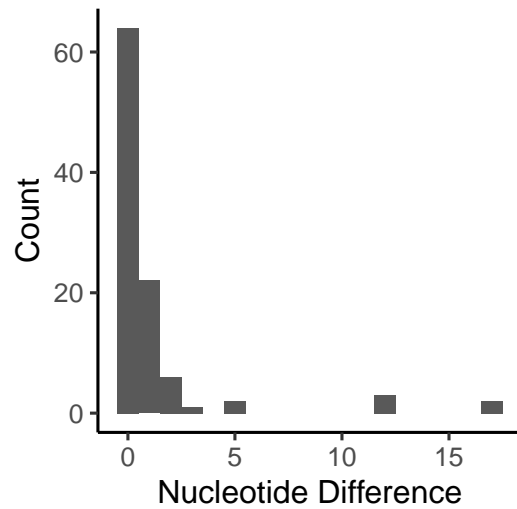


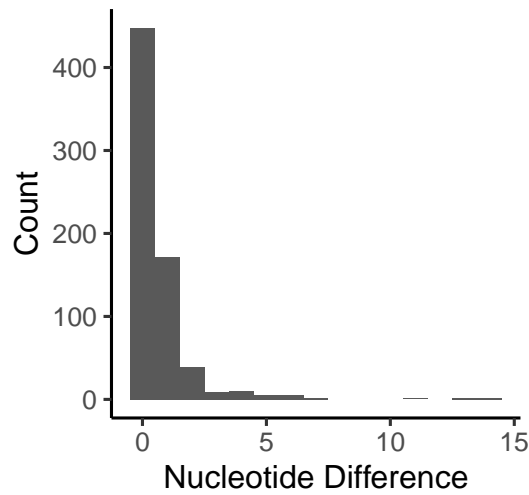
### IGLV10-54\*01\_A228C

101 sequences assigned  
64 (63.4%) exact matches, in which:  
48 unique CDR3  
3 unique J



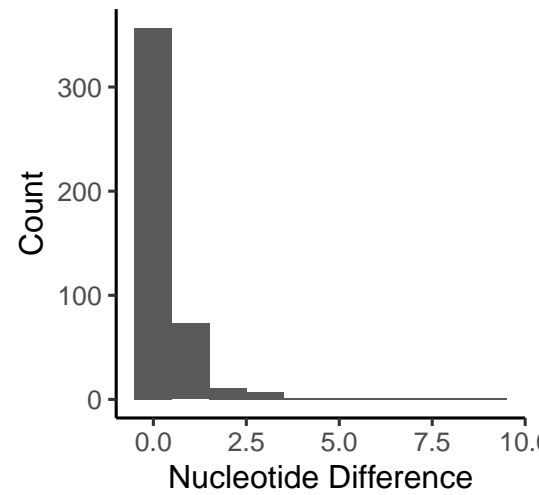
### IGLV1-44\*01

695 sequences assigned  
448 (64.5%) exact matches, in which:  
300 unique CDR3  
4 unique J



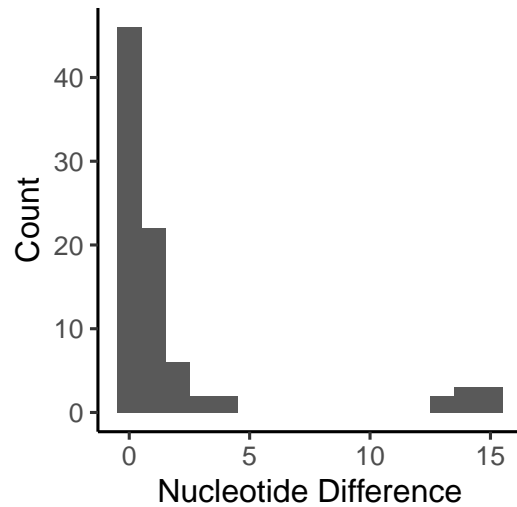
### IGLV1-51\*01

454 sequences assigned  
357 (78.6%) exact matches, in which:  
229 unique CDR3  
5 unique J



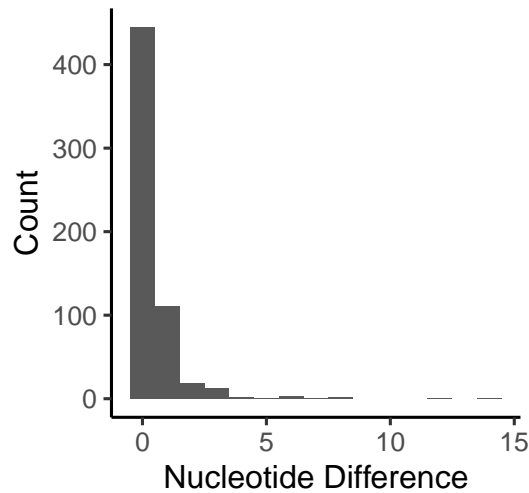
### IGLV1-36\*01

86 sequences assigned  
46 (53.5%) exact matches, in which:  
34 unique CDR3  
3 unique J



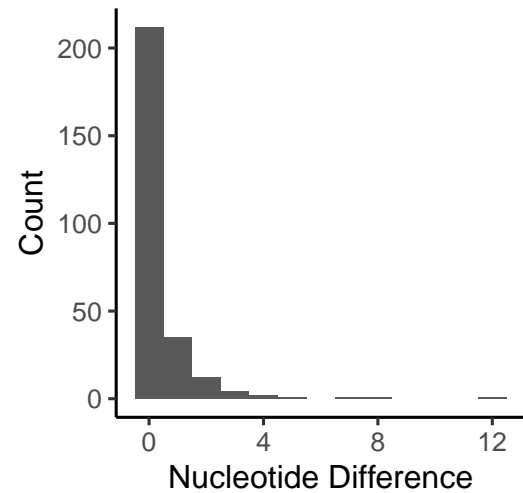
### IGLV1-47\*01

598 sequences assigned  
445 (74.4%) exact matches, in which:  
294 unique CDR3  
6 unique J



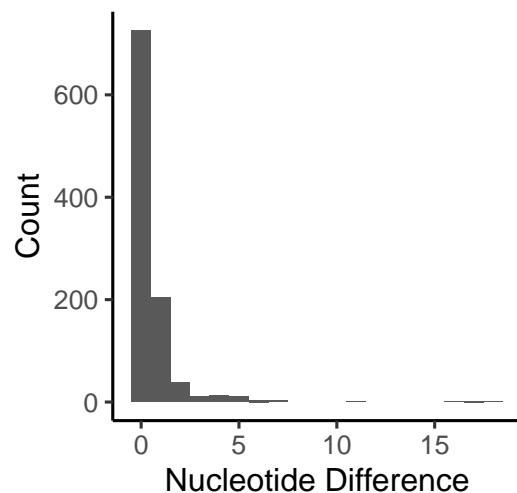
### IGLV2-8\*01

269 sequences assigned  
212 (78.8%) exact matches, in which:  
164 unique CDR3  
4 unique J



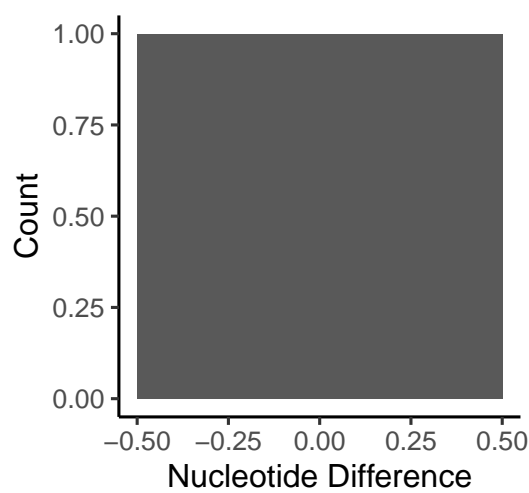
### IGLV1-40\*01

1014 sequences assigned  
726 (71.6%) exact matches, in which:  
490 unique CDR3  
5 unique J



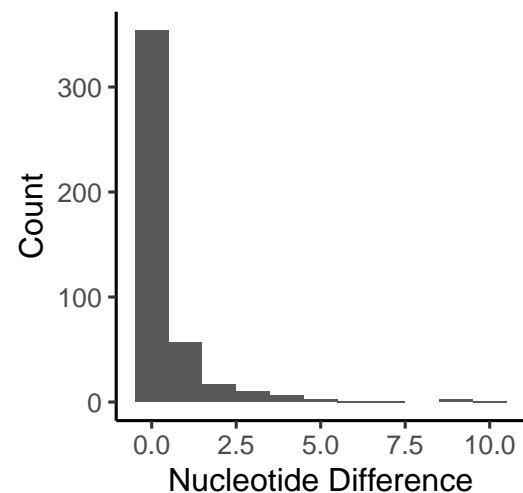
### IGLV1-50\*01

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



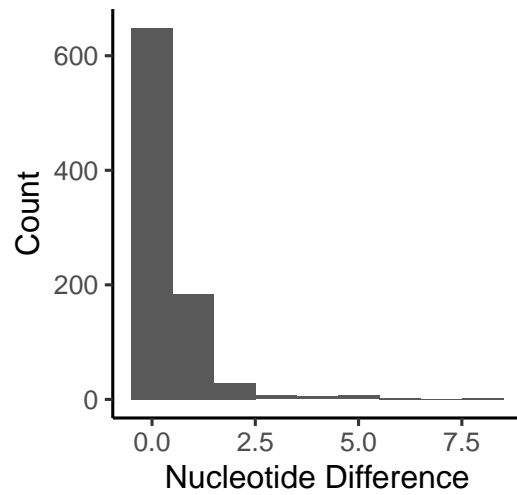
### IGLV2-11\*01

451 sequences assigned  
354 (78.5%) exact matches, in which:  
257 unique CDR3  
3 unique J



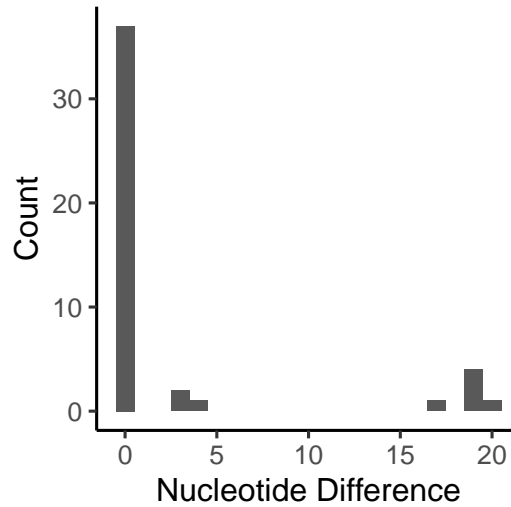
### IGLV2-14\*01

885 sequences assigned  
649 (73.3%) exact matches, in which:  
491 unique CDR3  
4 unique J



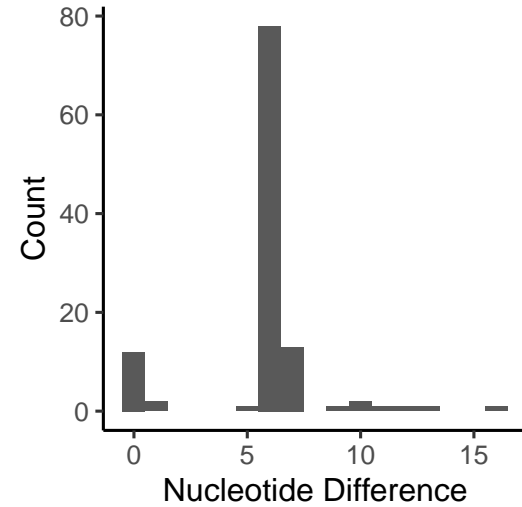
### IGLV2-18\*02

46 sequences assigned  
37 (80.4%) exact matches, in which:  
23 unique CDR3  
3 unique J



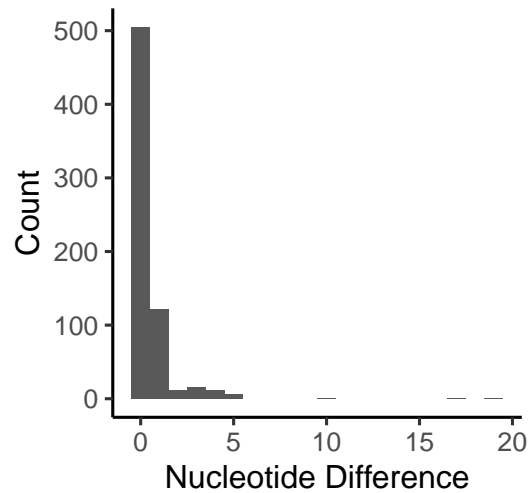
### IGLV3-9\*02

113 sequences assigned  
12 (10.6%) exact matches, in which:  
11 unique CDR3  
2 unique J



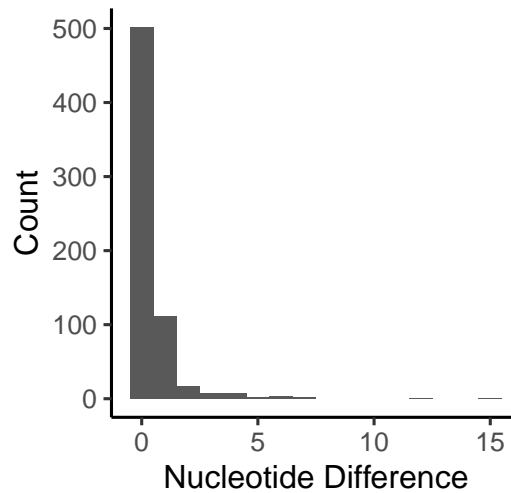
### IGLV2-14\*03EXT3

674 sequences assigned  
505 (74.9%) exact matches, in which:  
382 unique CDR3  
3 unique J



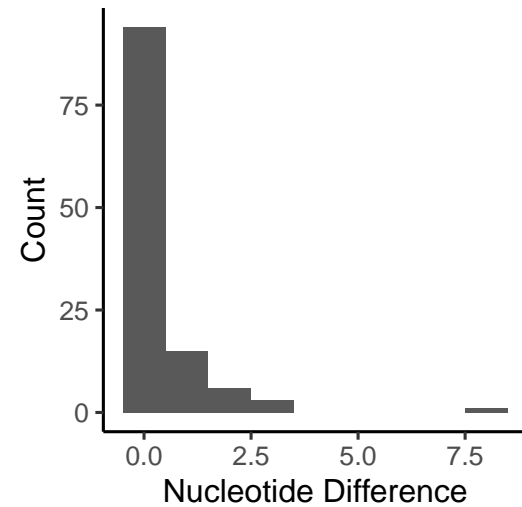
### IGLV2-23\*01

656 sequences assigned  
502 (76.5%) exact matches, in which:  
362 unique CDR3  
4 unique J



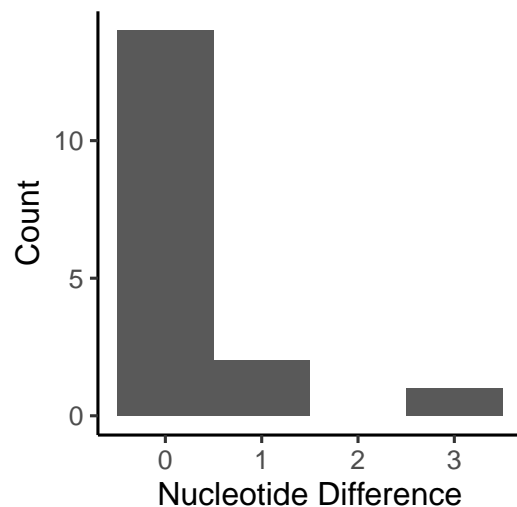
### IGLV3-10\*01

120 sequences assigned  
94 (78.3%) exact matches, in which:  
75 unique CDR3  
3 unique J



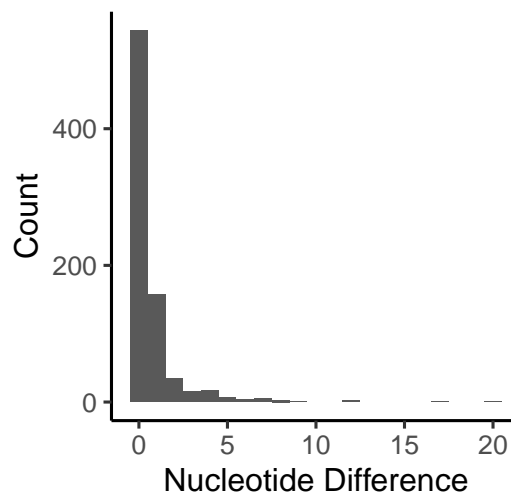
### IGLV2-18\*01

17 sequences assigned  
14 (82.4%) exact matches, in which:  
12 unique CDR3  
3 unique J



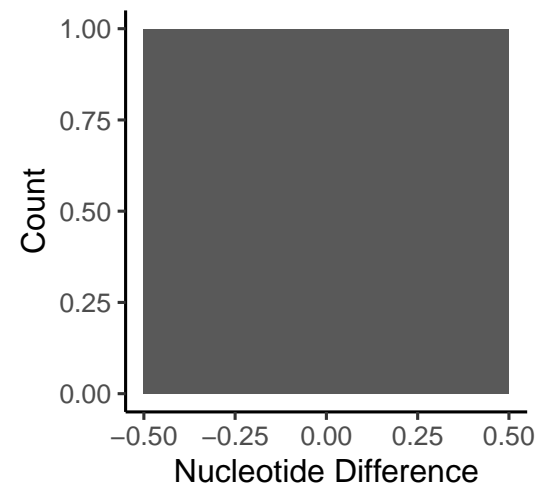
### IGLV3-1\*01

796 sequences assigned  
544 (68.3%) exact matches, in which:  
379 unique CDR3  
4 unique J



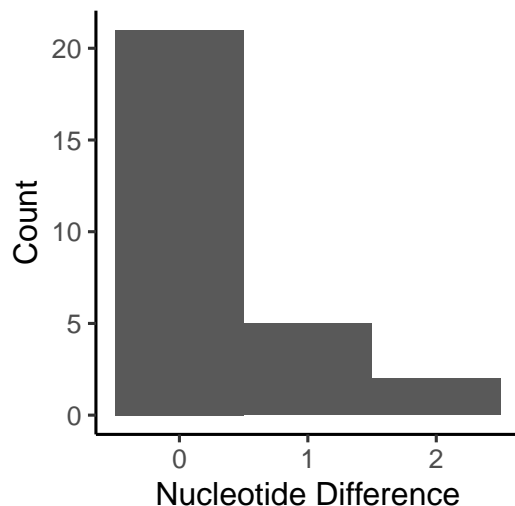
### IGLV3-12\*02

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



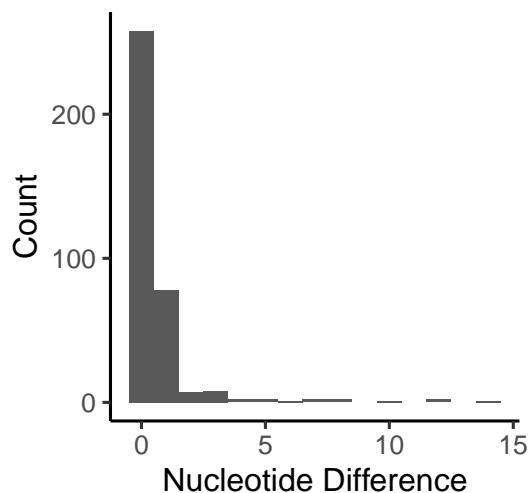
### IGLV3-16\*01

28 sequences assigned  
21 (75%) exact matches, in which:  
19 unique CDR3  
3 unique J



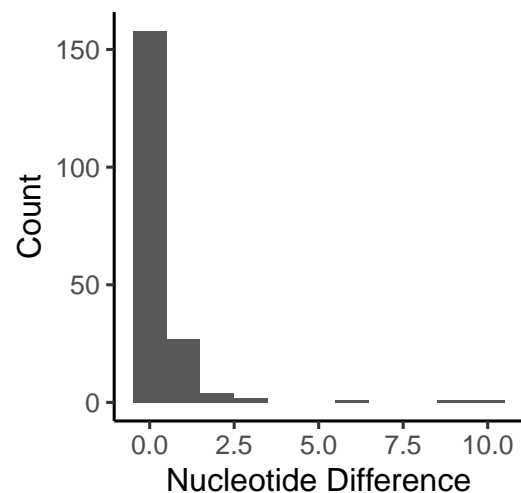
### IGLV3-21\*03

364 sequences assigned  
258 (70.9%) exact matches, in which:  
186 unique CDR3  
4 unique J



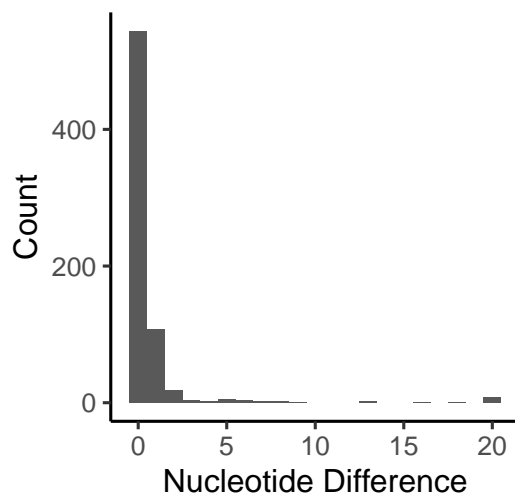
### IGLV3-25\*03\_G74C

194 sequences assigned  
158 (81.4%) exact matches, in which:  
135 unique CDR3  
4 unique J



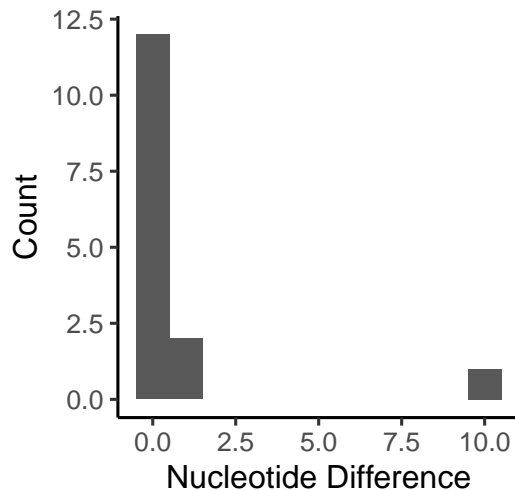
### IGLV3-19\*01

711 sequences assigned  
544 (76.5%) exact matches, in which:  
353 unique CDR3  
4 unique J



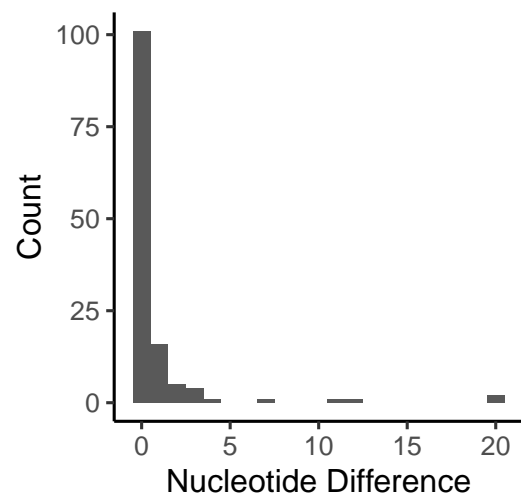
### IGLV3-22\*01

15 sequences assigned  
12 (80%) exact matches, in which:  
12 unique CDR3  
4 unique J



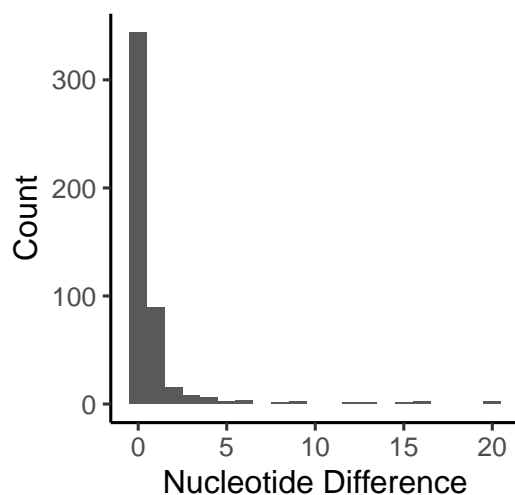
### IGLV3-27\*01

141 sequences assigned  
101 (71.6%) exact matches, in which:  
89 unique CDR3  
4 unique J



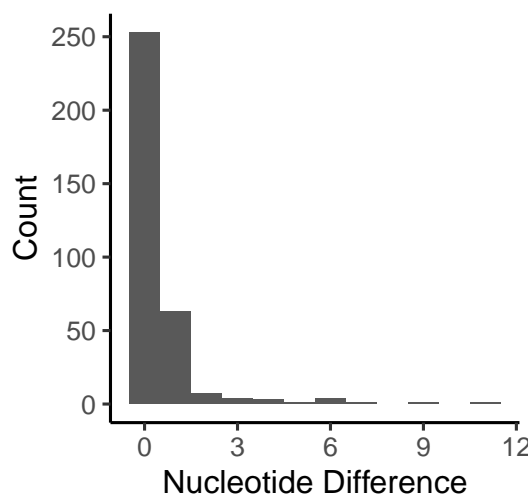
### IGLV3-21\*02

478 sequences assigned  
344 (72%) exact matches, in which:  
262 unique CDR3  
5 unique J



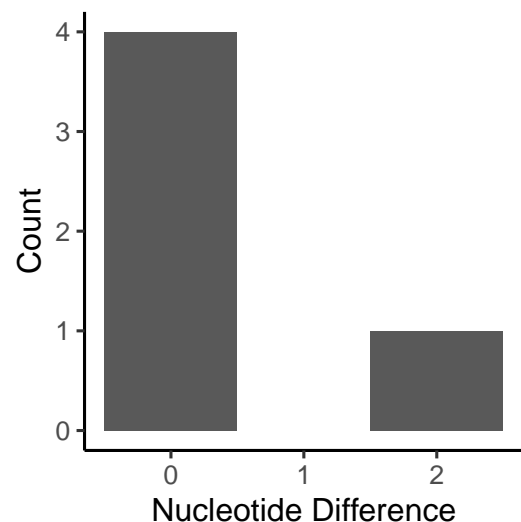
### IGLV3-25\*03

340 sequences assigned  
253 (74.4%) exact matches, in which:  
209 unique CDR3  
5 unique J



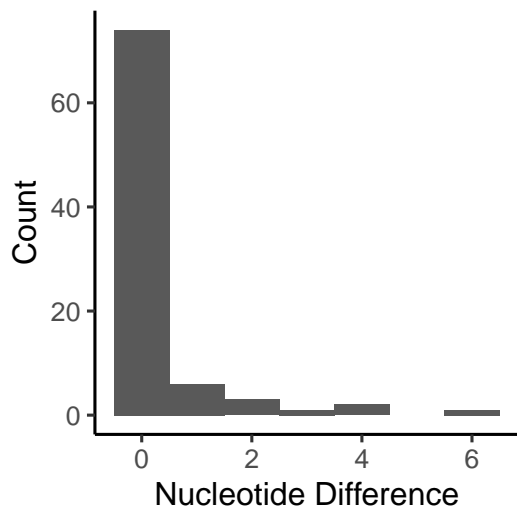
### IGLV4-3\*01

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



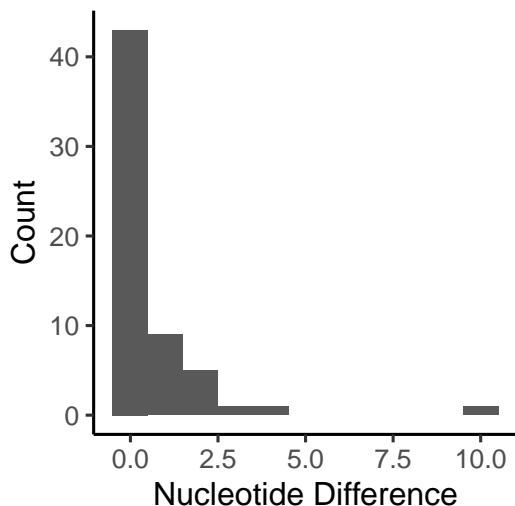
### IGLV4-60\*02\_T287C

87 sequences assigned  
74 (85.1%) exact matches, in which:  
62 unique CDR3  
4 unique J



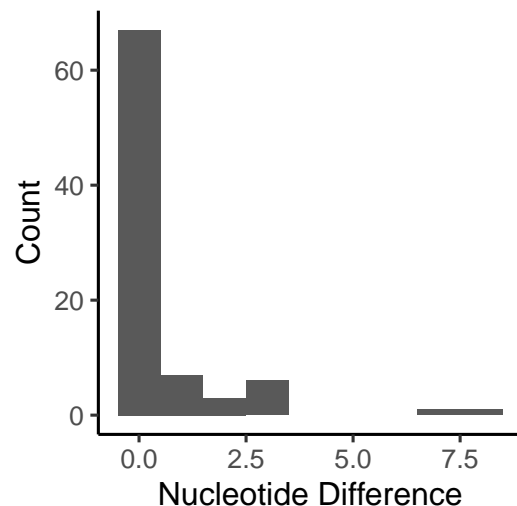
### IGLV5-45\*03

60 sequences assigned  
43 (71.7%) exact matches, in which:  
25 unique CDR3  
3 unique J



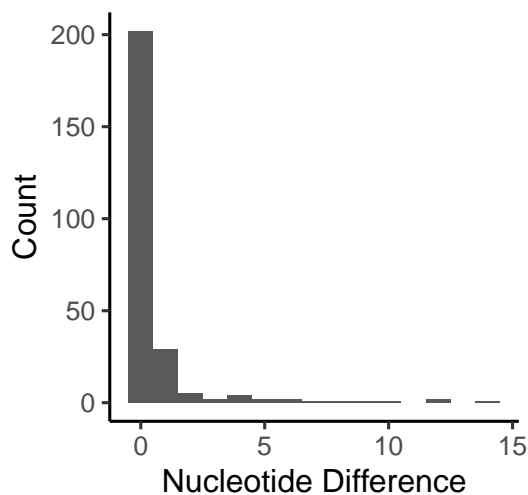
### IGLV6-57\*03

85 sequences assigned  
67 (78.8%) exact matches, in which:  
61 unique CDR3  
3 unique J



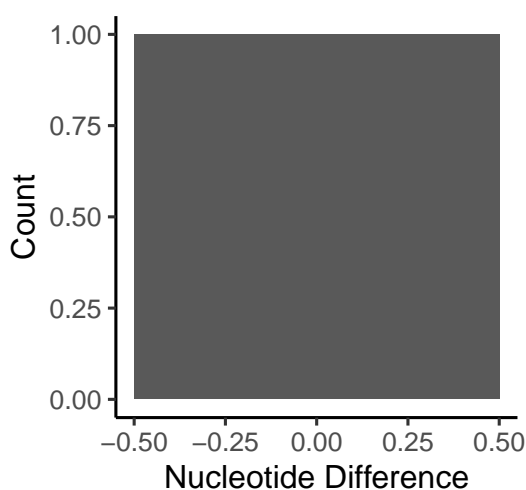
### IGLV4-69\*01

253 sequences assigned  
202 (79.8%) exact matches, in which:  
144 unique CDR3  
4 unique J



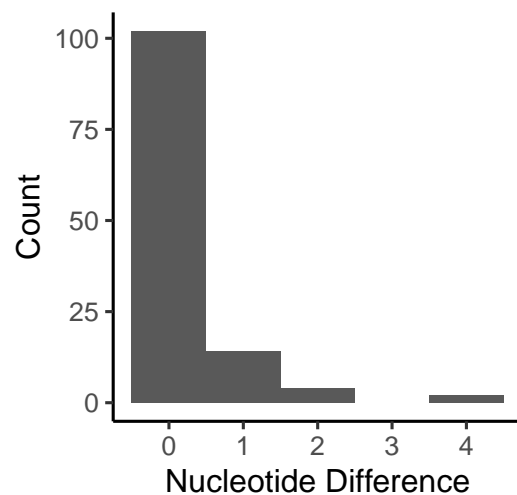
### IGLV5-48\*01

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



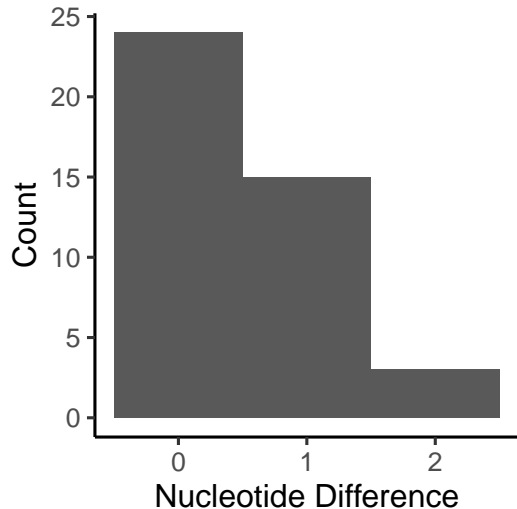
### IGLV6-57\*03\_C21G

122 sequences assigned  
102 (83.6%) exact matches, in which:  
84 unique CDR3  
4 unique J



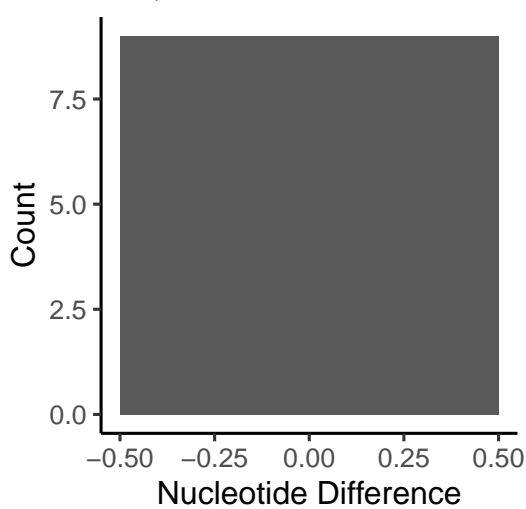
### IGLV5-37\*01

42 sequences assigned  
24 (57.1%) exact matches, in which:  
21 unique CDR3  
3 unique J



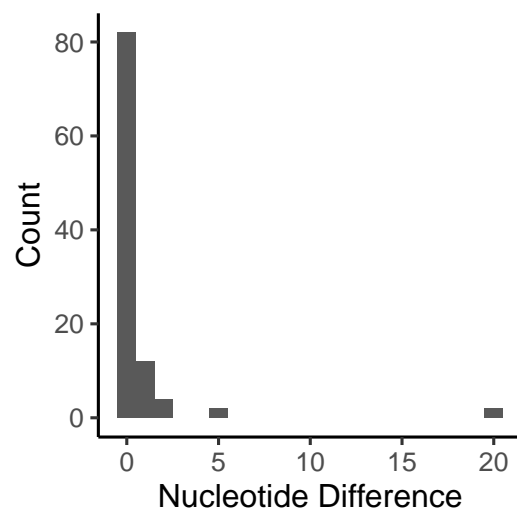
### IGLV5-52\*01

9 sequences assigned  
9 (100%) exact matches, in which:  
9 unique CDR3  
3 unique J



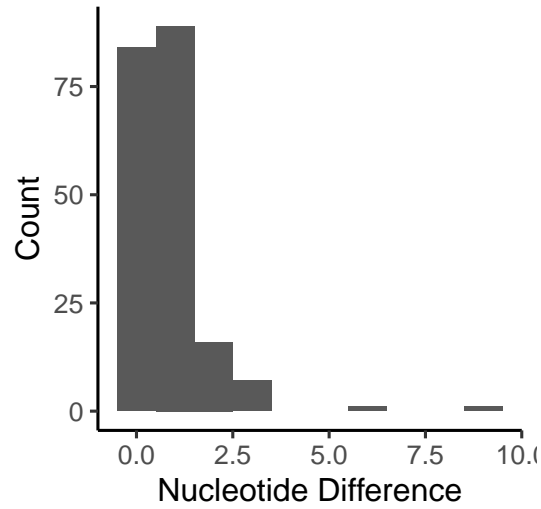
### IGLV7-43\*01

102 sequences assigned  
82 (80.4%) exact matches, in which:  
64 unique CDR3  
3 unique J



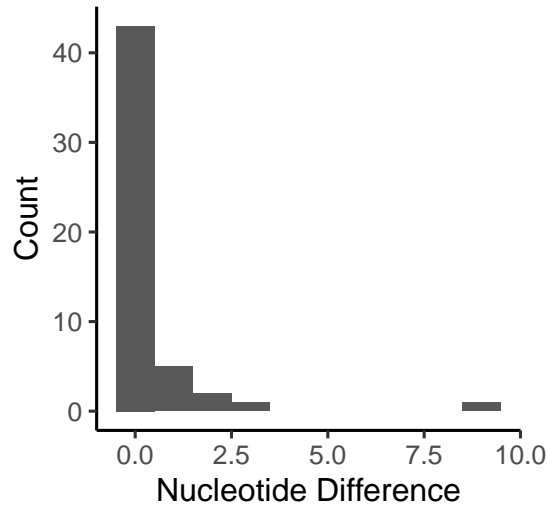
## IGLV7-46\*01

198 sequences assigned  
84 (42.4%) exact matches, in which:  
71 unique CDR3  
4 unique J



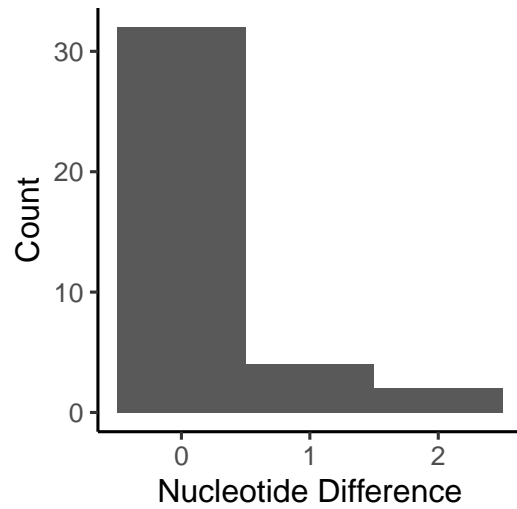
## IGLV9-49\*01

52 sequences assigned  
43 (82.7%) exact matches, in which:  
36 unique CDR3  
3 unique J



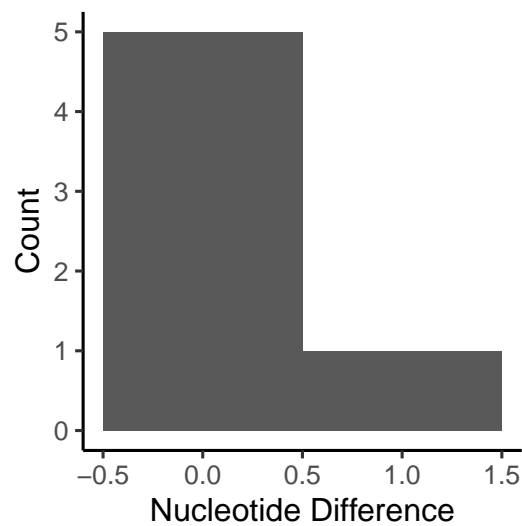
## IGLV8-61\*01

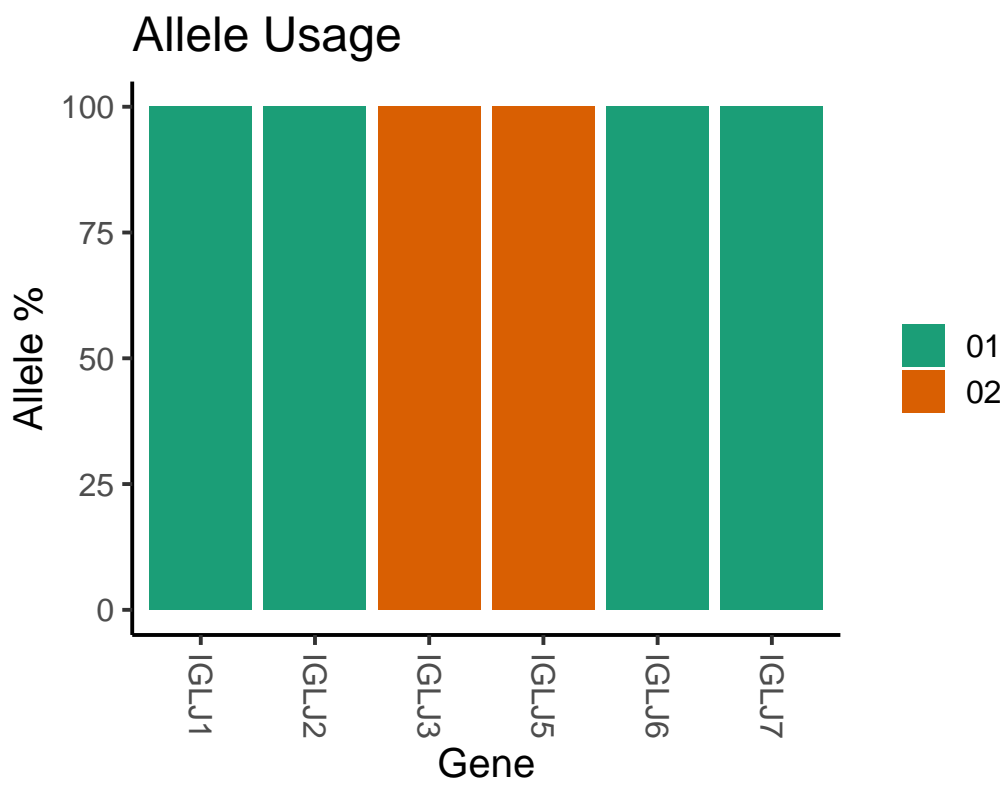
38 sequences assigned  
32 (84.2%) exact matches, in which:  
24 unique CDR3  
4 unique J



## IGLV8-61\*02

6 sequences assigned  
5 (83.3%) exact matches, in which:  
5 unique CDR3  
3 unique J





Warning – no inferred sequences found.