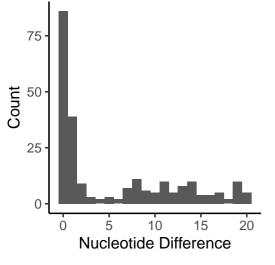


## IGHV6-1\*01 IGHV4-61\*05 97 sequences assigned 38 (39.2%) exact matches, in which: 38 unique CDR3 6 unique J 2 sequences assigned No exact matches. 1.00 -30 0.75 Count 0.50 Count 20 0.25 10 0.00 0 15.0 17.5 10.0 12.5 20.0 10 15 **Nucleotide Difference** Nucleotide Difference

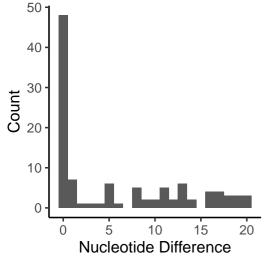
## IGHV5-51\*01

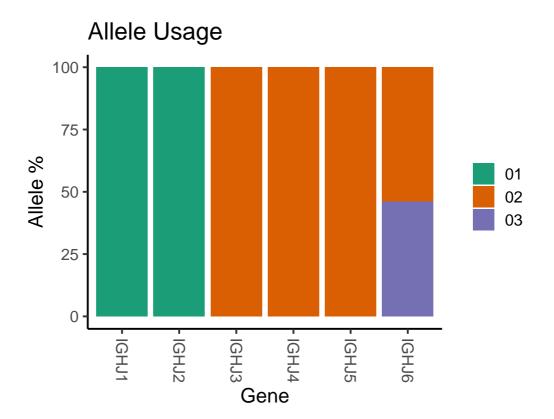
284 sequences assigned 86 (30.3%) exact matches, in which: 85 unique CDR3 6 unique J



## IGHV5-51\*03

130 sequences assigned 48 (36.9%) exact matches, in which: 48 unique CDR3 5 unique J





## Sequence Count by IGHJ6 allele usage

