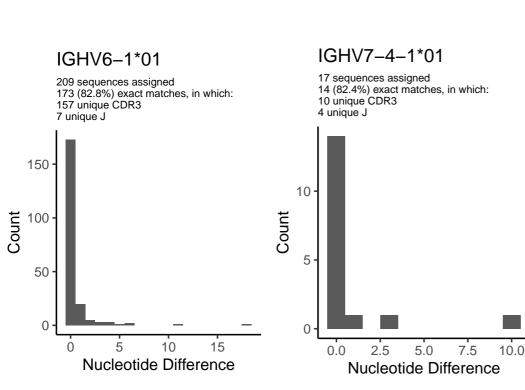
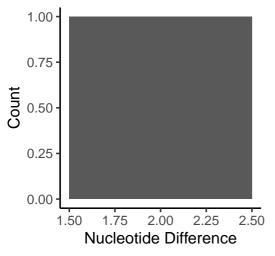


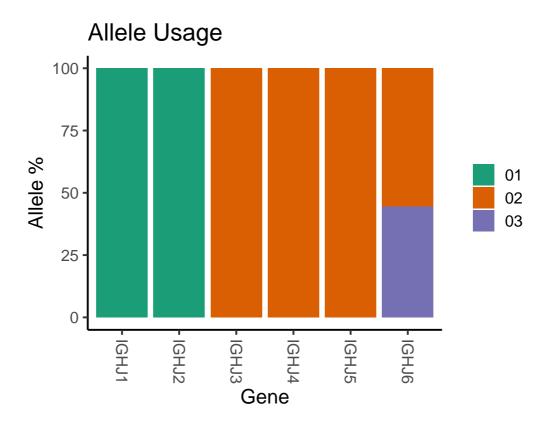
## IGHV5-51\*03 IGHV3/OR16-15\*02 275 sequences assigned 233 (84.7%) exact matches, in which: 216 unique CDR3 1 sequences assigned No exact matches. 7 unique J 1.00 -200 0.75 150 Count Count Count 0.25 50 0.00 0 4.50 4.75 5.00 5.25 5.50 15 5 10 **Nucleotide Difference Nucleotide Difference** IGHV7-4-1\*01 IGHV6-1\*01 17 sequences assigned 14 (82.4%) exact matches, in which: 10 unique CDR3 209 sequences assigned 173 (82.8%) exact matches, in which: 157 unique CDR3





1 sequences assigned No exact matches.





## Sequence Count by IGHJ6 allele usage

