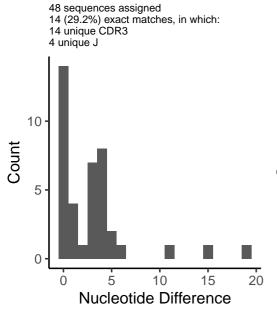
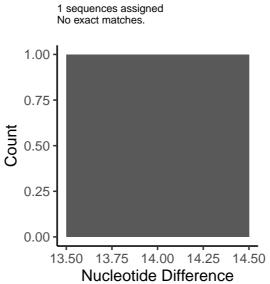


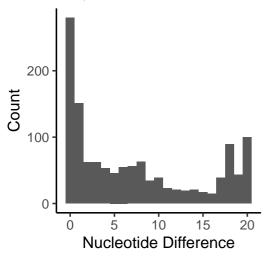
IGHV5-51*06 IGHV3/OR16-9*01 31 sequences assigned 12 sequences assigned 10 (32.3%) exact matches, in which: No exact matches. 10 unique CDR3 6 unique J 10.0 10.0 7.5 7.5 Count 5.0 5.0 2.5 2.5 0.0 0.0 0.5 1.0 1.5 2.0 2.5 5 10 15 0 **Nucleotide Difference** Nucleotide Difference IGHV5-51*07 IGHV7-4-1*02

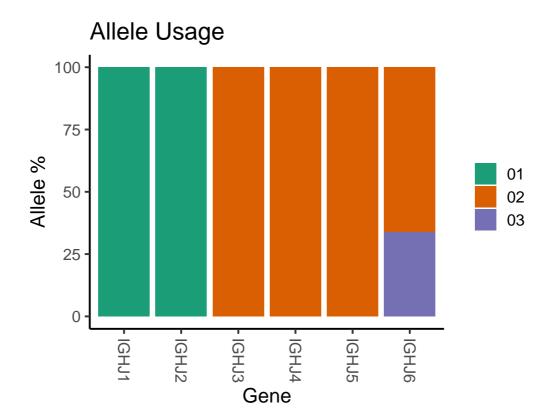




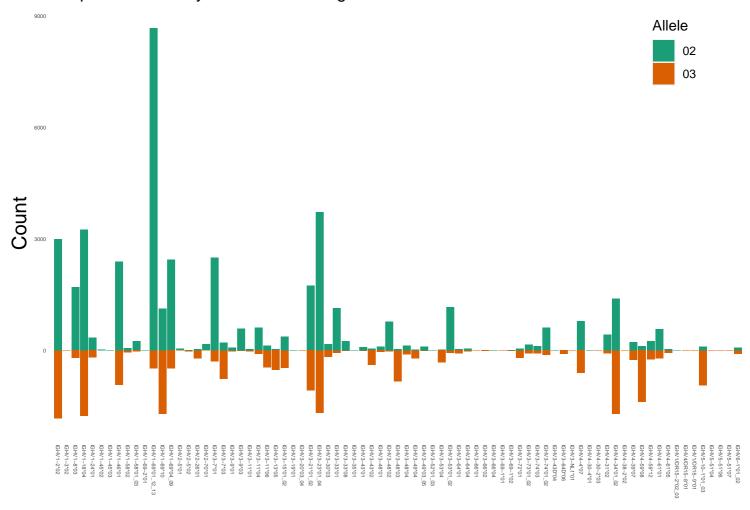
IGHV6-1*01_02

1743 sequences assigned 280 (16.1%) exact matches, in which: 269 unique CDR3 7 unique J





Sequence Count by IGHJ6 allele usage



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