

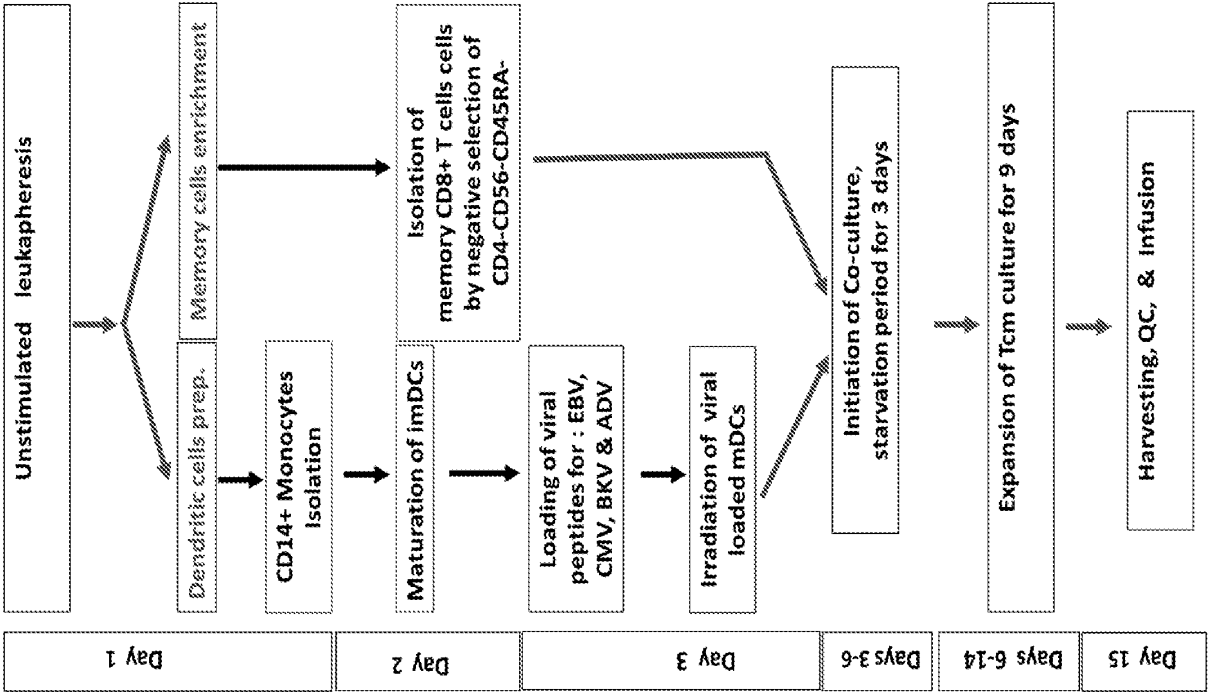


FIG. 1A

Nucleic acid sequence of the anti-HER2 CAR (N29-CD28-gamma human)

ATGGATTTCAGGTGCAGATTTTCAGCTTCCCTGCTAAATCAGTGCCTCAGTCAATAAGTCTAGAGGAGAIA
 TTGTGATGACCCAGTCTCCAAAATTCAATGTCACATCAGTAGGAGACAGGATCAGCGTCACCTGCAAGG
 CCAGTCAAGAATGTGGTCTCTAAAGTAGCCCTGGTAICAACAGAAACCAGGCAATCTCTAAACCACCTGA
 TTACTCGGCACTTACCATAIAATAATGGAGTCCCTGATCGCTTCACAGGCAGTGGATCTGGACAGATT
 CTCTCTACCAATCAGCAATGTGCAGTCTGAAGACTTGGCAGAGTATTTCTGTGAGCAATATAACACCTAATC
 CGTTACGTTCCGAGGGGCCAACAGCTGGAAATCAAAGGTCGACTTCCGGTAGCGGCAAAATCCCTC
 TGAAAGGCAAAGGTGAGGTGCAGCTGGAGGAGTCTGGTGGAGGATTTGGTGCAGCCATAAAGGGTCAAT
 GAAACTCTCAITGTGCAGCCCTCTGGATTCACCTTCAAATACCTACGCCAATGAACCTGGGTCCGCCAGGCCTCC
 AGGAAAGGGTTTGGAAATGATTTTCGCAIAAGAAAGTAAATAATTAAGCAACATAATTAATGTCGAT
 TCAGTGAAAGACAGGTTTACCAATCTCCAGAGAATGATTCACAAAGCAATCTAATCTGCAAAATGAACAAC
 TTGAAAACCTGAGGACACAGCCATGTATTAATCTGTGACTTCTTACTAATGATTAACGACAAGGTCTCTGTG
 CTTACTGGGGCCAAGGGACCAACCGTACCGTGAAAGGGAAACACCTTTGTCCAAGTCCCCATTTCCCC
 GGACCTTCTAAGCCCTTTTGGGTGCTGGTGGTGGTGGAGTCCCTGGCTTGTCTAATAGCTTGTCTAGTAA
 ACAGTGGCCCTTATTAATTTCTGGGTGAGGAGTAAGAGGAGCAGGCTCTCTGCACAGTGAATACATGAAGAA
 CATGACTCCCCCGCCCGCCACCCGCAAGCAATACCAGCCCTAATGCCCCACCAACGGGACTTCCGC
 AGCCCTATAGATCTCAAGTGCGAAAGGCAGCTATAACCAGCTATGAGAAATCAGATGGTGTGTTTACACGGG
 CCTGAGCACCGGAACCGAGACTTACGAGACTCTGAAGCATGAGAAACCACACAGTAGCTTTAG
 ACTCGAG

FIG. 2

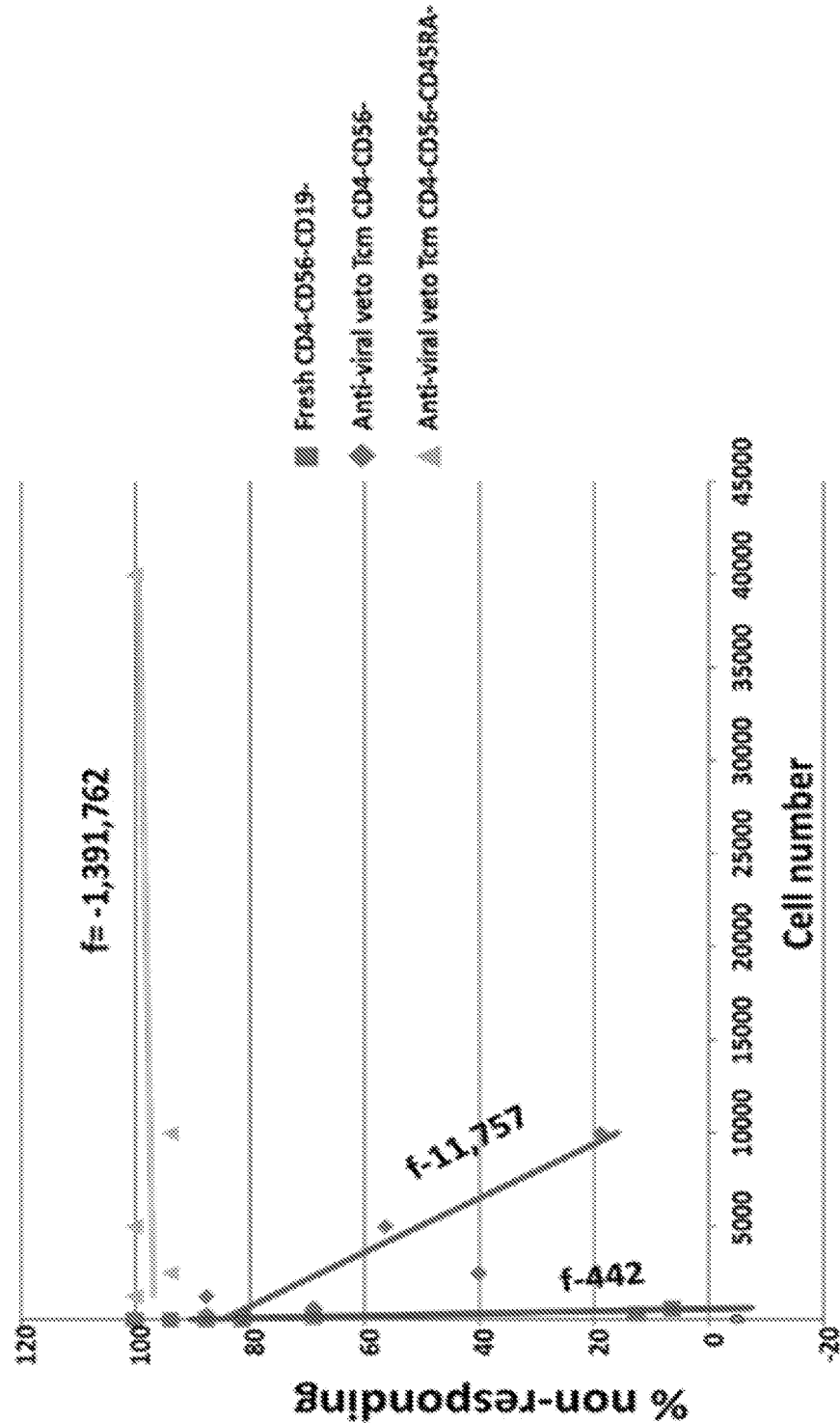


FIG. 3A

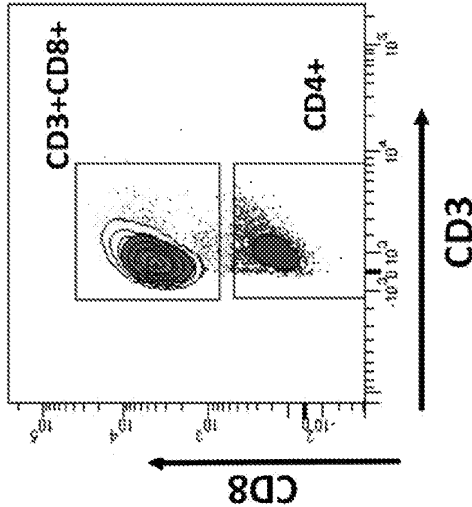


FIG. 3B

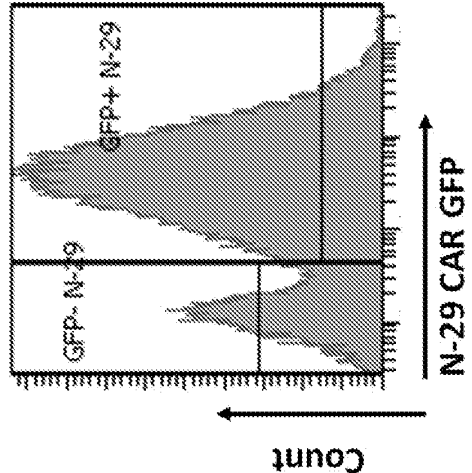


FIG. 3C

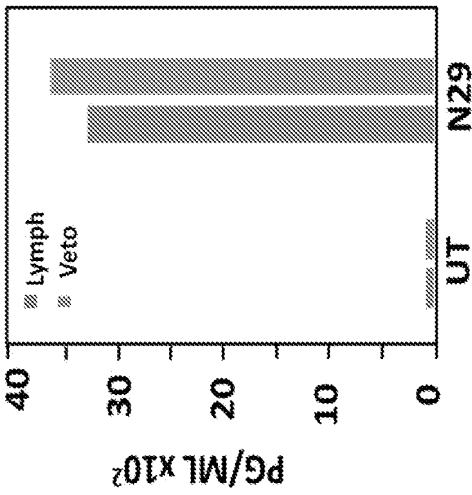


FIG. 3D

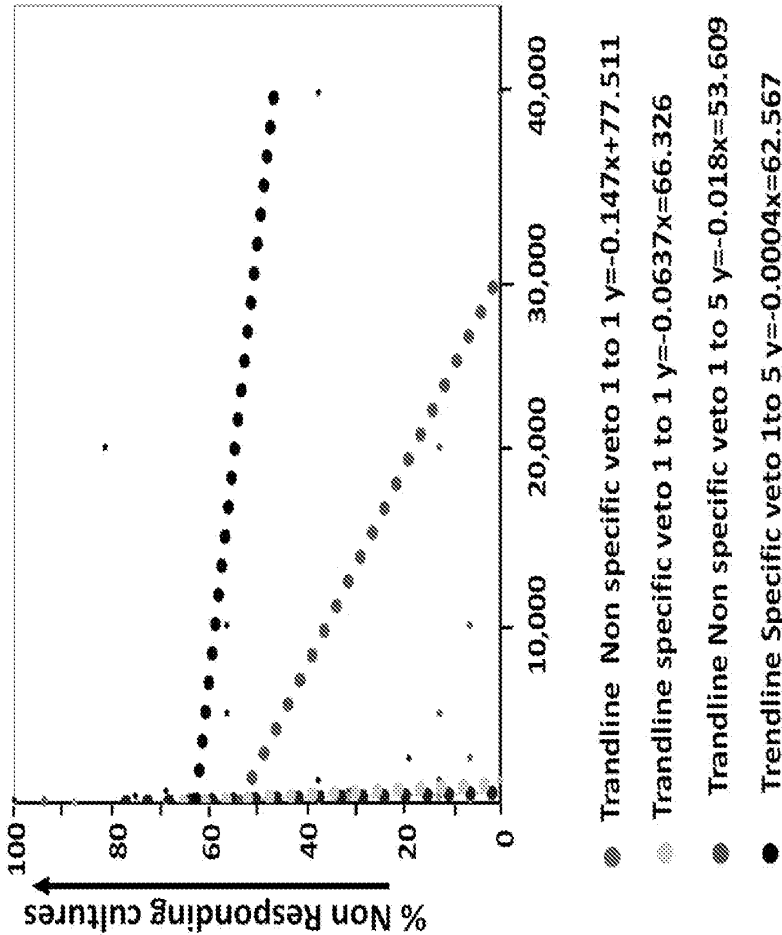


FIG. 3E

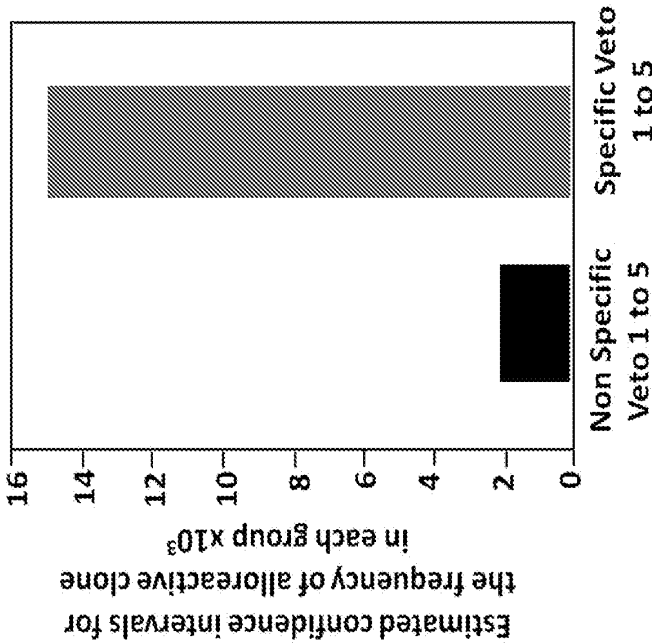


FIG. 4A

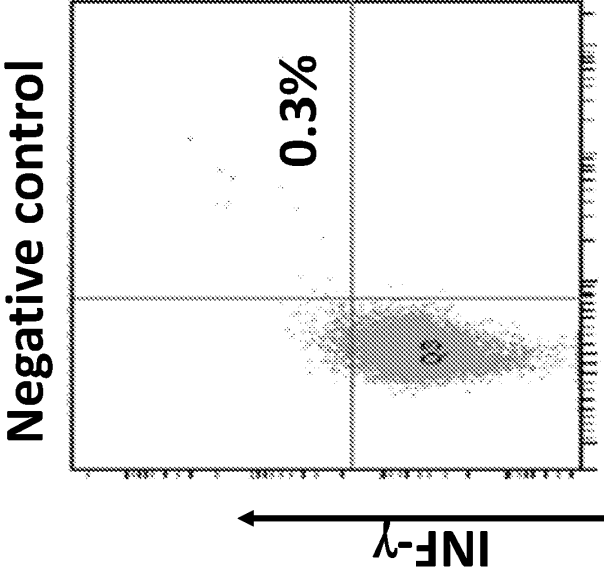


FIG. 4B

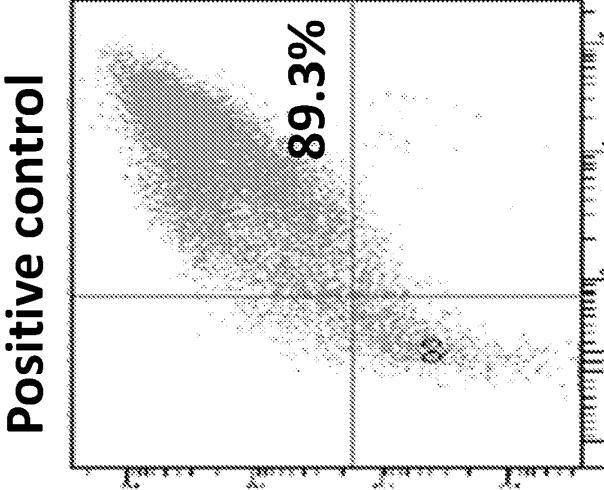


FIG. 4C

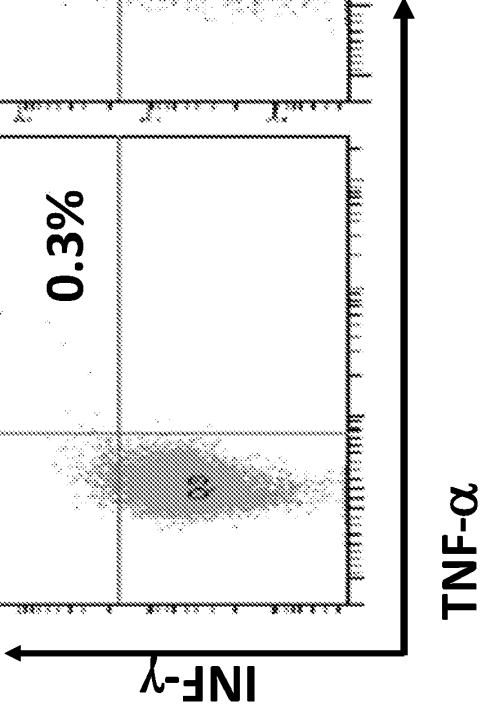
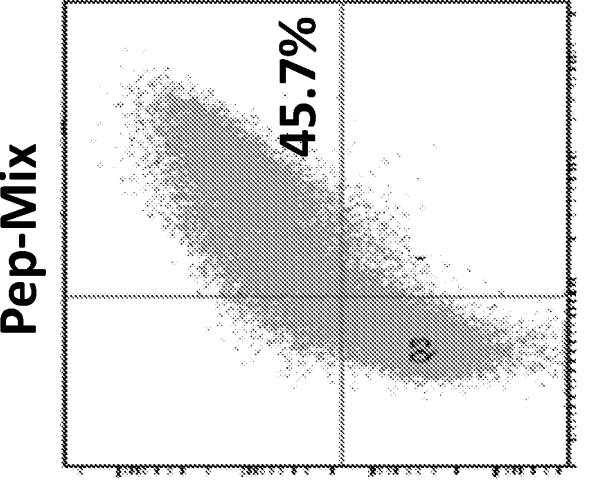


FIG. 5
% Transduction (GFP)

