











IGHV5-51*01 IGHV3/OR16-12*01 931 sequences assigned 701 (75.3%) exact matches, in which: 1 sequences assigned No exact matches. 665 unique CDR3 6 unique J 1.00 -600 0.75 Count Count 400 200 0.25 0.00 0 0.50 0.75 1.00 1.25 1.50 0 5 10 15 **Nucleotide Difference Nucleotide Difference** IGHV5-51*03 IGHV3/OR16-13*01 374 sequences assigned 330 (88.2%) exact matches, in which: 1 sequences assigned No exact matches. 314 unique CDR3 5 unique J 1.00 300 0.75 Count 200 Count 0.50 100 0.25 0.00 0 0.50 0.75 1.00 1.25 1.50 2.5 5.0 7.5 0.0 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1*01 IGHV6-1*01 5 sequences assigned 5 (100%) exact matches, in which: 5 unique CDR3 376 sequences assigned 330 (87.8%) exact matches, in which: 309 unique CDR3 2 unique J 6 unique J 300 4 Count 2 200 Count 2 100 1 0 0 10 -0.250.00 0.25 0.50 -0.50**Nucleotide Difference Nucleotide Difference**



