















## IGHV4-61\*02 IGHV6-1\*01\_02 185 sequences assigned 109 sequences assigned No exact matches. No exact matches. 10.0 -15 7.5 Count 5.0 5 2.5 0.0 20 10 15 5 10 15 20 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1\*02 IGHV5-51\*07 38 sequences assigned 19 sequences assigned No exact matches. No exact matches. 6 2.0 1.5 Count Count 2 0.5 0.0 10 20 15 5 10 15 20 **Nucleotide Difference Nucleotide Difference**







