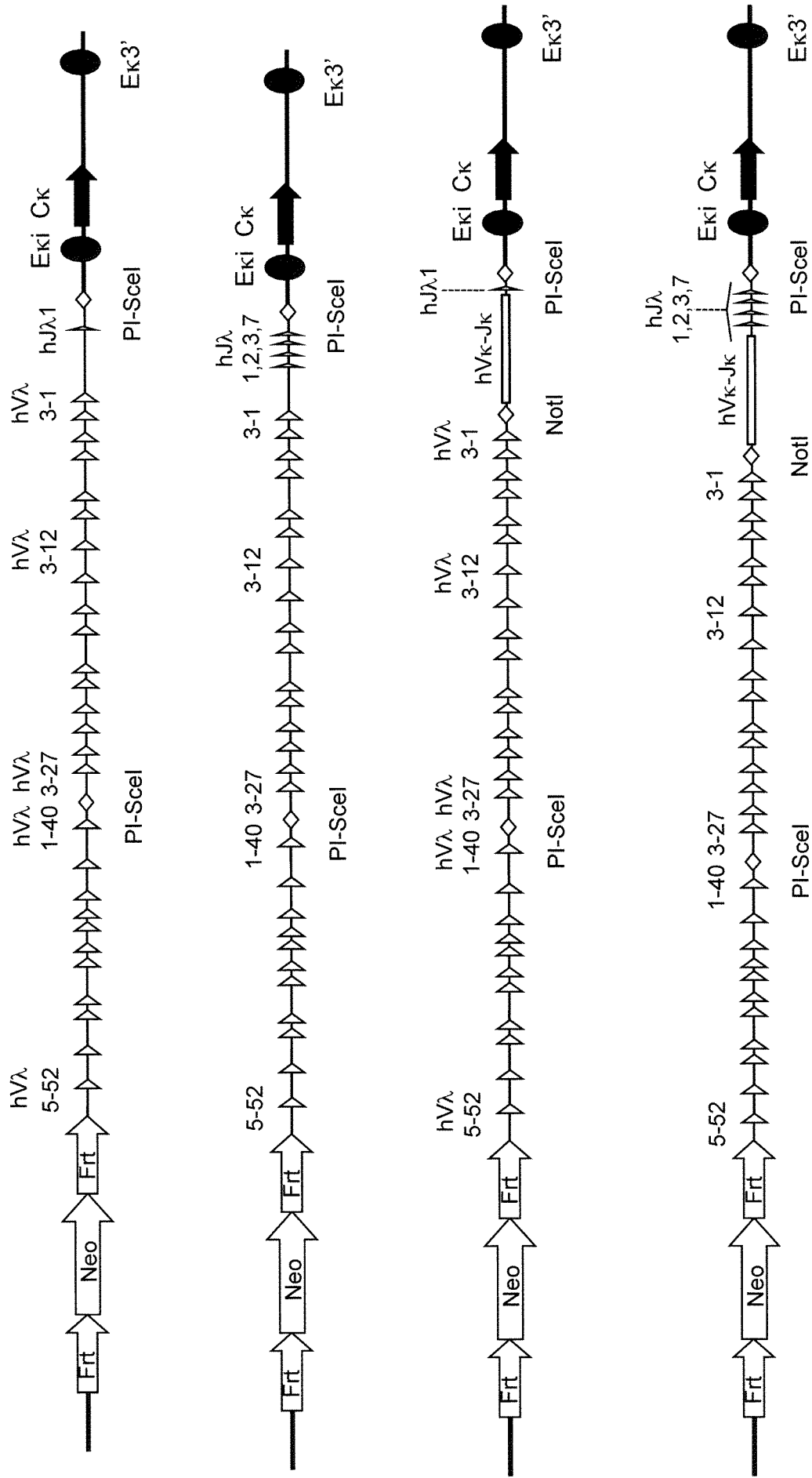


FIG. 7B

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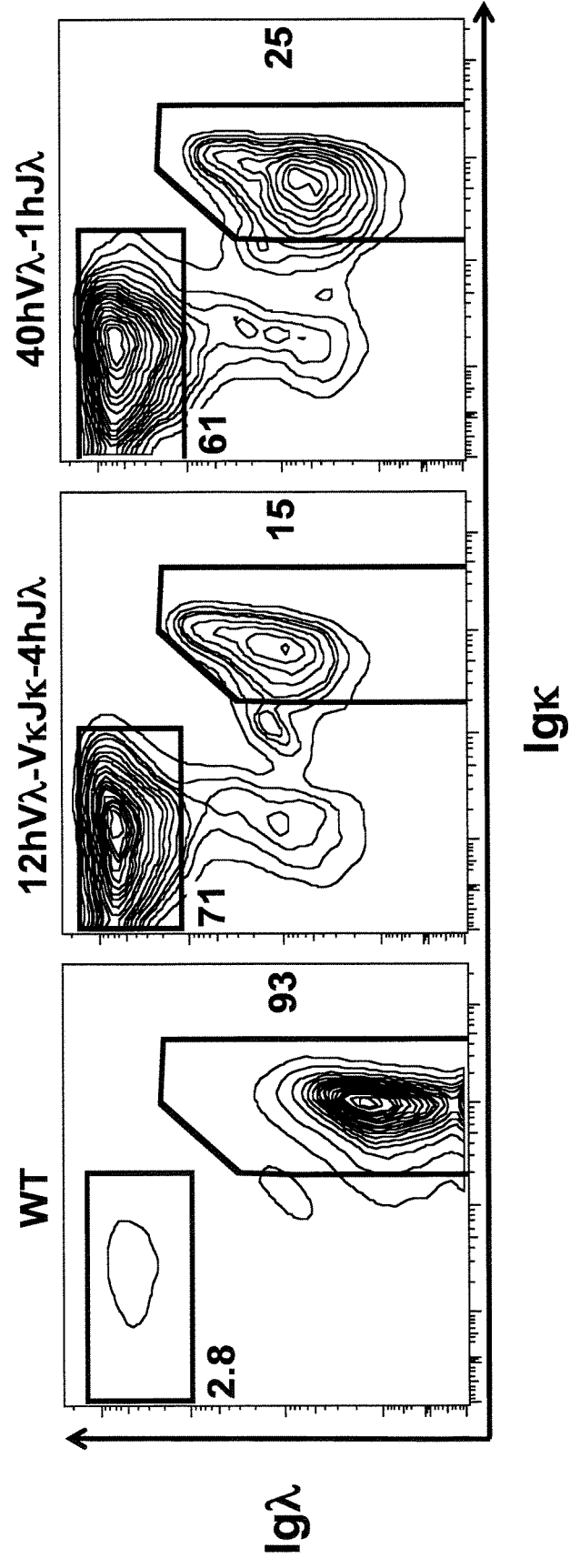


FIG. 8A

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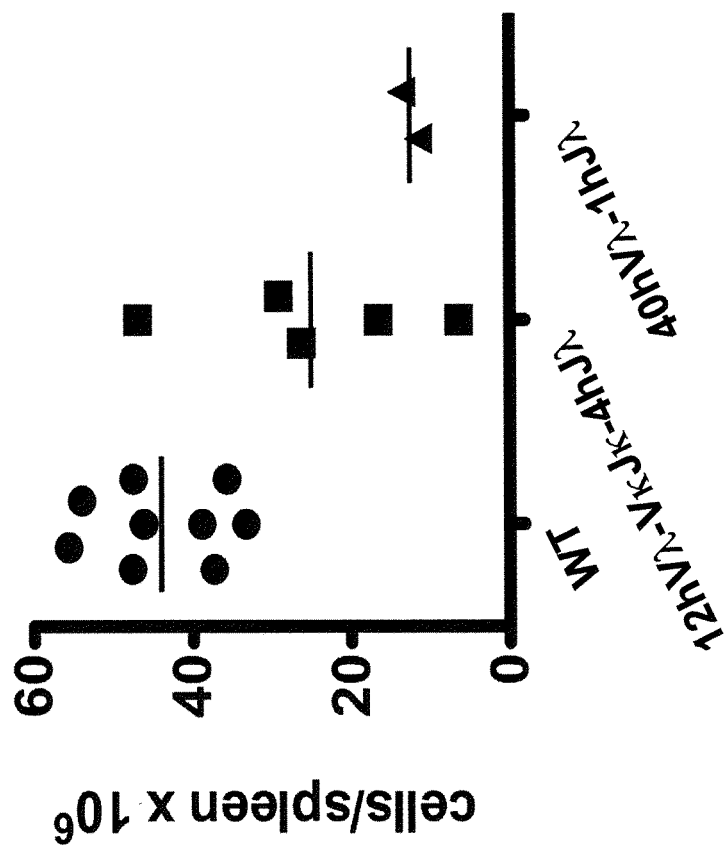


FIG. 8B

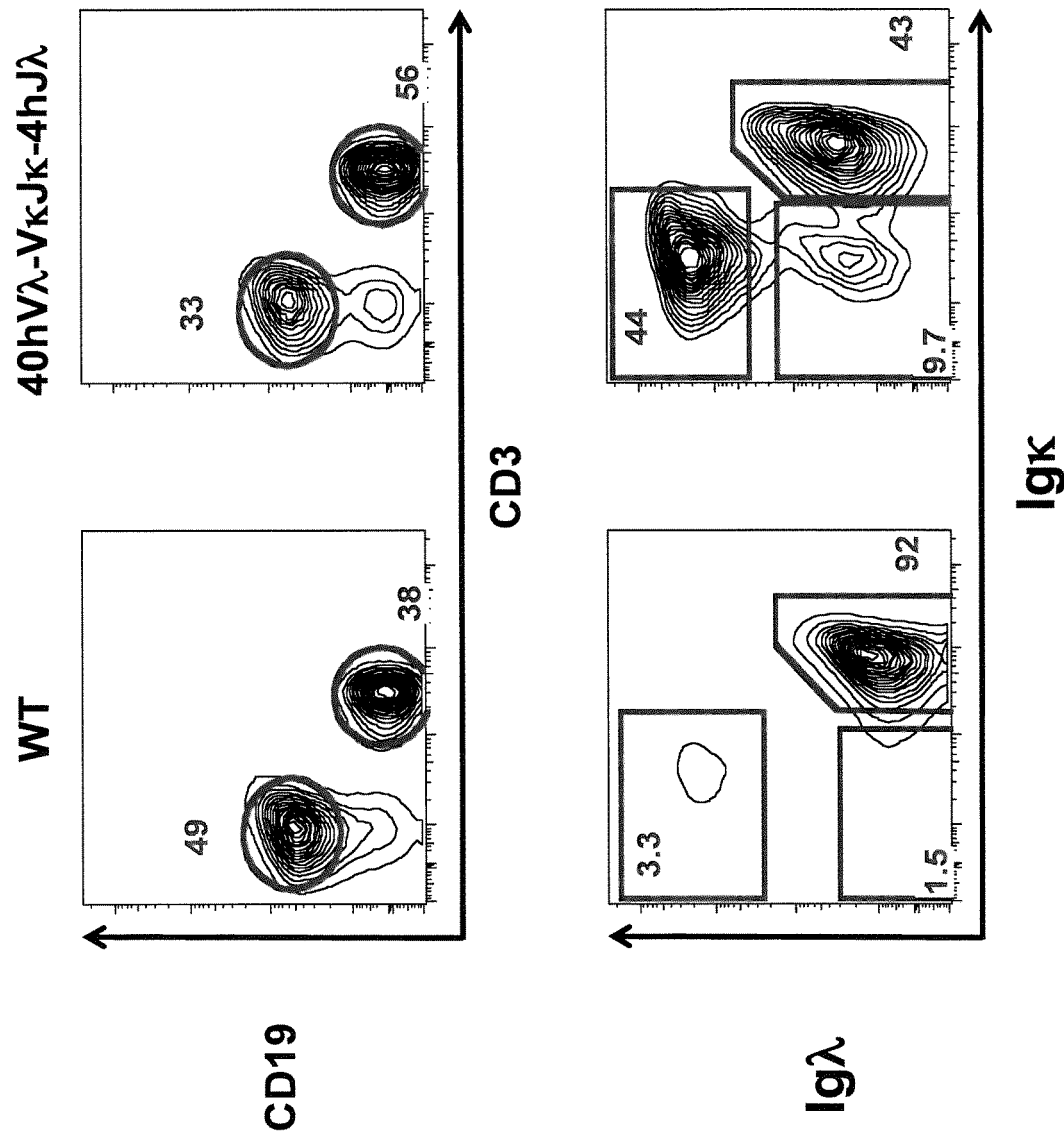


FIG. 9A

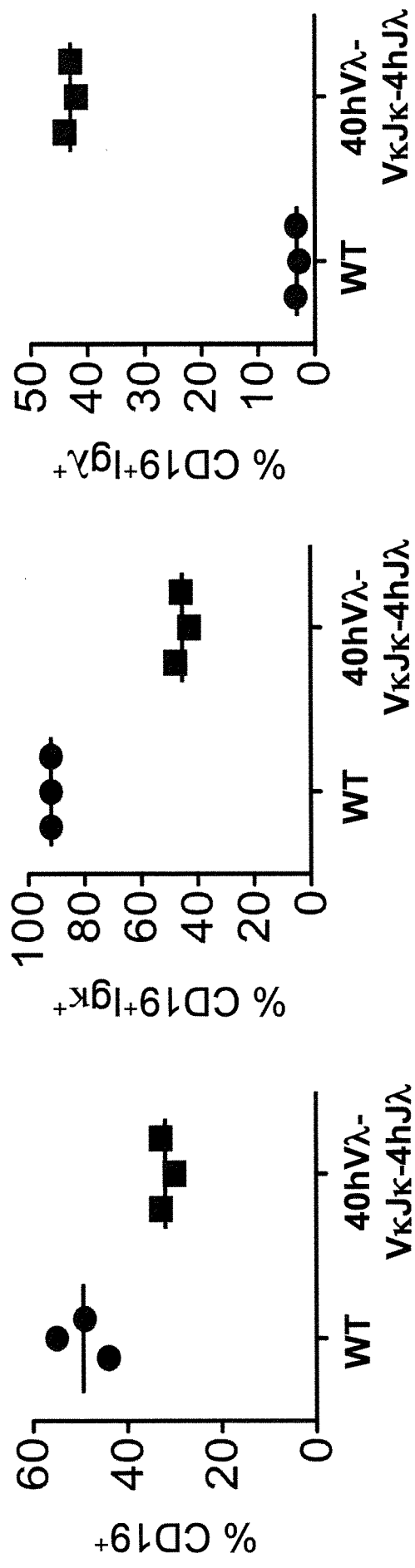


FIG. 9B

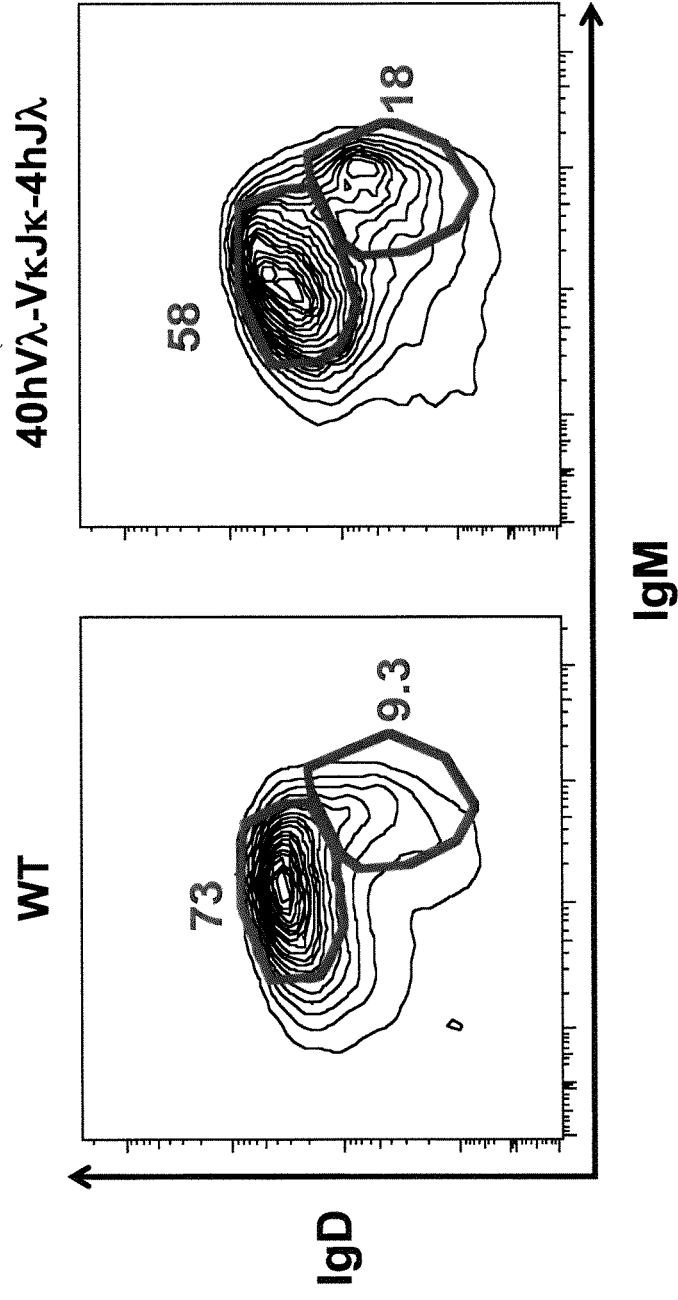


FIG. 9C

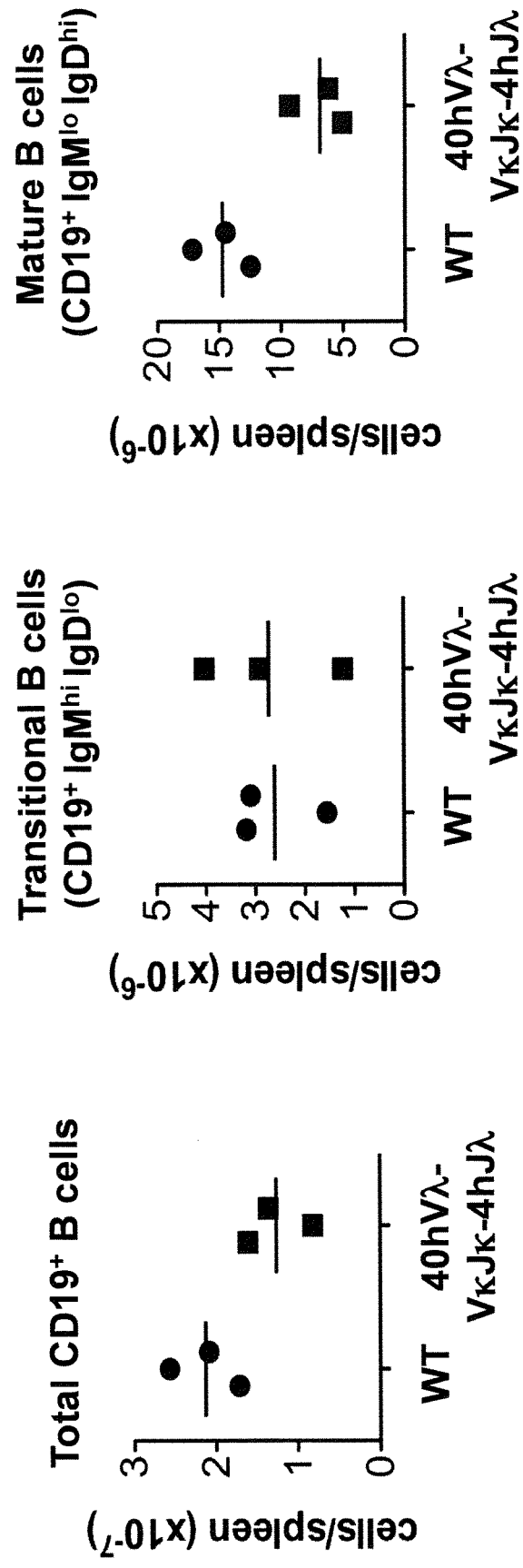


FIG. 9D

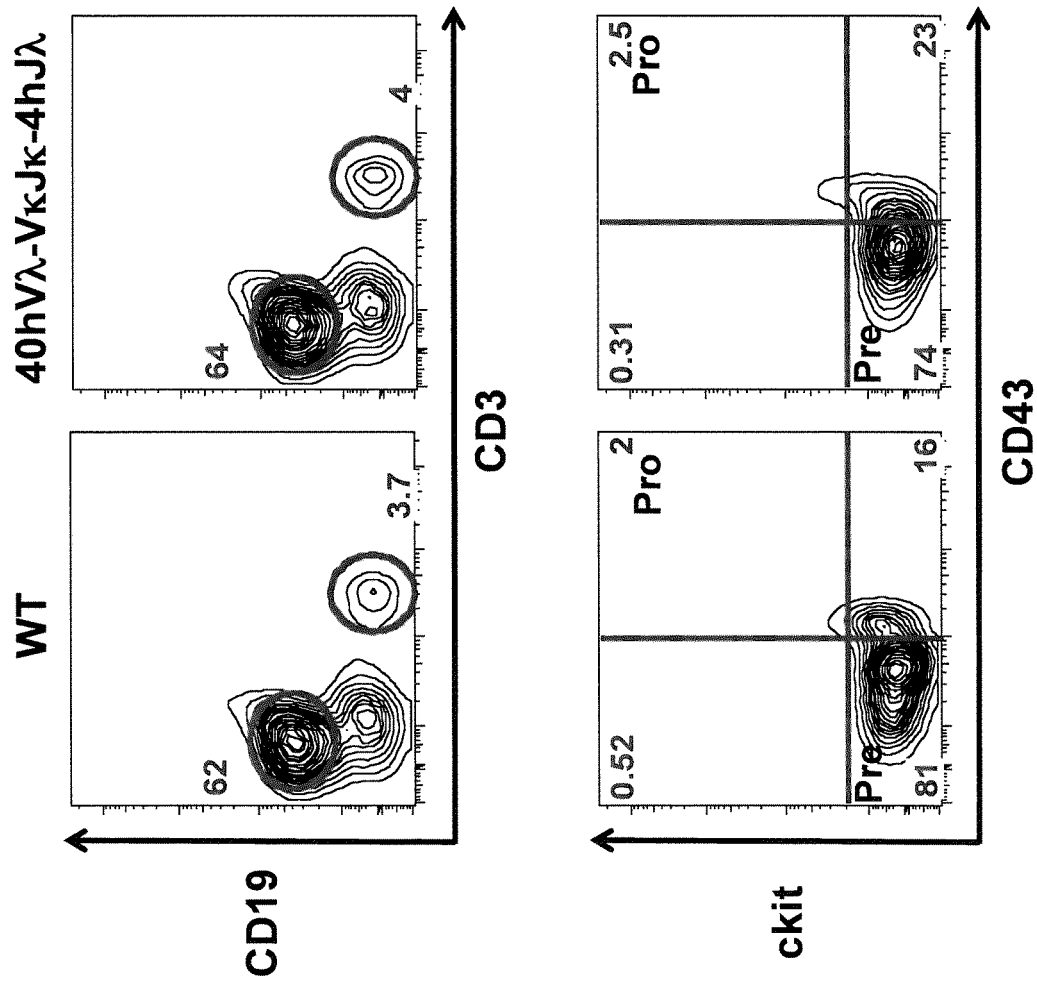


FIG. 10A

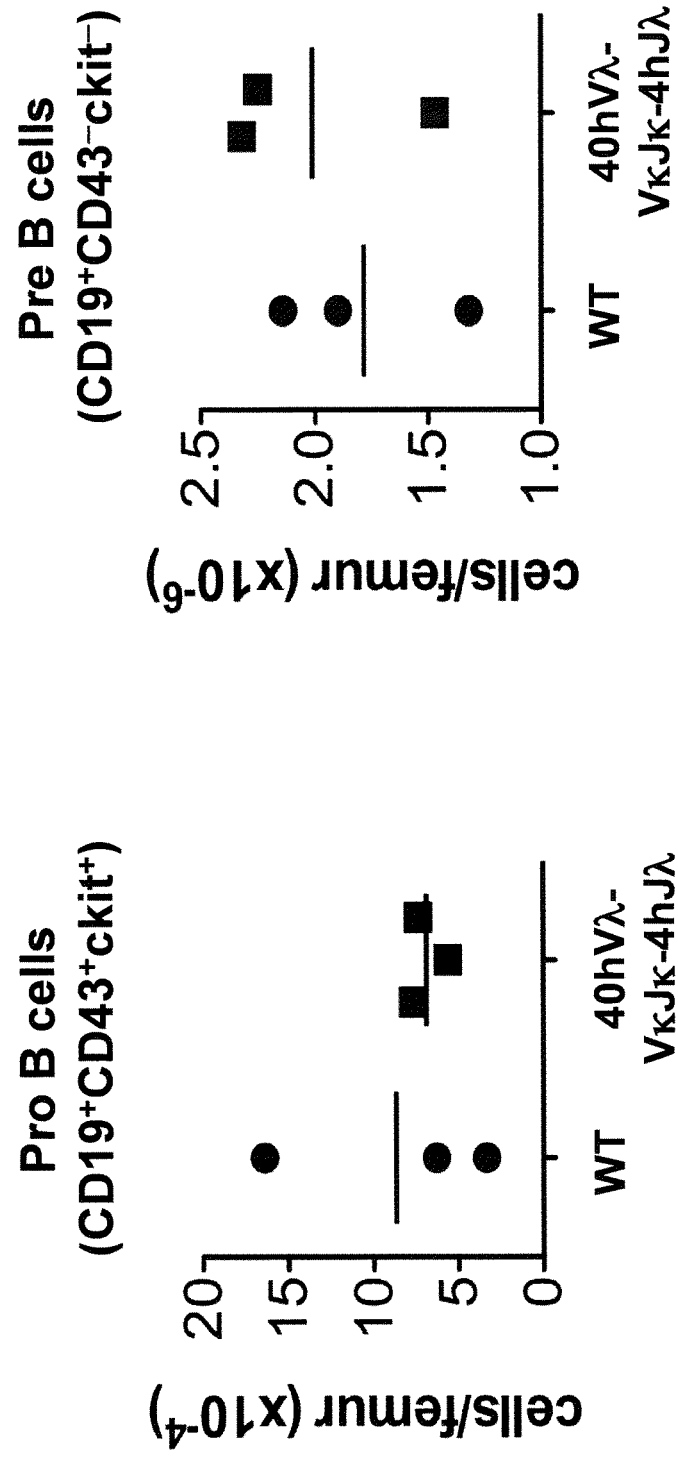


FIG. 10B

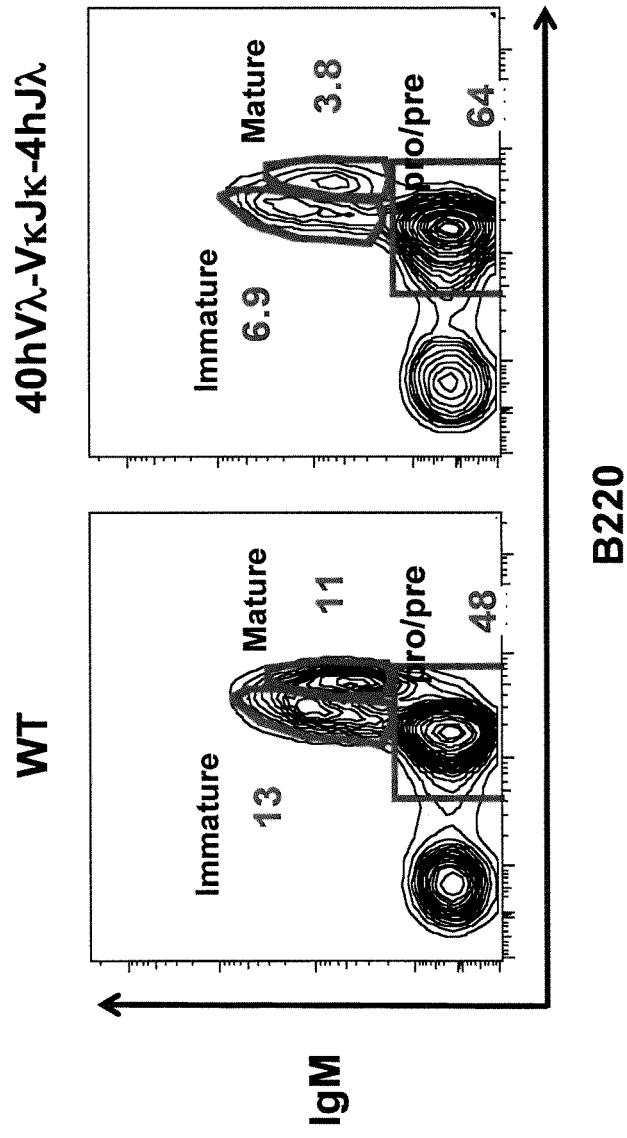


FIG. 10C

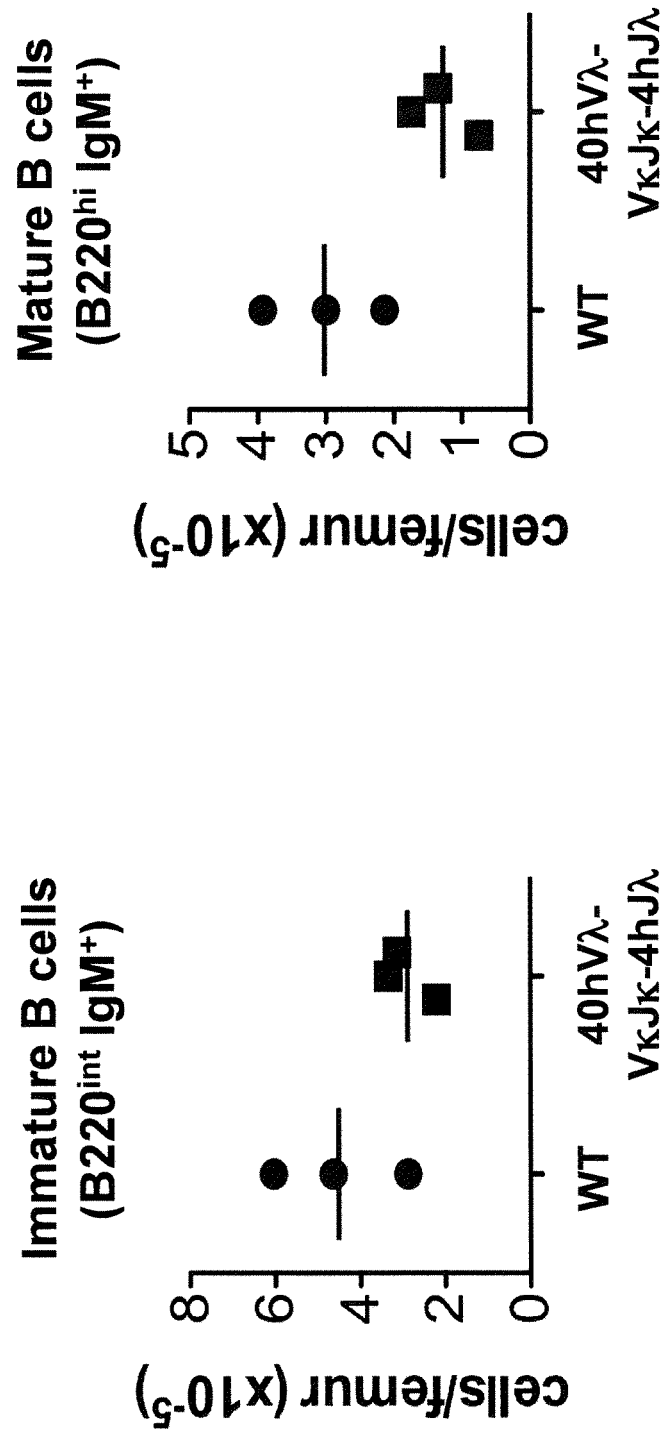


FIG. 10D

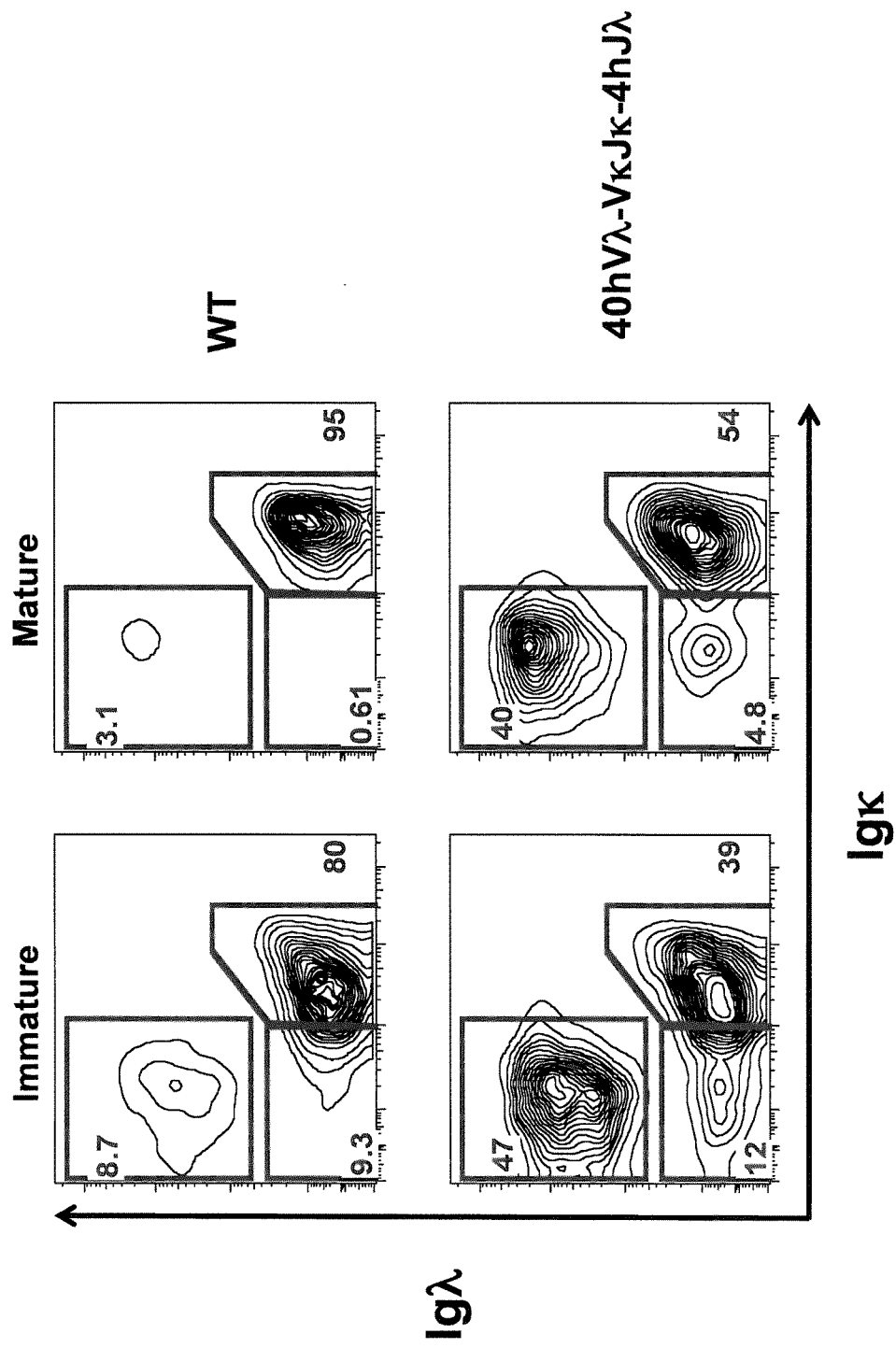


FIG. 10E

3' Human Vλ	Human Jλ1	5' Mouse Cκ
A6	GCAACAAATT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
B6	GCAACAAATT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
F6	GCAACAAATT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
B7	GCAACAAATT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
E7	GCAACAAAT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
F7	GCAACAAATT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
C8	GCAACAAATTT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
E12	CAAGTCGGTT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
1-4	TGAGTGCT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
1-20	TGAGTGCg	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
3B43	CTGAATGGT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
5-8	AGTGGTAAT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
5-19	AGTGGTGCT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
1010	AGCAGCACT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
11A1	AGCAGCGCT	GGGCTGATGCTGCACCAAACTGTATCCATCTTC
7A8	GGTGGTGCT	GGGCTGATGCTGCACCAAACTGTATCC
3A3	AGTAGCACT	GGGCTGATGCTGCACCAAACTGTATCCATC
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	ATGTCCTTCGGAAC TGGACCAAGGTCAACCGTCCTAG	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	CTACTATGGTGGTGCTC	GGGTGTTTCGGCGGAGGGACCAAGCTGACCGTCCTAG	GGGCTGATGCTGCACCAACTGTATCCATC
5-4	CTCCTATAGTGGTGCTCGa	GTATTTCGGCGGAGGGACCAAGCTGACCGTCCTAG	GGGCTGATGCTGCACCAACTGTATCCATC
2-3	GAGCAACTTCGTGT	CTGTGTTTCGGAGGAGGCACCCAGCTGACCGCCCTCG	GGGCTGATGCTGCACCAACTGTATCCATC
FWR4		F G G G T K L 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	GCAGGCAACAATTa	aGTC TTCGGAAC TGGGACCAAGGTCACCGTCCTAG	GTCAGCCCCAAGTCCACTCCCAC TCTC
2D9	GACAGCAGTGGTAATCAT	TATGTC TTCGGAAC TGGGACCAAGGTCACCGTCCTAG	GTCAGCCCCAAGTCCACTCCCAC TCTC
3E15	GACAGCAGCACTGCC	GTC TTCGGAAC TGGGACCAAGGTCACCGTCCTAG	GTCAGCCCCAAGTCCACTCCCAC TCTC
FWR4		F G T G T K V T V L G Q P K S T P T L	

FIG. 13