











IGHV4-61*05 IGHV5-51*07_A128G 12 sequences assigned 1 (8.3%) exact matches, in which: 1 unique CDR3 1255 sequences assigned 968 (77.1%) exact matches, in which: 926 unique CDR3 1 unique J 6 unique J 3 1000 750 2 Count Count 500 250 0 0 0 5 10 15 20 10 15 **Nucleotide Difference Nucleotide Difference** IGHV6-1*01_02 IGHV4-61*08 99 sequences assigned 57 (57.6%) exact matches, in which: 57 unique CDR3 10 sequences assigned No exact matches. 4 unique J 3 40 Count 2 Count 20 0 0 2 3 4 5 0 10 15 **Nucleotide Difference** Nucleotide Difference IGHV7-4-1*01 IGHV5-10-1*01_03 15 sequences assigned 174 sequences assigned 129 (74.1%) exact matches, in which: 8 (53.3%) exact matches, in which: 8 unique CDR3 121 unique CDR3 4 unique J 5 unique J 100 6 Count 50 2 0 10 5 0 **Nucleotide Difference Nucleotide Difference**



