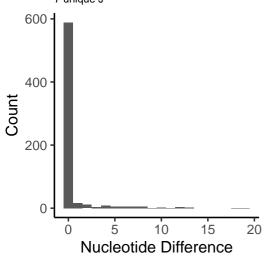


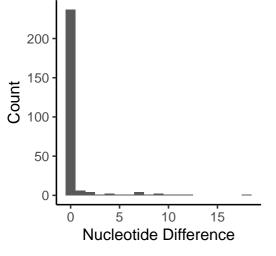
## IGHV5-51\*01

664 sequences assigned 589 (88.7%) exact matches, in which: 589 unique CDR3 7 unique J



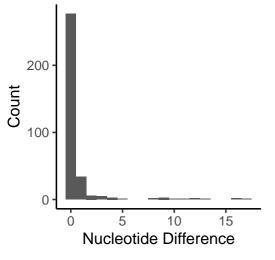
## IGHV6-1\*01

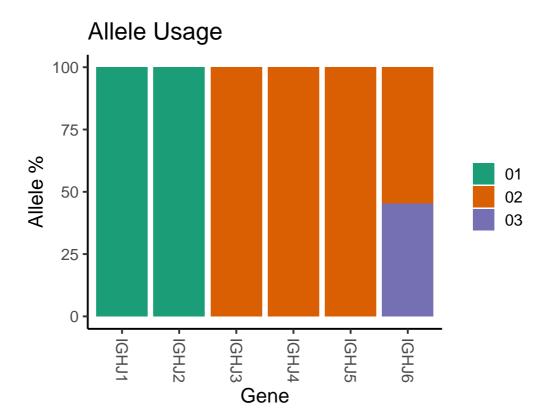
264 sequences assigned 237 (89.8%) exact matches, in which: 237 unique CDR3 7 unique J



## IGHV7-4-1\*02

339 sequences assigned 277 (81.7%) exact matches, in which: 277 unique CDR3 7 unique J





## Sequence Count by IGHJ6 allele usage

