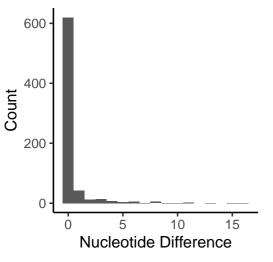


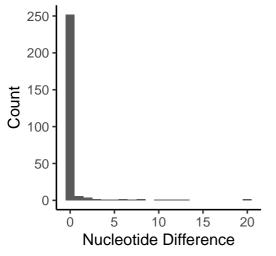
## IGHV5-51\*01

721 sequences assigned 620 (86%) exact matches, in which: 619 unique CDR3 6 unique J



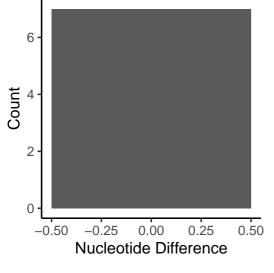
## IGHV6-1\*01

278 sequences assigned 252 (90.6%) exact matches, in which: 252 unique CDR3 6 unique J



## IGHV7-4-1\*01

7 sequences assigned 7 (100%) exact matches, in which: 7 unique CDR3 4 unique J





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