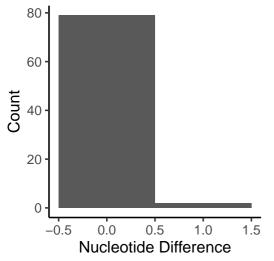
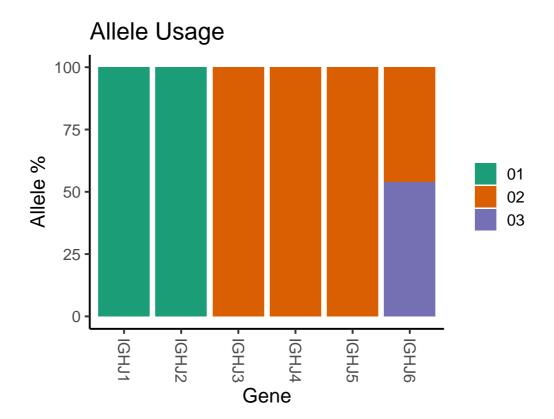


## IGHV4/OR15-8\*01 IGHV6-1\*01\_02 1093 sequences assigned 1037 (94.9%) exact matches, in which: 1036 unique CDR3 71 sequences assigned No exact matches. 7 unique J 60 1000 750 40 Count 500 20 250 0 0 3 4 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1\*01 IGHV5-51\*07 2 sequences assigned 41 sequences assigned 2 (100%) exact matches, in which: 2 unique CDR3 No exact matches. 2 unique J 2.0 30 1.5 Count 20 1.0 10 0.5 0 0.0 1.0 1.5 2.0 2.5 0.5 -0.250.00 0.25 0.50 -0.50**Nucleotide Difference Nucleotide Difference**

## IGHV5-51\*01\_03

81 sequences assigned 79 (97.5%) exact matches, in which: 79 unique CDR3 7 unique J





## Sequence Count by IGHJ6 allele usage

