









## IGHV4-39\*01 IGHV5-51\*01 53 sequences assigned 16 (30.2%) exact matches, in which: 16 unique CDR3 91 sequences assigned 31 (34.1%) exact matches, in which: 31 unique CDR3 6 unique J 4 unique J 30 15 20 Count Count 10 5 0 0 0 10 20 0 5 10 15 Nucleotide Difference Nucleotide Difference IGHV6-1\*01 IGHV4-59\*01 40 sequences assigned 11 (27.5%) exact matches, in which: 11 unique CDR3 8 sequences assigned 4 (50%) exact matches, in which: 4 unique CDR3 4 unique J 2 unique J 9 3 Count 9 Count 2 3 1 0 0 0 5 10 15 0.0 2.5 5.0 7.5 10.0 **Nucleotide Difference Nucleotide Difference** IGHV4-61\*01 IGHV7-4-1\*02 17 sequences assigned 4 (23.5%) exact matches, in which: 4 unique LDR3 22 sequences assigned 7 (31.8%) exact matches, in which: 7 unique CDR3 3 unique J 4 unique J 6 3 Count 2 2 1 0 0 0 10 15 0 5 10 **Nucleotide Difference Nucleotide Difference**



## Sequence Count by IGHJ6 allele usage



