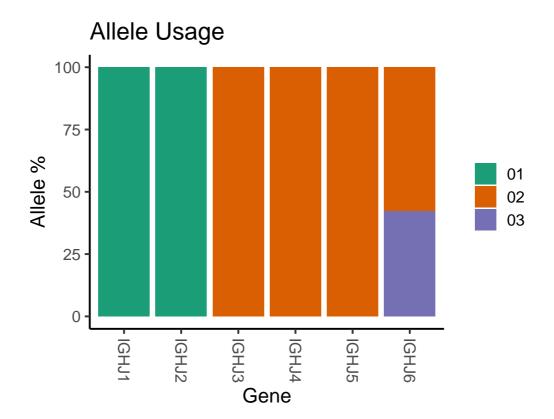


## IGHV4-61\*01 IGHV5-51\*01 29 sequences assigned 21 (72.4%) exact matches, in which: 21 unique CDR3 5 unique J 570 sequences assigned 384 (67.4%) exact matches, in which: 383 unique CDR3 7 unique J 400 20 300 15 Count 200 Count 10 100 5 0 0 5 10 15 20 10 **Nucleotide Difference** Nucleotide Difference IGHV5-10-1\*01 IGHV6-1\*01 110 sequences assigned 80 (72.7%) exact matches, in which: 80 unique CDR3 7 unique J 132 sequences assigned 106 (80.3%) exact matches, in which: 106 unique CDR3 6 unique J 80 100 60 75 Count 40 50 20 25 0 0 5 10 15 20 0 5 10 0 Nucleotide Difference **Nucleotide Difference** IGHV5-10-1\*03 IGHV7-4-1\*01 165 sequences assigned 136 (82.4%) exact matches, in which: sequences assigned 1 (100%) exact matches, in which: 136 unique CDR3 1 unique CDR3 5 unique J 1 unique J 1.00 0.75 100 Count Count Count 50 0.25 0.00 0 -0.25 0.00 0.25 0.50 -0.5010 **Nucleotide Difference Nucleotide Difference**



## Sequence Count by IGHJ6 allele usage



