











IGHV5-51*01 IGHV3/OR16-15*02 467 sequences assigned 409 (87.6%) exact matches, in which: 400 unique CDR3 1 sequences assigned No exact matches. 6 unique J 1.00 -400 0.75 300 Count Count Count 200 0.25 100 0.00 0 4.50 4.75 5.00 5.25 5.50 5 20 10 15 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1*01 IGHV6-1*01 14 sequences assigned 185 sequences assigned 168 (90.8%) exact matches, in which: 165 unique CDR3 9 (64.3%) exact matches, in which: 9 unique CDR3 3 unique J 6 unique J 150 7.5 100 Count 5.0 Count 50 2.5 0 0.0 2 3 2.5 5.0 7.5 0.0 10.0 **Nucleotide Difference Nucleotide Difference**

IGHV3/OR16-12*01

1 sequences assigned No exact matches.





