

















IGHV5-51*04 IGHV6-1*01_02 26 sequences assigned 1 (3.8%) exact matches, in which: 1 unique CDR3 1133 sequences assigned 303 (26.7%) exact matches, in which: 292 unique CDR3 6 unique J 1 unique J 5 -300 4 200 Count 2 100 0 0 10 15 0 5 20 0 10 **Nucleotide Difference Nucleotide Difference** IGHV5-51*06 IGHV7-4-1*01 18 sequences assigned 2 (11.1%) exact matches, in which: 2 unique CDR3 2 unique J 35 sequences assigned 14 (40%) exact matches, in which: 14 unique CDR3 3 unique J 3 10 Count 2 5 1 0 0 0 10 15 20 0 5 10 15 **Nucleotide Difference Nucleotide Difference** IGHV5-51*07

17 sequences assigned 8 (47.1%) exact matches, in which: 8 unique CDR3

4 unique J

6 - tuno 4 - 0 - 5 - 10 - 15

Nucleotide Difference



