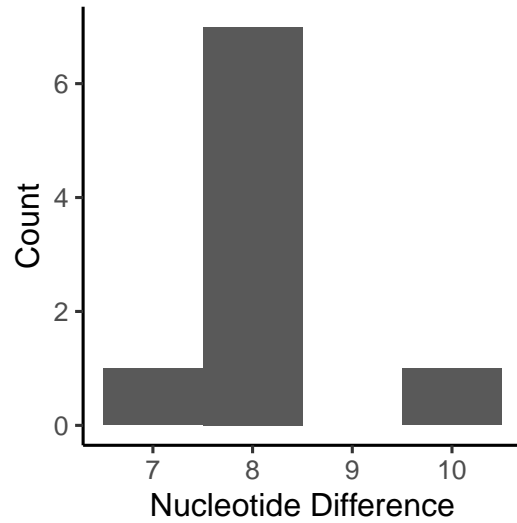


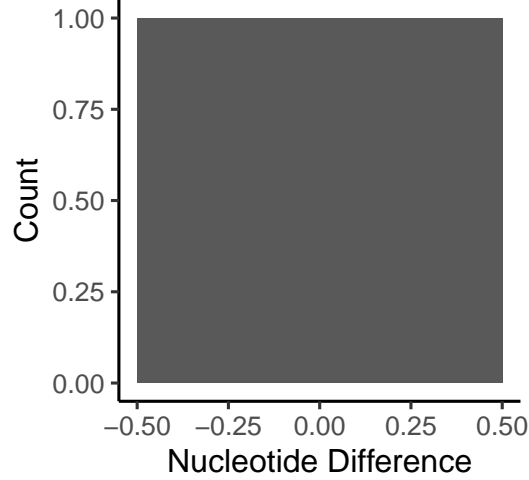
### IGHV1-2\*04

9 sequences assigned  
No exact matches.



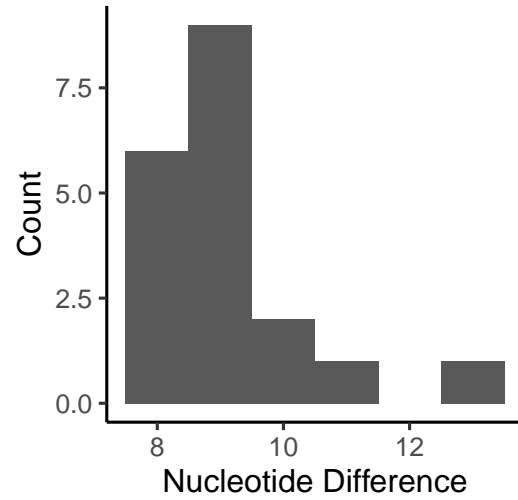
### IGHV2-26\*01

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



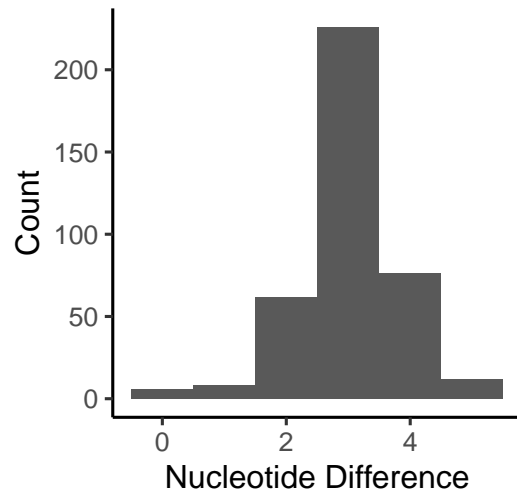
### IGHV3-33\*01

19 sequences assigned  
No exact matches.



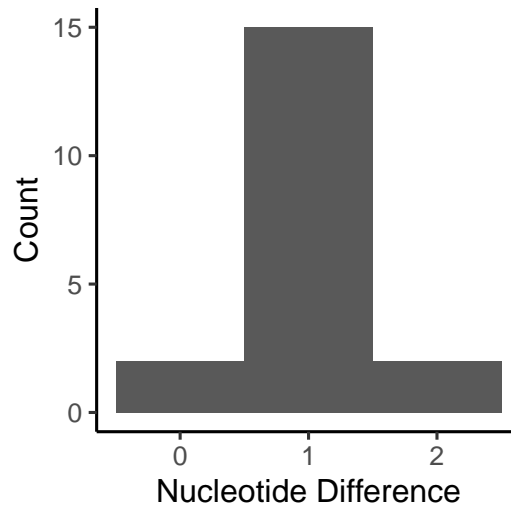
### IGHV1-24\*01

390 sequences assigned  
6 (1.5%) exact matches, in which:  
4 unique CDR3  
1 unique J



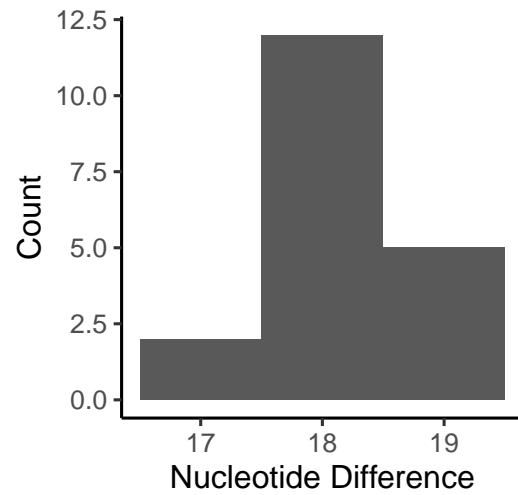
### IGHV3-15\*07

19 sequences assigned  
2 (10.5%) exact matches, in which:  
1 unique CDR3  
1 unique J



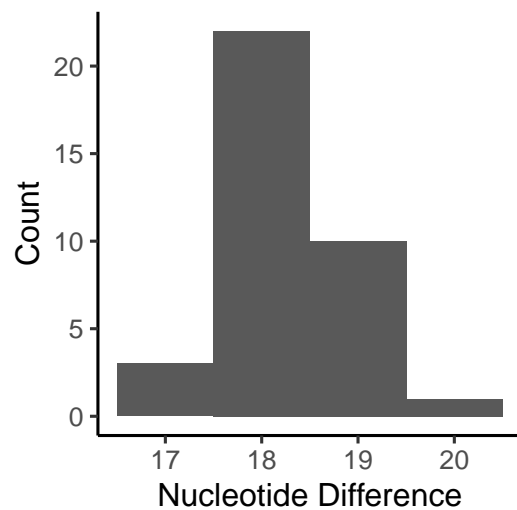
### IGHV3-53\*01

19 sequences assigned  
No exact matches.



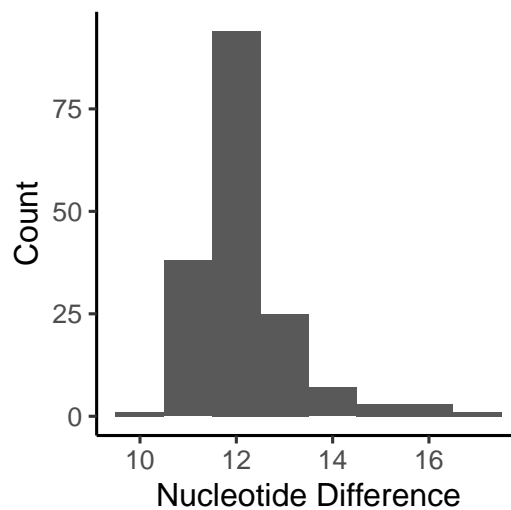
### IGHV1-69\*06

36 sequences assigned  
No exact matches.



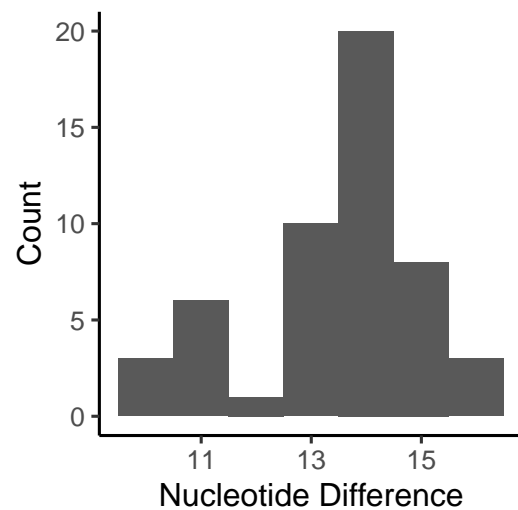
### IGHV3-30-3\*01

172 sequences assigned  
No exact matches.



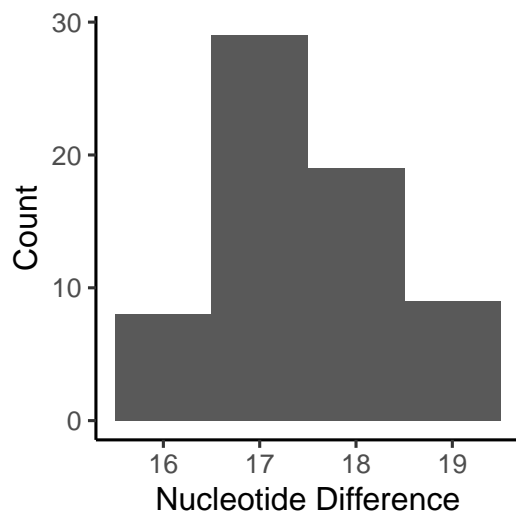
### IGHV4-30-2\*01

51 sequences assigned  
No exact matches.



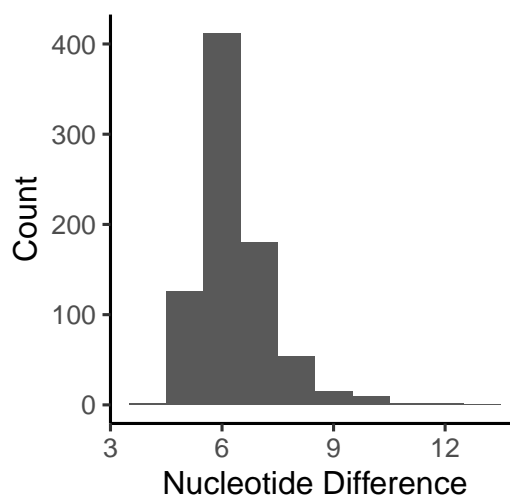
### IGHV4-34\*02

105 sequences assigned  
No exact matches.



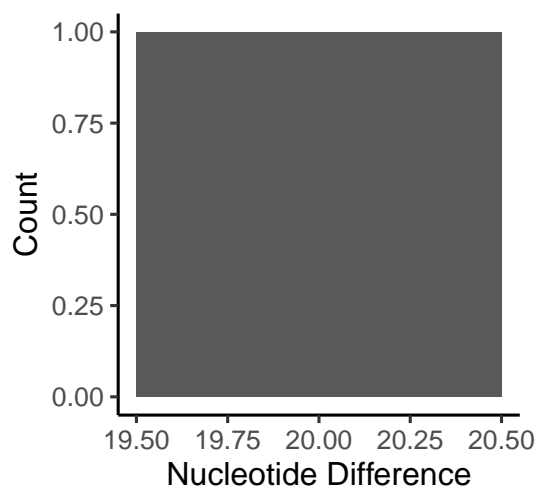
### IGHV4-59\*01

803 sequences assigned  
No exact matches.



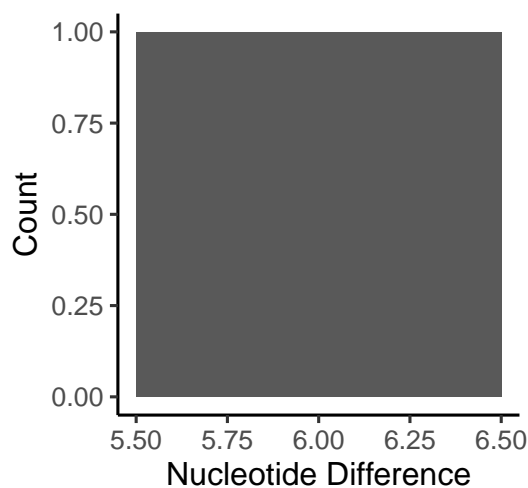
### IGHV4-39\*01

18 sequences assigned  
No exact matches.



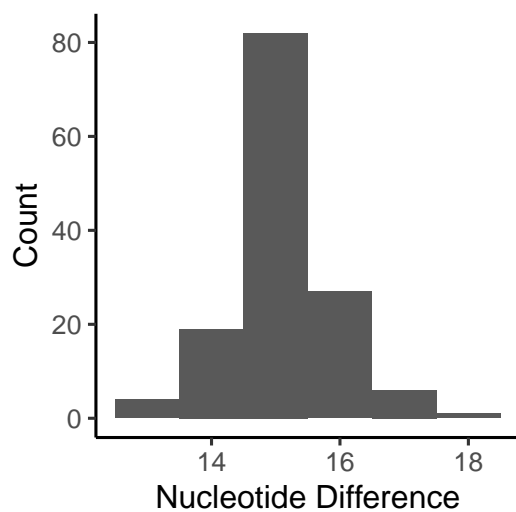
### IGHV4-61\*01

1 sequences assigned  
No exact matches.



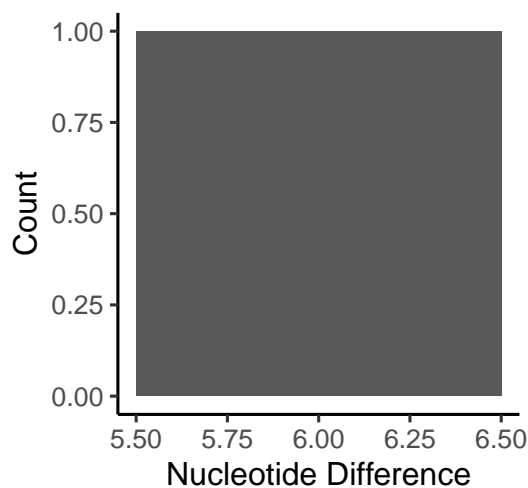
### IGHV4-39\*02

139 sequences assigned  
No exact matches.

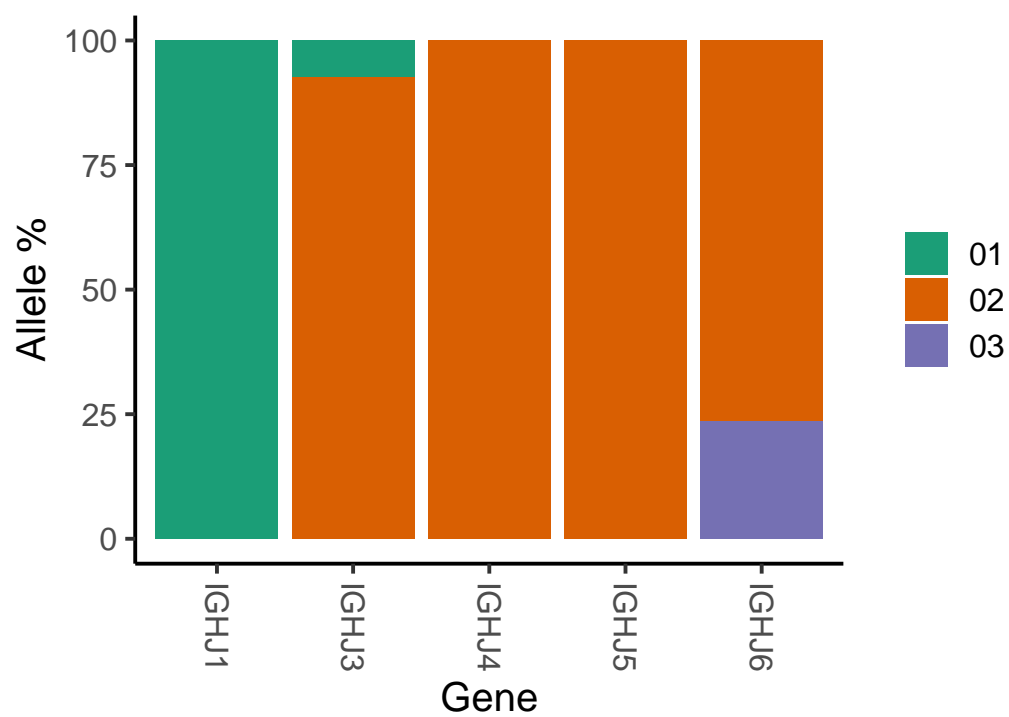


### IGHV4-61\*10

1 sequences assigned  
No exact matches.



Allele Usage



Warning – no inferred sequences found.