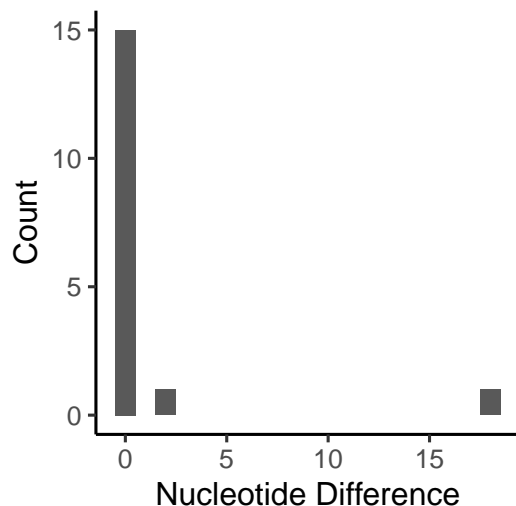


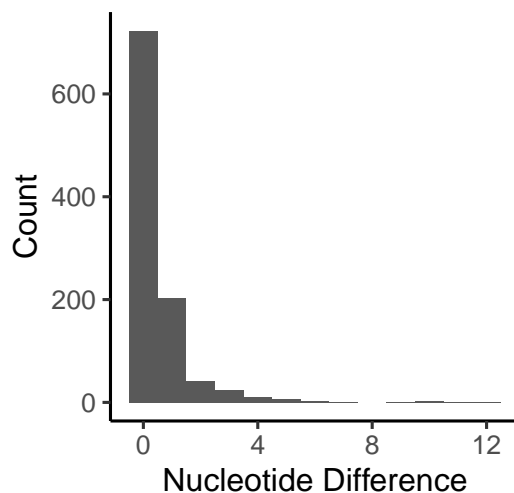
### IGLV10-54\*01

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



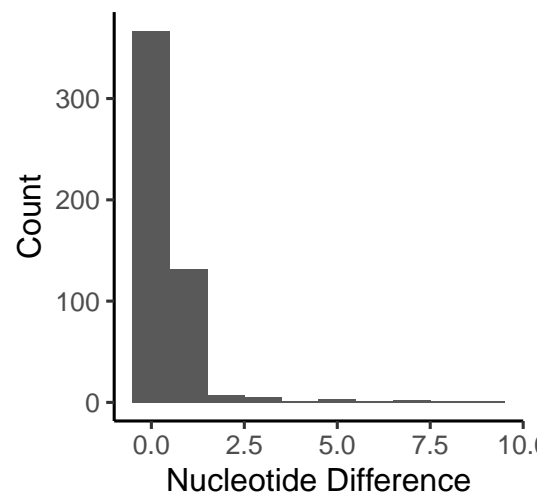
### IGLV1-40\*01

1017 sequences assigned  
723 (71.1%) exact matches, in which:  
555 unique CDR3  
4 unique J



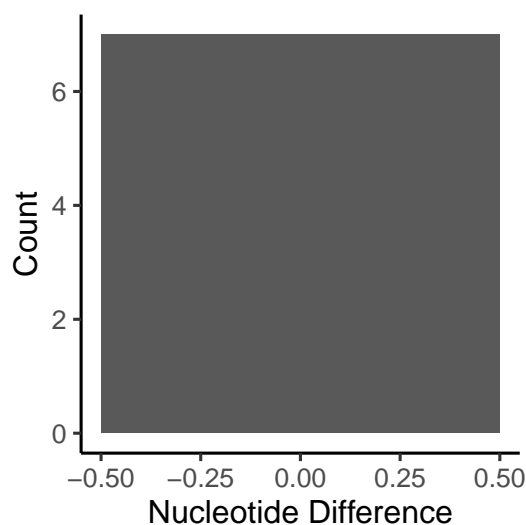
### IGLV1-47\*01

520 sequences assigned  
367 (70.6%) exact matches, in which:  
283 unique CDR3  
4 unique J



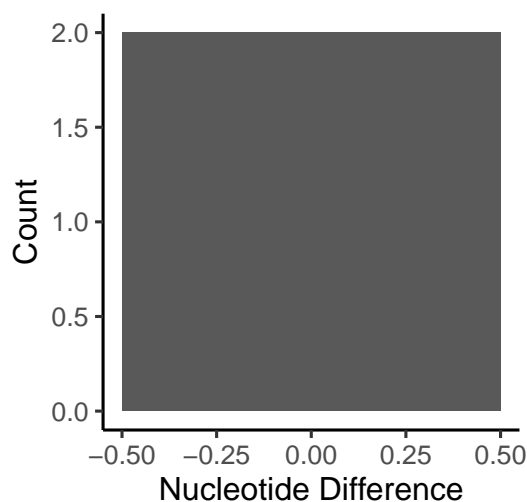
### IGLV10-54\*02

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



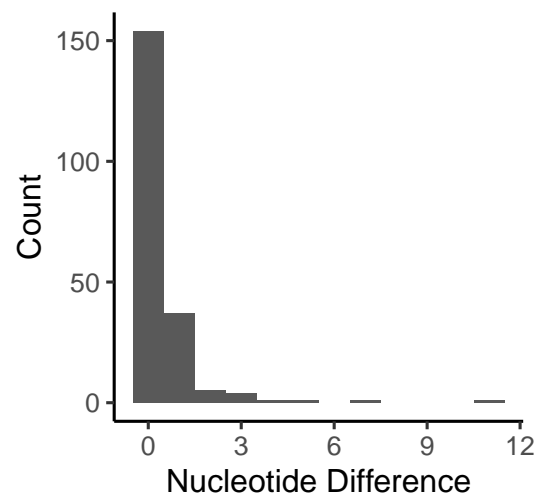
### IGLV1-41\*01

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



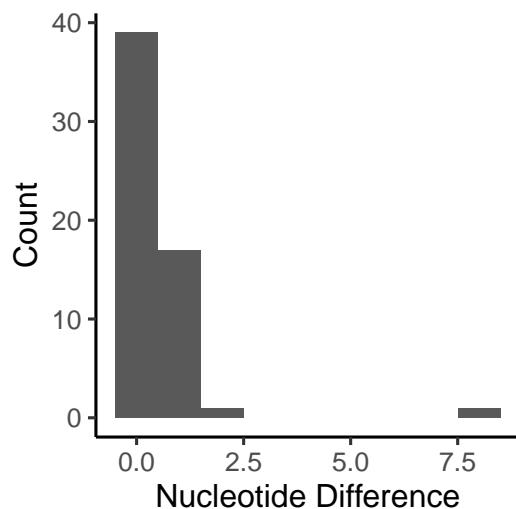
### IGLV1-51\*01

204 sequences assigned  
154 (75.5%) exact matches, in which:  
116 unique CDR3  
3 unique J



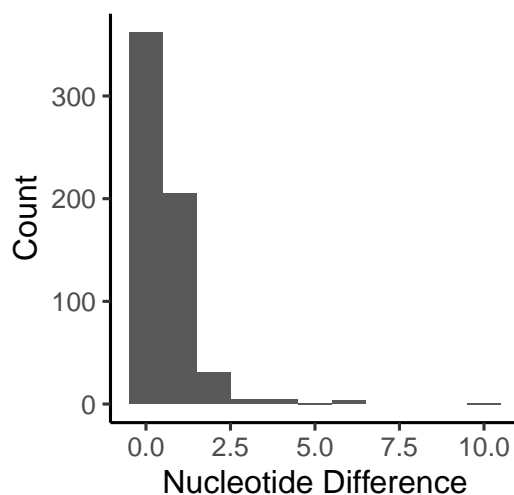
### IGLV1-36\*01

58 sequences assigned  
39 (67.2%) exact matches, in which:  
31 unique CDR3  
3 unique J



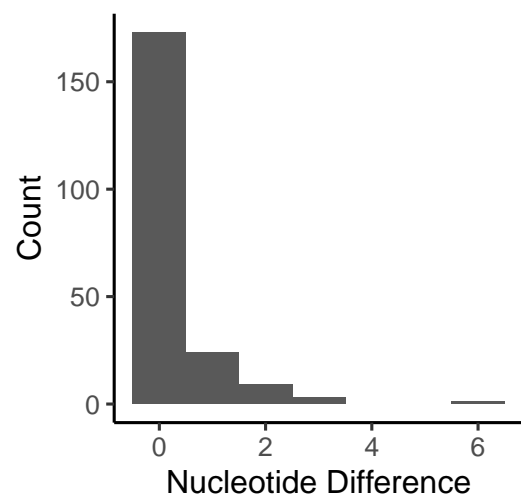
### IGLV1-44\*01

611 sequences assigned  
362 (59.2%) exact matches, in which:  
269 unique CDR3  
5 unique J



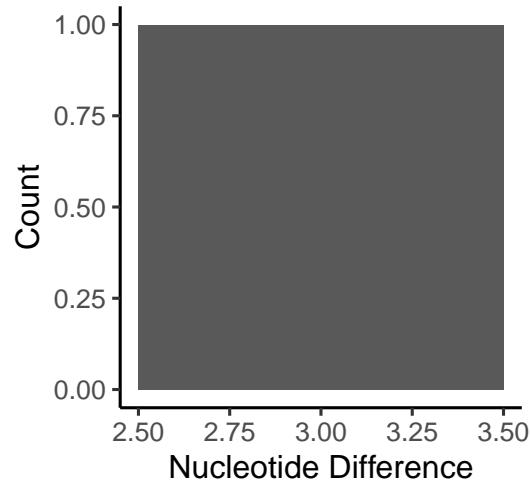
### IGLV1-51\*02

210 sequences assigned  
173 (82.4%) exact matches, in which:  
133 unique CDR3  
4 unique J



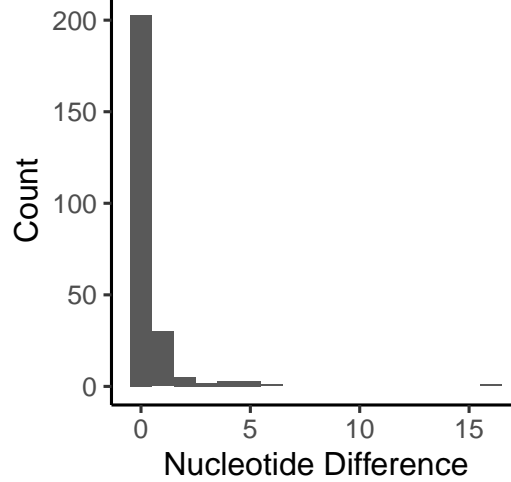
### IGLV2-5\*01

1 sequences assigned  
No exact matches.



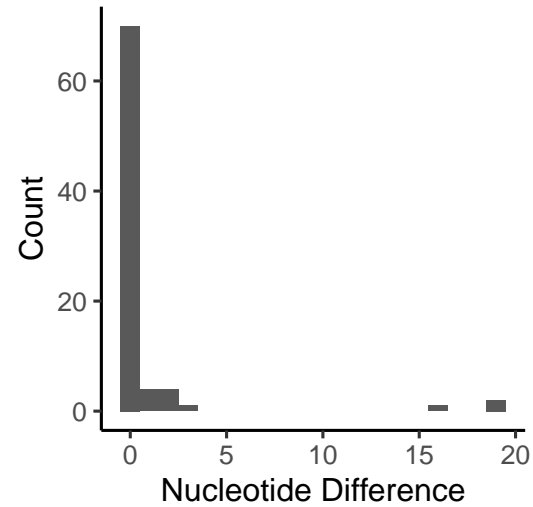
### IGLV2-11\*01

248 sequences assigned  
203 (81.9%) exact matches, in which:  
159 unique CDR3  
3 unique J



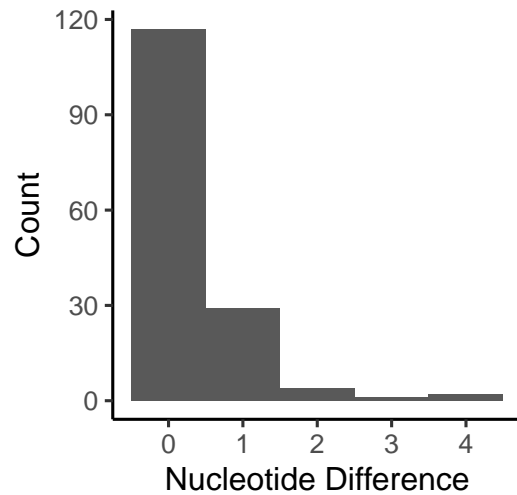
### IGLV2-18\*02

82 sequences assigned  
70 (85.4%) exact matches, in which:  
45 unique CDR3  
3 unique J



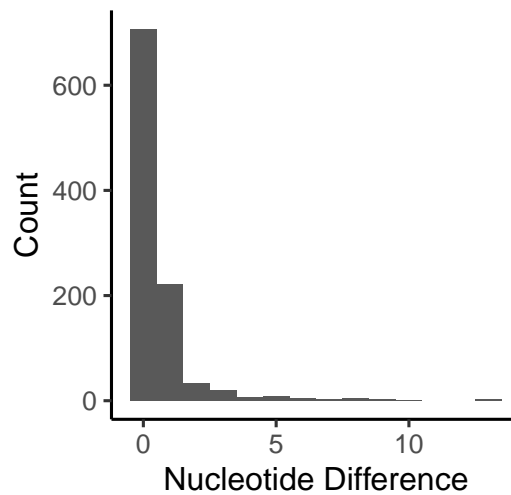
### IGLV2-8\*01

154 sequences assigned  
117 (76%) exact matches, in which:  
102 unique CDR3  
3 unique J



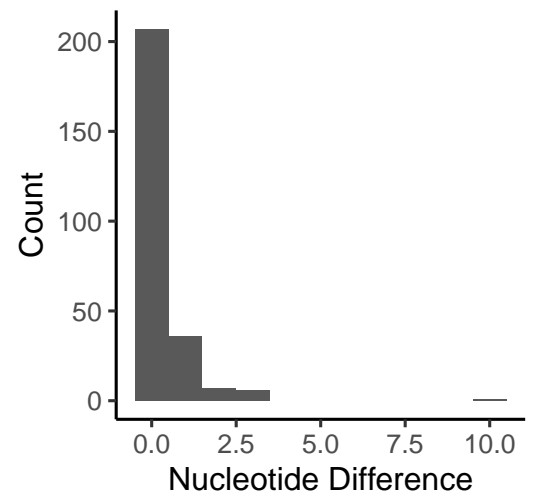
### IGLV2-14\*04EXT3

1014 sequences assigned  
707 (69.7%) exact matches, in which:  
564 unique CDR3  
3 unique J



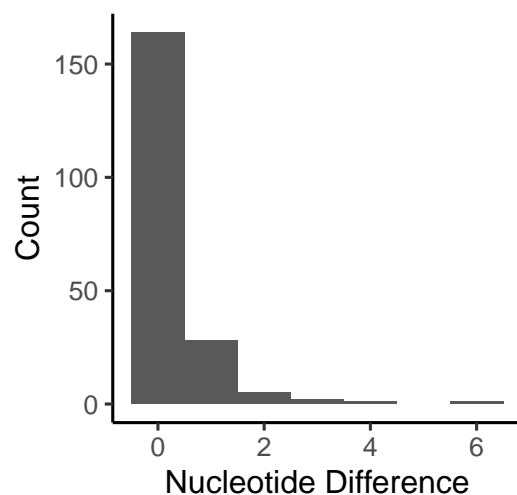
### IGLV2-23\*01

257 sequences assigned  
207 (80.5%) exact matches, in which:  
186 unique CDR3  
4 unique J



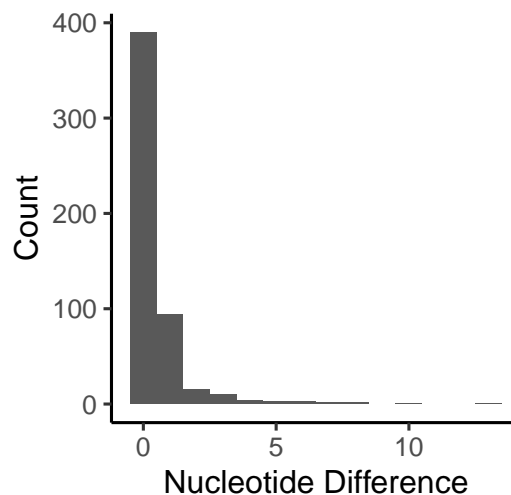
### IGLV2-8\*03EXT3

201 sequences assigned  
164 (81.6%) exact matches, in which:  
137 unique CDR3  
3 unique J



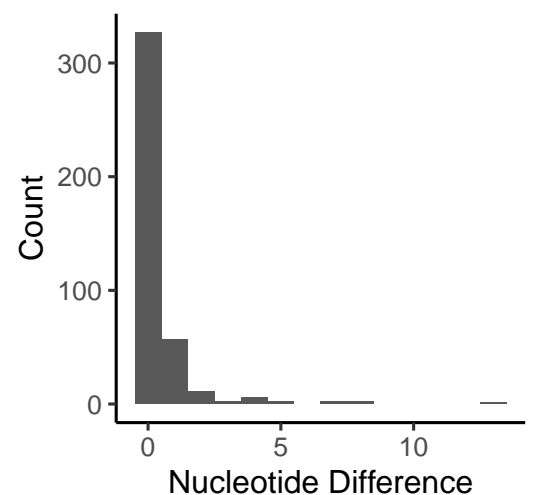
### IGLV2-14\*04EXT3\_T198

525 sequences assigned  
390 (74.3%) exact matches, in which:  
332 unique CDR3  
4 unique J



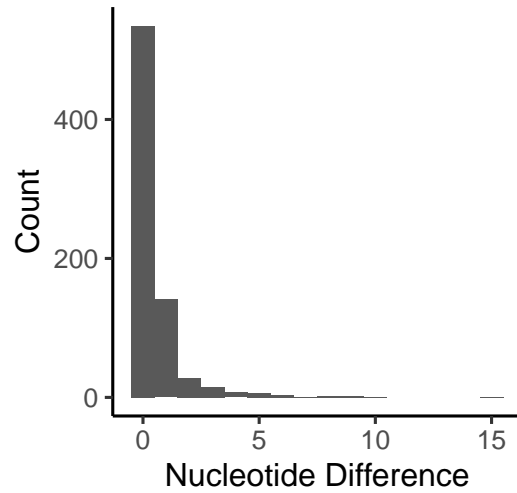
### IGLV2-23\*01\_G170T

410 sequences assigned  
327 (79.8%) exact matches, in which:  
286 unique CDR3  
3 unique J



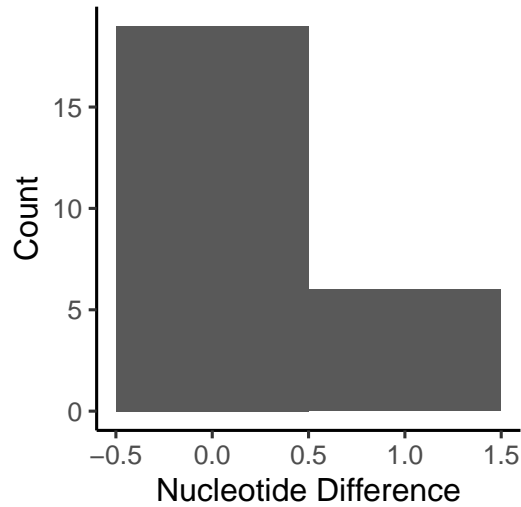
### IGLV3-1\*01

743 sequences assigned  
535 (72%) exact matches, in which:  
420 unique CDR3  
4 unique J



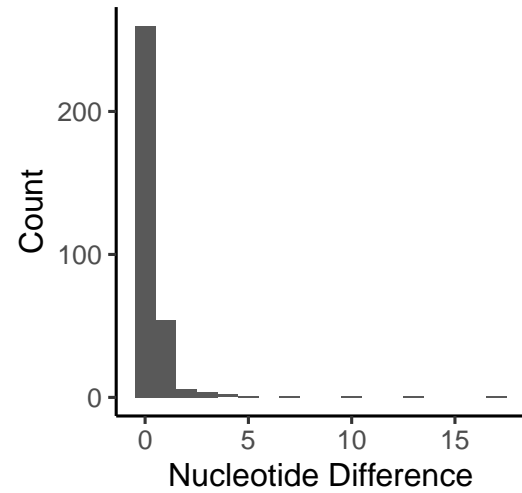
### IGLV3-16\*01

26 sequences assigned  
19 (73.1%) exact matches, in which:  
18 unique CDR3  
4 unique J



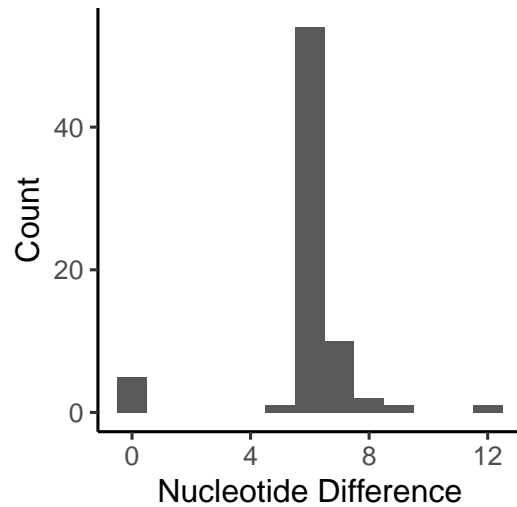
### IGLV3-25\*03

331 sequences assigned  
260 (78.5%) exact matches, in which:  
228 unique CDR3  
4 unique J



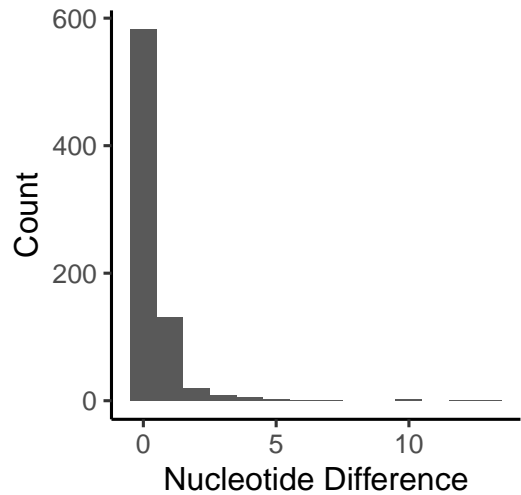
### IGLV3-9\*02

74 sequences assigned  
5 (6.8%) exact matches, in which:  
5 unique CDR3  
2 unique J



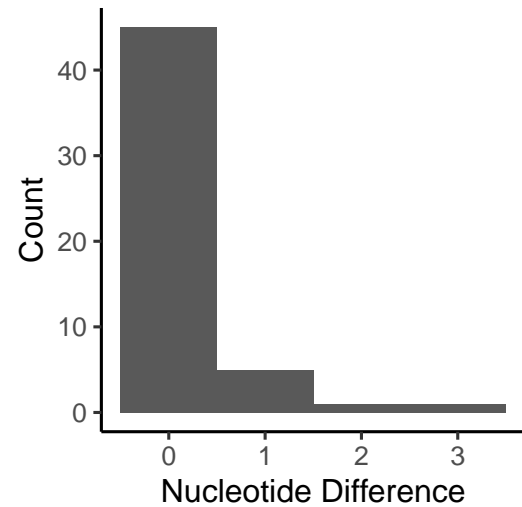
### IGLV3-19\*01

756 sequences assigned  
583 (77.1%) exact matches, in which:  
404 unique CDR3  
4 unique J



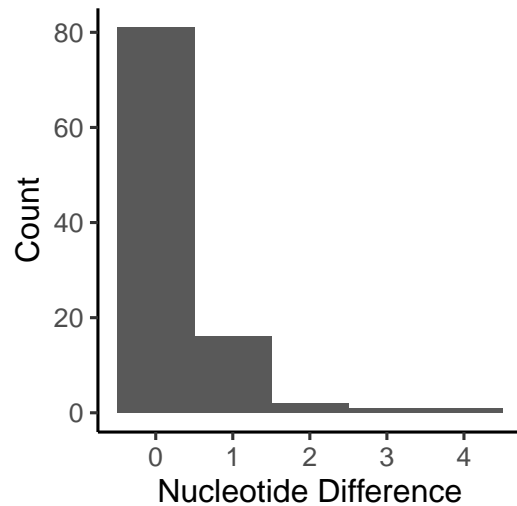
### IGLV3-27\*01

52 sequences assigned  
45 (86.5%) exact matches, in which:  
42 unique CDR3  
4 unique J



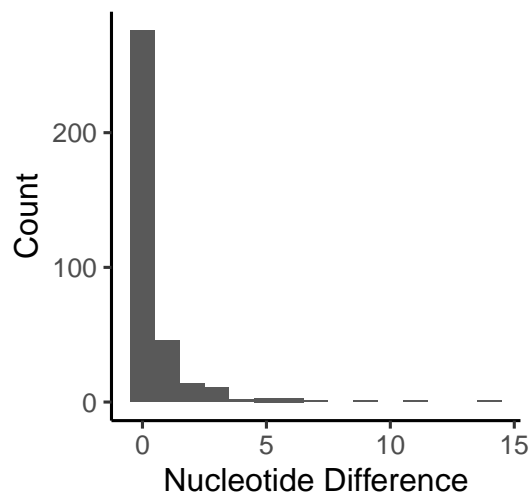
### IGLV3-10\*01

101 sequences assigned  
81 (80.2%) exact matches, in which:  
65 unique CDR3  
4 unique J



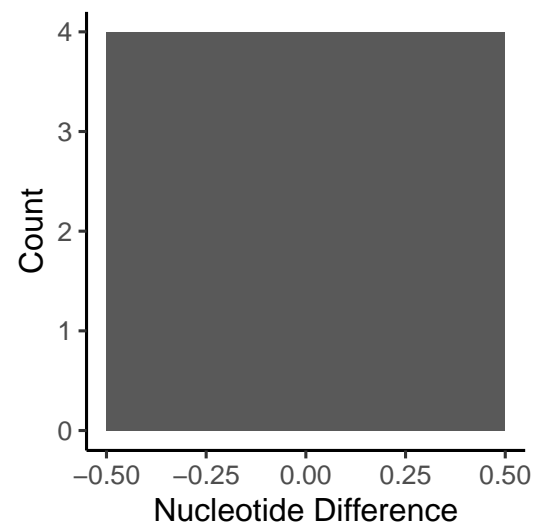
### IGLV3-21\*04

359 sequences assigned  
276 (76.9%) exact matches, in which:  
211 unique CDR3  
5 unique J



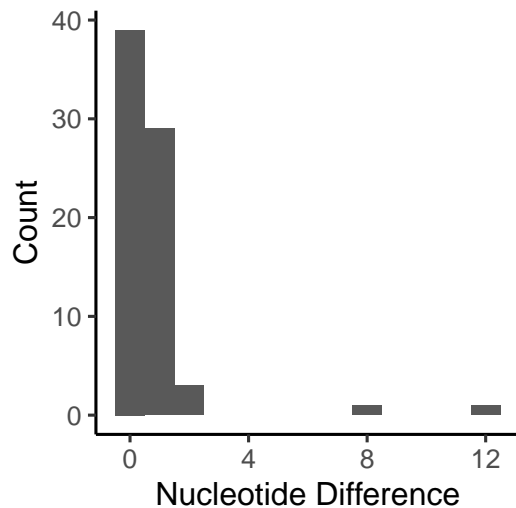
### IGLV4-3\*01

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



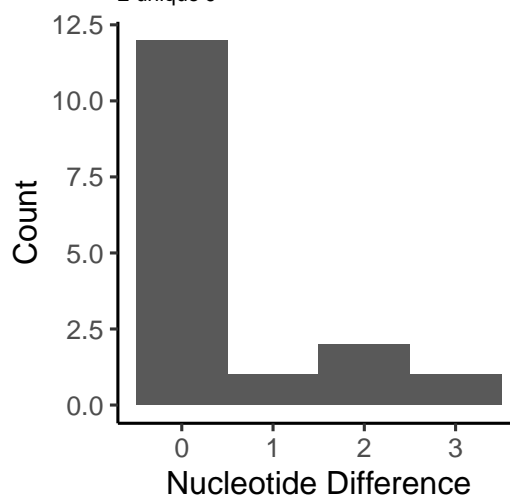
### IGLV4-60\*02

73 sequences assigned  
39 (53.4%) exact matches, in which:  
32 unique CDR3  
3 unique J



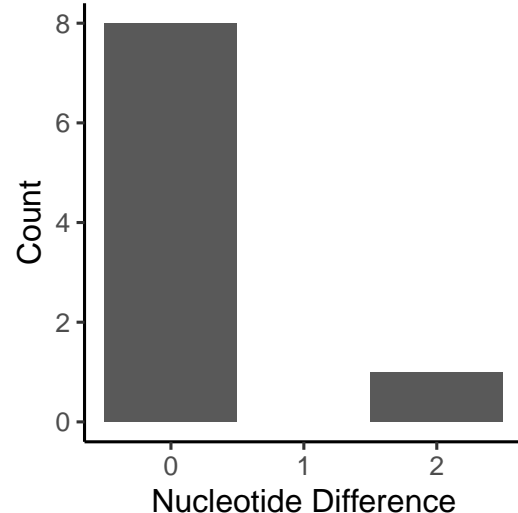
### IGLV5-39\*01

16 sequences assigned  
12 (75%) exact matches, in which:  
11 unique CDR3  
2 unique J



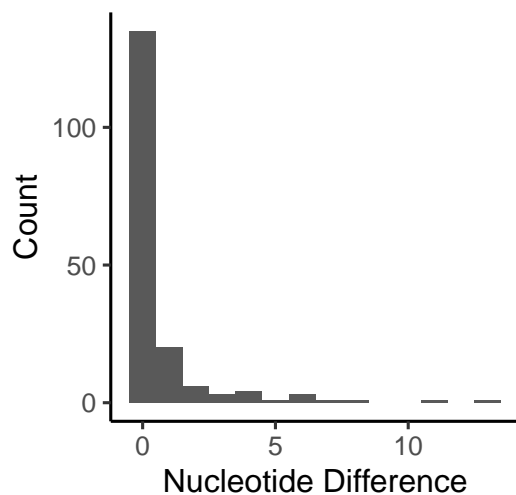
### IGLV5-52\*01

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



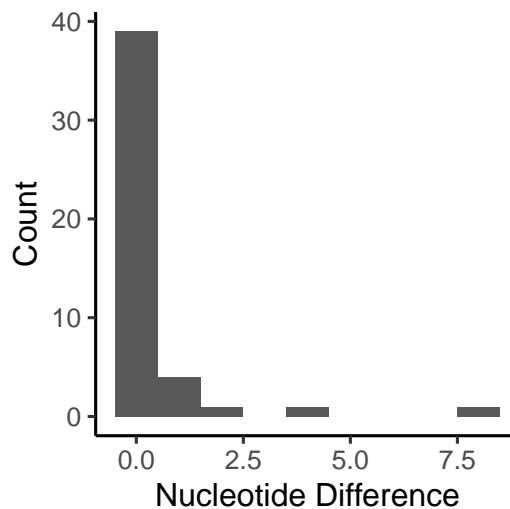
### IGLV4-69\*01

176 sequences assigned  
135 (76.7%) exact matches, in which:  
111 unique CDR3  
3 unique J



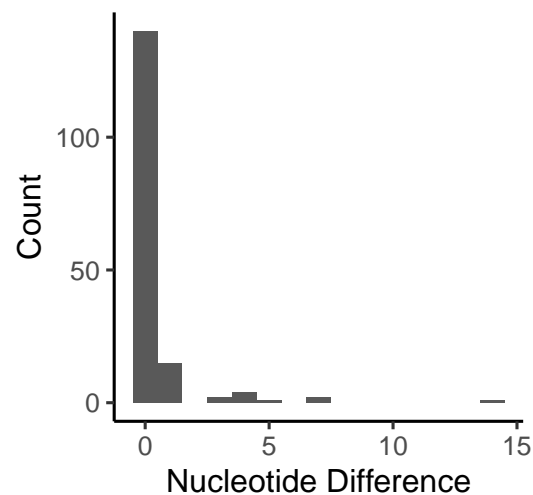
### IGLV5-45\*03

46 sequences assigned  
39 (84.8%) exact matches, in which:  
29 unique CDR3  
4 unique J



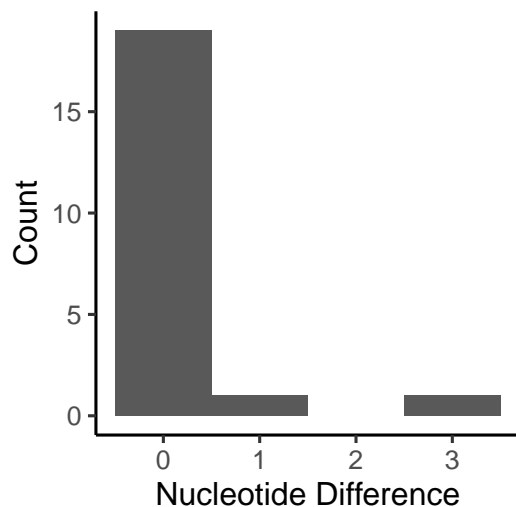
### IGLV6-57\*01

165 sequences assigned  
140 (84.8%) exact matches, in which:  
114 unique CDR3  
5 unique J



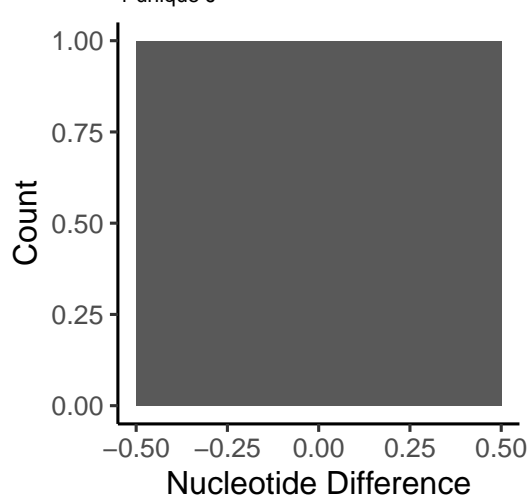
### IGLV5-37\*01

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



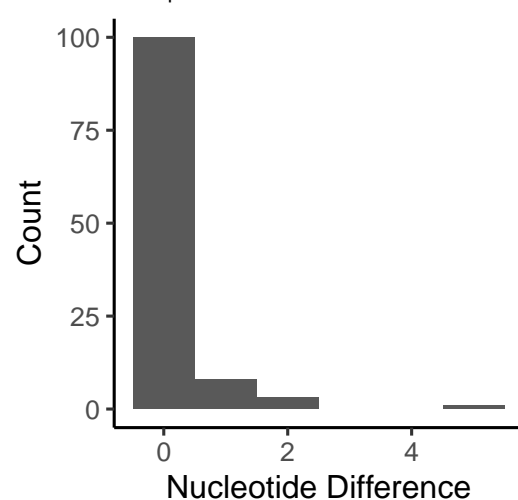
### IGLV5-48\*01

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



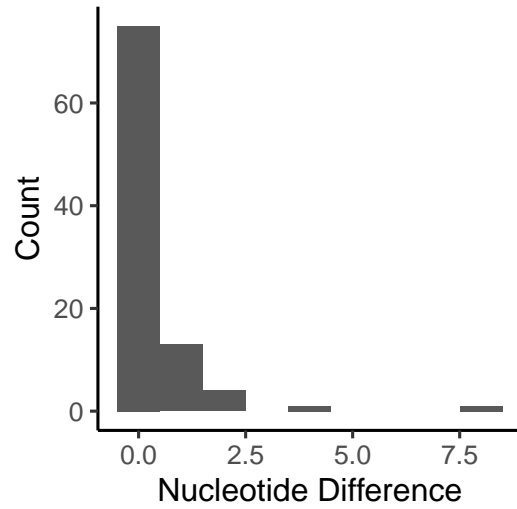
### IGLV6-57\*03\_C21G

112 sequences assigned  
100 (89.3%) exact matches, in which:  
79 unique CDR3  
5 unique J



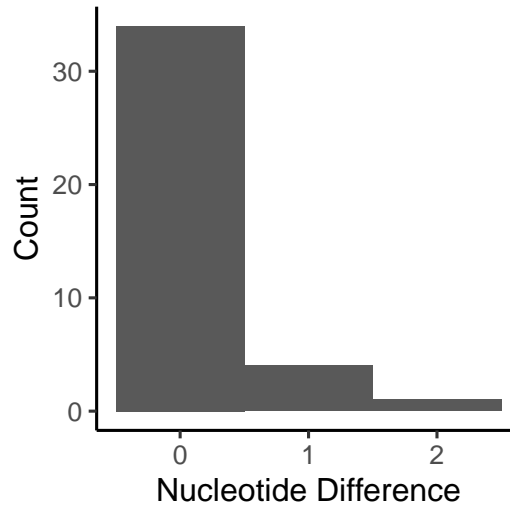
## IGLV7-43\*01

94 sequences assigned  
75 (79.8%) exact matches, in which:  
62 unique CDR3  
4 unique J



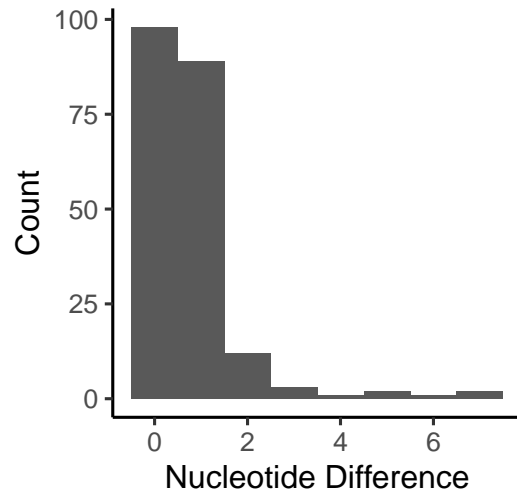
## IGLV9-49\*01

39 sequences assigned  
34 (87.2%) exact matches, in which:  
30 unique CDR3  
4 unique J



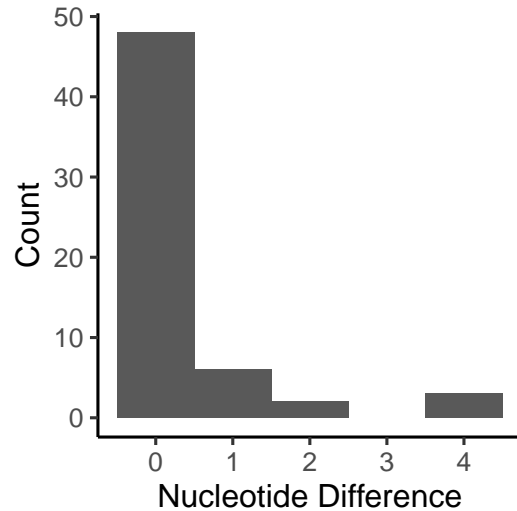
## IGLV7-46\*01

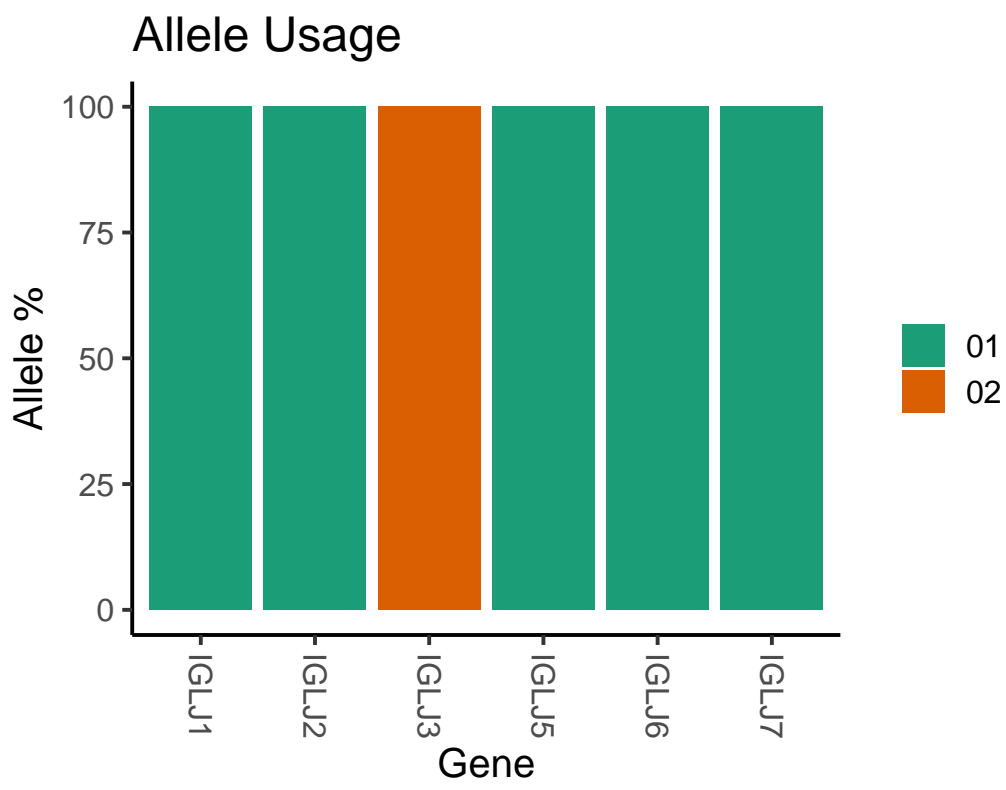
208 sequences assigned  
98 (47.1%) exact matches, in which:  
84 unique CDR3  
3 unique J



## IGLV8-61\*01

59 sequences assigned  
48 (81.4%) exact matches, in which:  
40 unique CDR3  
4 unique J





Warning – no inferred sequences found.