

FIG. 1A

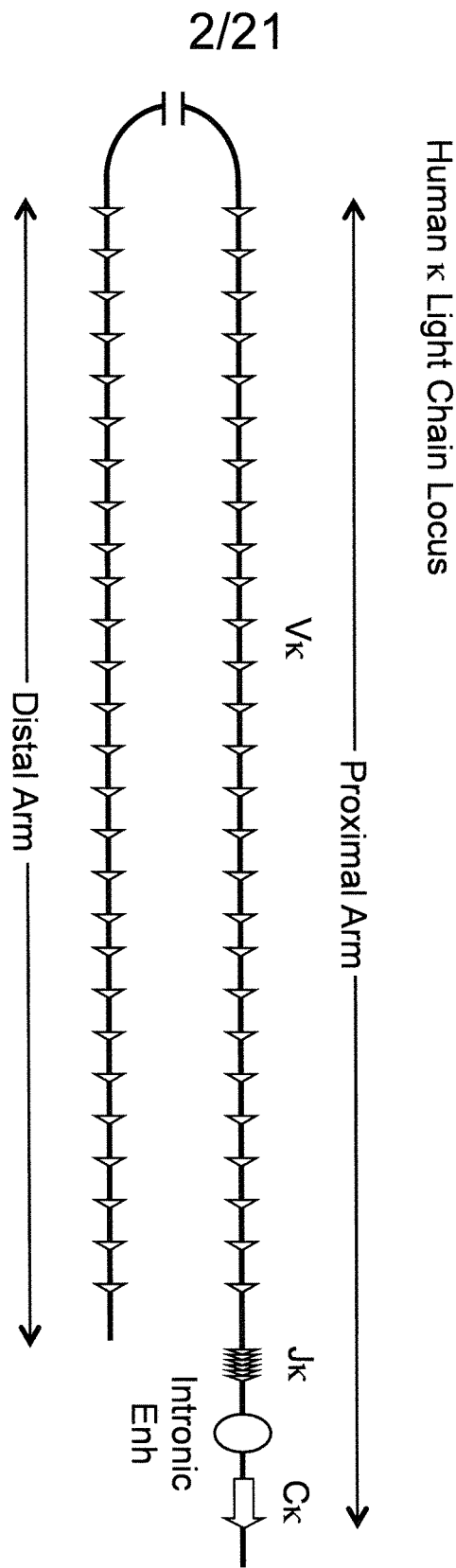


FIG. 1B

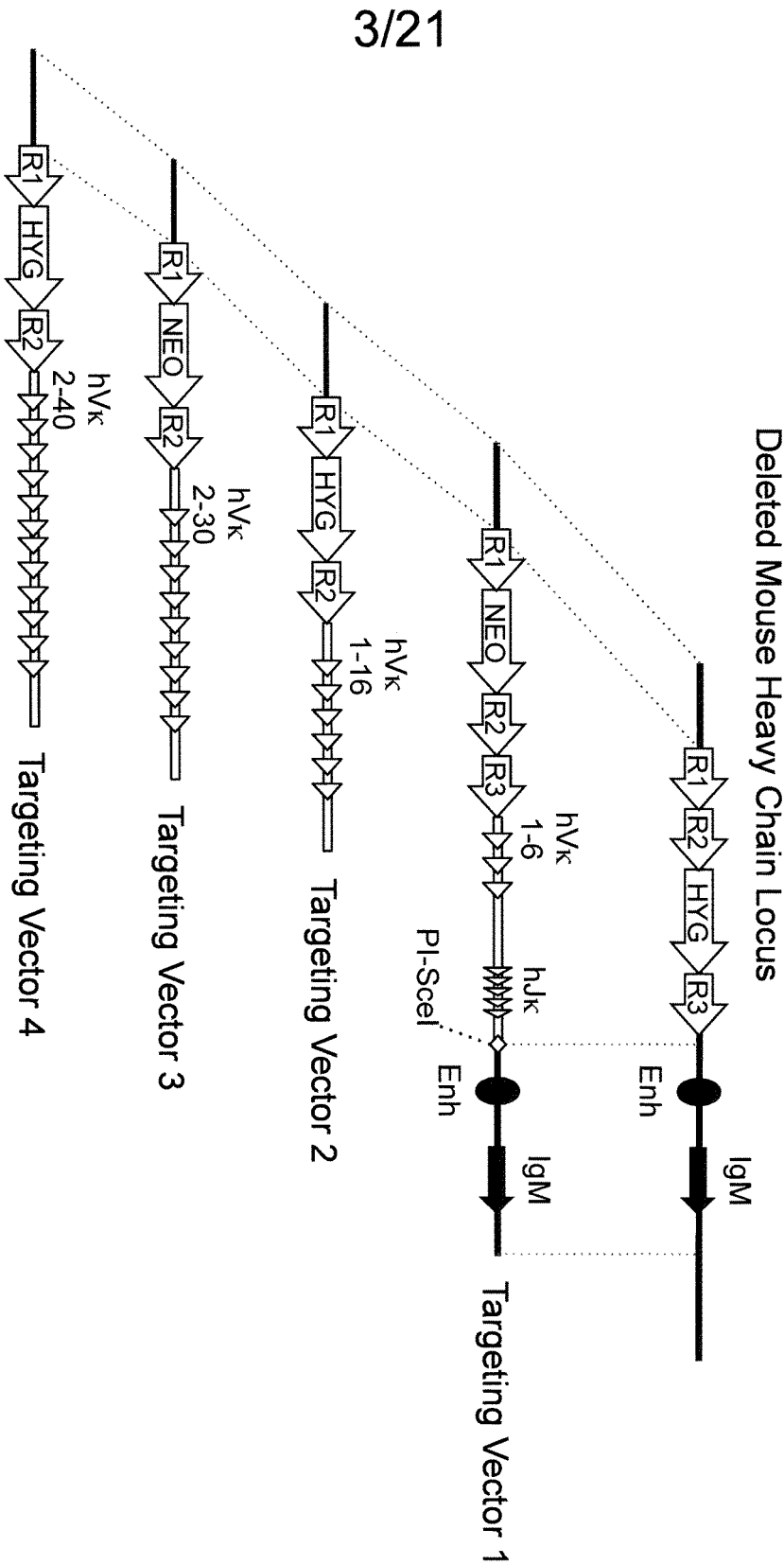


FIG. 2

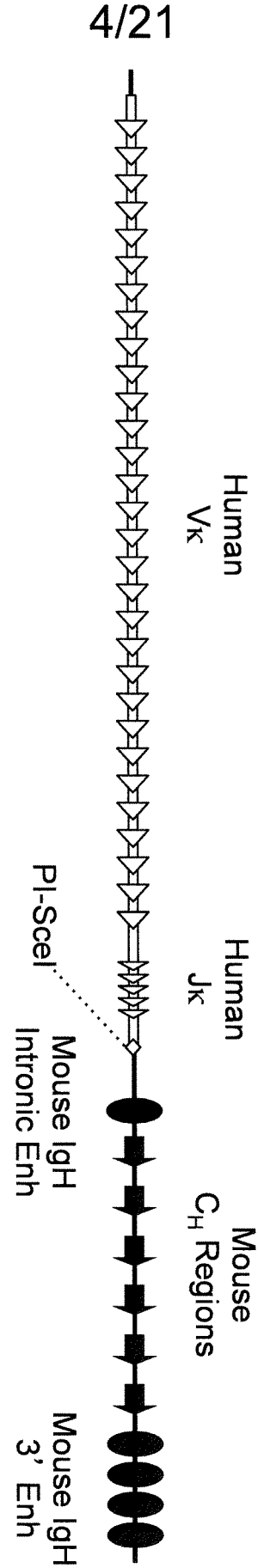


FIG. 3

5/21

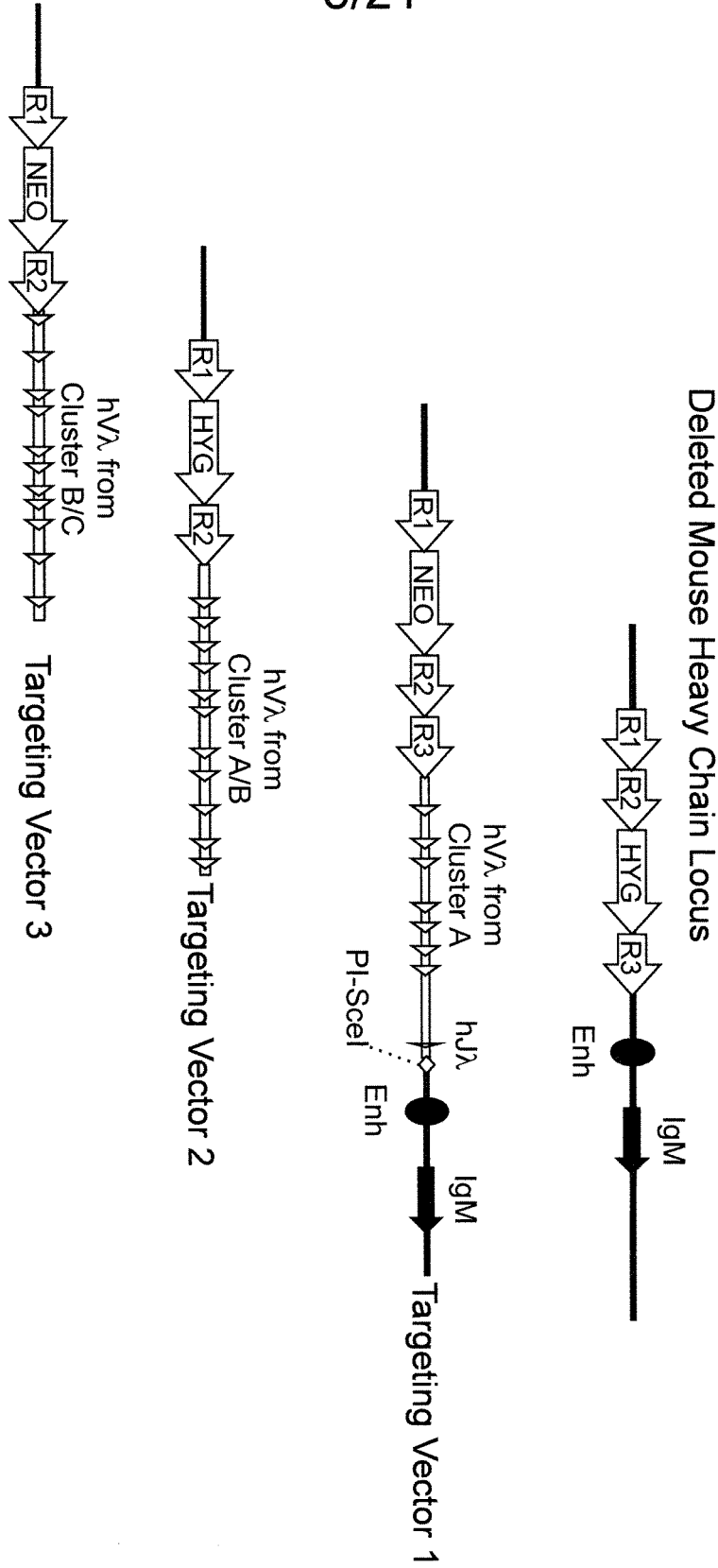


FIG. 4A

6/21

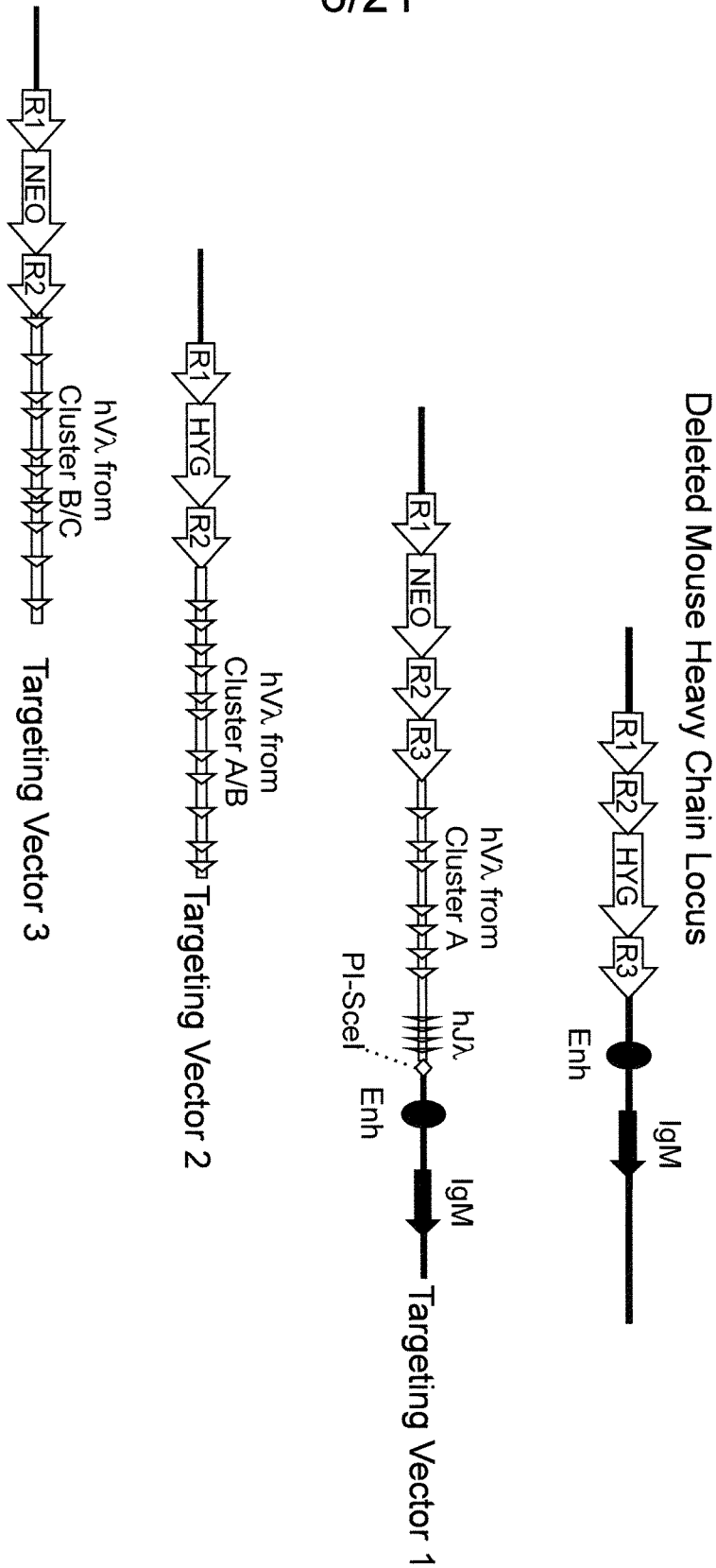


FIG. 4B

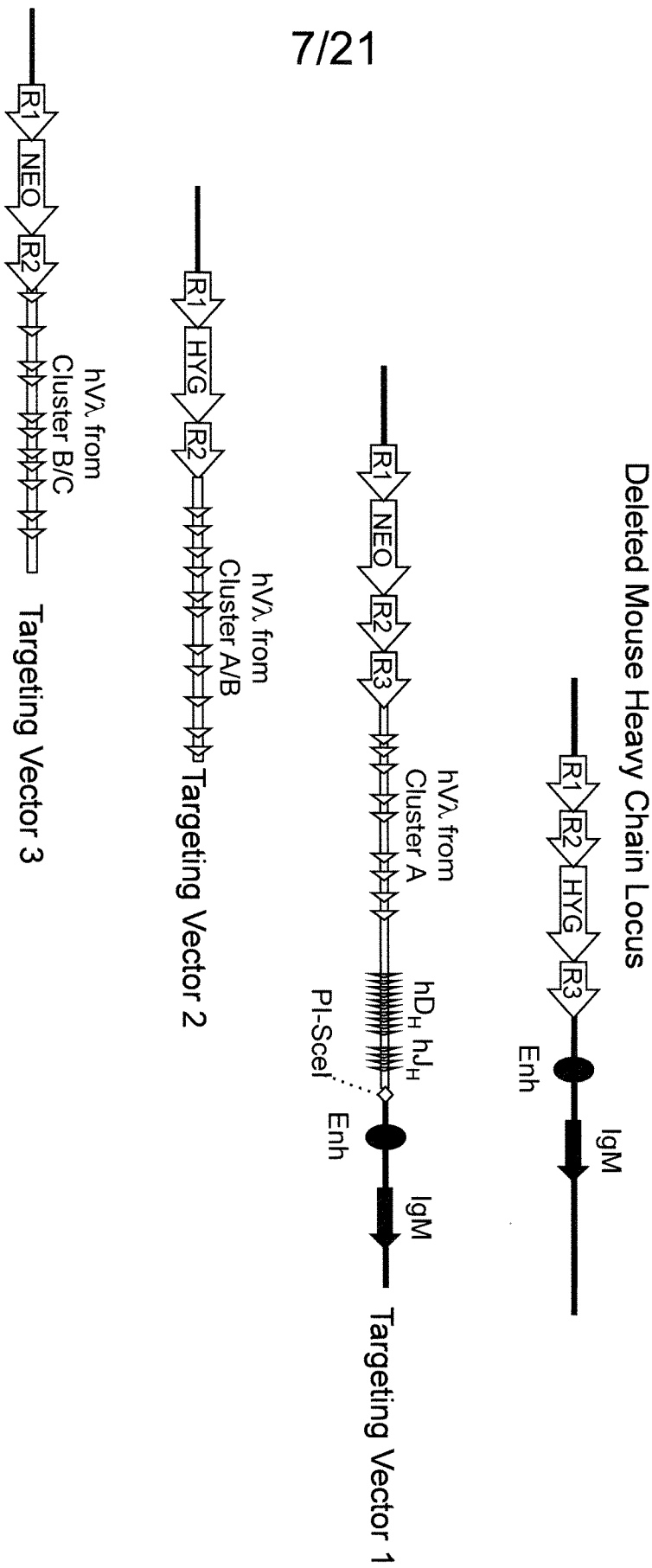


FIG. 5A

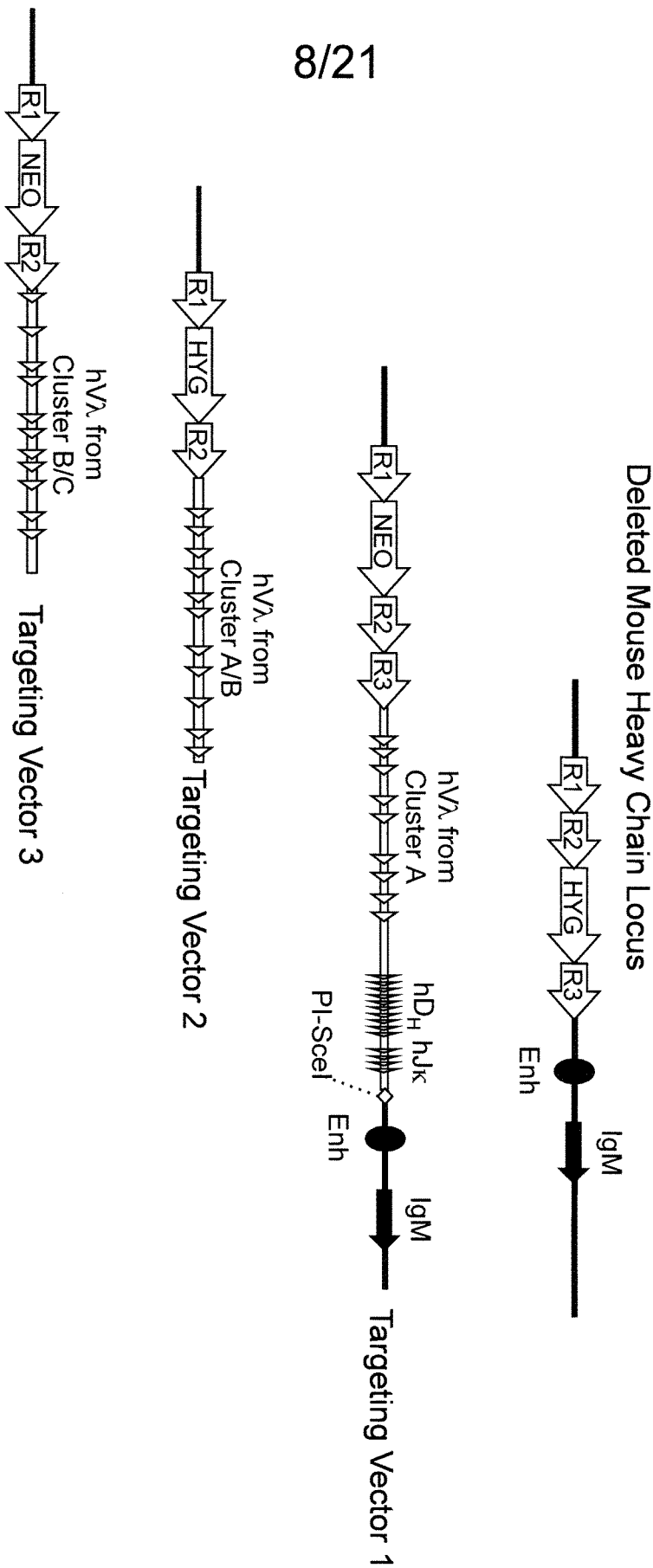


FIG. 5B

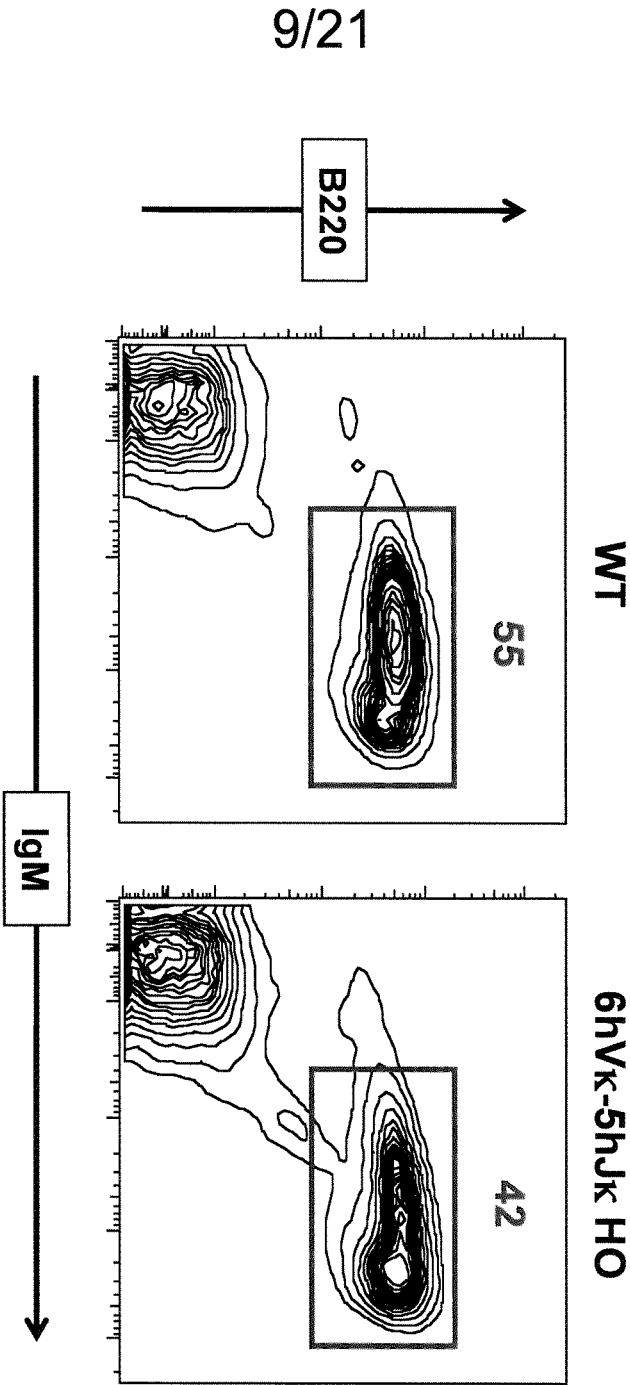


FIG. 6A

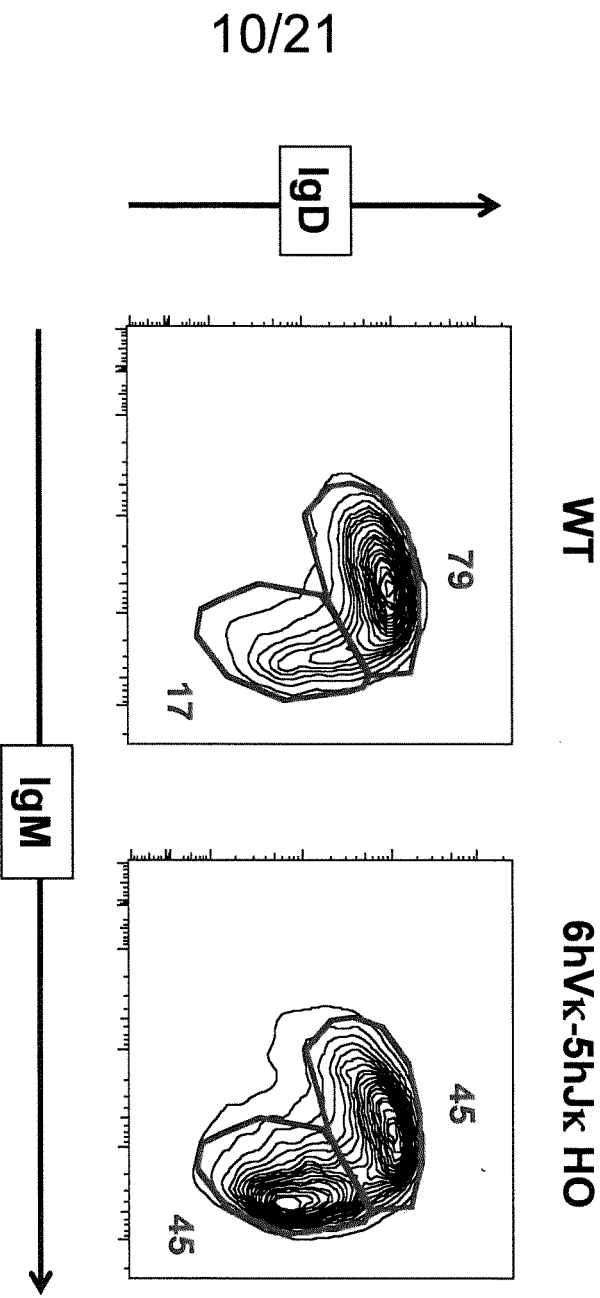


FIG. 6B

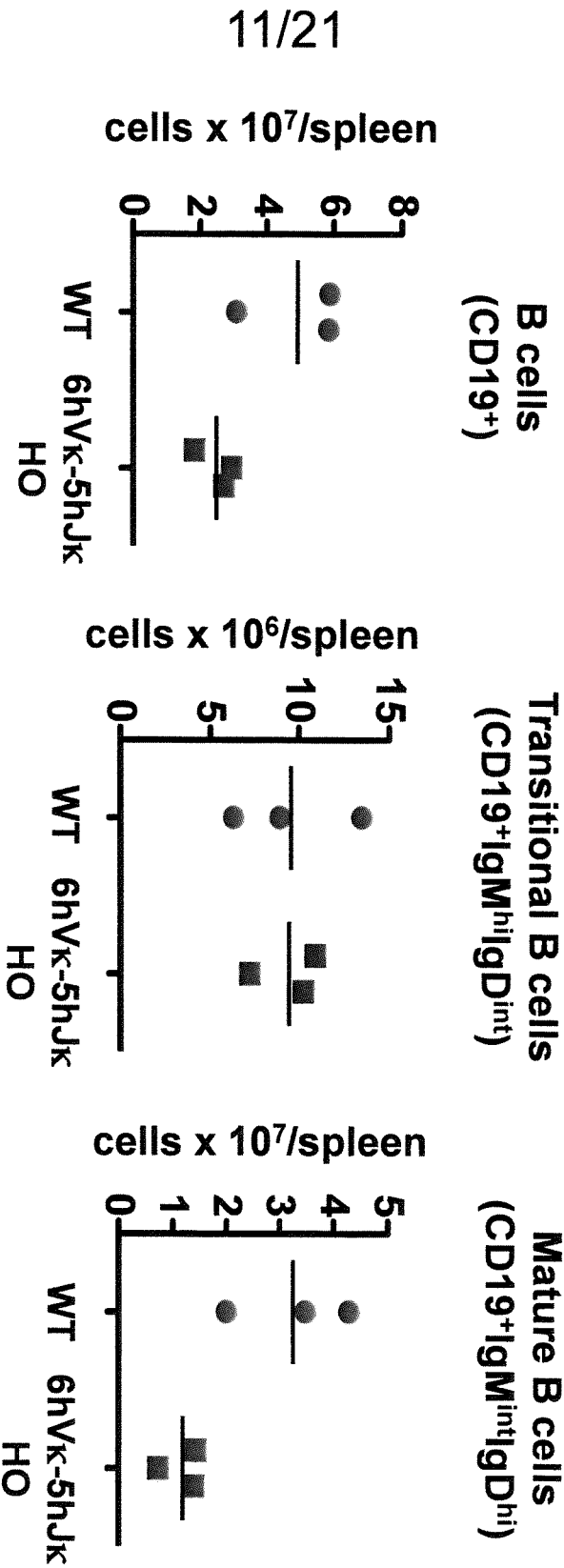


FIG. 6C

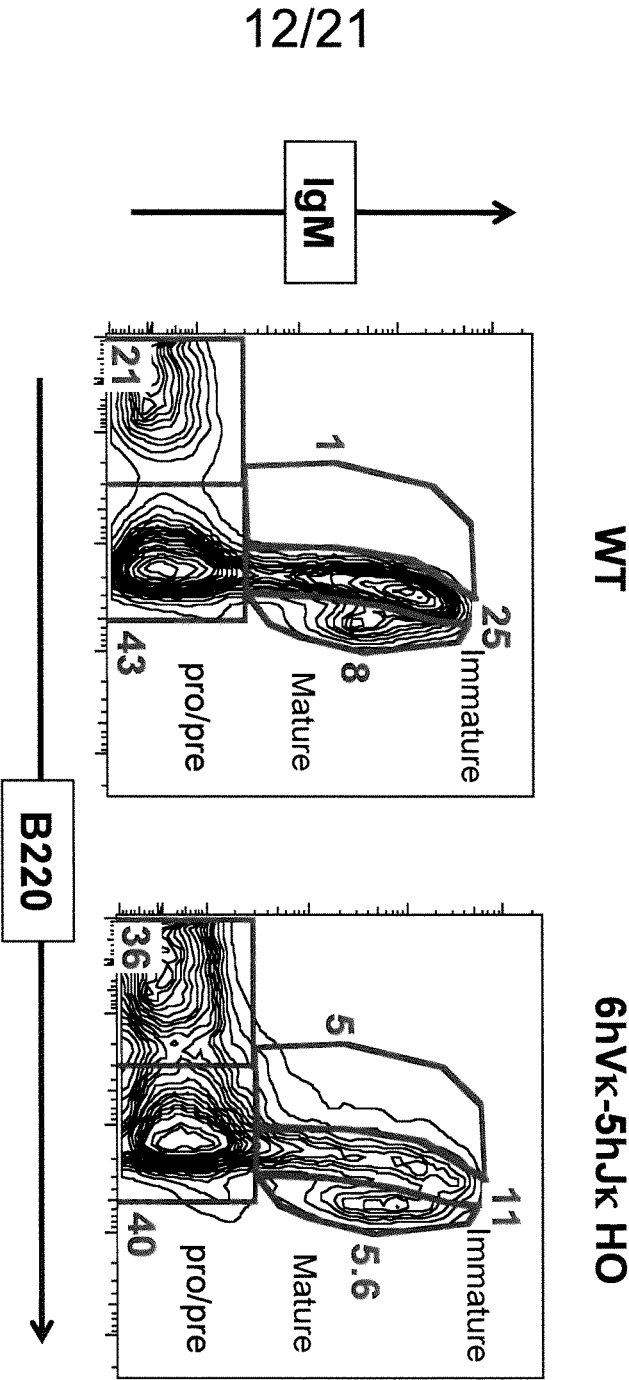


FIG. 7A

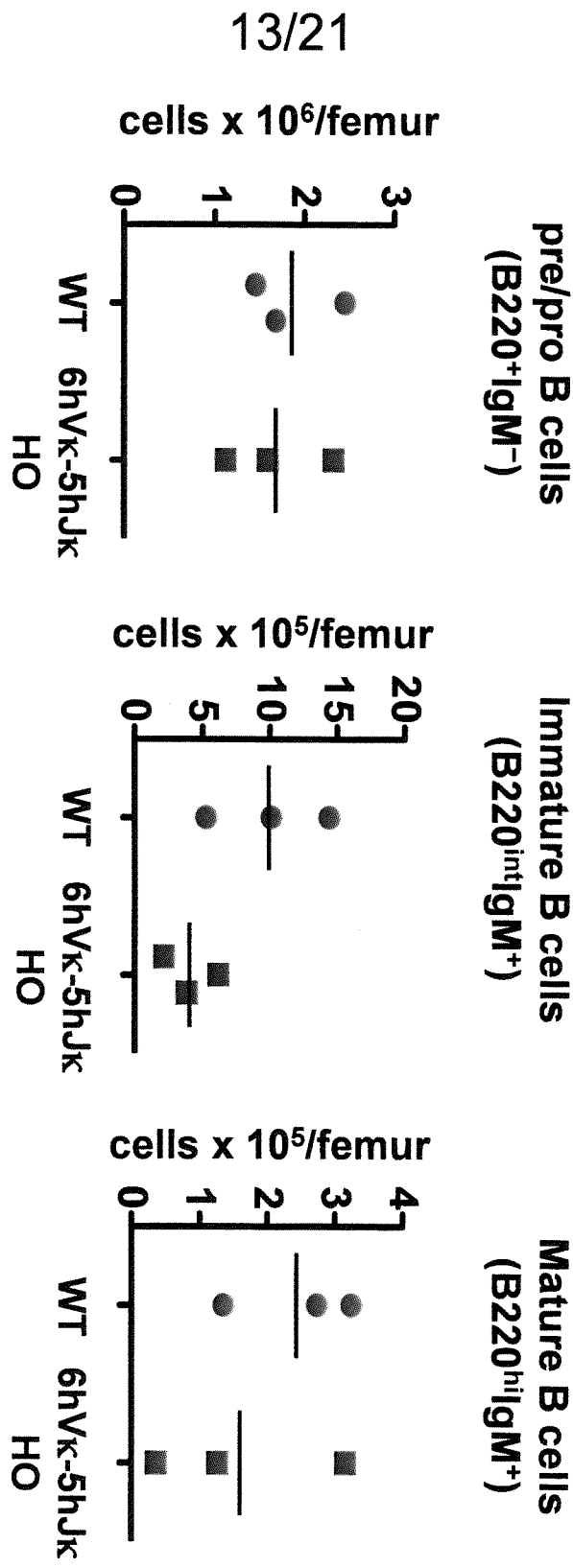


FIG. 7B

14/21

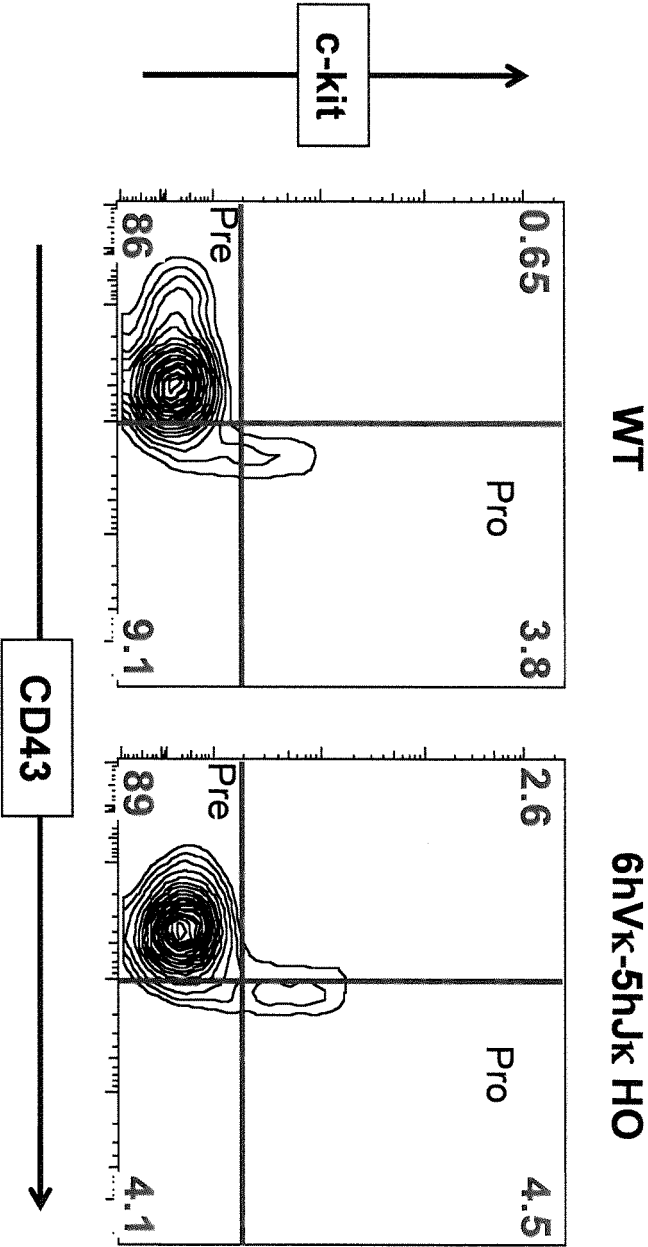


FIG. 7C

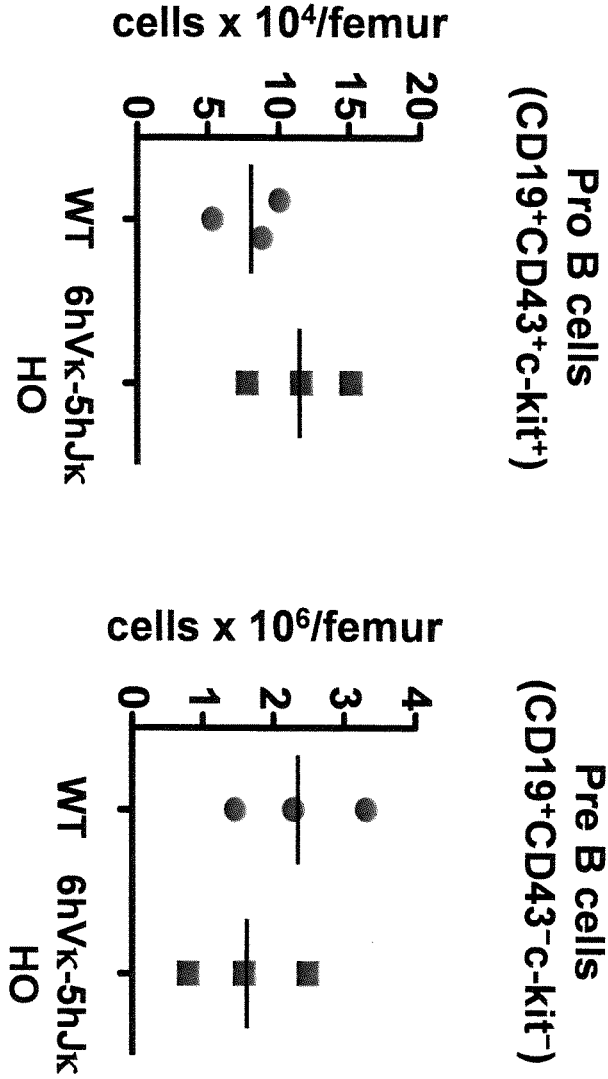
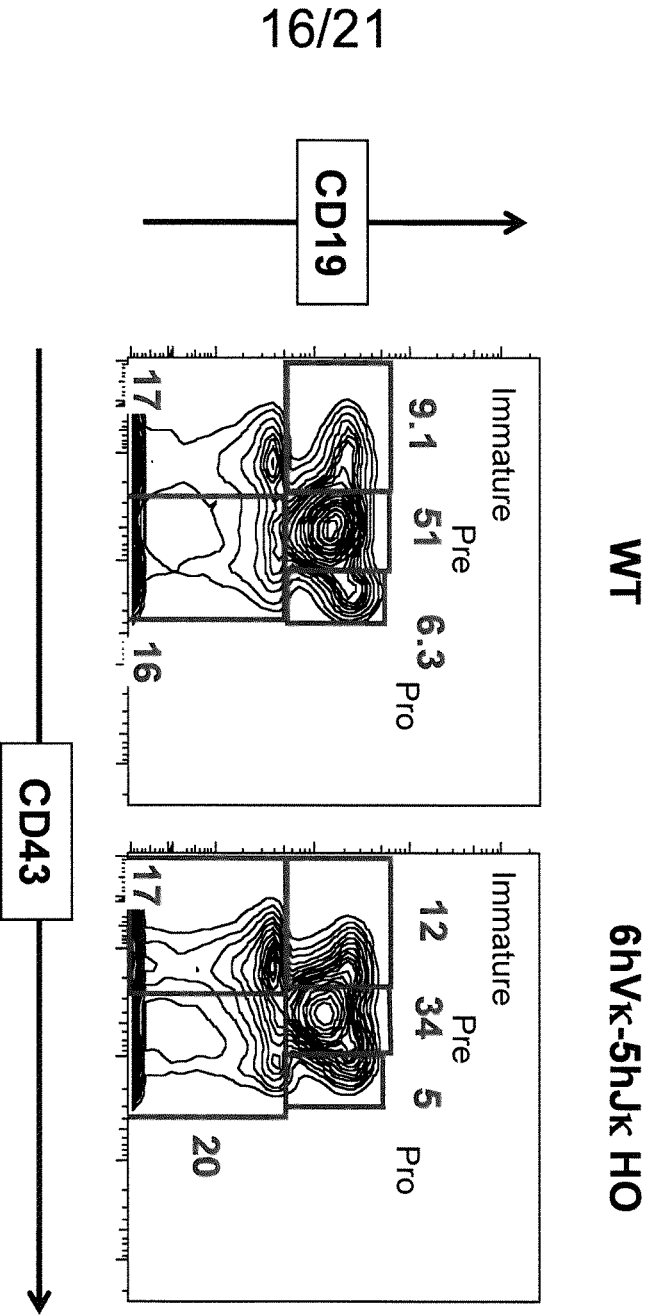


FIG. 7D



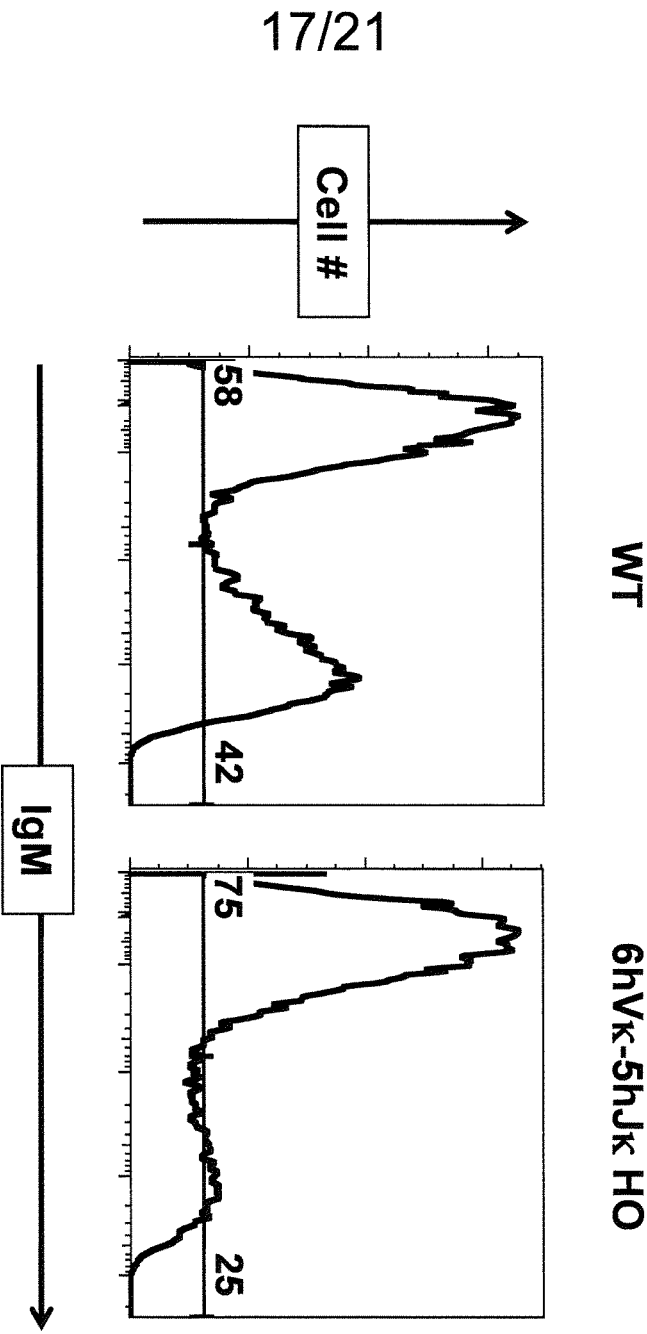


FIG. 7F

18/21

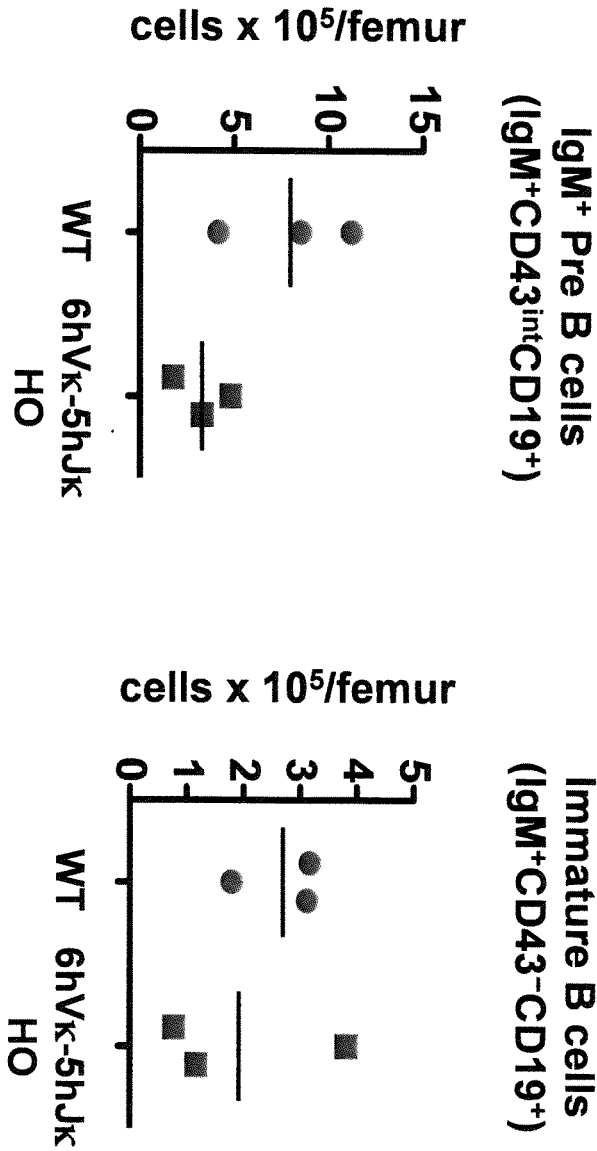


FIG. 7G

19/21

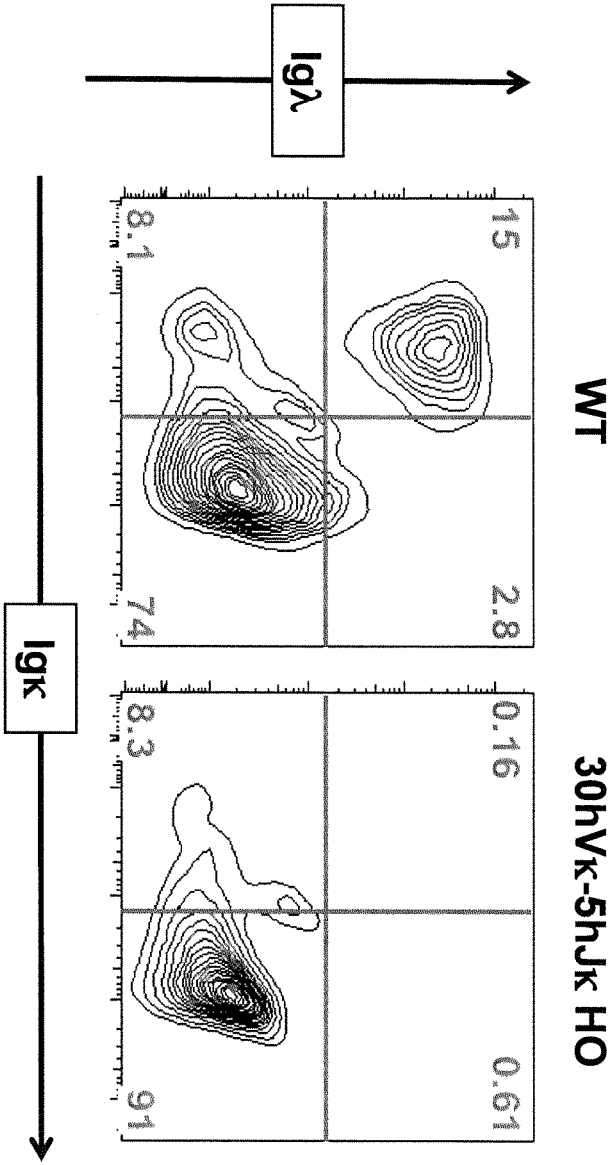


FIG. 8A

20/21

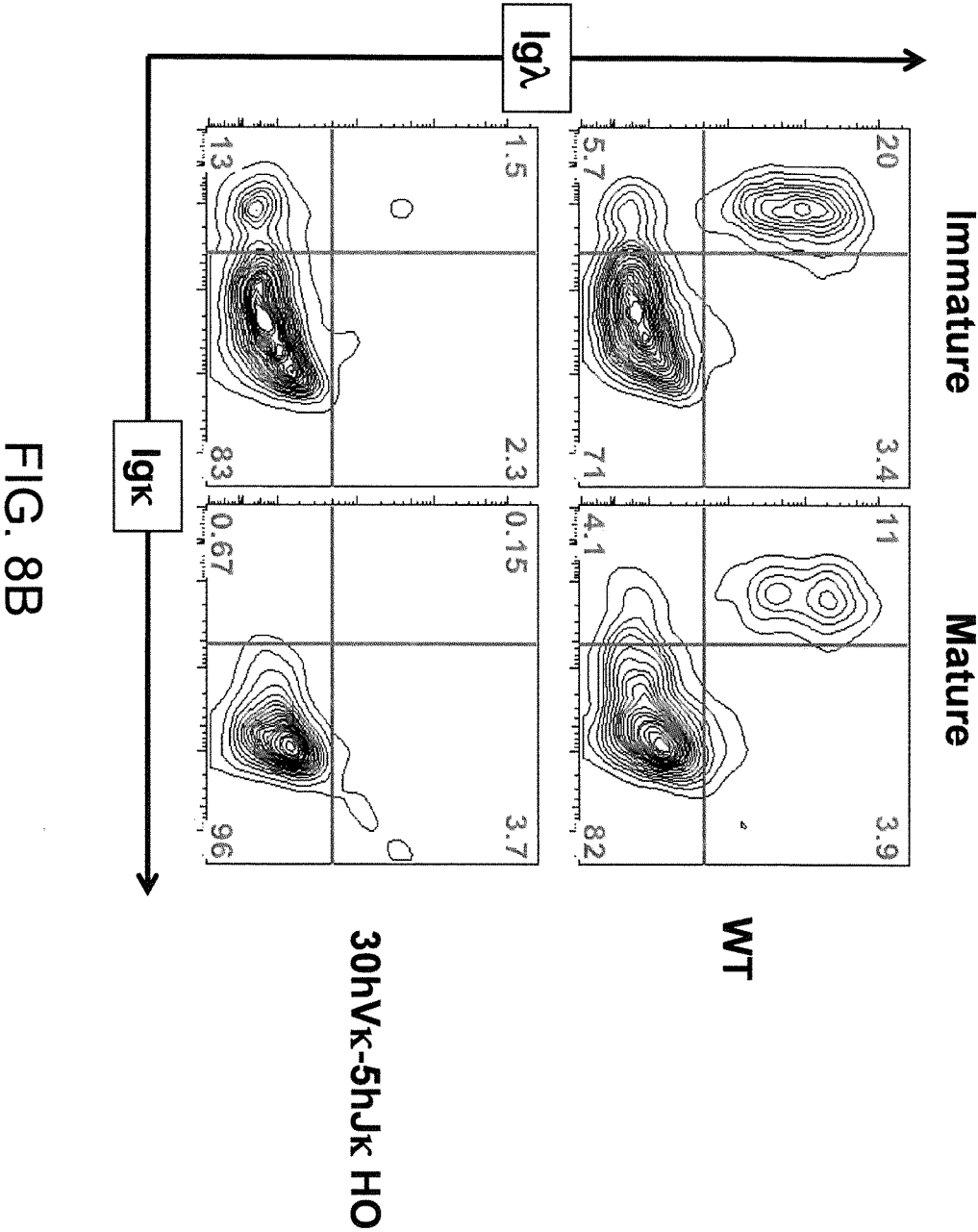


FIG. 8B

Rearranged Human Vk-Jk

Mouse IgG1

2E TGTCAACAGGCTAACAGTTTCCCGTACACTTTTGCCAGGGGACCAAGCTGGAGATCAAAC.CCAAAACGACACCCCCATCTGTCTATCCA
2H TGCATGCAAGCTCTACAAA+ttcGTGACGTTCCGCCAAGGACCAAGGTGGAATCAAAC.CCAAAACGACACCCCCATCTGTCTATCCA
3D TGTCAAGCAGCGTAGCCCCcgtt..TCACTTTCGGCGGAGGACCAAGGTGAGATCAAAC.CCAAAACGACACCCCCATCTGTCTATCCA
5D TGTCTACAACATGATTAATT.....GGACGTTCCGCCAAGGACCAAGGTGGAATCAAAC.CCAAAACGACACCCCCATCTGTCTATCCA

Rearranged Human Vk-Jk

Mouse IgG2A/2C

1E TGCCAACAGTATAATACC.....TCACTTTCGGCGGAGGACCAAGGTGAGATCAAAC.CCAAAACAACAGCCCCCATCGGTCTATC
1G TGTCAACAGCTTAATAGTTACCCCT+TCACTTTCGGCGGAGGACCAAGGTGAGATCAAAC.CCAAAACAACAGCCCCCATCGGTCTATC
1C TGTCAAAAGTATAACAGTGCCTCacACTTTCGGCGGAGGACCAAGGTGAGATCAAAC.CCAAAACAACAGCCCCCATCGGTCTATC
3A TGTCAAGCAGTATGTAAGCTCA..CTCACTTTCGGCGGAGGACCAAGGTGAGATCAAAC.CCAAAACAACAGCCCCCATCGGTCTATC
4B TGTCAAGCAATATTATAGTACTCCGATCACTTCGGCCAAAGGACACGACTGGAGATTAAAC.CCAAAACAACAGCCCCCATCGGTCTATC
5A TGTCTACAACATGATTAATTCCCGTACACTTTTGCCAGGGGACCAAGCTGAGATCAAAC.CCAAAACAACAGCCCCCATCGGTCTATC

Rearranged Human Vk-Jk

Mouse IgG3

1A TGCCAACAGTATAATAGTTACCCCTCCACCTTCGGCCAAAGGACACGACTGGAGATTAAAC.CTACAACAACAGCCCCCATCTGTCTATC
4C TGTCAAGCAATATTATAGTACTggtccCACTTTTGCCAGGGGACCAAGCTGAGATCAAAC.CTACAACAACAGCCCCCATCTGTCTATC

FIG. 9