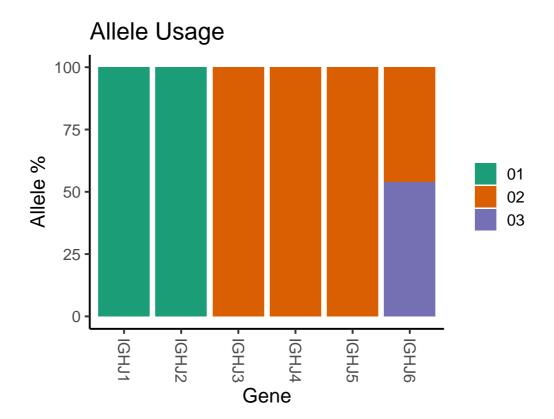


## IGHV4-61\*01 IGHV5-51\*01\_03 279 sequences assigned 137 (49.1%) exact matches, in which: 2 sequences assigned 1 (50%) exact matches, in which: 137 unique CDR3 unique CDR3 5 unique J 1 unique J 1.00 0.75 100 Count Count Count 50 0.25 0.00 Ö 5 10 15 20 **Nucleotide Difference Nucleotide Difference** IGHV6-1\*01\_02 IGHV4-61\*02 221 sequences assigned 79 (35.7%) exact matches, in which: 79 unique CDR3 7 unique J 303 sequences assigned 147 (48.5%) exact matches, in which: 145 unique CDR3 6 unique J 80 150 -60 100 Count 40 50 20 0 0 5 10 15 20 0 0 10 15 20 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1\*01 IGHV4/OR15-8\*02 sequences assigned 1 sequences assigned 1 (100%) exact matches, in which: No exact matches. 1 unique CDR3 1 unique J 1.00 1.00 0.75 0.75 Count Count Count 0.25 0.25 0.00 0.00 13.50 13.75 14.00 14.25 14.50 -0.25 0.00 0.25 0.50 -0.50**Nucleotide Difference Nucleotide Difference**



## Sequence Count by IGHJ6 allele usage



