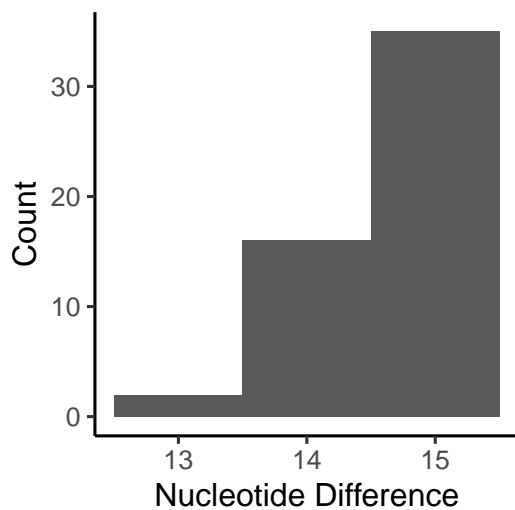


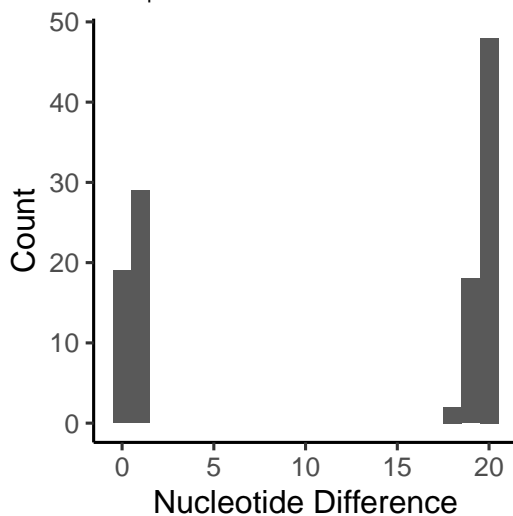
### IGHV1–2\*04

53 sequences assigned  
No exact matches.



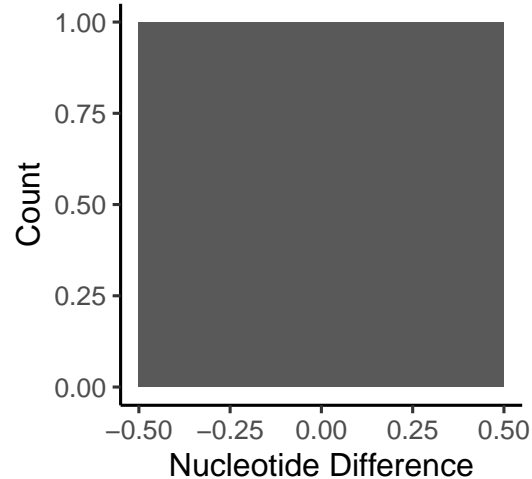
### IGHV3–7\*03

116 sequences assigned  
19 (16.4%) exact matches, in which:  
13 unique CDR3  
1 unique J



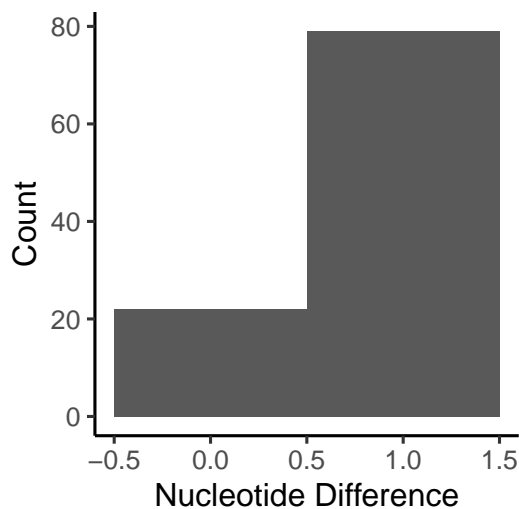
### IGHV3–74\*01\_02

1 sequences assigned  
1 (100%) exact matches, in which:  
1 unique CDR3  
1 unique J



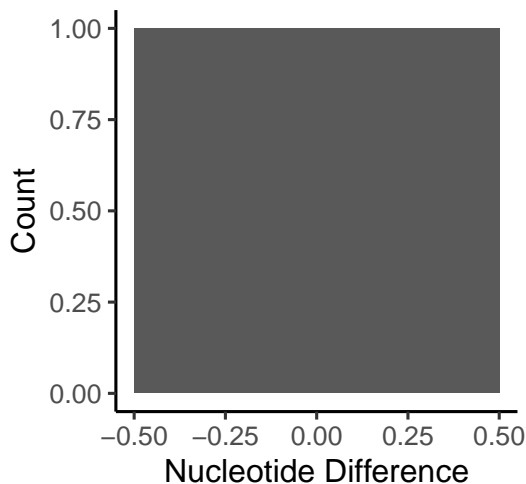
### IGHV2–5\*01

101 sequences assigned  
22 (21.8%) exact matches, in which:  
11 unique CDR3  
1 unique J



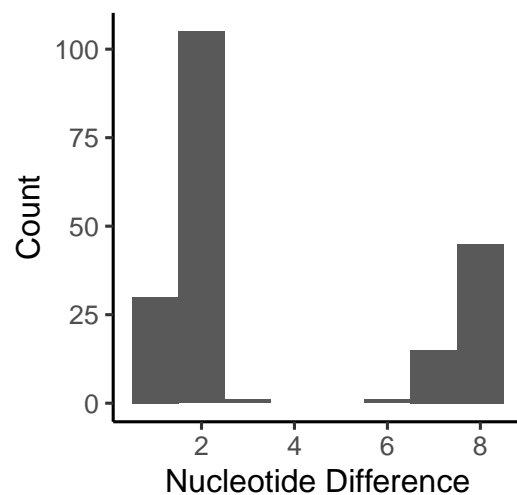
### IGHV3–11\*06

1 sequences assigned  
1 (100%) exact matches, in which:  
1 unique CDR3  
1 unique J



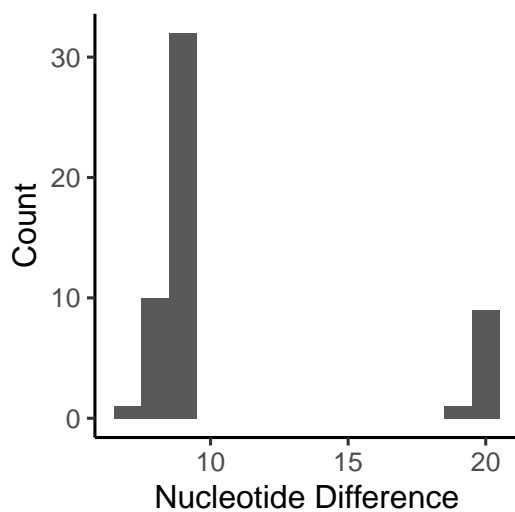
### IGHV4–39\*02

197 sequences assigned  
No exact matches.



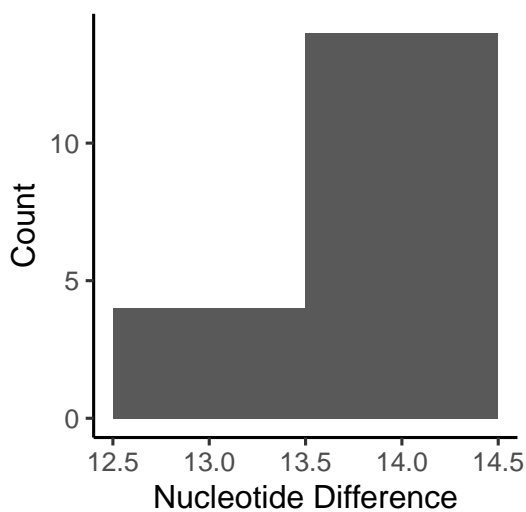
### IGHV3–7\*01

70 sequences assigned  
No exact matches.



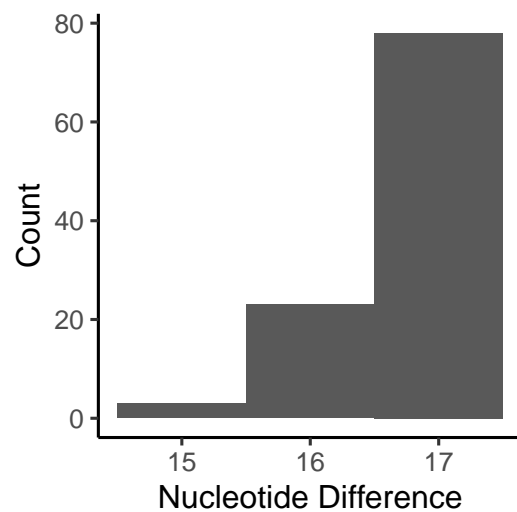
### IGHV3–23\*01\_04

18 sequences assigned  
No exact matches.



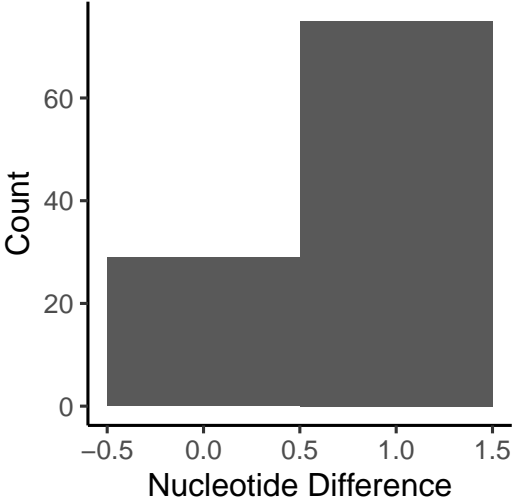
### IGHV4–59\*01\_07

104 sequences assigned  
No exact matches.

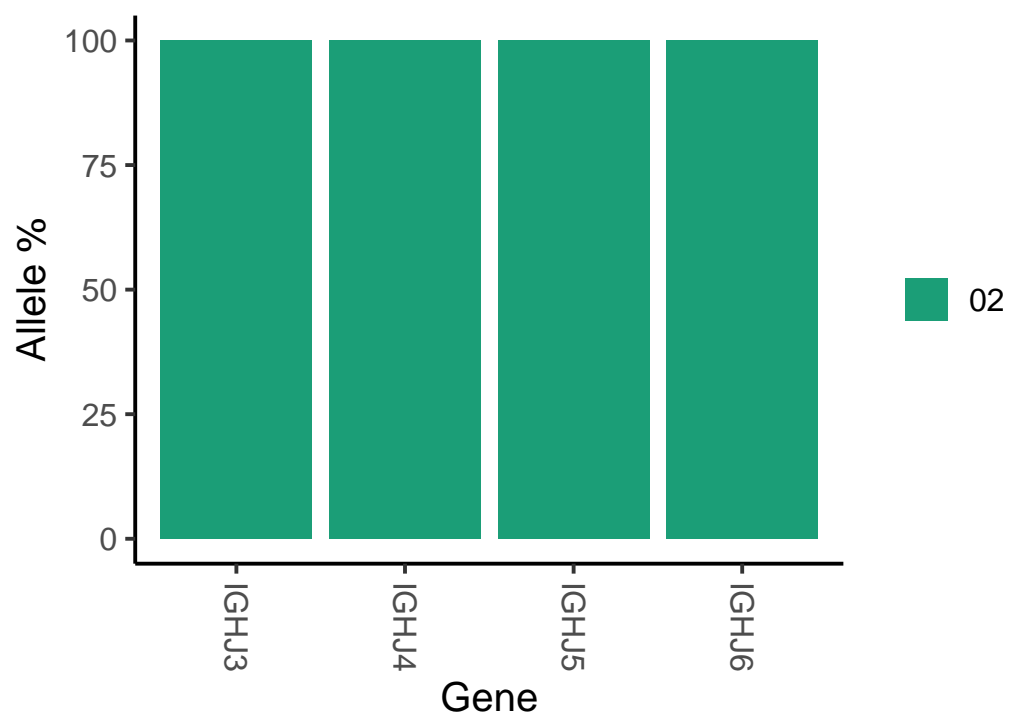


# IGHV5-51\*01\_03

104 sequences assigned  
29 (27.9%) exact matches, in which:  
13 unique CDR3  
1 unique J



## Allele Usage



Warning – no inferred sequences found.