

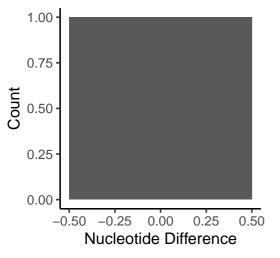
IGHV5-10-1*01_03 IGHV7-4-1*02 84 sequences assigned 82 (97.6%) exact matches, in which: 82 unique CDR3 5 unique J 509 sequences assigned 462 (90.8%) exact matches, in which: 460 unique CDR3 7 unique J 400 60 300 Count Count 0 20 100 0 0 **Nucleotide Difference Nucleotide Difference**

IGHV5-51*01_03

1 sequences assigned 1 (100%) exact matches, in which:

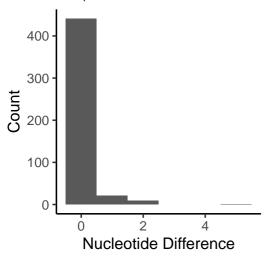
1 unique CDR3

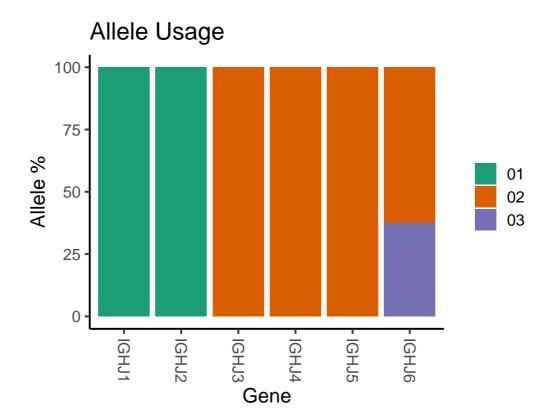
1 unique J



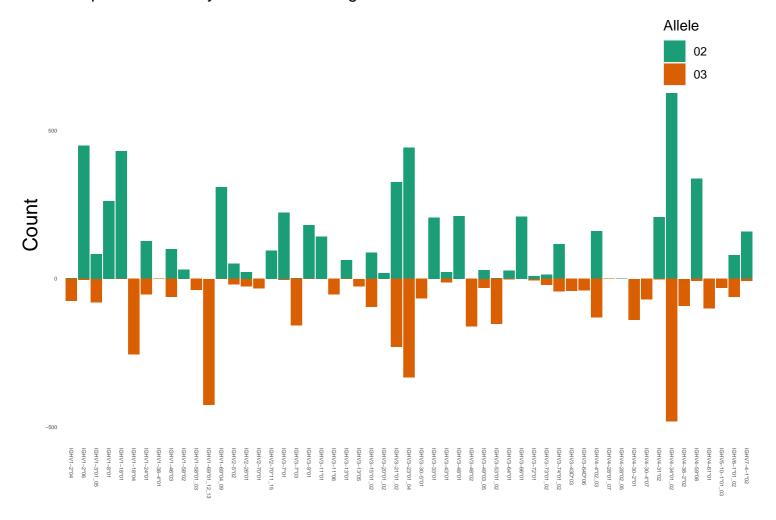
IGHV6-1*01_02

472 sequences assigned 441 (93.4%) exact matches, in which: 433 unique CDR3 7 unique J





Sequence Count by IGHJ6 allele usage



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