











IGHV5-51*01 IGHV3/OR16-15*02 397 sequences assigned 294 (74.1%) exact matches, in which: 1 sequences assigned 290 unique CDR3 No exact matches. 6 unique J 1.00 -300 -0.75 200 Count 0.50 Count 100 0.25 0.00 0 4.50 4.75 5.00 5.25 5.50 0 8 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1*01 IGHV5-51*03 5 sequences assigned 5 (100%) exact matches, in which: 4 unique CDR3 172 sequences assigned 150 (87.2%) exact matches, in which: 148 unique CDR3 3 unique J 6 unique J 5 150 -100 Count 2 Count 2 50 0 0 2.5 5.0 7.5 0.0 -0.50-0.250.00 0.25 0.50 **Nucleotide Difference** Nucleotide Difference IGHV6-1*01 IGHV7-4-1*02 104 sequences assigned sequences assigned 86 (82.7%) exact matches, in which: 1 (100%) exact matches, in which: 84 unique CDR3 1 unique CDR3 5 unique J 1 unique J 1.00 75 0.75 Count 50 Count Count 25 0.25 0.00 0 -0.25 0.00 0.25 0.50 -0.50**Nucleotide Difference** Nucleotide Difference



