

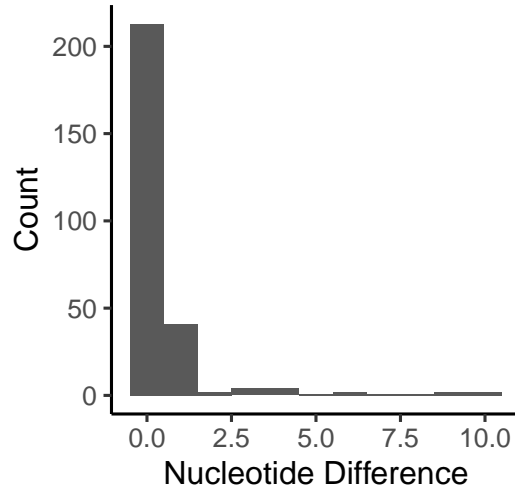
### IGLV10-54\*01

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



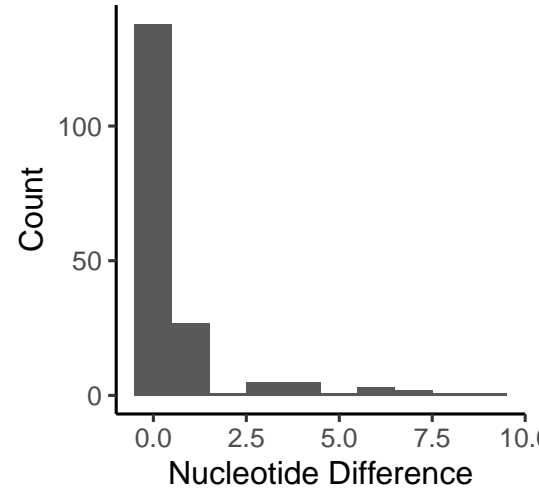
### IGLV1-40\*01

273 sequences assigned  
213 (78%) exact matches, in which:  
195 unique CDR3  
3 unique J



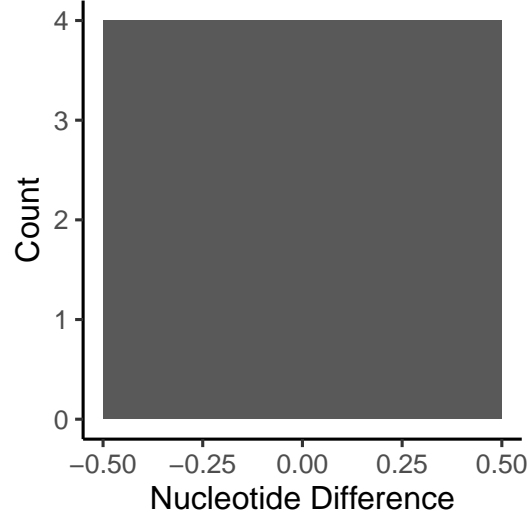
### IGLV1-47\*01

184 sequences assigned  
138 (75%) exact matches, in which:  
113 unique CDR3  
3 unique J



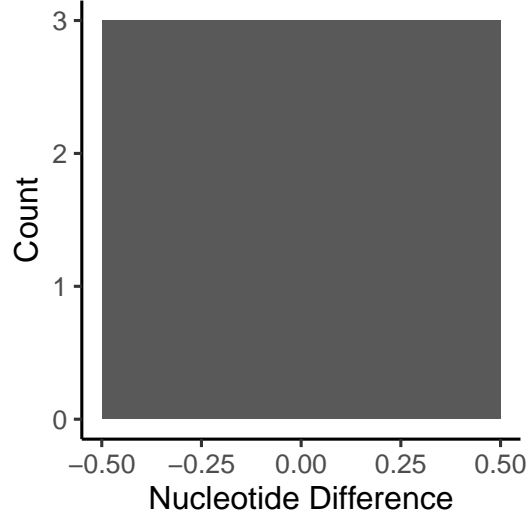
### IGLV10-54\*02

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



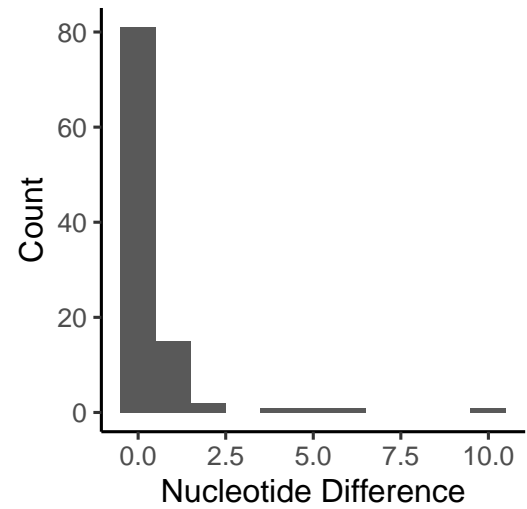
### IGLV1-41\*01

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



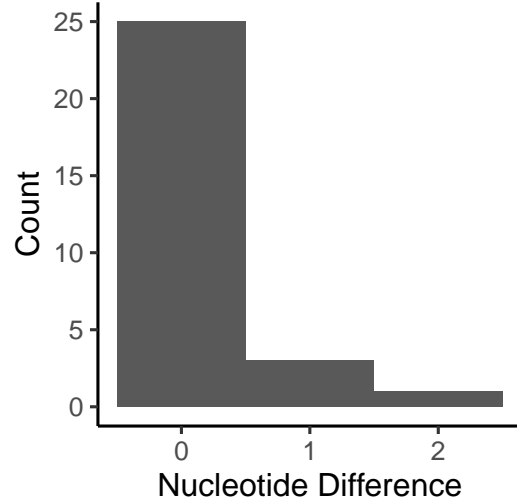
### IGLV1-51\*01

102 sequences assigned  
81 (79.4%) exact matches, in which:  
75 unique CDR3  
3 unique J



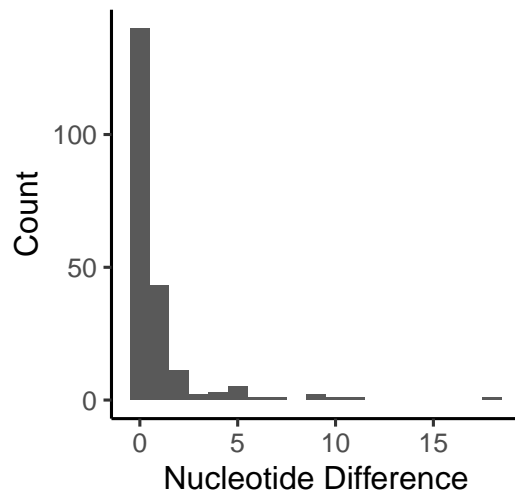
### IGLV1-36\*01

29 sequences assigned  
25 (86.2%) exact matches, in which:  
23 unique CDR3  
2 unique J



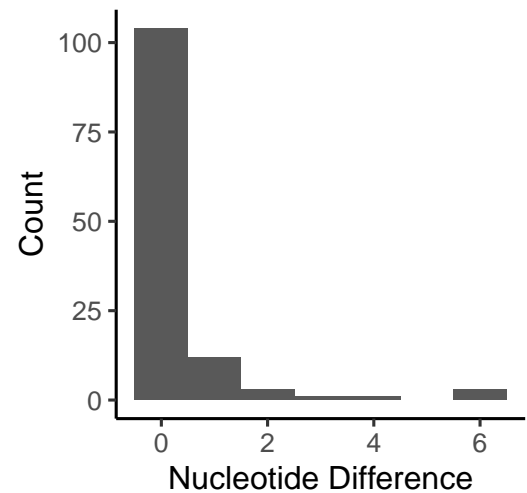
### IGLV1-44\*01

211 sequences assigned  
140 (66.4%) exact matches, in which:  
118 unique CDR3  
3 unique J



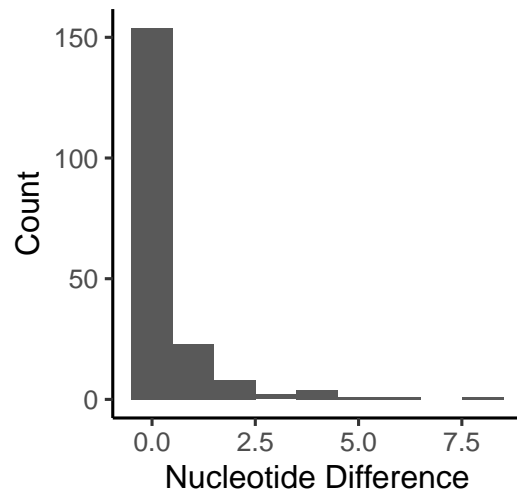
### IGLV2-8\*01

124 sequences assigned  
104 (83.9%) exact matches, in which:  
97 unique CDR3  
3 unique J



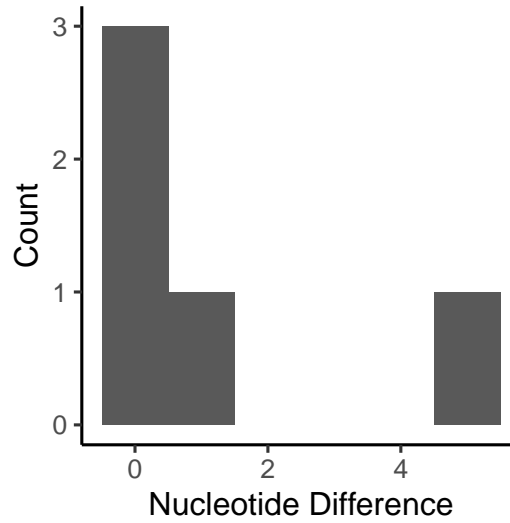
### IGLV2-11\*01

194 sequences assigned  
154 (79.4%) exact matches, in which:  
143 unique CDR3  
2 unique J



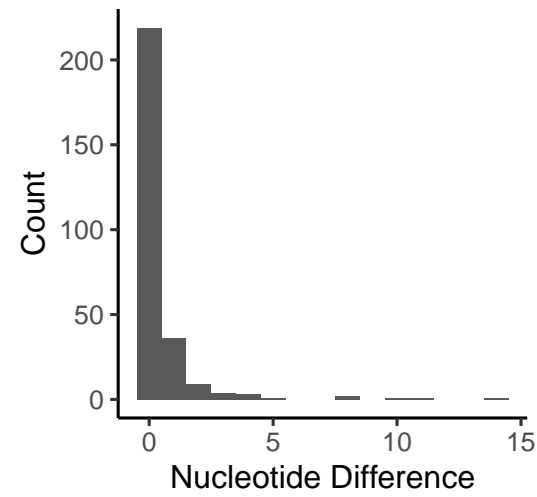
### IGLV2-18\*02

5 sequences assigned  
3 (60%) exact matches, in which:  
3 unique CDR3  
2 unique J



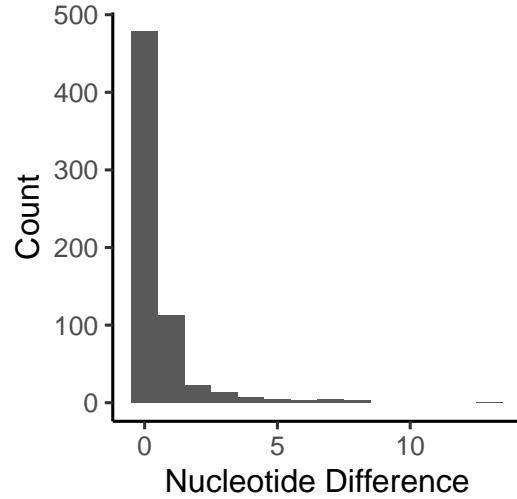
### IGLV3-1\*01

277 sequences assigned  
219 (79.1%) exact matches, in which:  
192 unique CDR3  
3 unique J



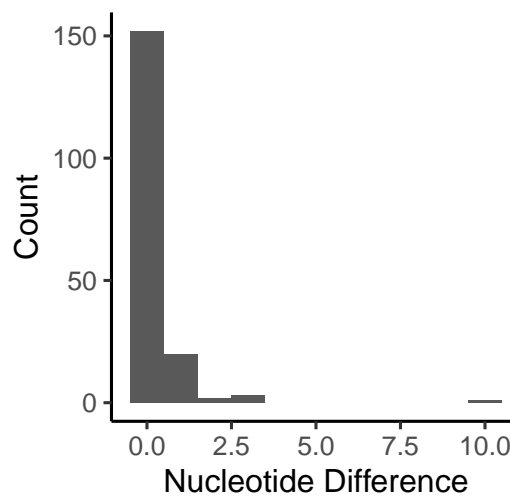
### IGLV2-14\*01

651 sequences assigned  
479 (73.6%) exact matches, in which:  
419 unique CDR3  
3 unique J



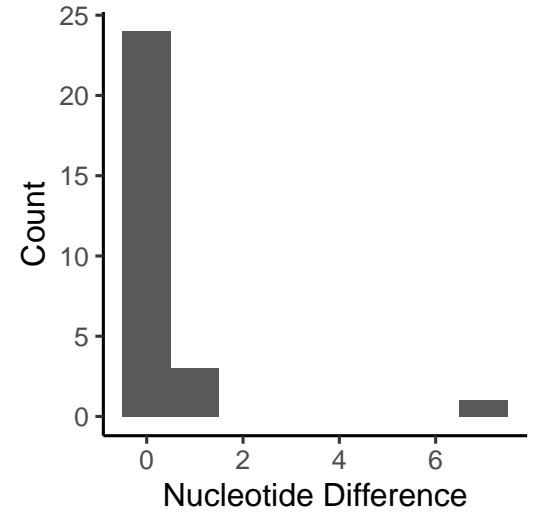
### IGLV2-23\*02EXT5

178 sequences assigned  
152 (85.4%) exact matches, in which:  
142 unique CDR3  
2 unique J



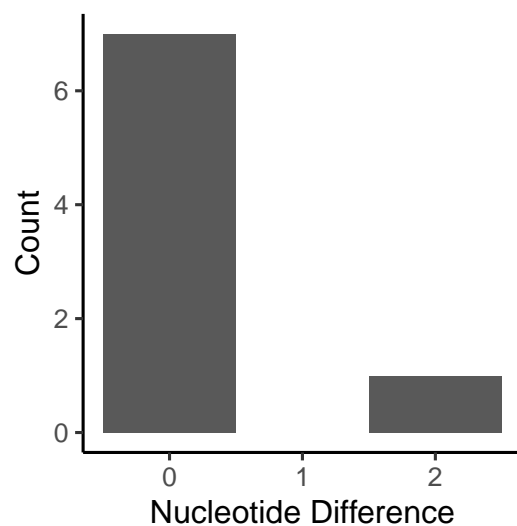
### IGLV3-9\*01EXT5

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



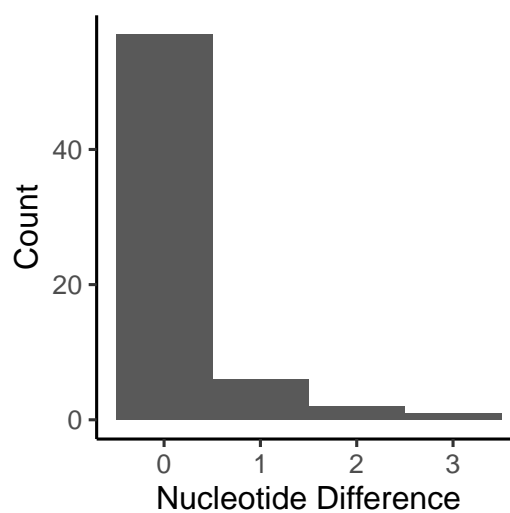
### IGLV2-18\*01

8 sequences assigned  
7 (87.5%) exact matches, in which:  
6 unique CDR3  
2 unique J



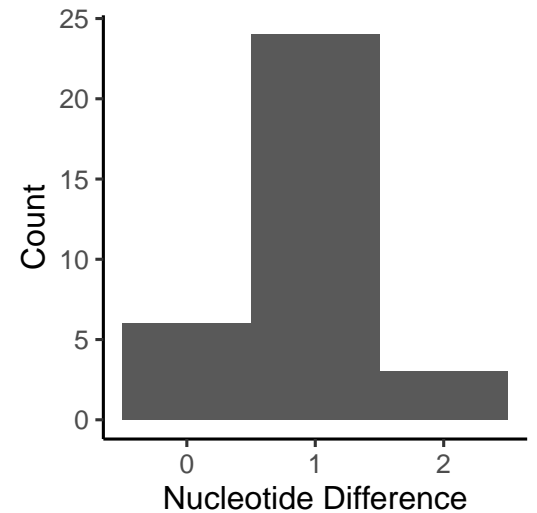
### IGLV2-23\*03EXT5

66 sequences assigned  
57 (86.4%) exact matches, in which:  
56 unique CDR3  
4 unique J



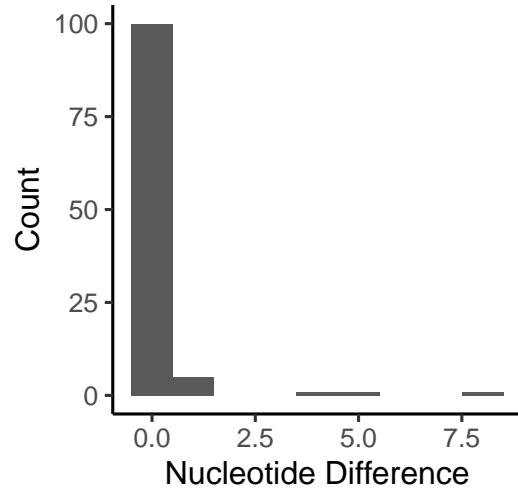
### IGLV3-10\*01

33 sequences assigned  
6 (18.2%) exact matches, in which:  
6 unique CDR3  
2 unique J



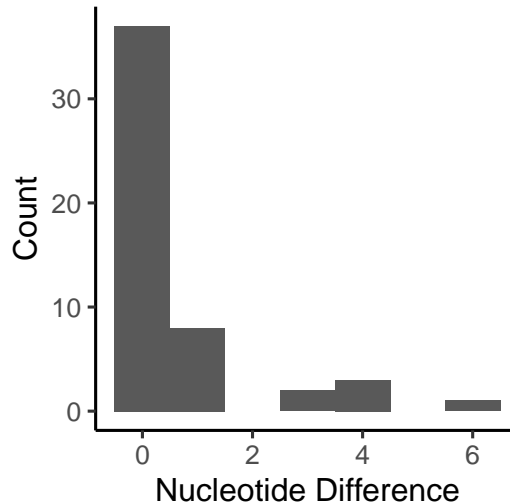
### IGLV3-19\*01

108 sequences assigned  
100 (92.6%) exact matches, in which:  
93 unique CDR3  
2 unique J



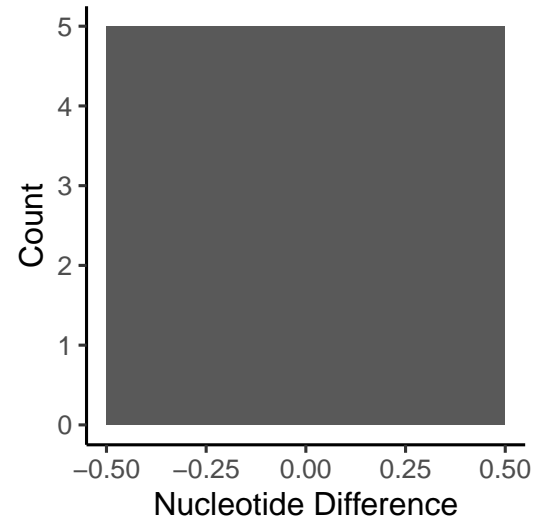
### IGLV3-25\*02

51 sequences assigned  
37 (72.5%) exact matches, in which:  
33 unique CDR3  
2 unique J



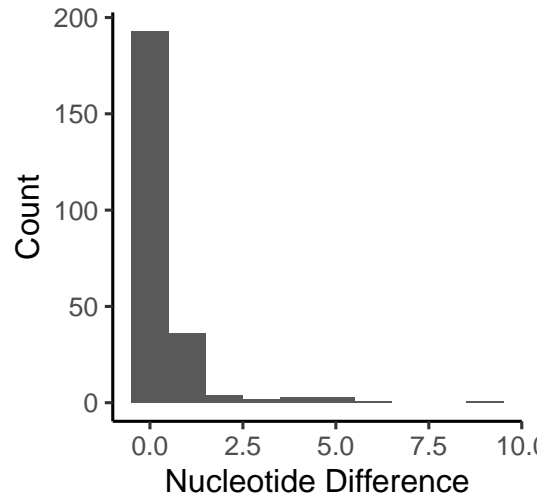
### IGLV4-3\*01

5 sequences assigned  
5 (100%) exact matches, in which:  
5 unique CDR3  
2 unique J



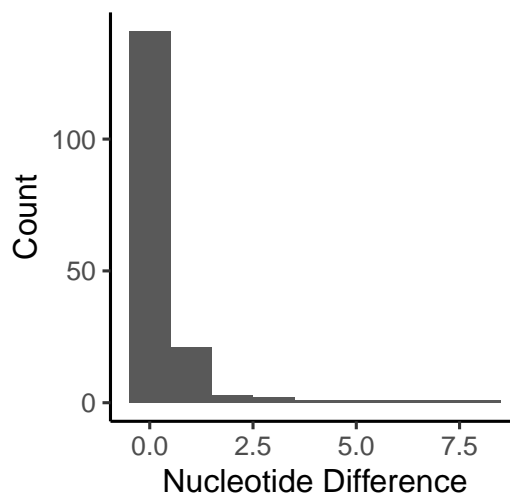
### IGLV3-21\*02

243 sequences assigned  
193 (79.4%) exact matches, in which:  
170 unique CDR3  
4 unique J



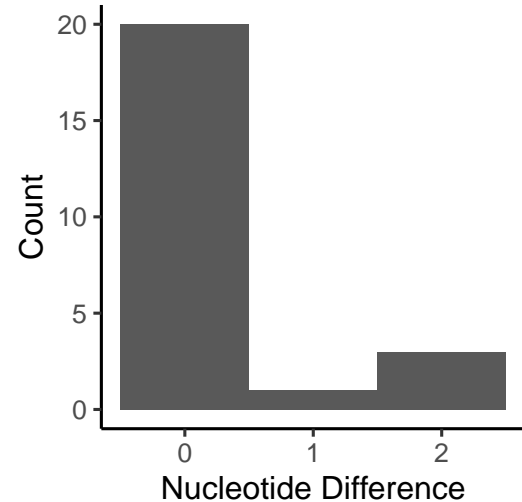
### IGLV3-25\*03

172 sequences assigned  
141 (82%) exact matches, in which:  
135 unique CDR3  
3 unique J



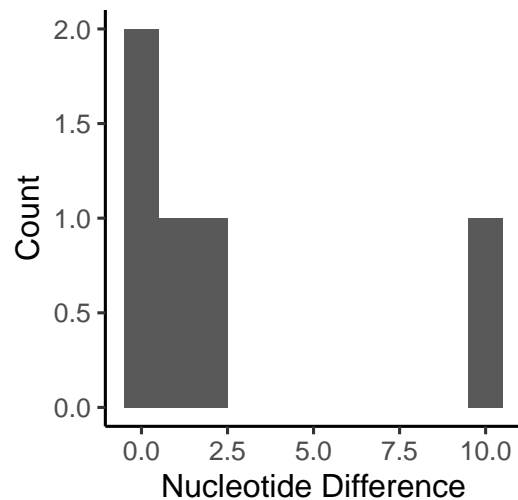
### IGLV4-60\*02

24 sequences assigned  
20 (83.3%) exact matches, in which:  
17 unique CDR3  
3 unique J



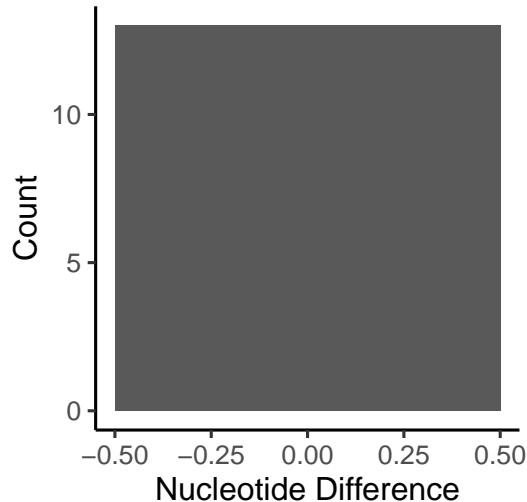
### IGLV3-22\*01

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



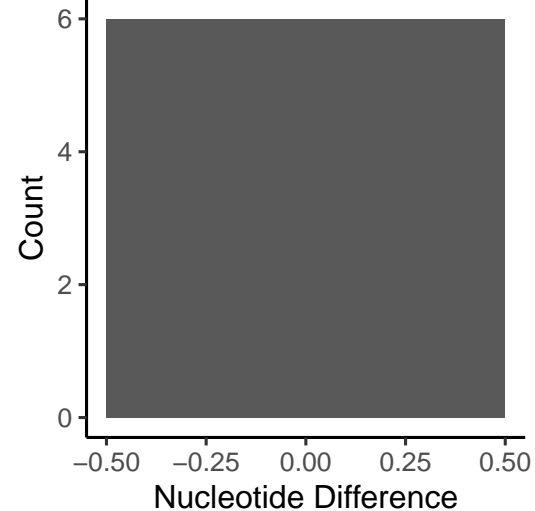
### IGLV3-27\*01

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



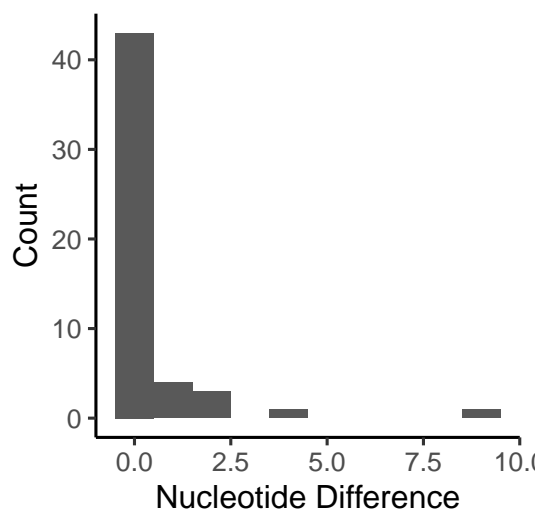
### IGLV4-60\*03EXT5

6 sequences assigned  
6 (100%) exact matches, in which:  
6 unique CDR3  
2 unique J



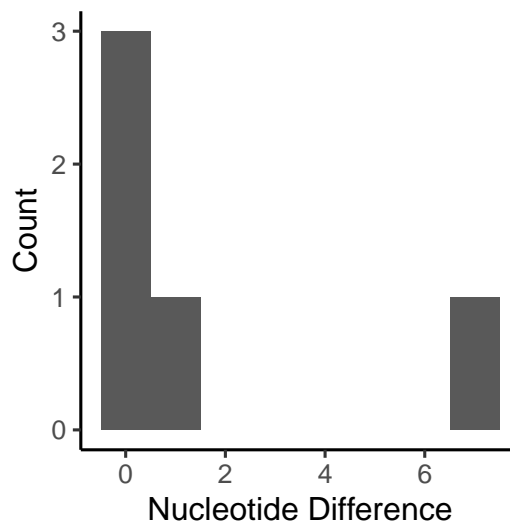
### IGLV4-69\*01

52 sequences assigned  
43 (82.7%) exact matches, in which:  
39 unique CDR3  
3 unique J



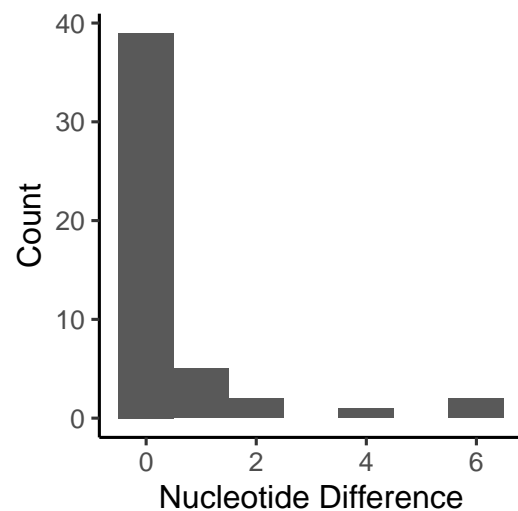
### IGLV5-45\*02

5 sequences assigned  
3 (60%) exact matches, in which:  
3 unique CDR3  
1 unique J



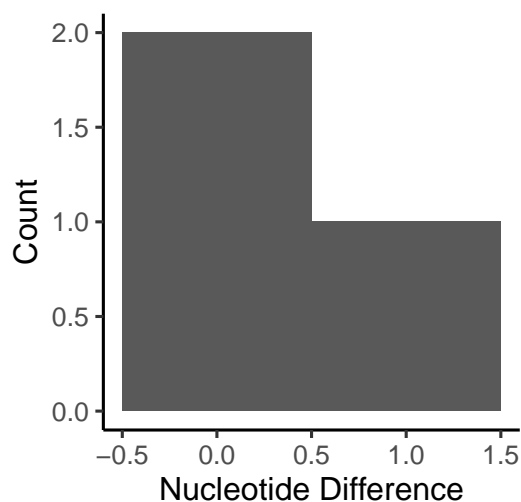
### IGLV7-43\*01

49 sequences assigned  
39 (79.6%) exact matches, in which:  
36 unique CDR3  
2 unique J



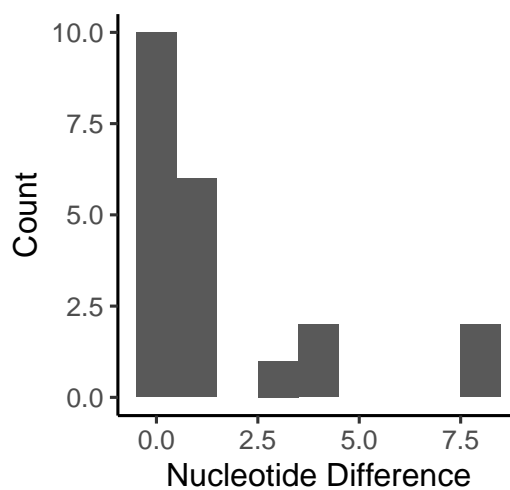
### IGLV5-37\*01

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



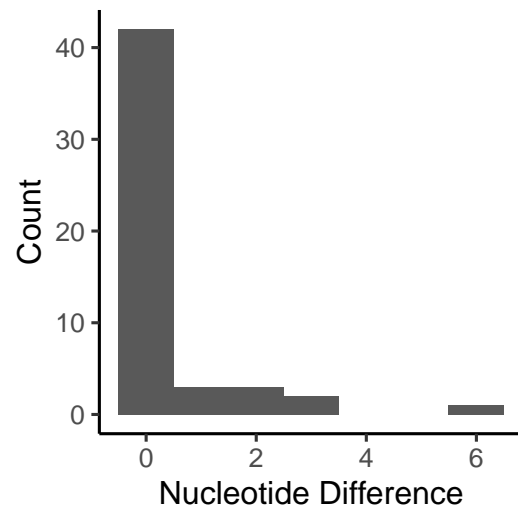
### IGLV5-45\*03

21 sequences assigned  
10 (47.6%) exact matches, in which:  
9 unique CDR3  
3 unique J



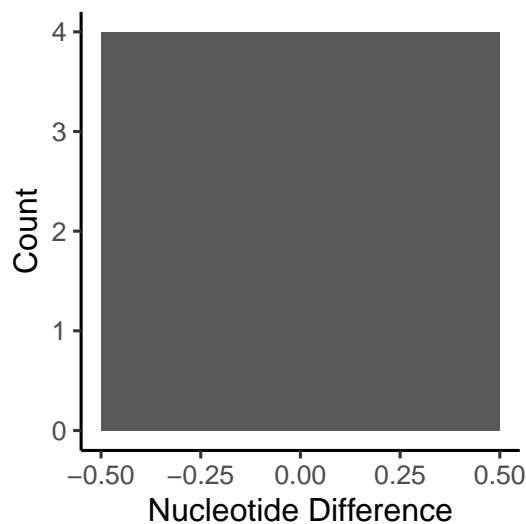
### IGLV7-46\*01

51 sequences assigned  
42 (82.4%) exact matches, in which:  
38 unique CDR3  
3 unique J



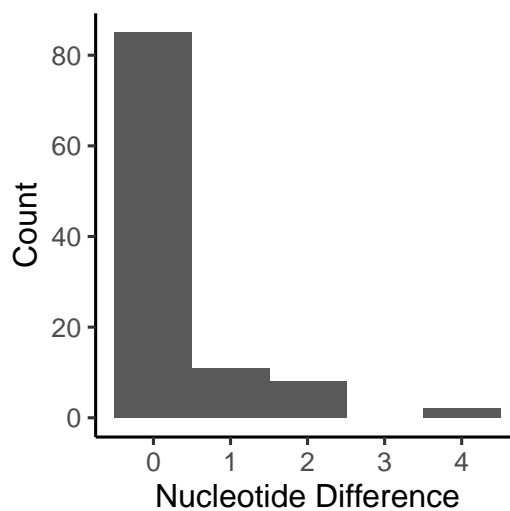
### IGLV5-39\*01

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



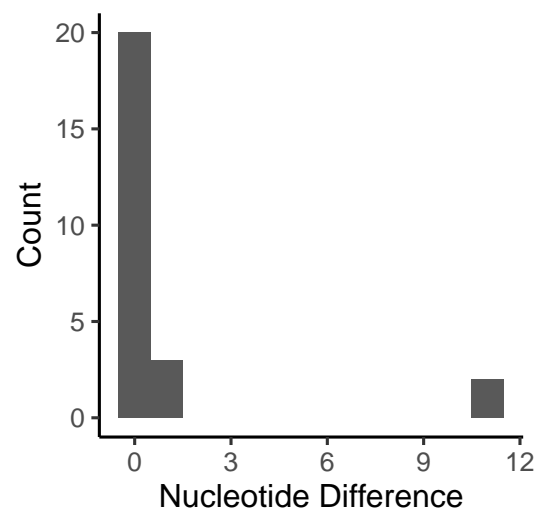
### IGLV6-57\*01

106 sequences assigned  
85 (80.2%) exact matches, in which:  
77 unique CDR3  
4 unique J



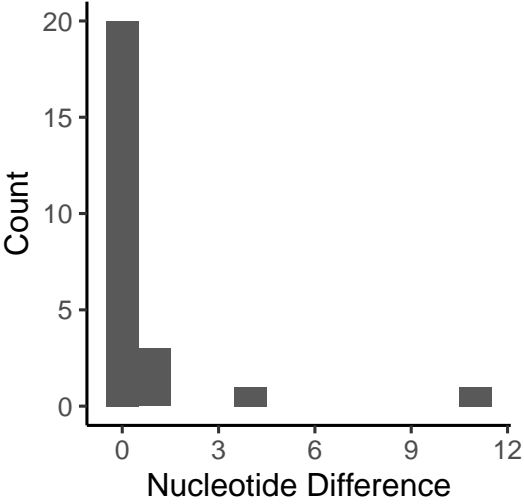
### IGLV8-61\*01

25 sequences assigned  
20 (80%) exact matches, in which:  
18 unique CDR3  
4 unique J



# IGLV9-49\*01

25 sequences assigned  
20 (80%) exact matches, in which:  
19 unique CDR3  
3 unique J



Allele Usage



Warning – no inferred sequences found.