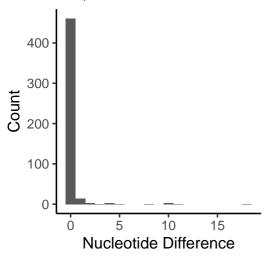


## IGHV5-51\*01

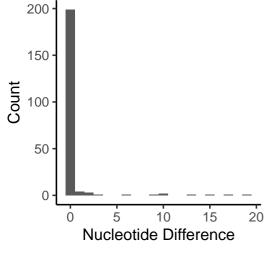
491 sequences assigned 461 (93.9%) exact matches, in which: 461 unique CDR3 7 unique J



## IGHV6-1\*01

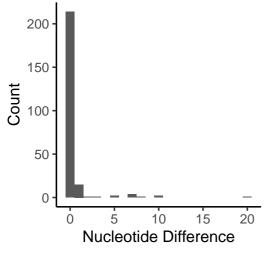
215 sequences assigned 199 (92.6%) exact matches, in which: 199 unique CDR3

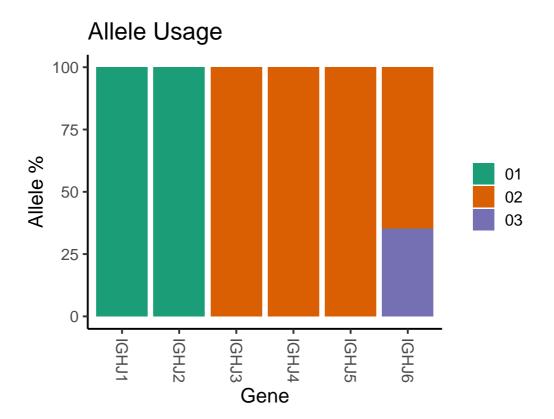




## IGHV7-4-1\*02

241 sequences assigned 214 (88.8%) exact matches, in which: 214 unique CDR3 6 unique J





## Sequence Count by IGHJ6 allele usage



