

## IGHV5-51\*01\_03 IGHV1/OR15-9\*01 280 sequences assigned 15 (5.4%) exact matches, in which: 15 unique CDR3 1 sequences assigned No exact matches. 4 unique J 1.00 -20 0.75 15 Count 10 0.25 5 0.00 0 8.50 8.75 9.00 9.25 9.50 5 10 15 **Nucleotide Difference** Nucleotide Difference IGHV5-10-1\*01\_03 IGHV6-1\*01\_02 56 sequences assigned 3 (5.4%) exact matches, in which: 3 unique CDR3 2 unique J 303 sequences assigned 3 (1%) exact matches, in which: 2 unique CDR3 2 unique J 6 25 20 15 Count 10 2 5 0 0 0 5 10 15 20 0 5 10 15 20 Nucleotide Difference **Nucleotide Difference** IGHV7-4-1\*02 IGHV5-51\*07 176 sequences assigned 208 sequences assigned No exact matches. No exact matches. 25 20 10 15 Count 10 5 5 0 0

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**Nucleotide Difference** 

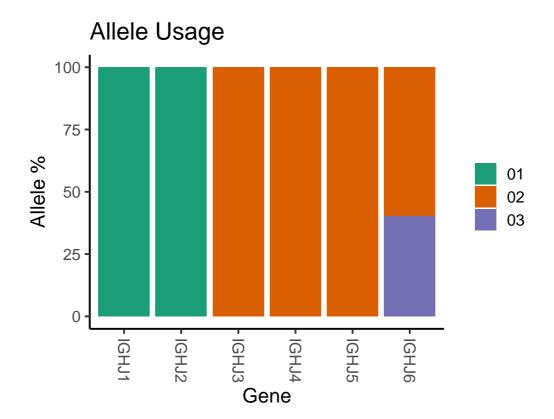
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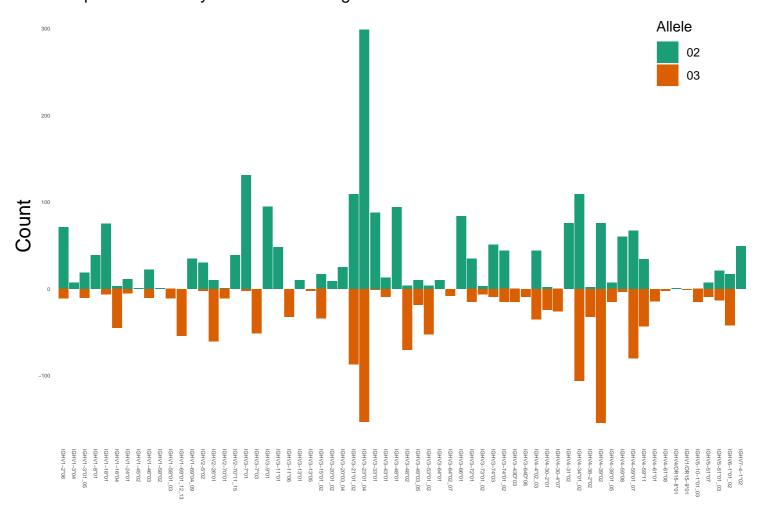
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**Nucleotide Difference** 

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## Sequence Count by IGHJ6 allele usage



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