













IGHV4/OR15-8*01 IGHV6-1*01_02 550 sequences assigned 223 (40.5%) exact matches, in which: 220 unique CDR3 6 sequences assigned No exact matches. 6 unique J 3 200 150 100 50 0 10 15 20 19.50 19.75 20.00 20.25 20.50 **Nucleotide Difference Nucleotide Difference** IGHV5-10-1*01_03 IGHV7-4-1*02 91 sequences assigned 37 (40.7%) exact matches, in which: 37 unique CDR3 326 sequences assigned 101 (31%) exact matches, in which: 100 unique CDR3 4 unique J 5 unique J 100 30 75 Count Count 50 25 0 0 5 10 15 20 0 10 0 15 20 Nucleotide Difference Nucleotide Difference IGHV5-51*07_A128G 677 sequences assigned 261 (38.6%) exact matches, in which: 259 unique CDR3

6 unique J





