











IGHV4-61*01 IGHV5-51*01_C45G 65 sequences assigned 61 (93.8%) exact matches, in which: 351 sequences assigned 331 (94.3%) exact matches, in which: 329 unique CDR3 61 unique CDR3 5 unique J 6 unique J 300 40 200 Count Count 20 100 0 0 2 0 0 2 **Nucleotide Difference** Nucleotide Difference IGHV5-10-1*03 IGHV6-1*01 241 sequences assigned 231 (95.9%) exact matches, in which: 230 unique CDR3 314 sequences assigned 290 (92.4%) exact matches, in which: 288 unique CDR3 6 unique J 6 unique J 300 200 200 150 Count 100 100 50 0 0 5 10 15 0 0 **Nucleotide Difference** Nucleotide Difference IGHV5-51*01

335 sequences assigned 313 (93.4%) exact matches, in which: 313 unique CDR3 6 unique J





