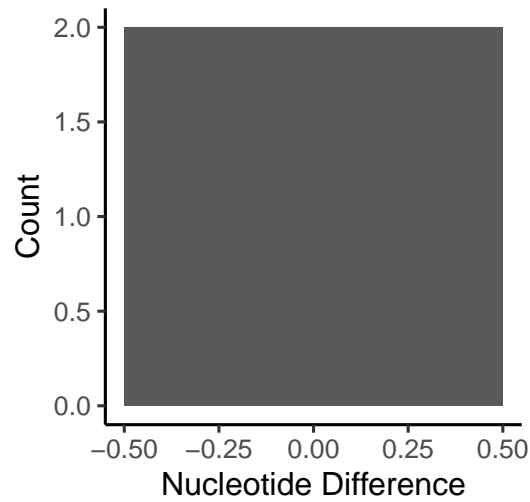


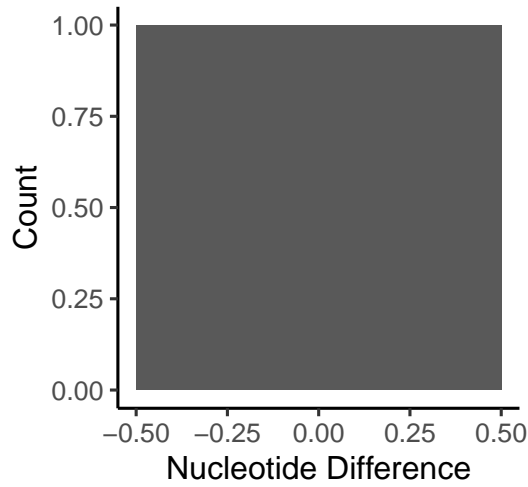
### IGLV10-54\*02

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



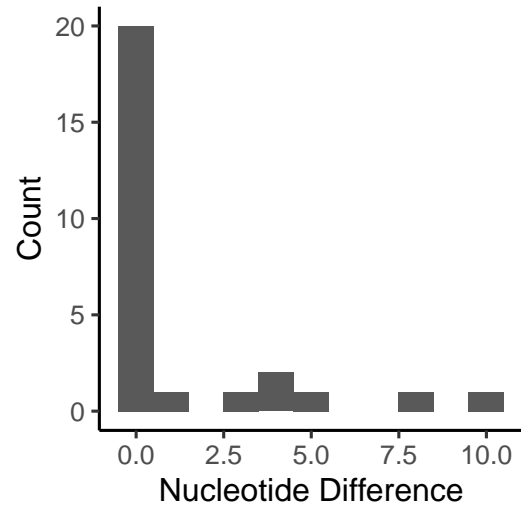
### IGLV1-41\*01

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



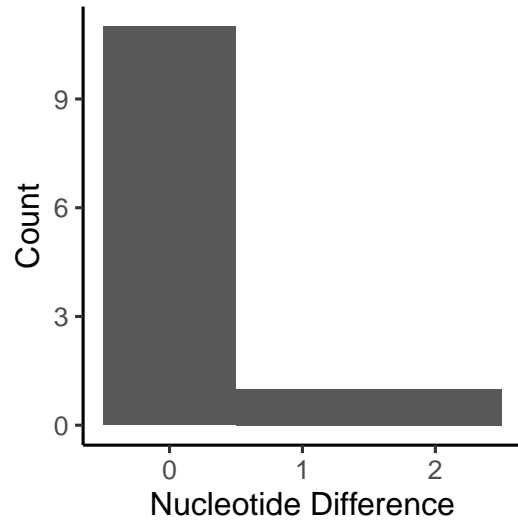
### IGLV1-51\*01

27 sequences assigned  
20 (74.1%) exact matches, in which:  
16 unique CDR3  
2 unique J



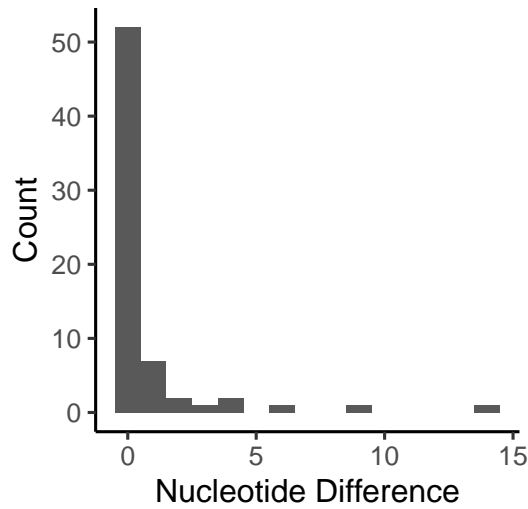
### IGLV1-36\*01

13 sequences assigned  
11 (84.6%) exact matches, in which:  
8 unique CDR3  
3 unique J



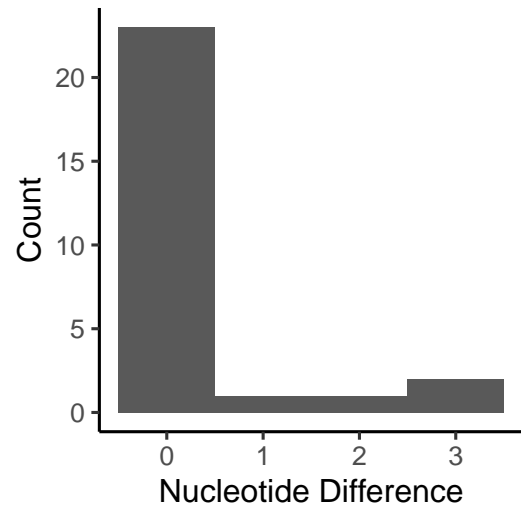
### IGLV1-44\*01

67 sequences assigned  
52 (77.6%) exact matches, in which:  
37 unique CDR3  
3 unique J



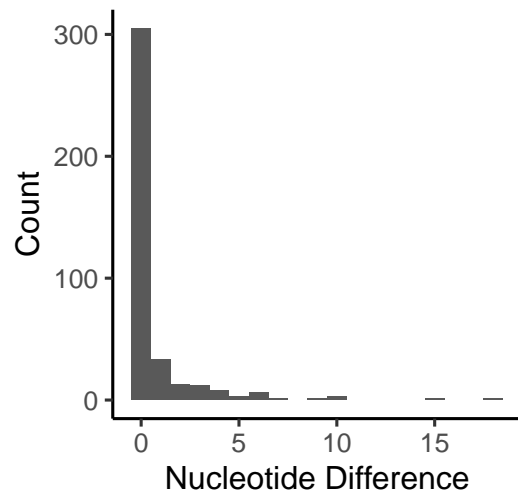
### IGLV1-51\*02

27 sequences assigned  
23 (85.2%) exact matches, in which:  
20 unique CDR3  
2 unique J



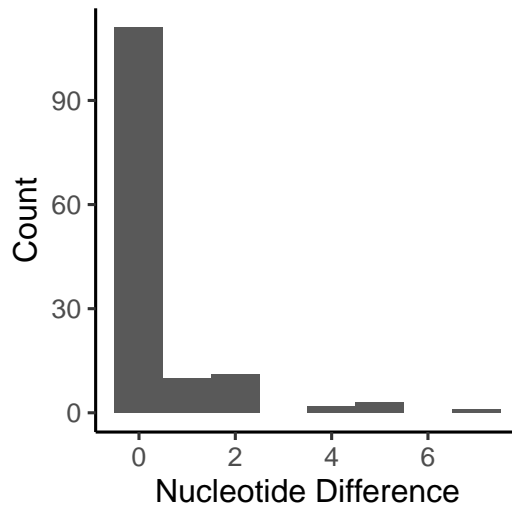
### IGLV1-40\*01

387 sequences assigned  
305 (78.8%) exact matches, in which:  
223 unique CDR3  
3 unique J



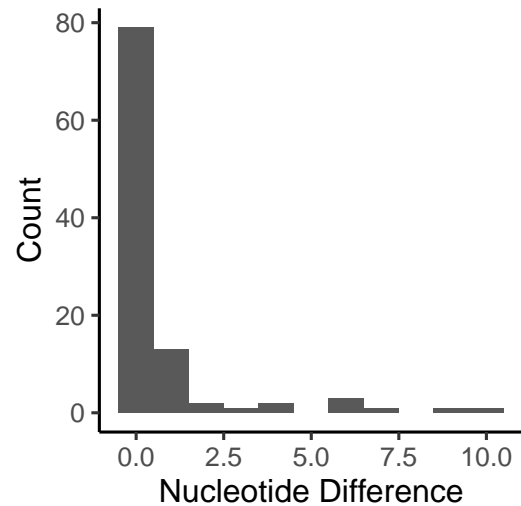
### IGLV1-47\*01

138 sequences assigned  
111 (80.4%) exact matches, in which:  
78 unique CDR3  
3 unique J



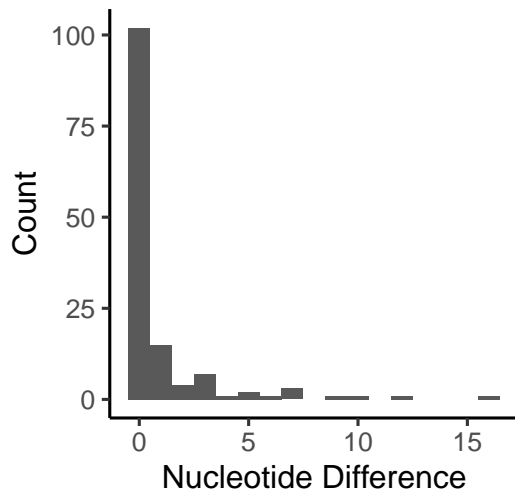
### IGLV2-8\*01

103 sequences assigned  
79 (76.7%) exact matches, in which:  
66 unique CDR3  
2 unique J



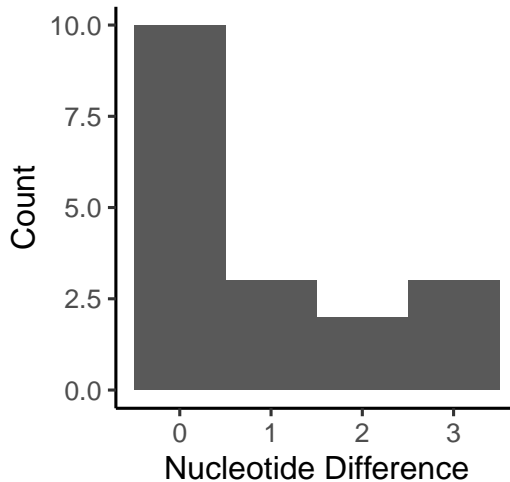
### IGLV2-11\*01

139 sequences assigned  
102 (73.4%) exact matches, in which:  
80 unique CDR3  
2 unique J



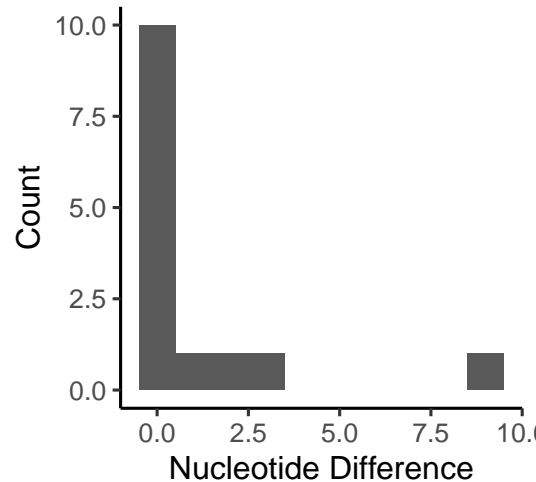
### IGLV2-18\*02

18 sequences assigned  
10 (55.6%) exact matches, in which:  
5 unique CDR3  
2 unique J



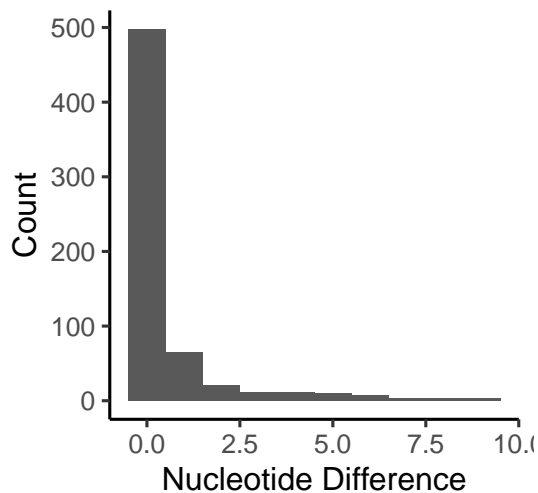
### IGLV3-9\*01EXT5

14 sequences assigned  
10 (71.4%) exact matches, in which:  
10 unique CDR3  
3 unique J



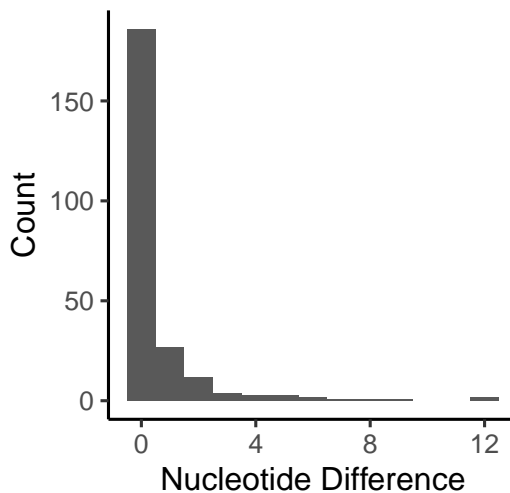
### IGLV2-14\*01

636 sequences assigned  
498 (78.3%) exact matches, in which:  
376 unique CDR3  
5 unique J



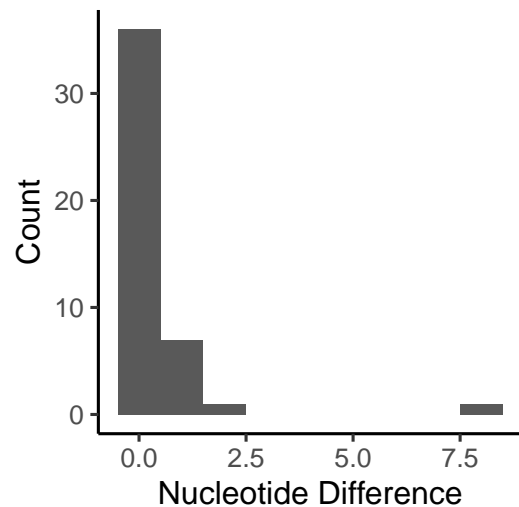
### IGLV2-23\*03EXT5

243 sequences assigned  
186 (76.5%) exact matches, in which:  
148 unique CDR3  
3 unique J



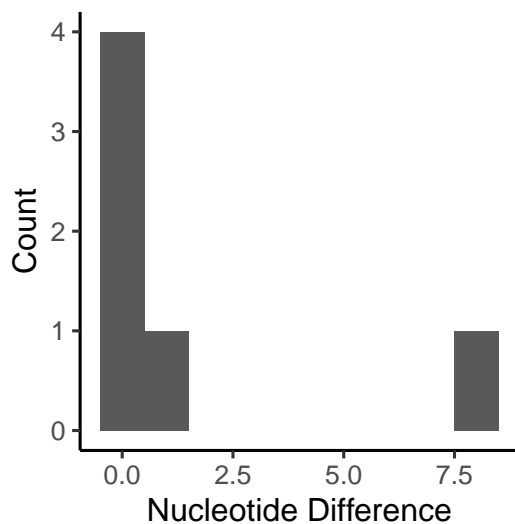
### IGLV3-10\*01

45 sequences assigned  
36 (80%) exact matches, in which:  
35 unique CDR3  
2 unique J



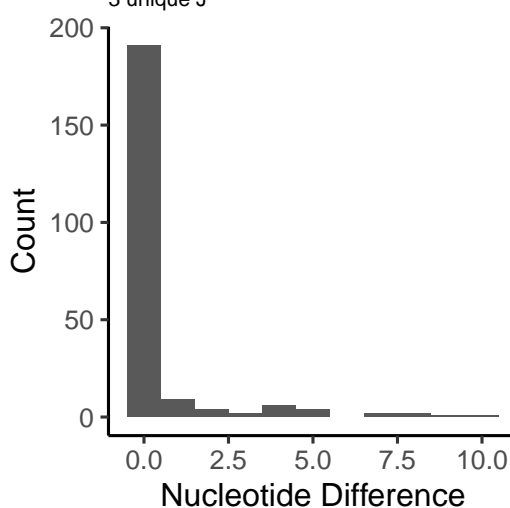
### IGLV2-18\*01

6 sequences assigned  
4 (66.7%) exact matches, in which:  
3 unique CDR3  
2 unique J



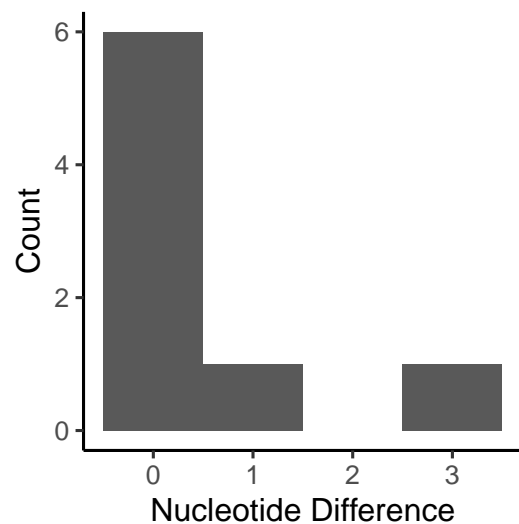
### IGLV3-1\*01

222 sequences assigned  
191 (86%) exact matches, in which:  
142 unique CDR3  
3 unique J



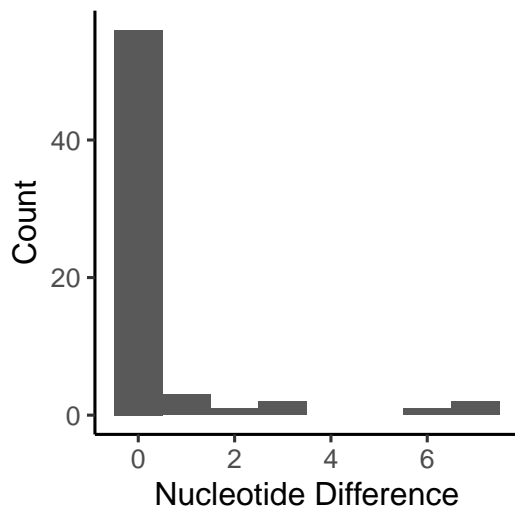
### IGLV3-16\*01

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



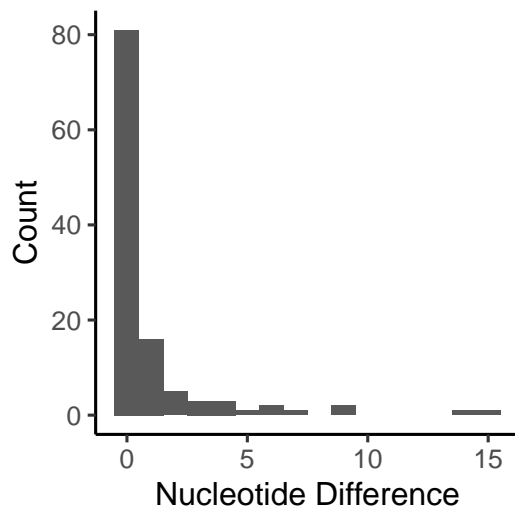
### IGLV3-19\*01

65 sequences assigned  
56 (86.2%) exact matches, in which:  
42 unique CDR3  
2 unique J



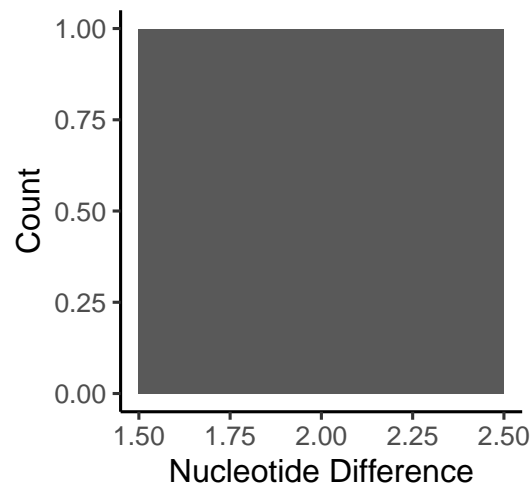
### IGLV3-25\*02

117 sequences assigned  
81 (69.2%) exact matches, in which:  
65 unique CDR3  
2 unique J



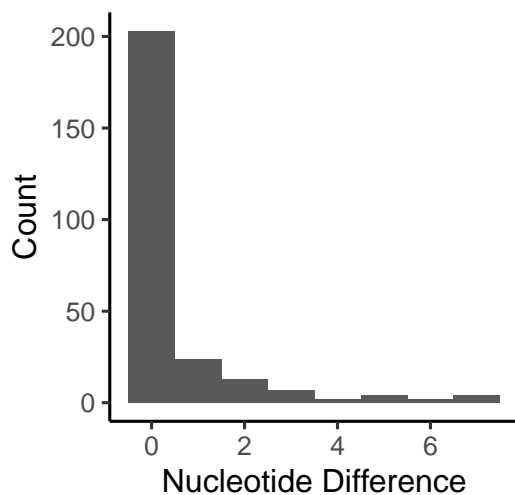
### IGLV4-60\*03EXT5

1 sequences assigned  
No exact matches.



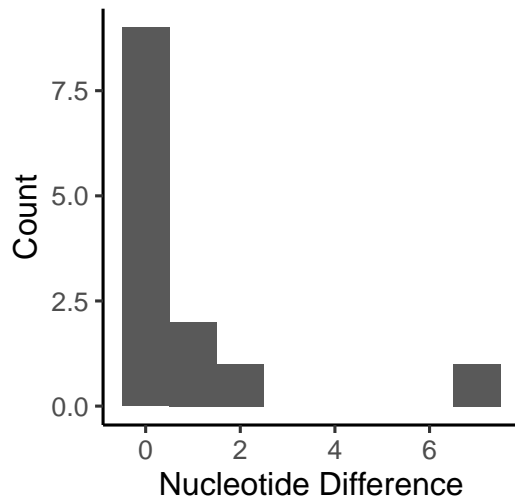
### IGLV3-21\*02

259 sequences assigned  
203 (78.4%) exact matches, in which:  
141 unique CDR3  
4 unique J



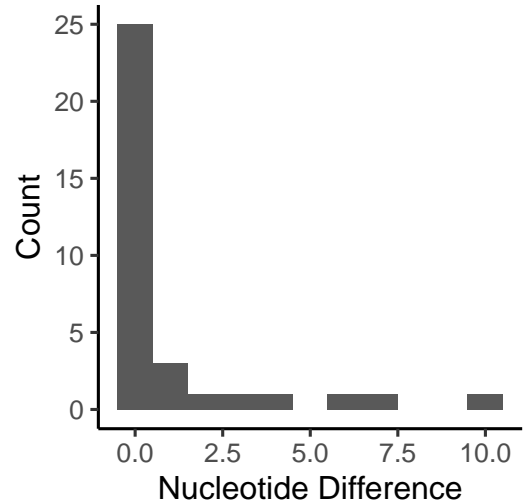
### IGLV3-27\*01

13 sequences assigned  
9 (69.2%) exact matches, in which:  
9 unique CDR3  
2 unique J



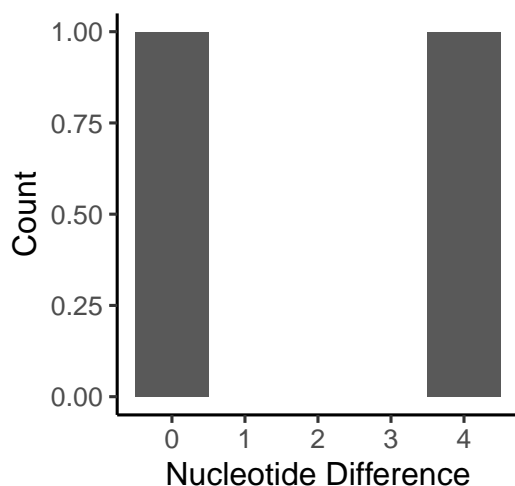
### IGLV4-69\*01

34 sequences assigned  
25 (73.5%) exact matches, in which:  
24 unique CDR3  
4 unique J



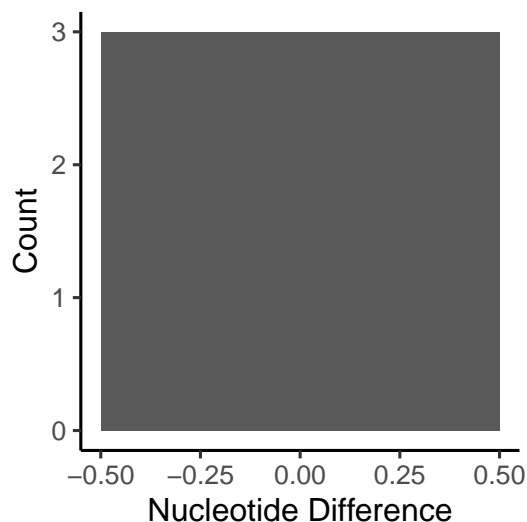
### IGLV3-22\*01

2 sequences assigned  
1 (50%) exact matches, in which:  
1 unique CDR3  
1 unique J



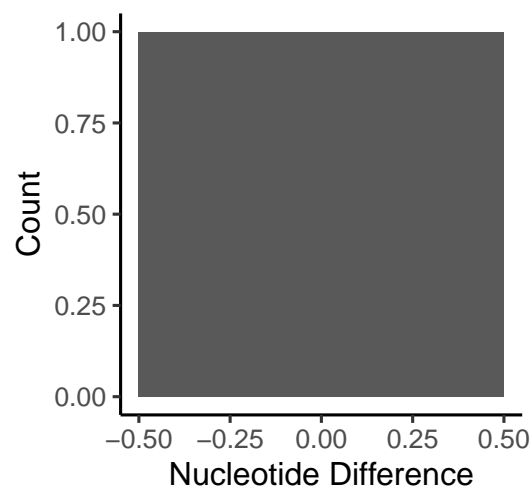
### IGLV4-3\*01

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



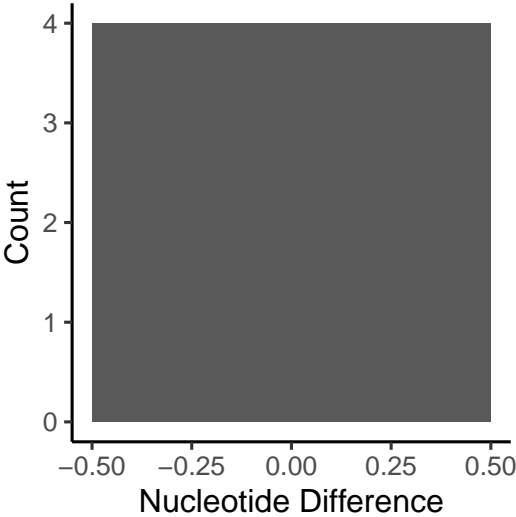
### IGLV5-37\*01

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



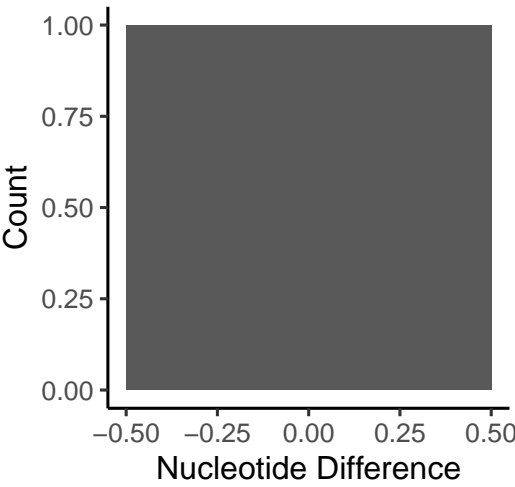
IGLV5–39\*01

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



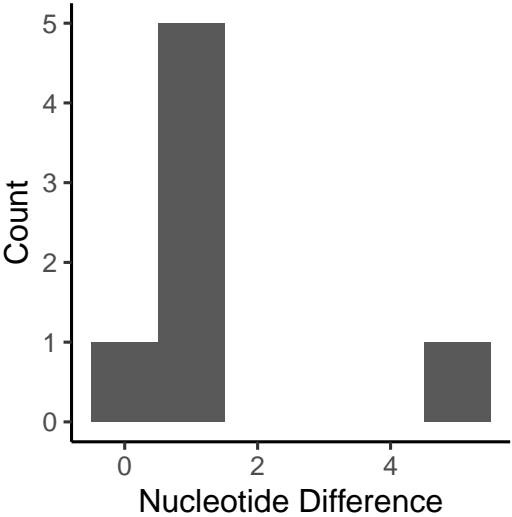
IGLV5–48\*01

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



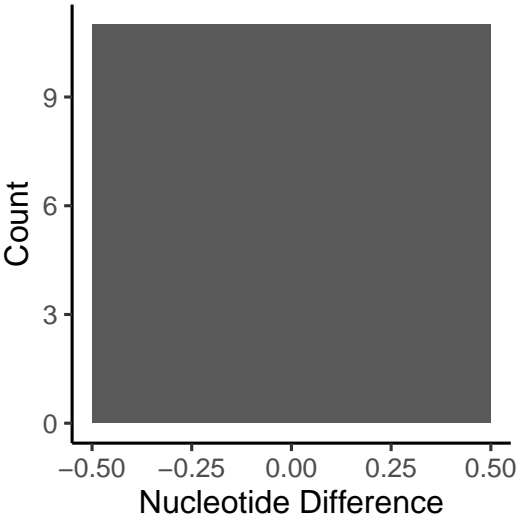
IGLV6–57\*03

7 sequences assigned  
1 (14.3%) exact matches, in which:  
1 unique CDR3  
1 unique J



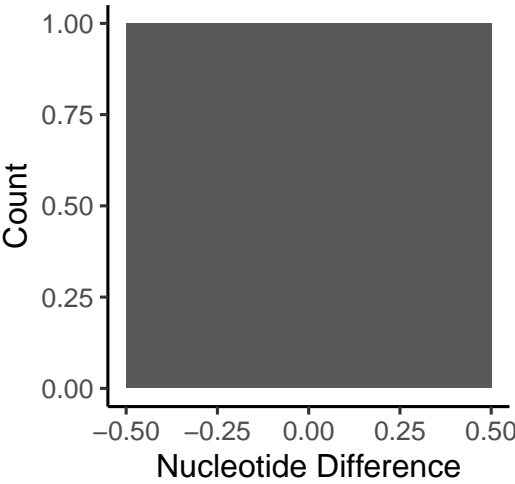
IGLV5–45\*01

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



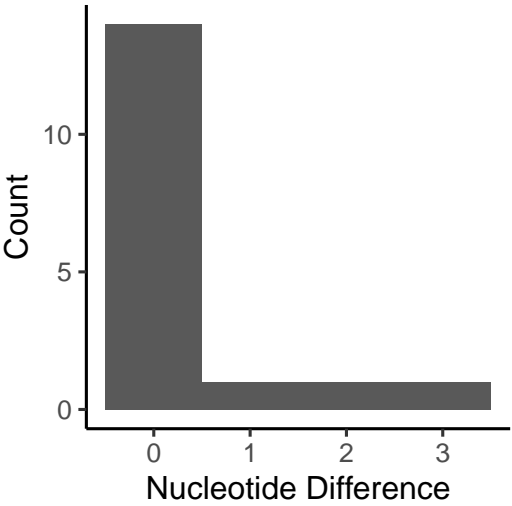
IGLV5–52\*01

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



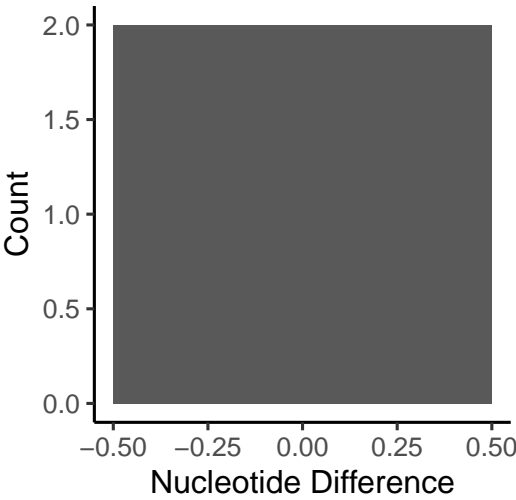
IGLV7–43\*01

17 sequences assigned  
14 (82.4%) exact matches, in which:  
14 unique CDR3  
2 unique J



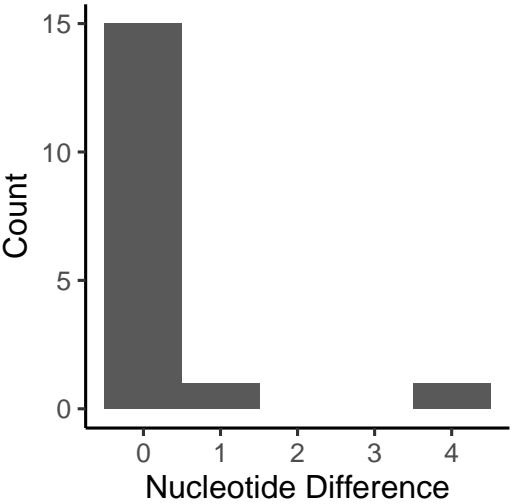
IGLV5–45\*02

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



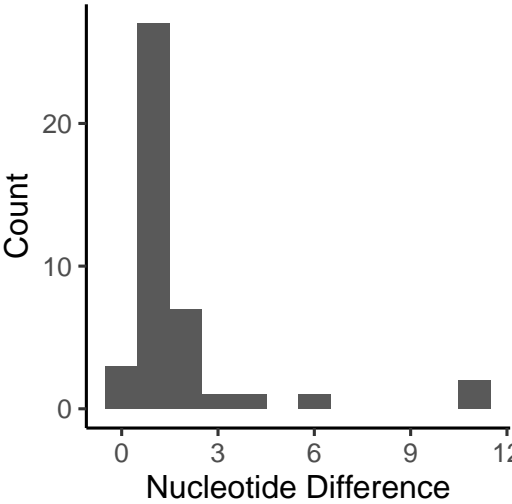
IGLV6–57\*02

17 sequences assigned  
15 (88.2%) exact matches, in which:  
14 unique CDR3  
3 unique J



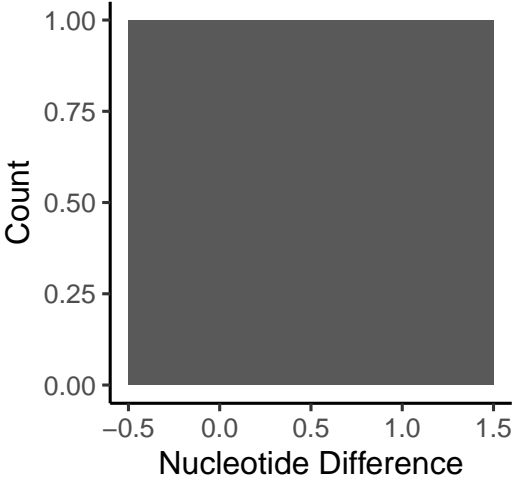
IGLV7–46\*01

42 sequences assigned  
3 (7.1%) exact matches, in which:  
3 unique CDR3  
1 unique J



IGLV9-49\*01

2 sequences assigned  
1 (50%) exact matches, in which:  
1 unique CDR3  
1 unique J



Allele Usage



Warning – no inferred sequences found.