











## IGHV5-10-1\*03 IGHV6-1\*01 386 sequences assigned 336 (87%) exact matches, in which: 325 unique CDR3 225 sequences assigned 195 (86.7%) exact matches, in which: 189 unique CDR3 5 unique J 6 unique J 200 -300 150 200 Count 100 100 50 0 0 2 10 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1\*01 IGHV5-51\*01 6 sequences assigned 5 (83.3%) exact matches, in which: 5 unique CDR3 1112 sequences assigned 823 (74%) exact matches, in which: 795 unique CDR3 2 unique J 6 unique J 5 800 4 600 Count 2 Count Count 2 200 1 0 0 10 15 0 0 2 **Nucleotide Difference Nucleotide Difference** IGHV5-51\*03

398 sequences assigned 339 (85.2%) exact matches, in which: 325 unique CDR3 6 unique J





