

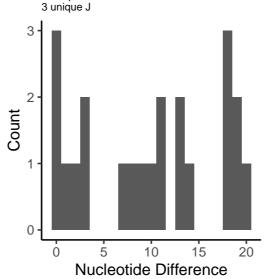
No exact matches. 9 Count 9 3 10 15 20 5 **Nucleotide Difference**

IGHV4-61*02

147 sequences assigned

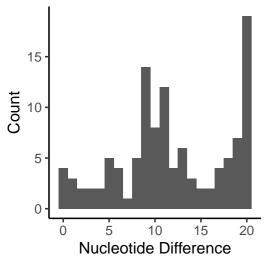
IGHV6-1*01

25 sequences assigned 3 (12%) exact matches, in which: 3 unique CDR3



IGHV5-51*01

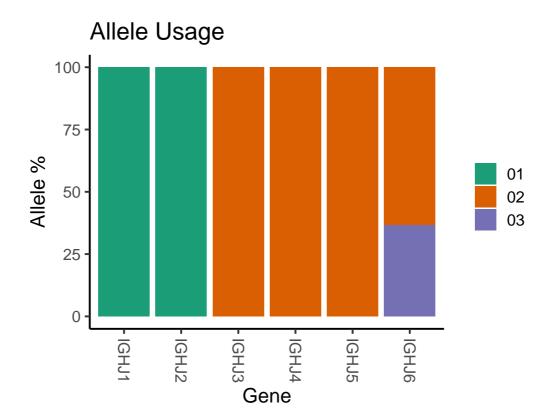
183 sequences assigned 4 (2.2%) exact matches, in which: 2 unique CDR3 2 unique J



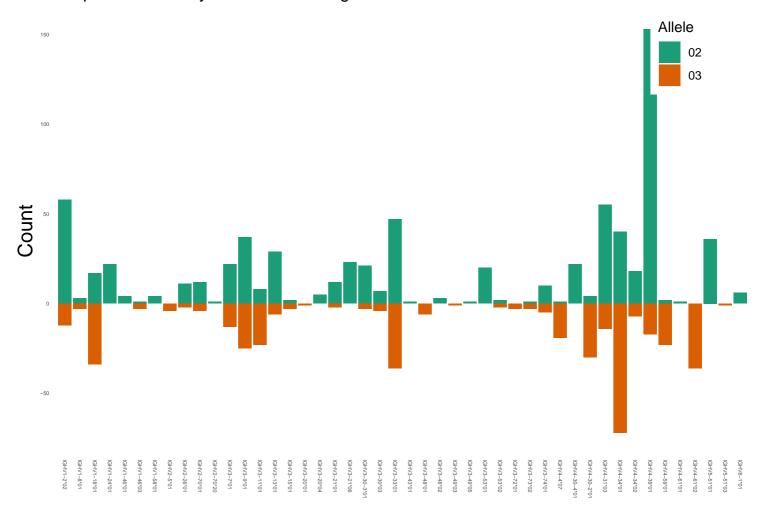
IGHV5-51*03

60 sequences assigned 1 (1.7%) exact matches, in which: 1 unique CDR3

1 unique J



Sequence Count by IGHJ6 allele usage



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