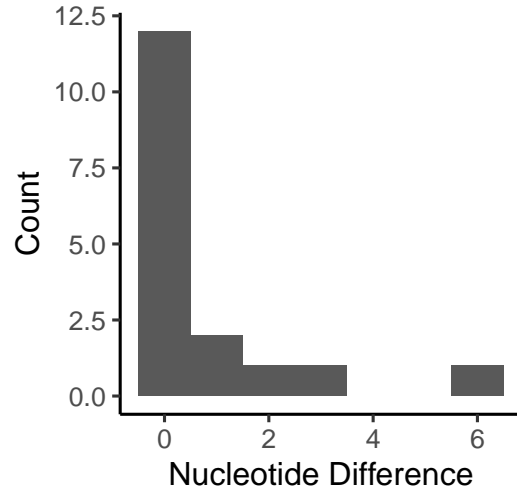


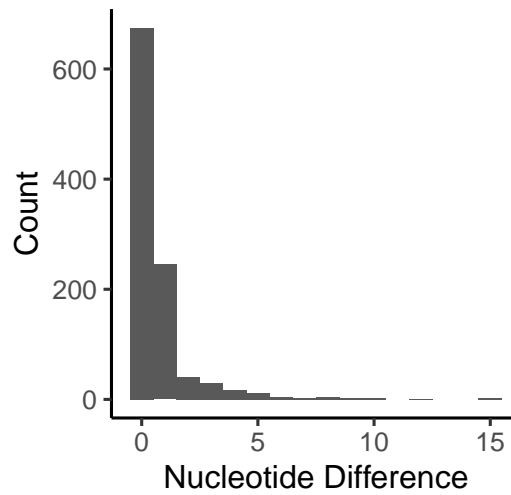
### IGLV10-54\*01

17 sequences assigned  
12 (70.6%) exact matches, in which:  
8 unique CDR3  
3 unique J



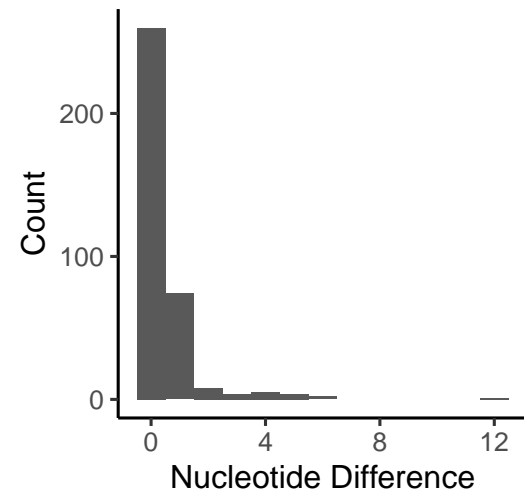
### IGLV1-40\*01

1039 sequences assigned  
675 (65%) exact matches, in which:  
529 unique CDR3  
5 unique J



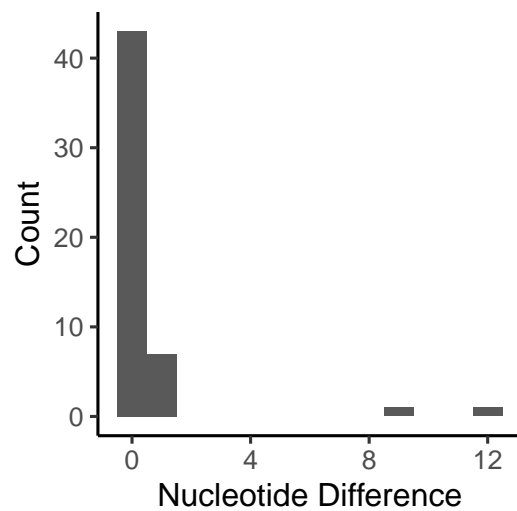
### IGLV1-51\*01

358 sequences assigned  
260 (72.6%) exact matches, in which:  
176 unique CDR3  
4 unique J



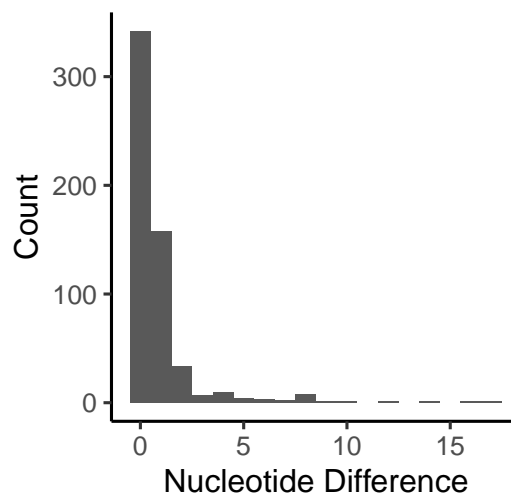
### IGLV10-54\*01\_A228C

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



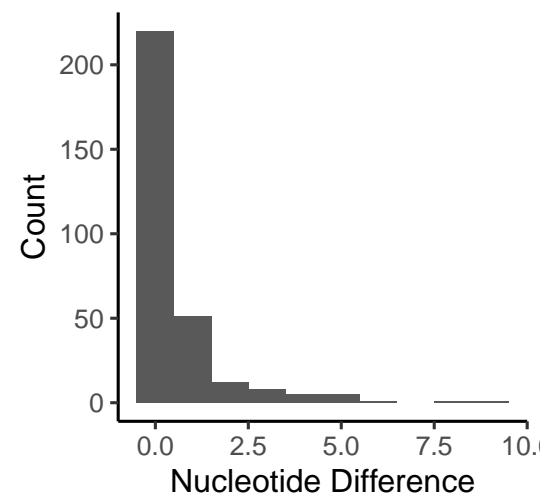
### IGLV1-44\*01

574 sequences assigned  
342 (59.6%) exact matches, in which:  
251 unique CDR3  
4 unique J



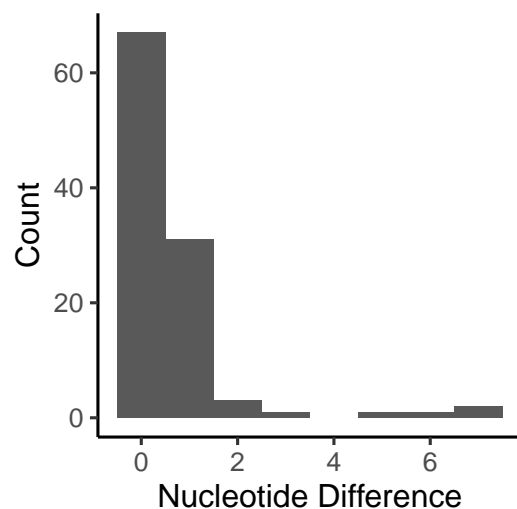
### IGLV2-8\*01

304 sequences assigned  
220 (72.4%) exact matches, in which:  
190 unique CDR3  
3 unique J



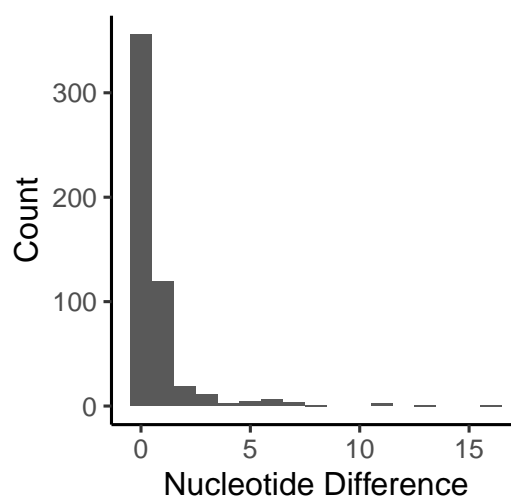
### IGLV1-36\*01

106 sequences assigned  
67 (63.2%) exact matches, in which:  
54 unique CDR3  
3 unique J



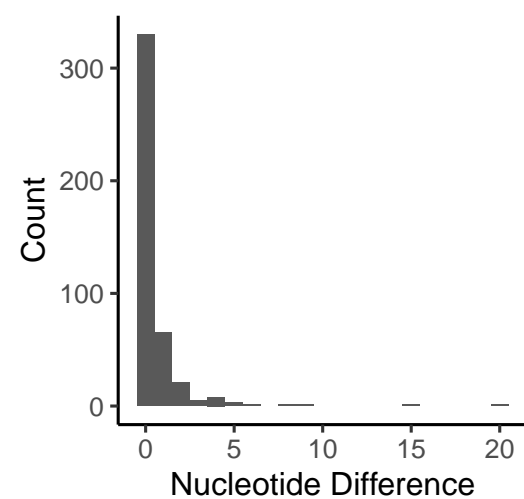
### IGLV1-47\*01

525 sequences assigned  
356 (67.8%) exact matches, in which:  
272 unique CDR3  
4 unique J



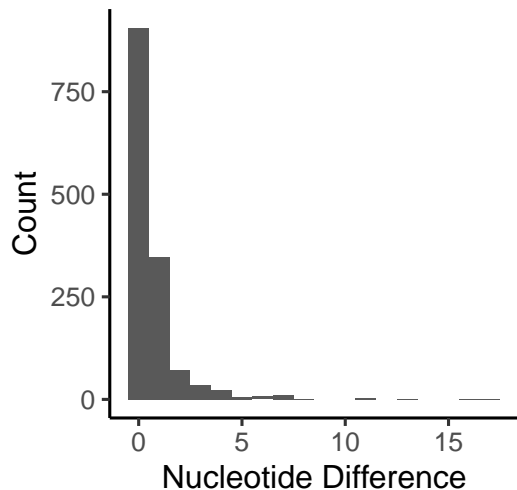
### IGLV2-11\*01

439 sequences assigned  
330 (75.2%) exact matches, in which:  
267 unique CDR3  
4 unique J



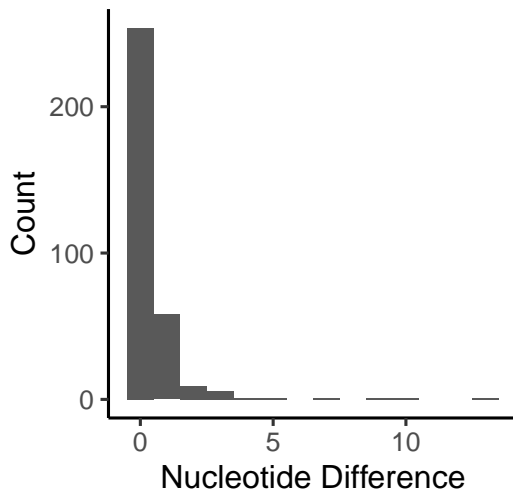
### IGLV2-14\*03EXT3

1417 sequences assigned  
906 (63.9%) exact matches, in which:  
694 unique CDR3  
4 unique J



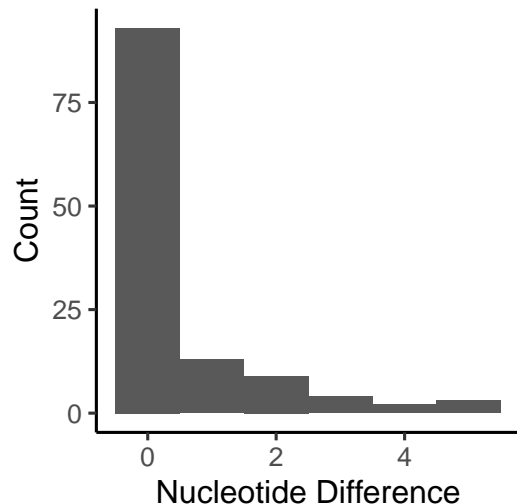
### IGLV2-23\*01\_G170T

333 sequences assigned  
254 (76.3%) exact matches, in which:  
223 unique CDR3  
4 unique J



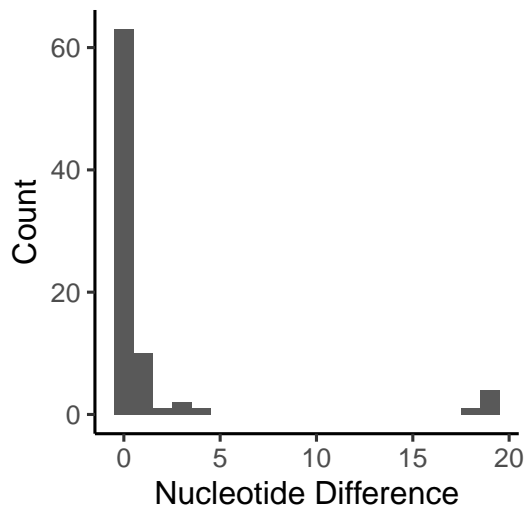
### IGLV3-10\*01

124 sequences assigned  
93 (75%) exact matches, in which:  
84 unique CDR3  
5 unique J



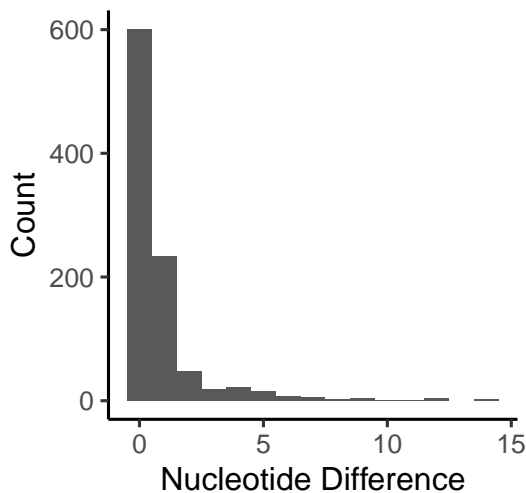
### IGLV2-18\*02

82 sequences assigned  
63 (76.8%) exact matches, in which:  
46 unique CDR3  
3 unique J



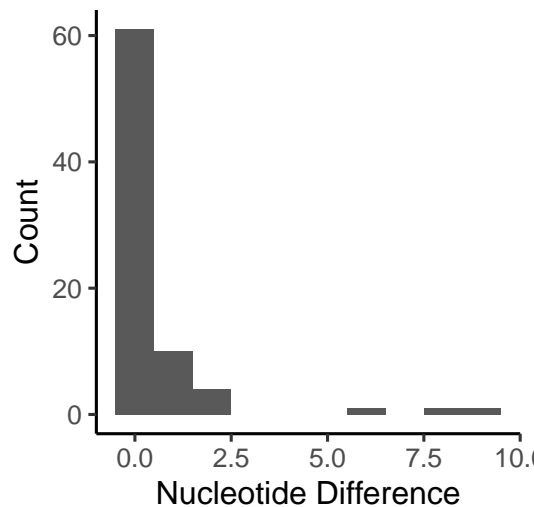
### IGLV3-1\*01

968 sequences assigned  
601 (62.1%) exact matches, in which:  
456 unique CDR3  
4 unique J



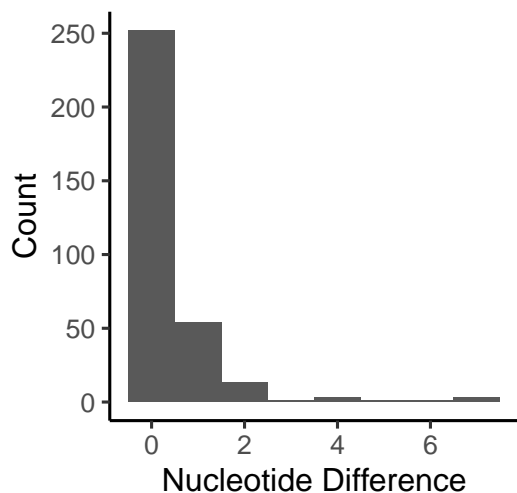
### IGLV3-16\*01

78 sequences assigned  
61 (78.2%) exact matches, in which:  
59 unique CDR3  
4 unique J



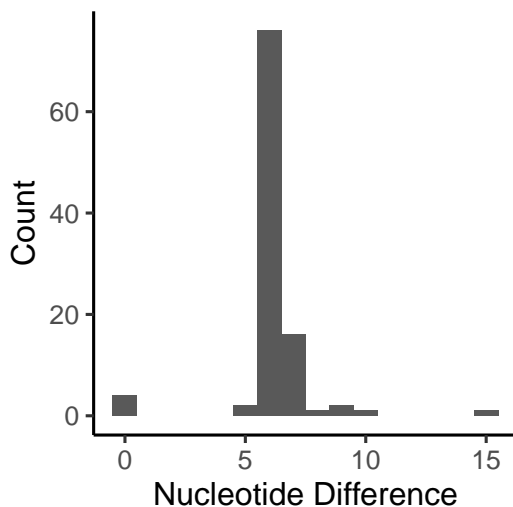
### IGLV2-23\*01

328 sequences assigned  
252 (76.8%) exact matches, in which:  
226 unique CDR3  
4 unique J



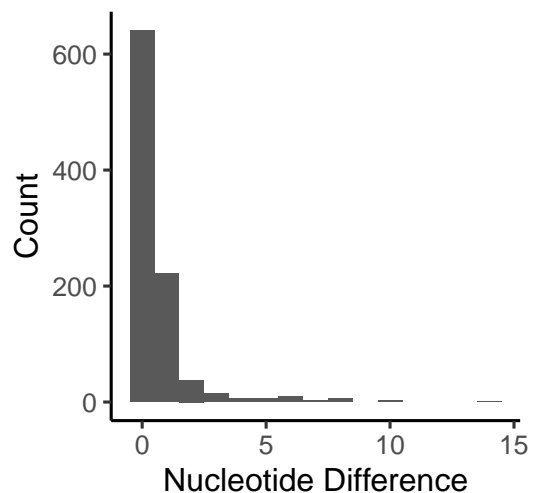
### IGLV3-9\*02

103 sequences assigned  
4 (3.9%) exact matches, in which:  
4 unique CDR3  
1 unique J



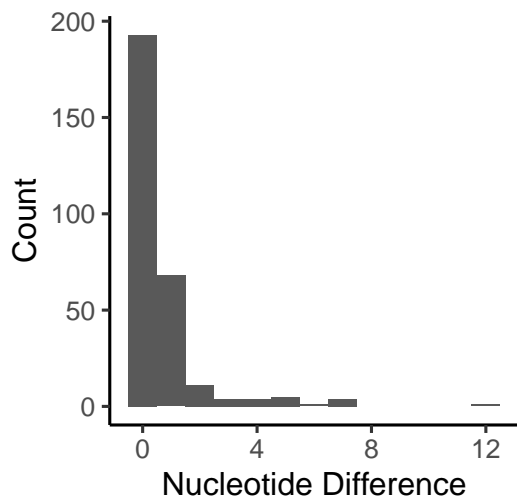
### IGLV3-19\*01

949 sequences assigned  
641 (67.5%) exact matches, in which:  
467 unique CDR3  
4 unique J



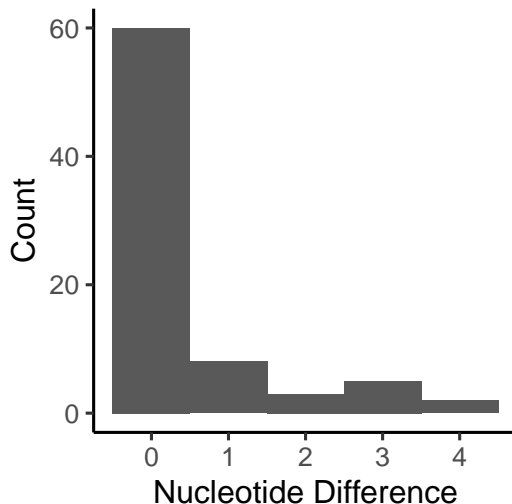
### IGLV3-21\*04

292 sequences assigned  
193 (66.1%) exact matches, in which:  
160 unique CDR3  
4 unique J



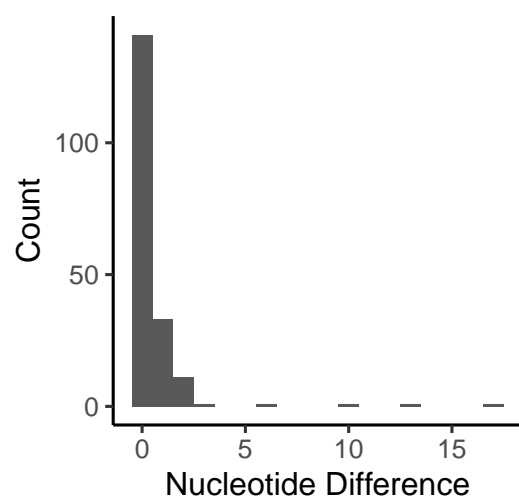
### IGLV3-27\*01

78 sequences assigned  
60 (76.9%) exact matches, in which:  
56 unique CDR3  
4 unique J



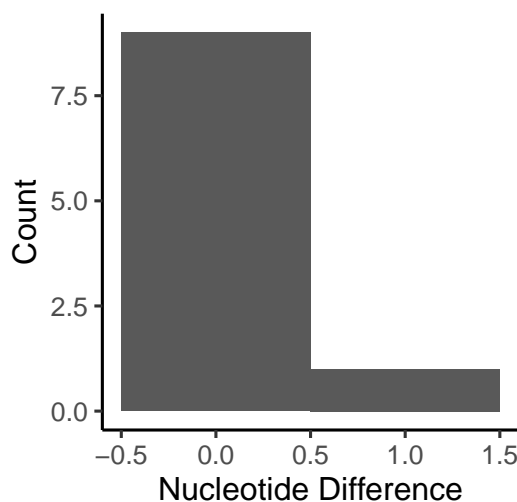
### IGLV4-69\*01

190 sequences assigned  
141 (74.2%) exact matches, in which:  
123 unique CDR3  
5 unique J



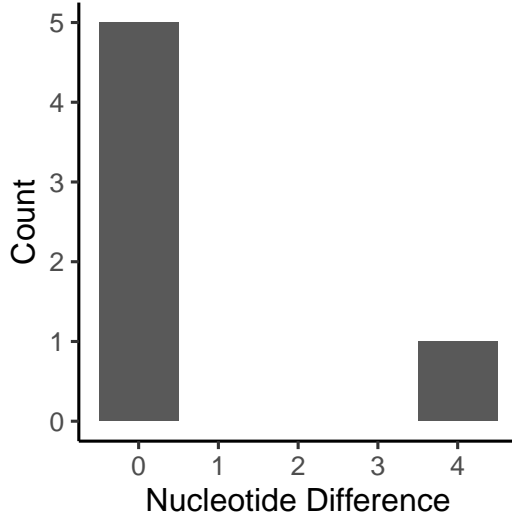
### IGLV3-22\*01

10 sequences assigned  
9 (90%) exact matches, in which:  
8 unique CDR3  
3 unique J



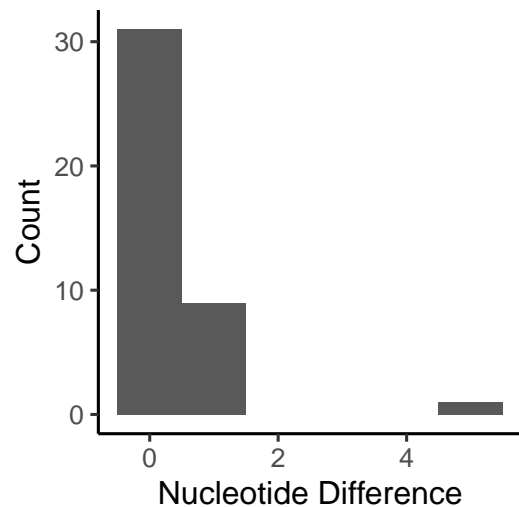
### IGLV4-3\*01

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



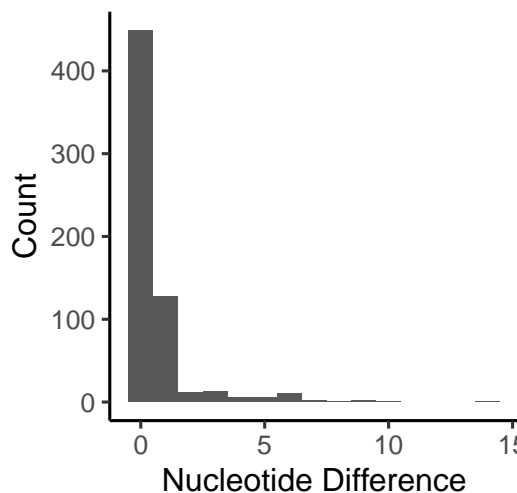
### IGLV5-37\*01

41 sequences assigned  
31 (75.6%) exact matches, in which:  
29 unique CDR3  
3 unique J



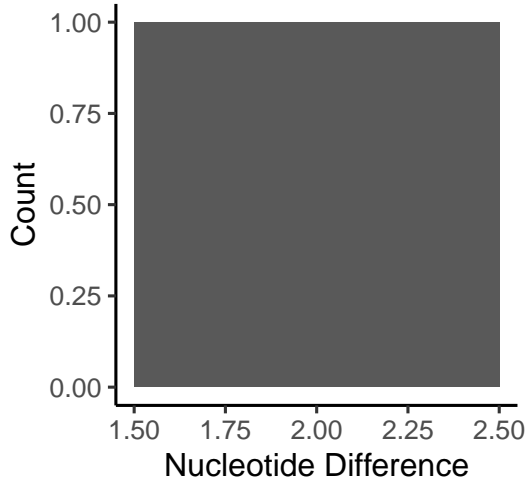
### IGLV3-25\*03

628 sequences assigned  
449 (71.5%) exact matches, in which:  
360 unique CDR3  
4 unique J



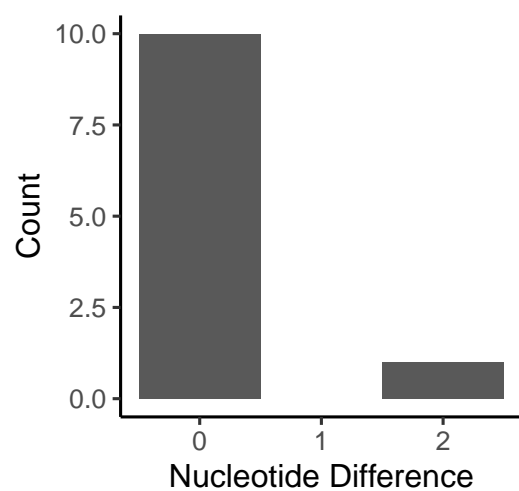
### IGLV4-60\*02

1 sequences assigned  
No exact matches.



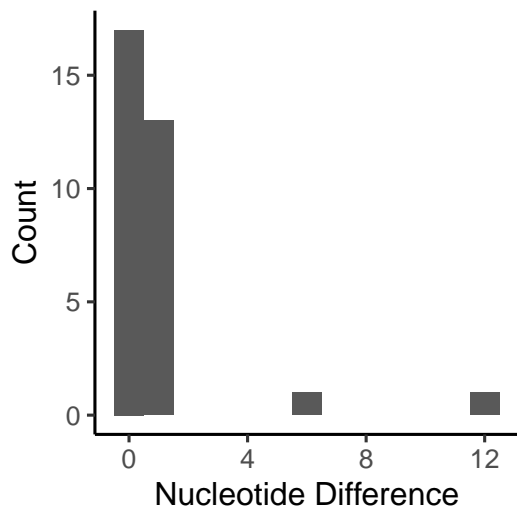
### IGLV5-39\*01

11 sequences assigned  
10 (90.9%) exact matches, in which:  
10 unique CDR3  
2 unique J



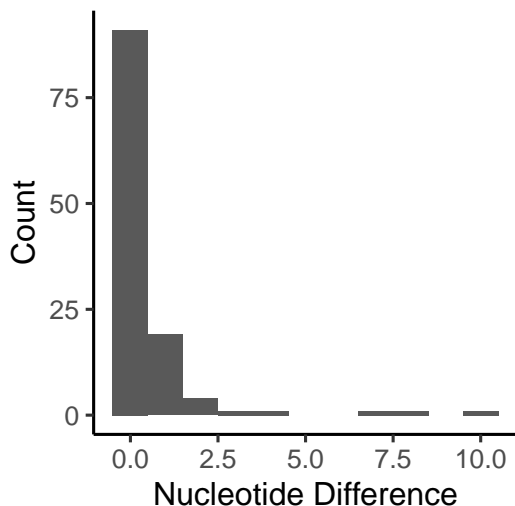
### IGLV5-45\*01

32 sequences assigned  
17 (53.1%) exact matches, in which:  
13 unique CDR3  
4 unique J



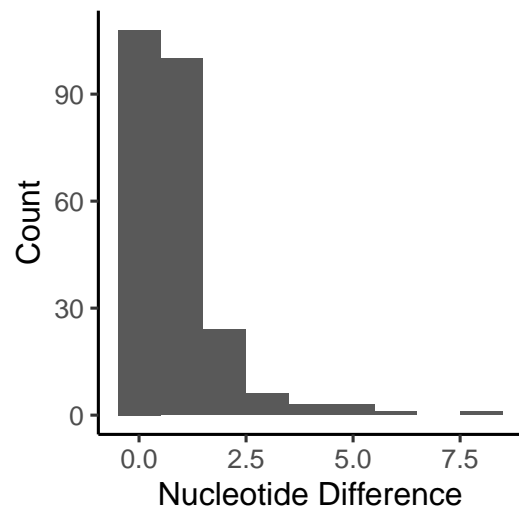
### IGLV6-57\*02

119 sequences assigned  
91 (76.5%) exact matches, in which:  
83 unique CDR3  
5 unique J



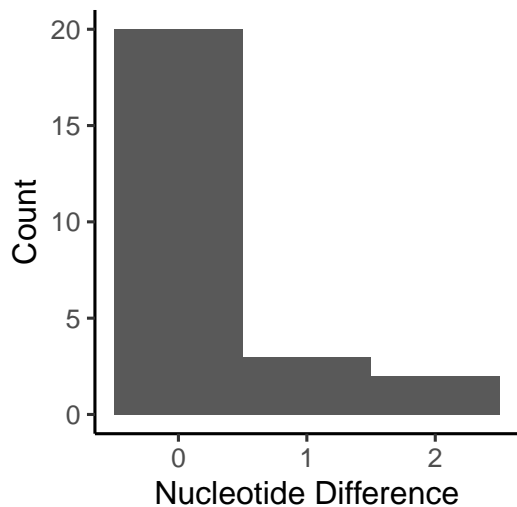
### IGLV7-46\*01

247 sequences assigned  
108 (43.7%) exact matches, in which:  
94 unique CDR3  
4 unique J



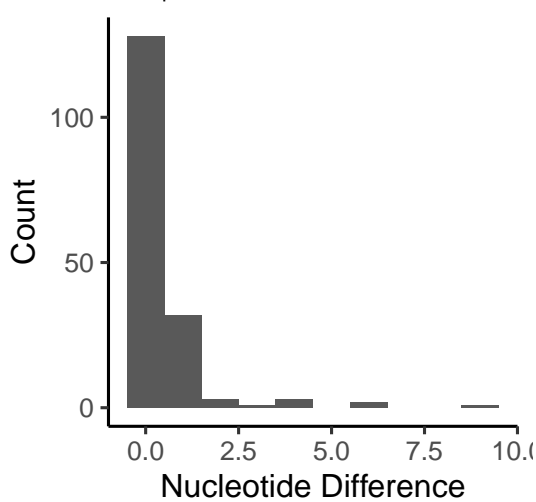
### IGLV5-45\*02

25 sequences assigned  
20 (80%) exact matches, in which:  
16 unique CDR3  
3 unique J



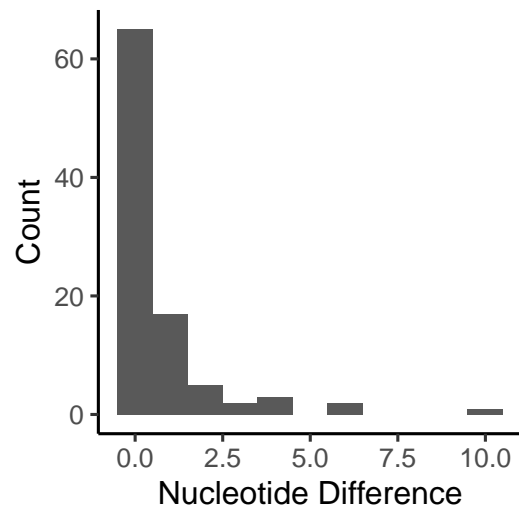
### IGLV6-57\*03\_C21G

170 sequences assigned  
128 (75.3%) exact matches, in which:  
110 unique CDR3  
6 unique J



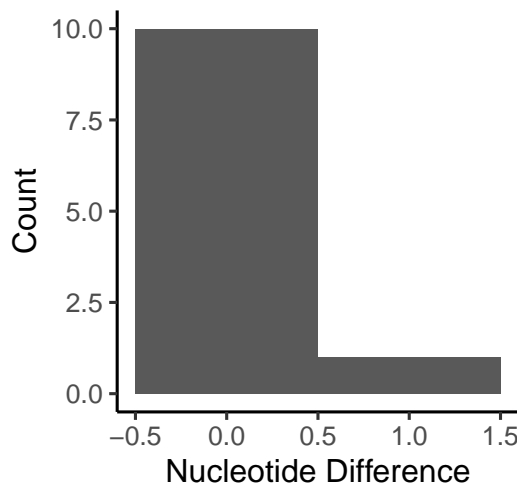
### IGLV8-61\*01

96 sequences assigned  
65 (67.7%) exact matches, in which:  
53 unique CDR3  
4 unique J



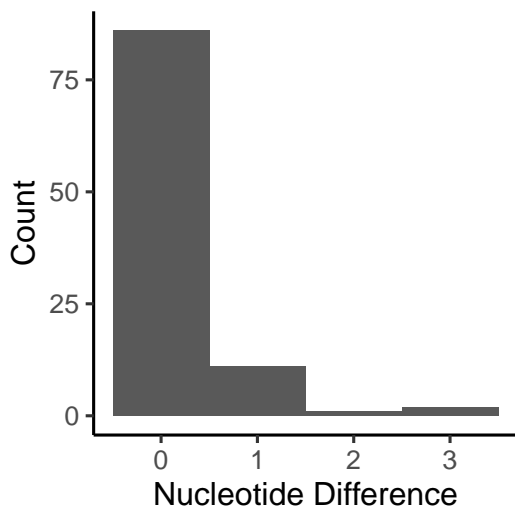
### IGLV5-52\*01

11 sequences assigned  
10 (90.9%) exact matches, in which:  
9 unique CDR3  
3 unique J



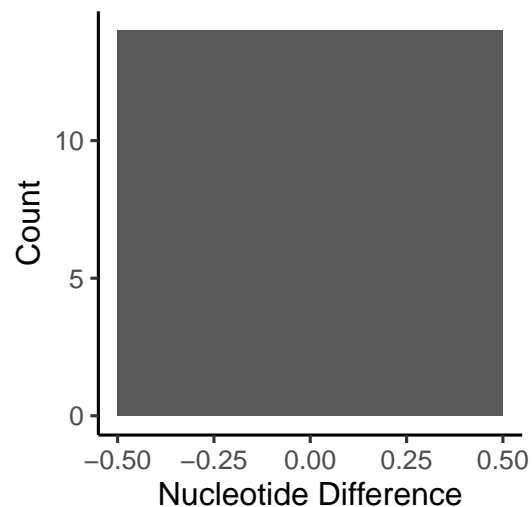
### IGLV7-43\*01

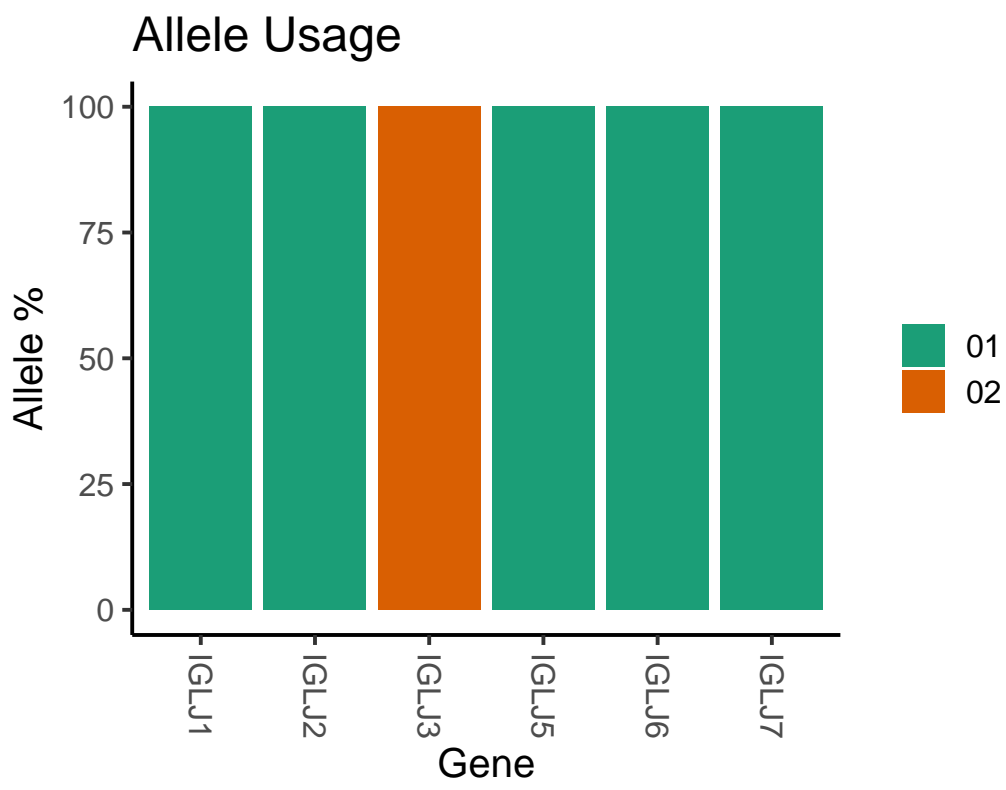
100 sequences assigned  
86 (86%) exact matches, in which:  
77 unique CDR3  
4 unique J



### IGLV9-49\*01

14 sequences assigned  
14 (100%) exact matches, in which:  
13 unique CDR3  
2 unique J





Warning – no inferred sequences found.