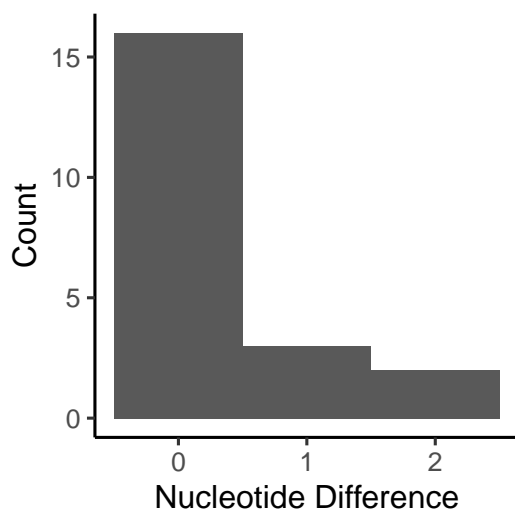


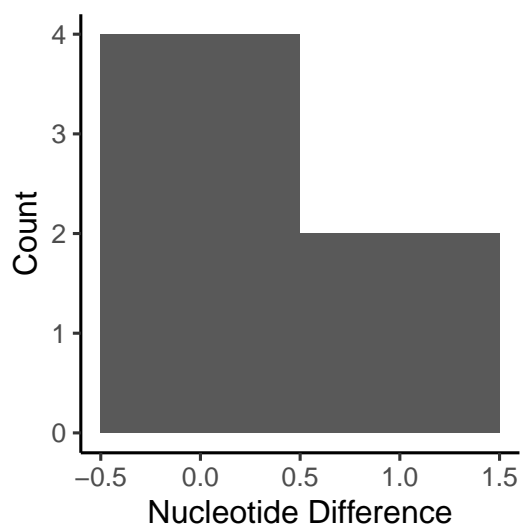
### IGLV10-54\*01

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



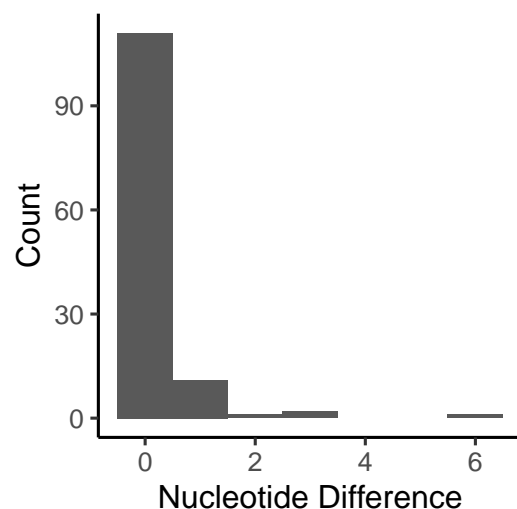
### IGLV1-41\*01

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



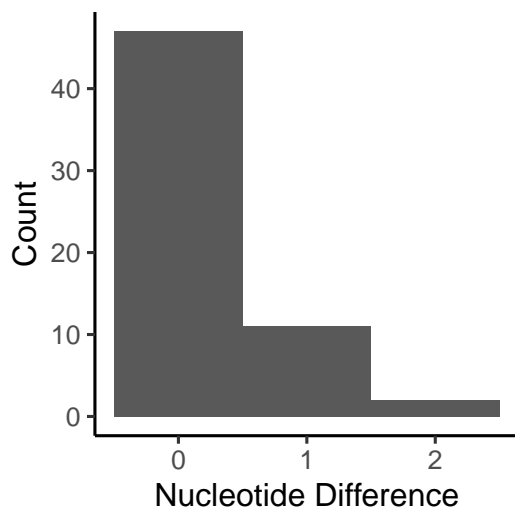
### IGLV1-51\*01

126 sequences assigned  
111 (88.1%) exact matches, in which:  
99 unique CDR3  
3 unique J



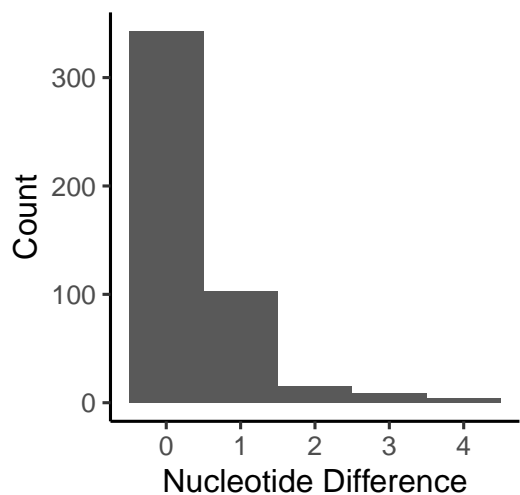
### IGLV1-36\*01

60 sequences assigned  
47 (78.3%) exact matches, in which:  
42 unique CDR3  
3 unique J



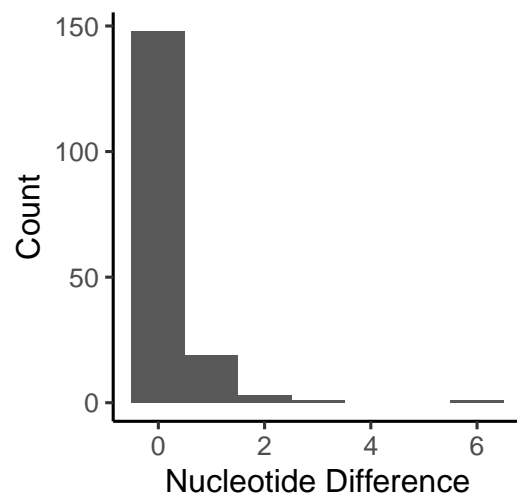
### IGLV1-44\*01

474 sequences assigned  
343 (72.4%) exact matches, in which:  
292 unique CDR3  
5 unique J



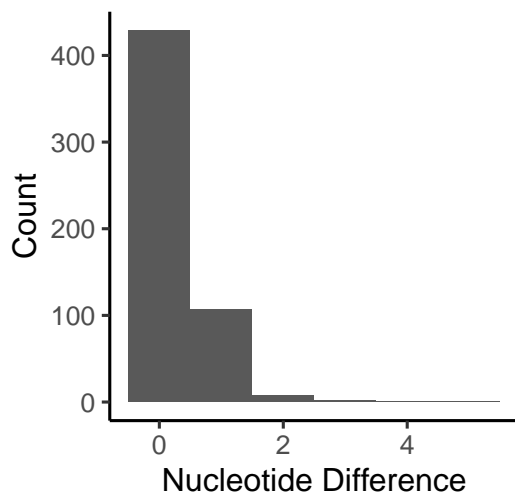
### IGLV1-51\*02

172 sequences assigned  
148 (86%) exact matches, in which:  
128 unique CDR3  
3 unique J



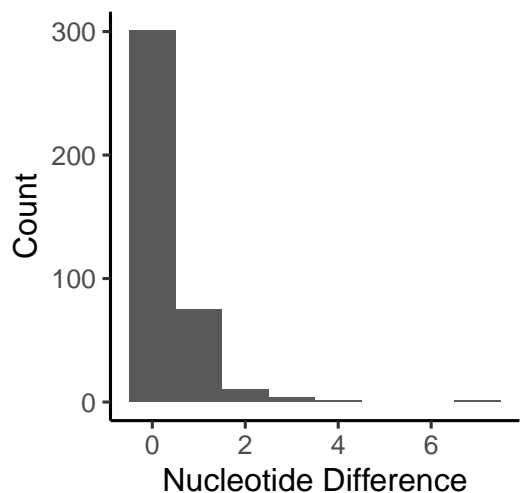
### IGLV1-40\*01

548 sequences assigned  
429 (78.3%) exact matches, in which:  
368 unique CDR3  
3 unique J



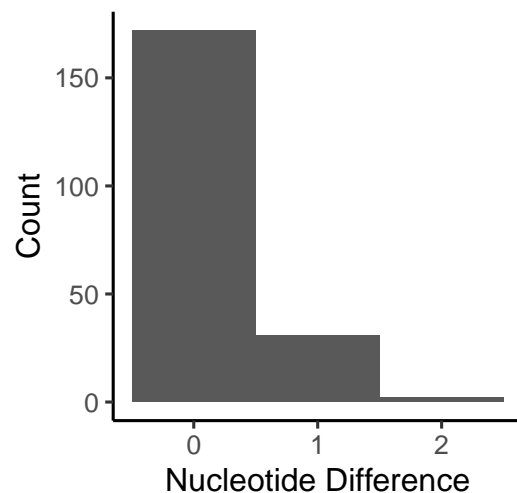
### IGLV1-47\*01

392 sequences assigned  
301 (76.8%) exact matches, in which:  
252 unique CDR3  
3 unique J



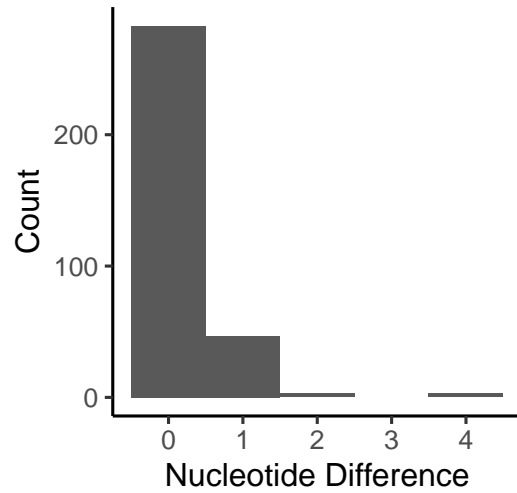
### IGLV2-8\*01

205 sequences assigned  
172 (83.9%) exact matches, in which:  
160 unique CDR3  
3 unique J



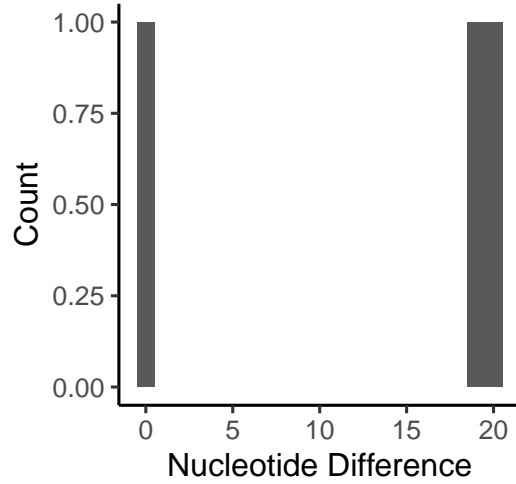
### IGLV2-11\*01

336 sequences assigned  
283 (84.2%) exact matches, in which:  
248 unique CDR3  
2 unique J



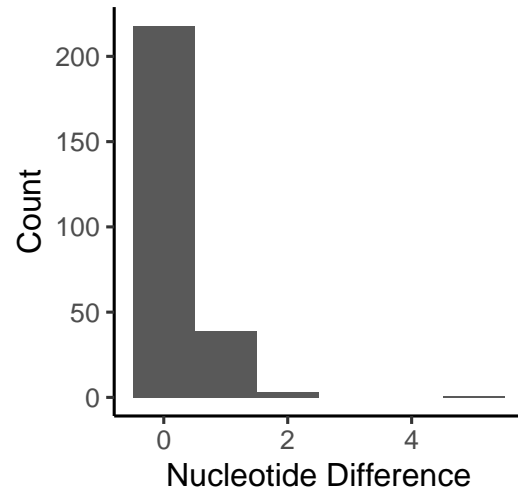
### IGLV2-18\*02

3 sequences assigned  
1 (33.3%) exact matches, in which:  
1 unique CDR3  
1 unique J



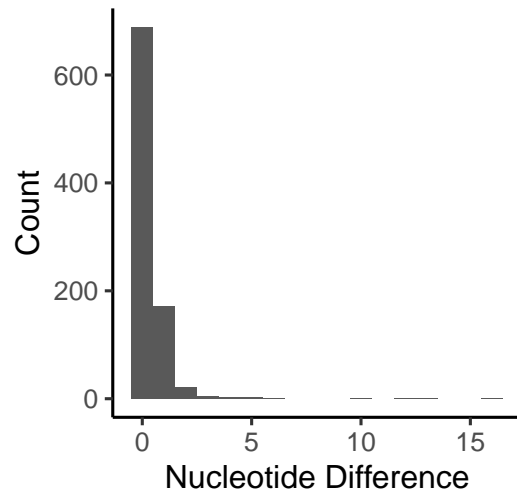
### IGLV2-23\*03EXT5

261 sequences assigned  
218 (83.5%) exact matches, in which:  
200 unique CDR3  
2 unique J



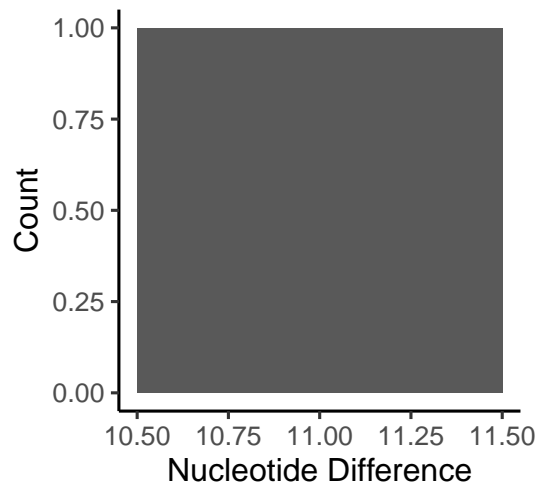
### IGLV2-14\*01

898 sequences assigned  
689 (76.7%) exact matches, in which:  
610 unique CDR3  
3 unique J



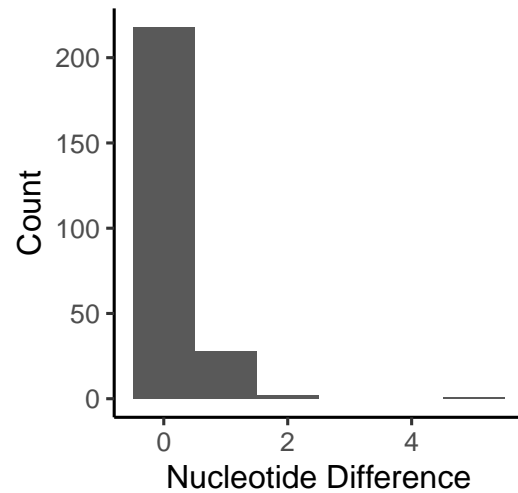
### IGLV2-18\*03

1 sequences assigned  
No exact matches.



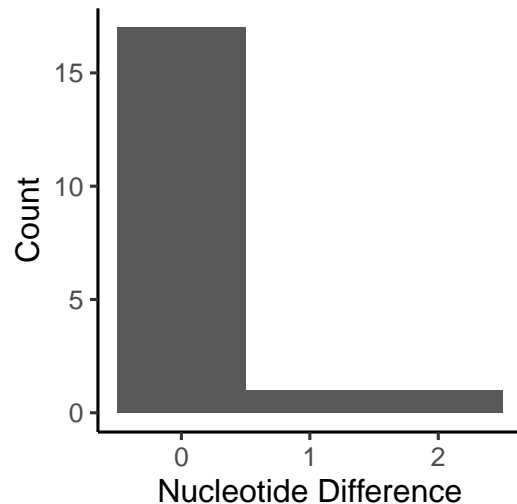
### IGLV3-1\*01

249 sequences assigned  
218 (87.6%) exact matches, in which:  
205 unique CDR3  
3 unique J



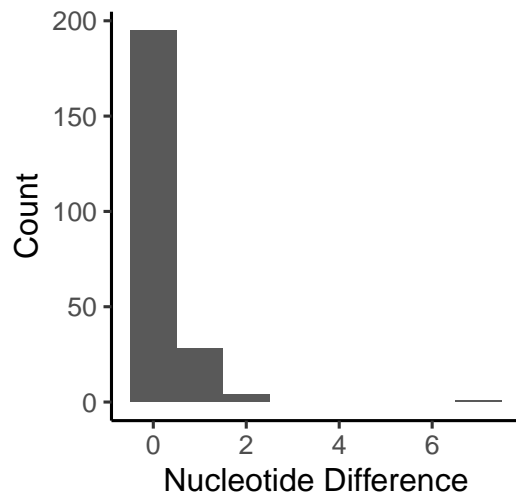
### IGLV2-18\*01

19 sequences assigned  
17 (89.5%) exact matches, in which:  
16 unique CDR3  
2 unique J



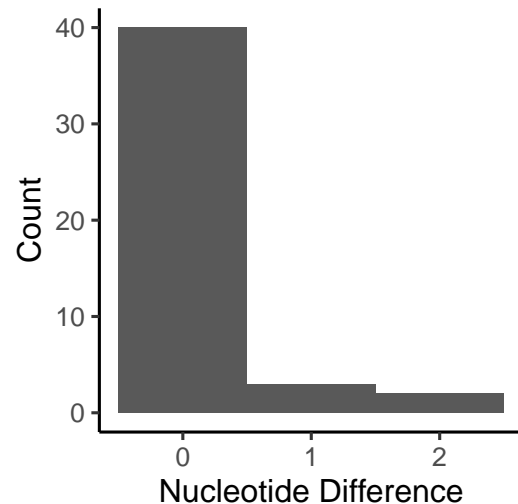
### IGLV2-23\*02EXT5

228 sequences assigned  
195 (85.5%) exact matches, in which:  
185 unique CDR3  
2 unique J



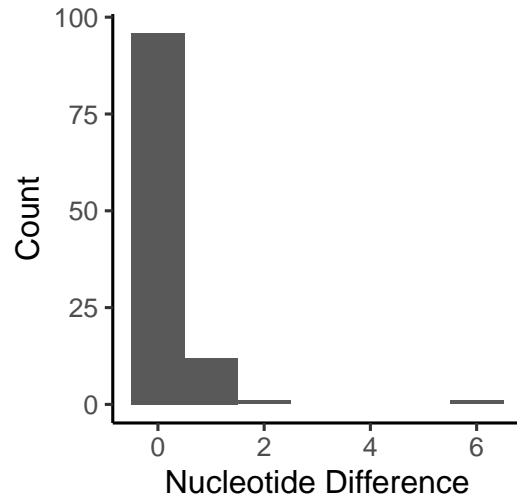
### IGLV3-9\*01EXT5

45 sequences assigned  
40 (88.9%) exact matches, in which:  
38 unique CDR3  
2 unique J



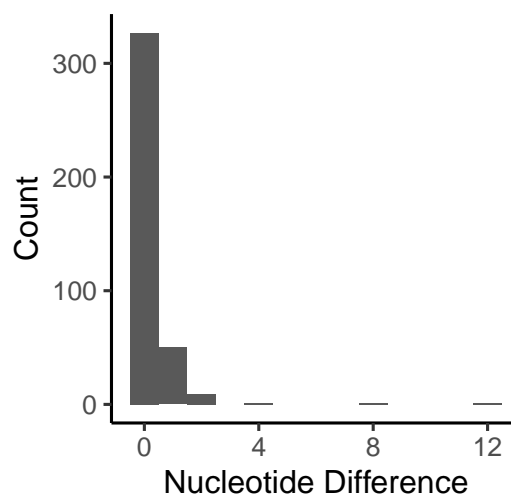
### IGLV3-10\*01

110 sequences assigned  
96 (87.3%) exact matches, in which:  
87 unique CDR3  
2 unique J



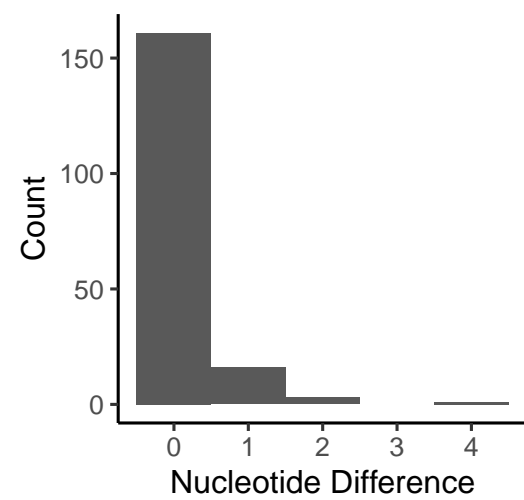
### IGLV3-21\*02

389 sequences assigned  
327 (84.1%) exact matches, in which:  
292 unique CDR3  
3 unique J



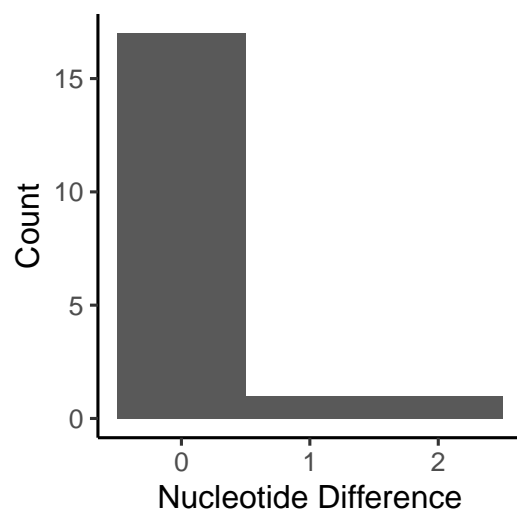
### IGLV3-25\*03

181 sequences assigned  
161 (89%) exact matches, in which:  
144 unique CDR3  
3 unique J



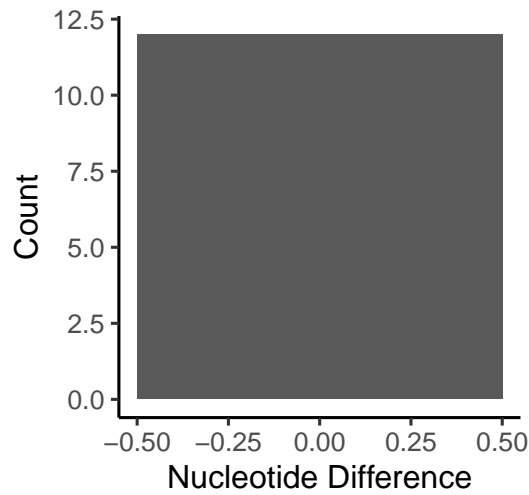
### IGLV3-16\*01

19 sequences assigned  
17 (89.5%) exact matches, in which:  
16 unique CDR3  
2 unique J



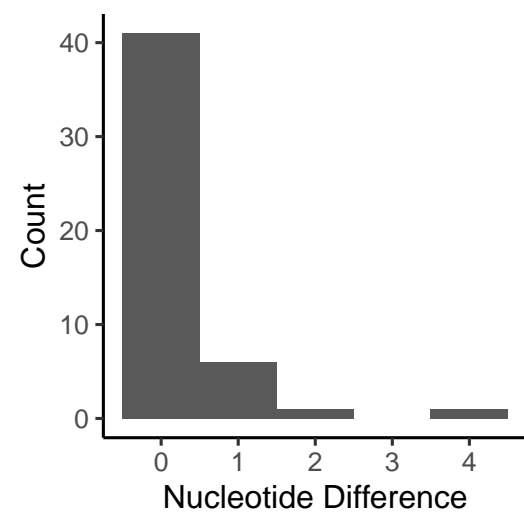
### IGLV3-22\*01

12 sequences assigned  
12 (100%) exact matches, in which:  
11 unique CDR3  
3 unique J



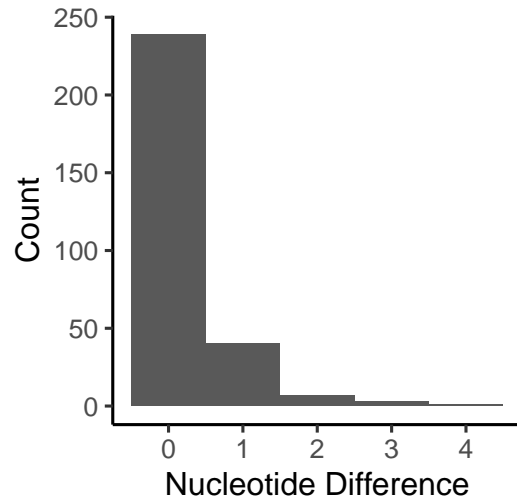
### IGLV3-27\*01

49 sequences assigned  
41 (83.7%) exact matches, in which:  
40 unique CDR3  
3 unique J



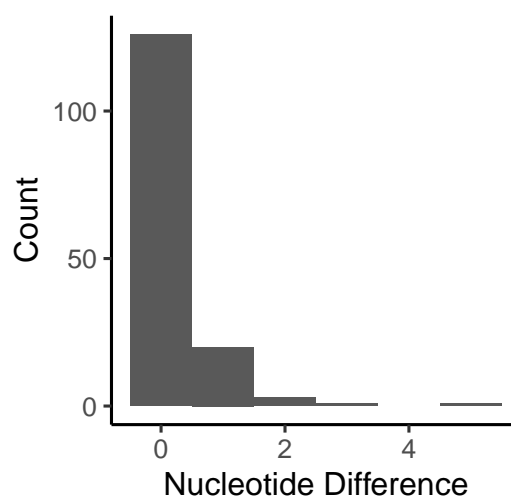
### IGLV3-19\*01

290 sequences assigned  
239 (82.4%) exact matches, in which:  
214 unique CDR3  
3 unique J



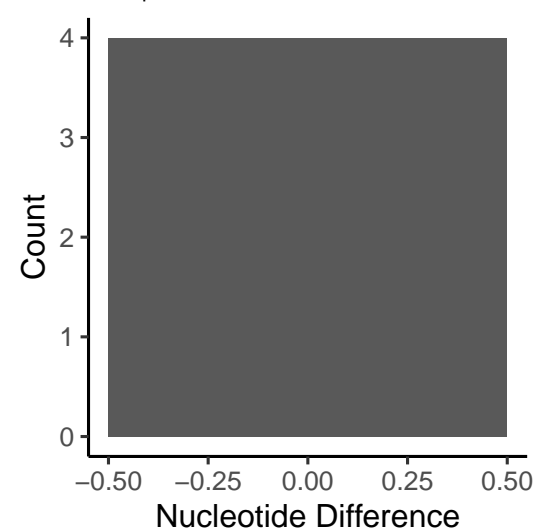
### IGLV3-25\*02

151 sequences assigned  
126 (83.4%) exact matches, in which:  
120 unique CDR3  
4 unique J



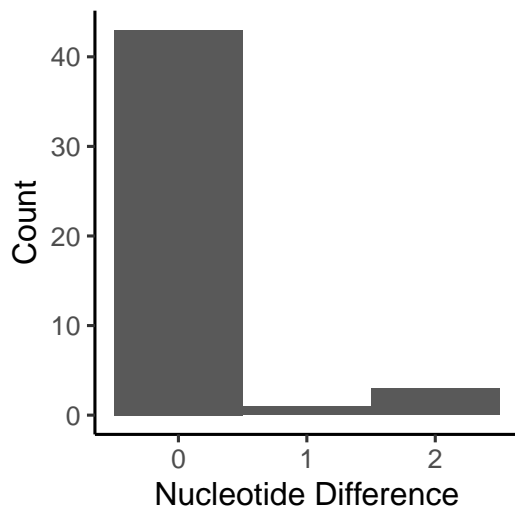
### IGLV4-3\*01

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



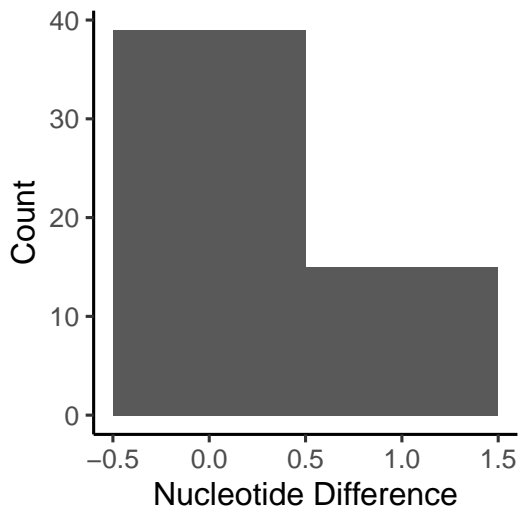
### IGLV4-60\*03EXT5

47 sequences assigned  
43 (91.5%) exact matches, in which:  
37 unique CDR3  
3 unique J



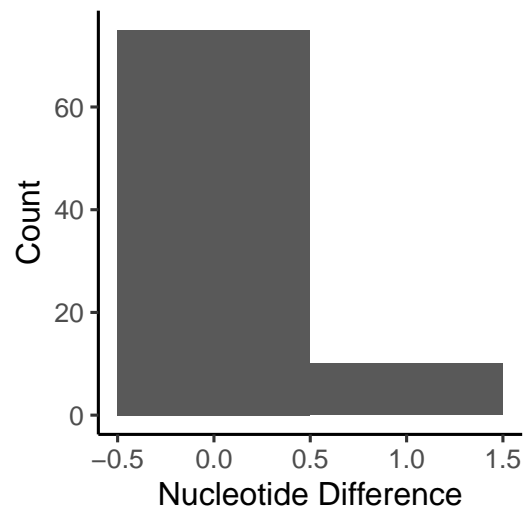
### IGLV5-45\*02

54 sequences assigned  
39 (72.2%) exact matches, in which:  
28 unique CDR3  
3 unique J



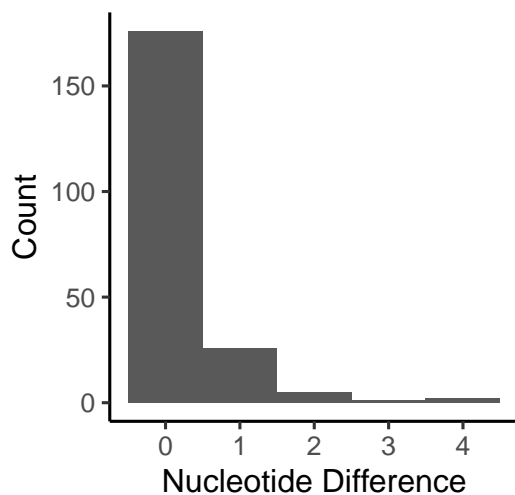
### IGLV6-57\*02

85 sequences assigned  
75 (88.2%) exact matches, in which:  
71 unique CDR3  
2 unique J



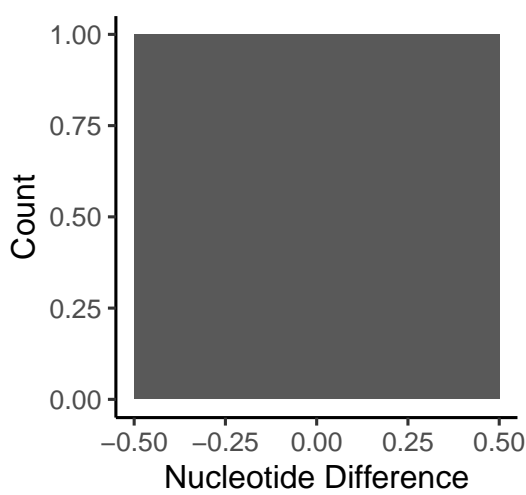
### IGLV4-69\*01

210 sequences assigned  
176 (83.8%) exact matches, in which:  
147 unique CDR3  
4 unique J



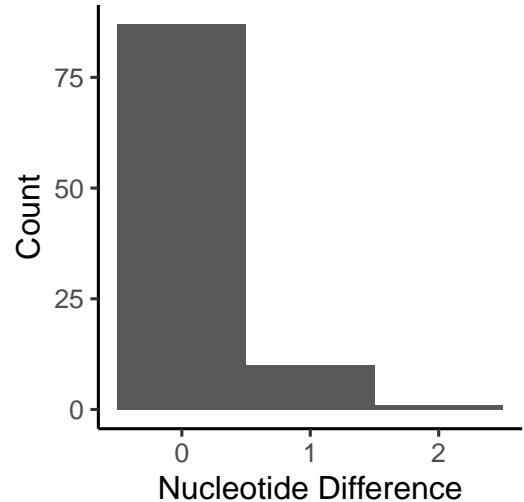
### IGLV5-48\*01

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



### IGLV6-57\*03

98 sequences assigned  
87 (88.8%) exact matches, in which:  
84 unique CDR3  
4 unique J



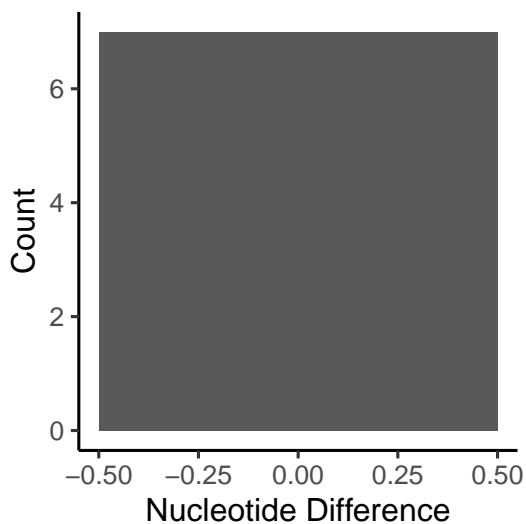
### IGLV5-37\*01

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



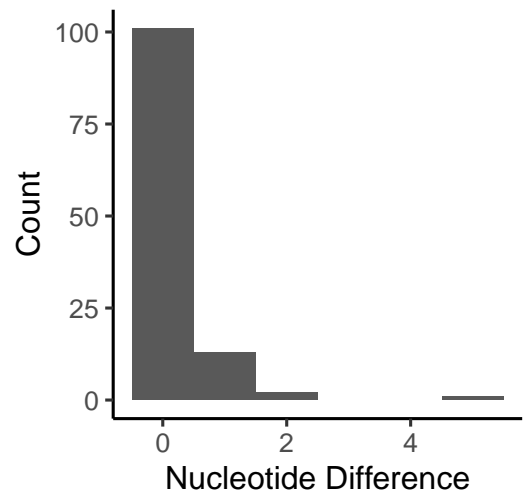
### IGLV5-52\*01

7 sequences assigned  
7 (100%) exact matches, in which:  
7 unique CDR3  
1 unique J



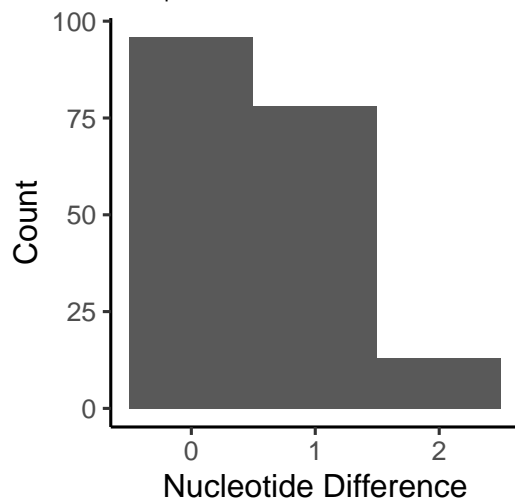
### IGLV7-43\*01

117 sequences assigned  
101 (86.3%) exact matches, in which:  
96 unique CDR3  
2 unique J



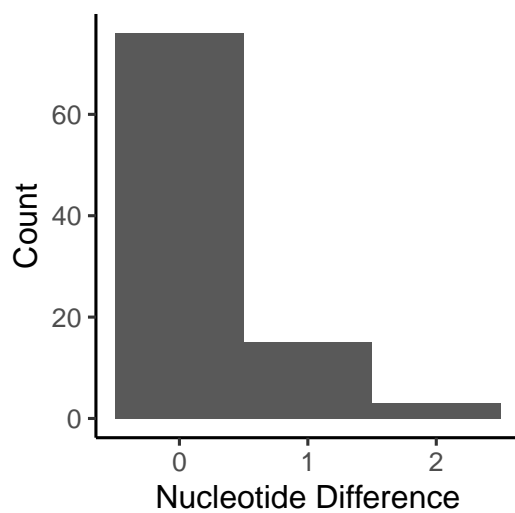
## IGLV7-46\*01

187 sequences assigned  
96 (51.3%) exact matches, in which:  
87 unique CDR3  
3 unique J



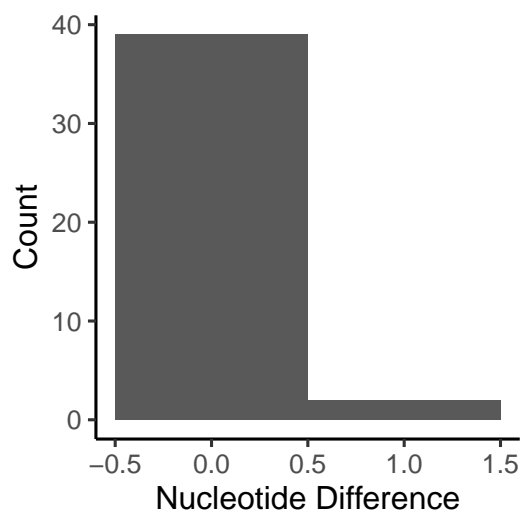
## IGLV8-61\*01

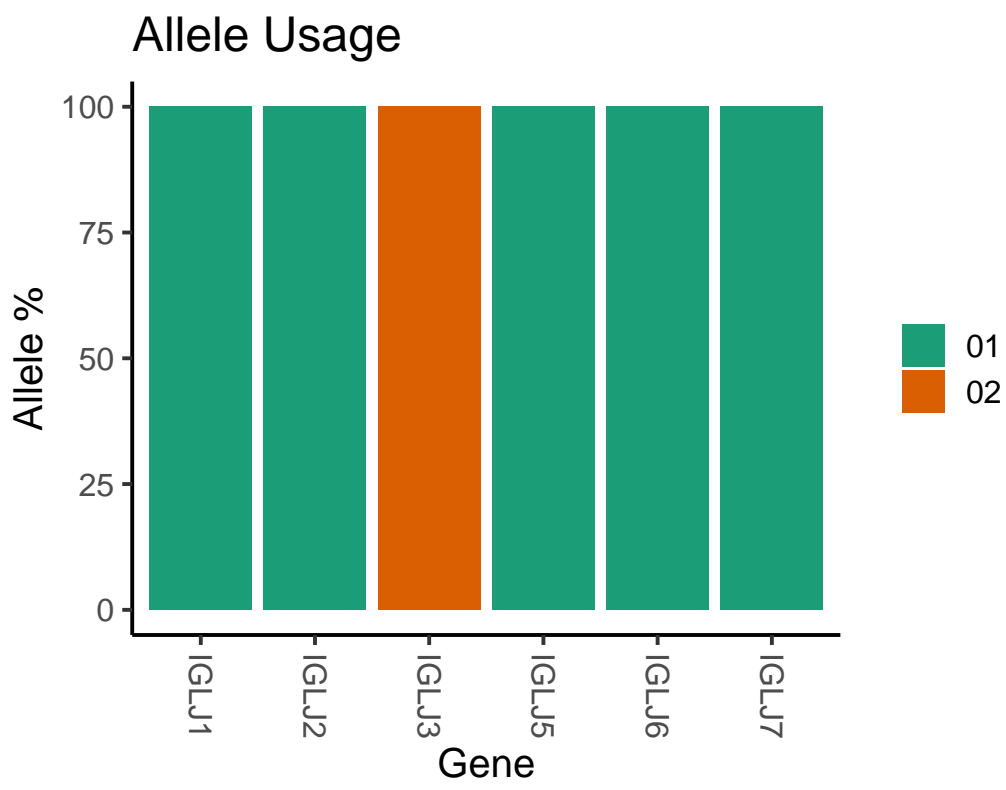
94 sequences assigned  
76 (80.9%) exact matches, in which:  
67 unique CDR3  
4 unique J



## IGLV9-49\*01

41 sequences assigned  
39 (95.1%) exact matches, in which:  
35 unique CDR3  
2 unique J





Warning – no inferred sequences found.