













## IGHV4-61\*02 IGHV5-51\*01\_03 80 sequences assigned 3 (3.8%) exact matches, in which: 3 unique CDR3 2 unique J 34 sequences assigned No exact matches. 8 3 6 Count 2 Count 4 1 2 0 5 10 15 20 10 15 20 **Nucleotide Difference Nucleotide Difference** IGHV6-1\*01\_02 IGHV5-10-1\*01\_03 49 sequences assigned 6 sequences assigned No exact matches. No exact matches. 1.00 -6 0.75 Count 0.50 2 0.25 0.00 0 5 5 10 15 20 Nucleotide Difference **Nucleotide Difference** IGHV5-51\*07 13 sequences assigned No exact matches.



