











IGHV5-10-1*01_03 IGHV6-1*01_02 41 sequences assigned 23 (56.1%) exact matches, in which: 22 unique CDR3 5 unique J 404 sequences assigned 255 (63.1%) exact matches, in which: 254 unique CDR3 6 unique J 20 200 15 10 100 5 0 10 15 5 20 0 10 **Nucleotide Difference** Nucleotide Difference IGHV7-4-1*02 IGHV5-51*04 244 sequences assigned 170 (69.7%) exact matches, in which: 1 sequences assigned No exact matches. 169 unique CDR3 6 unique J 1.00 -150 0.75 100 50 0.25 0.00 0

IGHV5-51*07

9.75

9.50

10.00 10.25

Nucleotide Difference

10.50

5

0

10

Nucleotide Difference

15

20

1 sequences assigned 1 (100%) exact matches, in which: 1 unique CDR3

1 unique CDR





