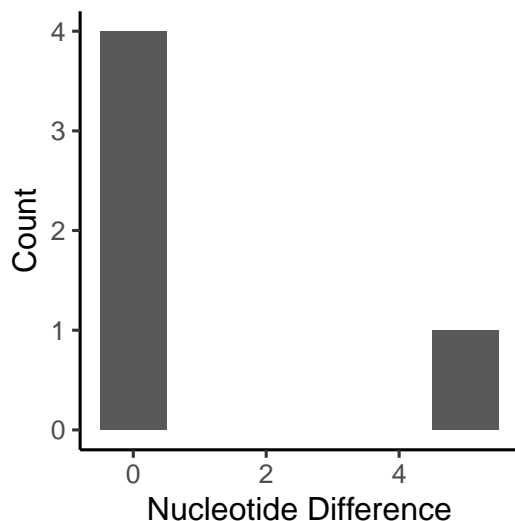


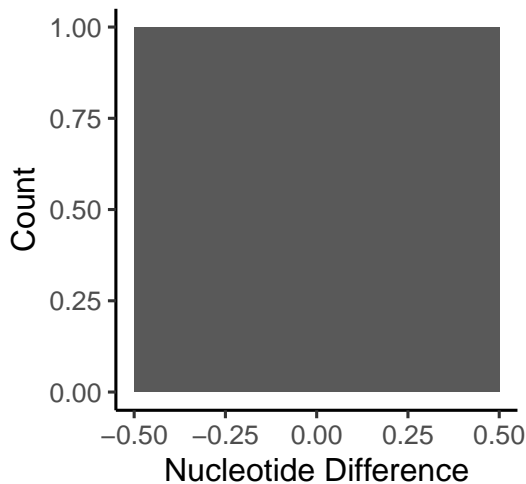
### IGLV10-54\*01

5 sequences assigned  
4 (80%) exact matches, in which:  
2 unique CDR3  
1 unique J



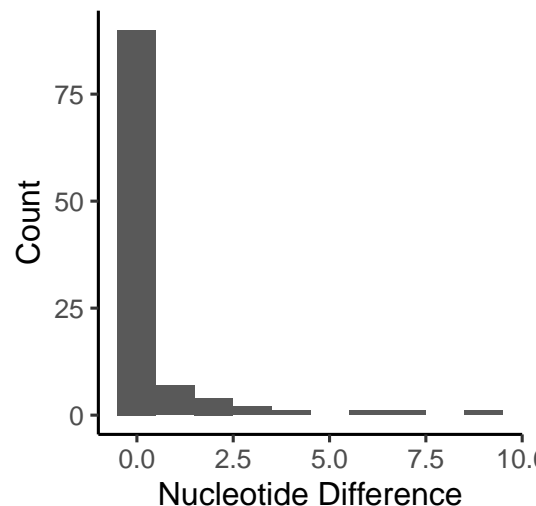
### IGLV1-41\*01

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



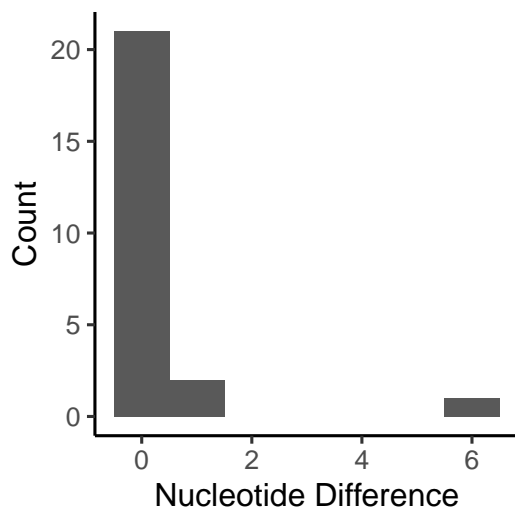
### IGLV1-51\*01

107 sequences assigned  
90 (84.1%) exact matches, in which:  
77 unique CDR3  
2 unique J



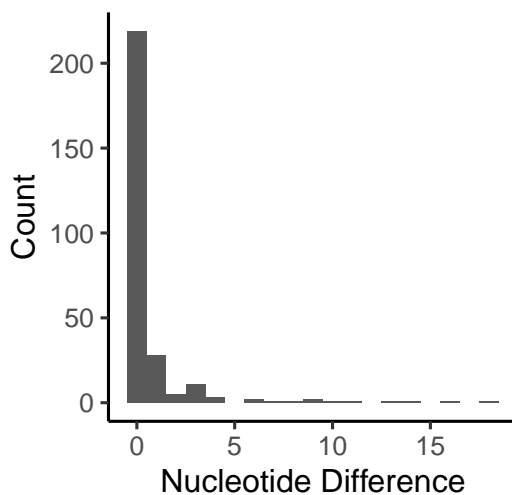
### IGLV1-36\*01

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



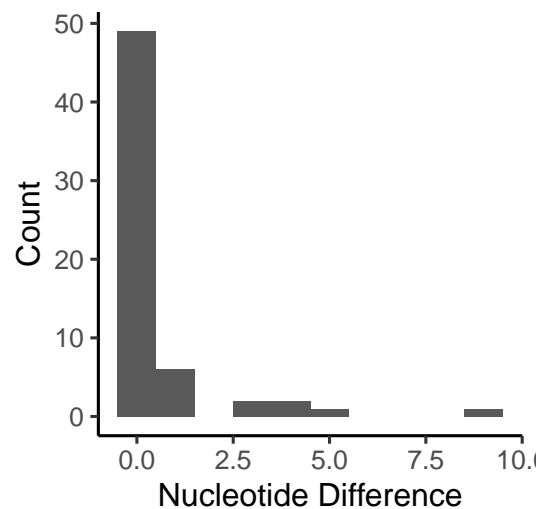
### IGLV1-44\*01

279 sequences assigned  
219 (78.5%) exact matches, in which:  
169 unique CDR3  
3 unique J



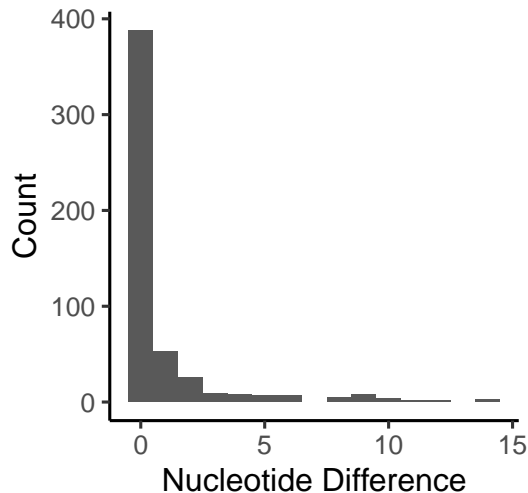
### IGLV1-51\*02

62 sequences assigned  
49 (79%) exact matches, in which:  
43 unique CDR3  
3 unique J



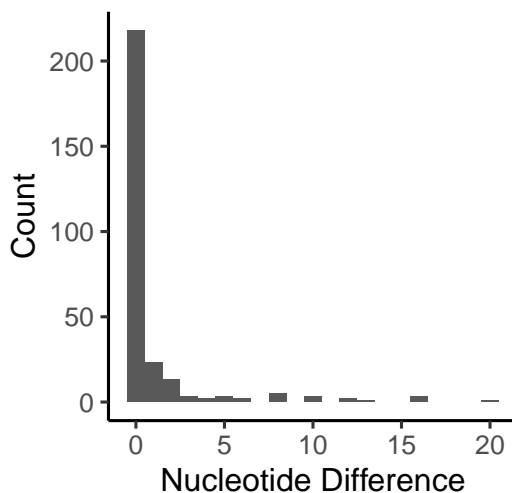
### IGLV1-40\*01

523 sequences assigned  
388 (74.2%) exact matches, in which:  
317 unique CDR3  
3 unique J



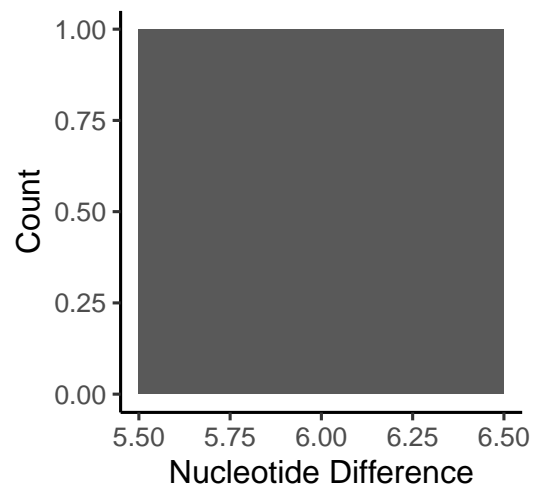
### IGLV1-47\*01

281 sequences assigned  
218 (77.6%) exact matches, in which:  
181 unique CDR3  
3 unique J



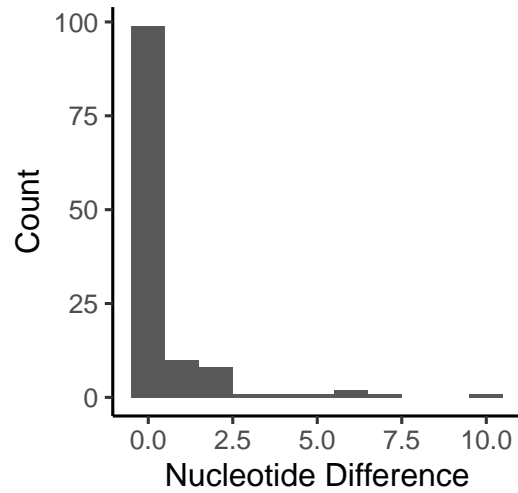
### IGLV2-5\*01

2 sequences assigned  
No exact matches.



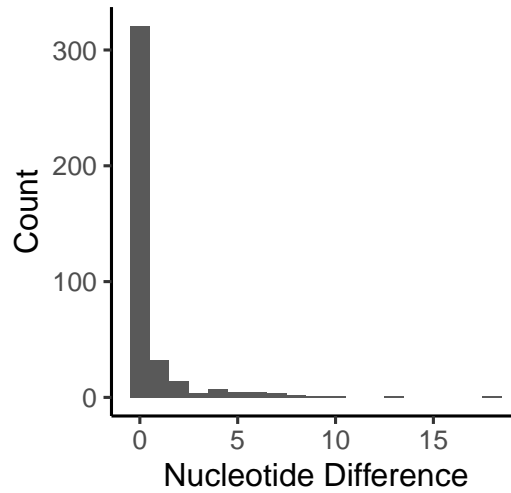
### IGLV2-8\*01

124 sequences assigned  
99 (79.8%) exact matches, in which:  
94 unique CDR3  
2 unique J



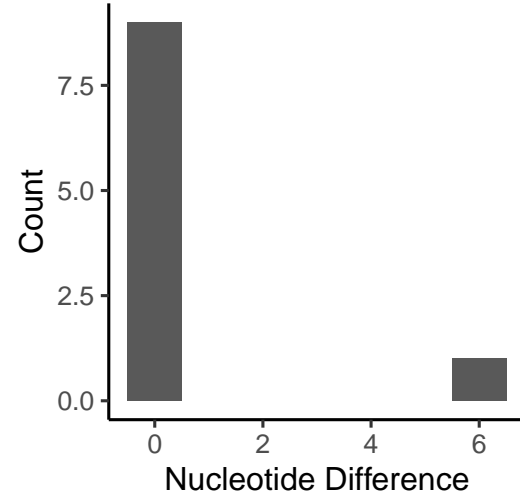
### IGLV2-14\*04EXT3

398 sequences assigned  
321 (80.7%) exact matches, in which:  
293 unique CDR3  
3 unique J



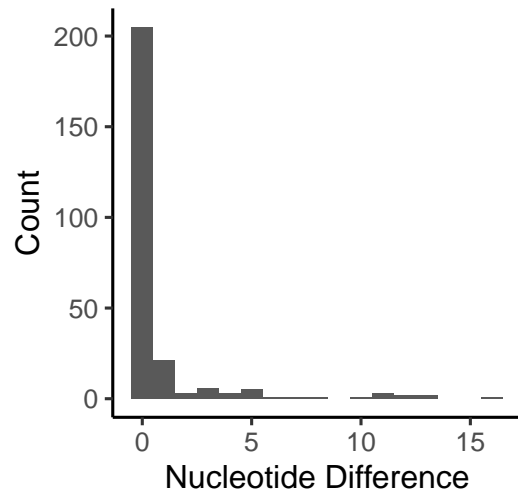
### IGLV2-23\*01

10 sequences assigned  
9 (90%) exact matches, in which:  
9 unique CDR3  
2 unique J



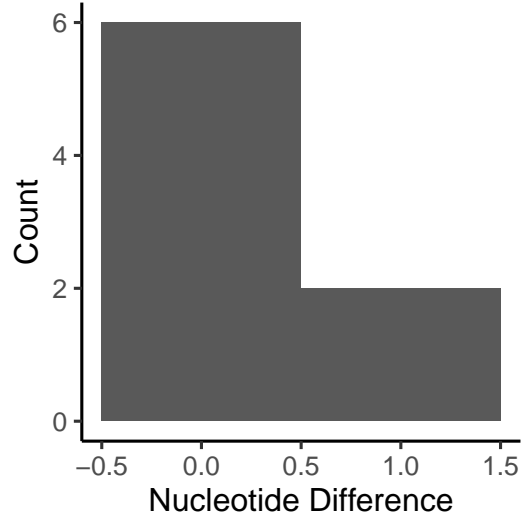
### IGLV2-11\*01

255 sequences assigned  
205 (80.4%) exact matches, in which:  
186 unique CDR3  
2 unique J



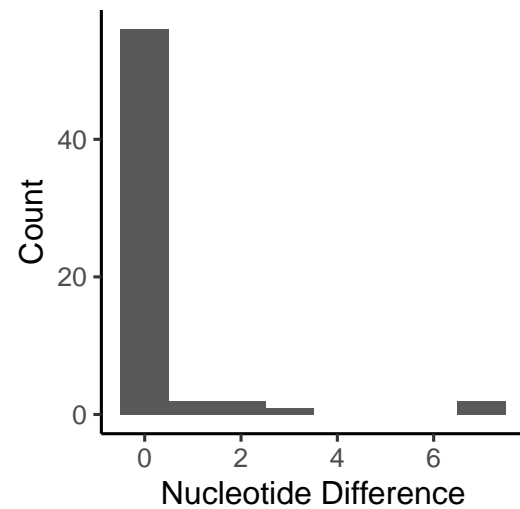
### IGLV2-18\*01

8 sequences assigned  
6 (75%) exact matches, in which:  
6 unique CDR3  
2 unique J



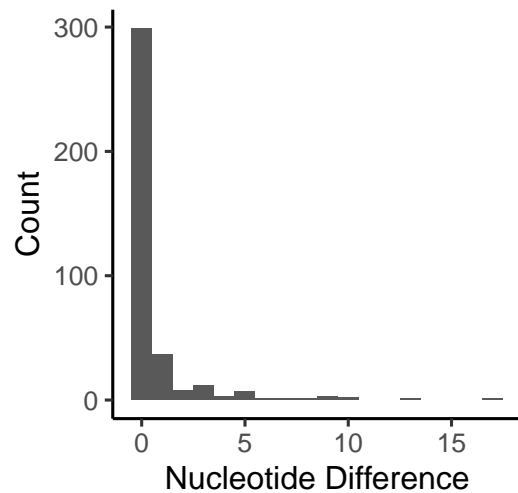
### IGLV2-23\*03EXT5

63 sequences assigned  
56 (88.9%) exact matches, in which:  
54 unique CDR3  
2 unique J



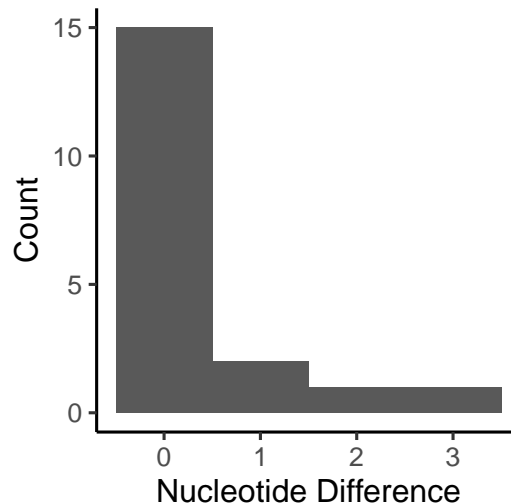
### IGLV2-14\*01

376 sequences assigned  
299 (79.5%) exact matches, in which:  
286 unique CDR3  
2 unique J



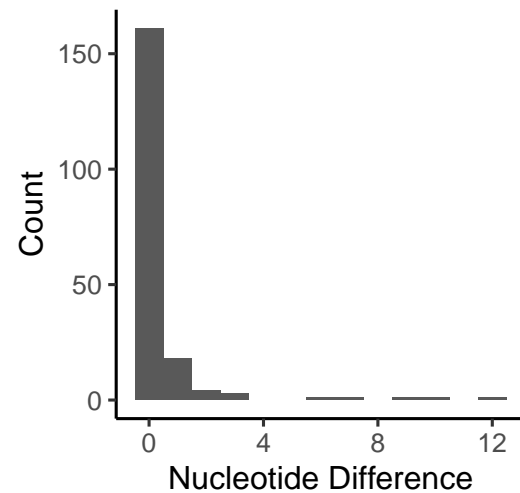
### IGLV2-18\*02

19 sequences assigned  
15 (78.9%) exact matches, in which:  
12 unique CDR3  
2 unique J



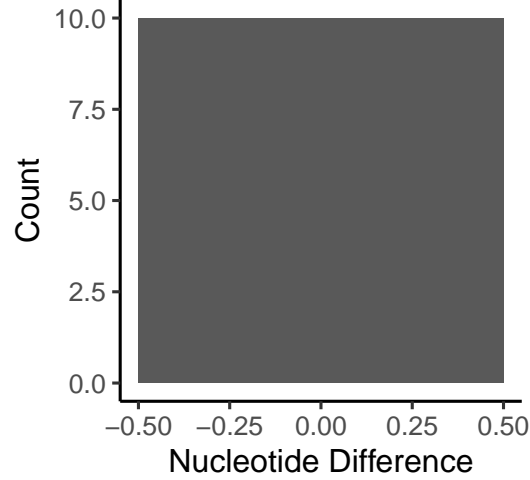
### IGLV3-1\*01

191 sequences assigned  
161 (84.3%) exact matches, in which:  
149 unique CDR3  
3 unique J



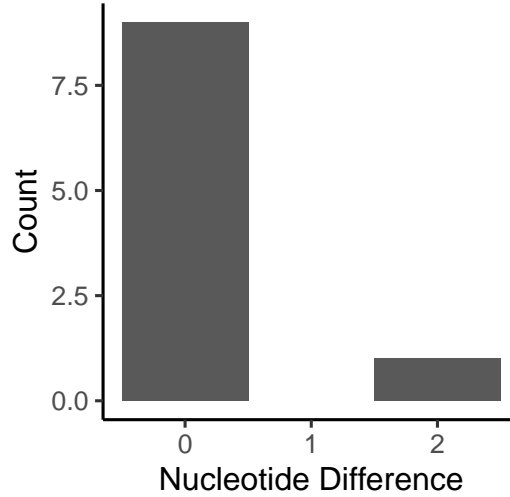
### IGLV3-9\*01EXT5

10 sequences assigned  
10 (100%) exact matches, in which:  
10 unique CDR3  
2 unique J



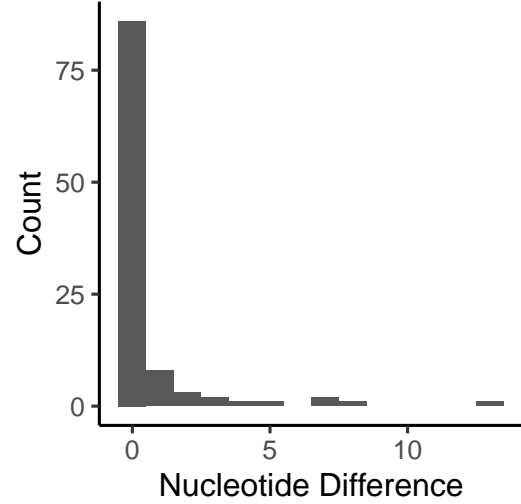
### IGLV3-16\*01

10 sequences assigned  
9 (90%) exact matches, in which:  
9 unique CDR3  
3 unique J



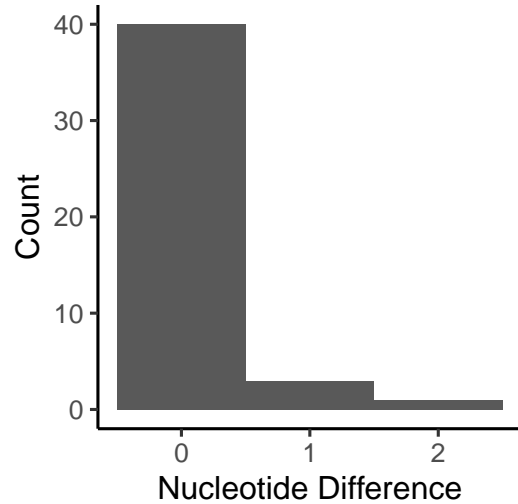
### IGLV3-21\*03

105 sequences assigned  
86 (81.9%) exact matches, in which:  
84 unique CDR3  
3 unique J



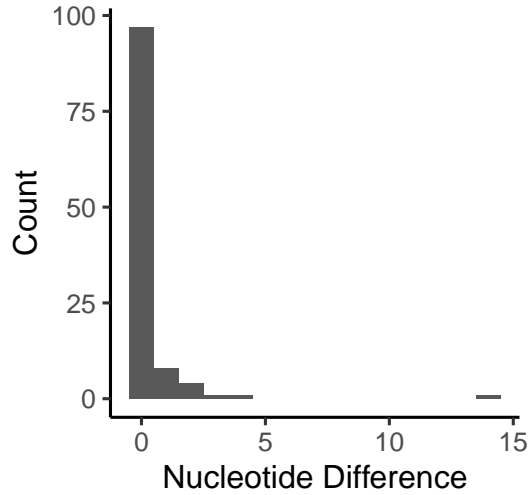
### IGLV3-10\*01

44 sequences assigned  
40 (90.9%) exact matches, in which:  
40 unique CDR3  
2 unique J



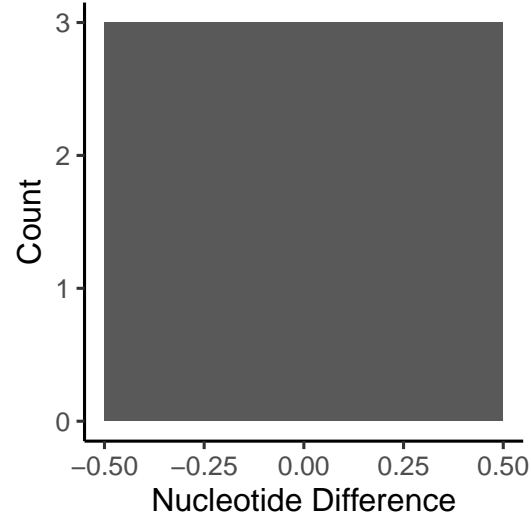
### IGLV3-19\*01

112 sequences assigned  
97 (86.6%) exact matches, in which:  
88 unique CDR3  
3 unique J



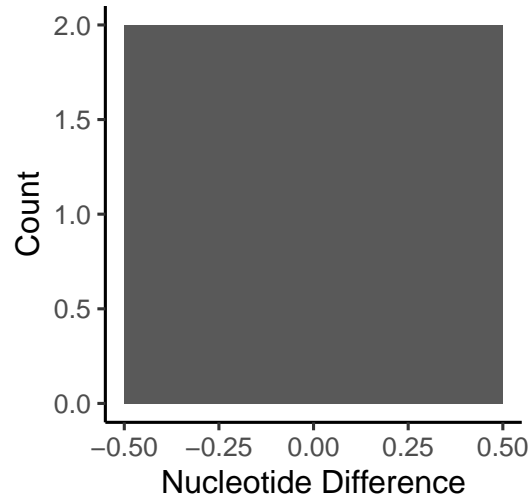
### IGLV3-22\*01

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



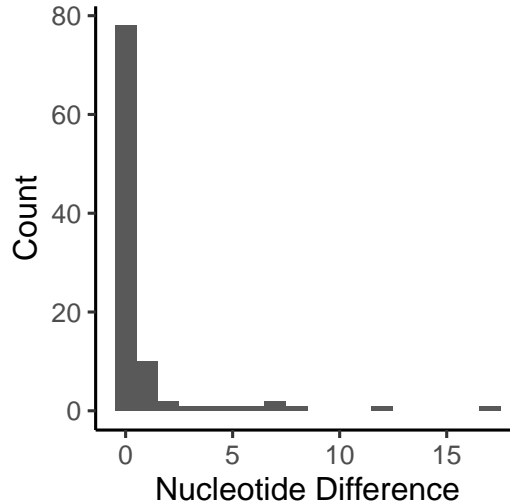
### IGLV3-12\*02

2 sequences assigned  
2 (100%) exact matches, in which:  
2 unique CDR3  
1 unique J



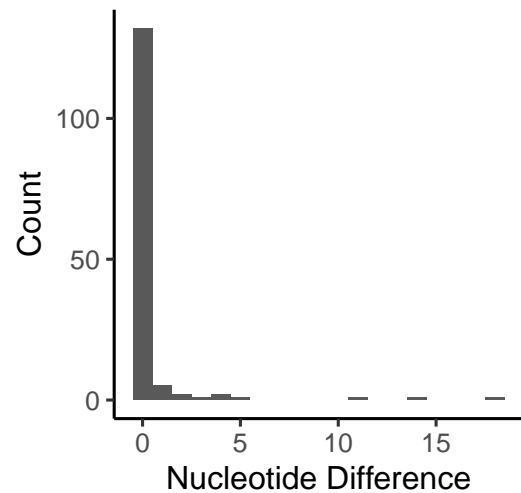
### IGLV3-21\*02

99 sequences assigned  
78 (78.8%) exact matches, in which:  
76 unique CDR3  
3 unique J



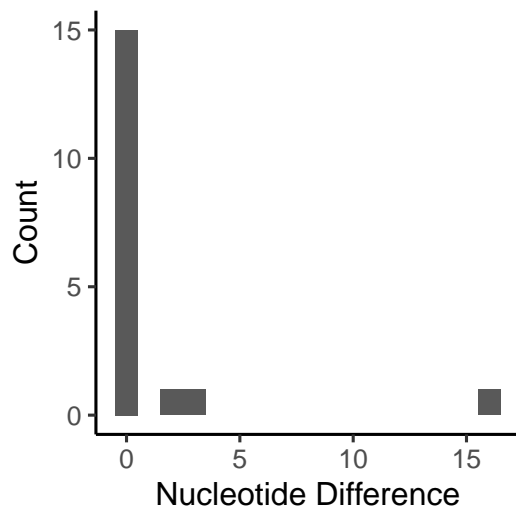
### IGLV3-25\*03

146 sequences assigned  
132 (90.4%) exact matches, in which:  
127 unique CDR3  
3 unique J



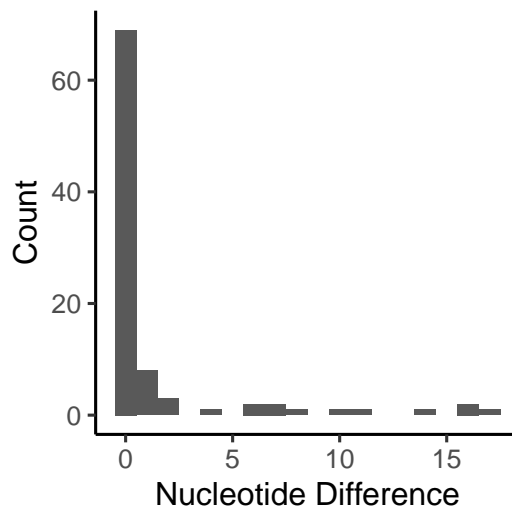
### IGLV3-27\*01

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



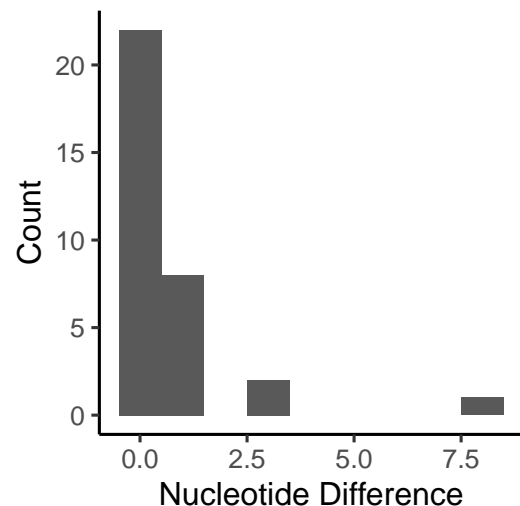
### IGLV4-69\*01

92 sequences assigned  
69 (75%) exact matches, in which:  
60 unique CDR3  
2 unique J



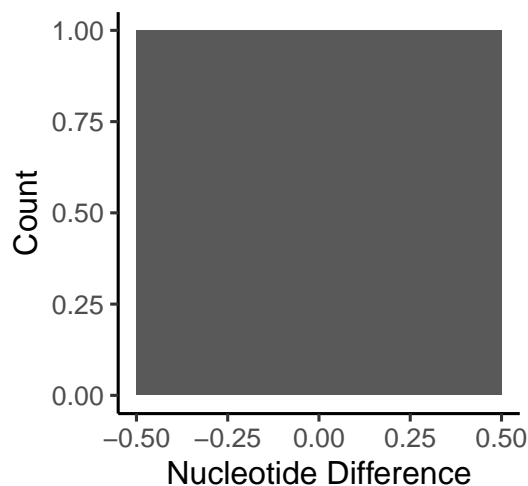
### IGLV5-45\*03

33 sequences assigned  
22 (66.7%) exact matches, in which:  
16 unique CDR3  
3 unique J



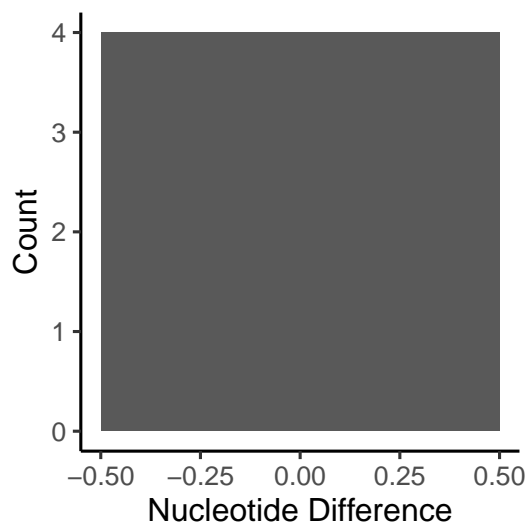
### IGLV4-3\*01

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



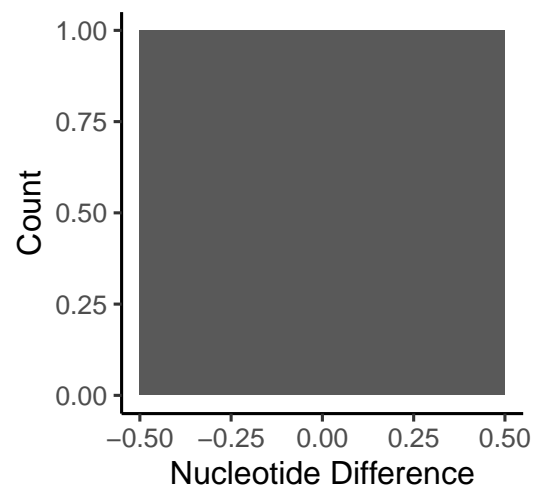
### IGLV5-37\*01

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



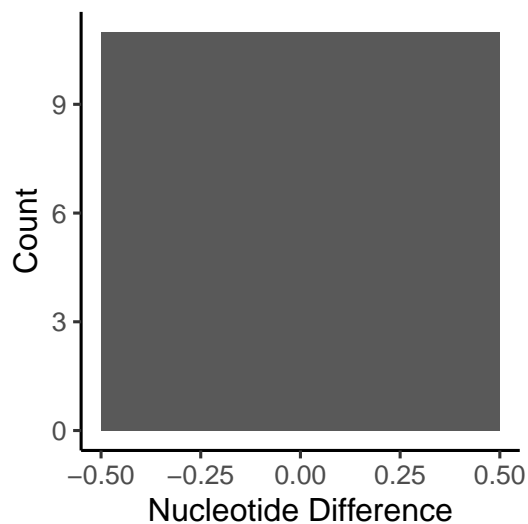
### IGLV5-48\*01

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



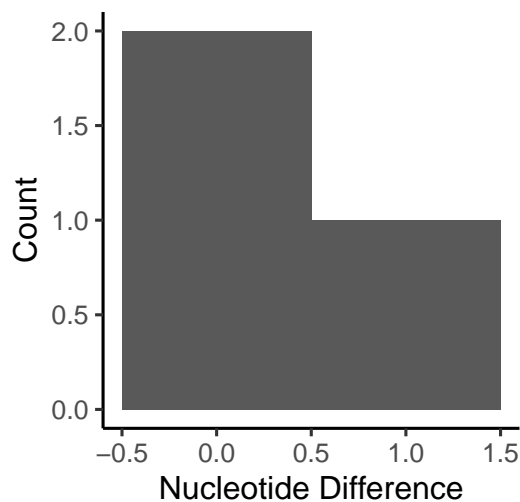
### IGLV4-60\*02

11 sequences assigned  
11 (100%) exact matches, in which:  
9 unique CDR3  
2 unique J



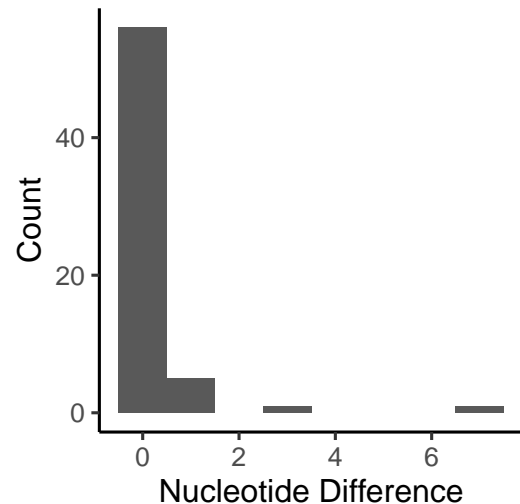
### IGLV5-39\*01

3 sequences assigned  
2 (66.7%) exact matches, in which:  
1 unique CDR3  
1 unique J



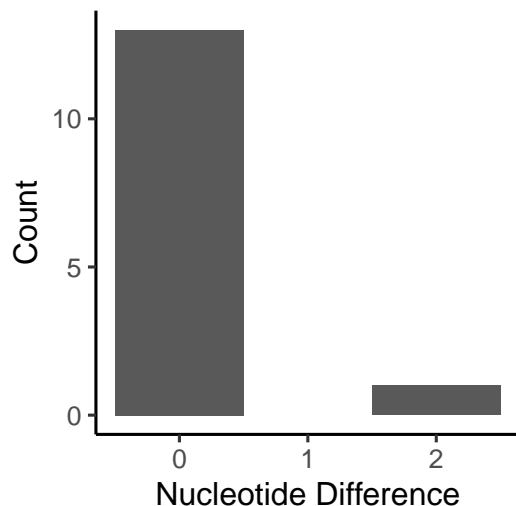
### IGLV6-57\*01

63 sequences assigned  
56 (88.9%) exact matches, in which:  
52 unique CDR3  
2 unique J



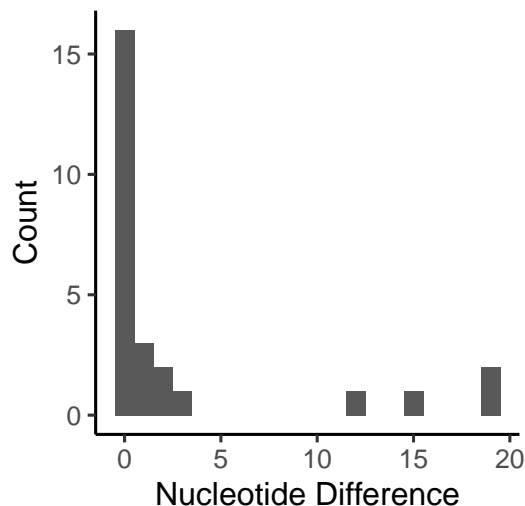
## IGLV6-57\*02

14 sequences assigned  
13 (92.9%) exact matches, in which:  
13 unique CDR3  
2 unique J



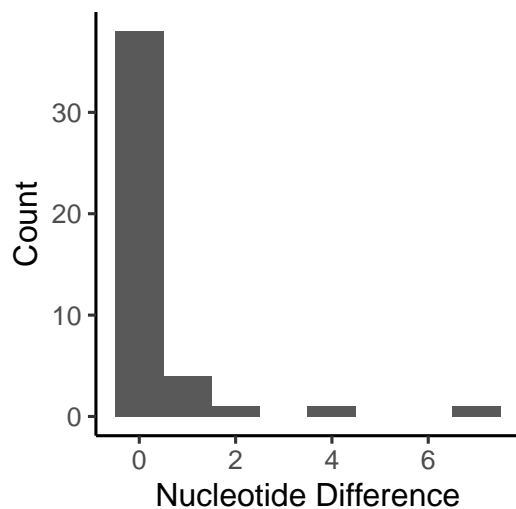
## IGLV8-61\*01

26 sequences assigned  
16 (61.5%) exact matches, in which:  
15 unique CDR3  
1 unique J



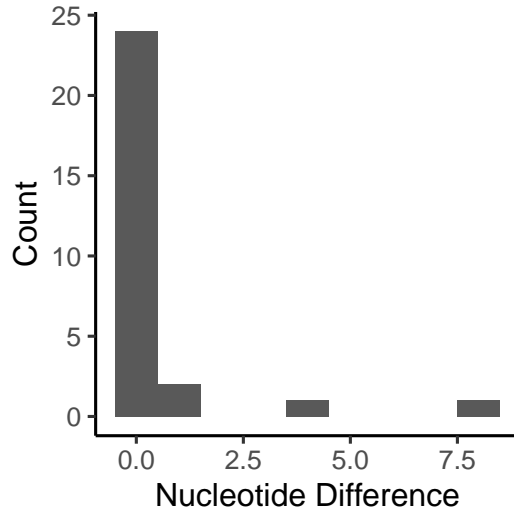
## IGLV7-43\*01

45 sequences assigned  
38 (84.4%) exact matches, in which:  
35 unique CDR3  
2 unique J



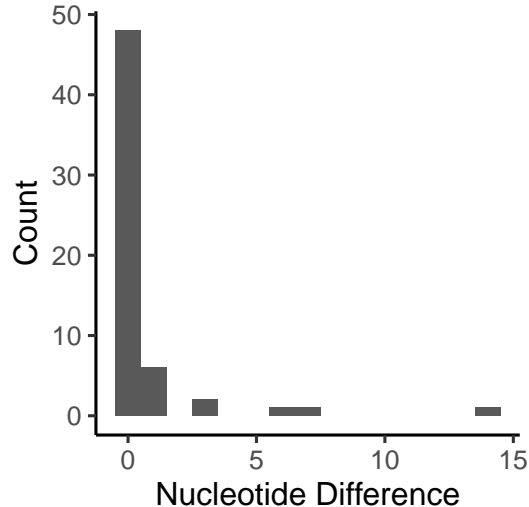
## IGLV9-49\*01

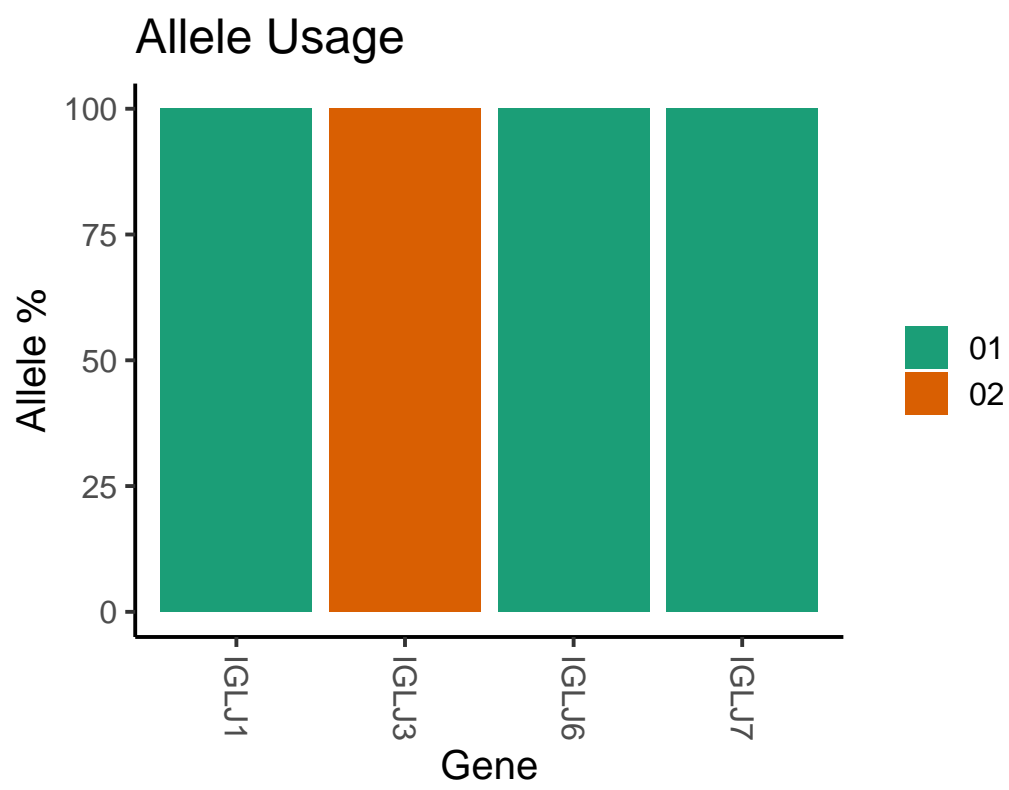
28 sequences assigned  
24 (85.7%) exact matches, in which:  
24 unique CDR3  
2 unique J



## IGLV7-46\*01

59 sequences assigned  
48 (81.4%) exact matches, in which:  
44 unique CDR3  
3 unique J





Warning – no inferred sequences found.