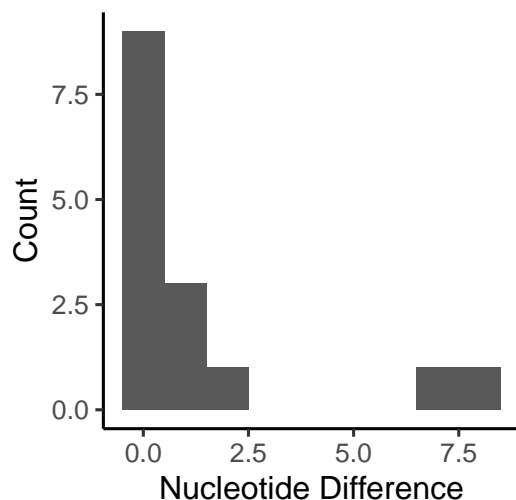


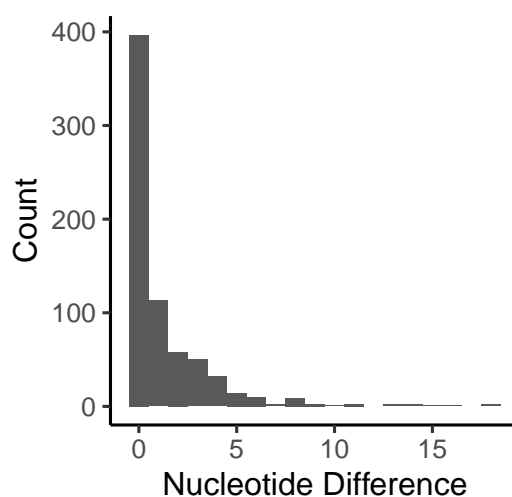
### IGLV10-54\*01

15 sequences assigned  
9 (60%) exact matches, in which:  
9 unique CDR3  
2 unique J



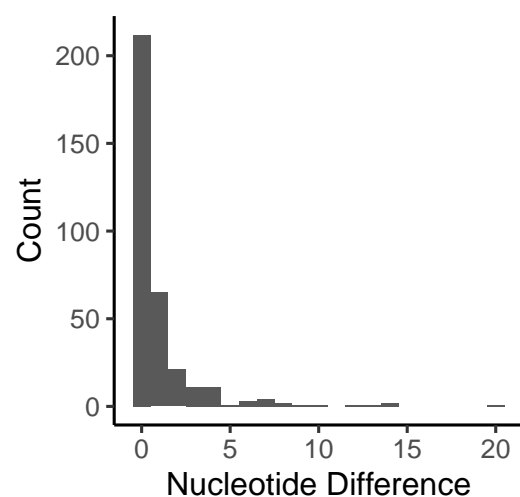
### IGLV1-40\*01

703 sequences assigned  
397 (56.5%) exact matches, in which:  
344 unique CDR3  
4 unique J



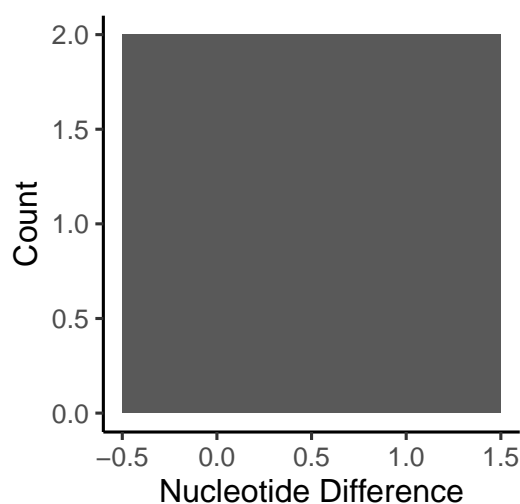
### IGLV1-47\*01

337 sequences assigned  
212 (62.9%) exact matches, in which:  
181 unique CDR3  
4 unique J



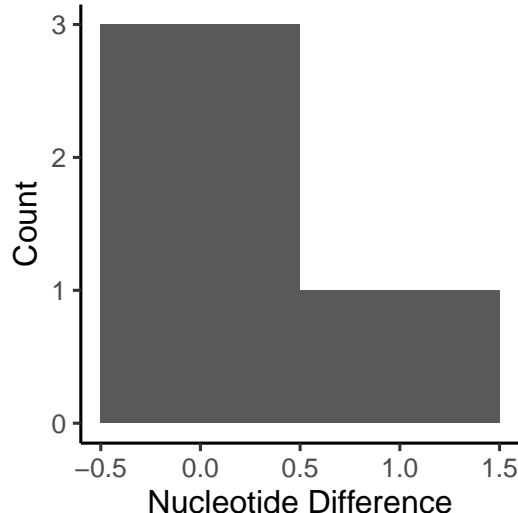
### IGLV10-54\*02

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



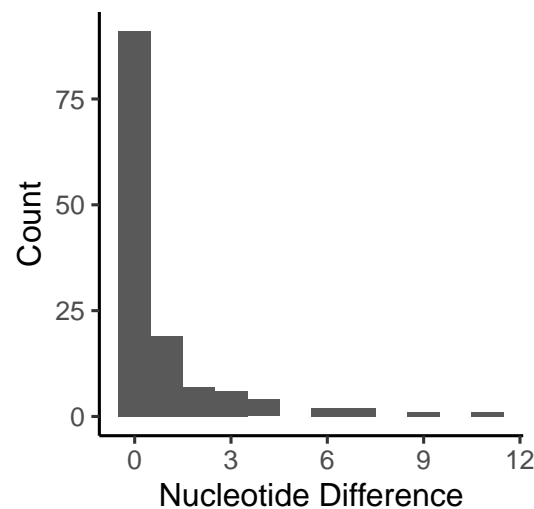
### IGLV1-41\*01

4 sequences assigned  
3 (75%) exact matches, in which:  
3 unique CDR3  
2 unique J



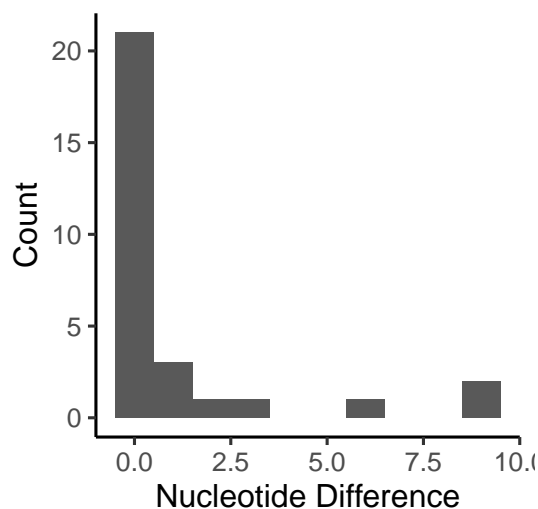
### IGLV1-51\*01

134 sequences assigned  
91 (67.9%) exact matches, in which:  
73 unique CDR3  
4 unique J



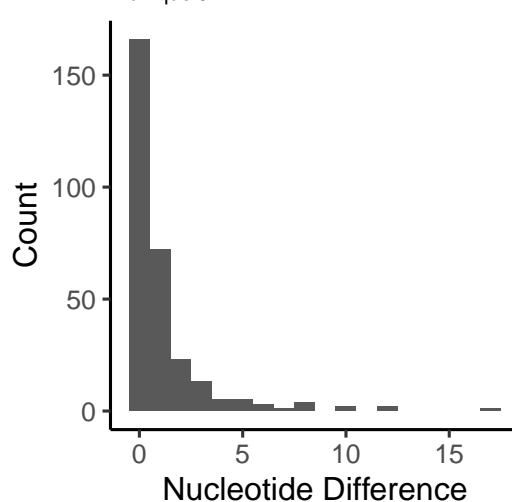
### IGLV1-36\*01

30 sequences assigned  
21 (70%) exact matches, in which:  
19 unique CDR3  
3 unique J



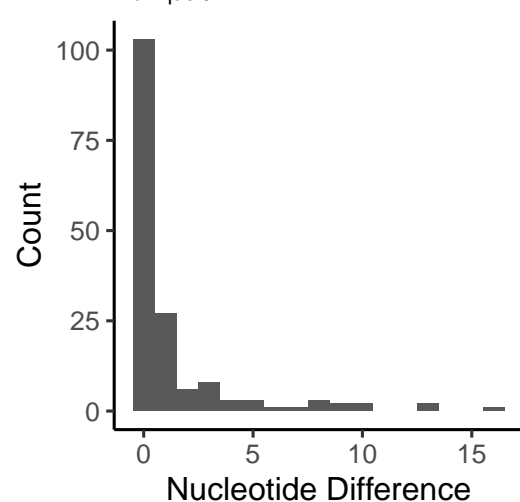
### IGLV1-44\*01

300 sequences assigned  
166 (55.3%) exact matches, in which:  
136 unique CDR3  
4 unique J



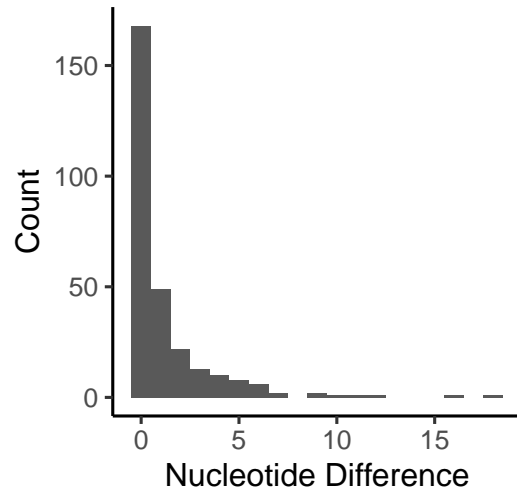
### IGLV1-51\*02

164 sequences assigned  
103 (62.8%) exact matches, in which:  
87 unique CDR3  
4 unique J



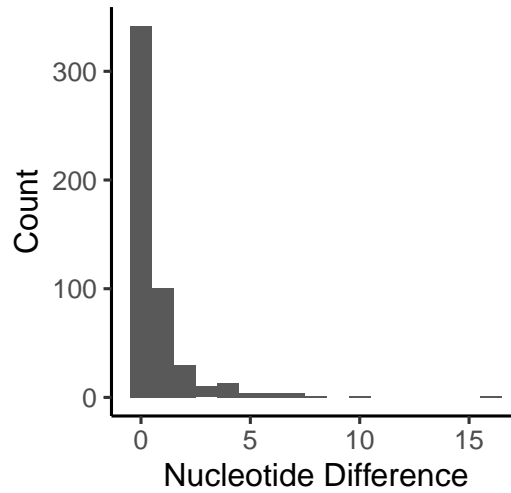
### IGLV2-8\*01

285 sequences assigned  
168 (58.9%) exact matches, in which:  
150 unique CDR3  
3 unique J



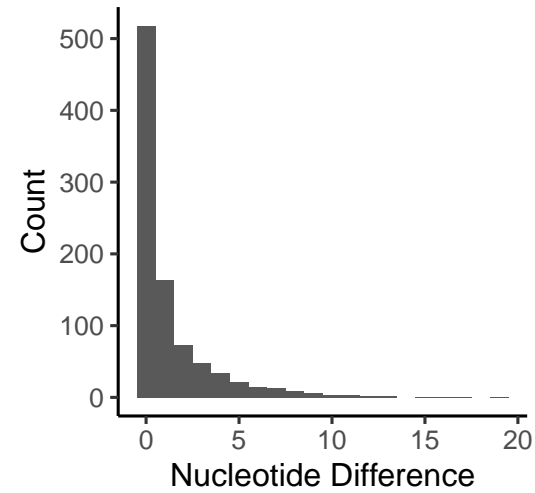
### IGLV2-14\*04EXT3

512 sequences assigned  
342 (66.8%) exact matches, in which:  
315 unique CDR3  
4 unique J



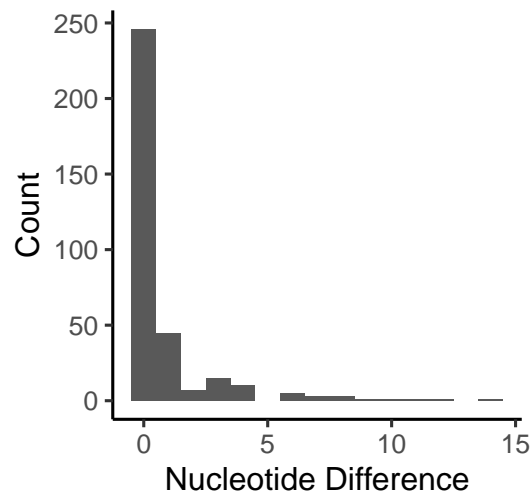
### IGLV3-1\*01

920 sequences assigned  
518 (56.3%) exact matches, in which:  
418 unique CDR3  
3 unique J



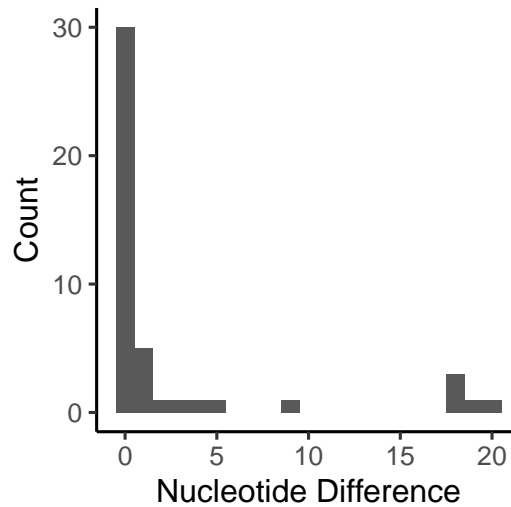
### IGLV2-11\*01

340 sequences assigned  
246 (72.4%) exact matches, in which:  
210 unique CDR3  
3 unique J



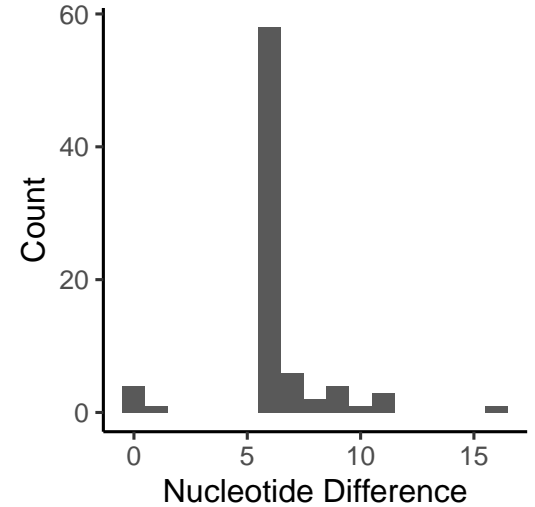
### IGLV2-18\*02

45 sequences assigned  
30 (66.7%) exact matches, in which:  
28 unique CDR3  
3 unique J



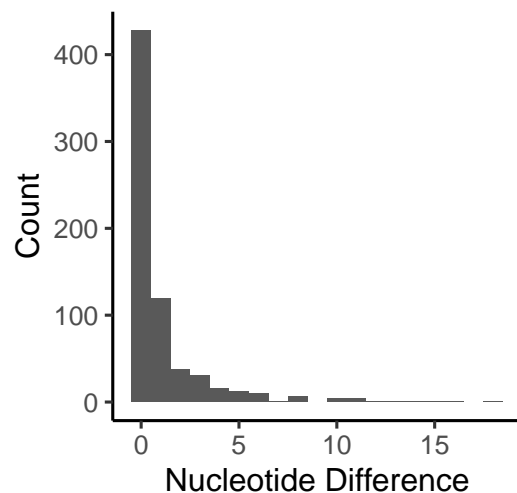
### IGLV3-9\*02

80 sequences assigned  
4 (5%) exact matches, in which:  
4 unique CDR3  
2 unique J



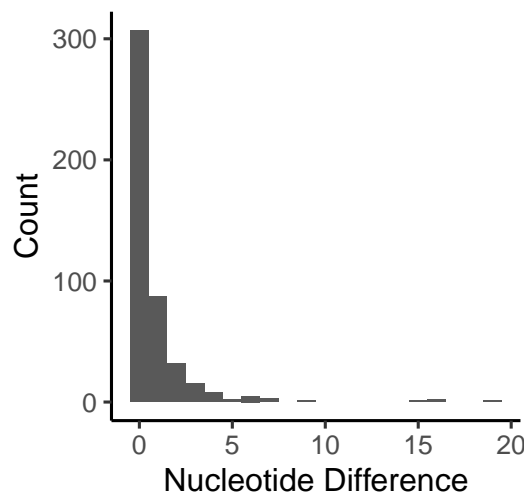
### IGLV2-14\*03EXT3

674 sequences assigned  
428 (63.5%) exact matches, in which:  
393 unique CDR3  
4 unique J



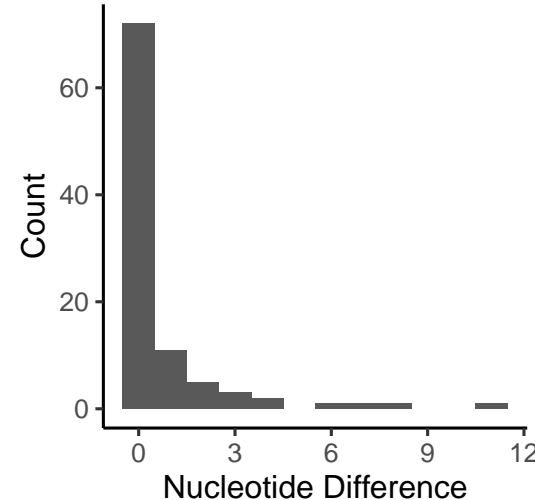
### IGLV2-23\*01

466 sequences assigned  
307 (65.9%) exact matches, in which:  
271 unique CDR3  
4 unique J



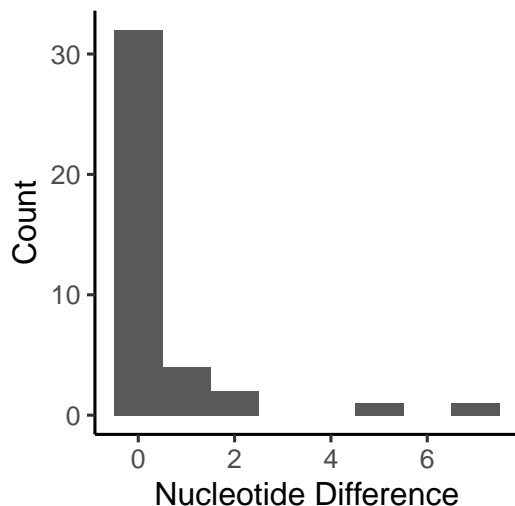
### IGLV3-10\*01

98 sequences assigned  
72 (73.5%) exact matches, in which:  
70 unique CDR3  
3 unique J



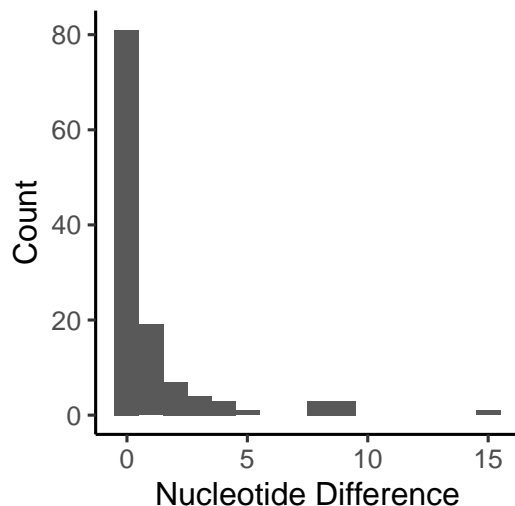
### IGLV3-16\*01

40 sequences assigned  
32 (80%) exact matches, in which:  
31 unique CDR3  
4 unique J



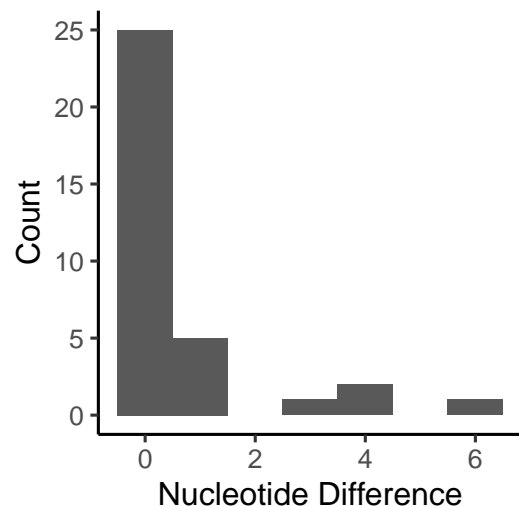
### IGLV3-21\*04

130 sequences assigned  
81 (62.3%) exact matches, in which:  
75 unique CDR3  
4 unique J



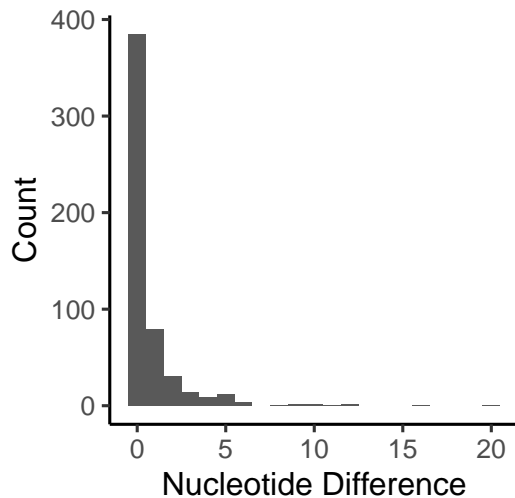
### IGLV3-27\*01

34 sequences assigned  
25 (73.5%) exact matches, in which:  
24 unique CDR3  
3 unique J



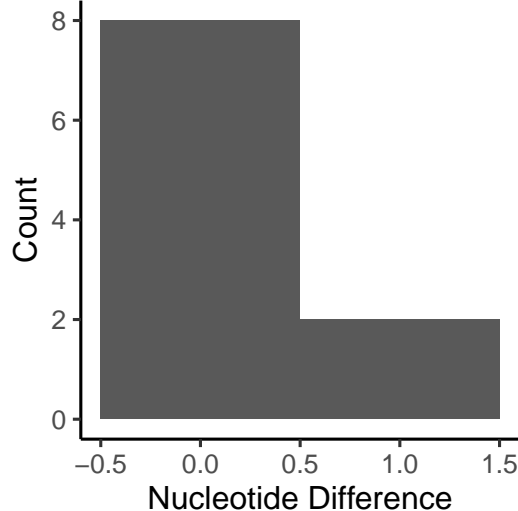
### IGLV3-19\*01

549 sequences assigned  
385 (70.1%) exact matches, in which:  
308 unique CDR3  
4 unique J



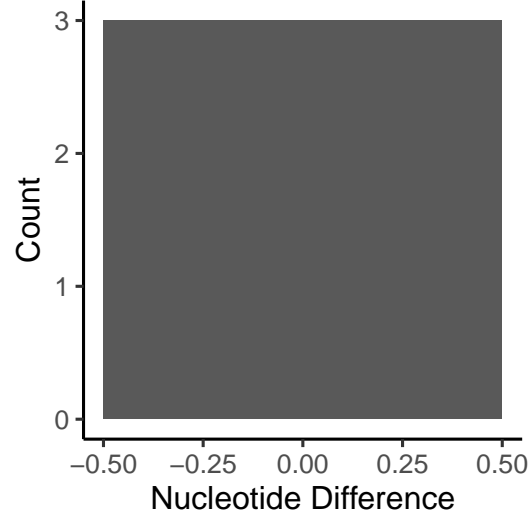
### IGLV3-22\*01

10 sequences assigned  
8 (80%) exact matches, in which:  
8 unique CDR3  
3 unique J



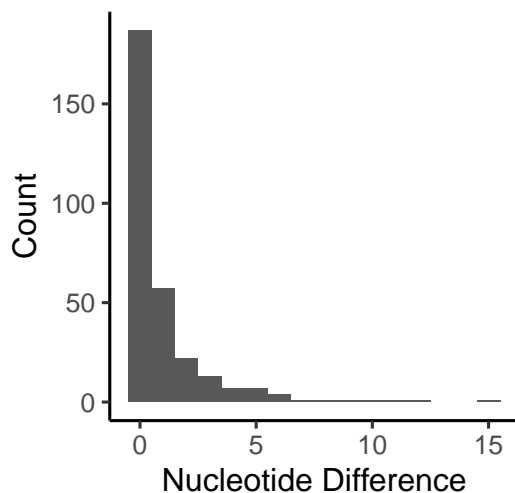
### IGLV4-3\*01

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



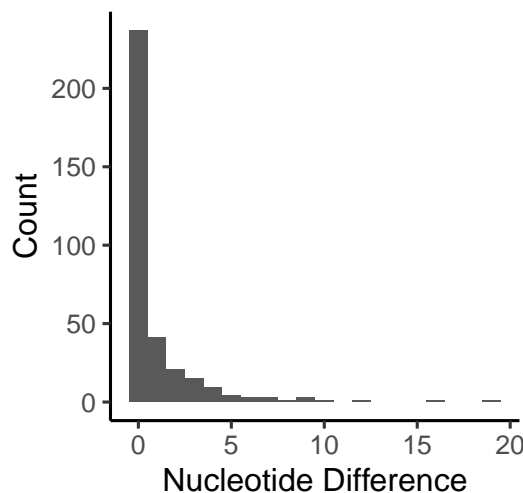
### IGLV3-21\*03

304 sequences assigned  
187 (61.5%) exact matches, in which:  
164 unique CDR3  
4 unique J



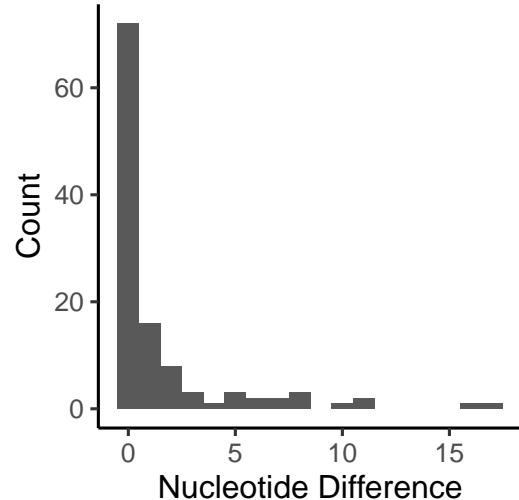
### IGLV3-25\*03

342 sequences assigned  
237 (69.3%) exact matches, in which:  
214 unique CDR3  
5 unique J



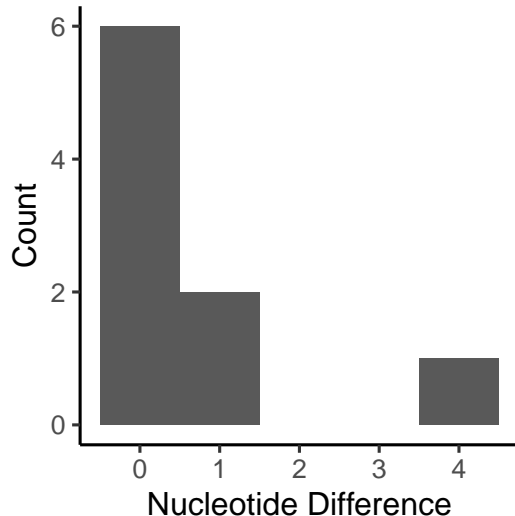
### IGLV4-69\*01

115 sequences assigned  
72 (62.6%) exact matches, in which:  
63 unique CDR3  
4 unique J



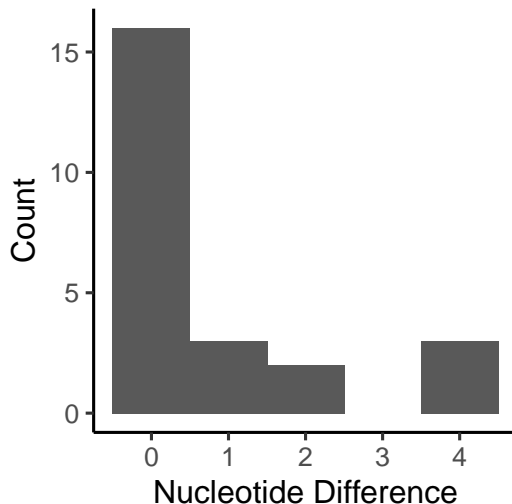
### IGLV5-37\*01

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



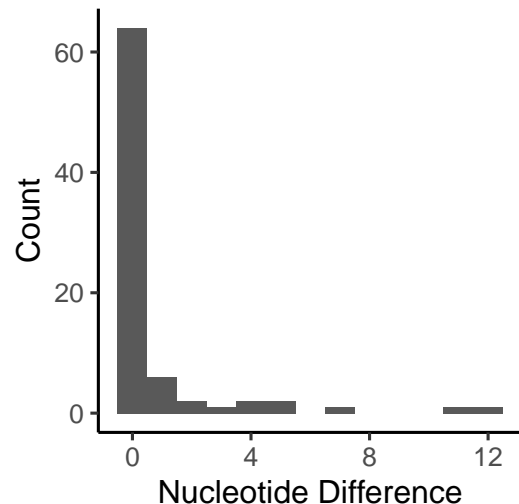
### IGLV5-45\*02

24 sequences assigned  
16 (66.7%) exact matches, in which:  
15 unique CDR3  
3 unique J



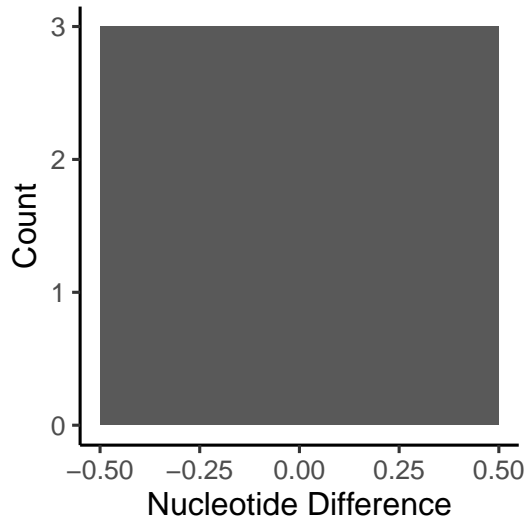
### IGLV6-57\*03

80 sequences assigned  
64 (80%) exact matches, in which:  
57 unique CDR3  
4 unique J



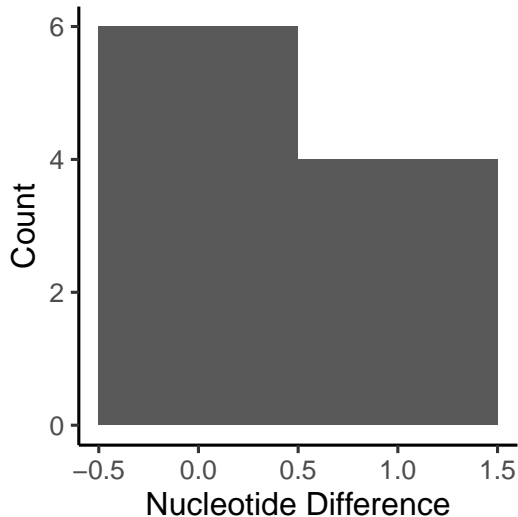
### IGLV5-39\*01

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



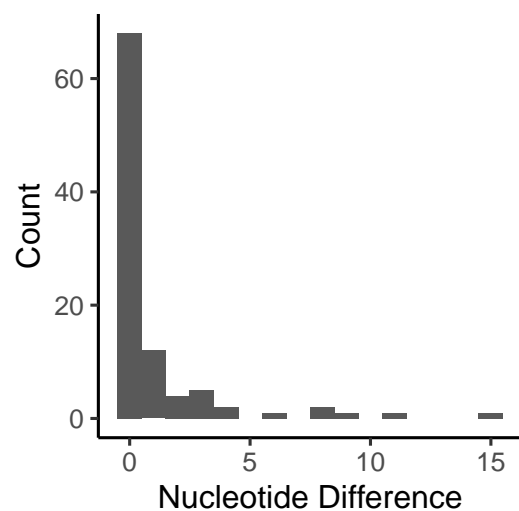
### IGLV5-52\*01

10 sequences assigned  
6 (60%) exact matches, in which:  
5 unique CDR3  
3 unique J



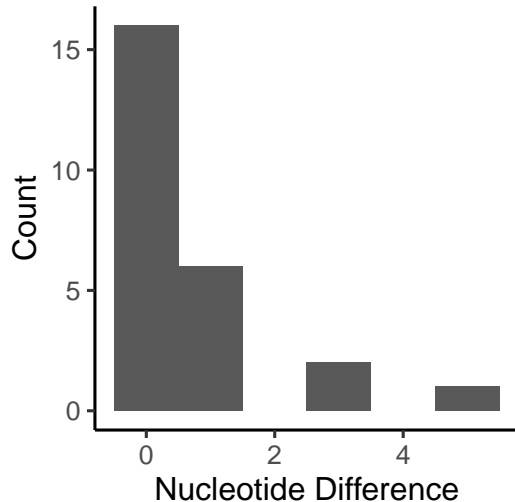
### IGLV7-43\*01

97 sequences assigned  
68 (70.1%) exact matches, in which:  
61 unique CDR3  
4 unique J



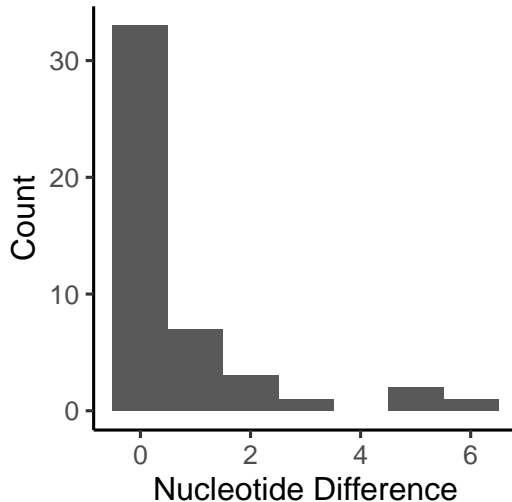
### IGLV5-45\*01

25 sequences assigned  
16 (64%) exact matches, in which:  
15 unique CDR3  
4 unique J



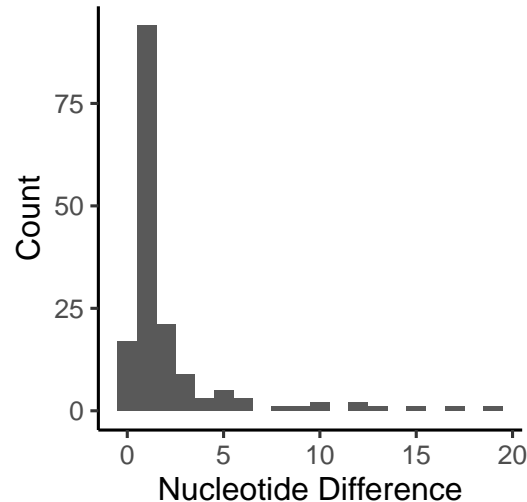
### IGLV6-57\*02

47 sequences assigned  
33 (70.2%) exact matches, in which:  
30 unique CDR3  
5 unique J



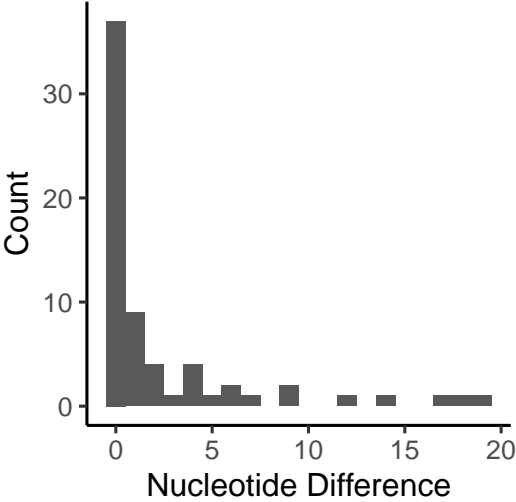
### IGLV7-46\*01

166 sequences assigned  
17 (10.2%) exact matches, in which:  
15 unique CDR3  
4 unique J



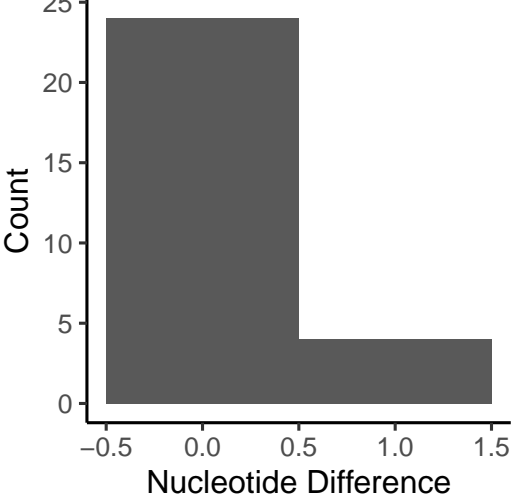
# IGLV8-61\*01

66 sequences assigned  
37 (56.1%) exact matches, in which:  
35 unique CDR3  
4 unique J



# IGLV9-49\*01

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





Warning – no inferred sequences found.