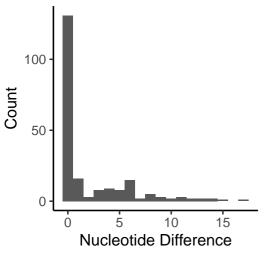


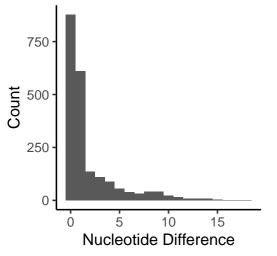
## IGHV4-61\*01

213 sequences assigned 131 (61.5%) exact matches, in which: 125 unique CDR3 7 unique J



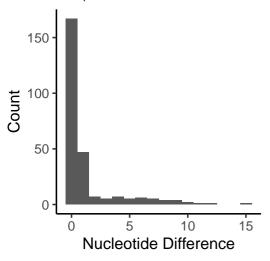
## IGHV5-51\*01

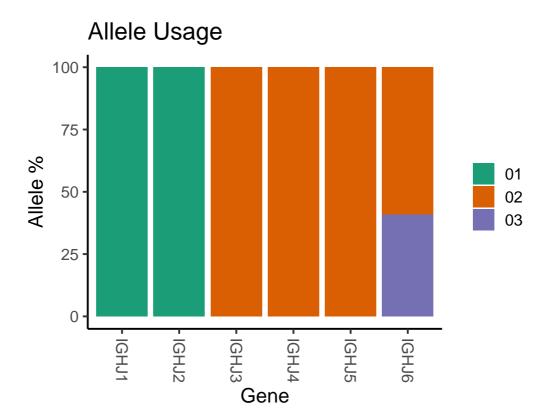
2107 sequences assigned 878 (41.7%) exact matches, in which: 722 unique CDR3 7 unique J



## IGHV6-1\*01

262 sequences assigned 167 (63.7%) exact matches, in which: 158 unique CDR3 7 unique J





## Sequence Count by IGHJ6 allele usage



