











IGHV5-10-1*03 IGHV6-1*01 188 sequences assigned 171 (91%) exact matches, in which: 171 unique CDR3 140 sequences assigned 128 (91.4%) exact matches, in which: 128 unique CDR3 6 unique J 6 unique J 150 100 Count Count 100 50 50 0 0 2.5 5.0 7.5 0.0 2 3 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1*01 IGHV5-51*01 2 sequences assigned 307 sequences assigned 216 (70.4%) exact matches, in which: 2 (100%) exact matches, in which: 2 unique CDR3 216 unique CDR3 1 unique J 6 unique J 2.0 200 1.5 150 Count 1.0 100 0.5 50 0 0.0 10 0 -0.250.00 0.25 0.50 -0.50Nucleotide Difference **Nucleotide Difference** IGHV5-51*03 IGHV7-81*01 211 sequences assigned 191 (90.5%) exact matches, in which: sequences assigned 1 (100%) exact matches, in which: 190 unique CDR3 1 unique CDR3 5 unique J 1 unique J 200 1.00 150 0.75 Count Count Count 100 50 0.25 0.00 0 -0.25 0.00 0.25 0.50 -0.5010 15 **Nucleotide Difference Nucleotide Difference**



