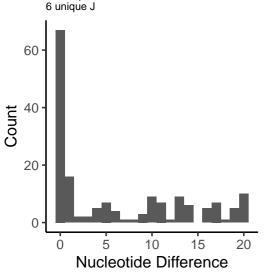


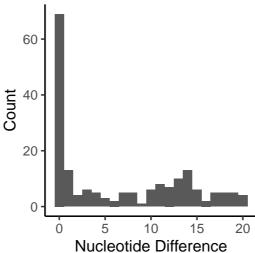
## IGHV5-10-1\*03

252 sequences assigned 67 (26.6%) exact matches, in which: 67 unique CDR3



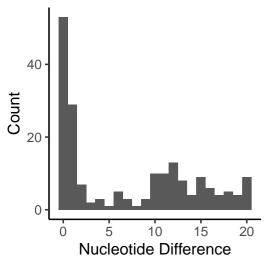
### IGHV6-1\*01

251 sequences assigned 69 (27.5%) exact matches, in which: 69 unique CDR3 6 unique J



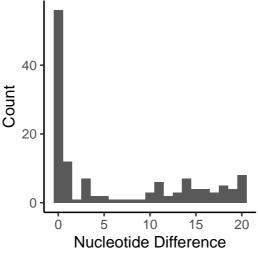
#### IGHV5-51\*01

308 sequences assigned 53 (17.2%) exact matches, in which: 53 unique CDR3 6 unique J



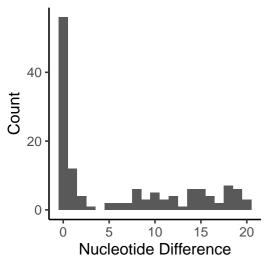
#### IGHV7-4-1\*02

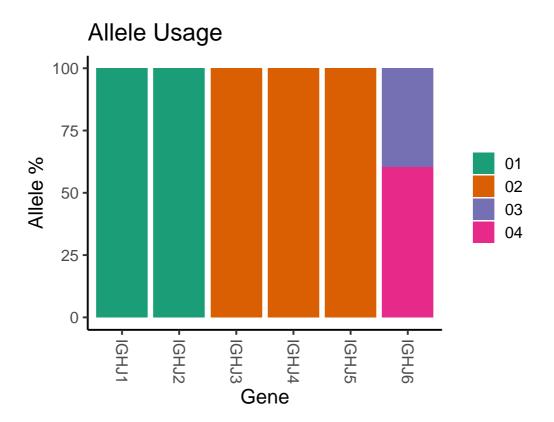
247 sequences assigned 56 (22.7%) exact matches, in which: 56 unique CDR3 5 unique J



#### IGHV5-51\*03

199 sequences assigned 56 (28.1%) exact matches, in which: 56 unique CDR3 6 unique J





# Sequence Count by IGHJ6 allele usage



