











IGHV6-1*01 IGHV5-10-1*03 89 sequences assigned 82 (92.1%) exact matches, in which: 100 sequences assigned 97 (97%) exact matches, in which: 97 unique CDR3 82 unique CDR3 6 unique J 5 unique J 100 -80 75 60 Count 40 Count 50 25 20 0 0 **Nucleotide Difference** Nucleotide Difference IGHV5-51*01 IGHV7-4-1*02 199 sequences assigned 182 (91.5%) exact matches, in which: 236 sequences assigned 179 (75.8%) exact matches, in which: 179 unique CDR3 182 unique CDR3 6 unique J 6 unique J 150 150 Count 100 100 50 50 0 0 0 5 15 5 15 0 **Nucleotide Difference** Nucleotide Difference

IGHV5-51*03

152 sequences assigned 140 (92.1%) exact matches, in which: 140 unique CDR3 4 unique J





