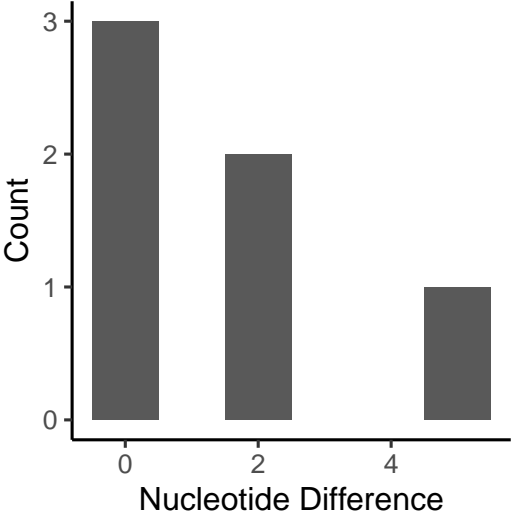


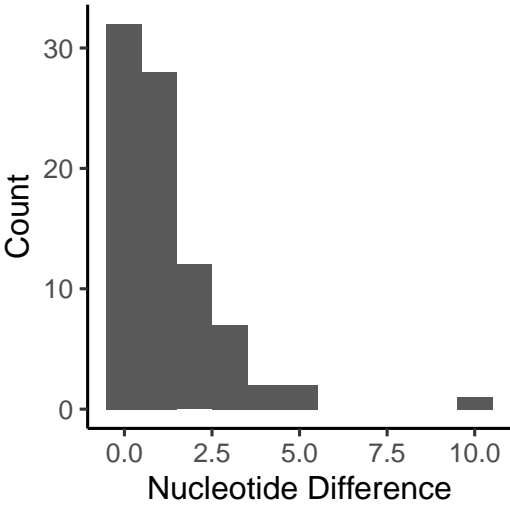
IGLV10-54\*02

6 sequences assigned  
3 (50%) exact matches, in which:  
3 unique CDR3  
2 unique J



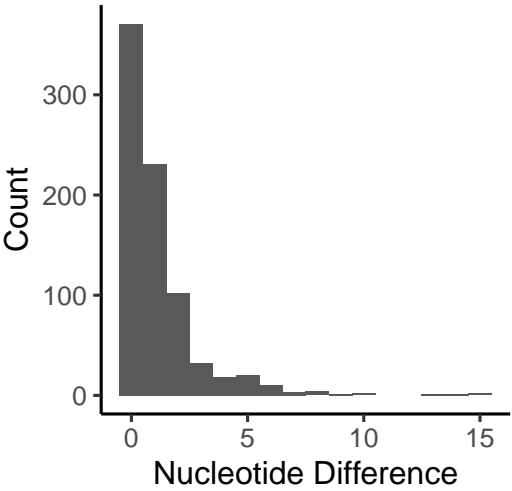
IGLV1-36\*01

84 sequences assigned  
32 (38.1%) exact matches, in which:  
25 unique CDR3  
3 unique J



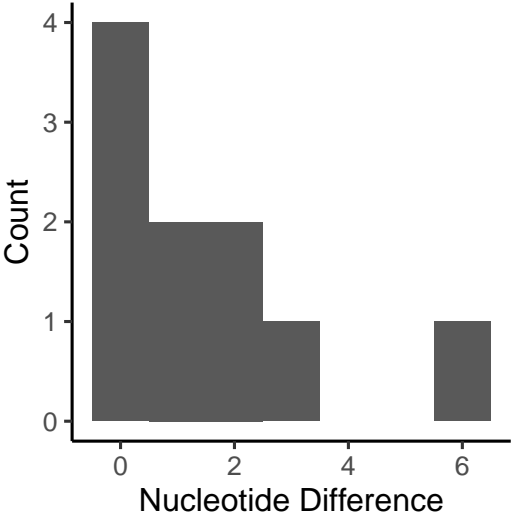
IGLV1-44\*01

798 sequences assigned  
371 (46.5%) exact matches, in which:  
266 unique CDR3  
4 unique J



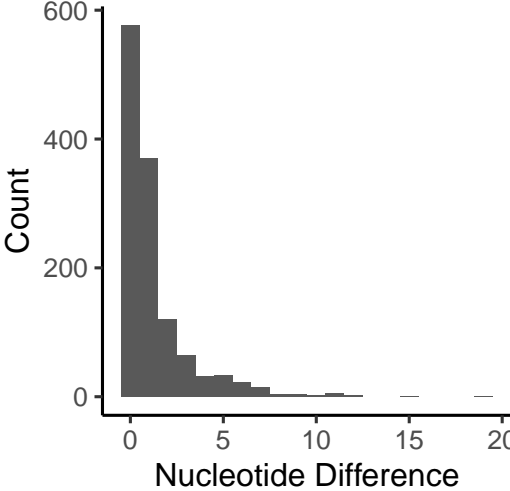
IGLV10-54\*01\_A207C\_A228C

10 sequences assigned  
4 (40%) exact matches, in which:  
4 unique CDR3  
2 unique J



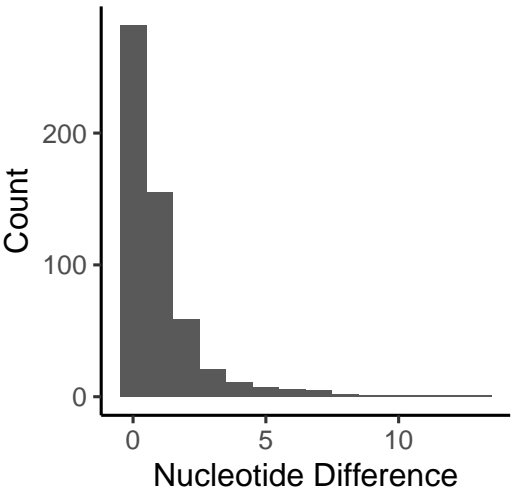
IGLV1-40\*01

1255 sequences assigned  
577 (46%) exact matches, in which:  
404 unique CDR3  
5 unique J



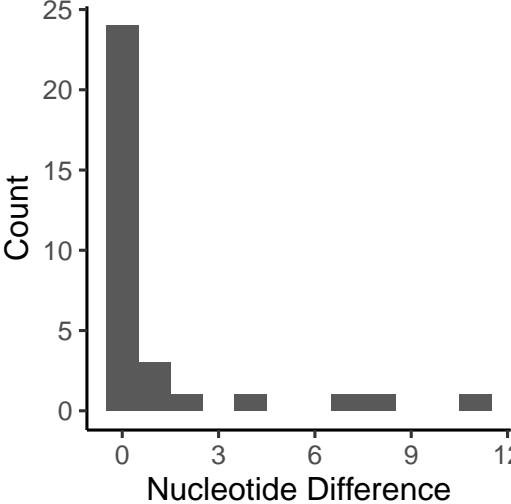
IGLV1-47\*01

553 sequences assigned  
282 (51%) exact matches, in which:  
218 unique CDR3  
4 unique J



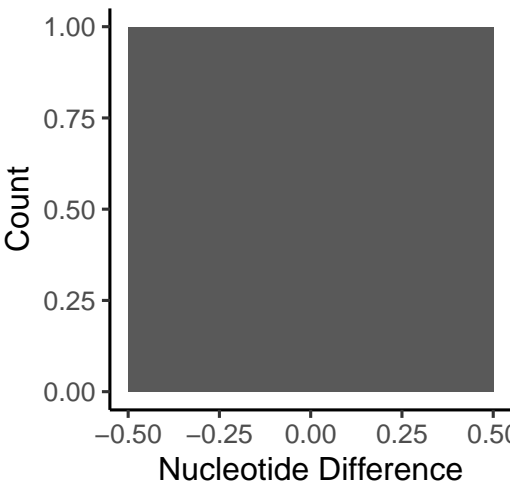
IGLV10-54\*01\_A228C

32 sequences assigned  
24 (75%) exact matches, in which:  
19 unique CDR3  
3 unique J



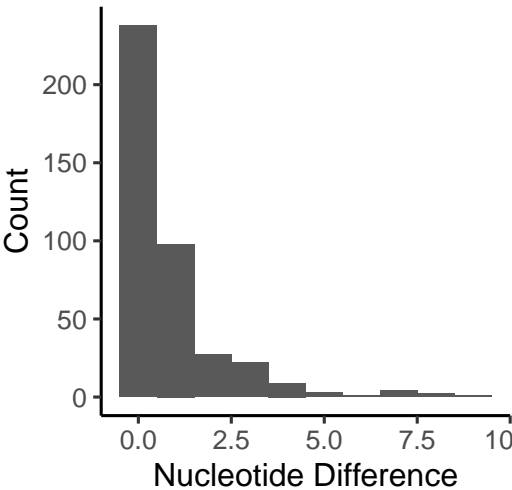
IGLV1-41\*01

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



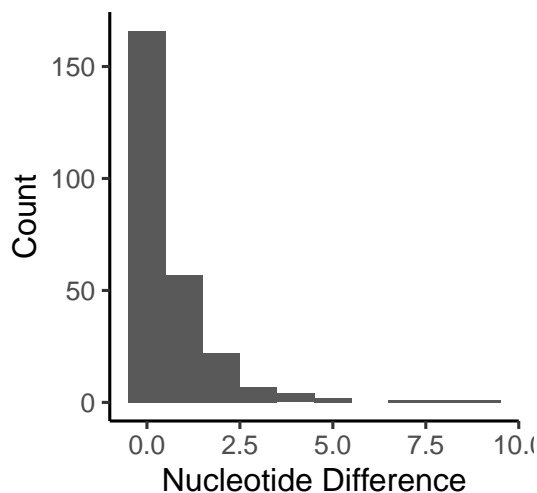
IGLV1-51\*01

405 sequences assigned  
238 (58.8%) exact matches, in which:  
159 unique CDR3  
4 unique J



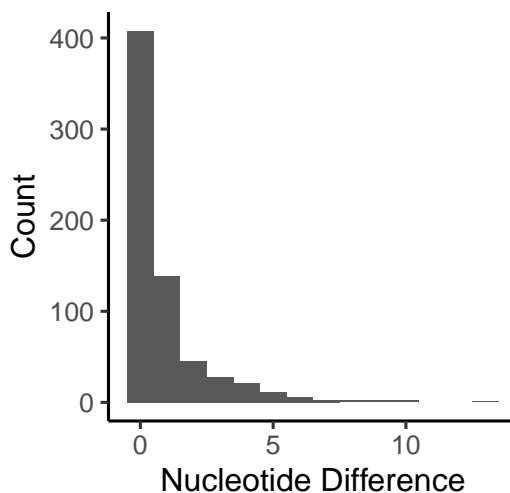
### IGLV1-51\*02

261 sequences assigned  
166 (63.6%) exact matches, in which:  
125 unique CDR3  
4 unique J



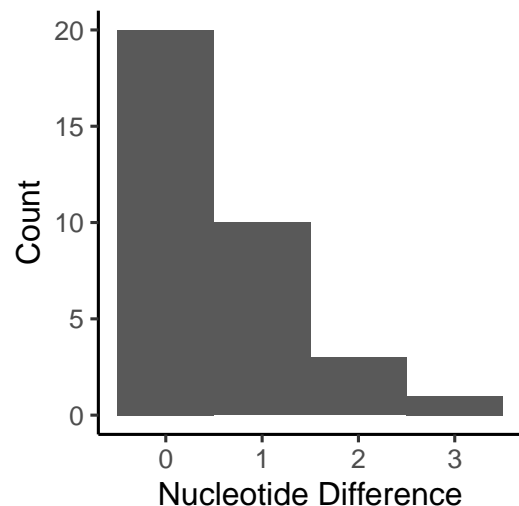
### IGLV2-11\*01

668 sequences assigned  
408 (61.1%) exact matches, in which:  
301 unique CDR3  
3 unique J



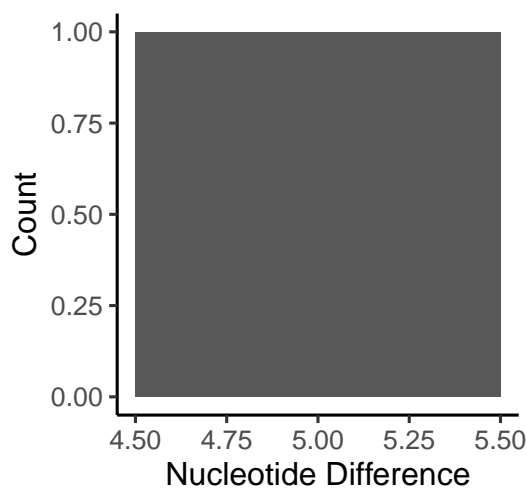
### IGLV2-18\*01

34 sequences assigned  
20 (58.8%) exact matches, in which:  
16 unique CDR3  
3 unique J



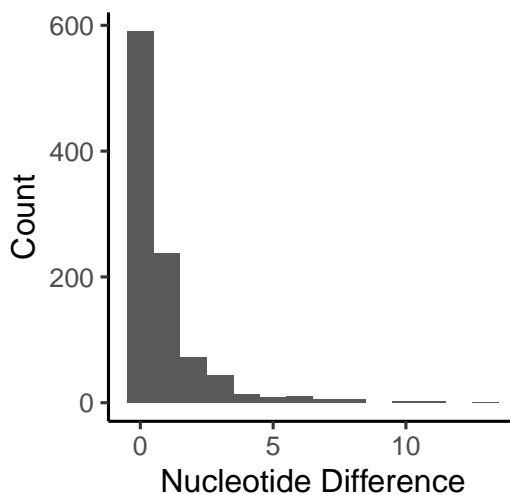
### IGLV2-5\*01

1 sequences assigned  
No exact matches.



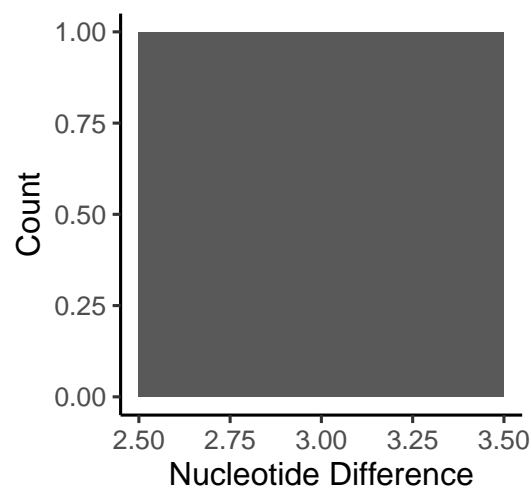
### IGLV2-14\*01

991 sequences assigned  
591 (59.6%) exact matches, in which:  
434 unique CDR3  
4 unique J



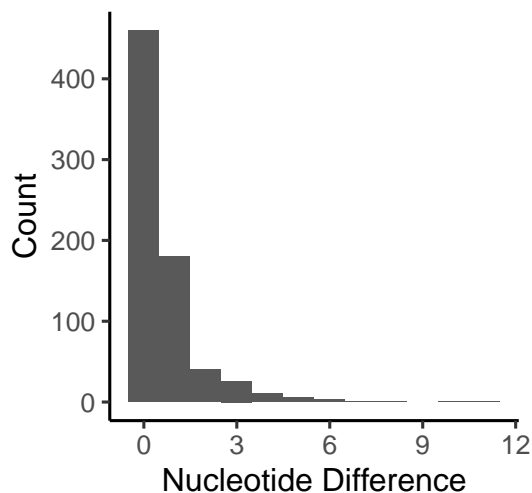
### IGLV2-18\*02

1 sequences assigned  
No exact matches.



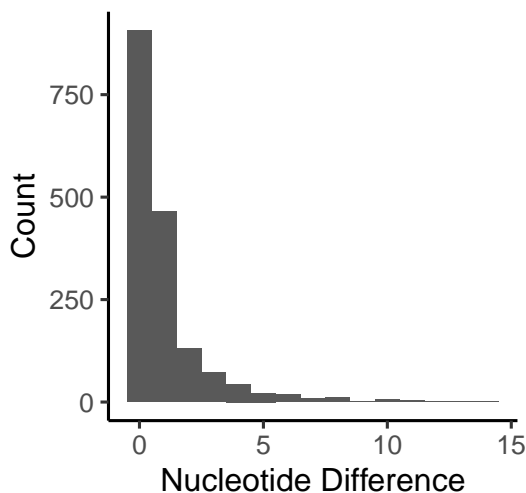
### IGLV2-8\*01

730 sequences assigned  
460 (63%) exact matches, in which:  
356 unique CDR3  
4 unique J



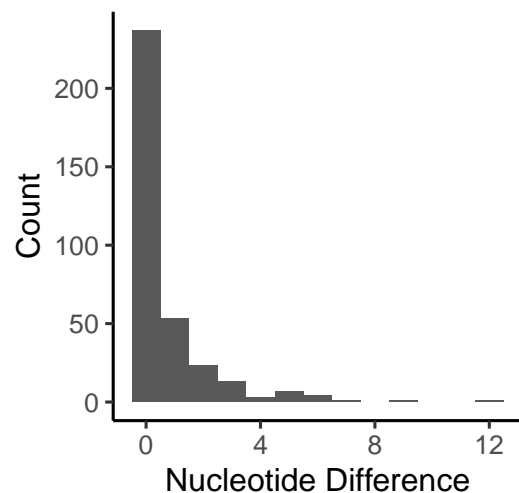
### IGLV2-14\*01\_T213C\_T2

1691 sequences assigned  
907 (53.6%) exact matches, in which:  
654 unique CDR3  
4 unique J



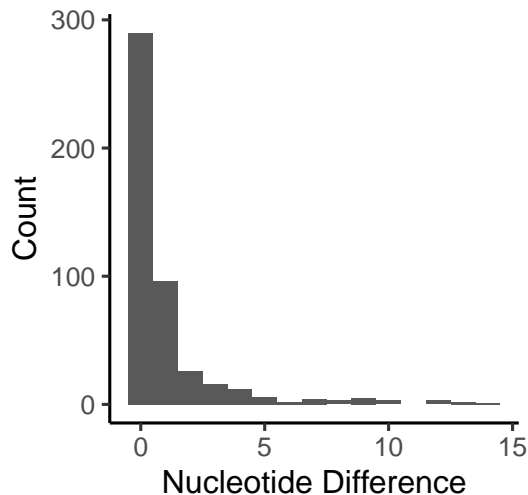
### IGLV2-23\*01

343 sequences assigned  
237 (69.1%) exact matches, in which:  
192 unique CDR3  
4 unique J



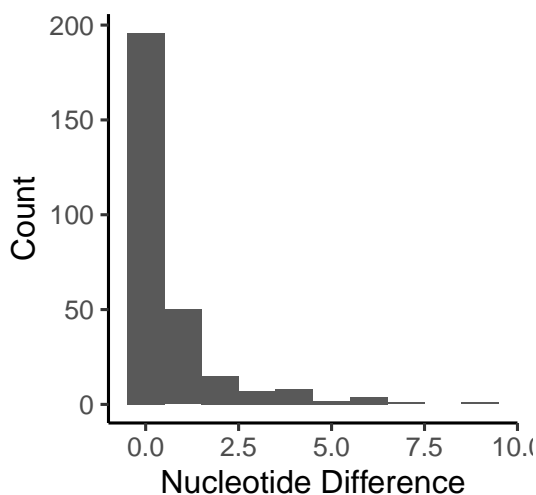
### IGLV2-23\*01\_G170T

469 sequences assigned  
290 (61.8%) exact matches, in which:  
231 unique CDR3  
3 unique J



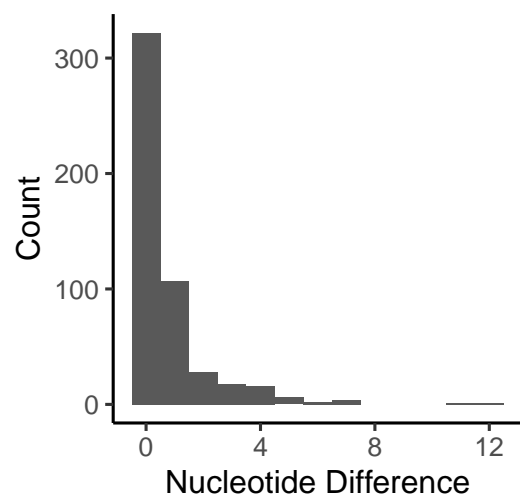
### IGLV3-10\*01

284 sequences assigned  
196 (69%) exact matches, in which:  
158 unique CDR3  
5 unique J



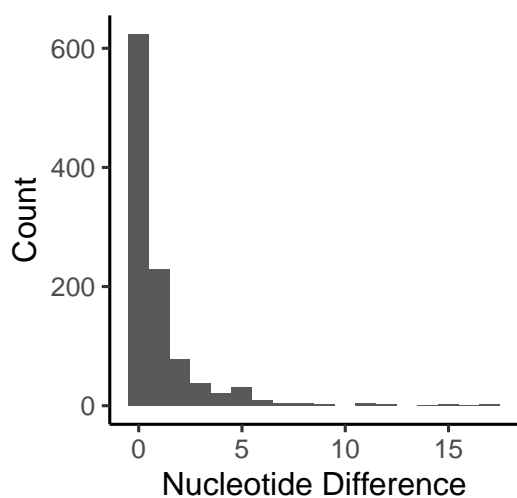
### IGLV3-21\*02

506 sequences assigned  
322 (63.6%) exact matches, in which:  
237 unique CDR3  
4 unique J



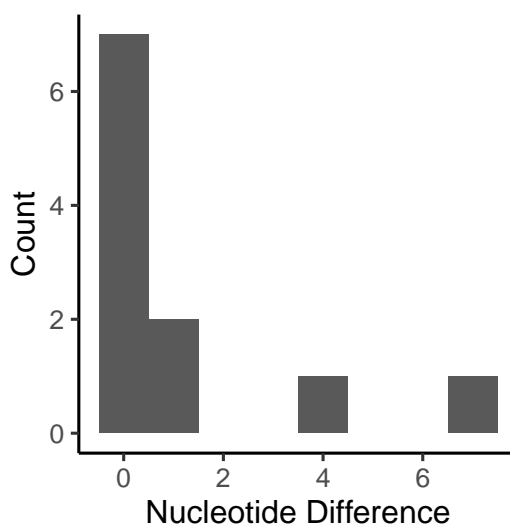
### IGLV3-1\*01

1054 sequences assigned  
624 (59.2%) exact matches, in which:  
471 unique CDR3  
4 unique J



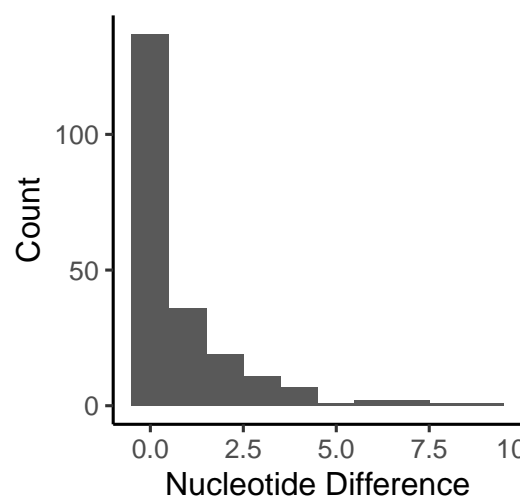
### IGLV3-16\*01

11 sequences assigned  
7 (63.6%) exact matches, in which:  
6 unique CDR3  
3 unique J



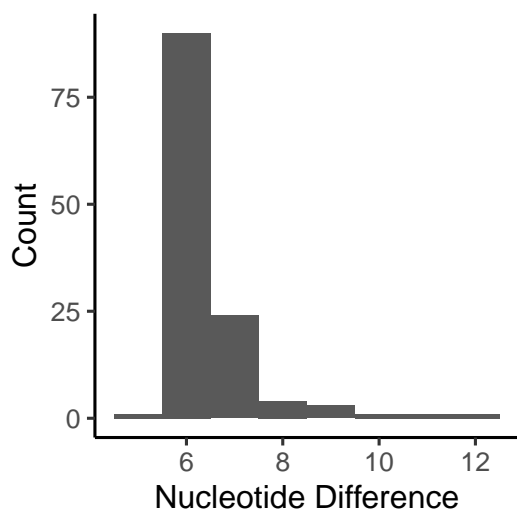
### IGLV3-21\*04

217 sequences assigned  
137 (63.1%) exact matches, in which:  
103 unique CDR3  
4 unique J



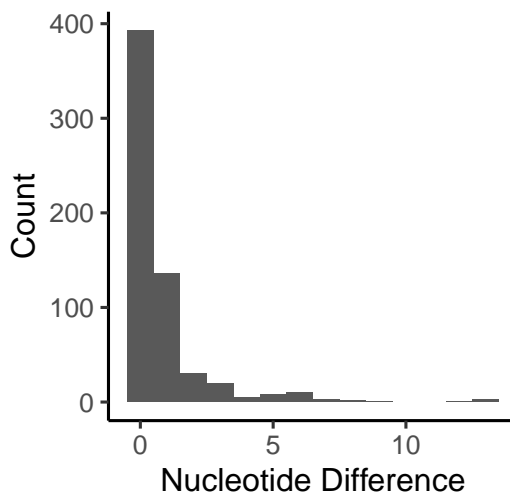
### IGLV3-9\*02

125 sequences assigned  
No exact matches.



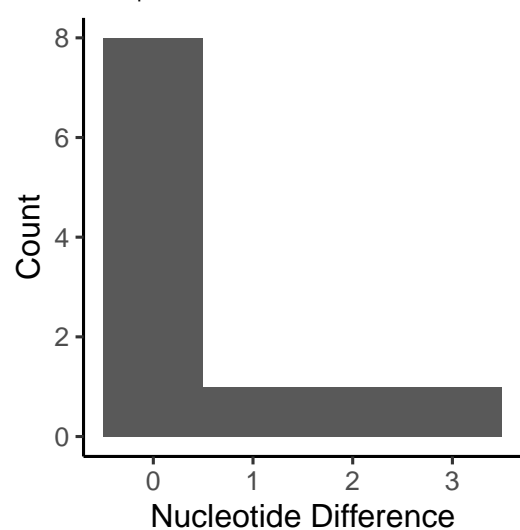
### IGLV3-19\*01

612 sequences assigned  
393 (64.2%) exact matches, in which:  
313 unique CDR3  
4 unique J



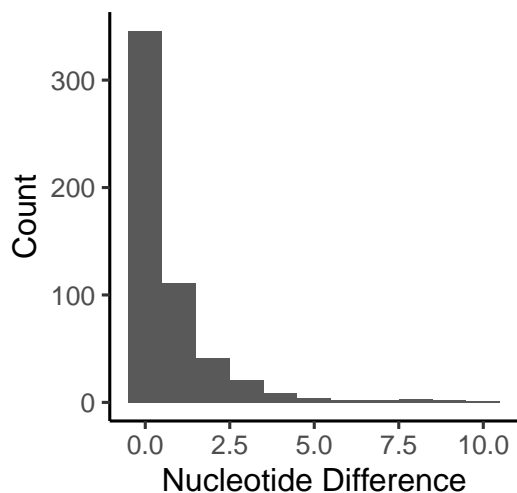
### IGLV3-22\*01

11 sequences assigned  
8 (72.7%) exact matches, in which:  
7 unique CDR3  
3 unique J



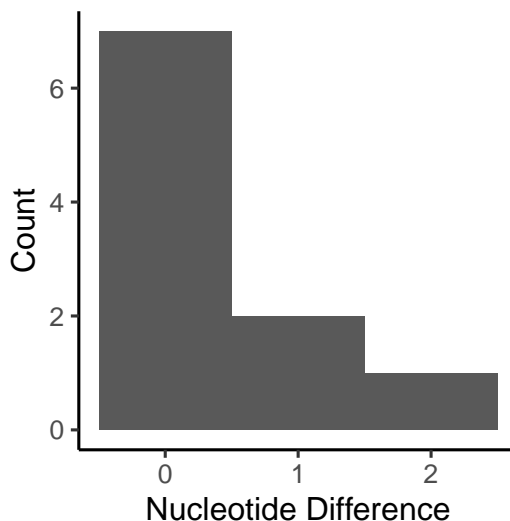
### IGLV3–25\*03

542 sequences assigned  
346 (63.8%) exact matches, in which:  
275 unique CDR3  
4 unique J



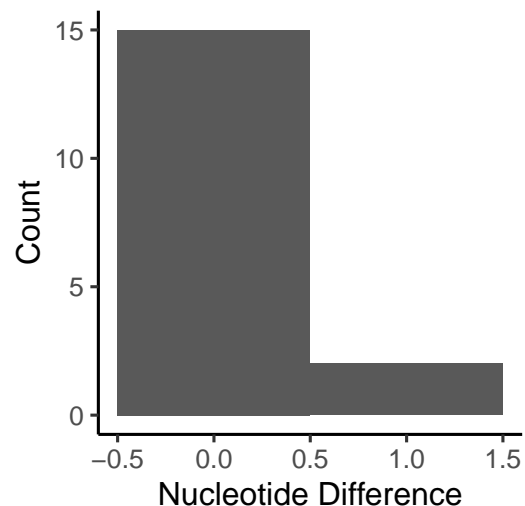
### IGLV4–3\*01

10 sequences assigned  
7 (70%) exact matches, in which:  
6 unique CDR3  
2 unique J



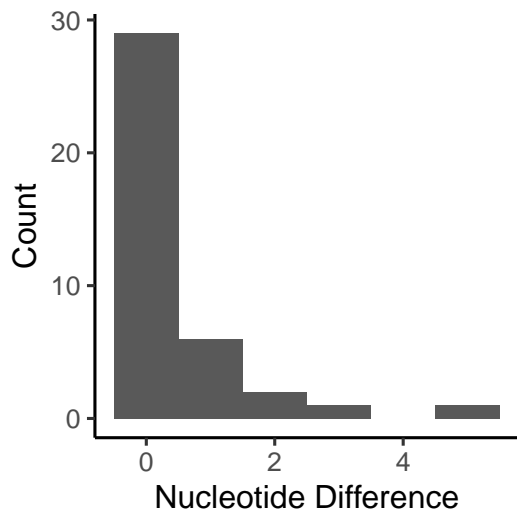
### IGLV5–37\*01

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



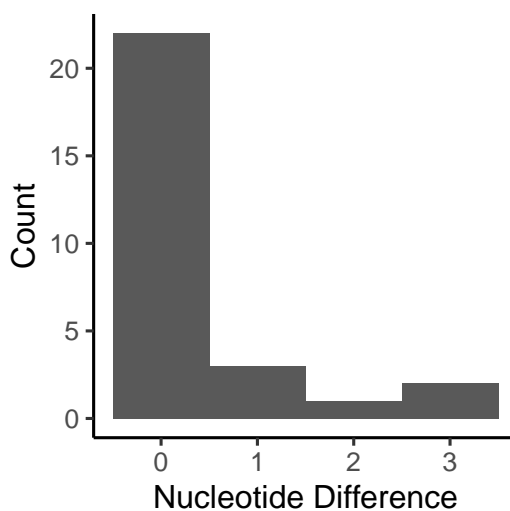
### IGLV3–27\*01

39 sequences assigned  
29 (74.4%) exact matches, in which:  
27 unique CDR3  
3 unique J



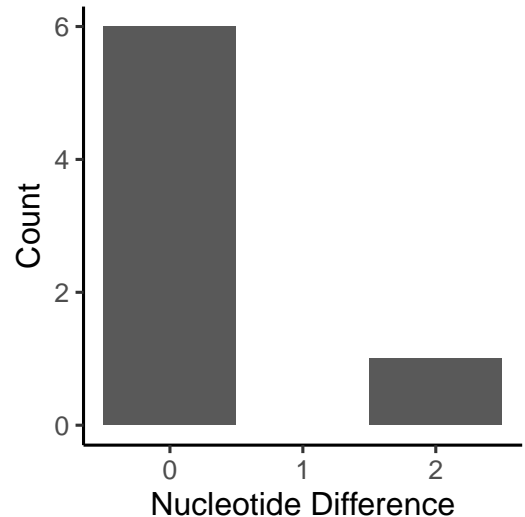
### IGLV4–60\*02\_T287C

28 sequences assigned  
22 (78.6%) exact matches, in which:  
22 unique CDR3  
4 unique J



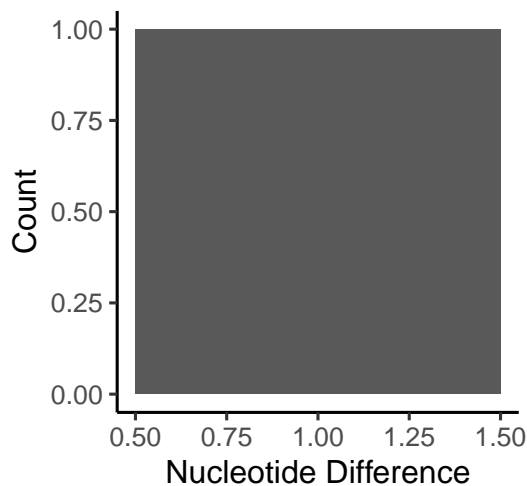
### IGLV5–39\*01

7 sequences assigned  
6 (85.7%) exact matches, in which:  
3 unique CDR3  
2 unique J



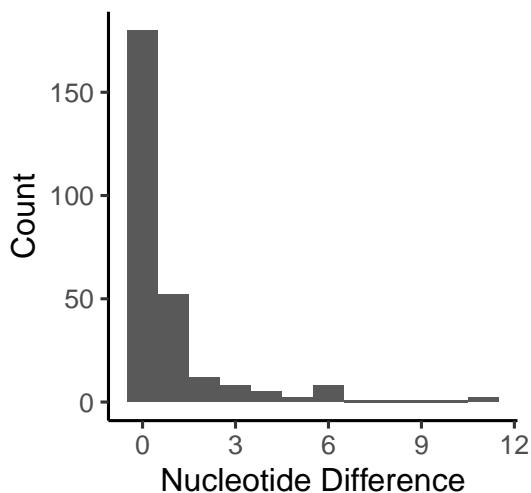
### IGLV3–32\*01

1 sequences assigned  
No exact matches.



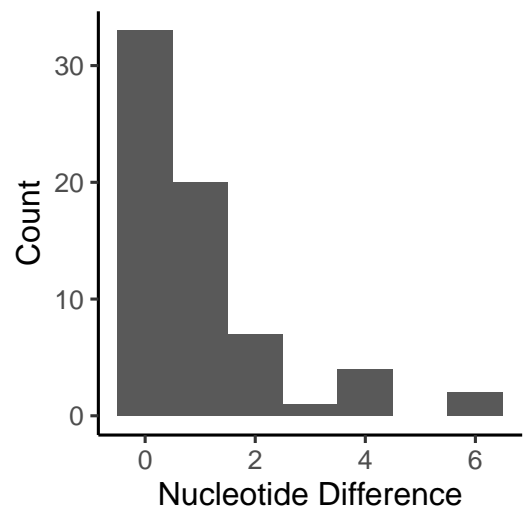
### IGLV4–69\*01

273 sequences assigned  
180 (65.9%) exact matches, in which:  
139 unique CDR3  
5 unique J



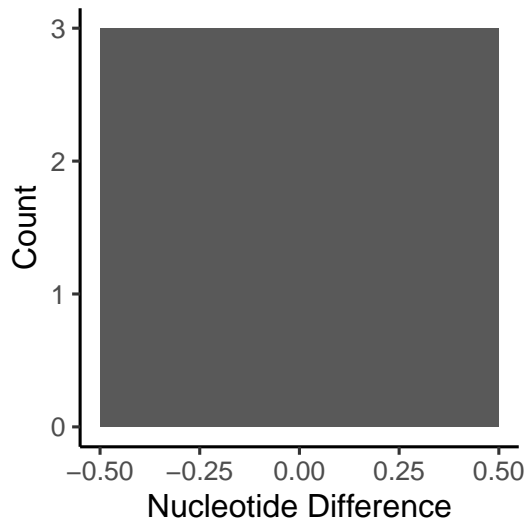
### IGLV5–45\*02

67 sequences assigned  
33 (49.3%) exact matches, in which:  
19 unique CDR3  
3 unique J



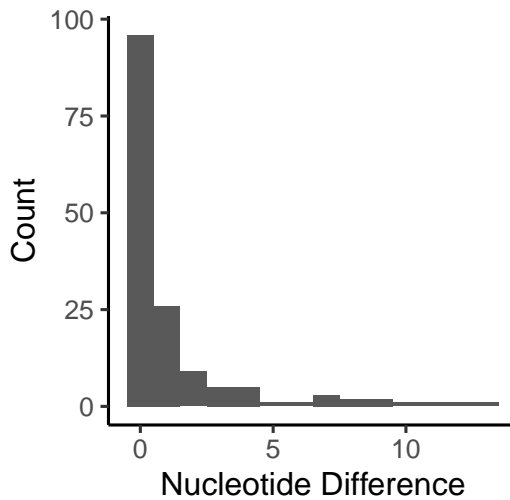
### IGLV5-48\*01

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



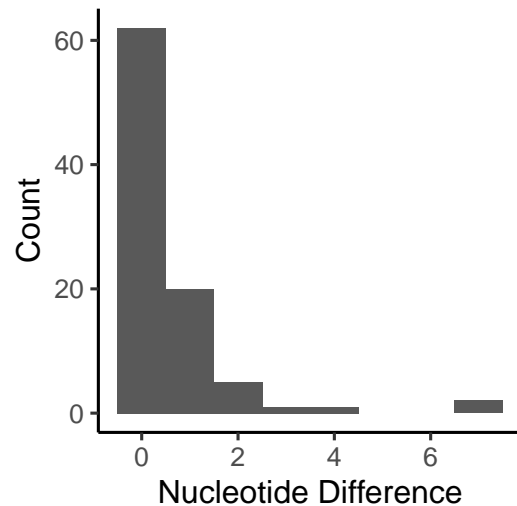
### IGLV7-43\*01

154 sequences assigned  
96 (62.3%) exact matches, in which:  
77 unique CDR3  
3 unique J



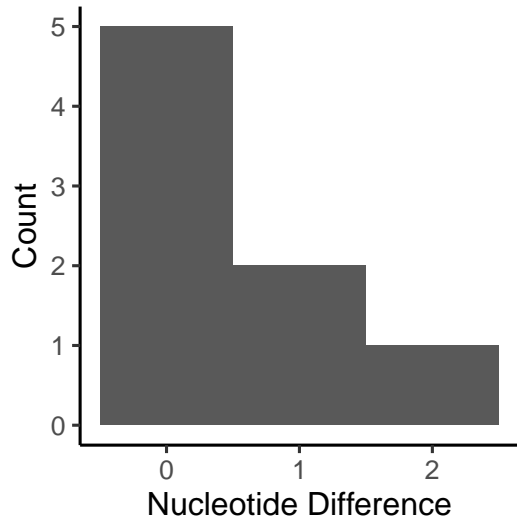
### IGLV9-49\*01

91 sequences assigned  
62 (68.1%) exact matches, in which:  
52 unique CDR3  
4 unique J



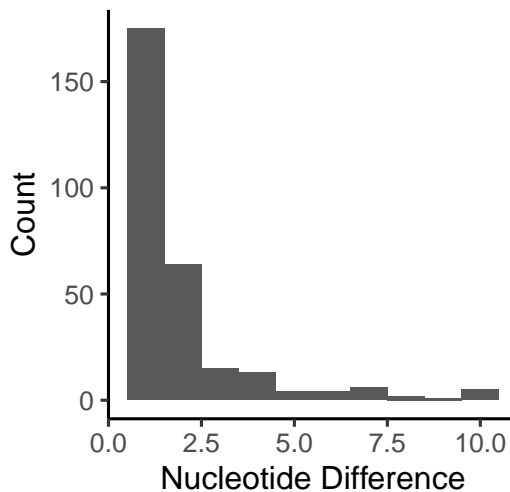
### IGLV5-52\*01

8 sequences assigned  
5 (62.5%) exact matches, in which:  
5 unique CDR3  
2 unique J



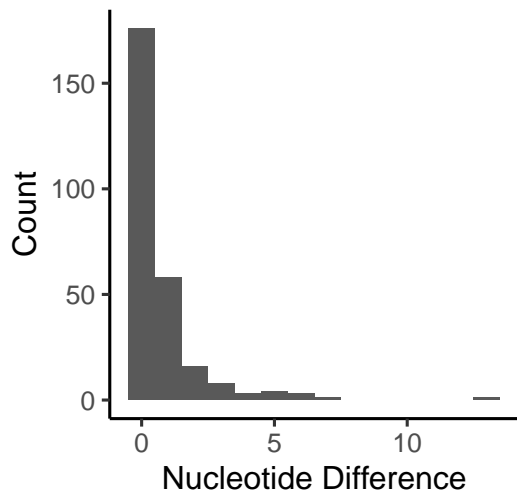
### IGLV7-46\*01

289 sequences assigned  
No exact matches.



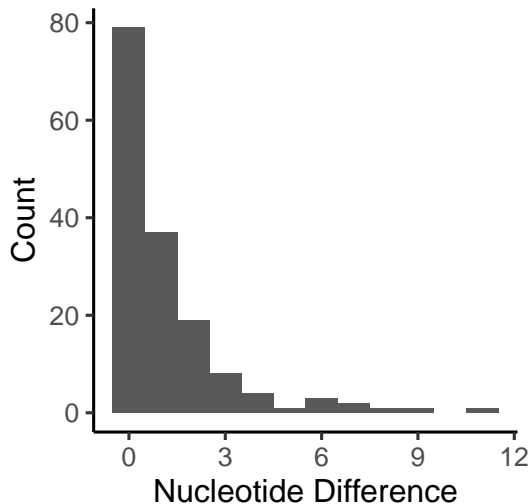
### IGLV6-57\*02

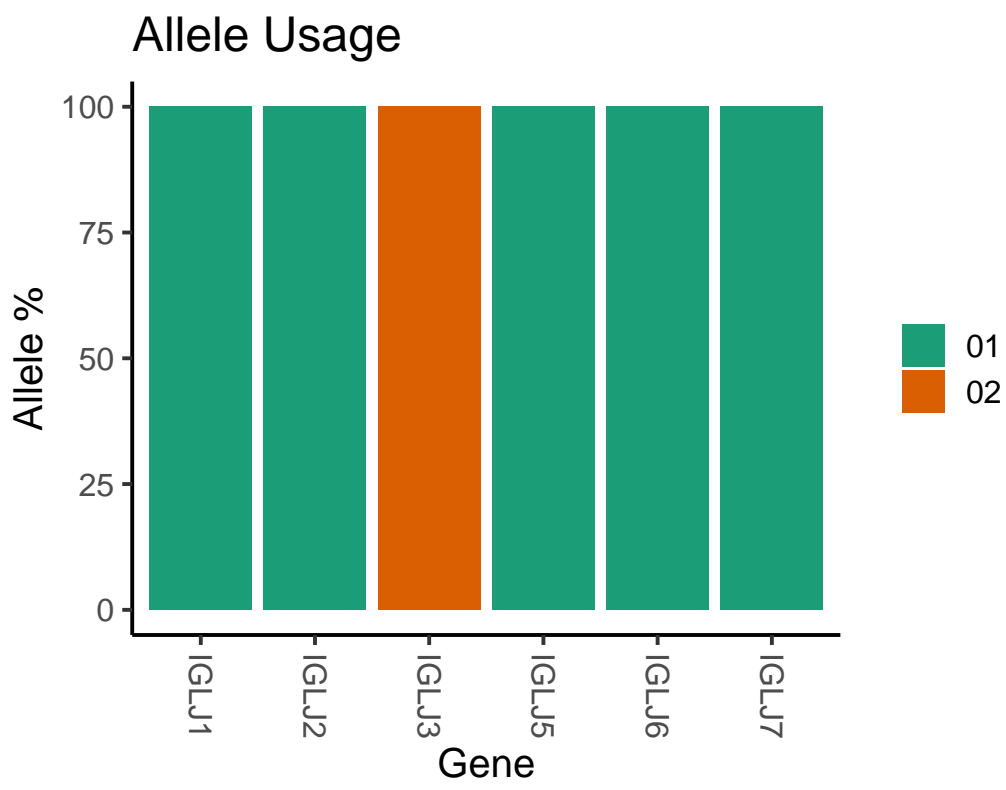
271 sequences assigned  
176 (64.9%) exact matches, in which:  
128 unique CDR3  
5 unique J



### IGLV8-61\*01

156 sequences assigned  
79 (50.6%) exact matches, in which:  
58 unique CDR3  
4 unique J





Warning – no inferred sequences found.