

















## IGHV6-1\*01\_02 IGHV5-10-1\*01\_03 2241 sequences assigned 227 (10.1%) exact matches, in which: 6 sequences assigned 1 (16.7%) exact matches, in which: 184 unique CDR3 1 unique CDR3 1 unique J 5 unique J 400 1.00 300 0.75 Count Count 200 0.25 100 0.00 0 20 5 10 15 0 5 10 15 20 Nucleotide Difference **Nucleotide Difference** IGHV3/OR16-9\*01 IGHV5-51\*07 16 sequences assigned 2696 sequences assigned 89 (3.3%) exact matches, in which: No exact matches. 64 uniqué CDR3 5 unique J 8 600 6 400 Count <sup>4</sup> Count 200 2 0 0 5 10 15 20 0 10 11 12 **Nucleotide Difference Nucleotide Difference** IGHV5-51\*01\_03 IGHV7-4-1\*02 8528 sequences assigned 1405 (16.5%) exact matches, in which: 5178 sequences assigned 725 (14%) exact matches, in which: 587 unique CDR3 739 unique CDR3 6 unique J 6 unique J 2000 1000 1500 750 Count 1000 500 500 250 0 0 15 0 10 20 0 10 20 **Nucleotide Difference Nucleotide Difference**



