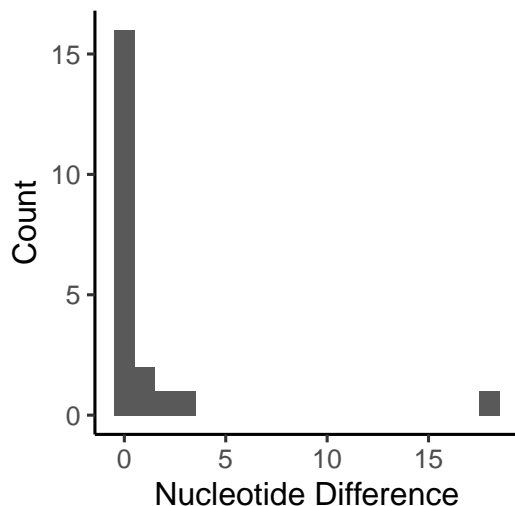


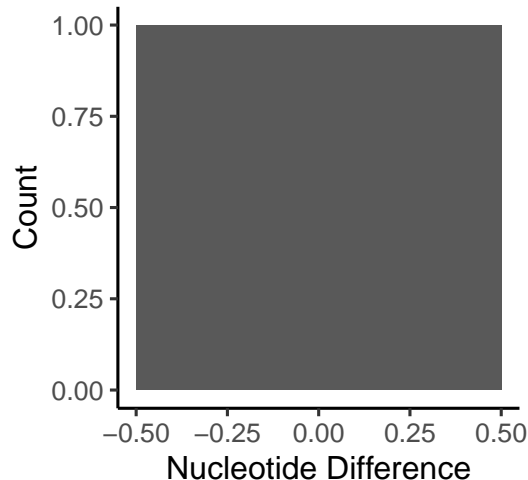
## IGLV10-54\*01

21 sequences assigned  
16 (76.2%) exact matches, in which:  
12 unique CDR3  
1 unique J



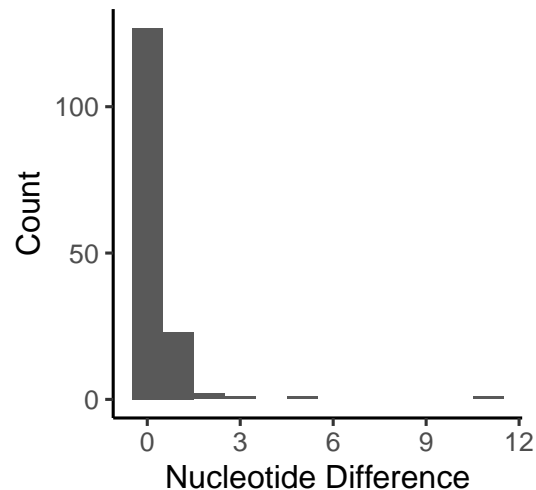
## IGLV1-41\*01

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



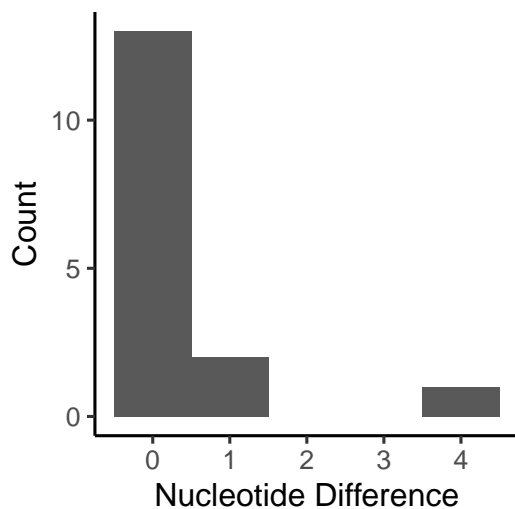
## IGLV1-51\*01

155 sequences assigned  
127 (81.9%) exact matches, in which:  
99 unique CDR3  
3 unique J



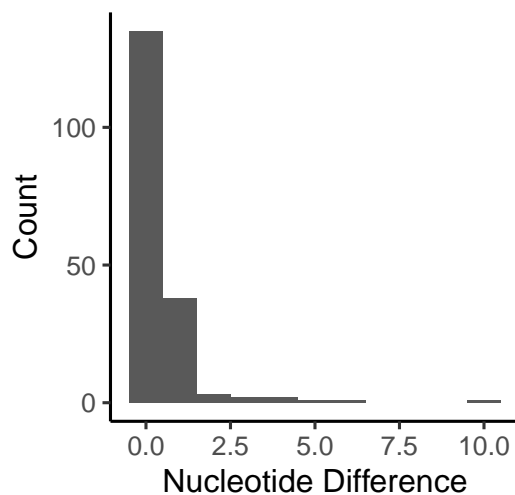
## IGLV1-36\*01

16 sequences assigned  
13 (81.2%) exact matches, in which:  
12 unique CDR3  
3 unique J



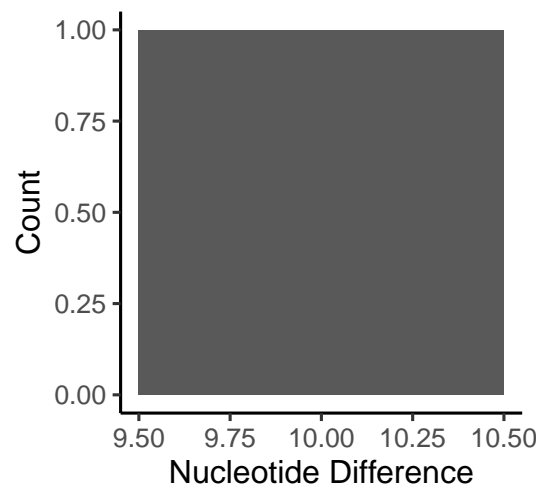
## IGLV1-44\*01

183 sequences assigned  
135 (73.8%) exact matches, in which:  
113 unique CDR3  
3 unique J



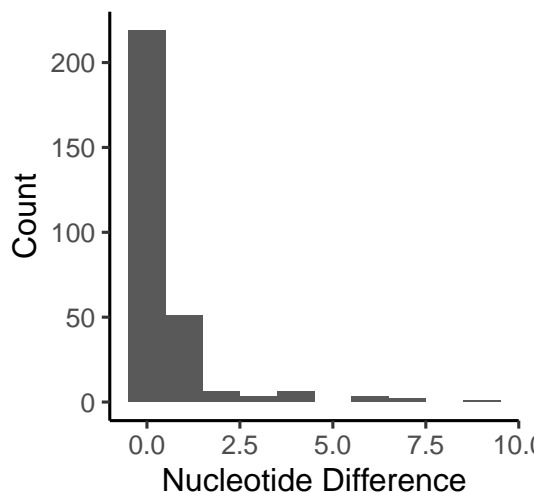
## IGLV2-5\*02

2 sequences assigned  
No exact matches.



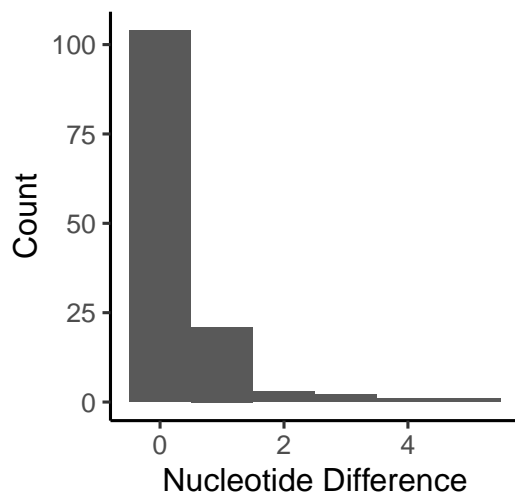
## IGLV1-40\*01

291 sequences assigned  
219 (75.3%) exact matches, in which:  
199 unique CDR3  
3 unique J



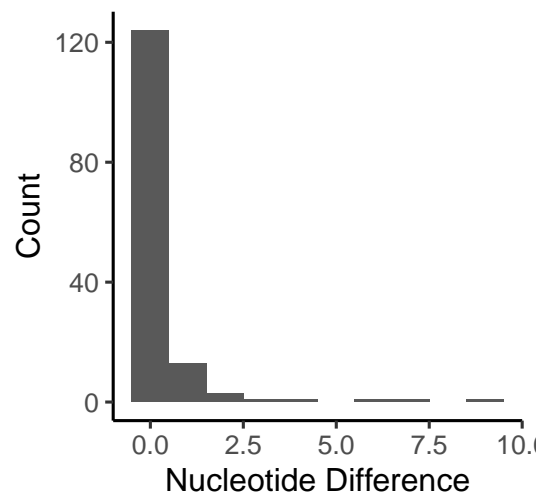
## IGLV1-47\*01

132 sequences assigned  
104 (78.8%) exact matches, in which:  
87 unique CDR3  
3 unique J



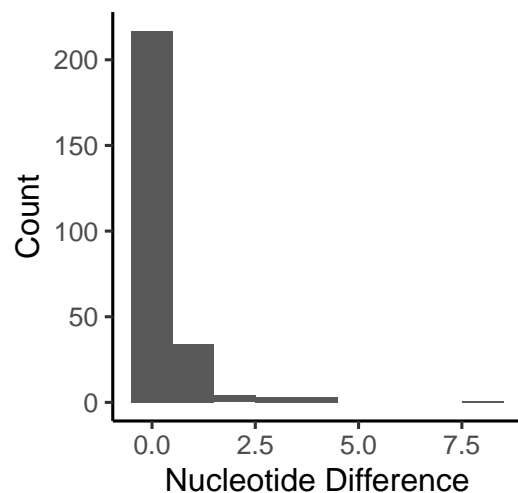
## IGLV2-8\*01

145 sequences assigned  
124 (85.5%) exact matches, in which:  
114 unique CDR3  
3 unique J



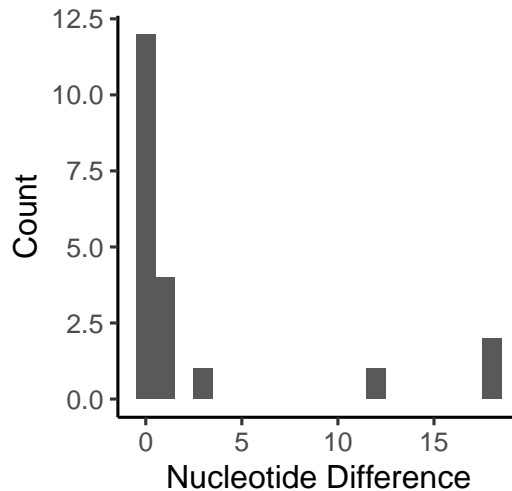
### IGLV2-11\*01

262 sequences assigned  
217 (82.8%) exact matches, in which:  
181 unique CDR3  
3 unique J



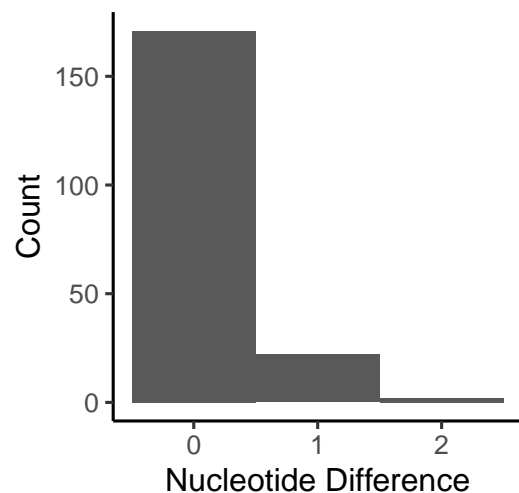
### IGLV2-18\*02

20 sequences assigned  
12 (60%) exact matches, in which:  
10 unique CDR3  
2 unique J



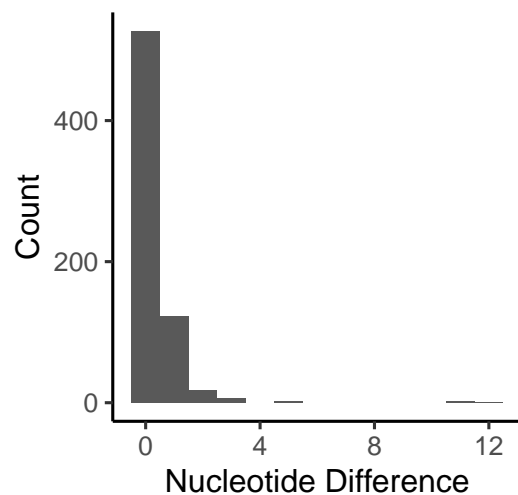
### IGLV3-1\*01

195 sequences assigned  
171 (87.7%) exact matches, in which:  
156 unique CDR3  
3 unique J



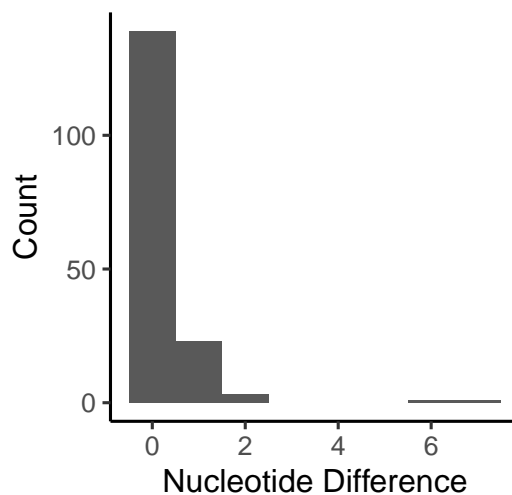
### IGLV2-14\*04EXT3

678 sequences assigned  
527 (77.7%) exact matches, in which:  
459 unique CDR3  
3 unique J



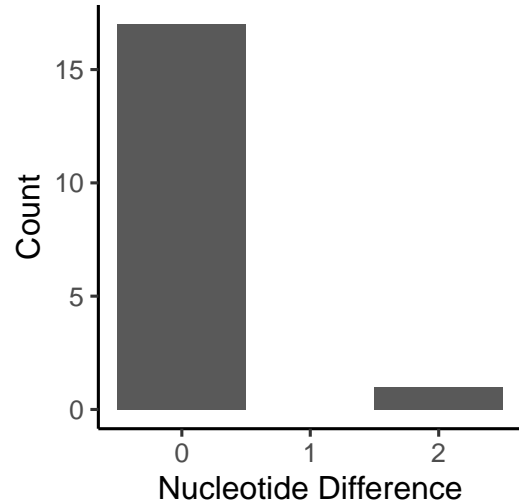
### IGLV2-23\*02EXT5

167 sequences assigned  
139 (83.2%) exact matches, in which:  
127 unique CDR3  
2 unique J



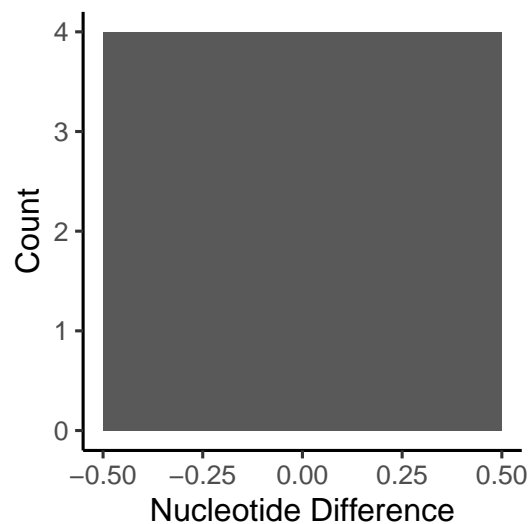
### IGLV3-9\*01EXT5

18 sequences assigned  
17 (94.4%) exact matches, in which:  
15 unique CDR3  
2 unique J



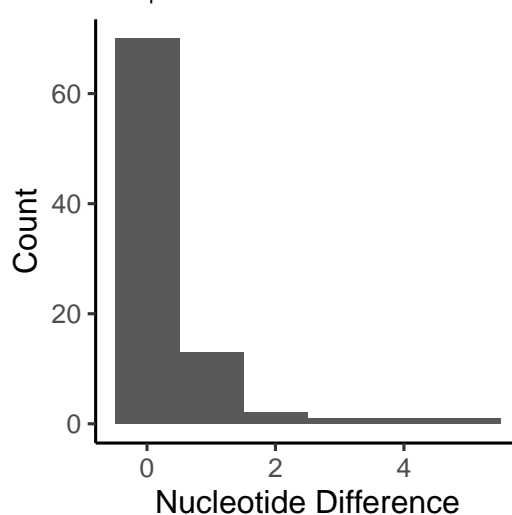
### IGLV2-18\*01

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



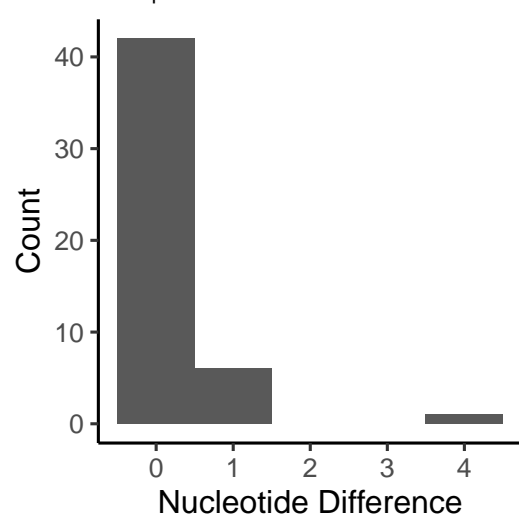
### IGLV2-23\*03EXT5

88 sequences assigned  
70 (79.5%) exact matches, in which:  
65 unique CDR3  
4 unique J



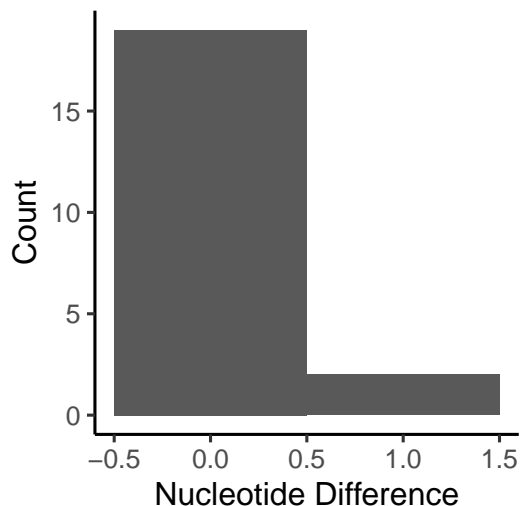
### IGLV3-10\*01

49 sequences assigned  
42 (85.7%) exact matches, in which:  
39 unique CDR3  
2 unique J



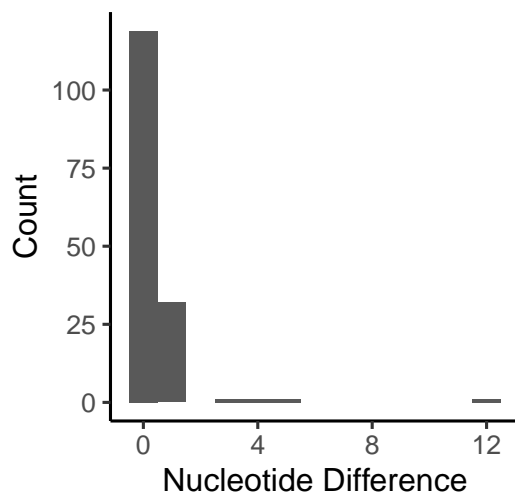
### IGLV3-16\*01

21 sequences assigned  
19 (90.5%) exact matches, in which:  
18 unique CDR3  
4 unique J



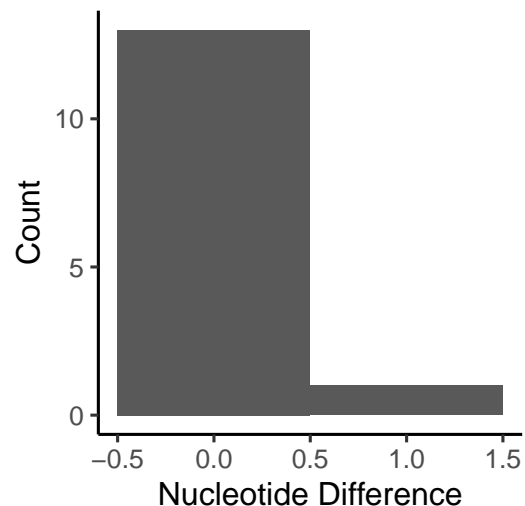
### IGLV3-21\*03

155 sequences assigned  
119 (76.8%) exact matches, in which:  
102 unique CDR3  
3 unique J



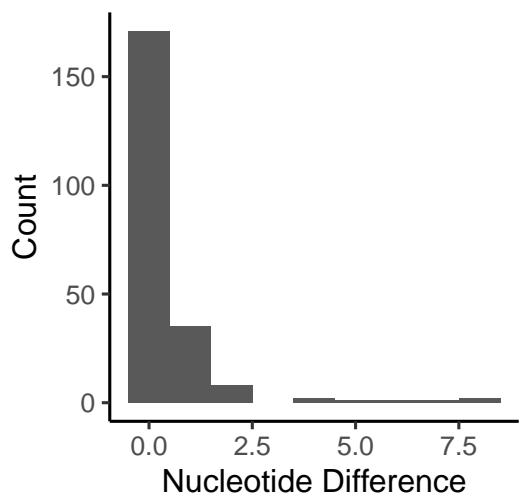
### IGLV3-27\*01

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



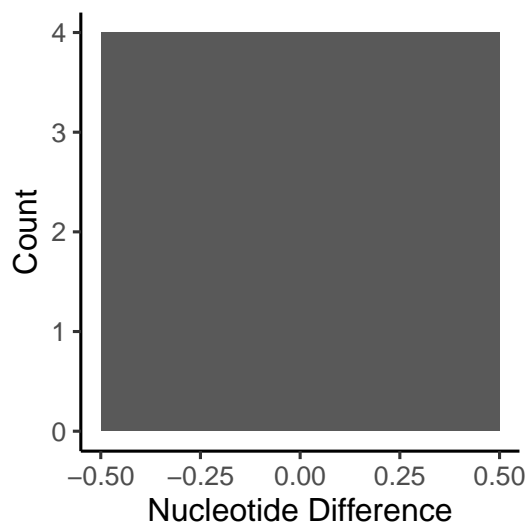
### IGLV3-19\*01

221 sequences assigned  
171 (77.4%) exact matches, in which:  
150 unique CDR3  
3 unique J



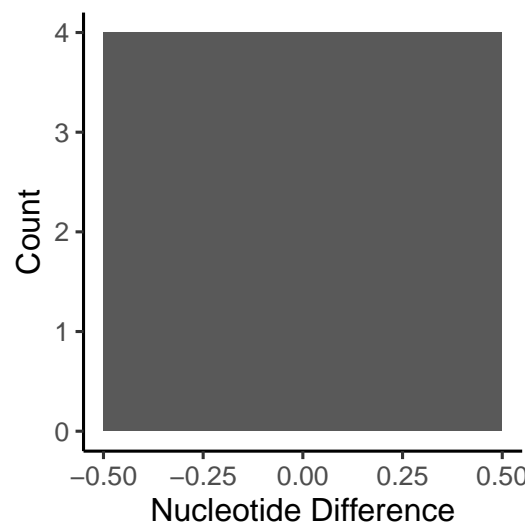
### IGLV3-22\*01

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



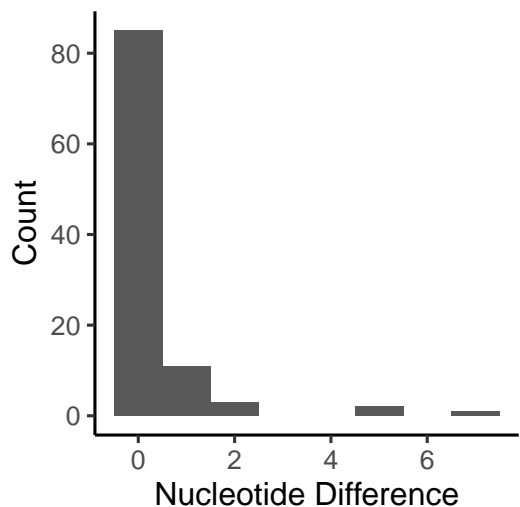
### IGLV4-3\*01

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



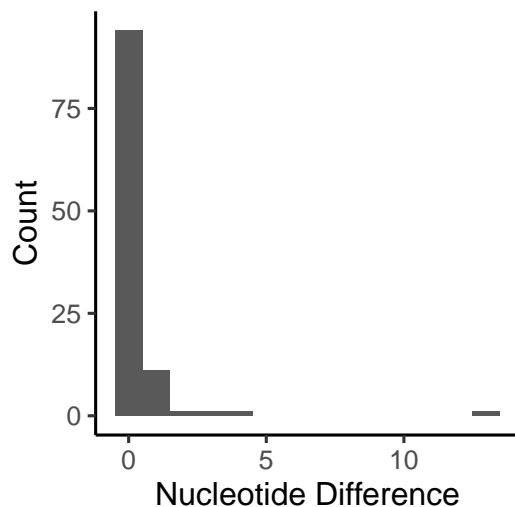
### IGLV3-21\*02

102 sequences assigned  
85 (83.3%) exact matches, in which:  
75 unique CDR3  
3 unique J



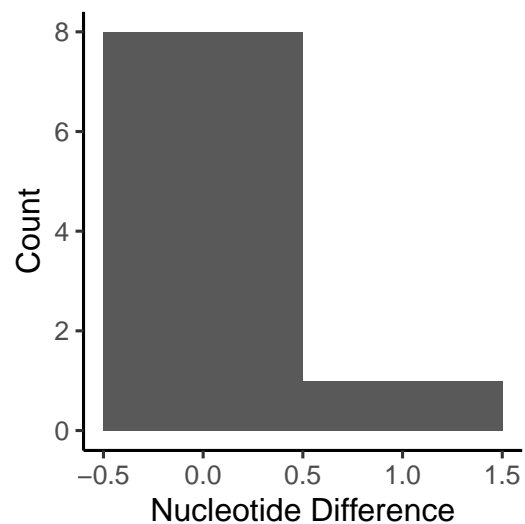
### IGLV3-25\*03

109 sequences assigned  
94 (86.2%) exact matches, in which:  
84 unique CDR3  
4 unique J



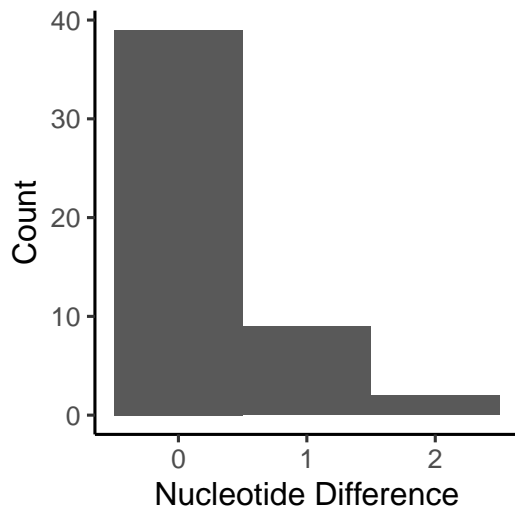
### IGLV4-60\*02

9 sequences assigned  
8 (88.9%) exact matches, in which:  
8 unique CDR3  
2 unique J



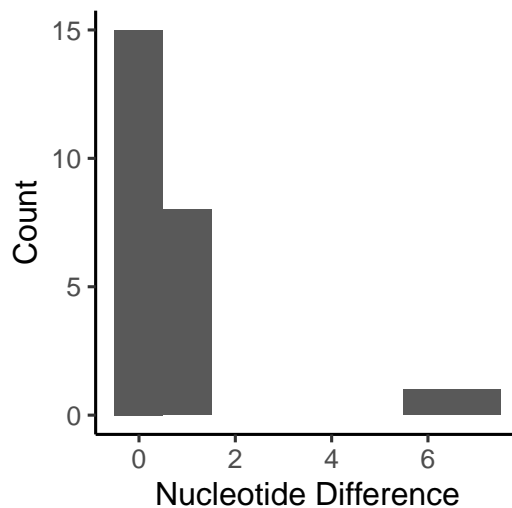
### IGLV4-60\*03EXT5

50 sequences assigned  
39 (78%) exact matches, in which:  
36 unique CDR3  
1 unique J



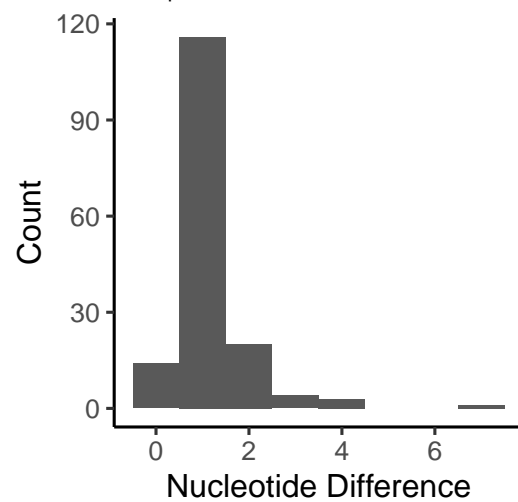
### IGLV5-45\*02

25 sequences assigned  
15 (60%) exact matches, in which:  
13 unique CDR3  
1 unique J



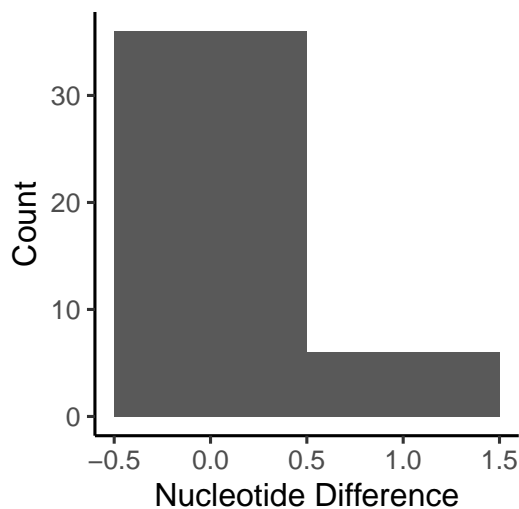
### IGLV6-57\*03

158 sequences assigned  
14 (8.9%) exact matches, in which:  
12 unique CDR3  
3 unique J



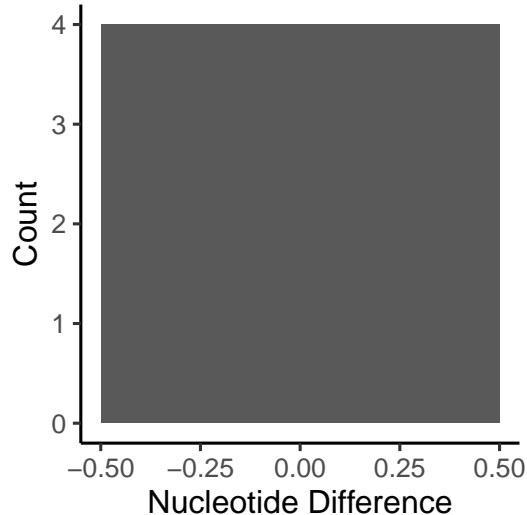
### IGLV4-69\*01

42 sequences assigned  
36 (85.7%) exact matches, in which:  
36 unique CDR3  
4 unique J



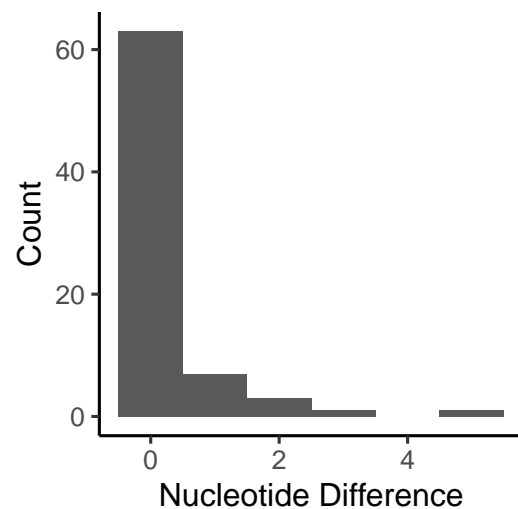
### IGLV5-45\*03

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



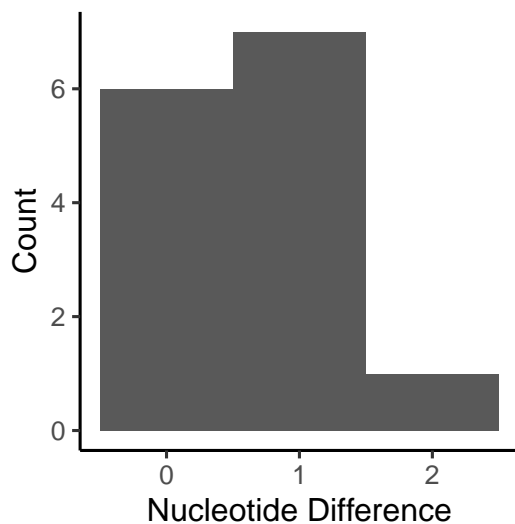
### IGLV7-43\*01

75 sequences assigned  
63 (84%) exact matches, in which:  
56 unique CDR3  
3 unique J



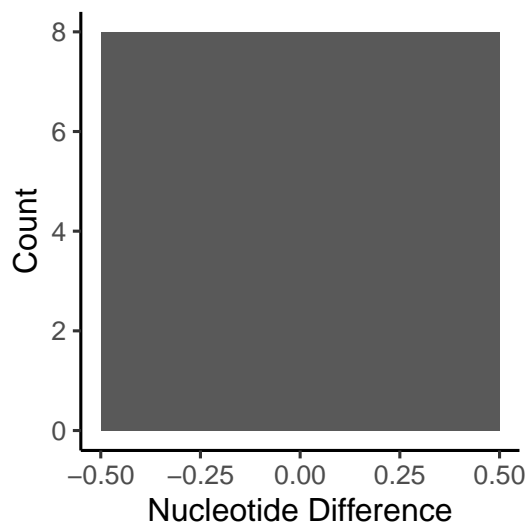
### IGLV5-37\*01

14 sequences assigned  
6 (42.9%) exact matches, in which:  
5 unique CDR3  
2 unique J



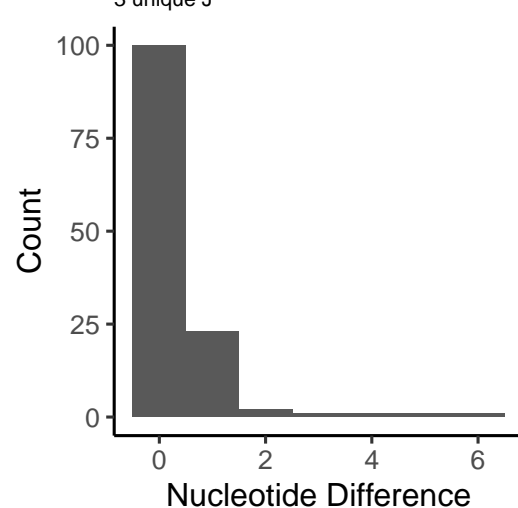
### IGLV5-52\*01

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



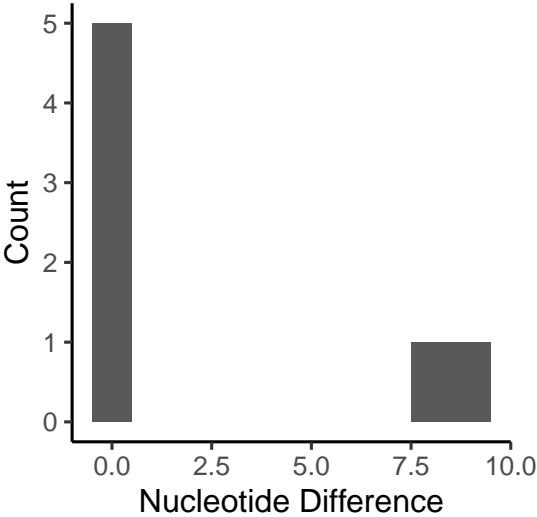
### IGLV7-46\*01

129 sequences assigned  
100 (77.5%) exact matches, in which:  
91 unique CDR3  
3 unique J



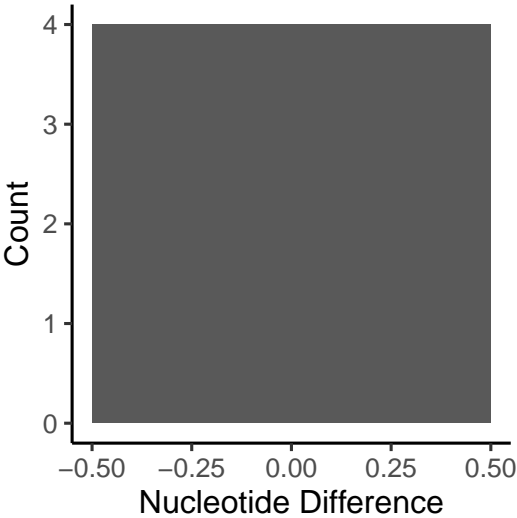
IGLV8-61\*01

7 sequences assigned  
5 (71.4%) exact matches, in which:  
5 unique CDR3  
2 unique J



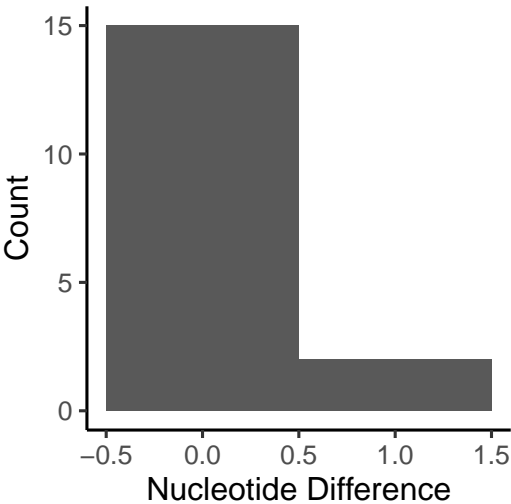
IGLV8-61\*02

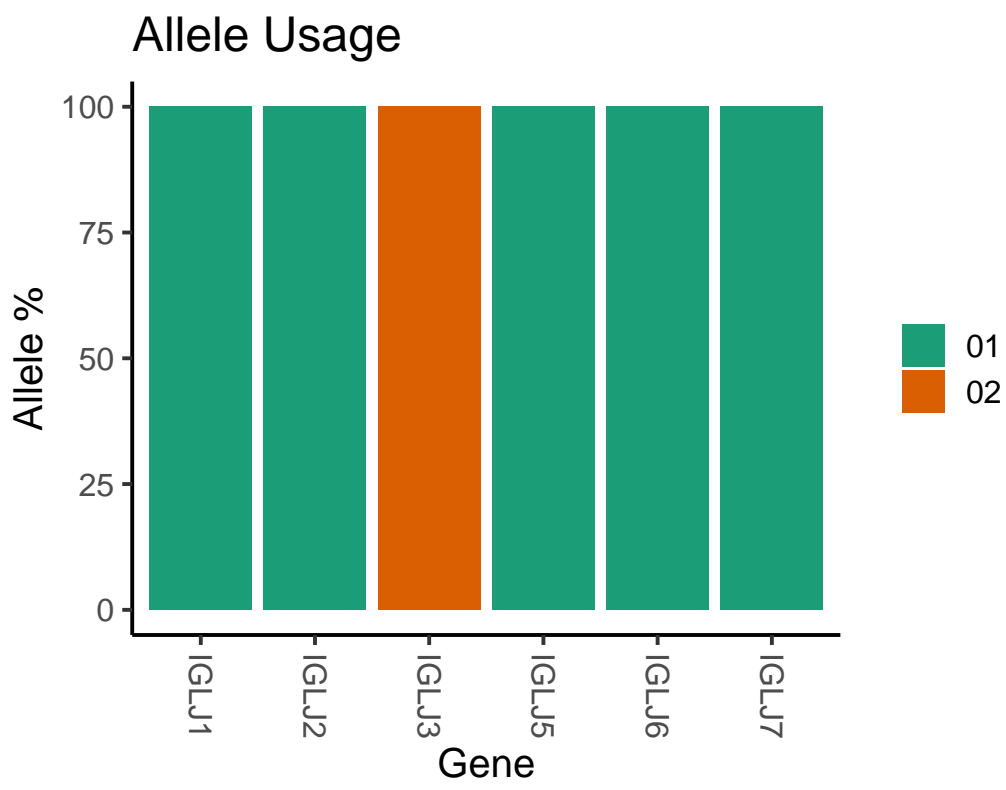
4 sequences assigned  
4 (100%) exact matches, in which:  
4 unique CDR3  
1 unique J



IGLV9-49\*01

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





Warning – no inferred sequences found.