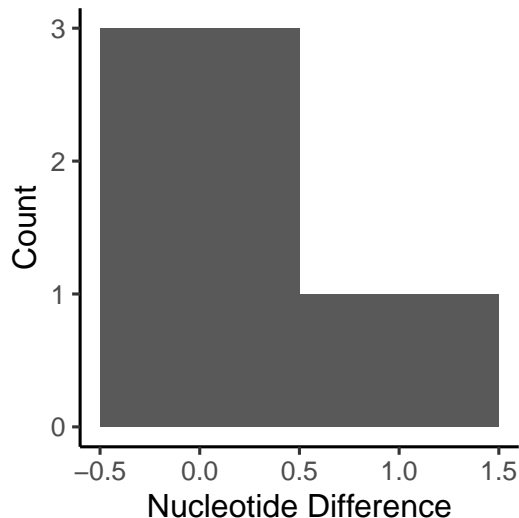


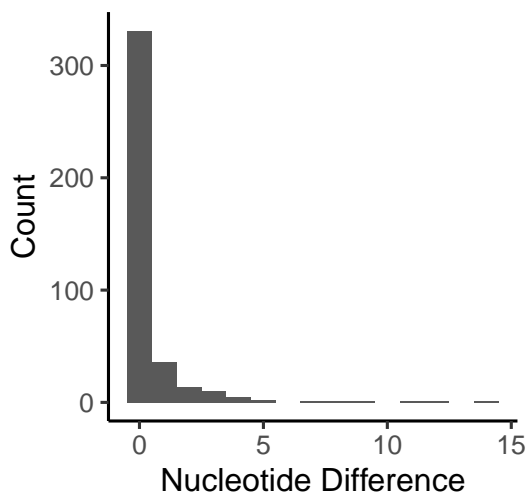
### IGLV10–54\*02

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



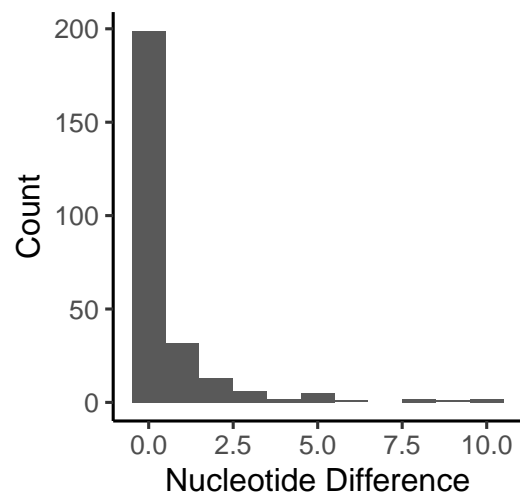
### IGLV1–44\*01

404 sequences assigned  
331 (81.9%) exact matches, in which:  
190 unique CDR3  
4 unique J



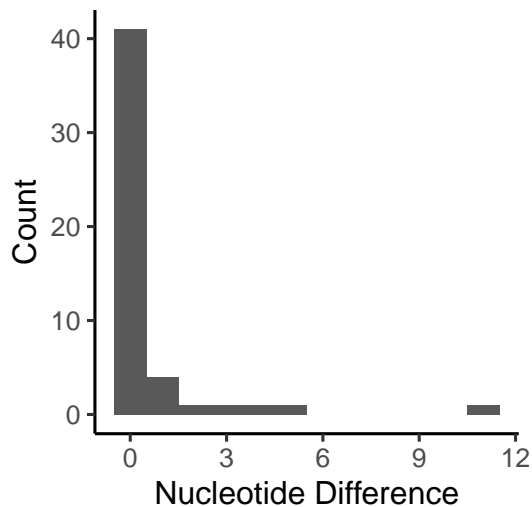
### IGLV2–8\*01

263 sequences assigned  
199 (75.7%) exact matches, in which:  
138 unique CDR3  
3 unique J



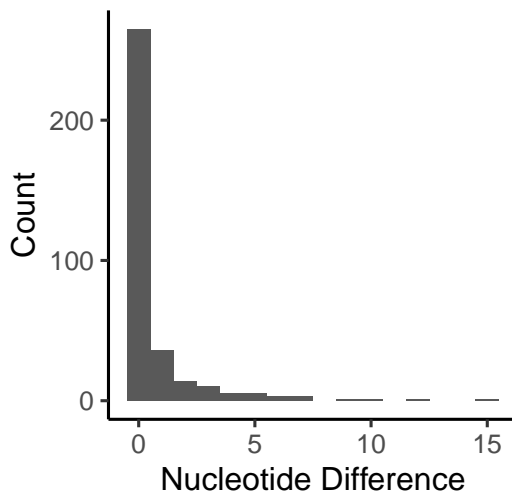
### IGLV1–36\*01

50 sequences assigned  
41 (82%) exact matches, in which:  
25 unique CDR3  
4 unique J



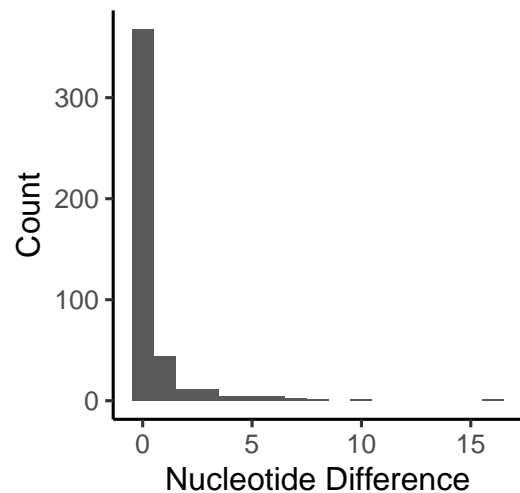
### IGLV1–47\*01

345 sequences assigned  
265 (76.8%) exact matches, in which:  
175 unique CDR3  
4 unique J



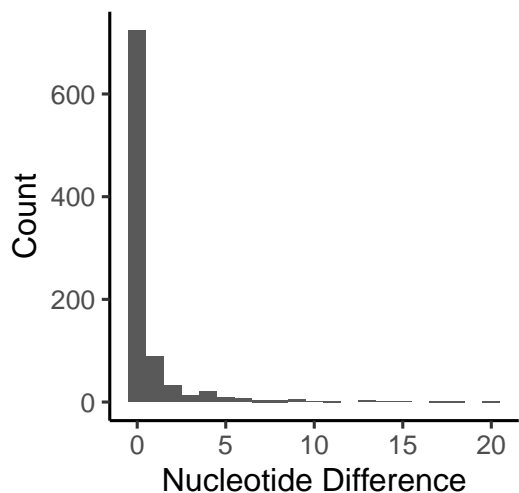
### IGLV2–11\*01

451 sequences assigned  
368 (81.6%) exact matches, in which:  
257 unique CDR3  
3 unique J



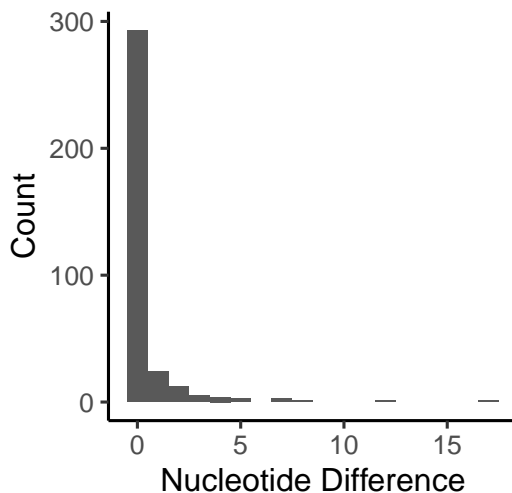
### IGLV1–40\*01

919 sequences assigned  
724 (78.8%) exact matches, in which:  
436 unique CDR3  
4 unique J



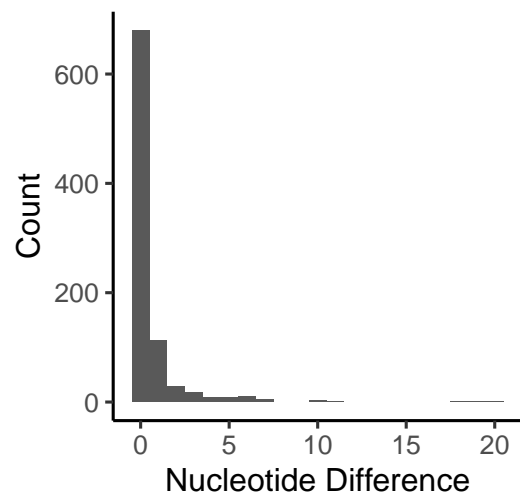
### IGLV1–51\*01

347 sequences assigned  
293 (84.4%) exact matches, in which:  
162 unique CDR3  
4 unique J



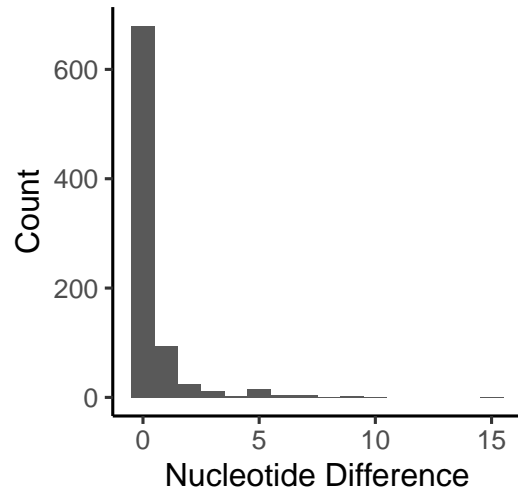
### IGLV2–14\*01

877 sequences assigned  
680 (77.5%) exact matches, in which:  
431 unique CDR3  
5 unique J



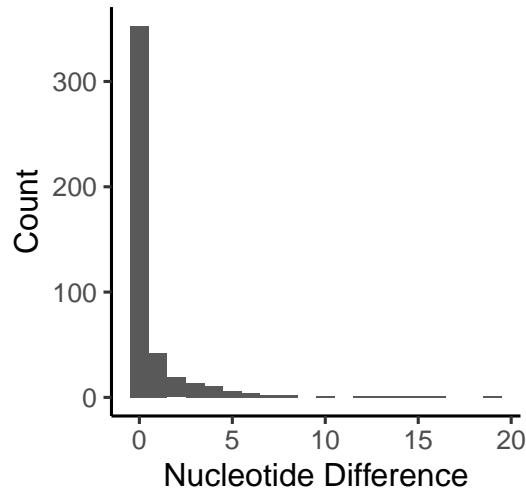
### IGLV2-14\*03EXT3

841 sequences assigned  
680 (80.9%) exact matches, in which:  
431 unique CDR3  
3 unique J



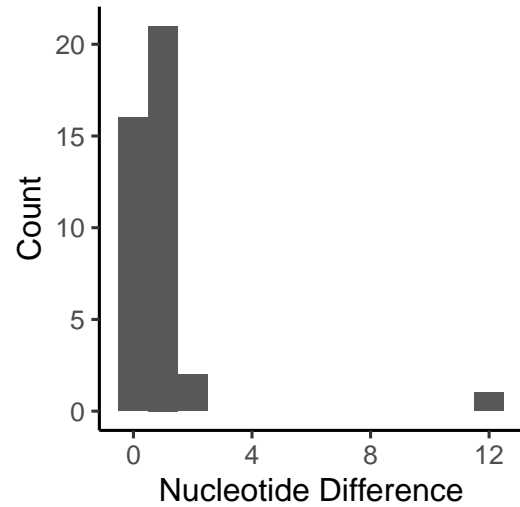
### IGLV2-23\*01\_G170T

461 sequences assigned  
353 (76.6%) exact matches, in which:  
261 unique CDR3  
3 unique J



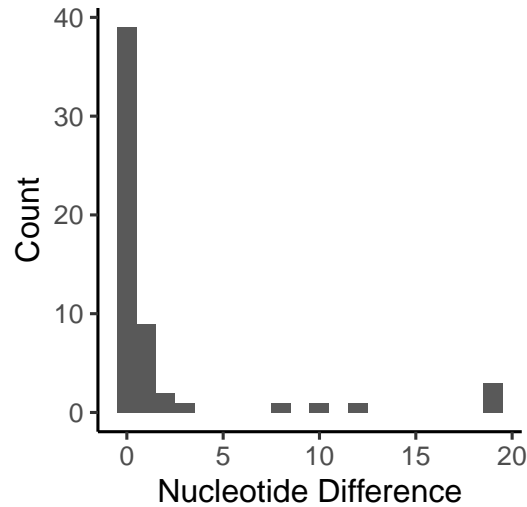
### IGLV3-10\*01

40 sequences assigned  
16 (40%) exact matches, in which:  
14 unique CDR3  
2 unique J



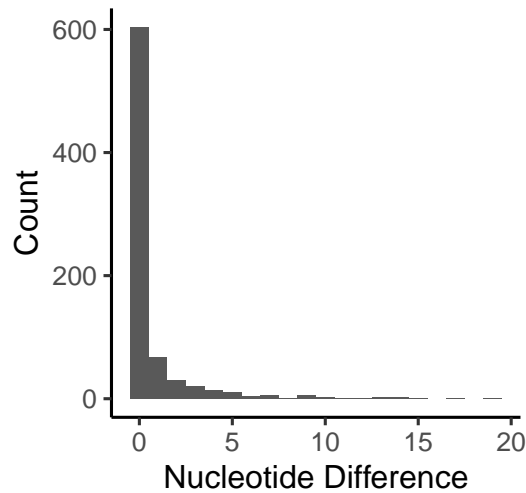
### IGLV2-18\*02

57 sequences assigned  
39 (68.4%) exact matches, in which:  
24 unique CDR3  
3 unique J



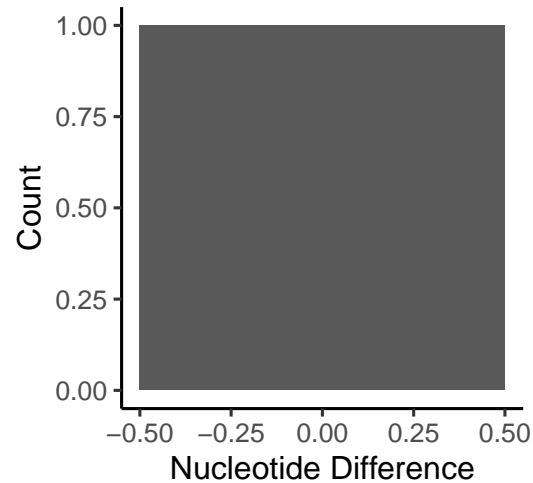
### IGLV3-1\*01

779 sequences assigned  
604 (77.5%) exact matches, in which:  
325 unique CDR3  
4 unique J



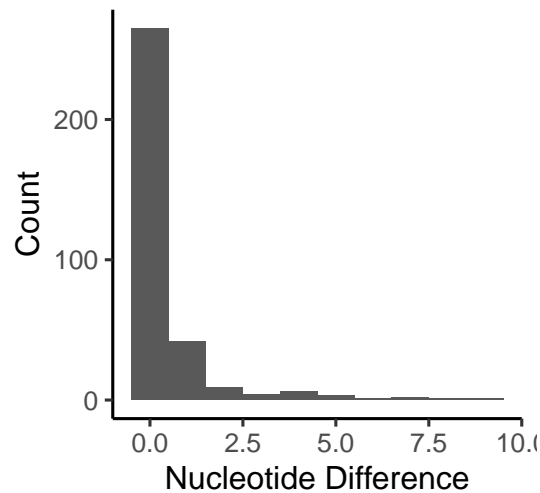
### IGLV3-12\*01

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



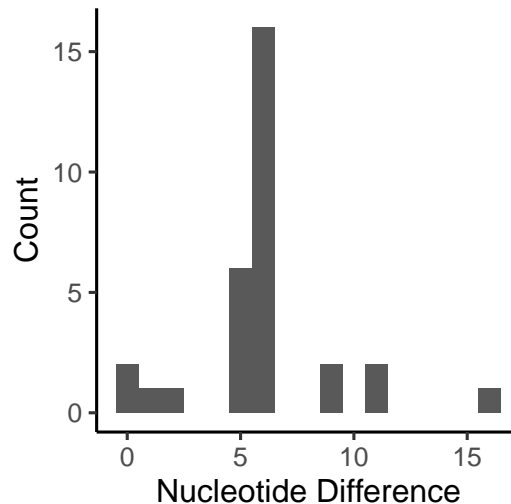
### IGLV2-23\*01

334 sequences assigned  
265 (79.3%) exact matches, in which:  
192 unique CDR3  
3 unique J



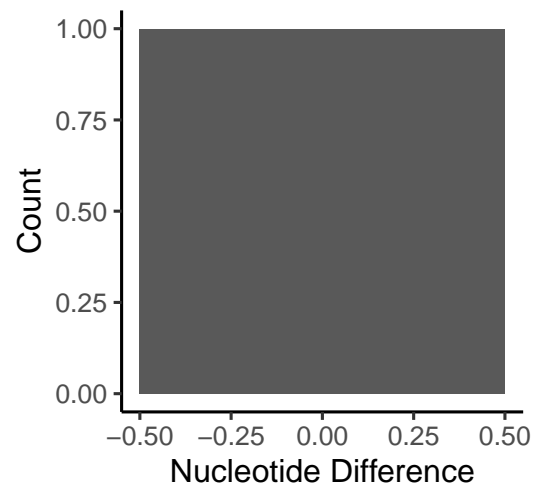
### IGLV3-9\*02

31 sequences assigned  
2 (6.5%) exact matches, in which:  
2 unique CDR3  
2 unique J



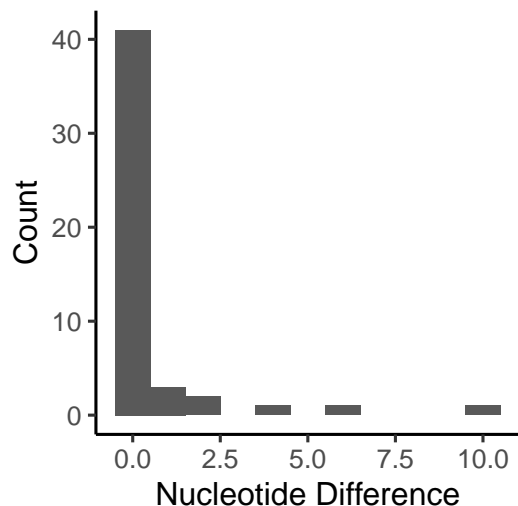
### IGLV3-12\*02

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



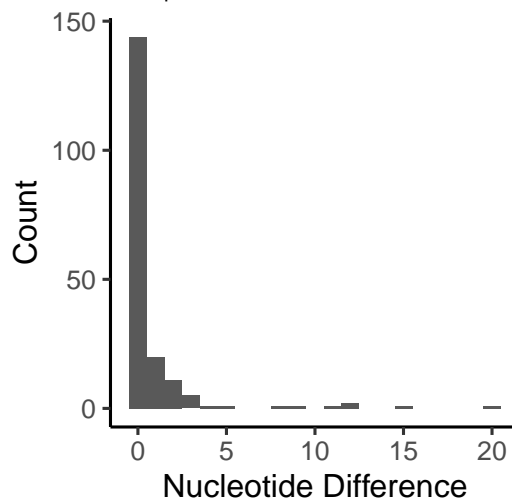
### IGLV3-16\*01

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



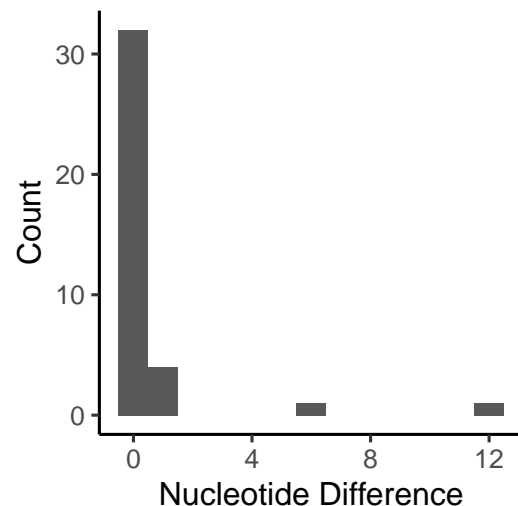
### IGLV3-21\*04

190 sequences assigned  
144 (75.8%) exact matches, in which:  
102 unique CDR3  
4 unique J



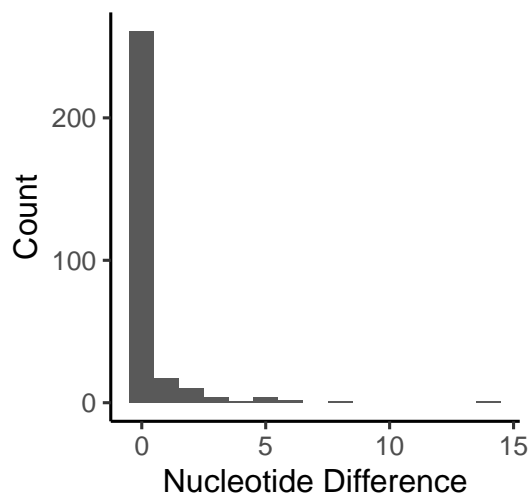
### IGLV3-27\*01

38 sequences assigned  
32 (84.2%) exact matches, in which:  
26 unique CDR3  
3 unique J



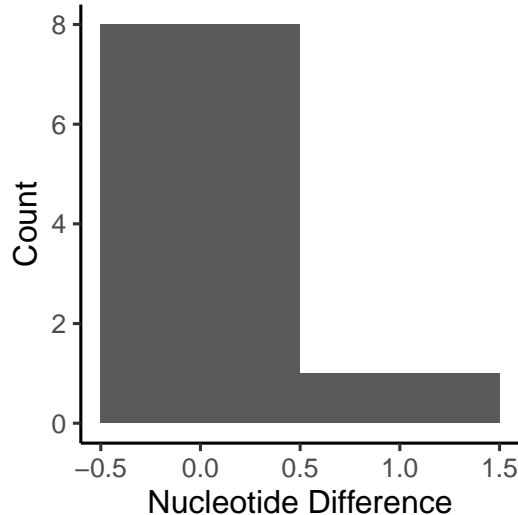
### IGLV3-19\*01

301 sequences assigned  
261 (86.7%) exact matches, in which:  
173 unique CDR3  
4 unique J



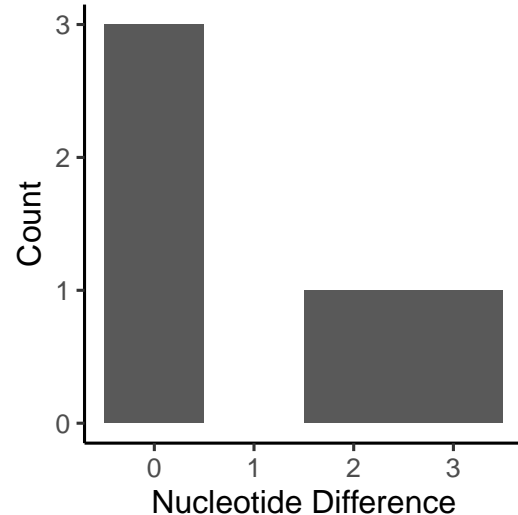
### IGLV3-22\*01

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



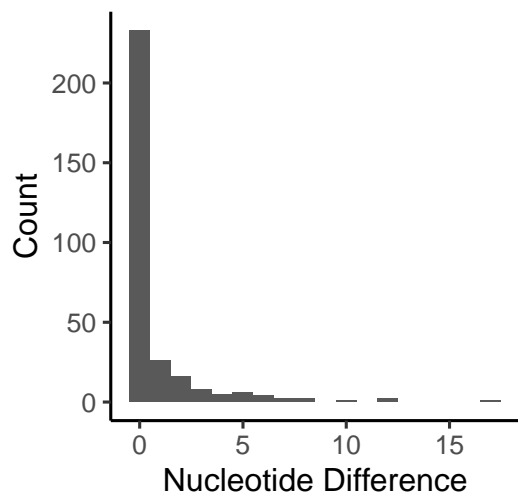
### IGLV4-3\*01

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



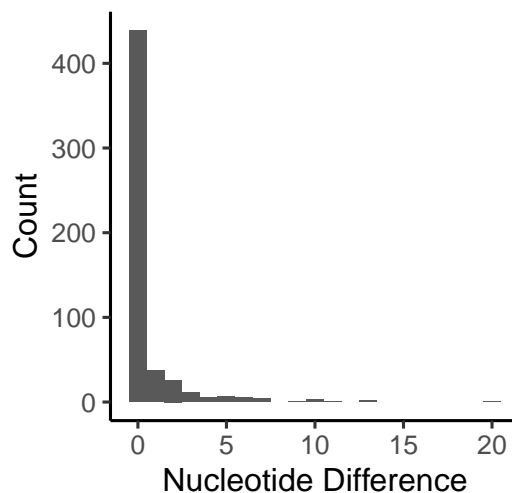
### IGLV3-21\*02

306 sequences assigned  
233 (76.1%) exact matches, in which:  
155 unique CDR3  
4 unique J



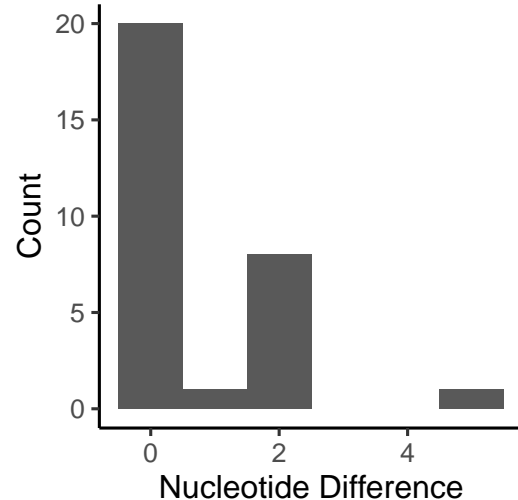
### IGLV3-25\*03

542 sequences assigned  
439 (81%) exact matches, in which:  
272 unique CDR3  
5 unique J



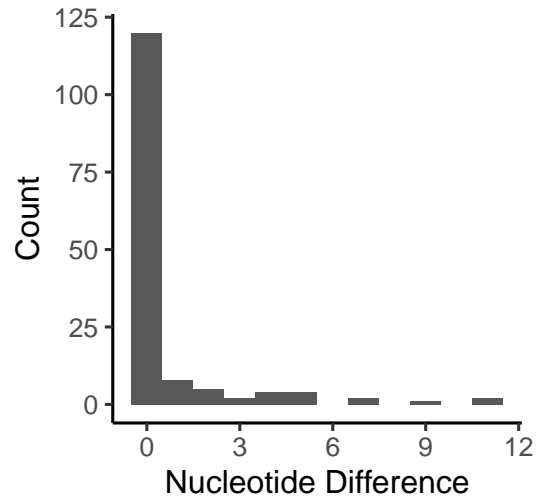
### IGLV4-60\*02

30 sequences assigned  
20 (66.7%) exact matches, in which:  
14 unique CDR3  
3 unique J



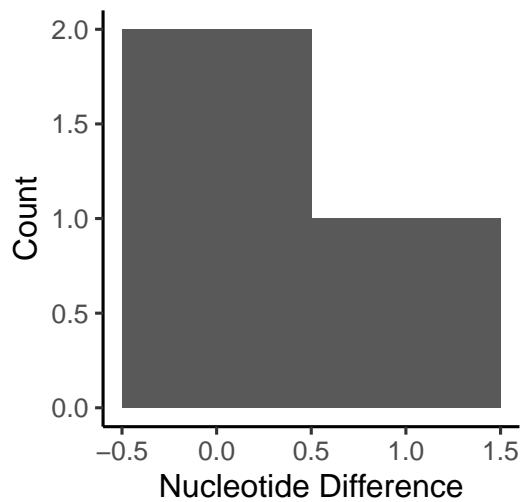
### IGLV4-69\*01

149 sequences assigned  
120 (80.5%) exact matches, in which:  
87 unique CDR3  
4 unique J



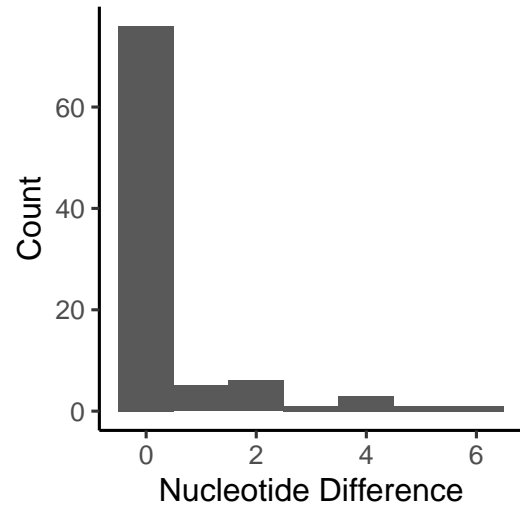
### IGLV5-52\*01

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



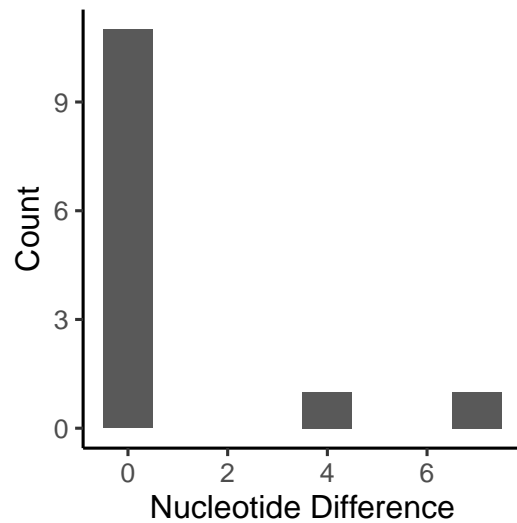
### IGLV7-43\*01

93 sequences assigned  
76 (81.7%) exact matches, in which:  
59 unique CDR3  
3 unique J



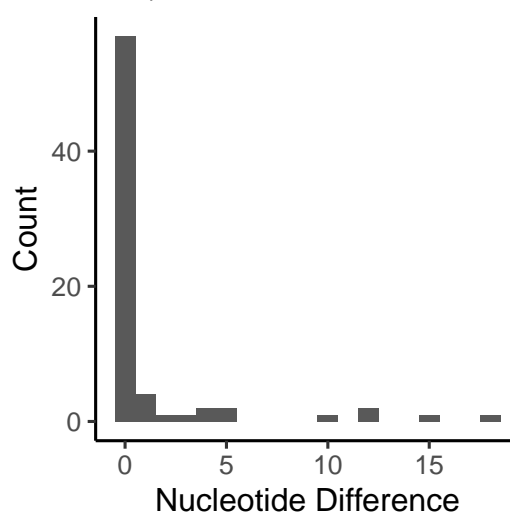
### IGLV5-37\*01

13 sequences assigned  
11 (84.6%) exact matches, in which:  
9 unique CDR3  
3 unique J



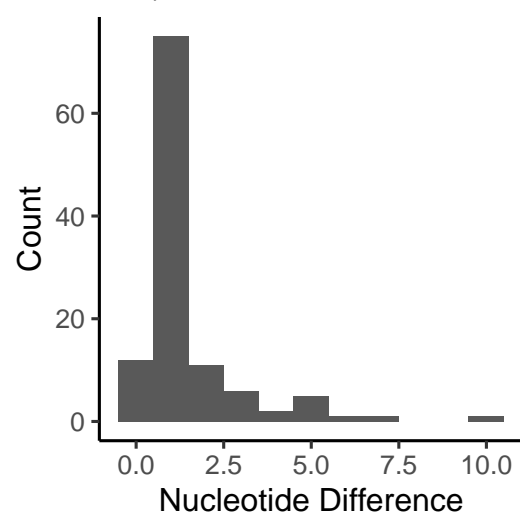
### IGLV6-57\*01

73 sequences assigned  
57 (78.1%) exact matches, in which:  
50 unique CDR3  
4 unique J



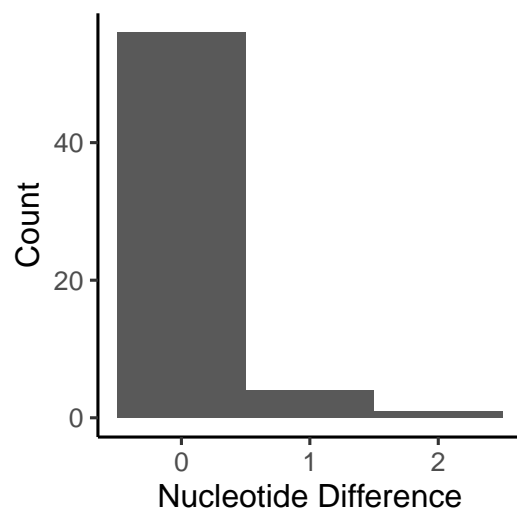
### IGLV7-46\*01

114 sequences assigned  
12 (10.5%) exact matches, in which:  
7 unique CDR3  
3 unique J



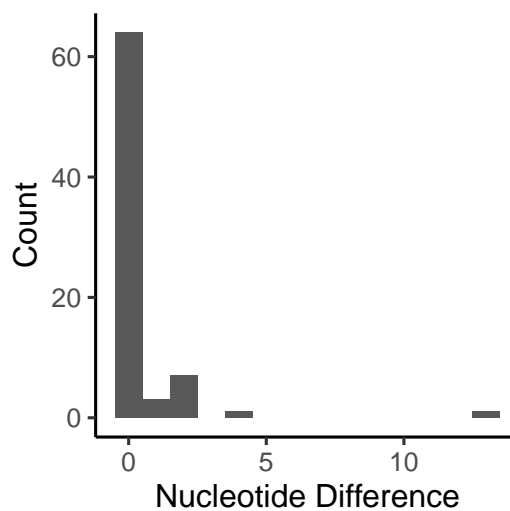
### IGLV5-45\*02

61 sequences assigned  
56 (91.8%) exact matches, in which:  
32 unique CDR3  
2 unique J



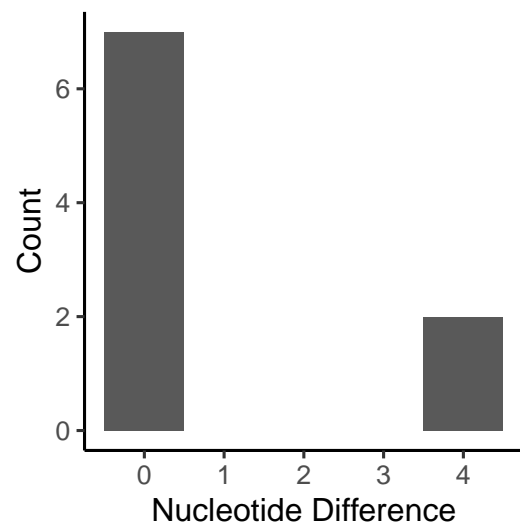
### IGLV6-57\*03

76 sequences assigned  
64 (84.2%) exact matches, in which:  
54 unique CDR3  
4 unique J



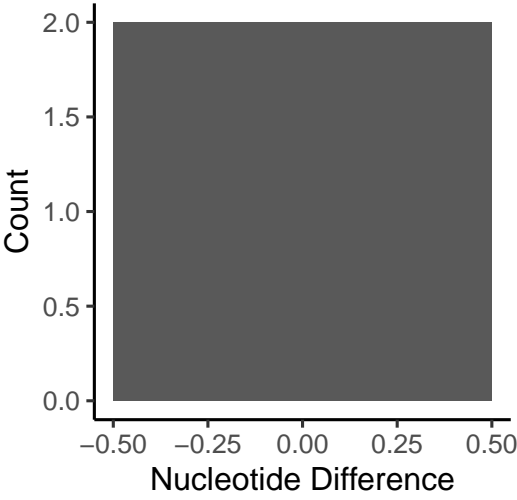
### IGLV8-61\*01

9 sequences assigned  
7 (77.8%) exact matches, in which:  
7 unique CDR3  
3 unique J



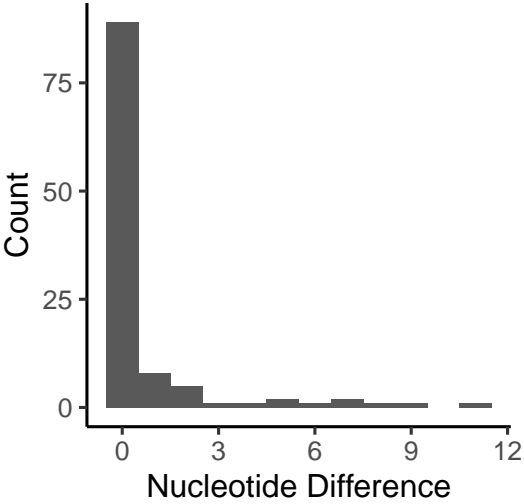
IGLV8-61\*02

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



IGLV9-49\*01

112 sequences assigned  
89 (79.5%) exact matches, in which:  
67 unique CDR3  
3 unique J





Warning – no inferred sequences found.