









IGHV5-51*03 IGHV4-61*03 417 sequences assigned 80 (19.2%) exact matches, in which: 1 sequences assigned No exact matches. 79 unique CDR3 5 unique J 1.00 -80 0.75 60 Count Count 40 0.25 20 0.00 0 7.25 6.50 6.75 7.00 7.50 0 5 10 20 **Nucleotide Difference** Nucleotide Difference IGHV6-1*01 IGHV5-10-1*03 178 sequences assigned 31 (17.4%) exact matches, in which: 31 unique CDR3 5 unique J 537 sequences assigned 119 (22.2%) exact matches, in which: 118 unique CDR3 5 unique J 30 100 20 75 Count Count 50 10 25 0 0 5 10 15 20 0 0 5 10 15 20 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1*02 IGHV5-51*01 174 sequences assigned 175 sequences assigned 35 (20.1%) exact matches, in which: No exact matches. 34 unique CDR3 5 unique J 30 30 20 Count Count Count 10 10

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