

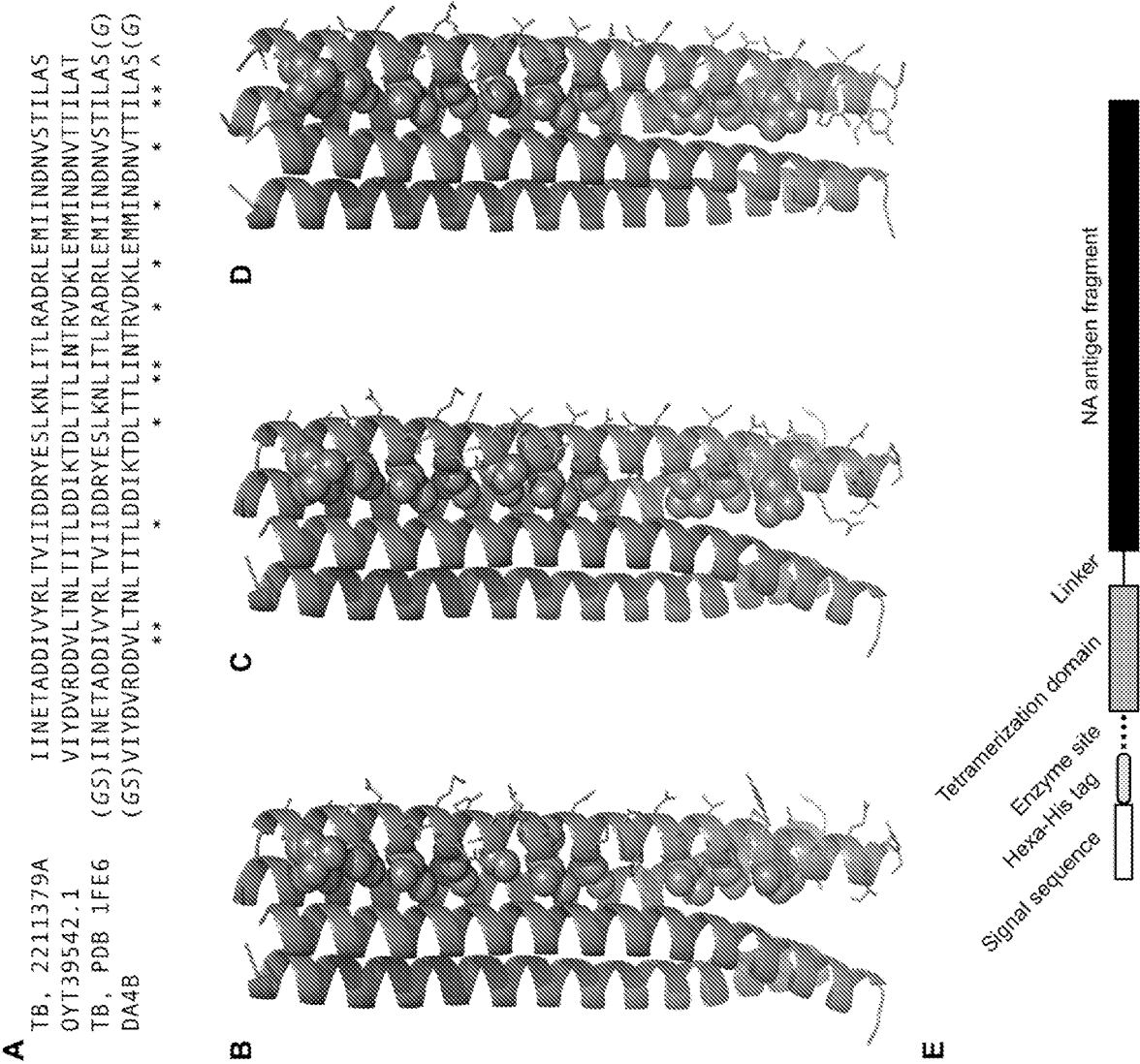
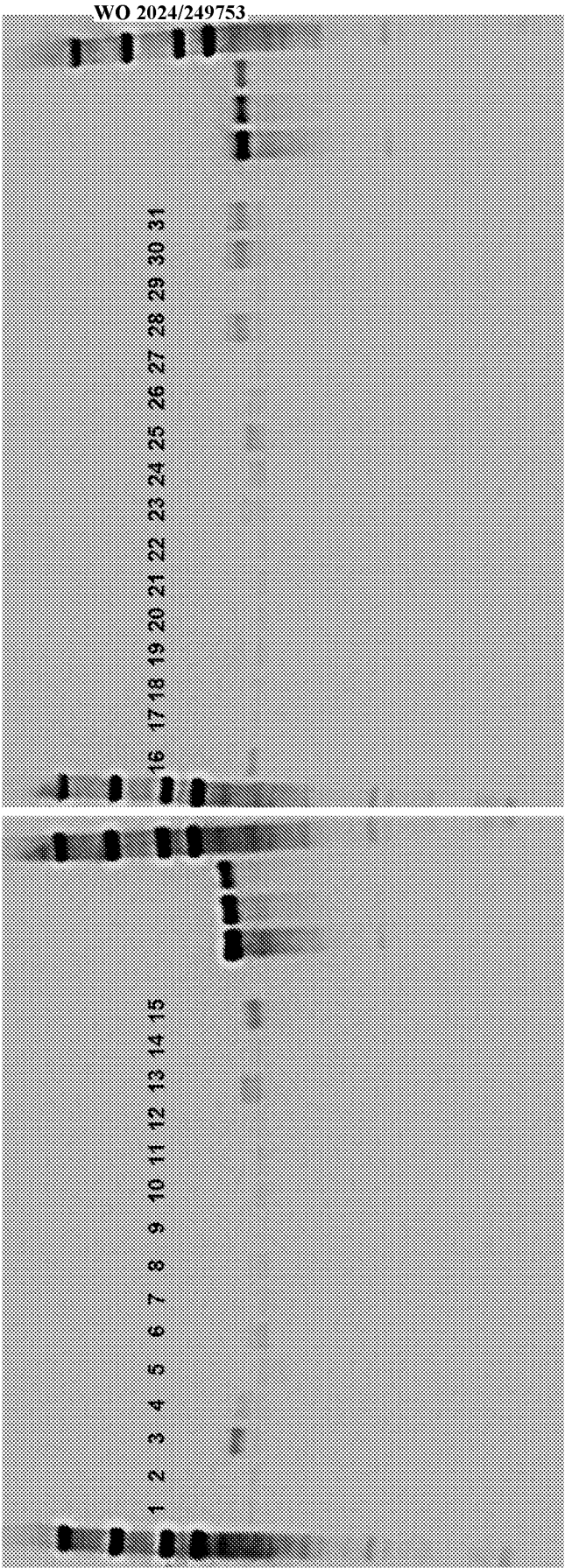


FIG. 1



PCT/US2024/031855

1	TB_L2_65-N1-MII5	9	TB_L2_79-N1-MII5	17	DA4B_L0_82-N1-MII5	25	TB_L8_76-Bv-CO17
2	TB_L2_65-N2-DA21	10	TB_L8_83-N1-MII5	19	TB_L2_70-N2-DA21	26	TB_L4_76-Bv-CO17
3	TB_L2_56-Bv-CO17	11	TB_L4_83-N1-MII5	19	TB_L2_79-N2-DA21	27	TB_L0_75-Bv-CO17
4	DA4B_L2_65-N1-MII5	12	TB_L0_82-N1-MII5	20	TB_L8_83-N2-DA21	28	DA4B-rev1_L2_65-N1-MII5
5	VASP_L10B_83-N1-MII5	13	DA4B_L2_70-N1-MII5	21	TB_L4_83-N2-DA21	29	DA4B-rev2_L2_65-N1-MII5
6	VASP_L10B_83-N2-DA21	14	DA4B_L2_79-N1-MII5	22	TB_L0_82-N2-DA21	30	DA4B-2glyc_L2_65-N1-MII5
7	VASP_L10B_76-Bv-CO17	15	DA4B_L8_83-N1-MII5	23	TB_L2_64-Bv-CO17	31	DA4B-rev1-2glyc_L2_65-N1-MII5
8	TB_L2_70-N1-MII5	16	DA4B_L4_83-N1-MII5	24	TB_L2_72-Bv-CO17		

FIG. 2

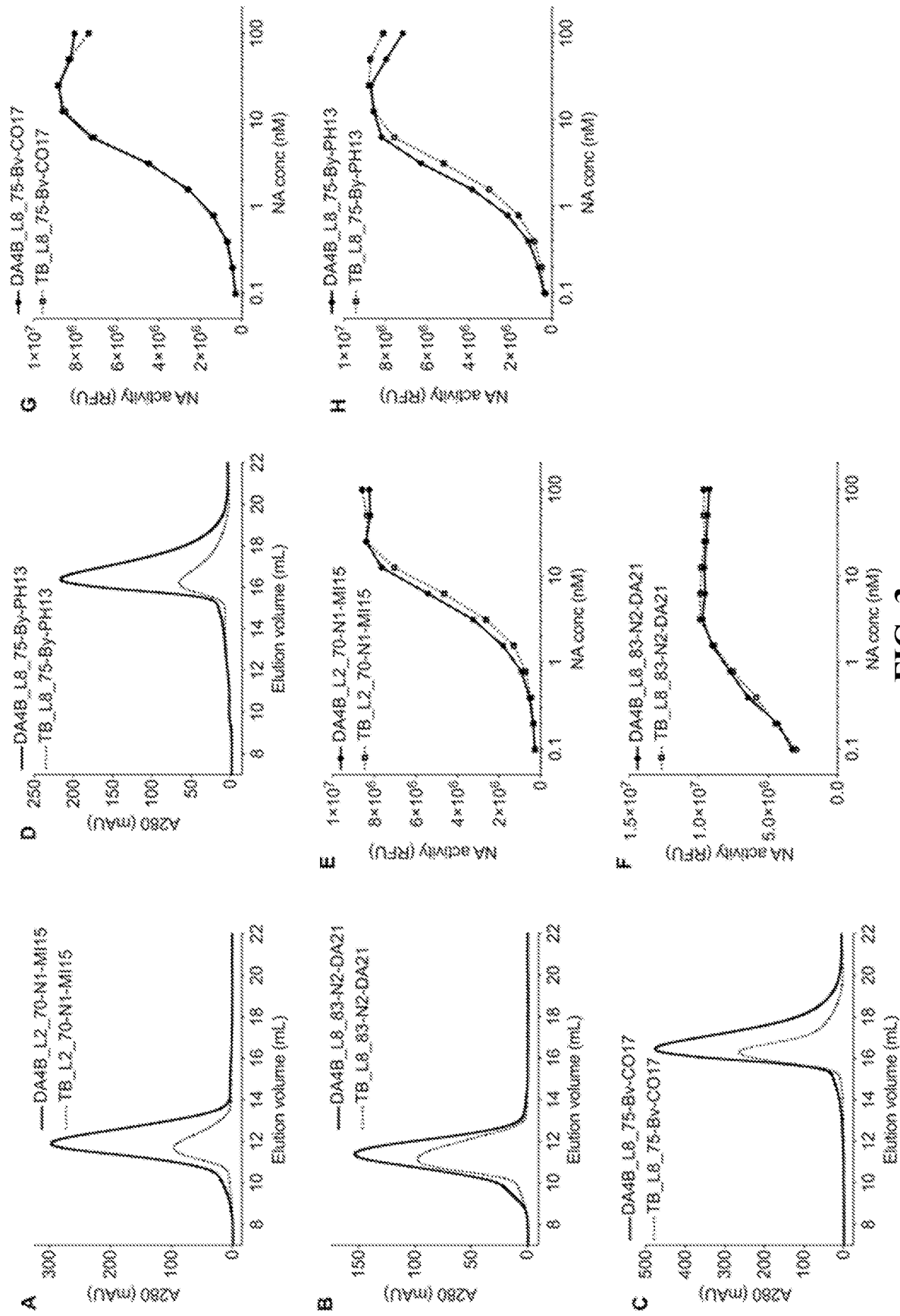


FIG. 3

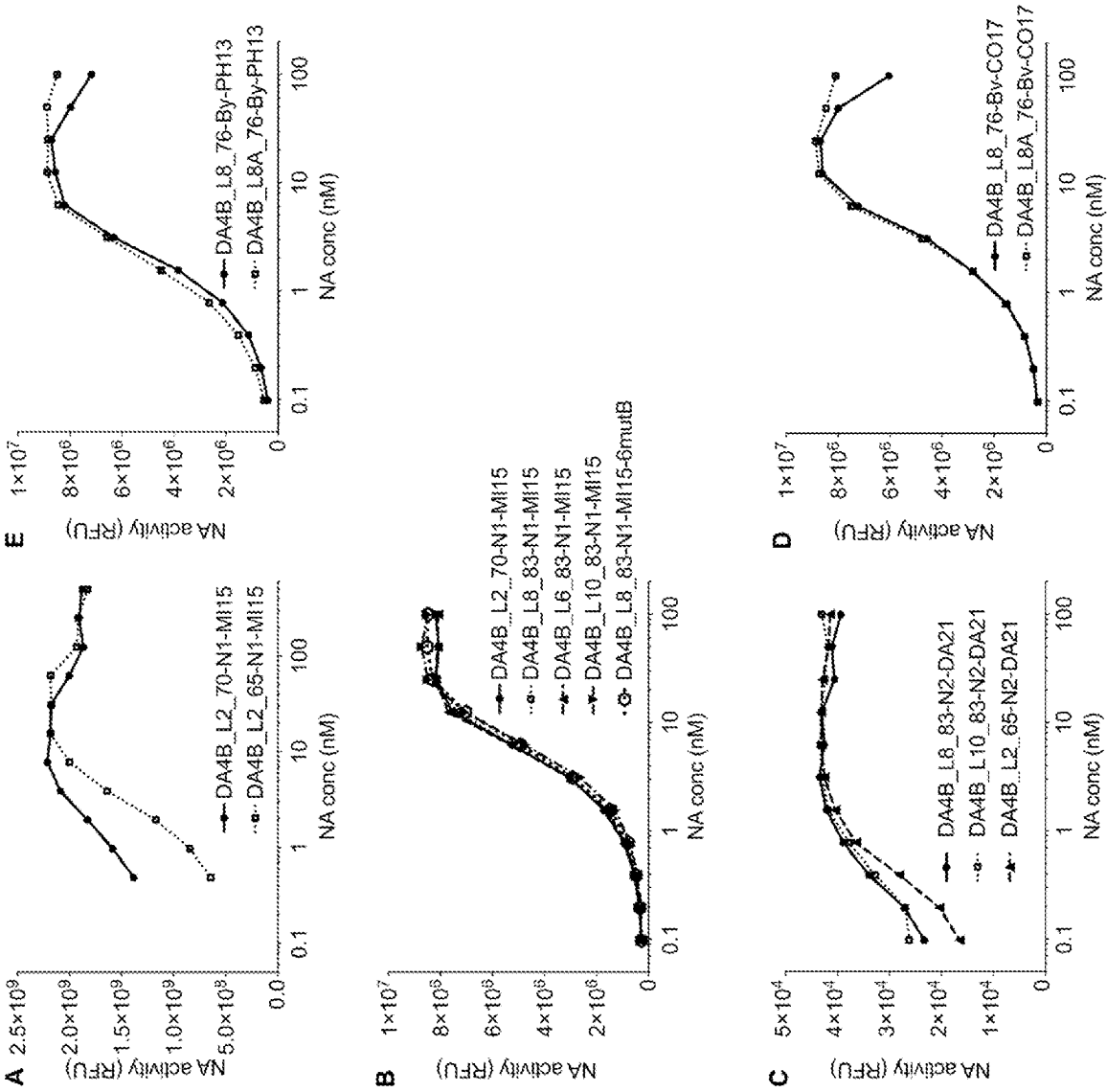


FIG. 4

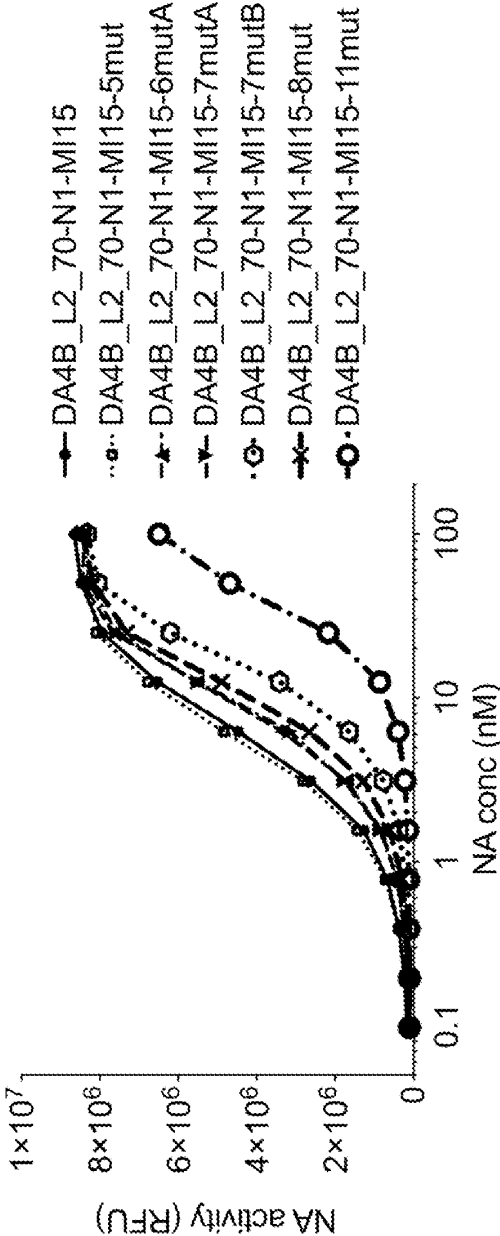


FIG. 5

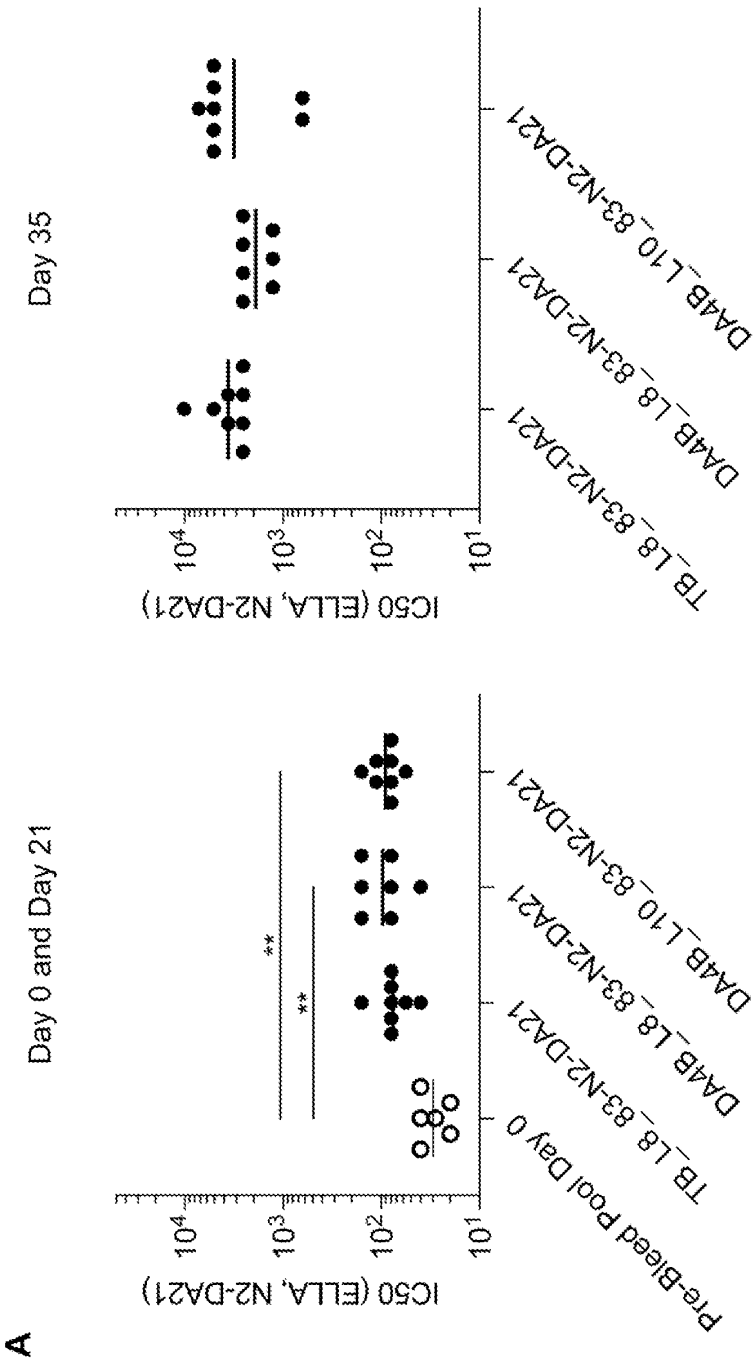


FIG. 6

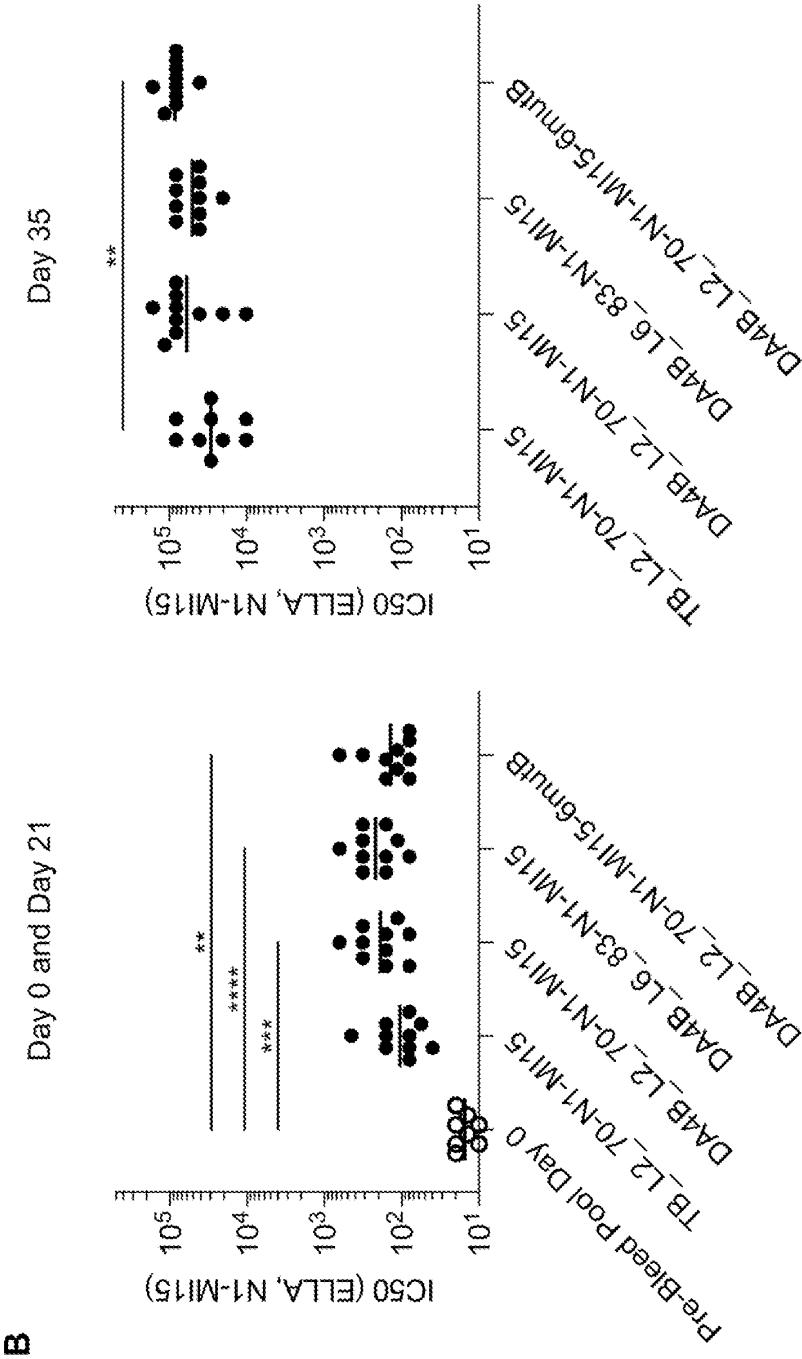


FIG. 6

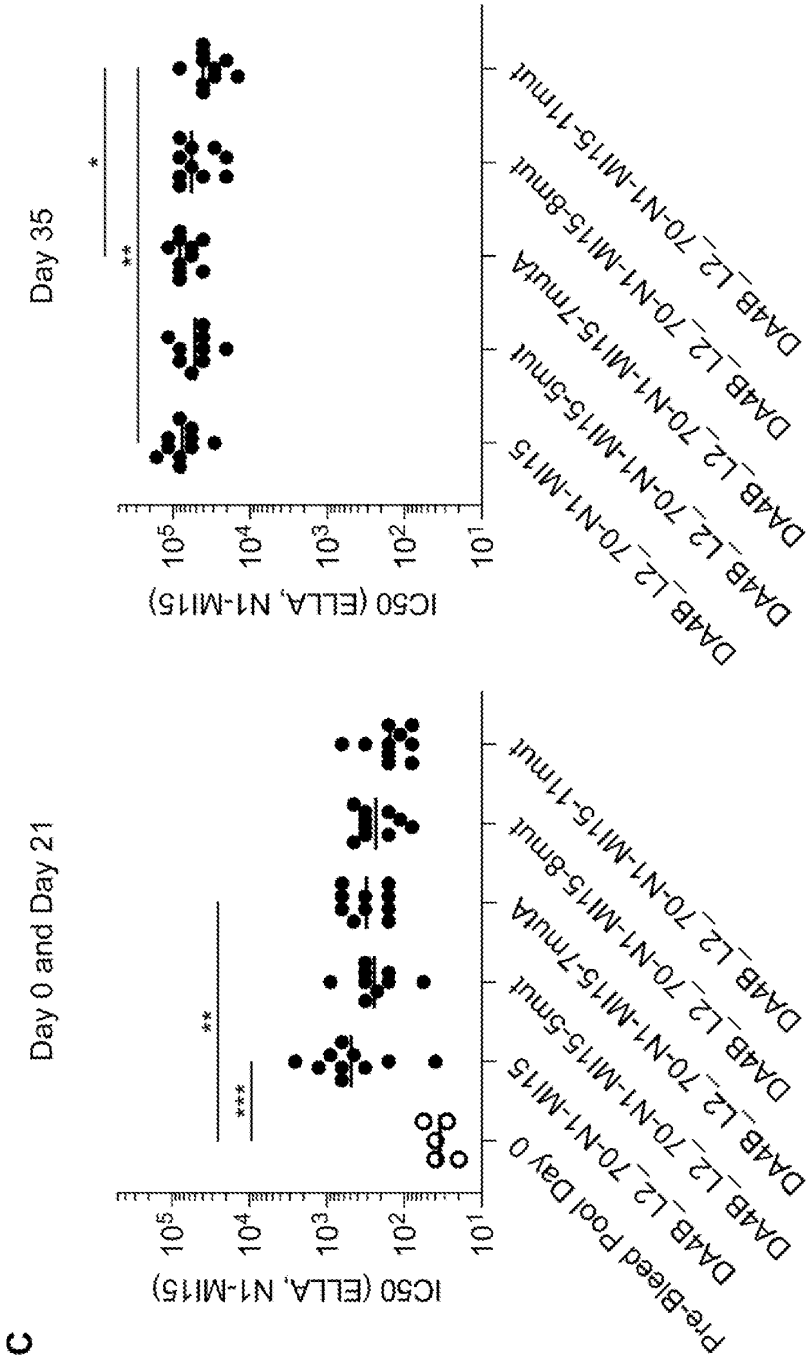


FIG. 6

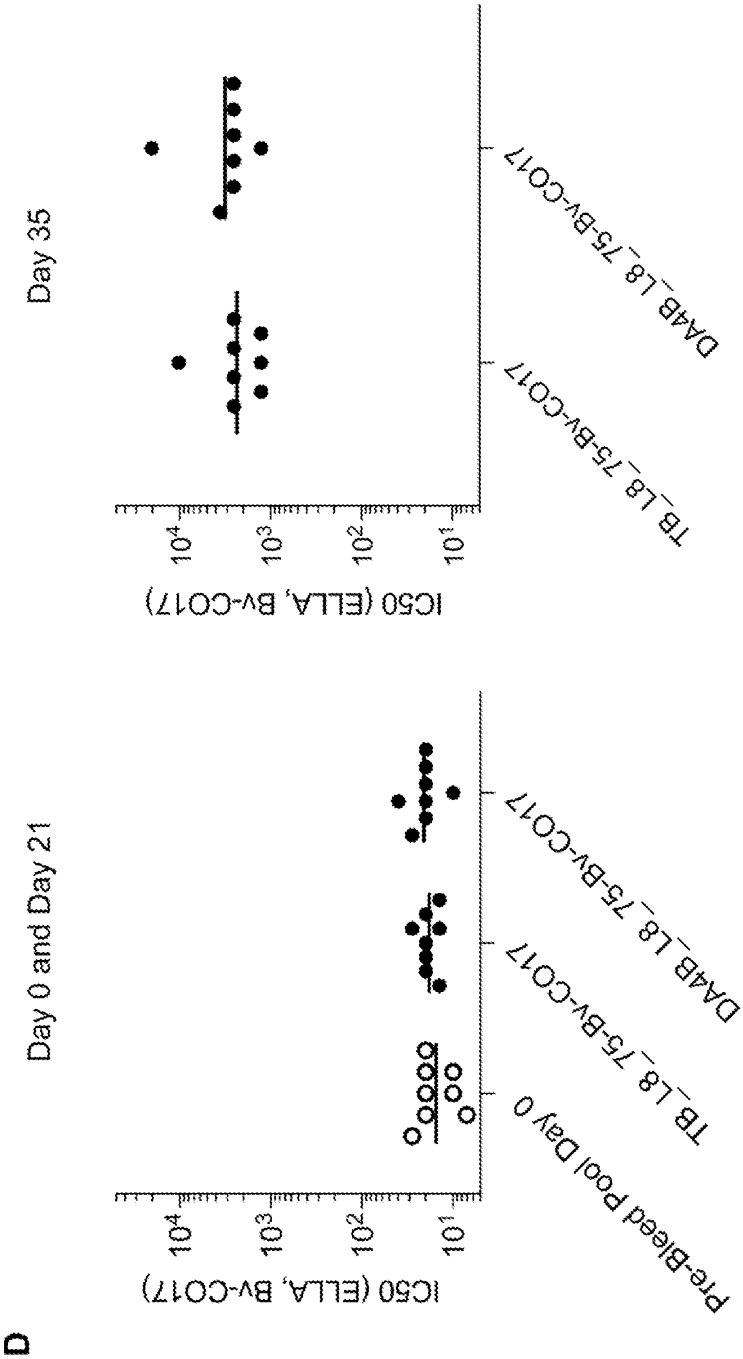


FIG. 6

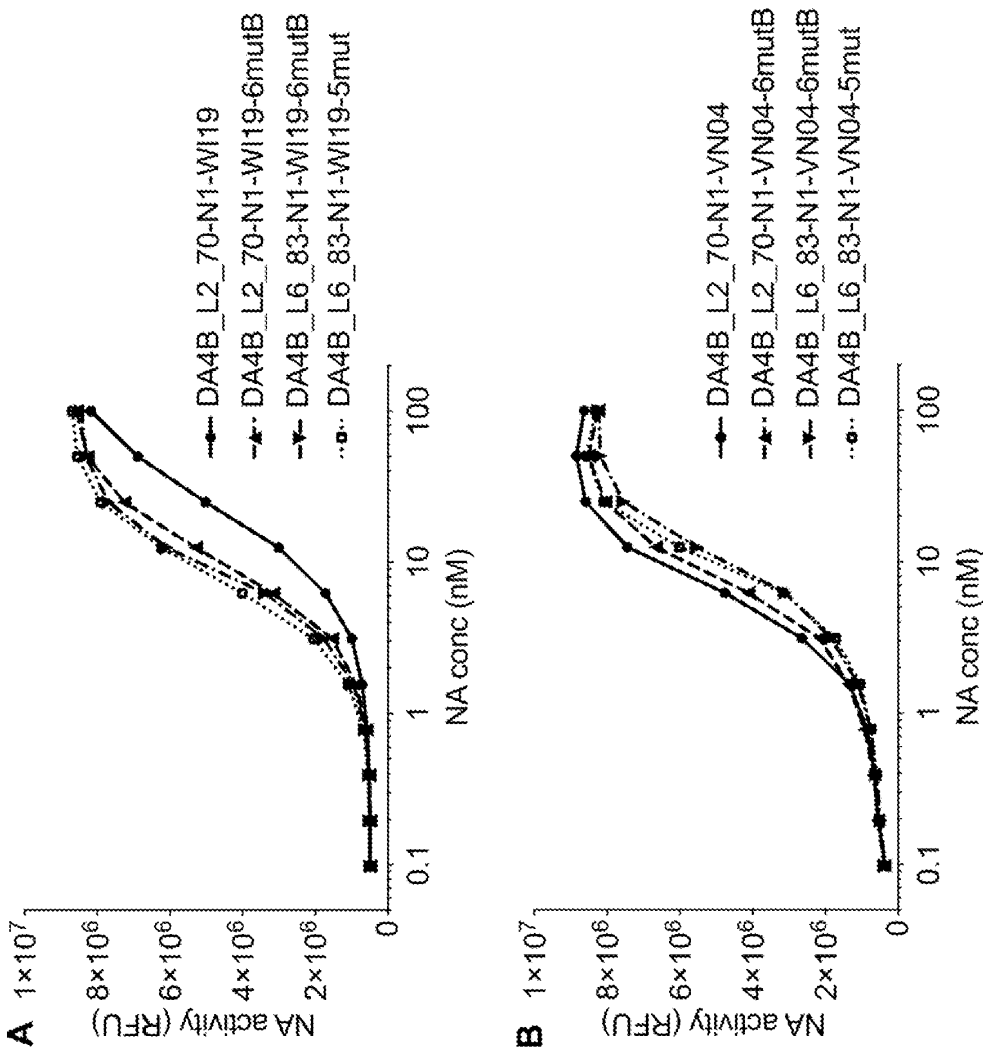
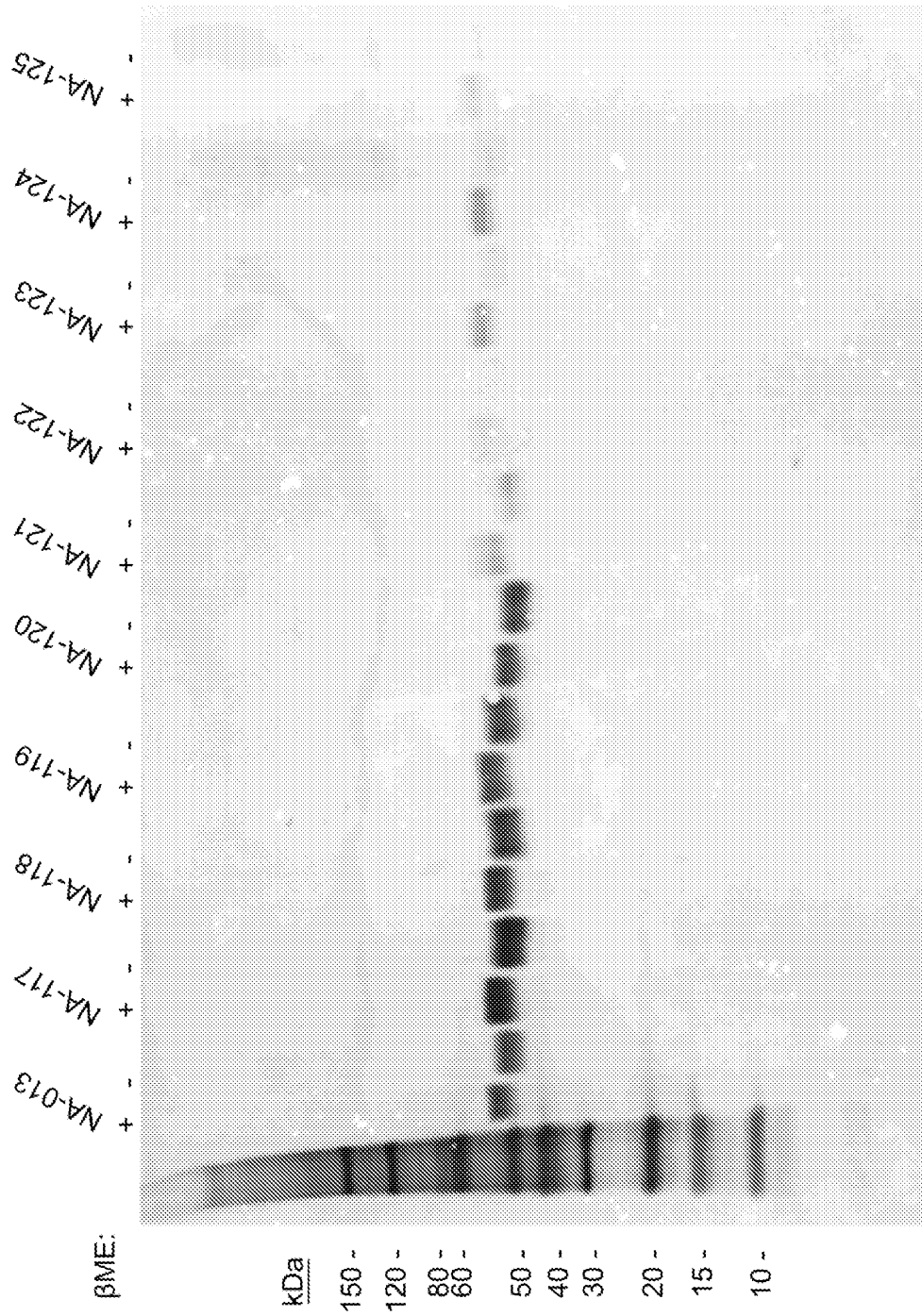


FIG. 7

**FIG. 8**

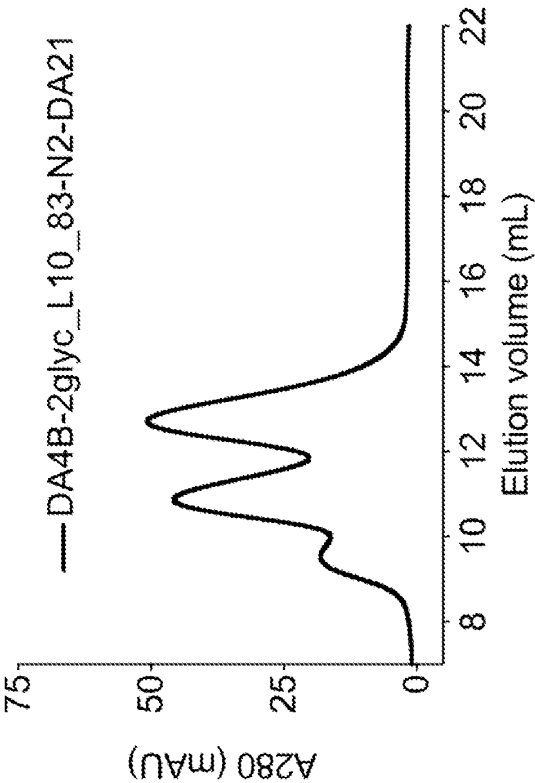
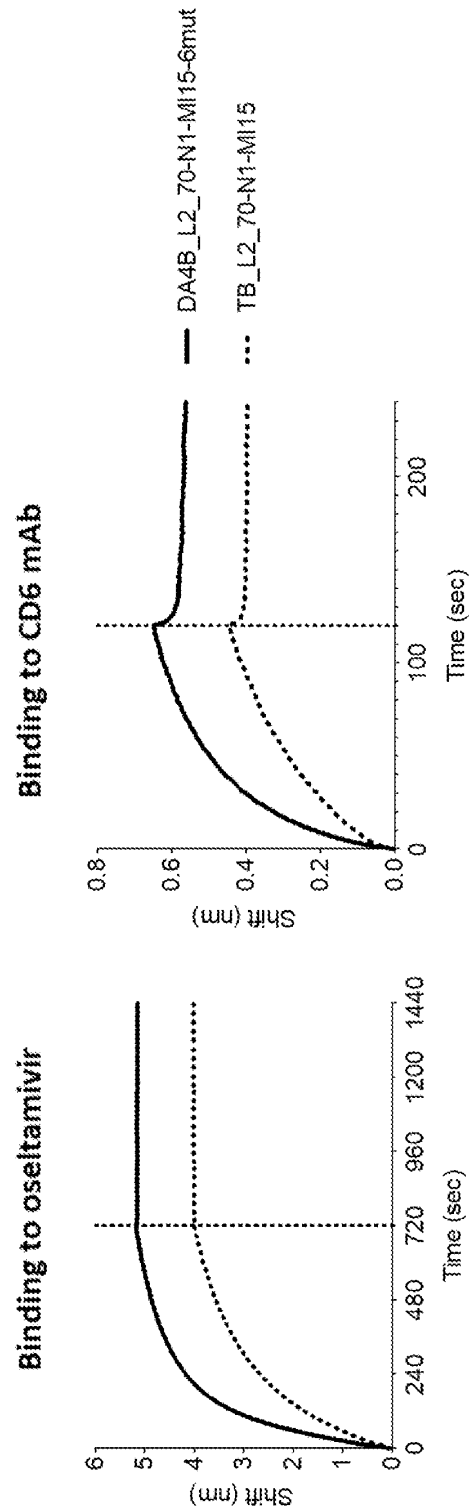


FIG. 9



- TB_L2_70-N1-MI15: Wildtype N1 antigen genetically fused to tetrabrachion (TB) tetramerization domain
- DA4B_L2_70-N1-MI15-6mut: 1st-generation stabilized N1 antigen genetically fused to novel tetramerization domain

FIG. 10A

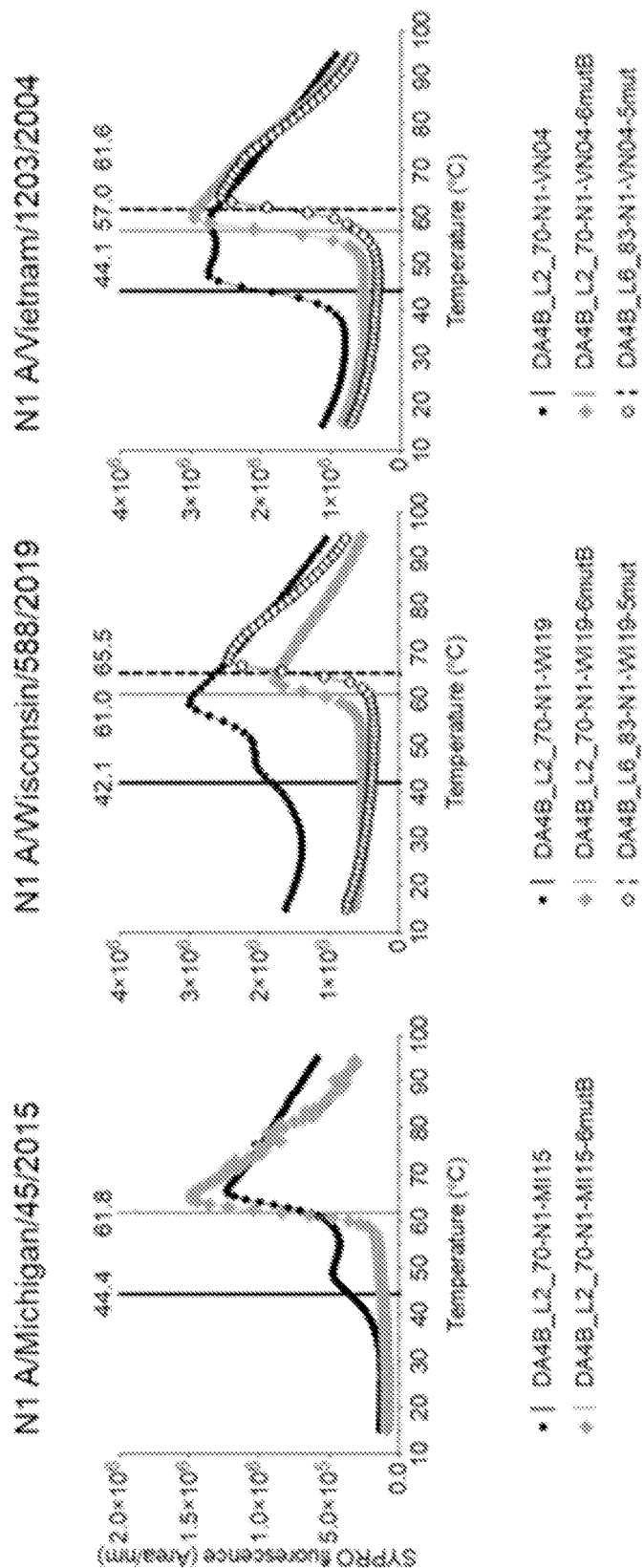


FIG. 10B

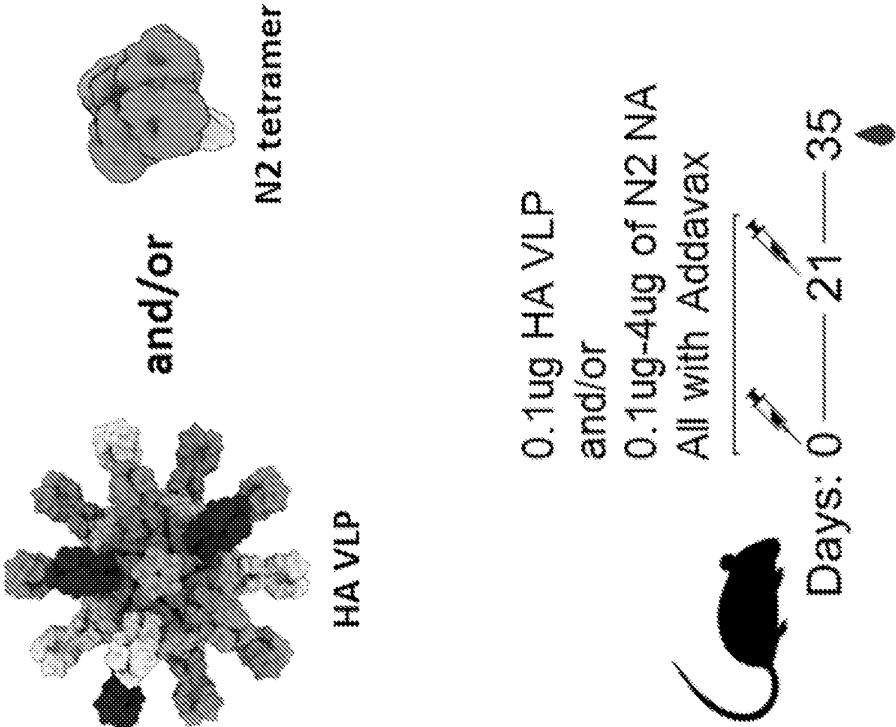


FIG. 11A

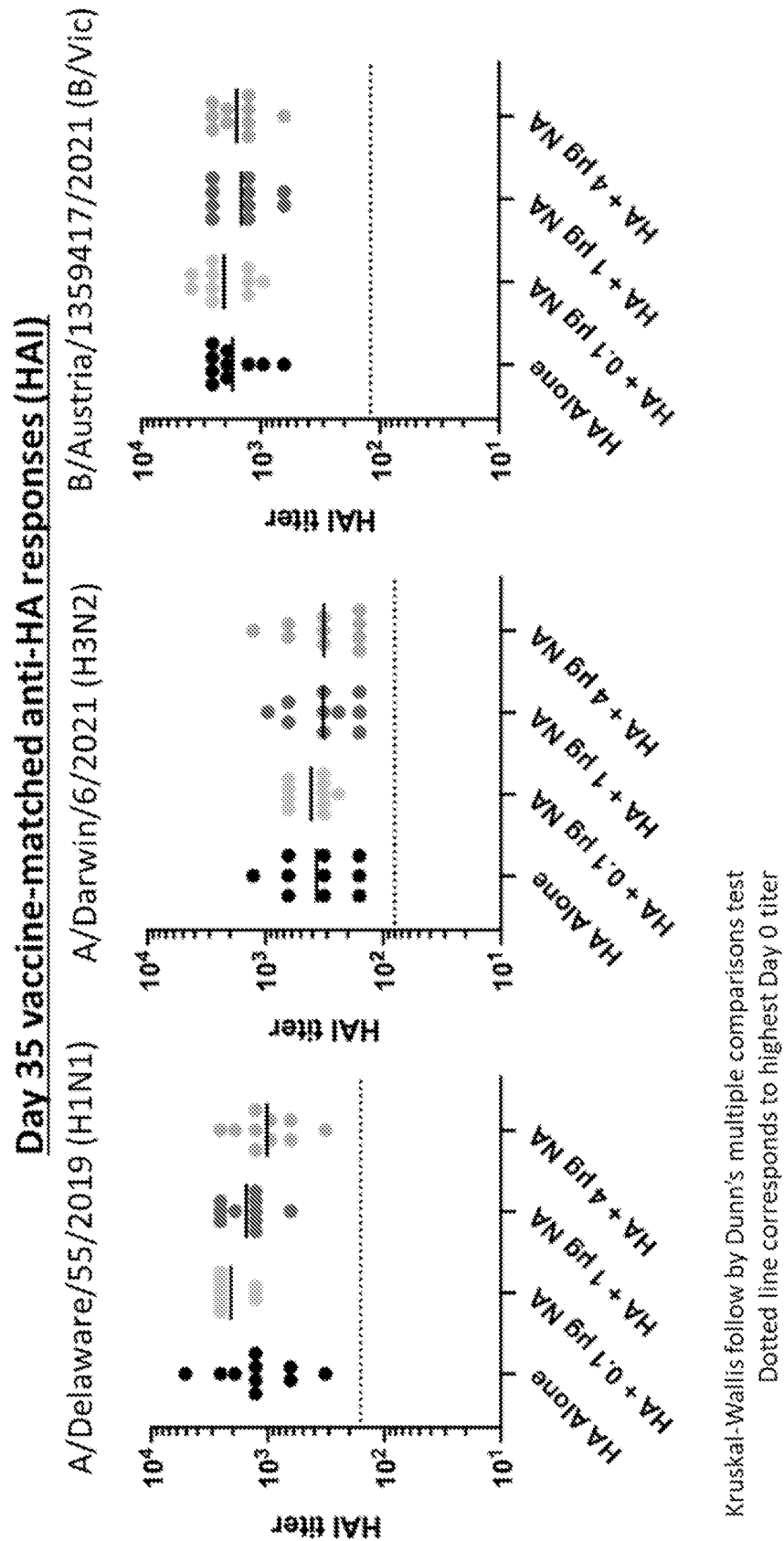


FIG. 11B

Day 35 vaccine-matched anti-N2
responses (pseudoviral ELLA)

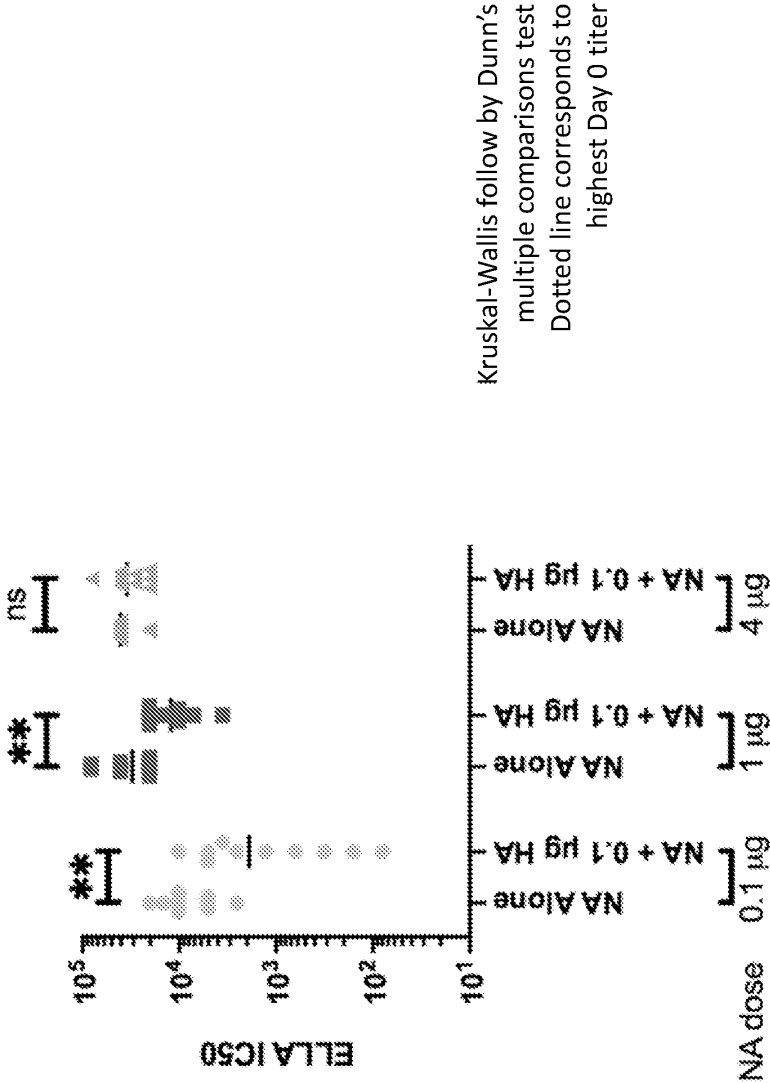


FIG. 11C