

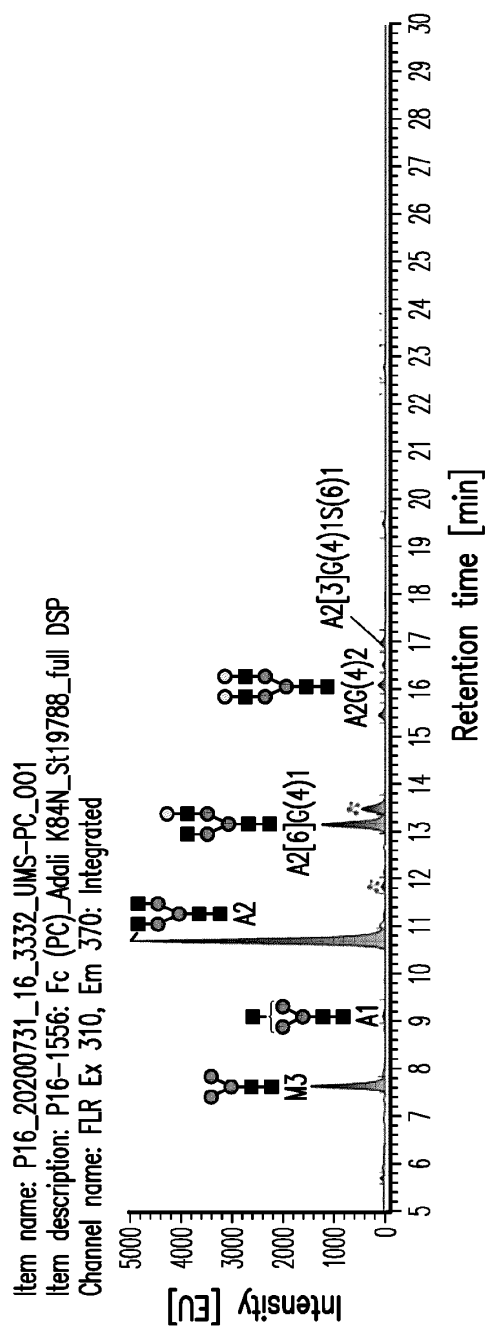
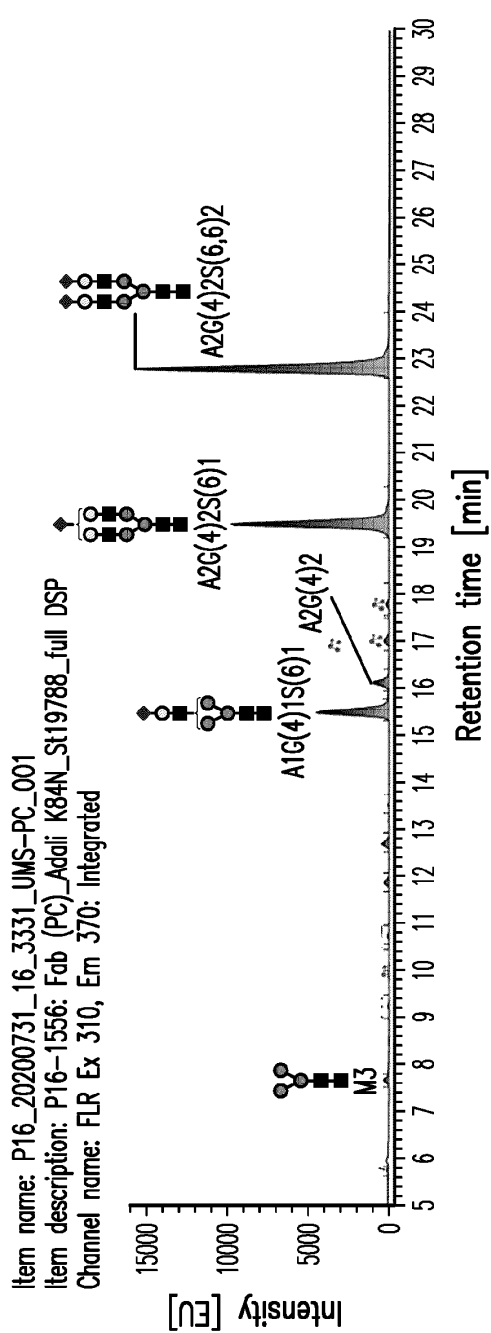
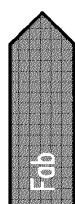
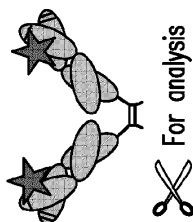


FIG. 1



Single mutant



✂ For analysis



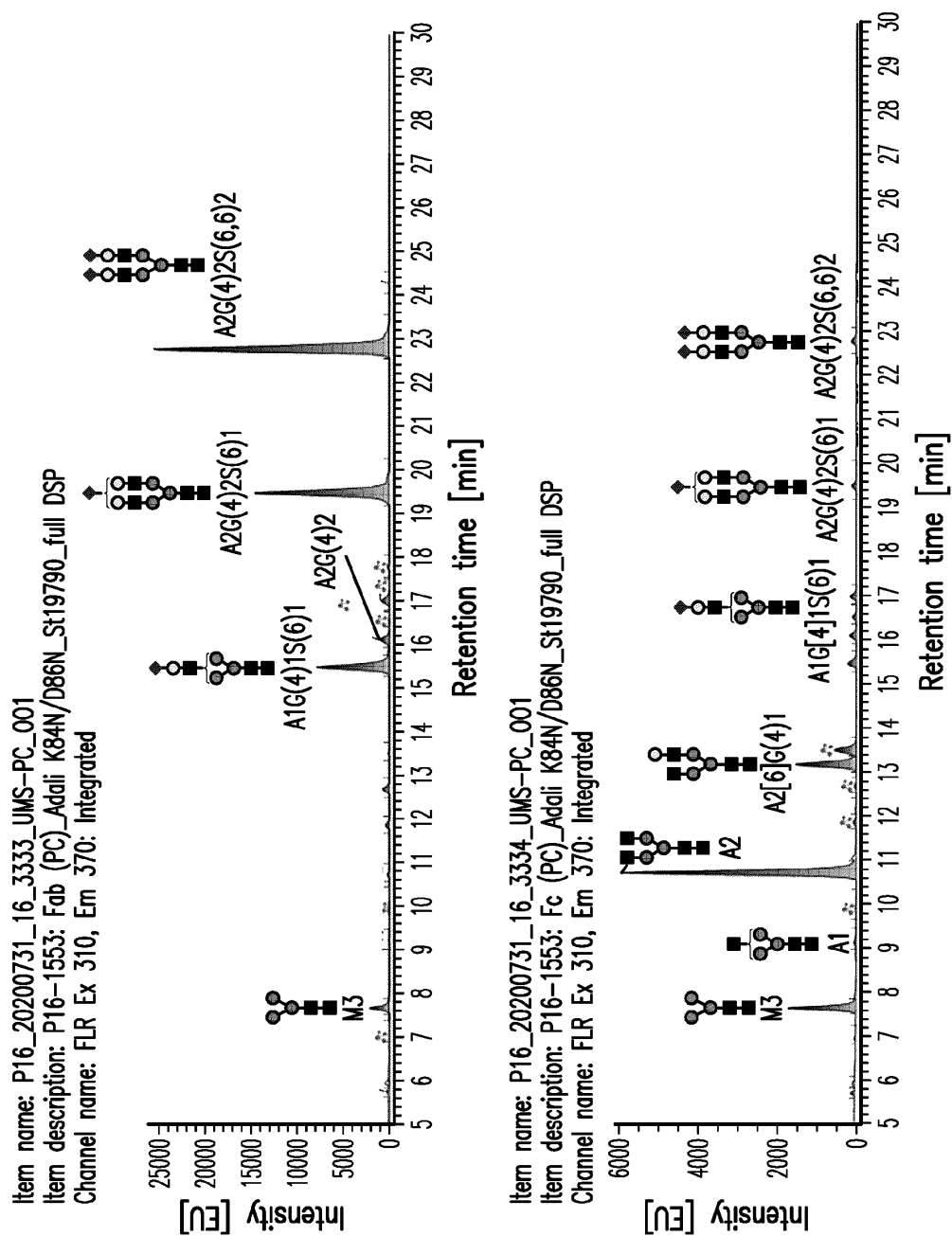
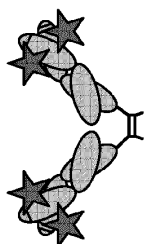


FIG. 2

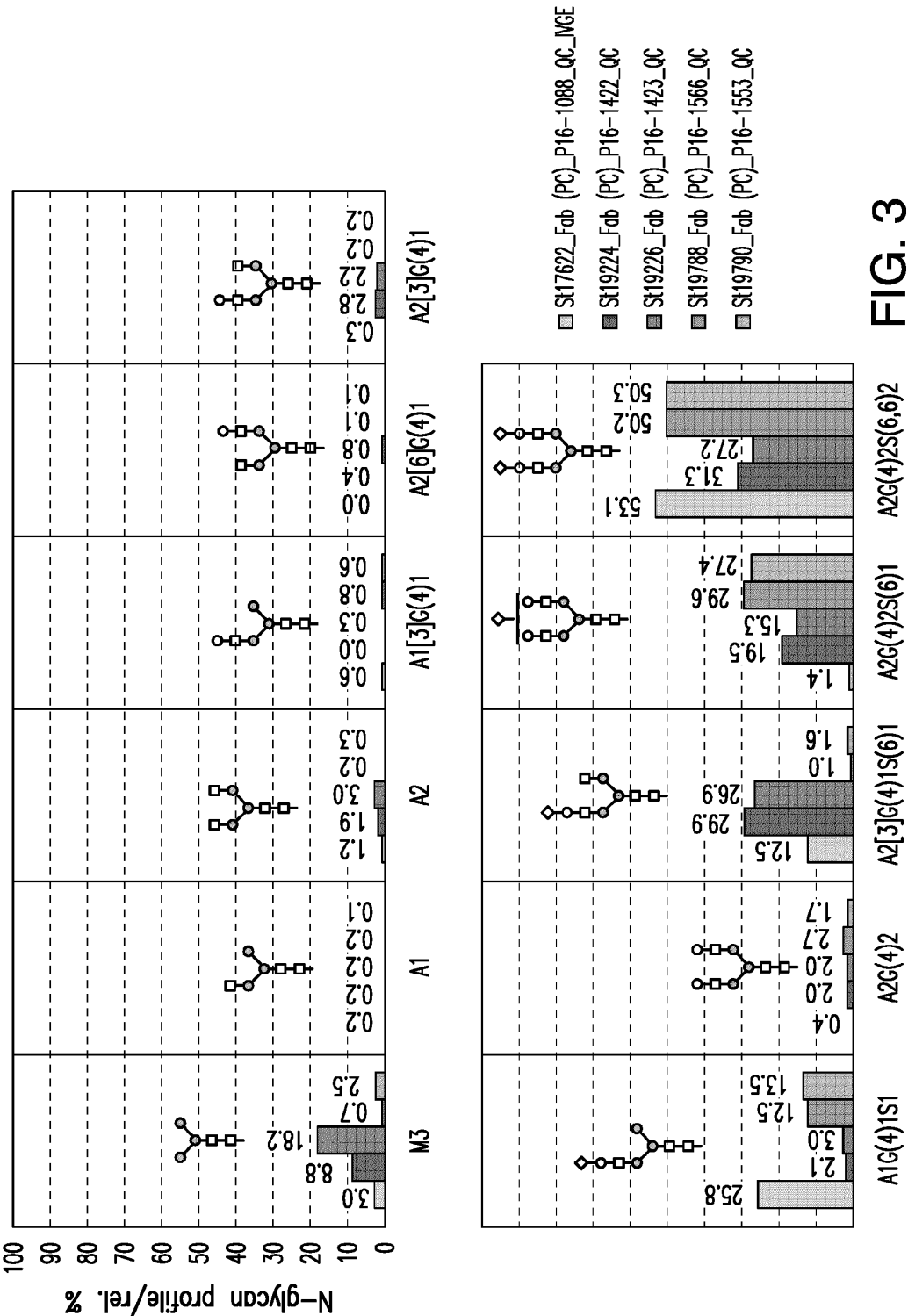


Double mutant



✂ For analysis





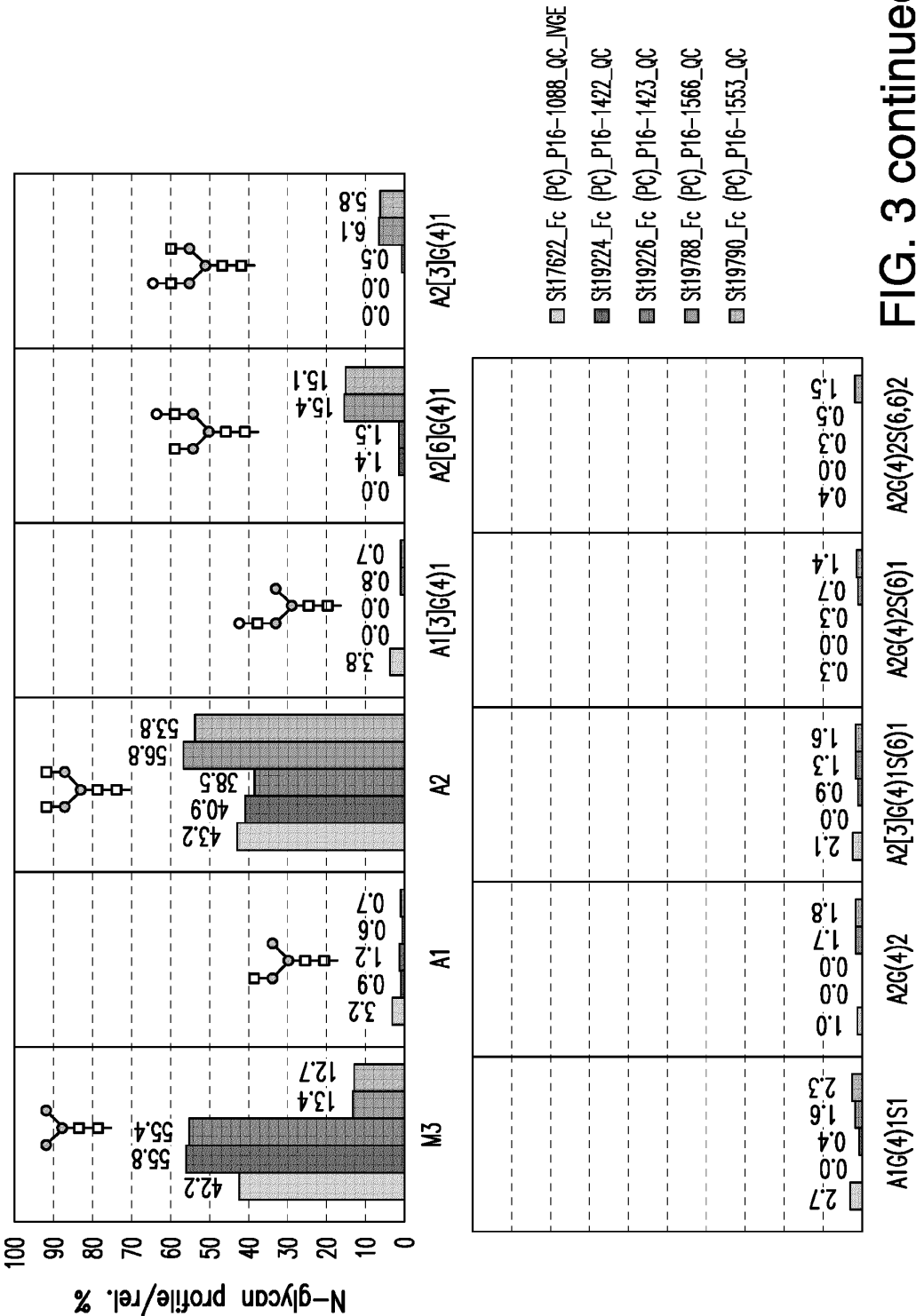


FIG. 3 continued

5/24

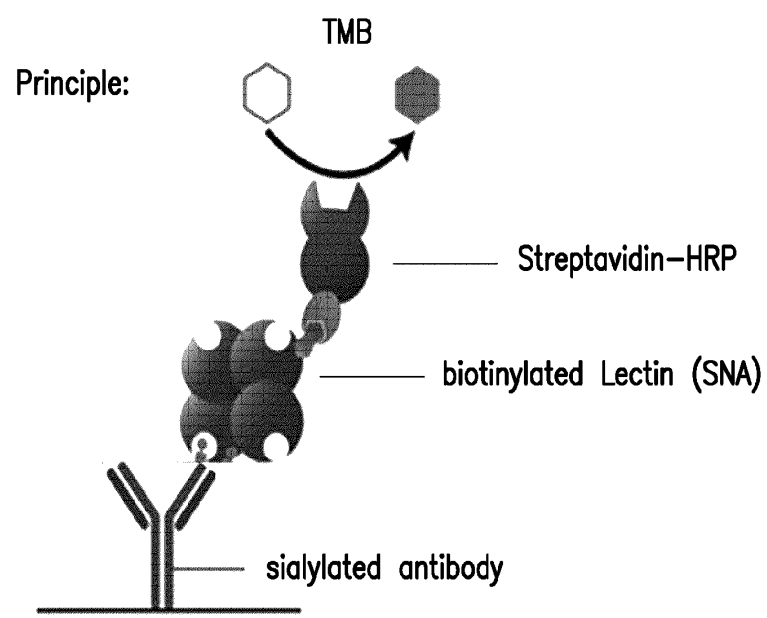


FIG. 4A

6/24

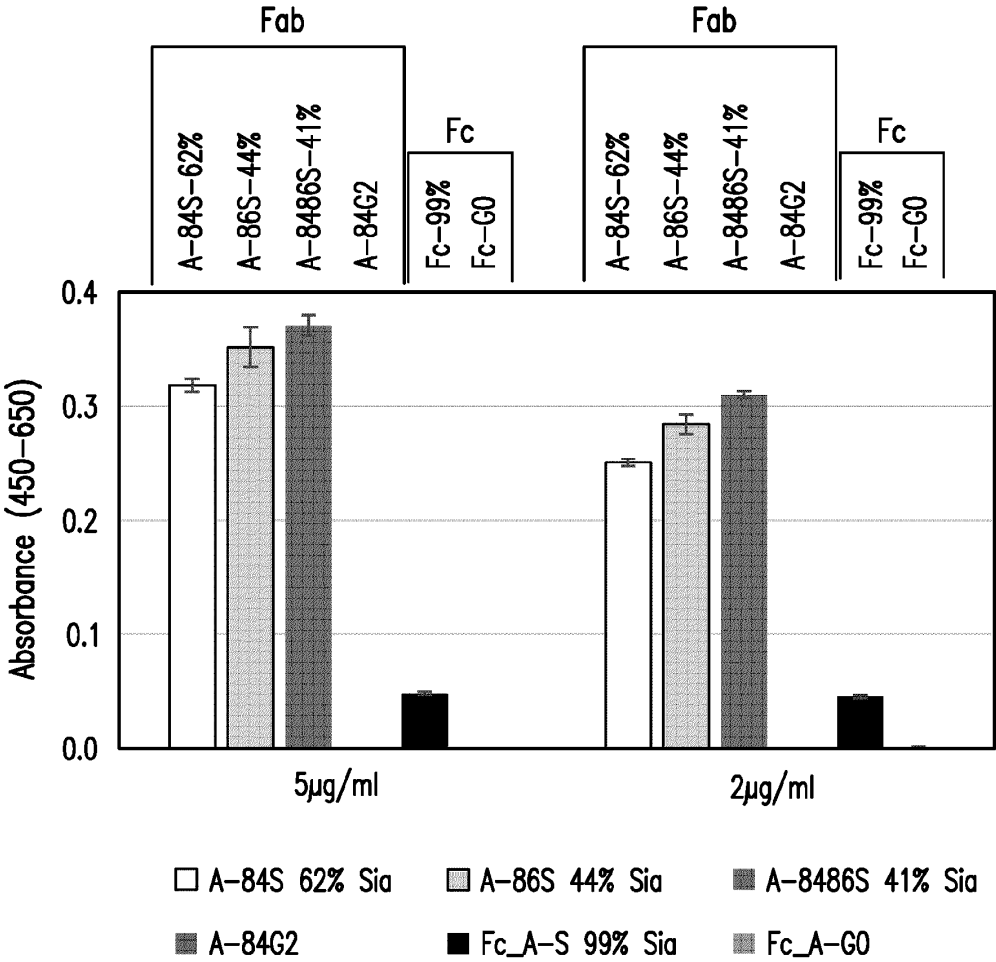
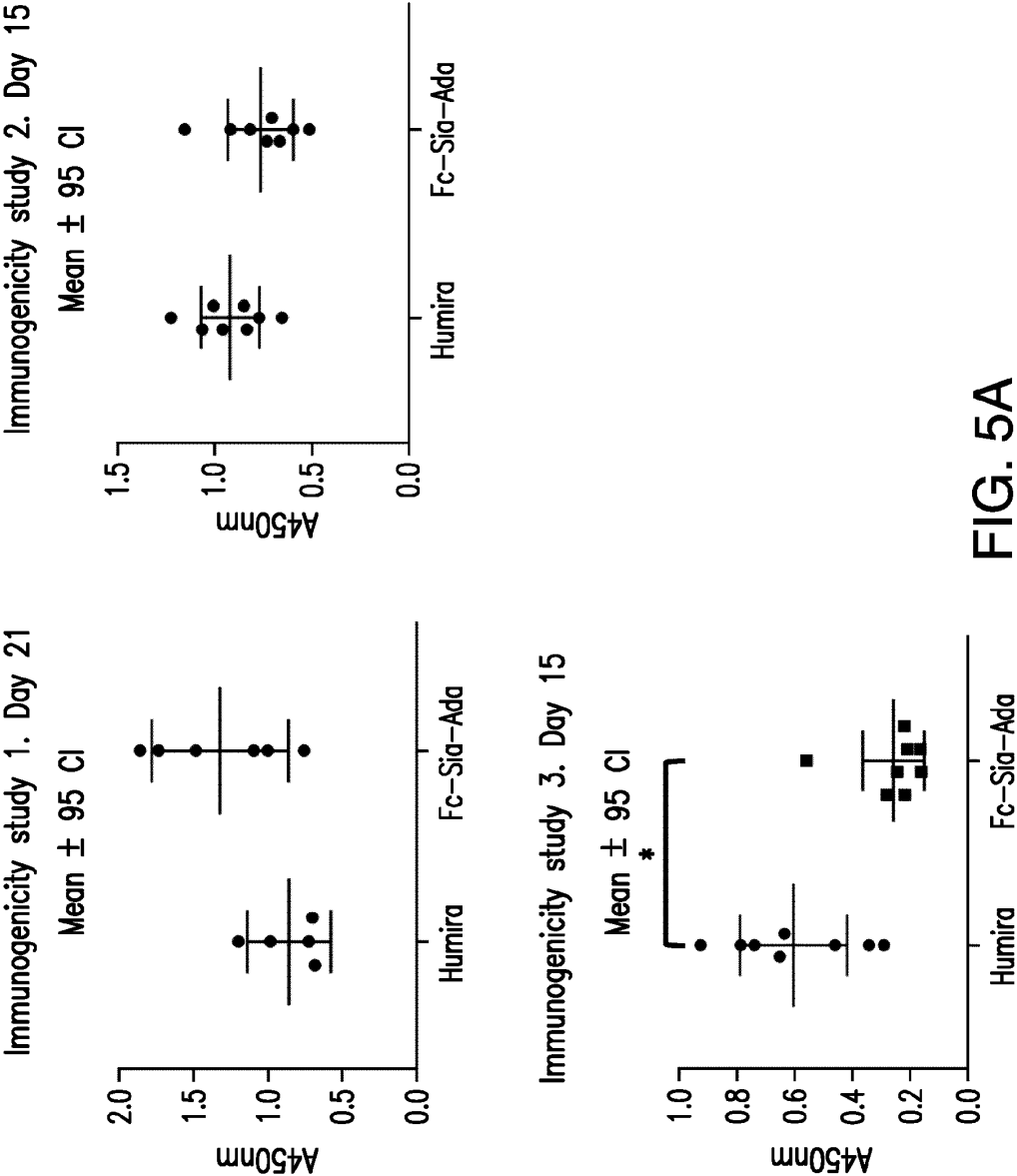


FIG. 4B



8/24

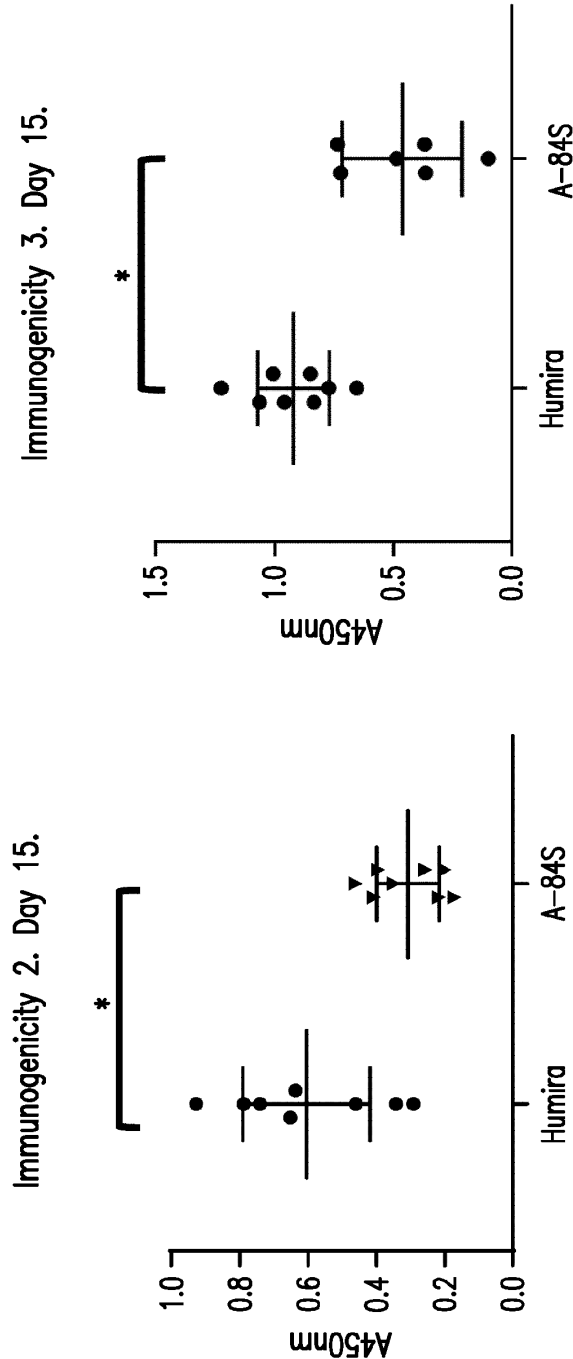
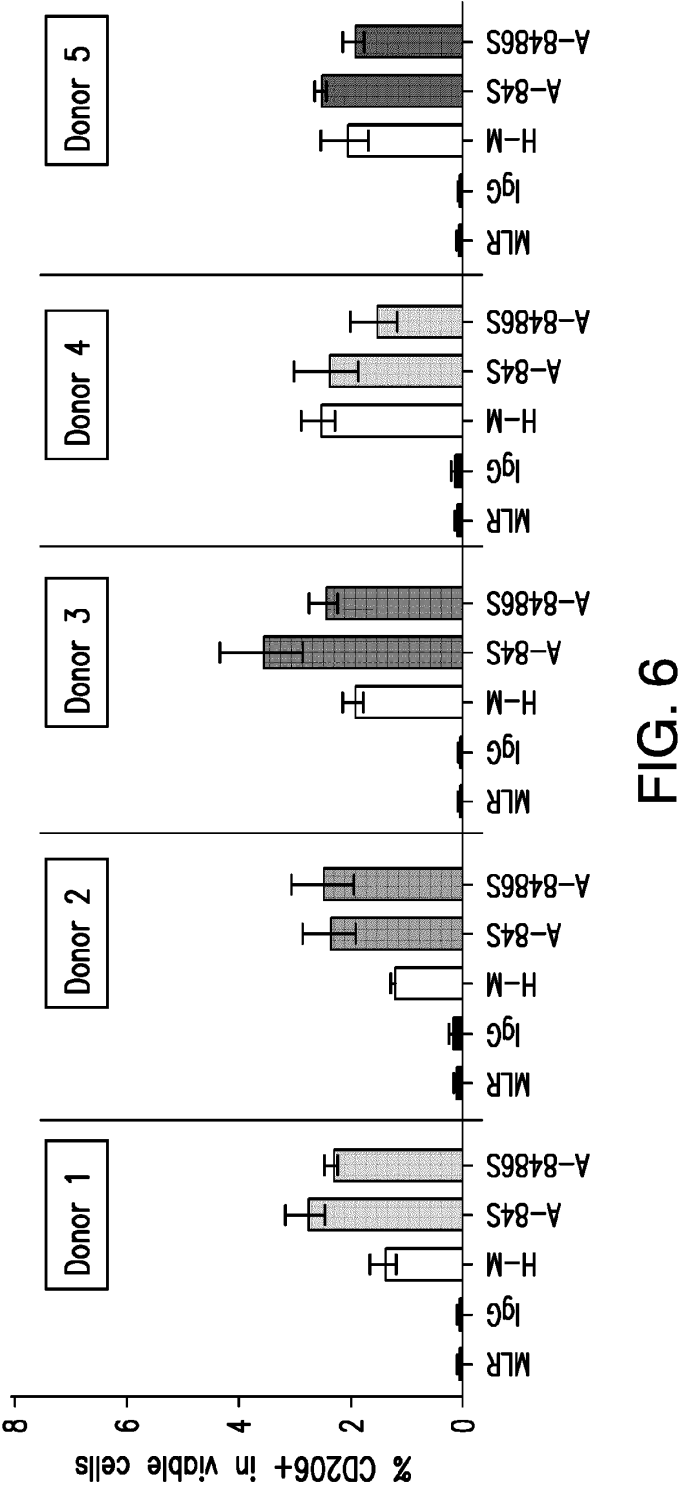


FIG. 5B

9/24



10/24

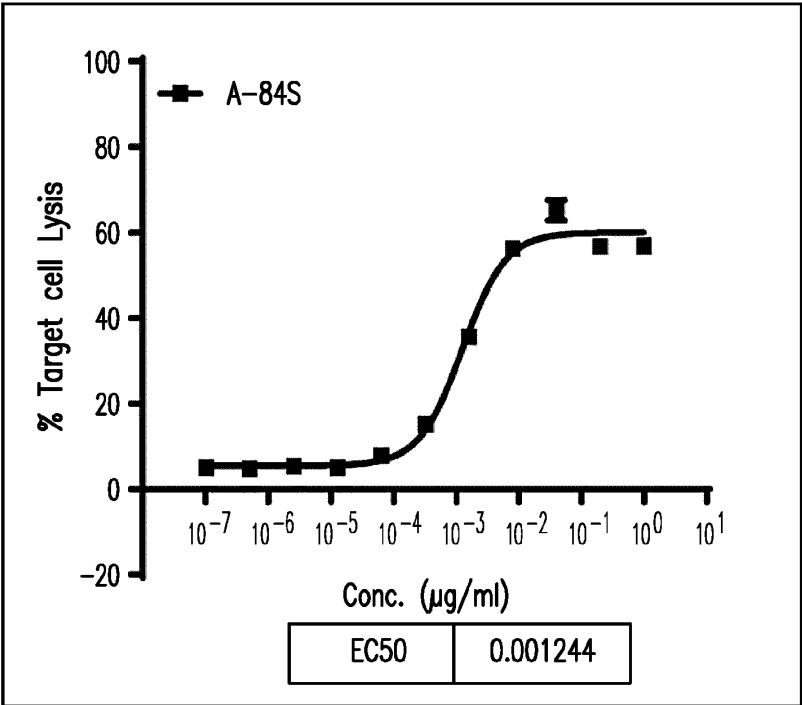
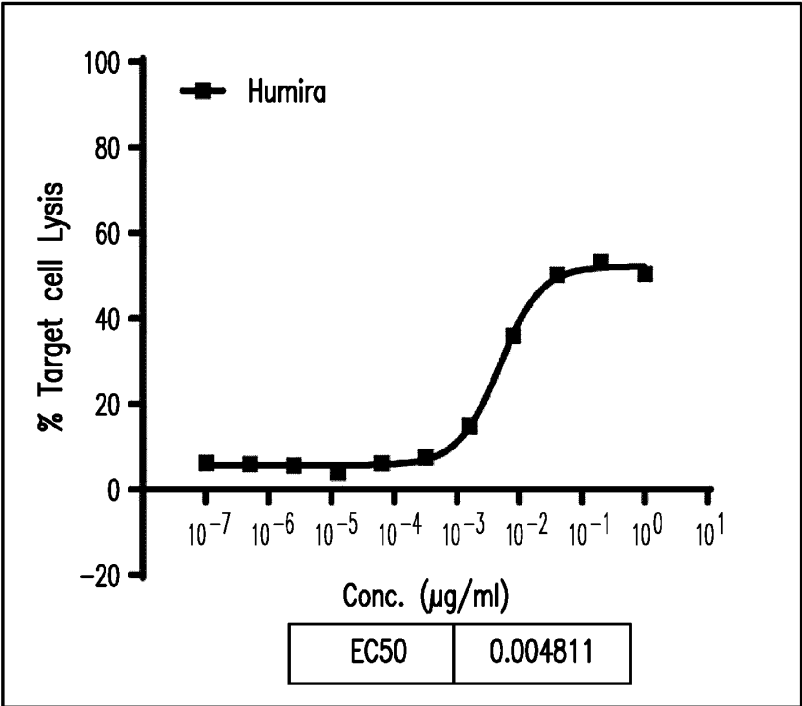


FIG. 7A

11/24

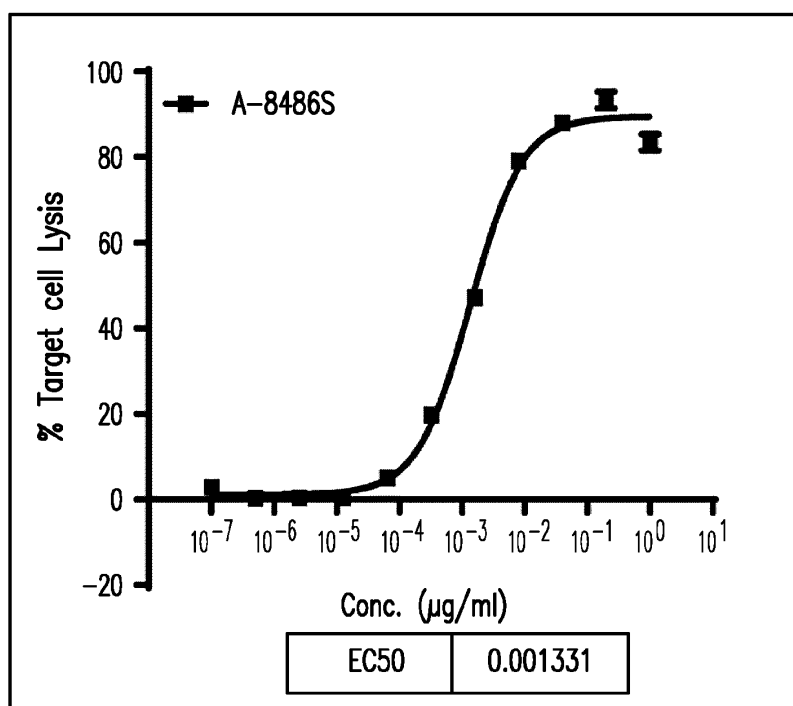
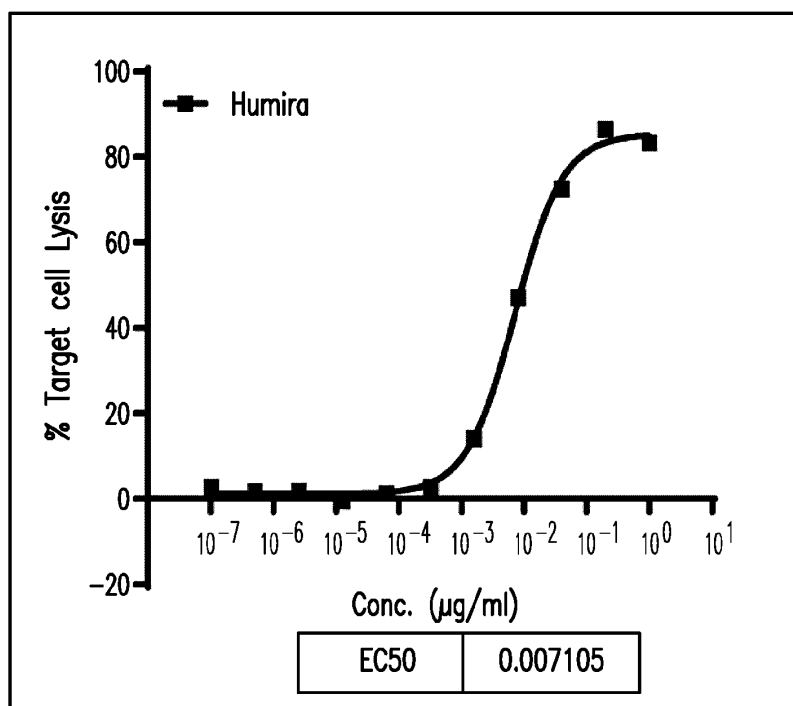


FIG. 7A continued

12/24

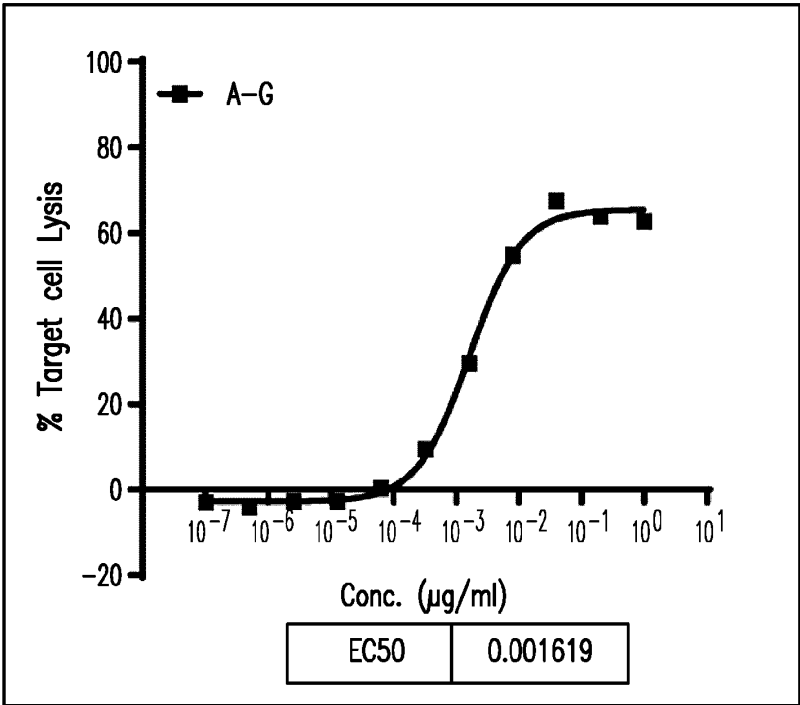
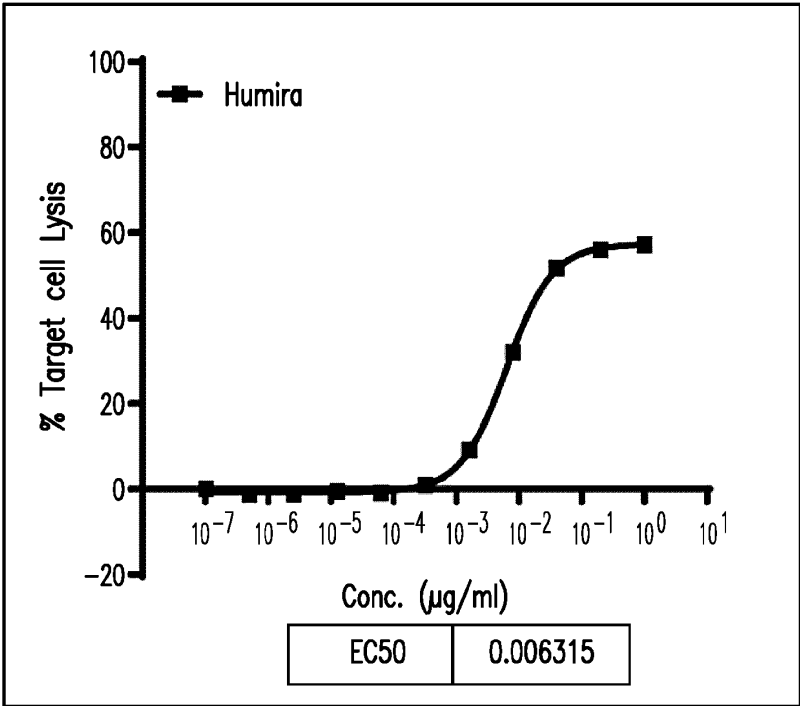


FIG. 7A continued EC50 ratio 3.9

13/24

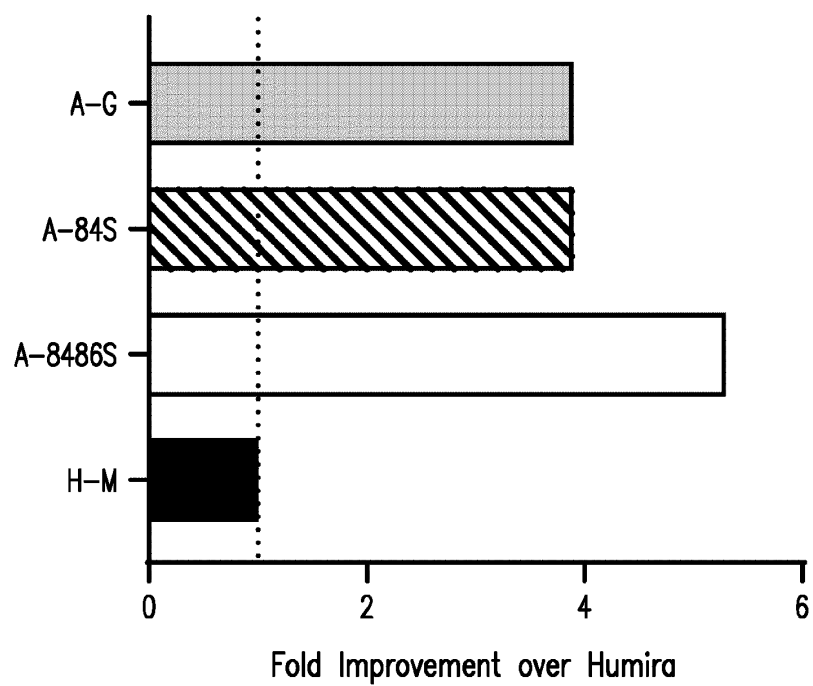


FIG. 7B

14/24

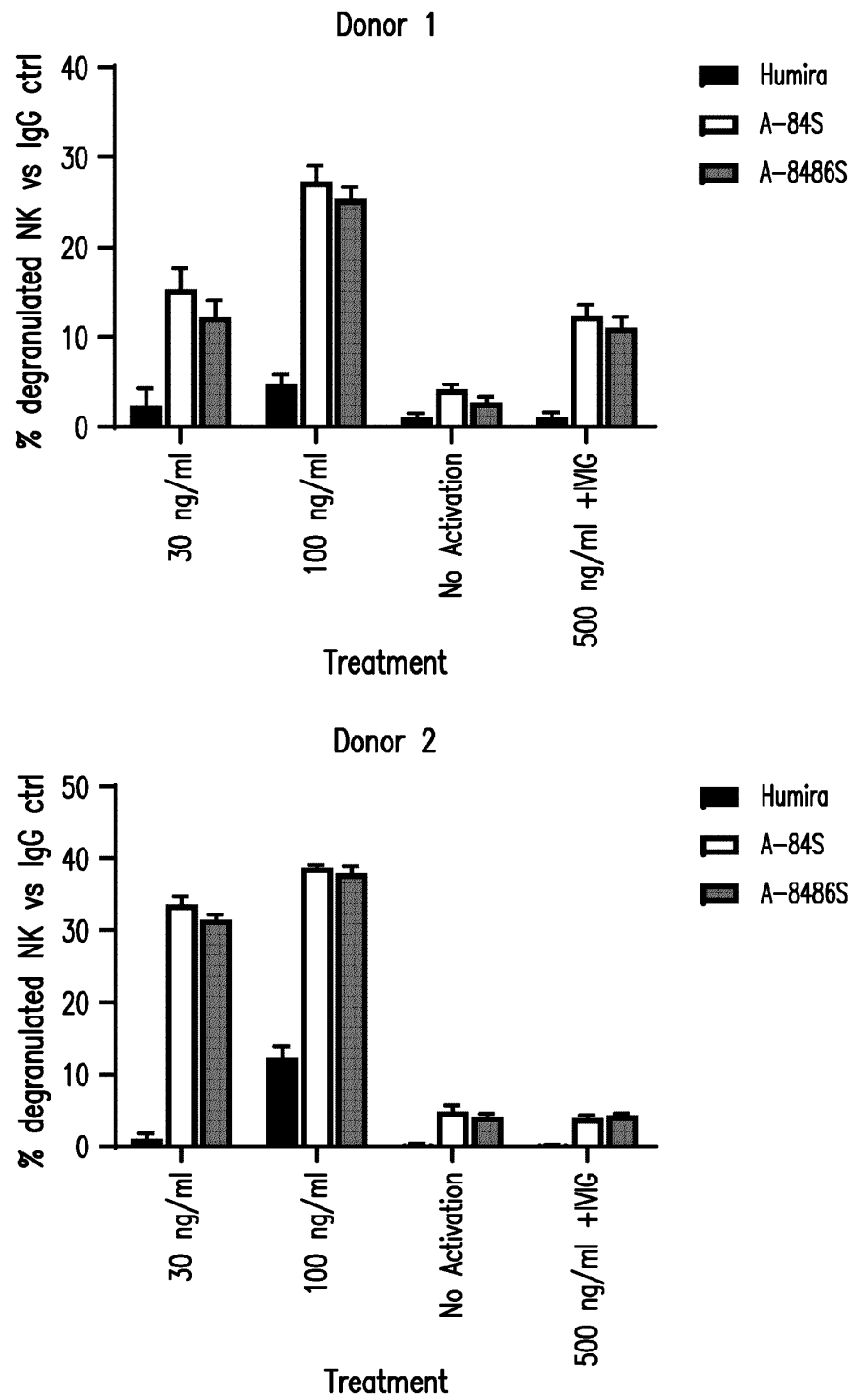


FIG. 8

15/24

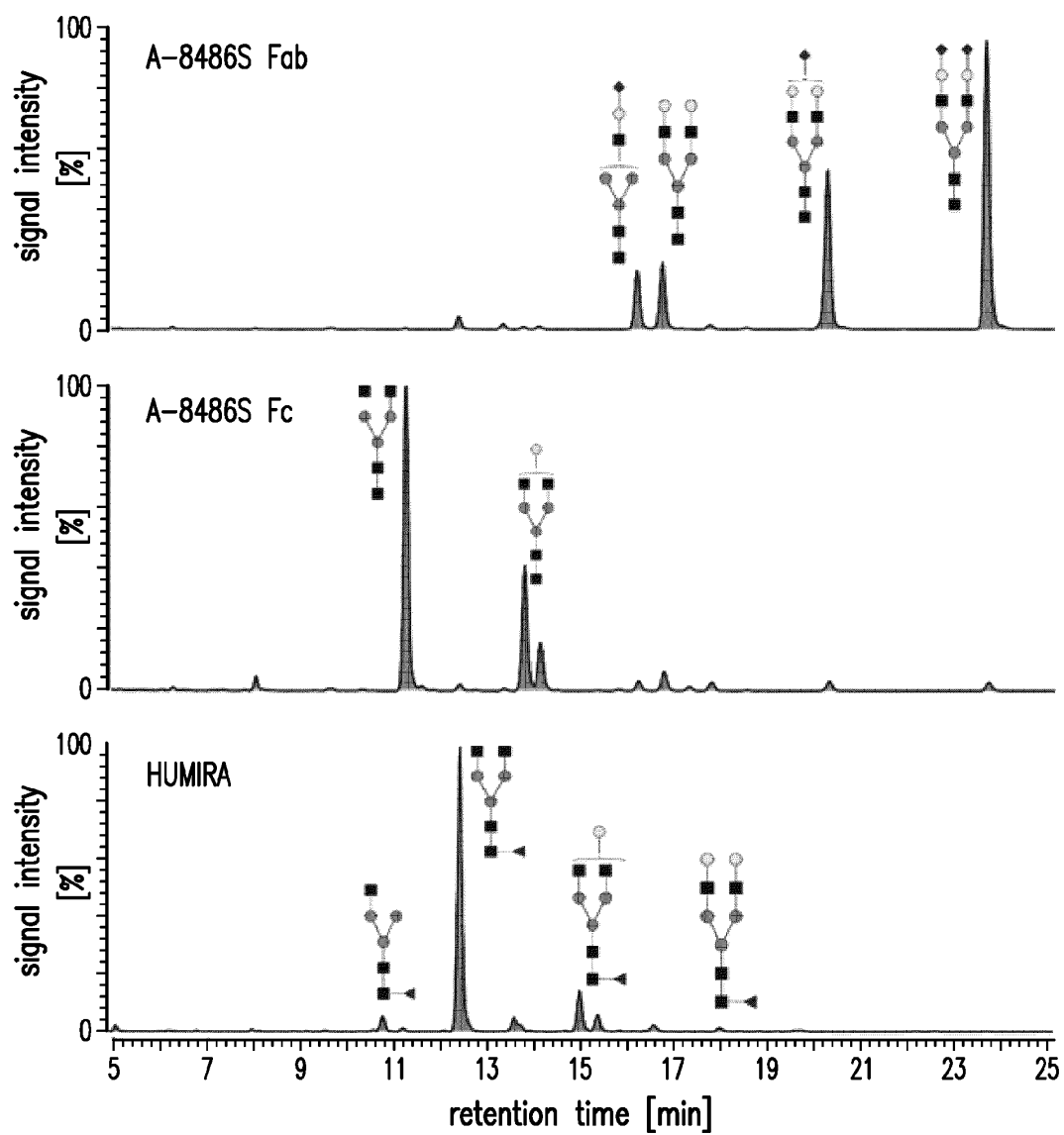


FIG. 9

16/24

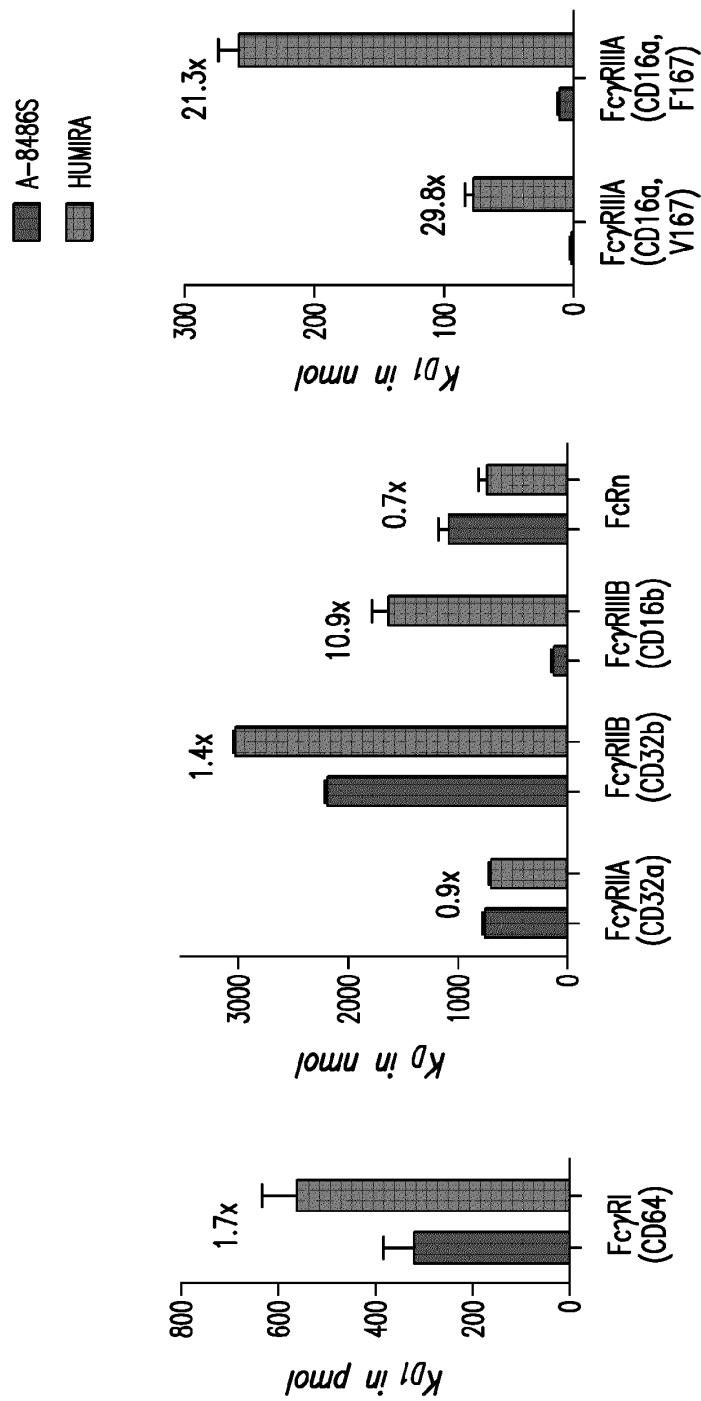


FIG. 10

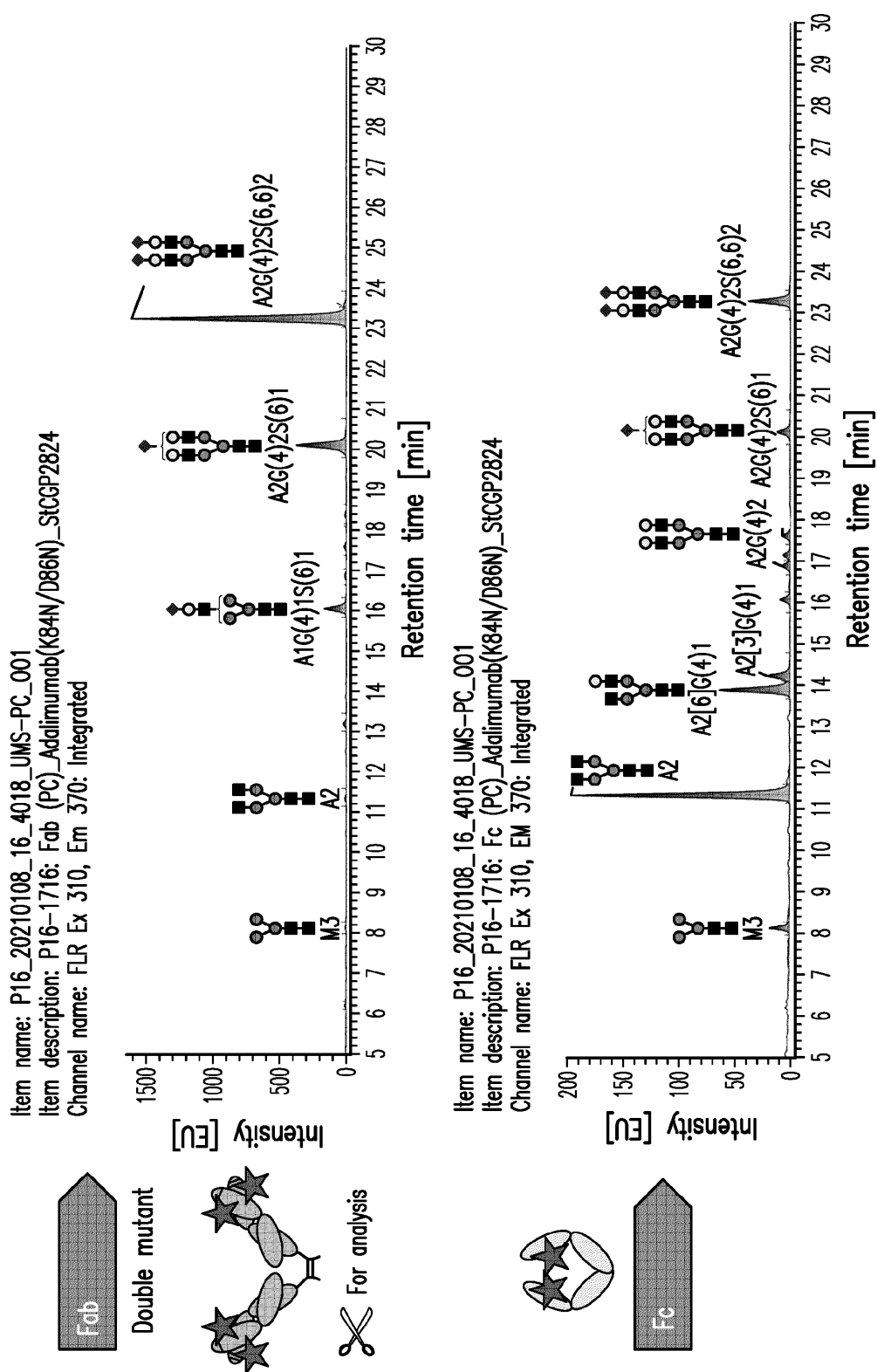
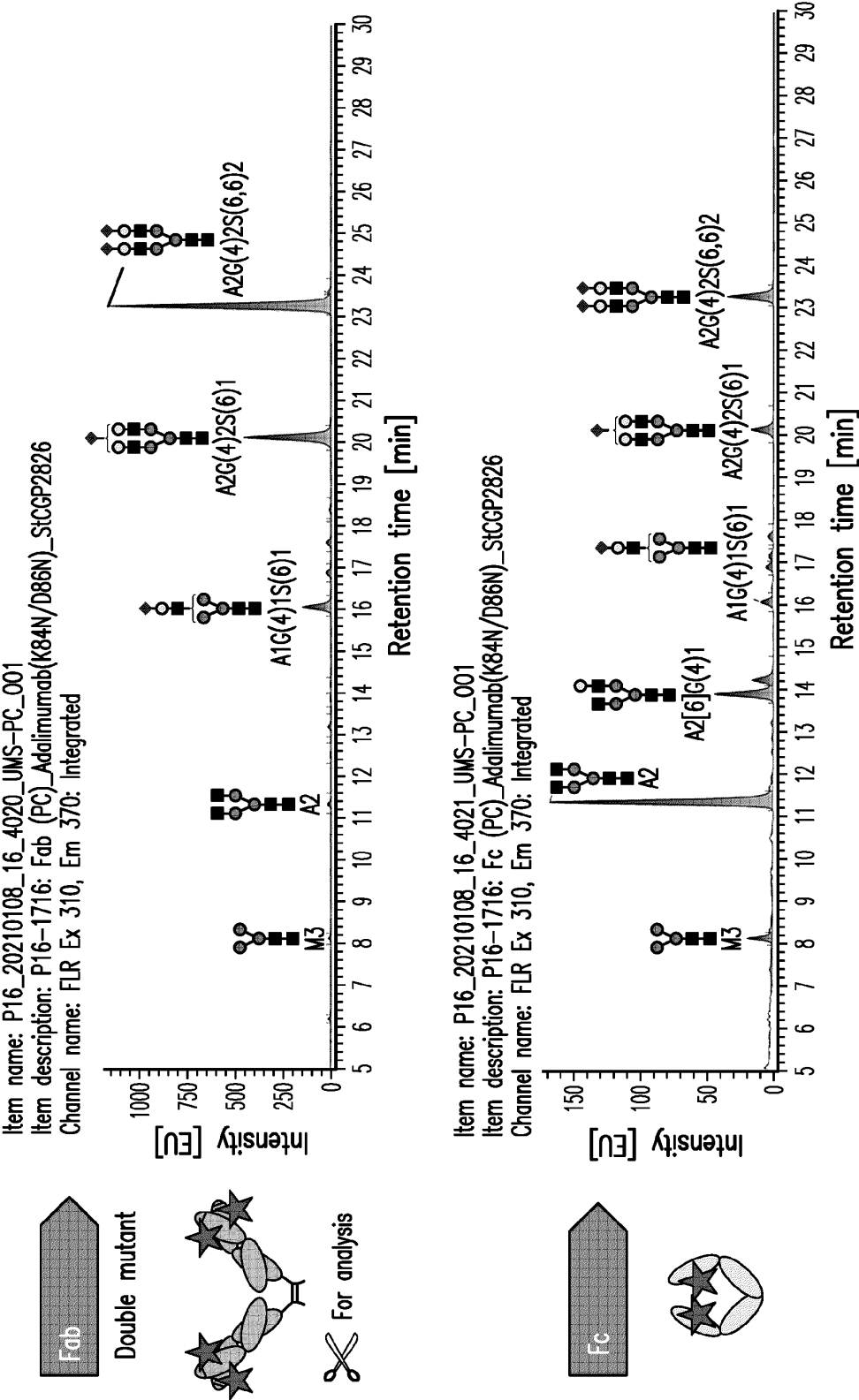


FIG. 11



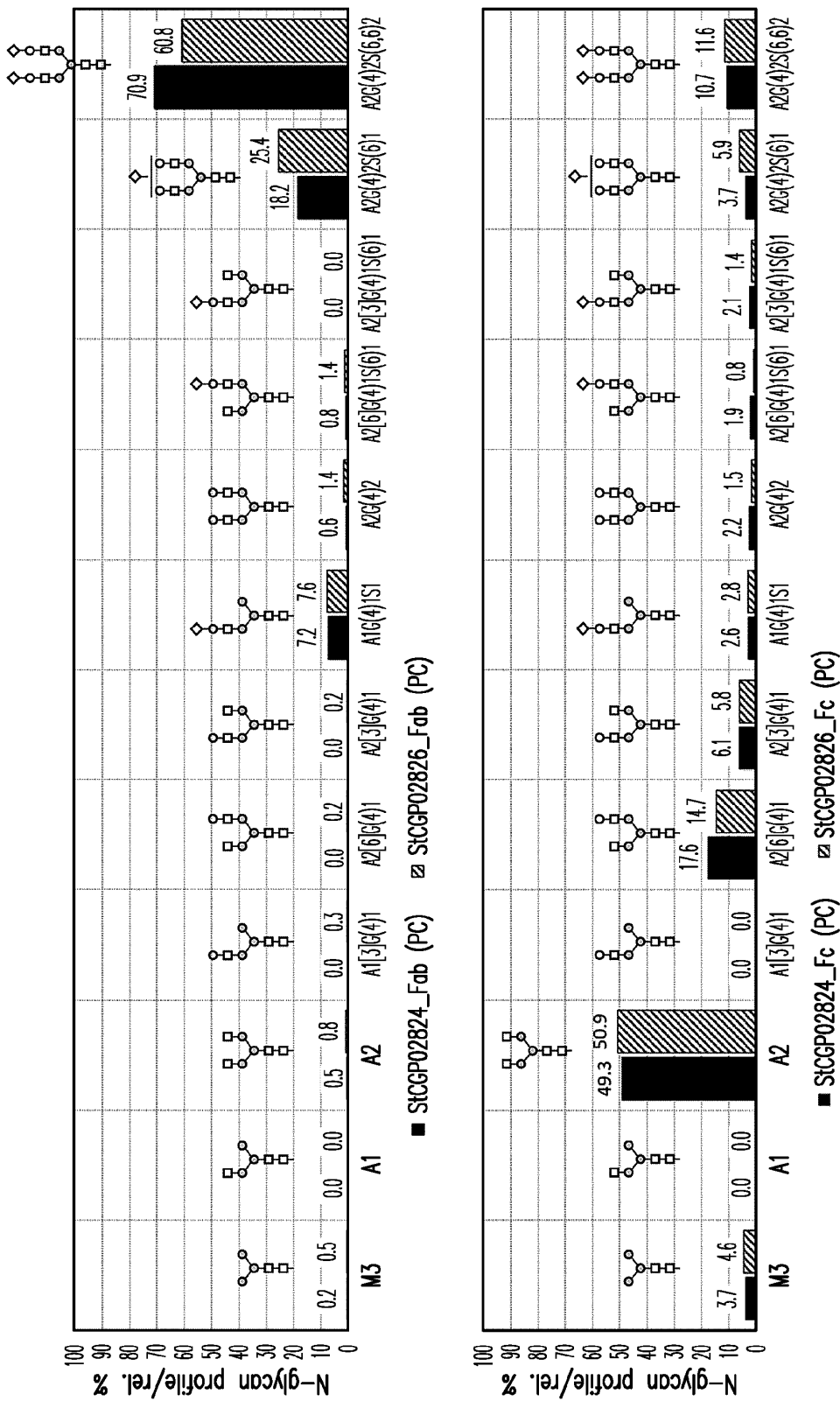


FIG. 13

20/24

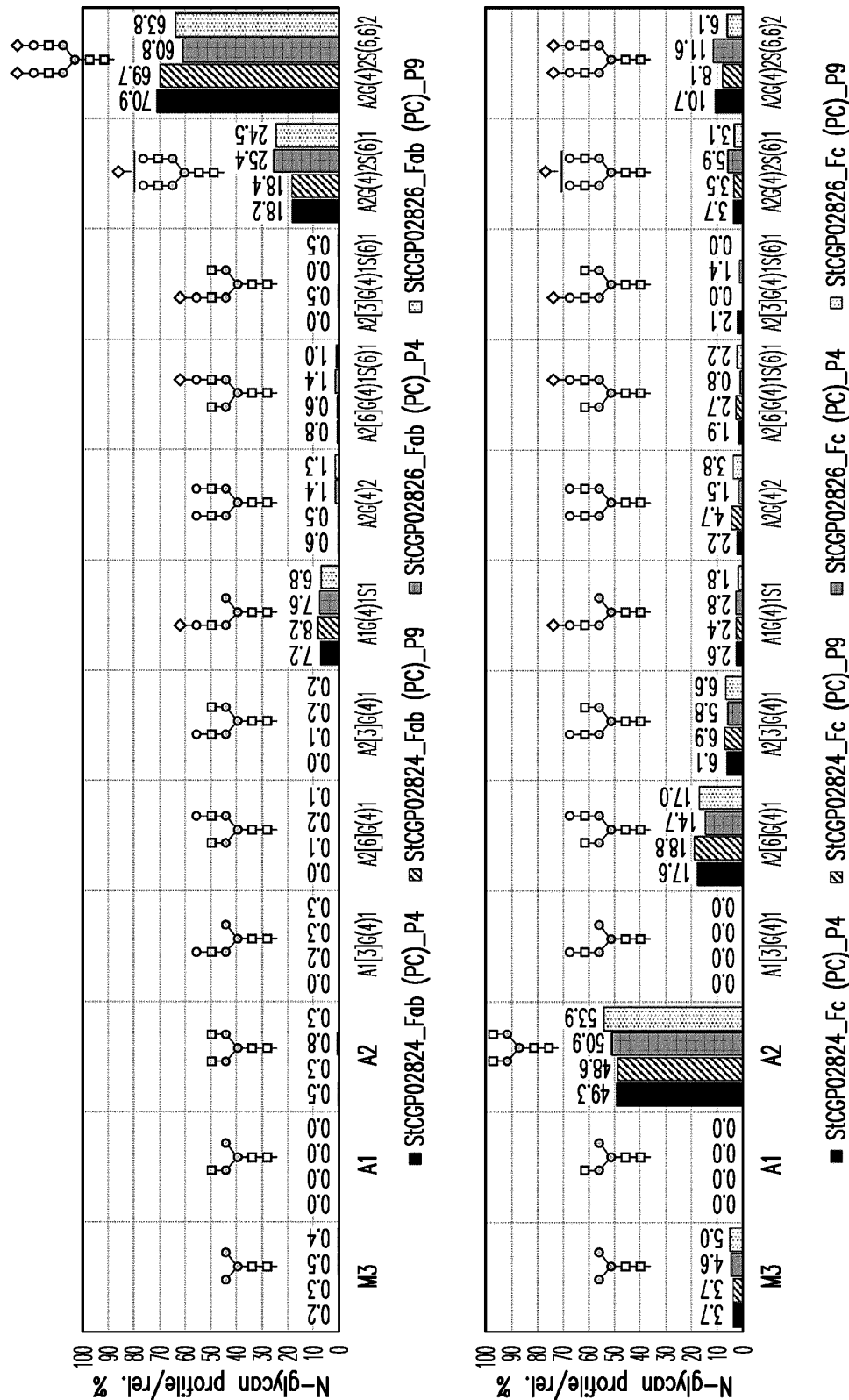


FIG. 14

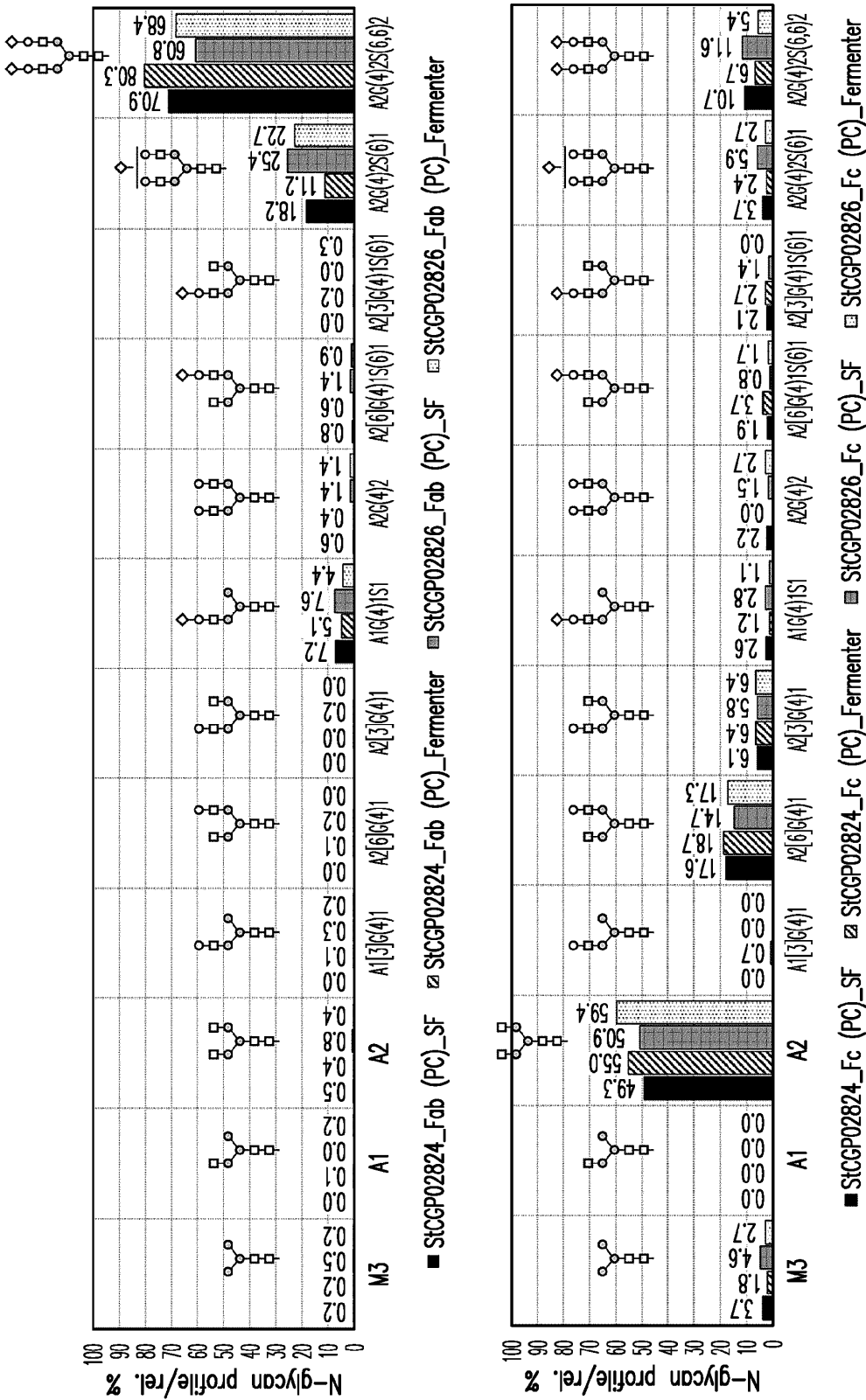


FIG. 15

22/24

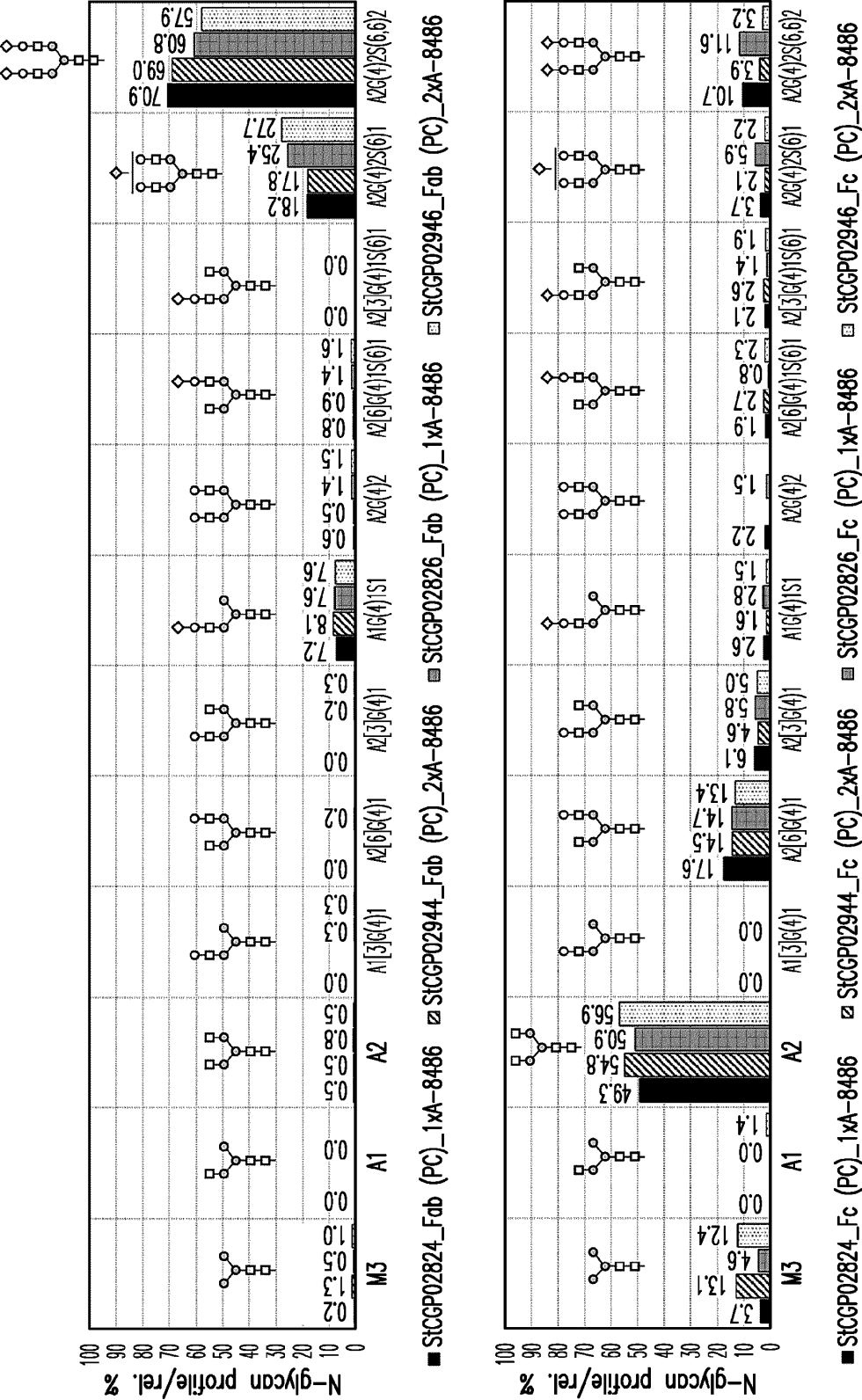


FIG. 16

23/24

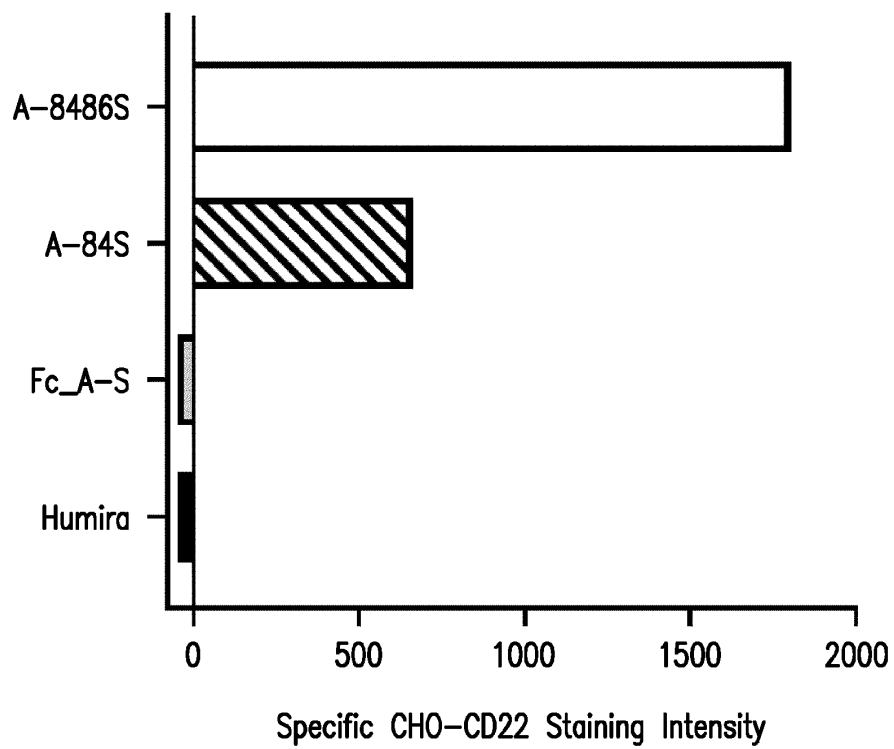


FIG. 17

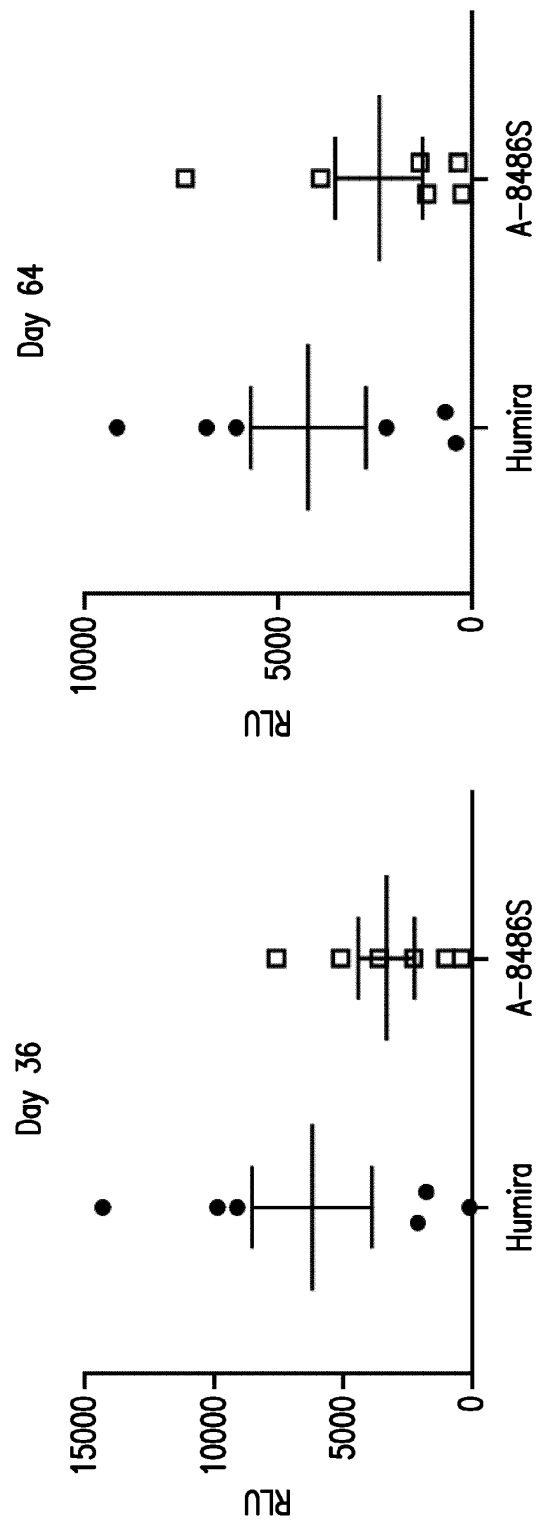


FIG. 18