

FIG. 1A

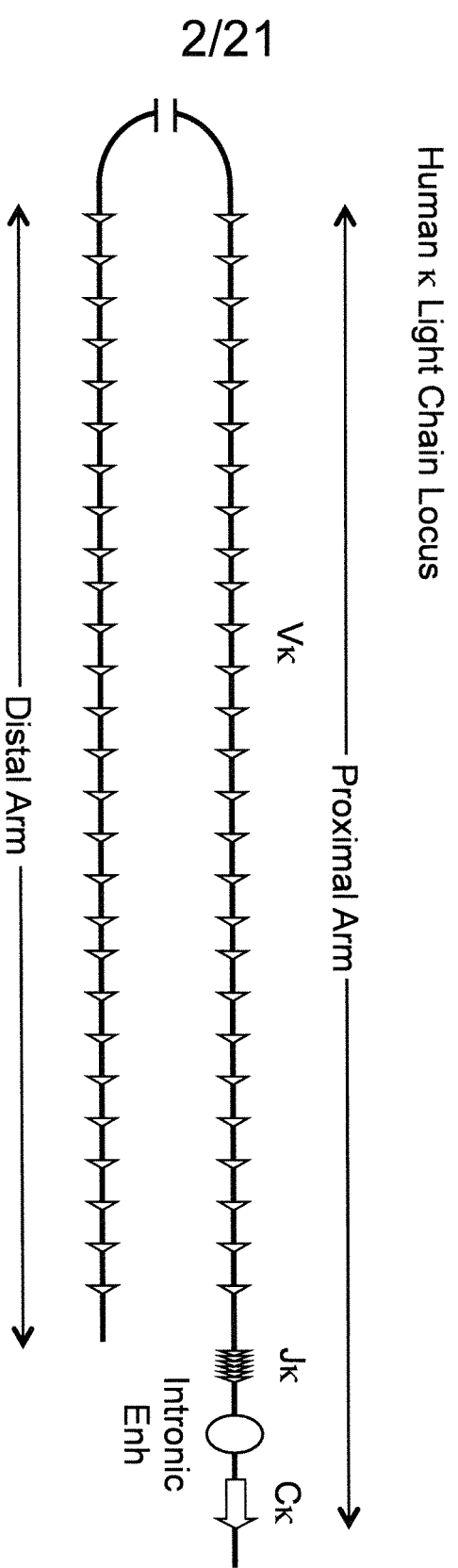


FIG. 1B

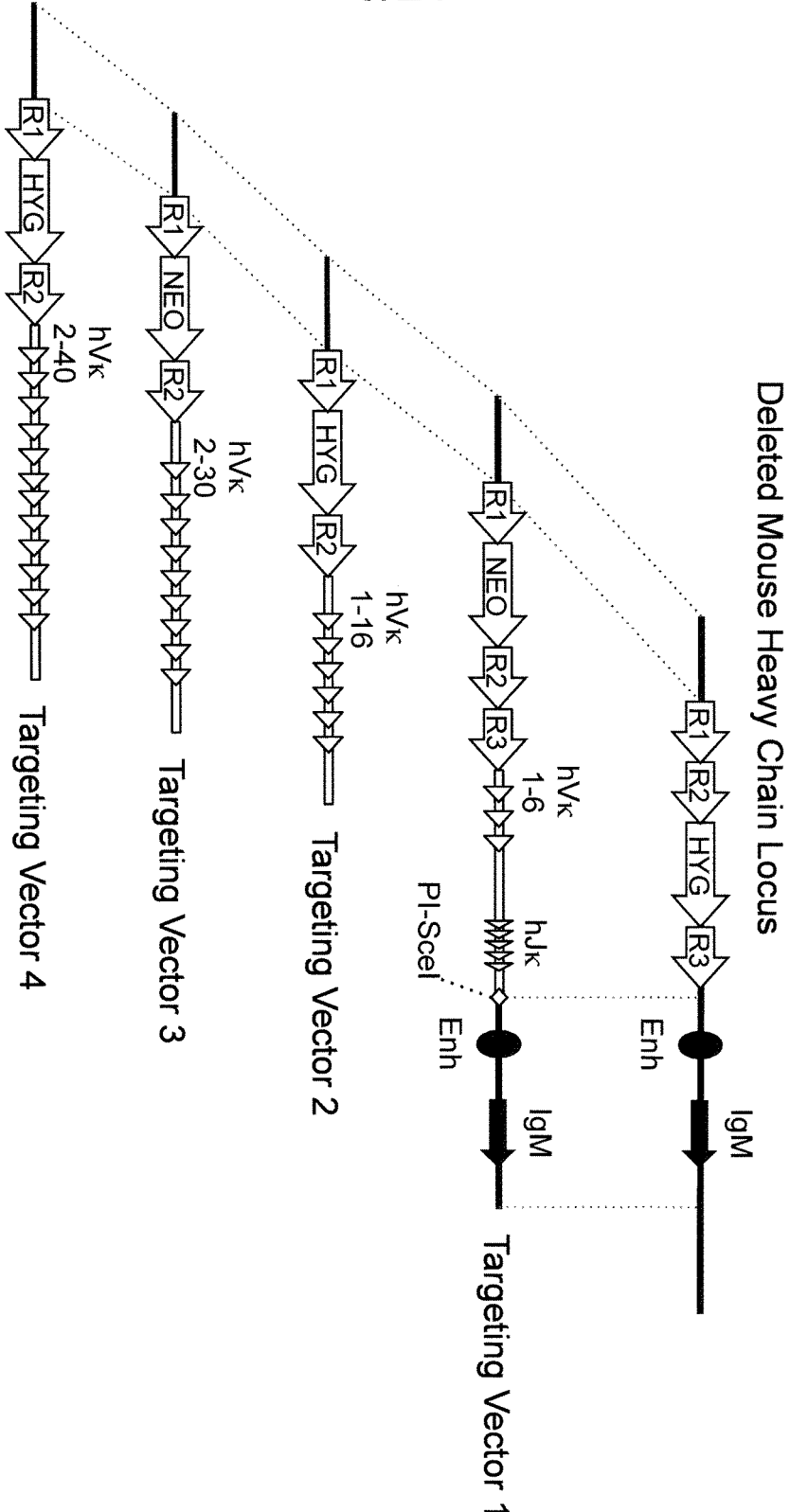


FIG. 2

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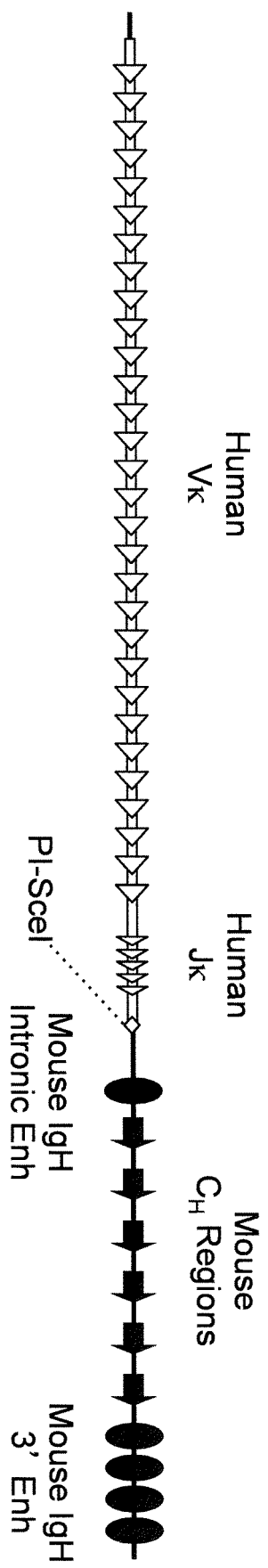


FIG. 3

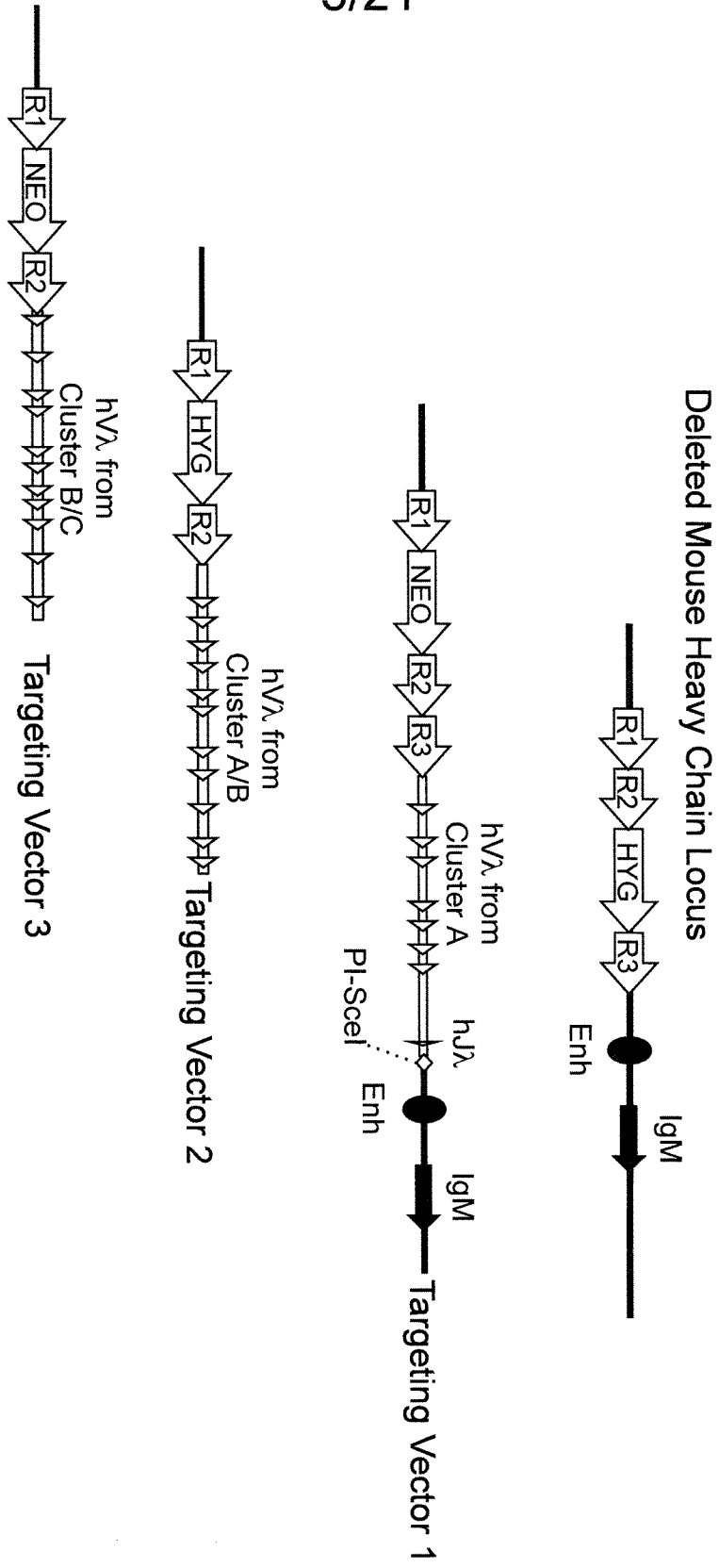


FIG. 4A

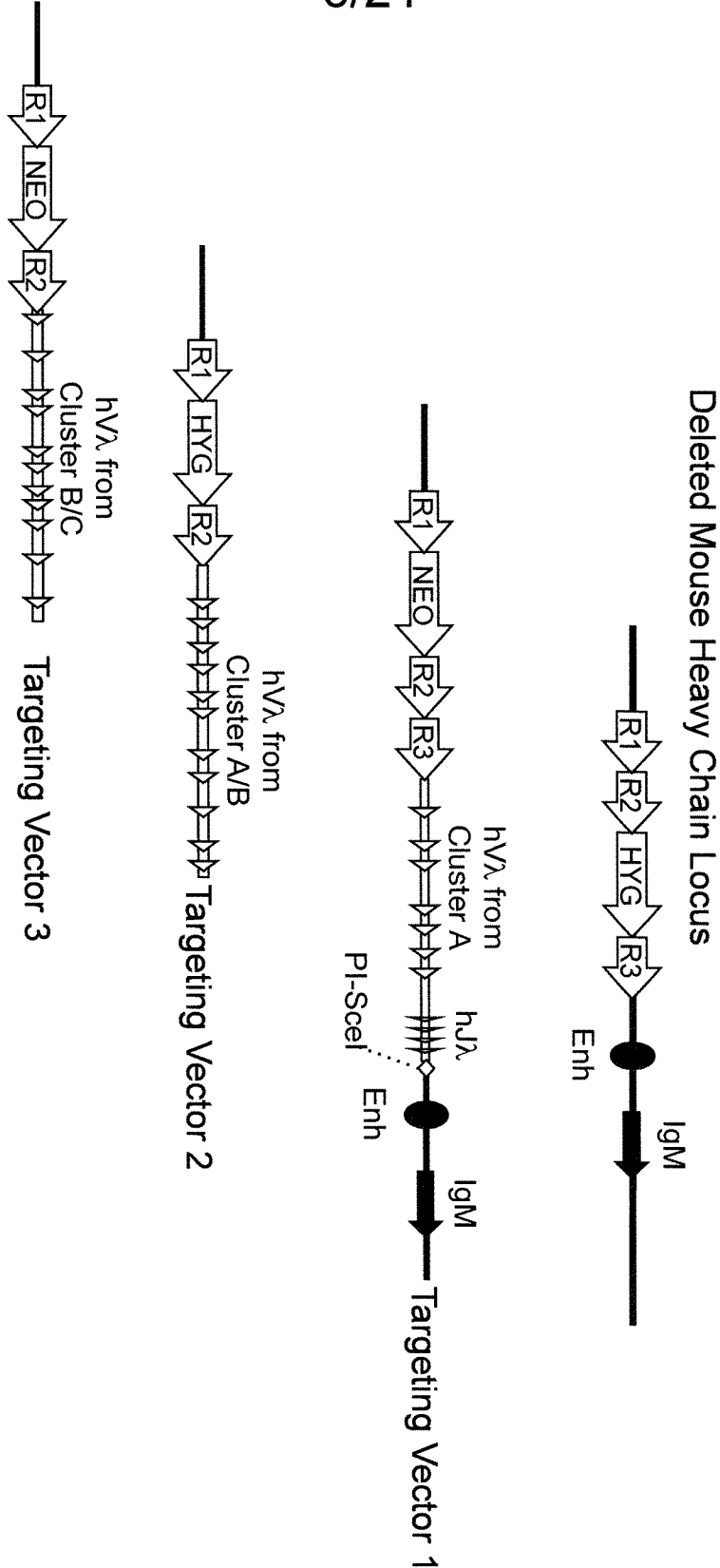


FIG. 4B

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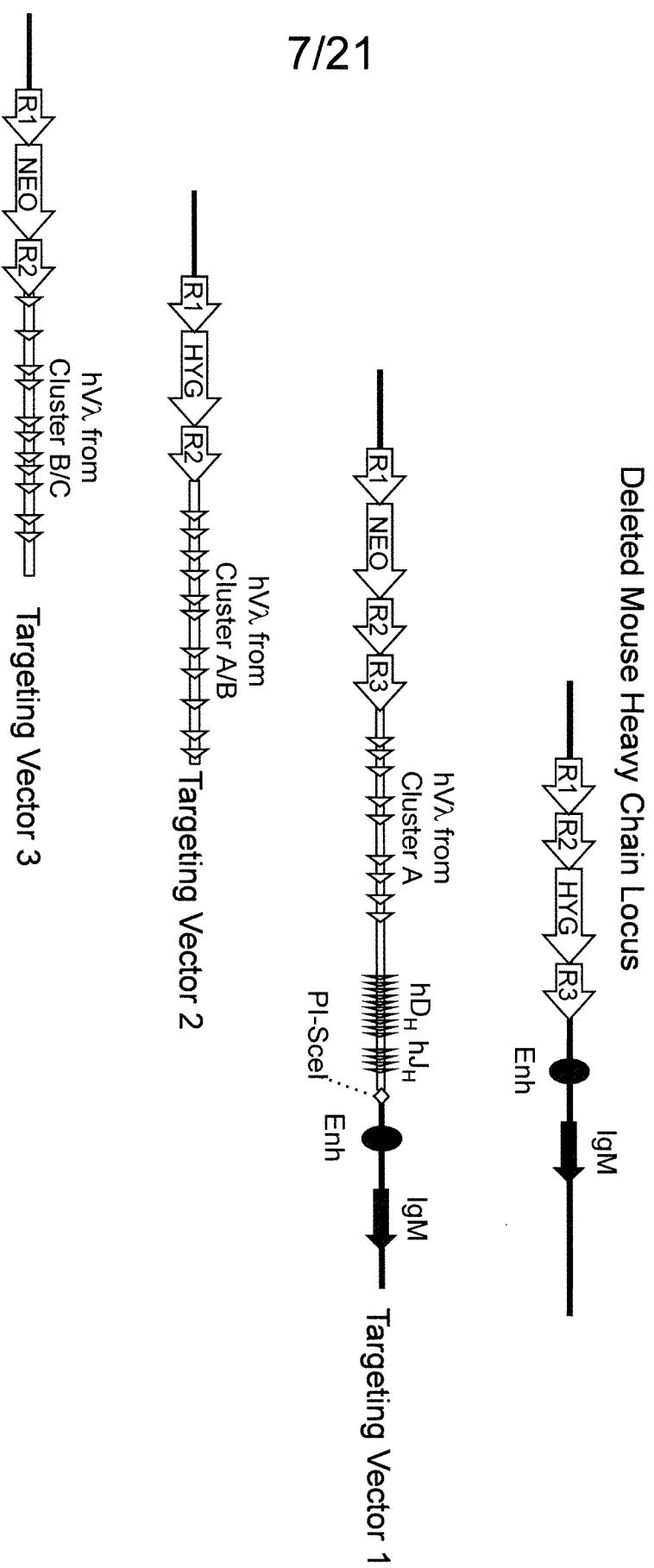


FIG. 5A

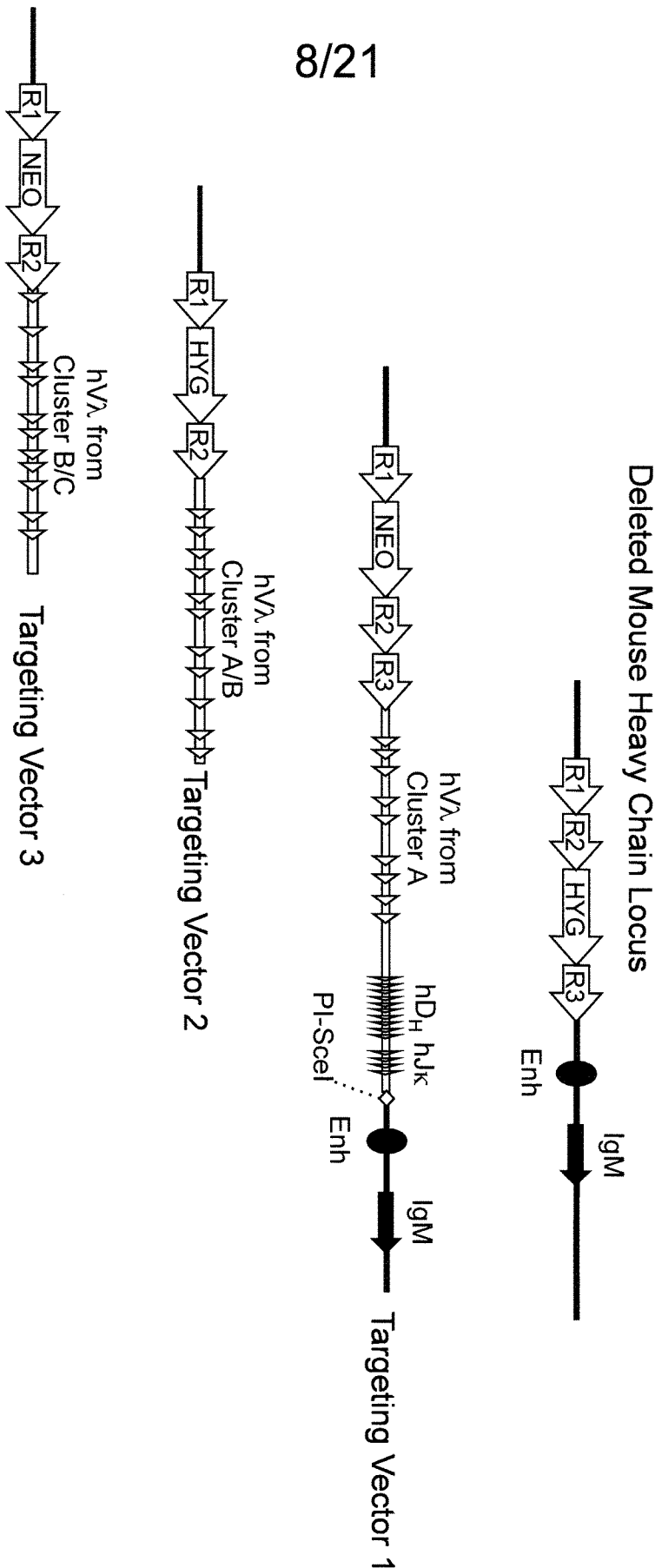


FIG. 5B

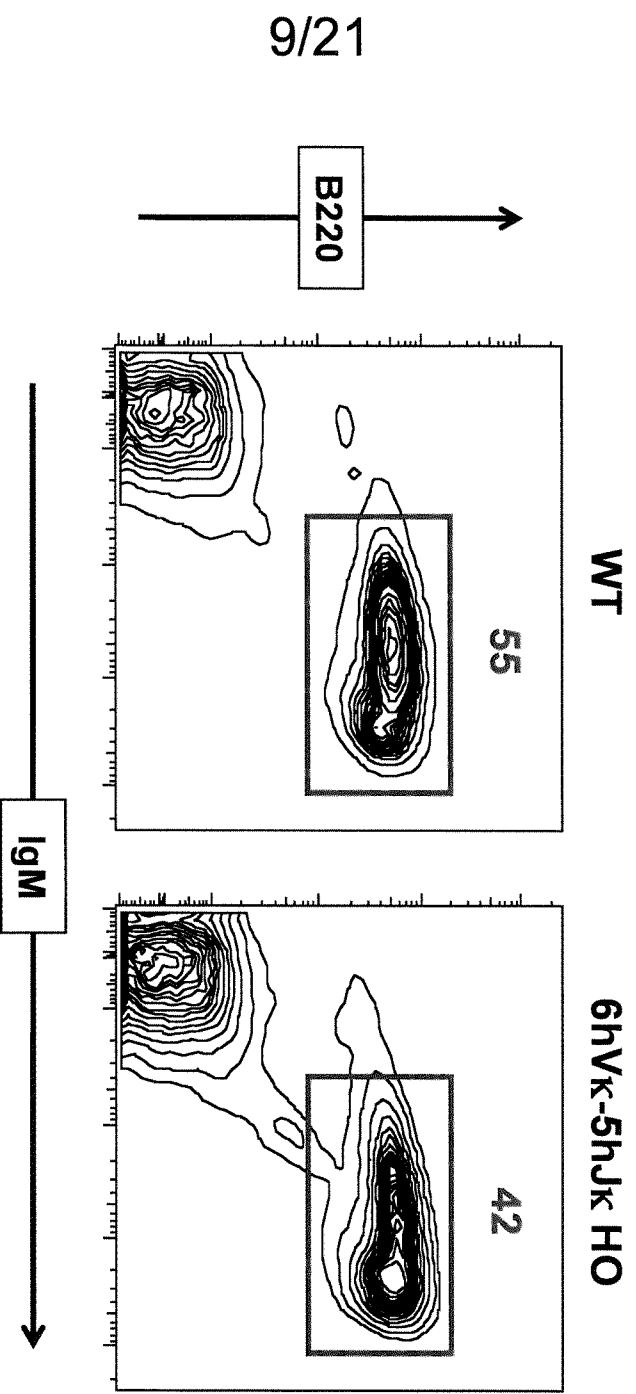


FIG. 6A

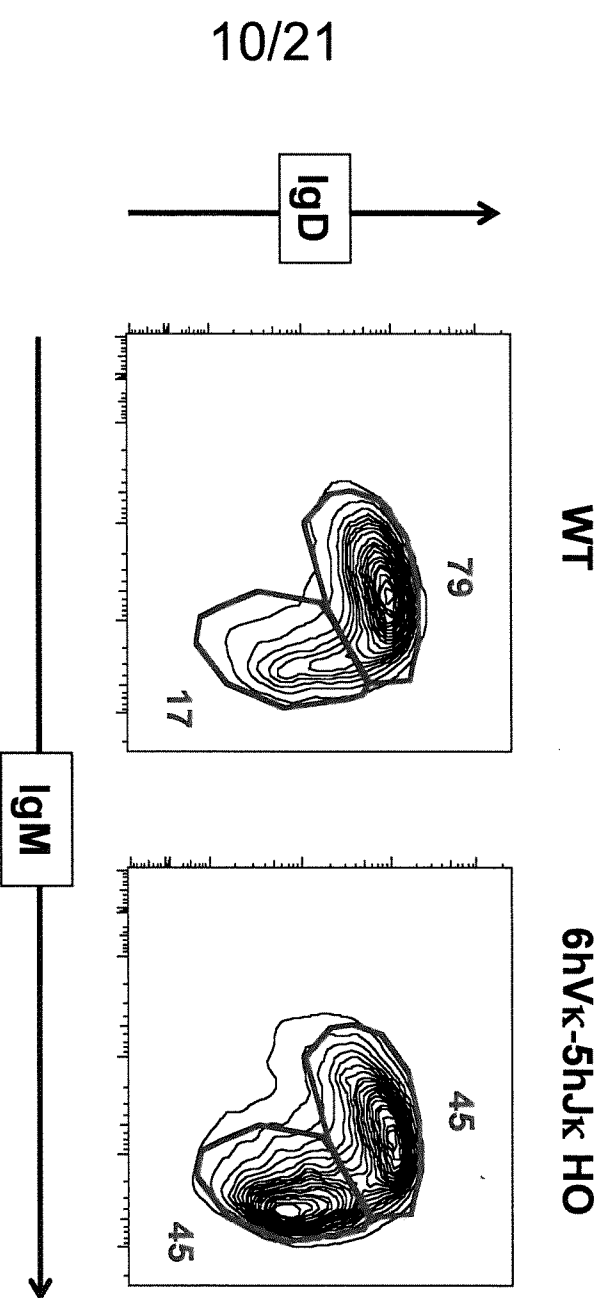


FIG. 6B

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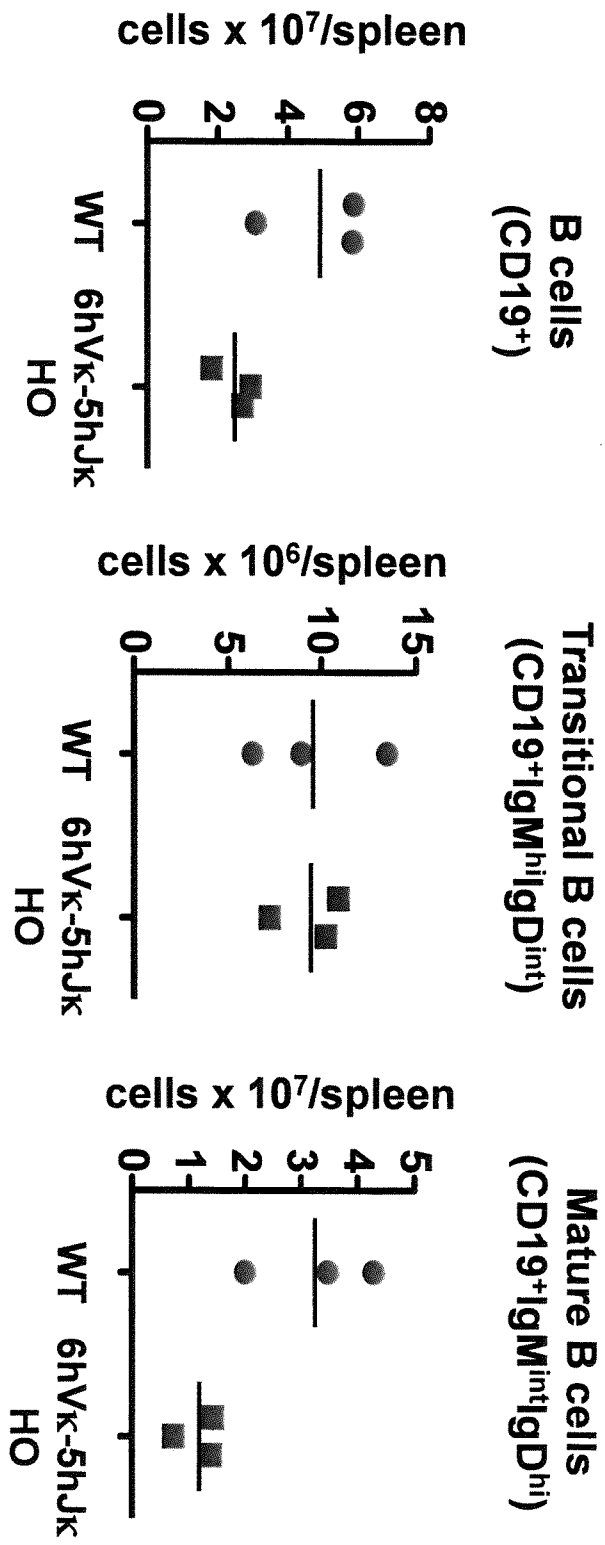


FIG. 6C

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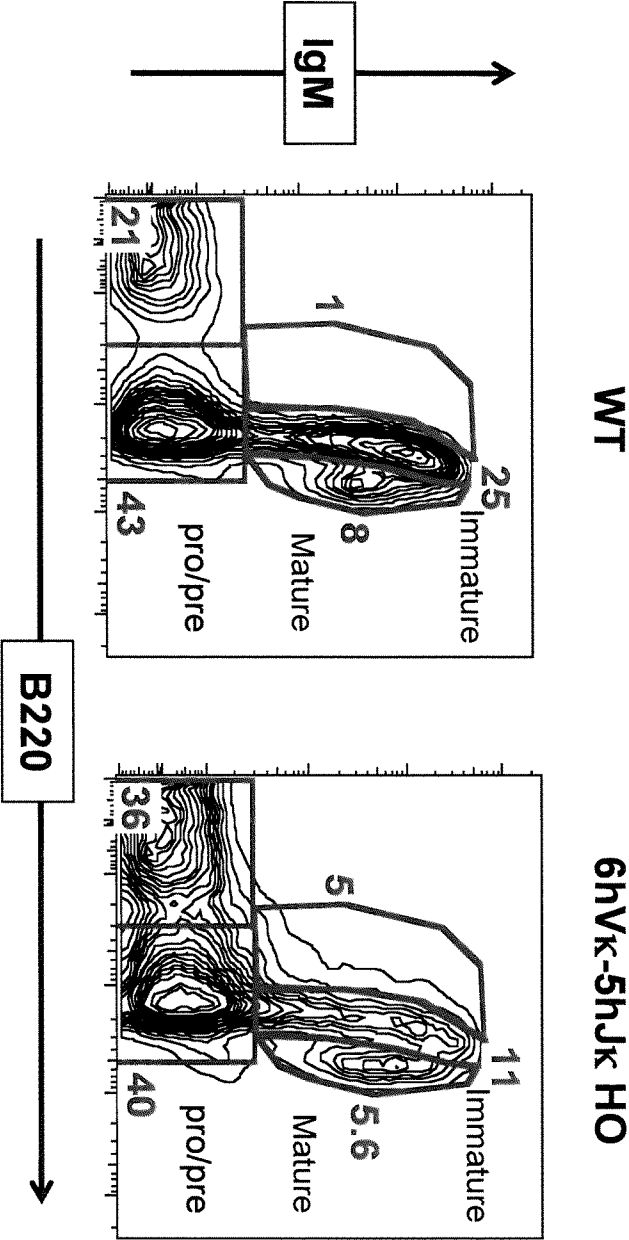


FIG. 7A

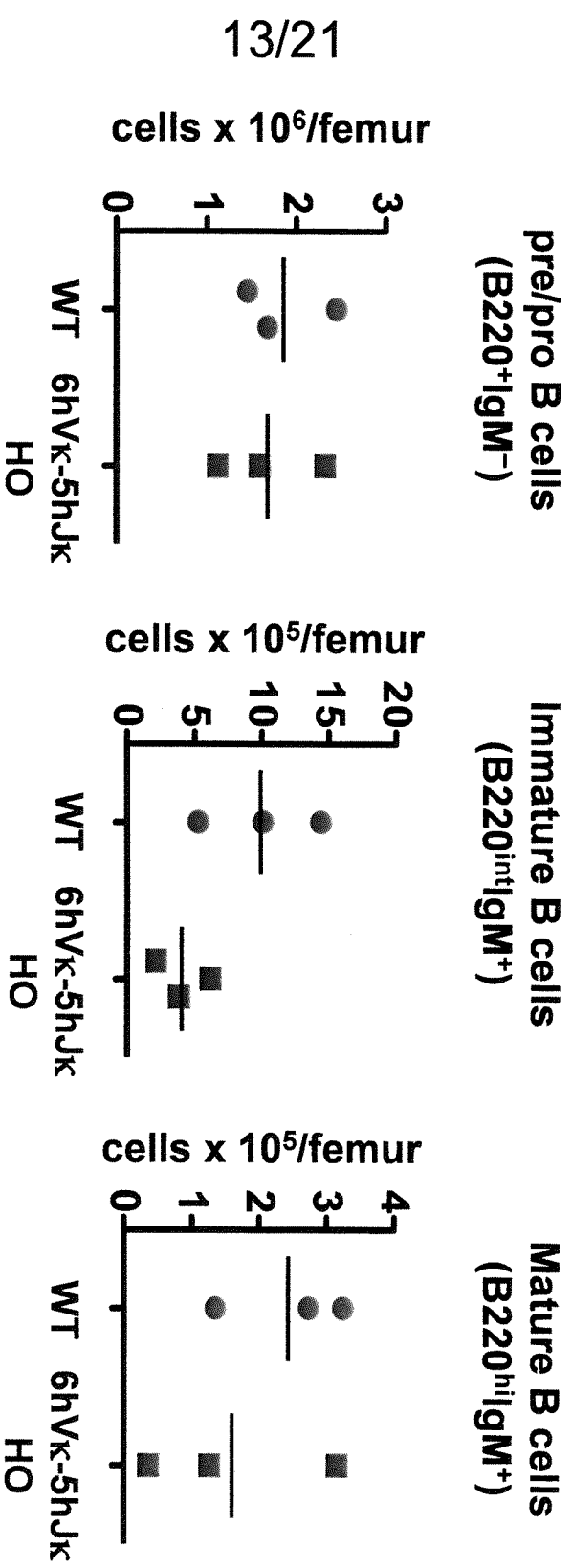


FIG. 7B

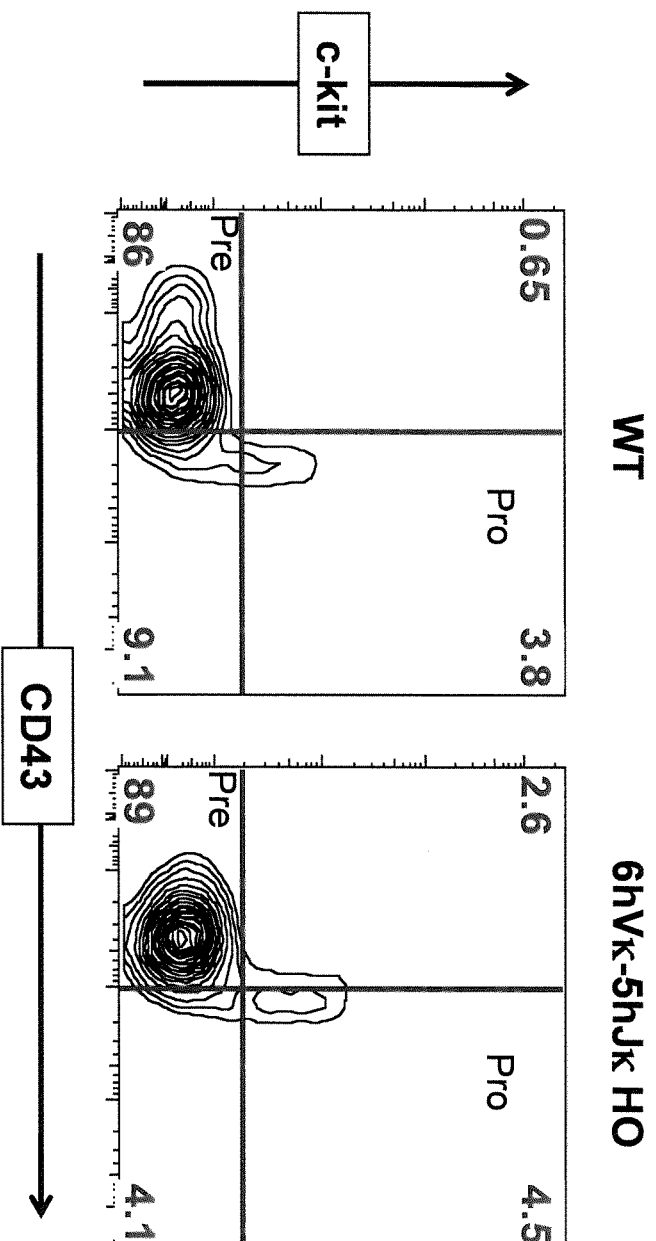


FIG. 7C

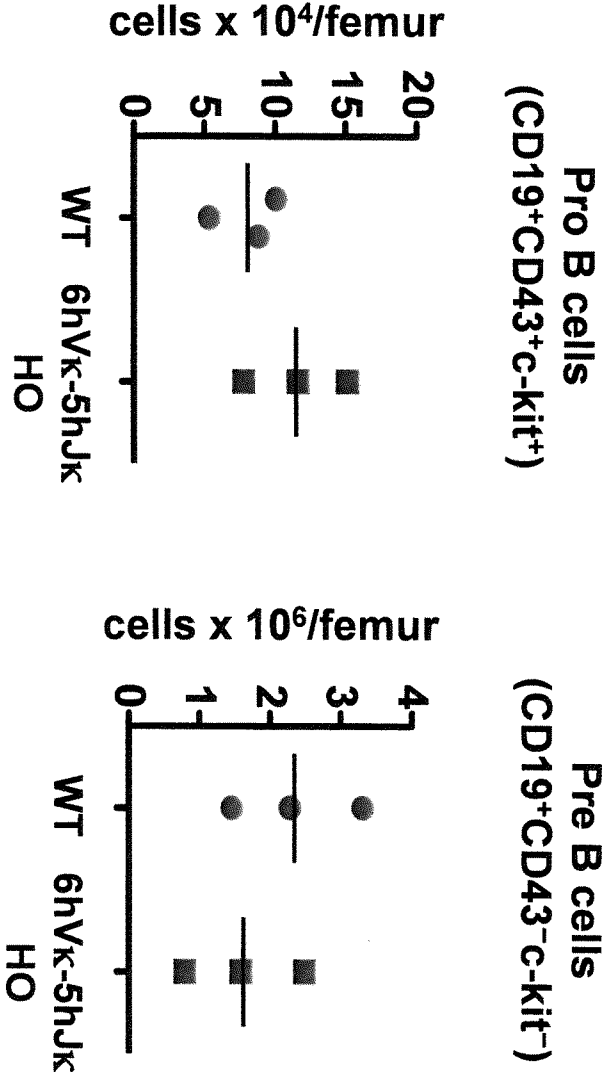


FIG. 7D

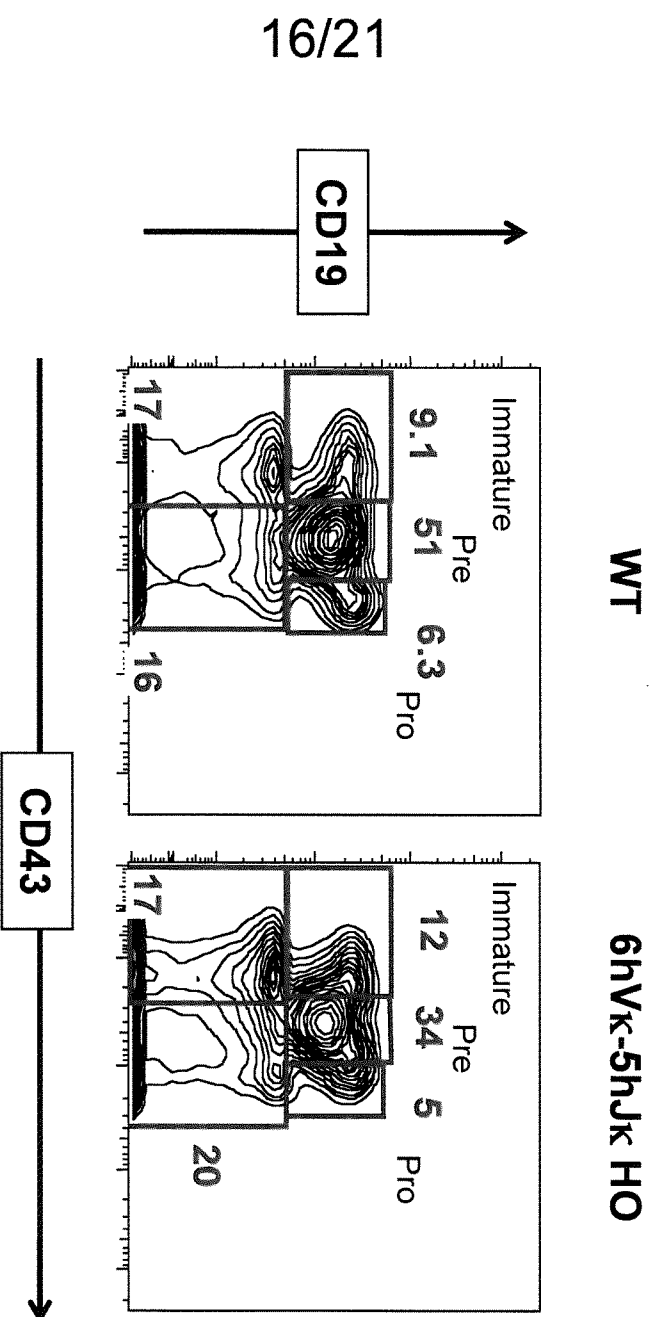


FIG. 7E

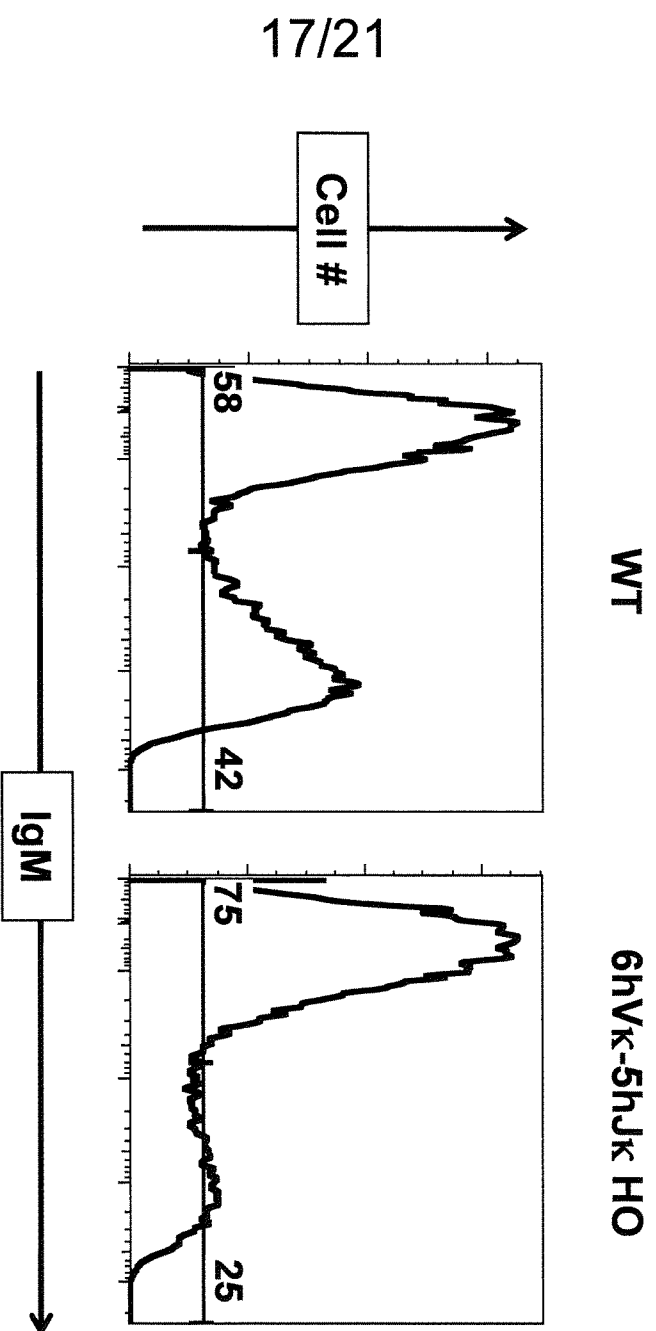


FIG. 7F

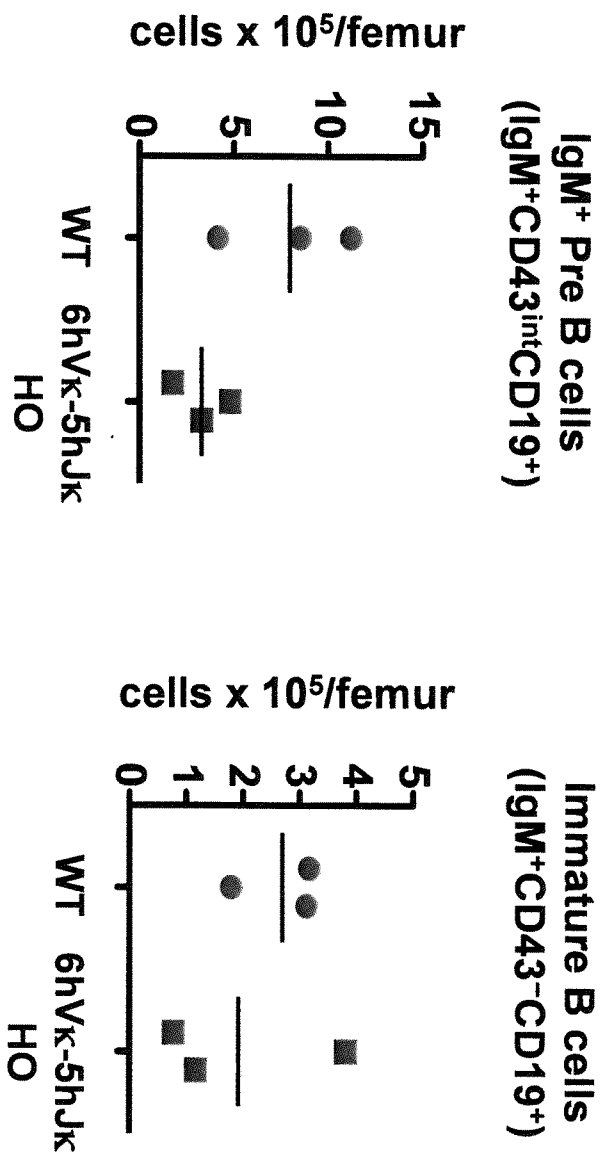


FIG. 7G

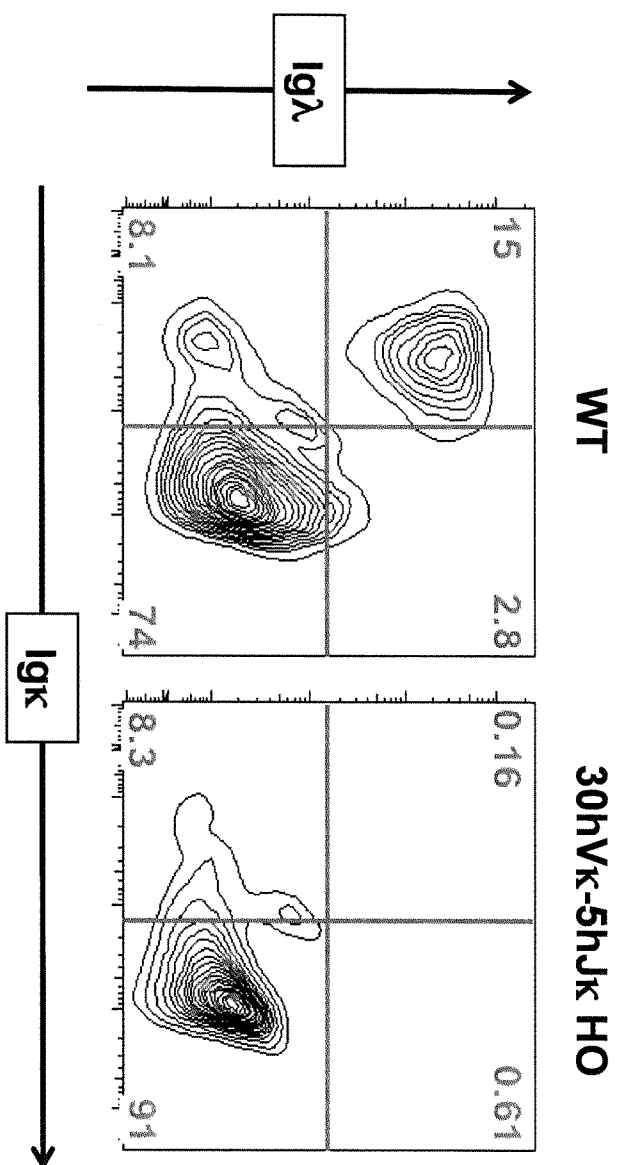


FIG. 8A

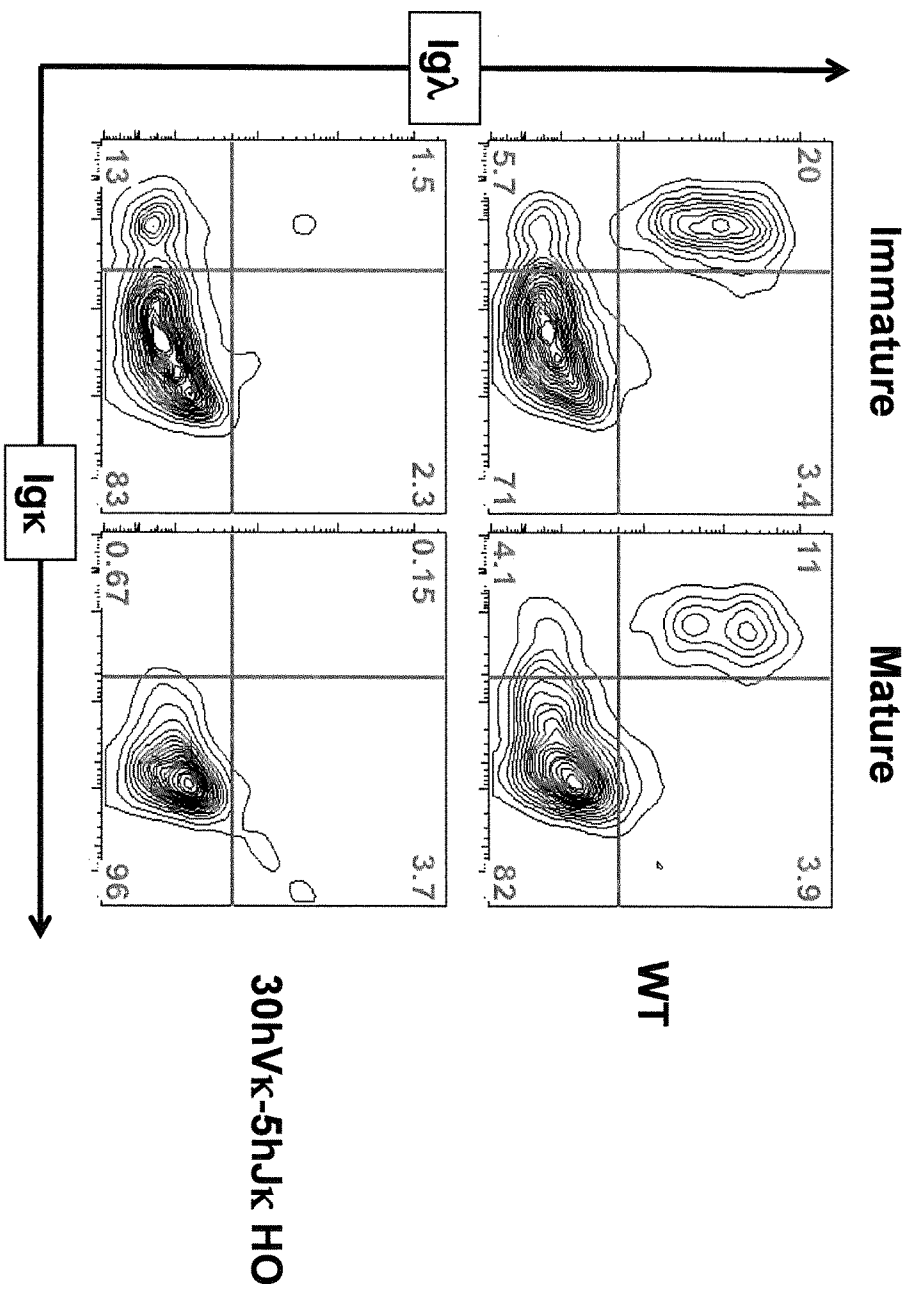


FIG. 8B

Rearranged Human Vk-Jk

Mouse IgG1

2E TGTCAACAGGCTAACAGTTTCCCGTACACTTTTGCCAGGGGACCAAGCTGGAGATCAAAC.CCAAAACGACACCCCCATCTGTCTATCCA
2H TGCATGCAAGCTCTACAAAttcGTGACGTTCCGCCAAGGACCAAGGTGGAATCAAAC.CCAAAACGACACCCCCATCTGTCTATCCA
3D TGTCAAGCAGCGTAGCCCCcgtt..TCACTTTCGGCGGAGGACCAAGGTGGAGATCAAAC.CCAAAACGACACCCCCATCTGTCTATCCA
5D TGTCTACAACATGATAATT.....GGACGTTCCGGCCAAGGACCAAGGTGGAATCAAAC.CCAAAACGACACCCCCATCTGTCTATCCA

Rearranged Human Vk-Jk

Mouse IgG2A/2C

1E TGCCAACAGTATAATACcc.....TCACTTTCGGCGGAGGACCAAGGTGGAGATCAAAC.CCAAAACAACAGCCCCATCGGTCTATC
1G TGTCAACAGCTTAATAGTTACCCtTcACTTTCCGGCGGAGGACCAAGGTGGAGATCAAAC.CCAAAACAACAGCCCCATCGGTCTATC
1C TGTCAAAAGTATAACAGTGCccCTcAcACTTTCCGGCGGAGGACCAAGGTGGAGATCAAAC.CCAAAACAACAGCCCCATCGGTCTATC
3A TGTCAGCAGTATGTACTCA..CTCACTTTCCGGCGGAGGACCAAGGTGGAGATCAAAC.CCAAAACAACAGCCCCATCGGTCTATC
4B TGTCAGCAATATTATAGTACTCCGATCAcCTTTCGGCCAAGGACACGACTGGAGATTAAAC.CCAAAACAACAGCCCCATCGGTCTATC
5A TGTCTACAACATGATAATTCCCGTACACTTTTGCCAGGGGACCAAGCTGGAGATCAAAC.CCAAAACAACAGCCCCATCGGTCTATC

Rearranged Human Vk-Jk

Mouse IgG3

1A TGCCAACAGTATAATAGTTACCCtCCcACCTTCGGCCAAGGACACGACTGGAGATTAAAC.CTACAACAACAGCCCCATCTGTCTATC
4C TGTCAGCAATATTATAGTACTgqgcccACTTTTGCCAGGGGACCAAGCTGGAGATCAAAC.CTACAACAACAGCCCCATCTGTCTATC

FIG. 9