

















IGHV5-51*06 IGHV3/OR16-9*01 35 sequences assigned 3 (8.6%) exact matches, in which: 3 unique CDR3 1 sequences assigned No exact matches. 2 unique J 6 1.00 -0.75 4 Count Count Count 2 0.25 0.00 0 0.50 0.75 1.00 1.25 1.50 0 **Nucleotide Difference Nucleotide Difference** IGHV5-51*07 IGHV7-4-1*02 41 sequences assigned 1835 sequences assigned 372 (20.3%) exact matches, in which: 9 (22%) exact matches, in which: 9 unique CDR3 313 unique CDR3 4 unique J 5 unique J 500 7.5 400 Count 5.0 300 200 2.5 100 0 0.0 5 10 15 20 10 15 20 0 5 0 **Nucleotide Difference Nucleotide Difference** IGHV6-1*01_02 IGHV7-81*01 3000 sequences assigned 3 sequences assigned 142 (4.7%) exact matches, in which: 1 (33.3%) exact matches, in which: 121 ùniqué CDR3 1 unique CDR3 5 unique J 1 unique J 1.00 400 0.75 300 Count Count Count Count 0.25 100 0.00 0 0.0 2.5 7.5 5.0 5 10 15 20 Nucleotide Difference **Nucleotide Difference**



