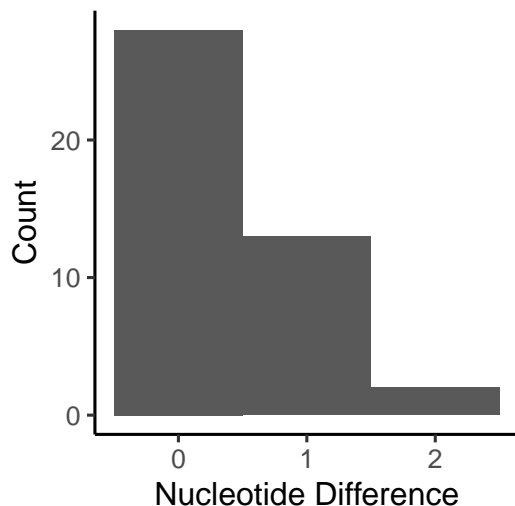


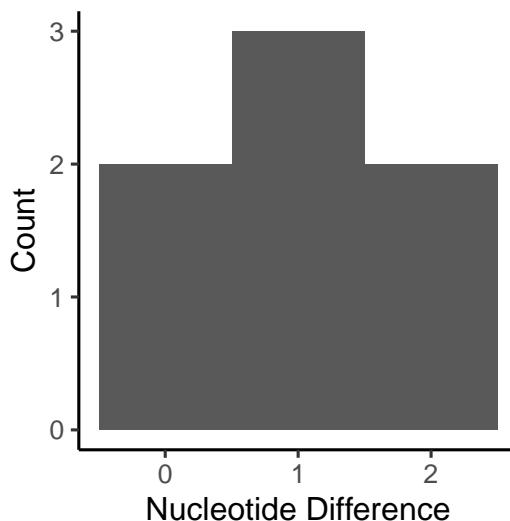
### IGLV10-54\*01

43 sequences assigned  
28 (65.1%) exact matches, in which:  
21 unique CDR3  
3 unique J



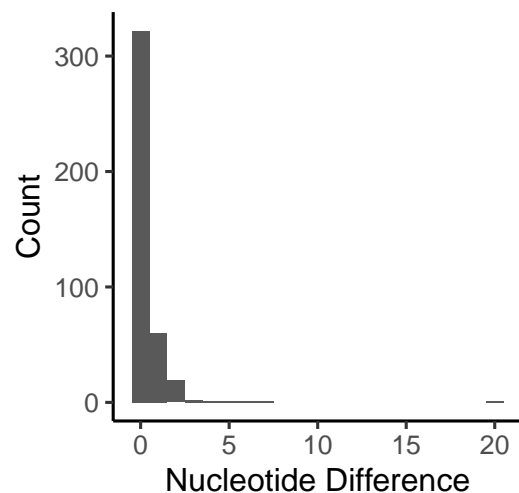
### IGLV1-41\*01

7 sequences assigned  
2 (28.6%) exact matches, in which:  
2 unique CDR3  
1 unique J



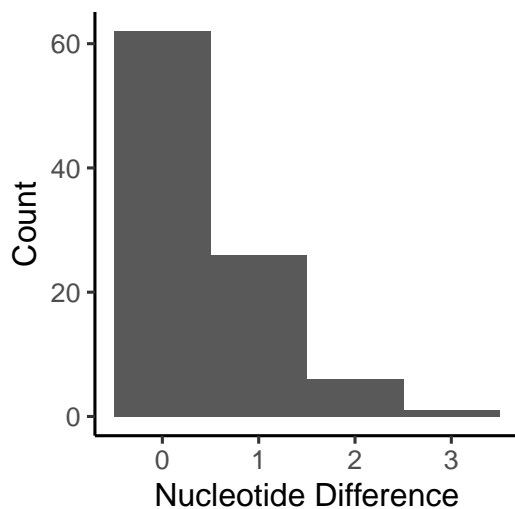
### IGLV1-51\*01

408 sequences assigned  
322 (78.9%) exact matches, in which:  
241 unique CDR3  
4 unique J



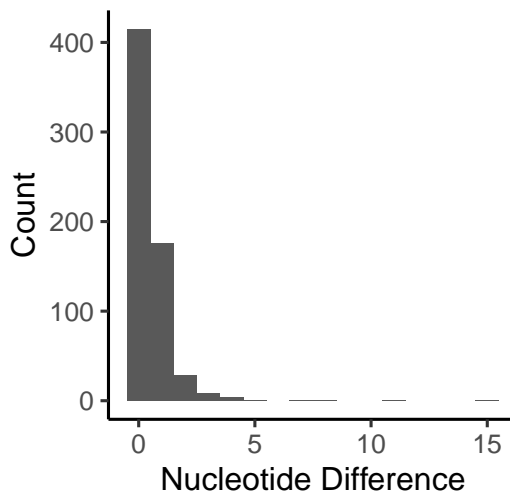
### IGLV1-36\*01

95 sequences assigned  
62 (65.3%) exact matches, in which:  
48 unique CDR3  
4 unique J



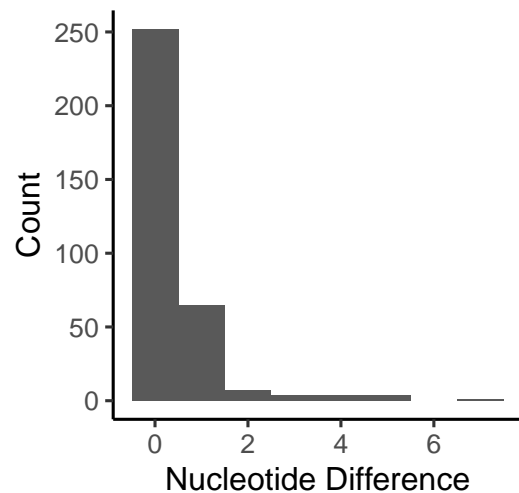
### IGLV1-44\*01

636 sequences assigned  
415 (65.3%) exact matches, in which:  
301 unique CDR3  
4 unique J



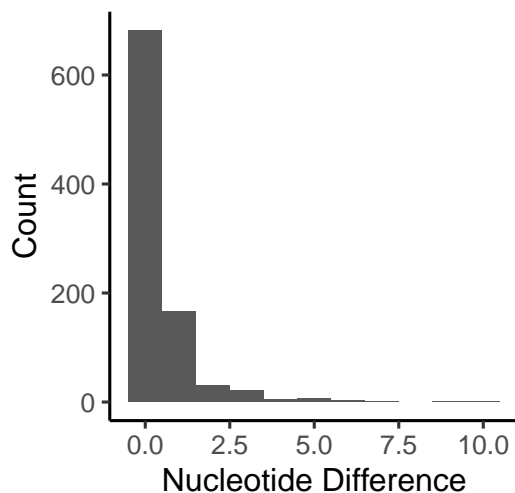
### IGLV2-8\*01

337 sequences assigned  
252 (74.8%) exact matches, in which:  
217 unique CDR3  
4 unique J



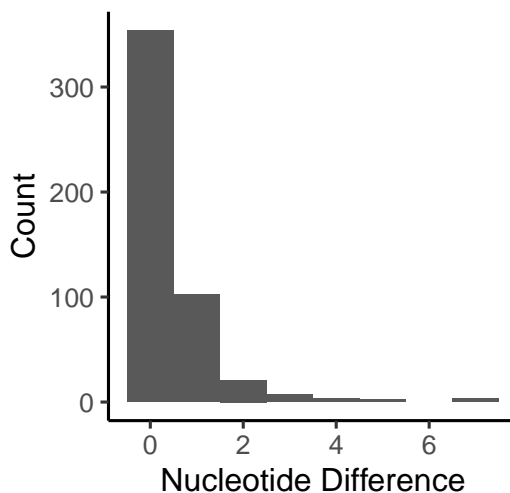
### IGLV1-40\*01

915 sequences assigned  
682 (74.5%) exact matches, in which:  
543 unique CDR3  
4 unique J



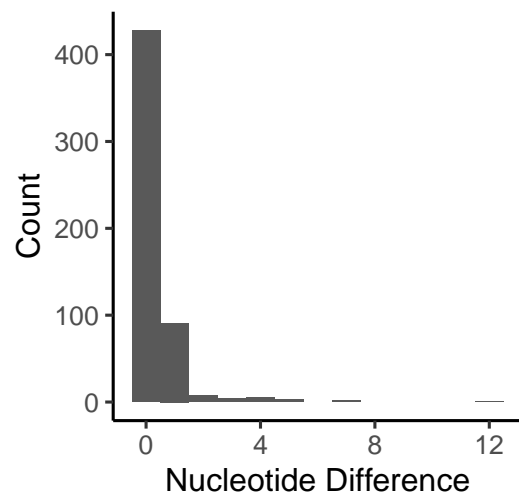
### IGLV1-47\*01

492 sequences assigned  
354 (72%) exact matches, in which:  
272 unique CDR3  
4 unique J



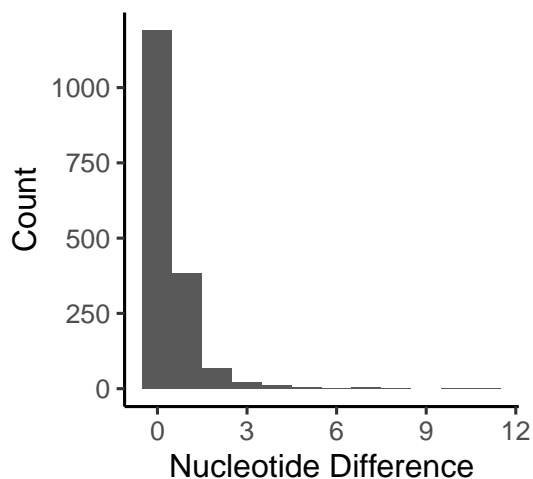
### IGLV2-11\*01

542 sequences assigned  
428 (79%) exact matches, in which:  
366 unique CDR3  
4 unique J



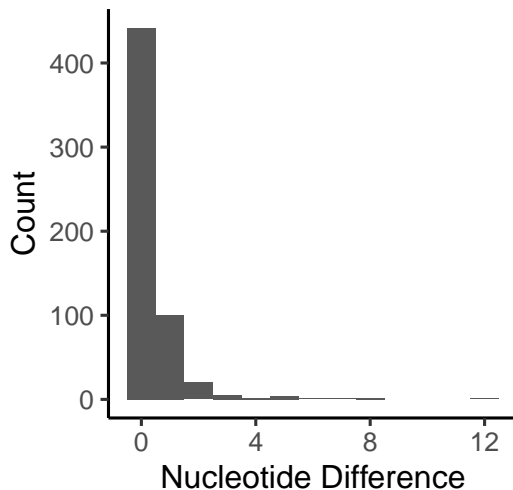
### IGLV2-14\*01

1696 sequences assigned  
1190 (70.2%) exact matches, in which:  
952 unique CDR3  
4 unique J



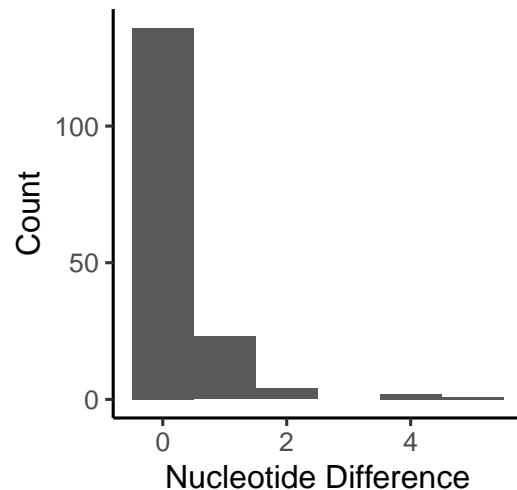
### IGLV2-23\*01

578 sequences assigned  
442 (76.5%) exact matches, in which:  
384 unique CDR3  
4 unique J



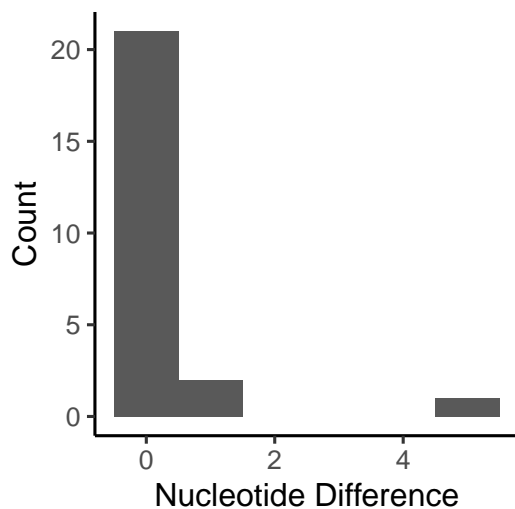
### IGLV3-10\*01

166 sequences assigned  
136 (81.9%) exact matches, in which:  
121 unique CDR3  
3 unique J



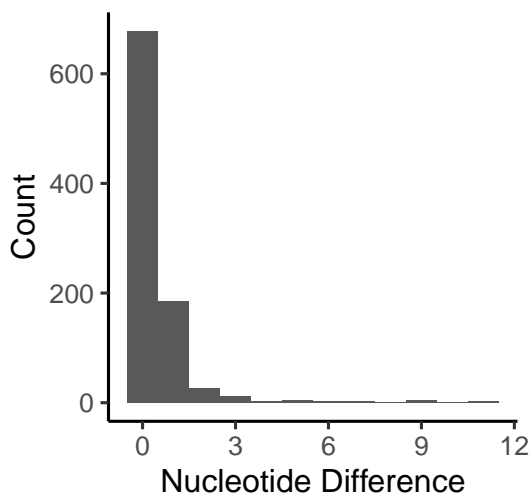
### IGLV2-18\*01

24 sequences assigned  
21 (87.5%) exact matches, in which:  
20 unique CDR3  
3 unique J



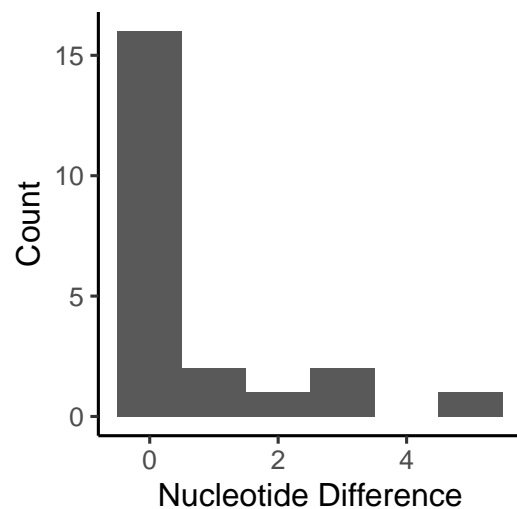
### IGLV3-1\*01

922 sequences assigned  
678 (73.5%) exact matches, in which:  
542 unique CDR3  
4 unique J



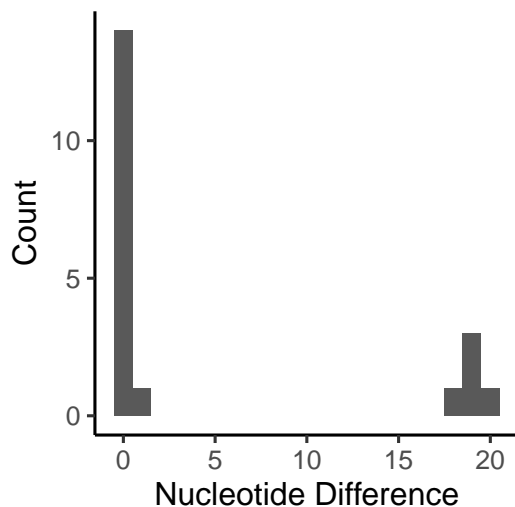
### IGLV3-16\*01

22 sequences assigned  
16 (72.7%) exact matches, in which:  
14 unique CDR3  
3 unique J



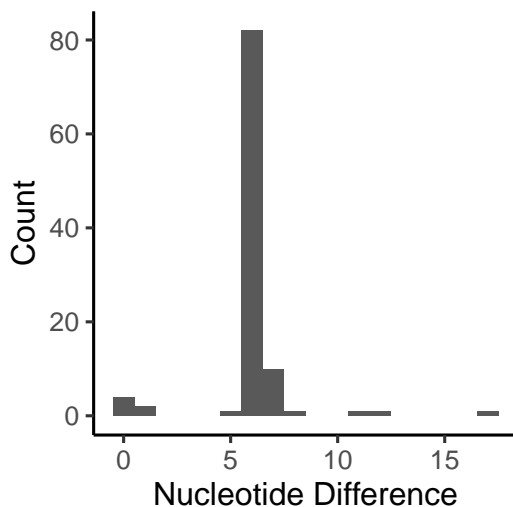
### IGLV2-18\*02

20 sequences assigned  
14 (70%) exact matches, in which:  
8 unique CDR3  
3 unique J



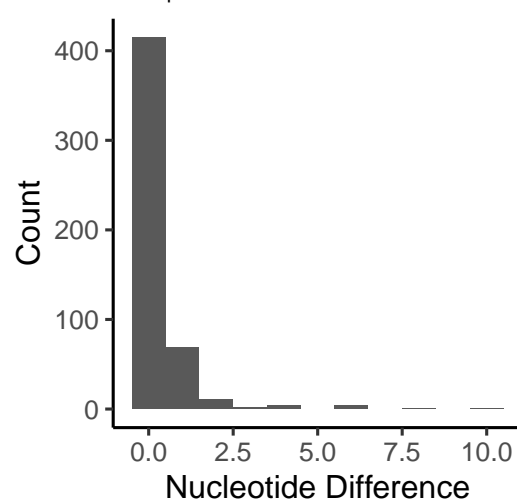
### IGLV3-9\*02

103 sequences assigned  
4 (3.9%) exact matches, in which:  
4 unique CDR3  
1 unique J



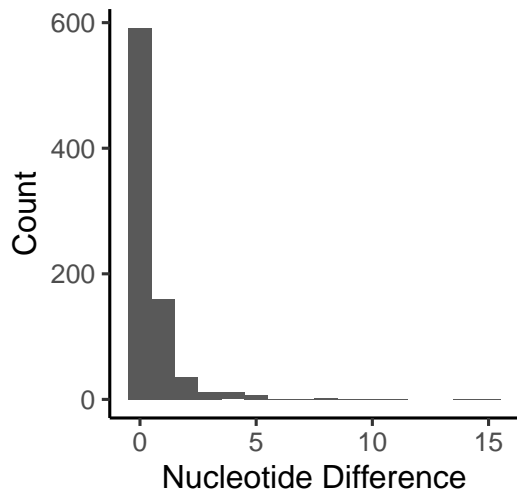
### IGLV3-19\*01

507 sequences assigned  
415 (81.9%) exact matches, in which:  
342 unique CDR3  
4 unique J



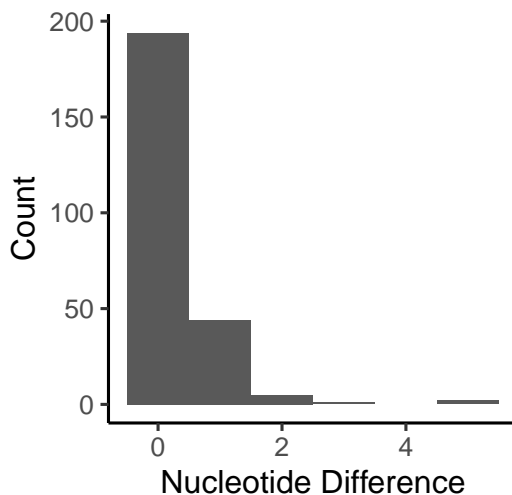
### IGLV3-21\*02

827 sequences assigned  
592 (71.6%) exact matches, in which:  
463 unique CDR3  
5 unique J



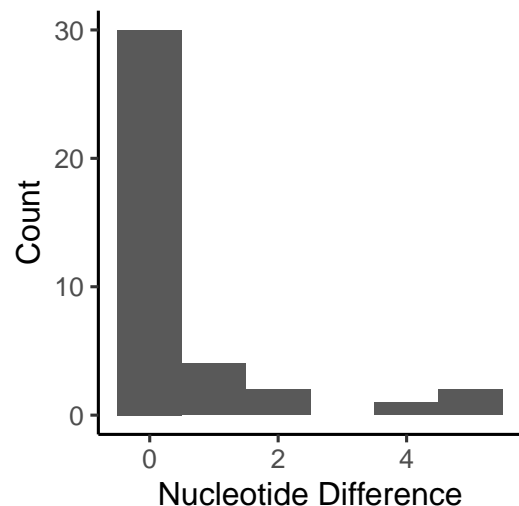
### IGLV3-25\*03\_G74C

246 sequences assigned  
194 (78.9%) exact matches, in which:  
180 unique CDR3  
3 unique J



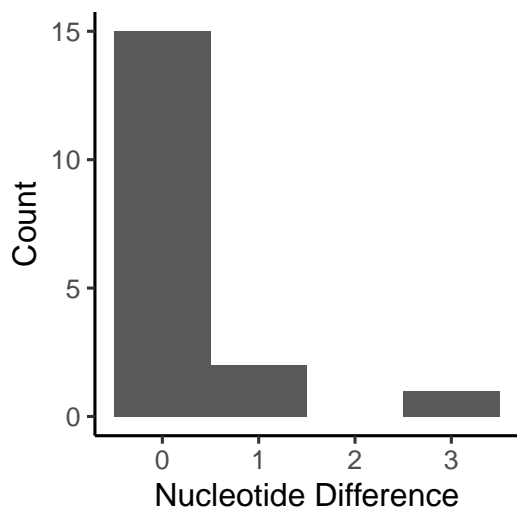
### IGLV4-60\*02

39 sequences assigned  
30 (76.9%) exact matches, in which:  
27 unique CDR3  
3 unique J



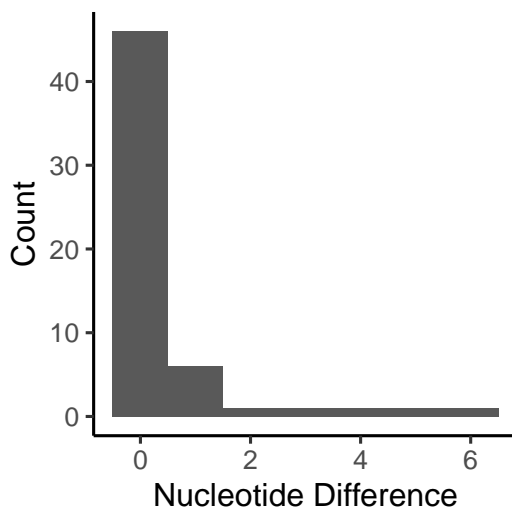
### IGLV3-22\*01

18 sequences assigned  
15 (83.3%) exact matches, in which:  
15 unique CDR3  
3 unique J



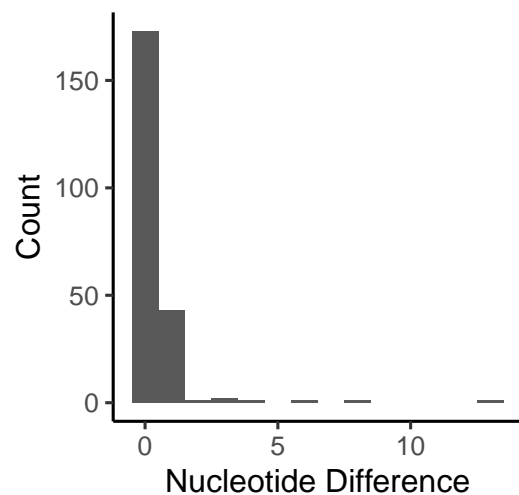
### IGLV3-27\*01

57 sequences assigned  
46 (80.7%) exact matches, in which:  
43 unique CDR3  
4 unique J



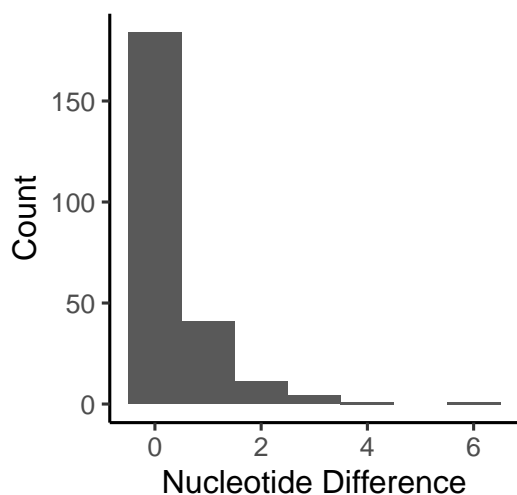
### IGLV4-69\*01

223 sequences assigned  
173 (77.6%) exact matches, in which:  
143 unique CDR3  
4 unique J



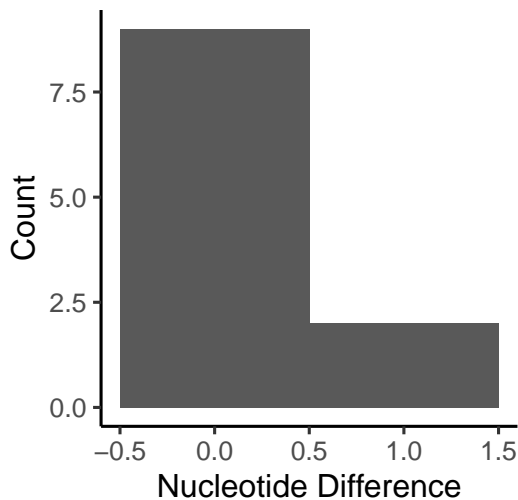
### IGLV3-25\*03

242 sequences assigned  
184 (76%) exact matches, in which:  
178 unique CDR3  
4 unique J



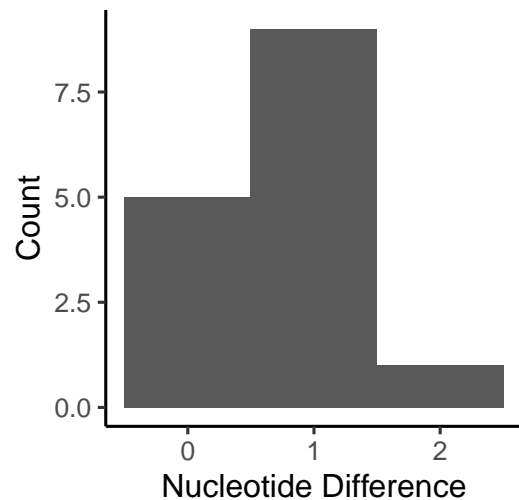
### IGLV4-3\*01

11 sequences assigned  
9 (81.8%) exact matches, in which:  
9 unique CDR3  
2 unique J



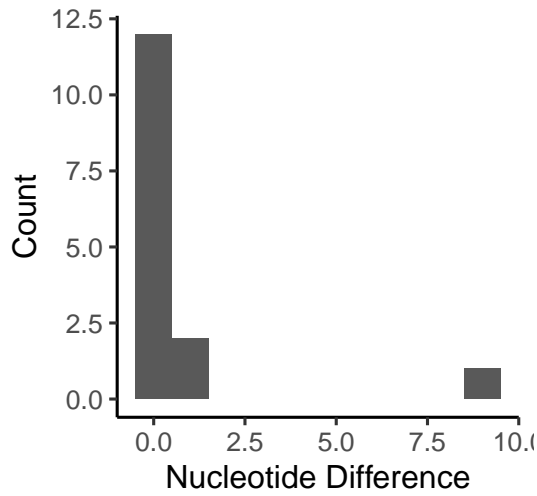
### IGLV5-37\*01

15 sequences assigned  
5 (33.3%) exact matches, in which:  
5 unique CDR3  
2 unique J



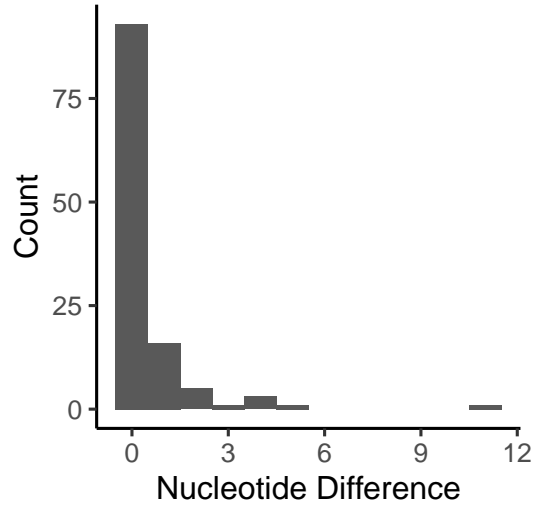
### IGLV5–39\*01

15 sequences assigned  
12 (80%) exact matches, in which:  
9 unique CDR3  
2 unique J



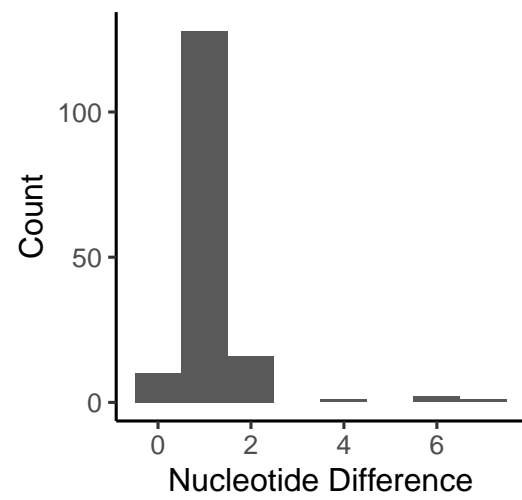
### IGLV6–57\*01

120 sequences assigned  
93 (77.5%) exact matches, in which:  
83 unique CDR3  
4 unique J



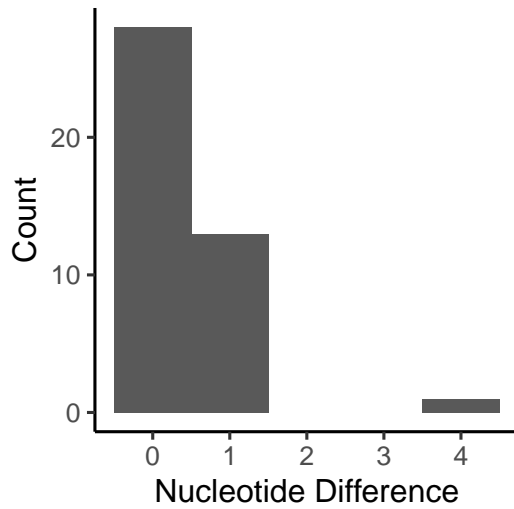
### IGLV7–46\*01

158 sequences assigned  
10 (6.3%) exact matches, in which:  
10 unique CDR3  
3 unique J



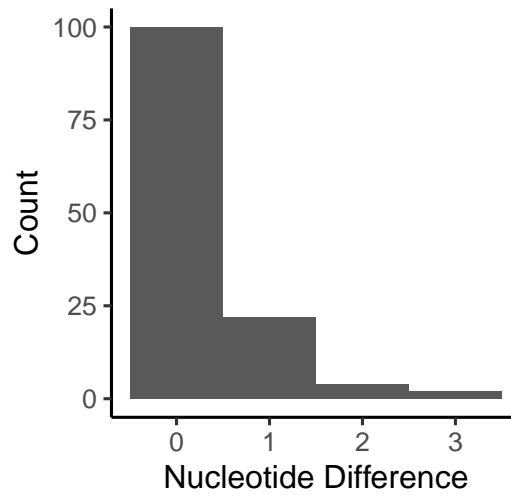
### IGLV5–45\*02

42 sequences assigned  
28 (66.7%) exact matches, in which:  
23 unique CDR3  
4 unique J



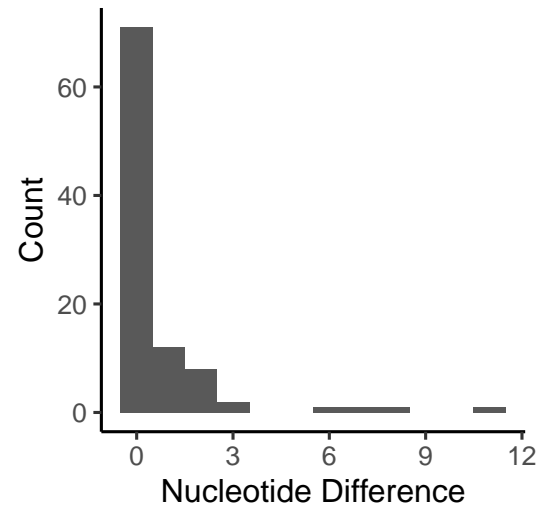
### IGLV6–57\*02

128 sequences assigned  
100 (78.1%) exact matches, in which:  
89 unique CDR3  
4 unique J



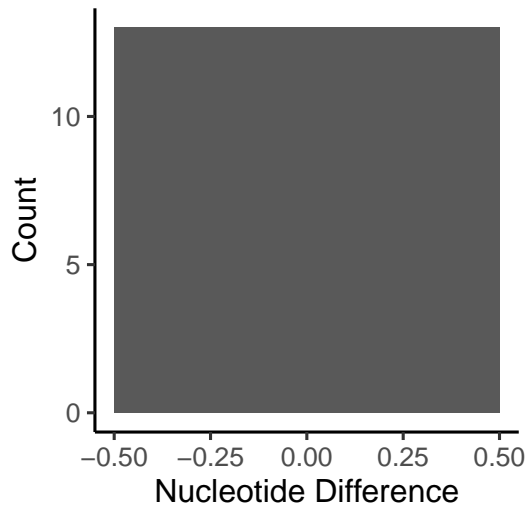
### IGLV8–61\*01

97 sequences assigned  
71 (73.2%) exact matches, in which:  
51 unique CDR3  
4 unique J



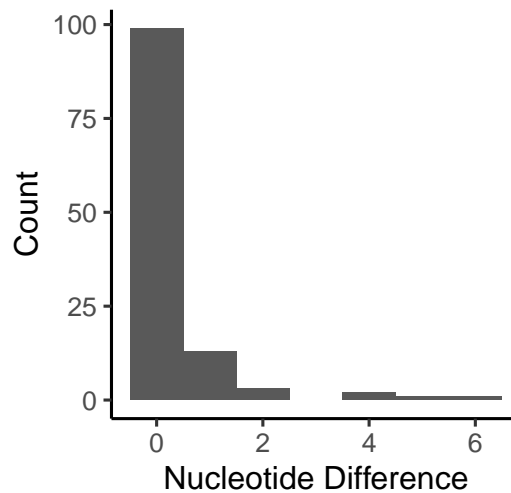
### IGLV5–52\*01

13 sequences assigned  
13 (100%) exact matches, in which:  
13 unique CDR3  
3 unique J



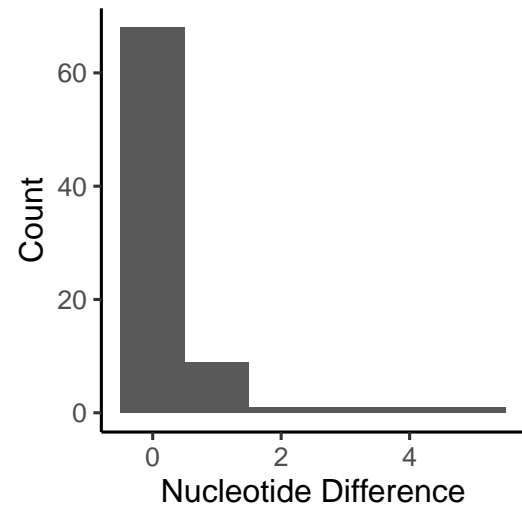
### IGLV7–43\*01

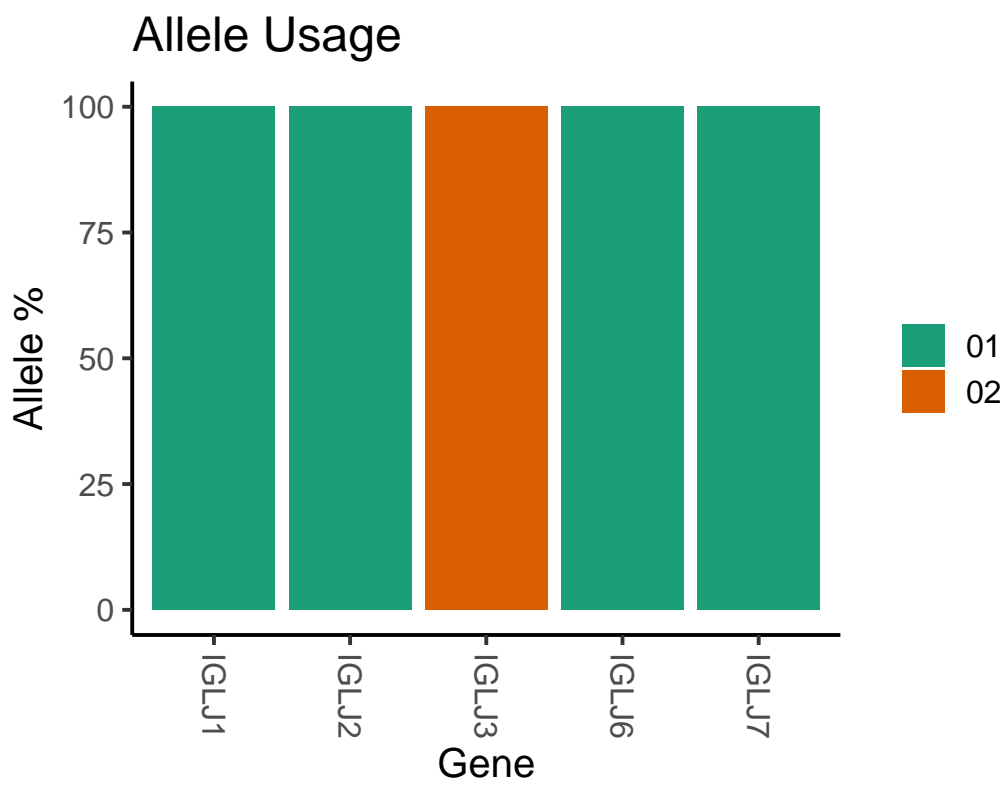
119 sequences assigned  
99 (83.2%) exact matches, in which:  
86 unique CDR3  
4 unique J



### IGLV9–49\*01

81 sequences assigned  
68 (84%) exact matches, in which:  
59 unique CDR3  
4 unique J





Warning – no inferred sequences found.