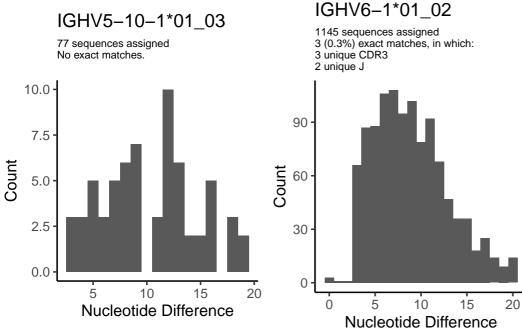
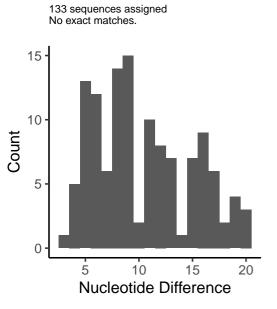
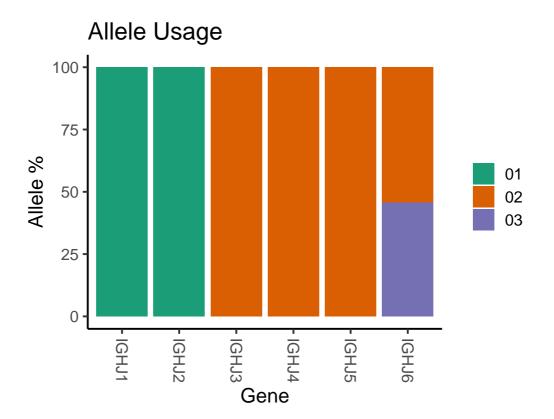


## IGHV5-51\*01\_03 IGHV4/OR15-8\*01 408 sequences assigned 3 sequences assigned No exact matches. No exact matches. 1.00 -30 0.75 Count 0.50 20 0.25 10 0.00 0 8 10 12 14 5 10 15 20 **Nucleotide Difference Nucleotide Difference** IGHV6-1\*01\_02 IGHV5-10-1\*01\_03 1145 sequences assigned 3 (0.3%) exact matches, in which: 3 unique CDR3 2 unique J 77 sequences assigned No exact matches.

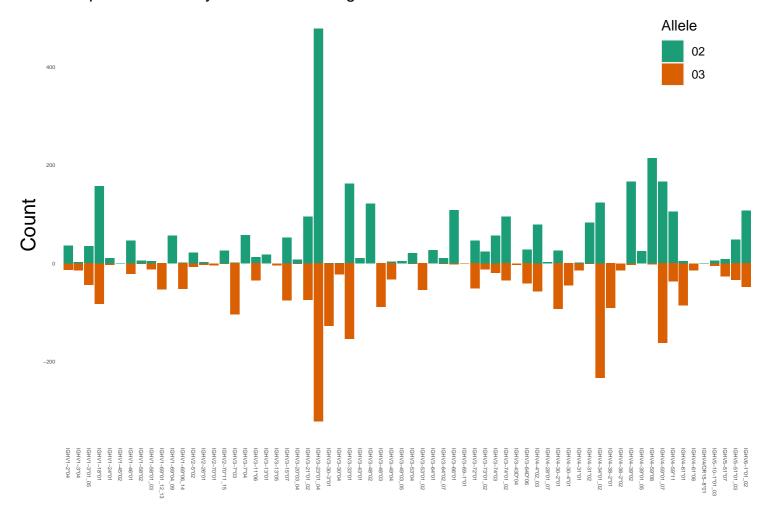




IGHV5-51\*07



## Sequence Count by IGHJ6 allele usage



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