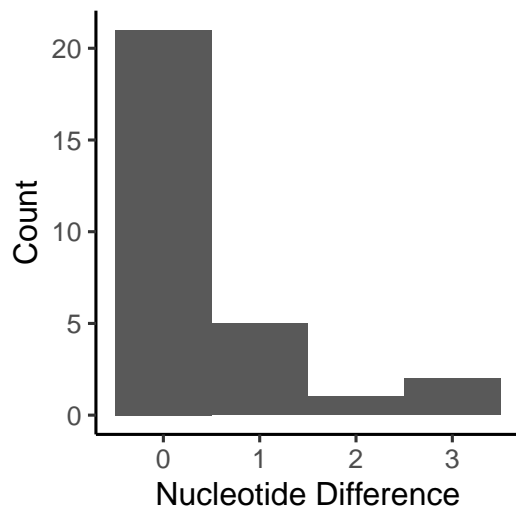


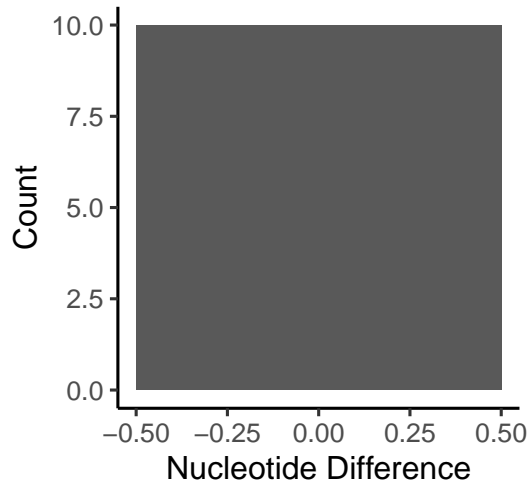
### IGLV10-54\*01

29 sequences assigned  
21 (72.4%) exact matches, in which:  
18 unique CDR3  
3 unique J



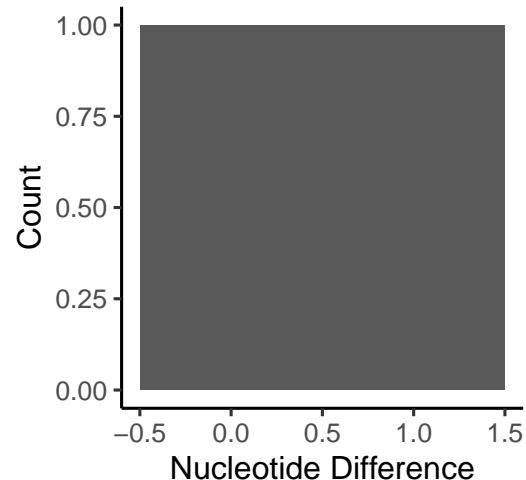
### IGLV1-41\*01

10 sequences assigned  
10 (100%) exact matches, in which:  
9 unique CDR3  
4 unique J



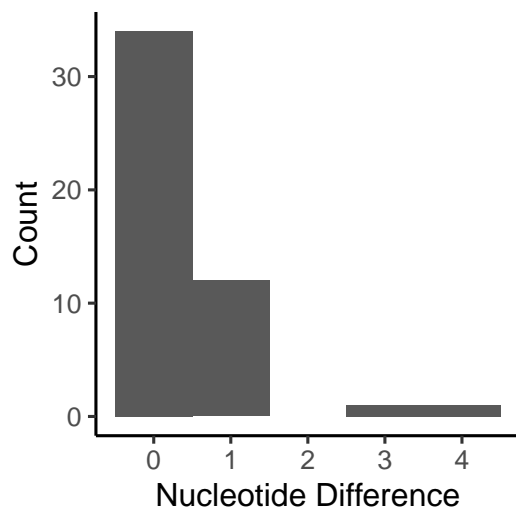
### IGLV1-50\*01

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



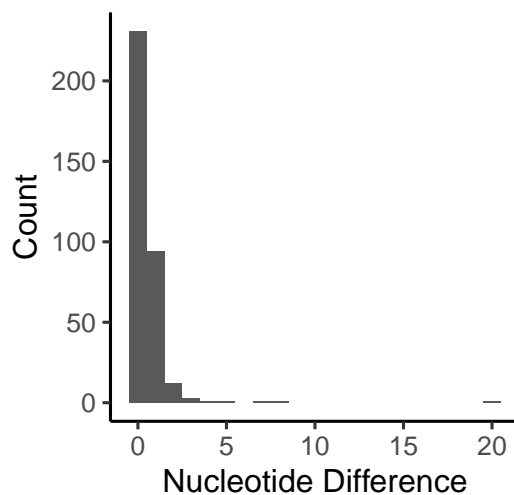
### IGLV1-36\*01

48 sequences assigned  
34 (70.8%) exact matches, in which:  
32 unique CDR3  
4 unique J



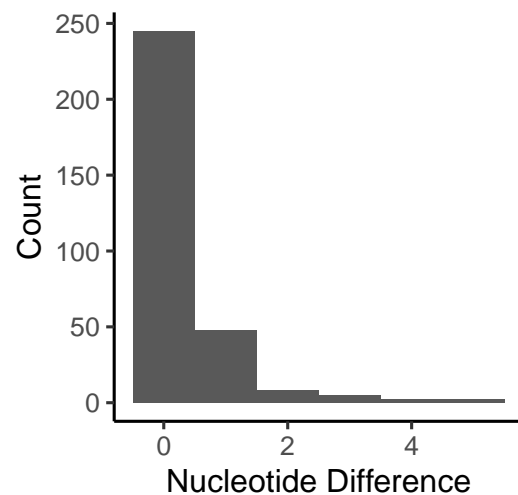
### IGLV1-44\*01

345 sequences assigned  
231 (67%) exact matches, in which:  
187 unique CDR3  
4 unique J



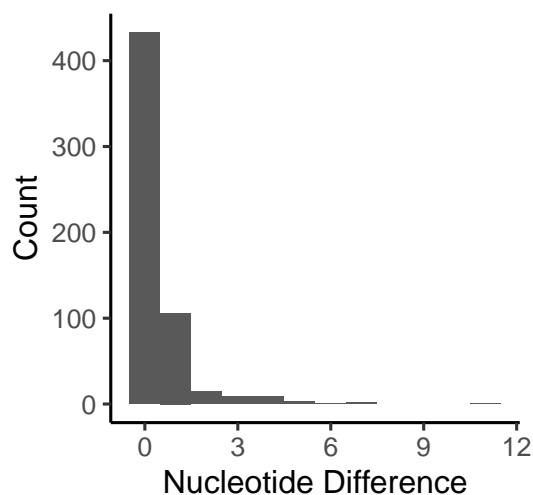
### IGLV1-51\*01

310 sequences assigned  
245 (79%) exact matches, in which:  
175 unique CDR3  
4 unique J



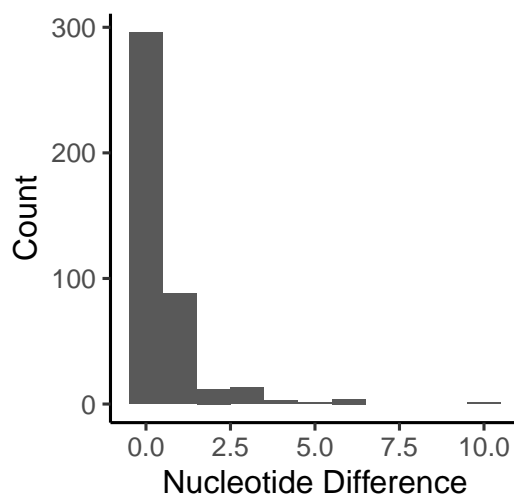
### IGLV1-40\*01

579 sequences assigned  
433 (74.8%) exact matches, in which:  
368 unique CDR3  
4 unique J



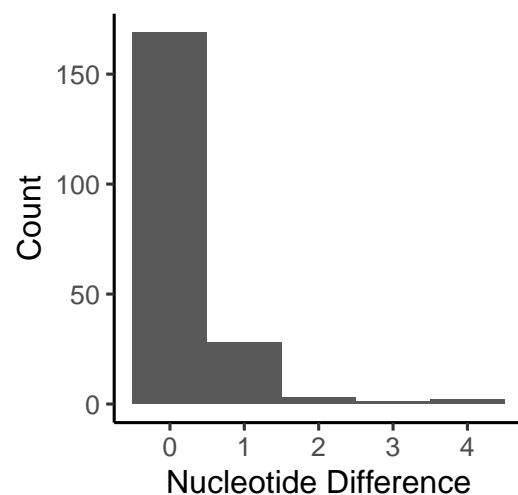
### IGLV1-47\*01

418 sequences assigned  
296 (70.8%) exact matches, in which:  
248 unique CDR3  
4 unique J



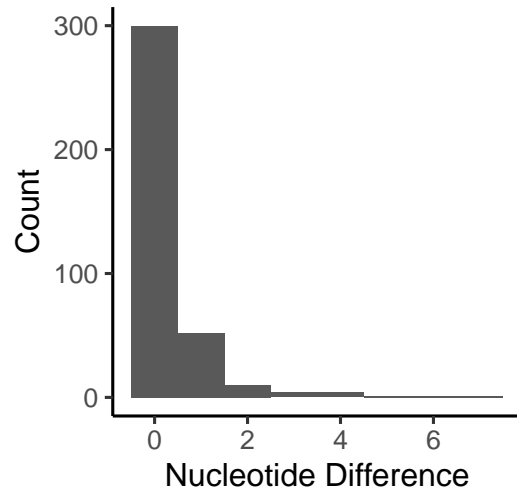
### IGLV2-8\*01

203 sequences assigned  
169 (83.3%) exact matches, in which:  
144 unique CDR3  
3 unique J



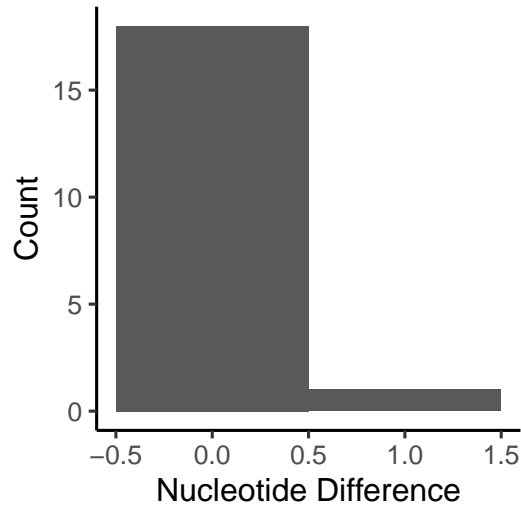
### IGLV2-11\*01

373 sequences assigned  
300 (80.4%) exact matches, in which:  
265 unique CDR3  
4 unique J



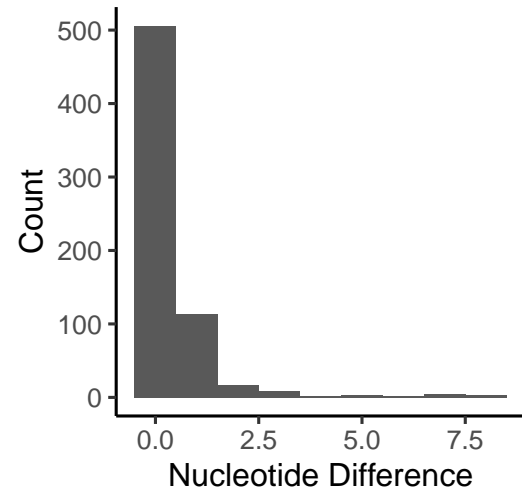
### IGLV2-18\*01

19 sequences assigned  
18 (94.7%) exact matches, in which:  
18 unique CDR3  
3 unique J



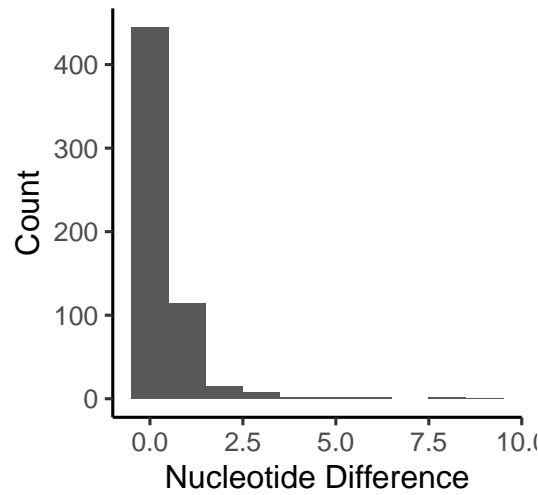
### IGLV3-1\*01

661 sequences assigned  
506 (76.6%) exact matches, in which:  
402 unique CDR3  
4 unique J



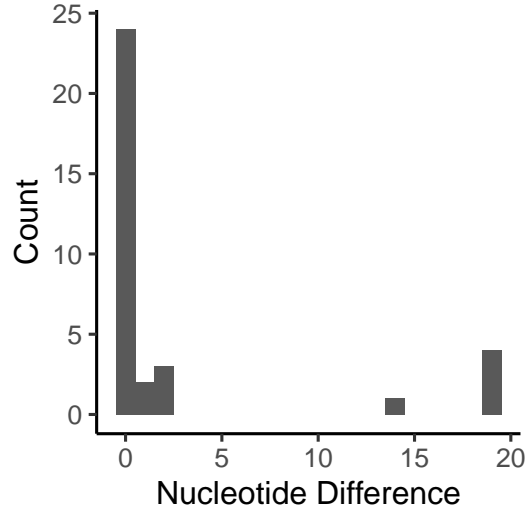
### IGLV2-14\*01

591 sequences assigned  
445 (75.3%) exact matches, in which:  
397 unique CDR3  
4 unique J



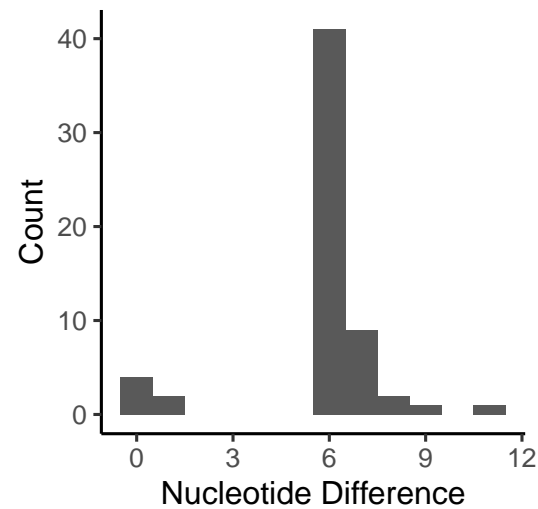
### IGLV2-18\*02

34 sequences assigned  
24 (70.6%) exact matches, in which:  
20 unique CDR3  
3 unique J



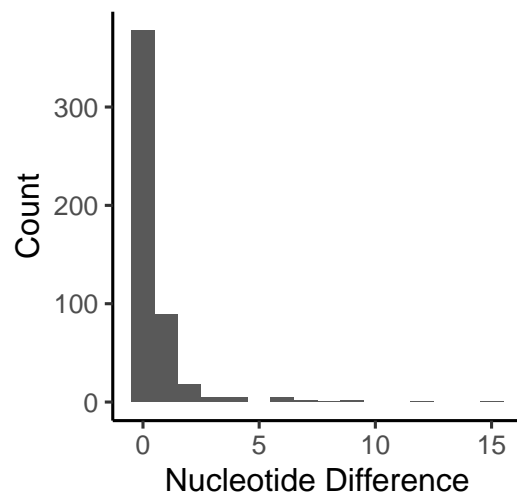
### IGLV3-9\*02

60 sequences assigned  
4 (6.7%) exact matches, in which:  
4 unique CDR3  
3 unique J



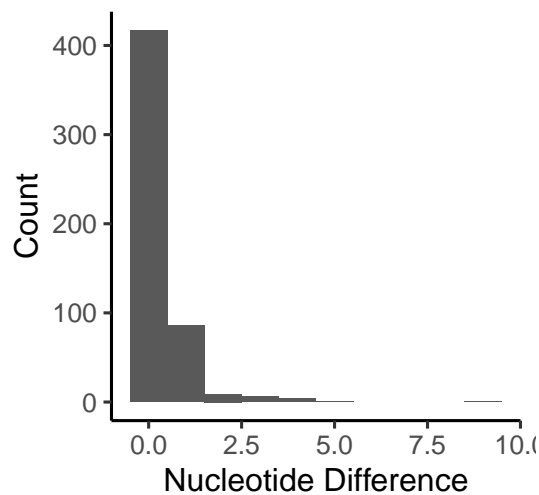
### IGLV2-14\*04EXT3

507 sequences assigned  
378 (74.6%) exact matches, in which:  
332 unique CDR3  
4 unique J



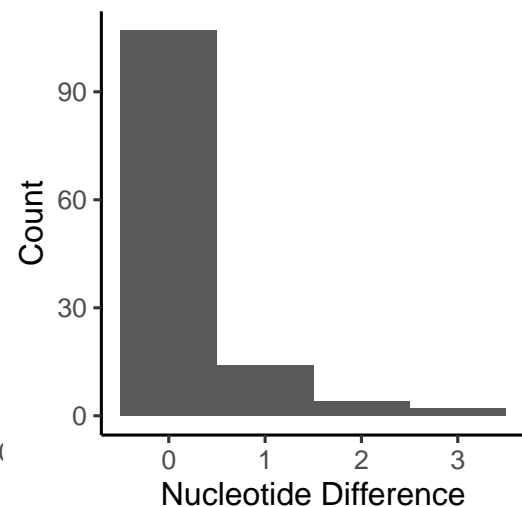
### IGLV2-23\*01

524 sequences assigned  
417 (79.6%) exact matches, in which:  
359 unique CDR3  
4 unique J



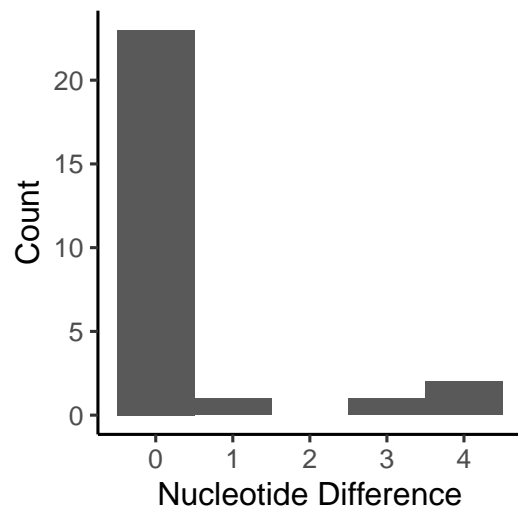
### IGLV3-10\*01

127 sequences assigned  
107 (84.3%) exact matches, in which:  
98 unique CDR3  
4 unique J



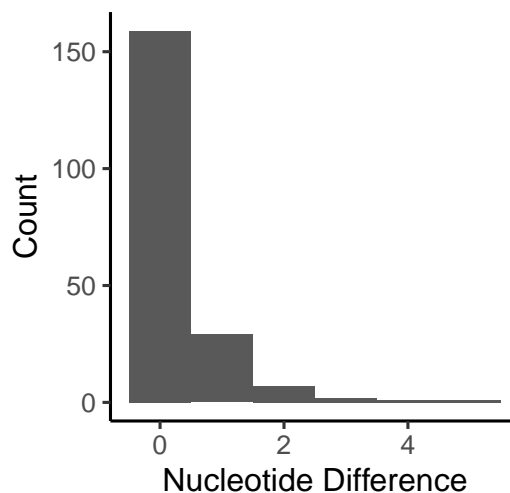
### IGLV3-16\*01

27 sequences assigned  
23 (85.2%) exact matches, in which:  
21 unique CDR3  
3 unique J



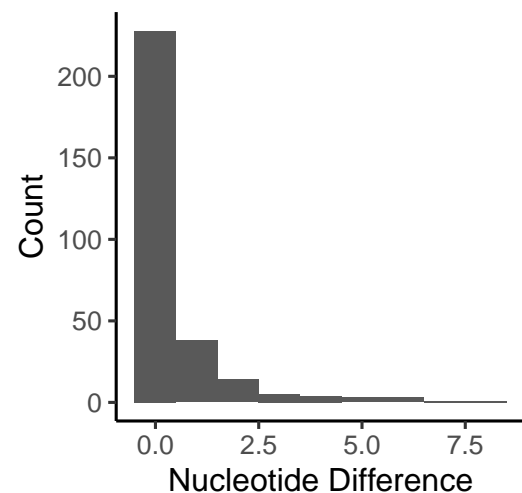
### IGLV3-21\*04

199 sequences assigned  
159 (79.9%) exact matches, in which:  
147 unique CDR3  
4 unique J



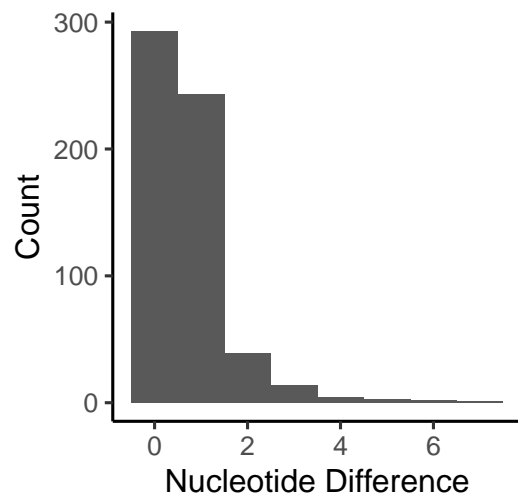
### IGLV3-25\*03

297 sequences assigned  
228 (76.8%) exact matches, in which:  
202 unique CDR3  
5 unique J



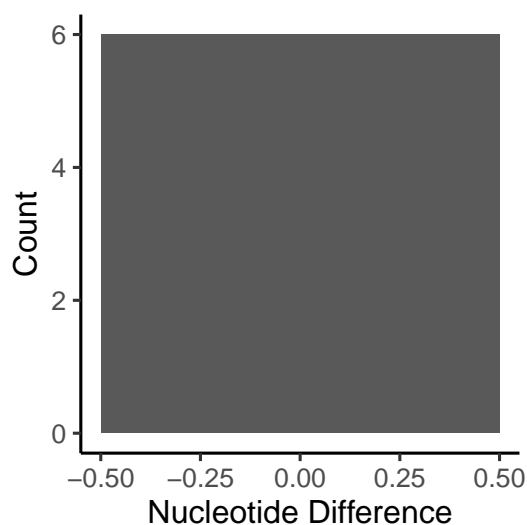
### IGLV3-19\*01

599 sequences assigned  
293 (48.9%) exact matches, in which:  
238 unique CDR3  
4 unique J



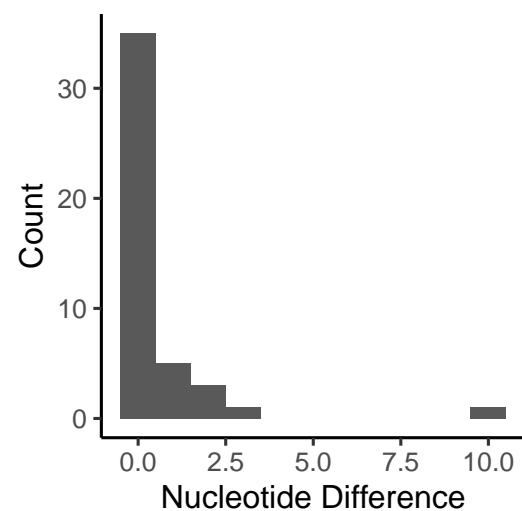
### IGLV3-22\*01

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



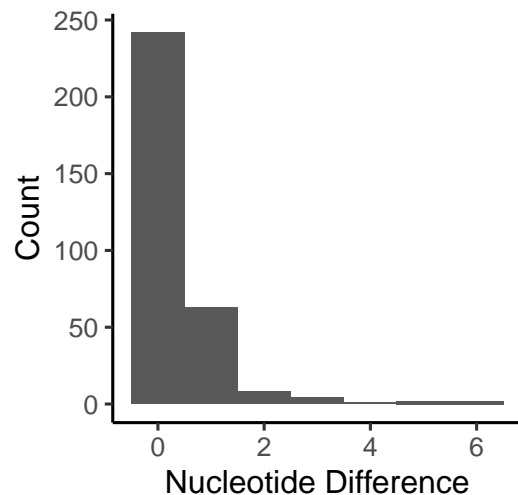
### IGLV3-27\*01

45 sequences assigned  
35 (77.8%) exact matches, in which:  
35 unique CDR3  
4 unique J



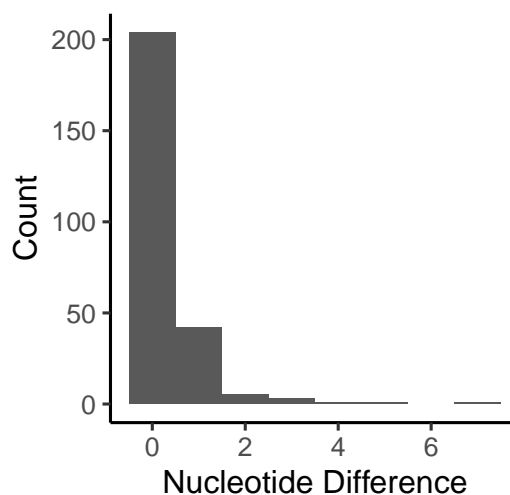
### IGLV3-21\*02

322 sequences assigned  
242 (75.2%) exact matches, in which:  
219 unique CDR3  
4 unique J



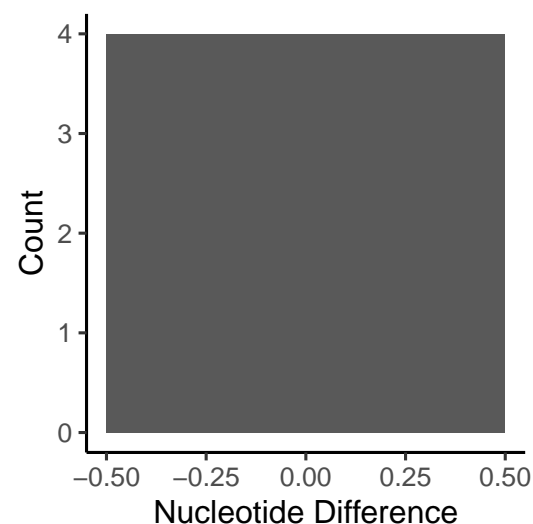
### IGLV3-25\*02

257 sequences assigned  
204 (79.4%) exact matches, in which:  
180 unique CDR3  
4 unique J



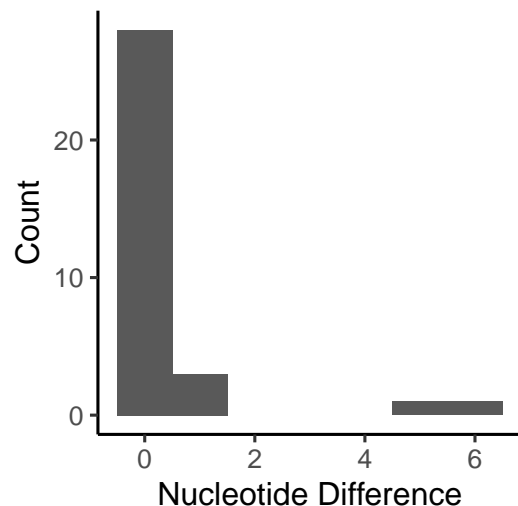
### IGLV4-3\*01

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



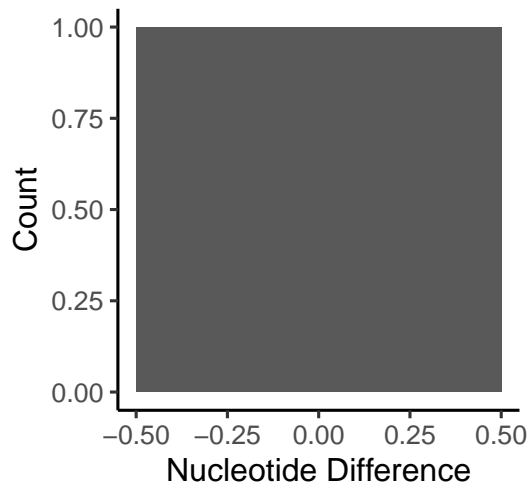
### IGLV4-60\*02

33 sequences assigned  
28 (84.8%) exact matches, in which:  
26 unique CDR3  
3 unique J



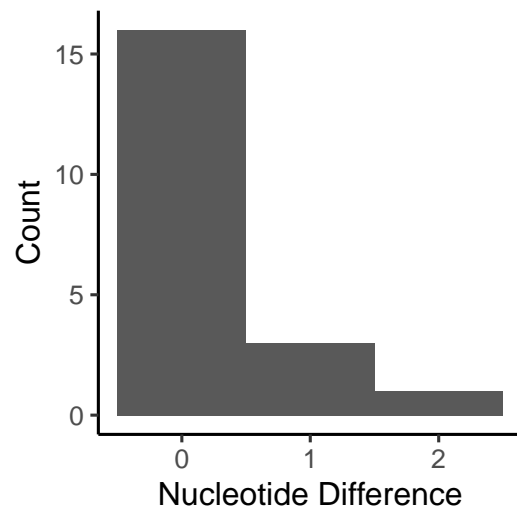
### IGLV5-37\*01

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



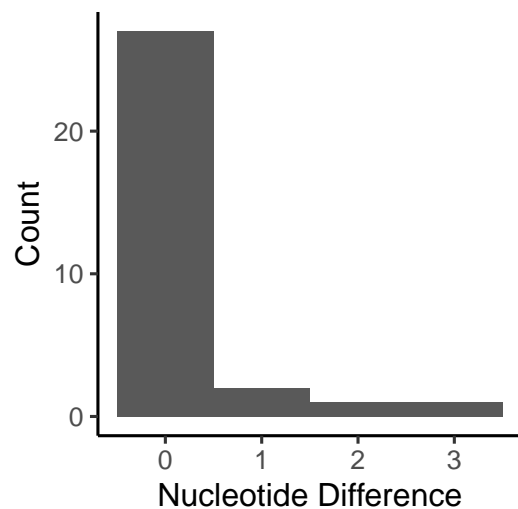
### IGLV5-45\*03

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



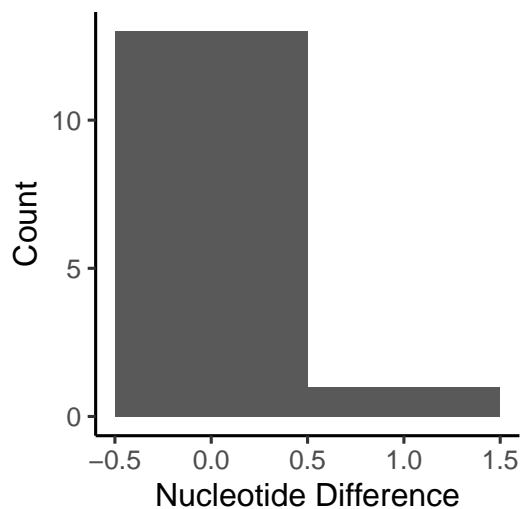
### IGLV4-60\*02\_T287C

31 sequences assigned  
27 (87.1%) exact matches, in which:  
21 unique CDR3  
4 unique J



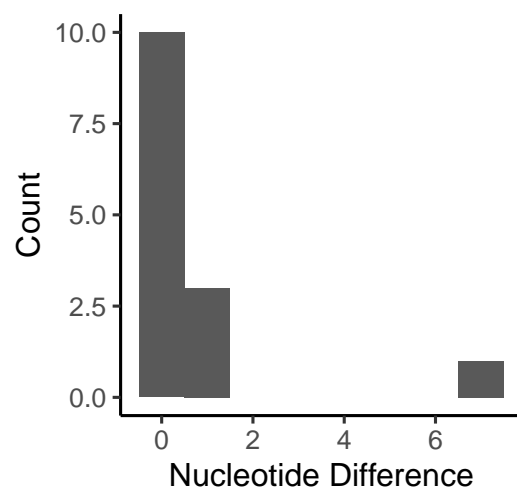
### IGLV5-39\*01

14 sequences assigned  
13 (92.9%) exact matches, in which:  
12 unique CDR3  
2 unique J



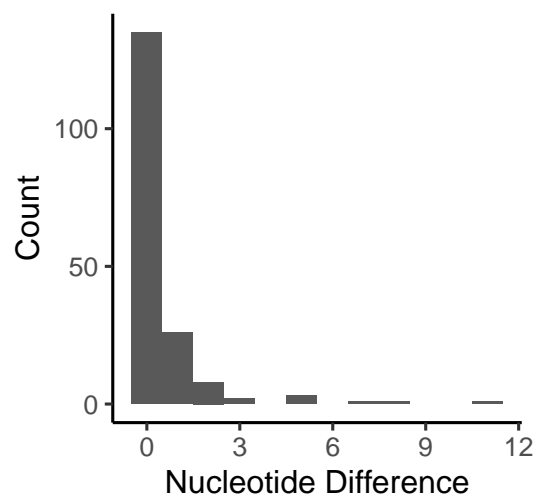
### IGLV5-52\*01

14 sequences assigned  
10 (71.4%) exact matches, in which:  
10 unique CDR3  
3 unique J



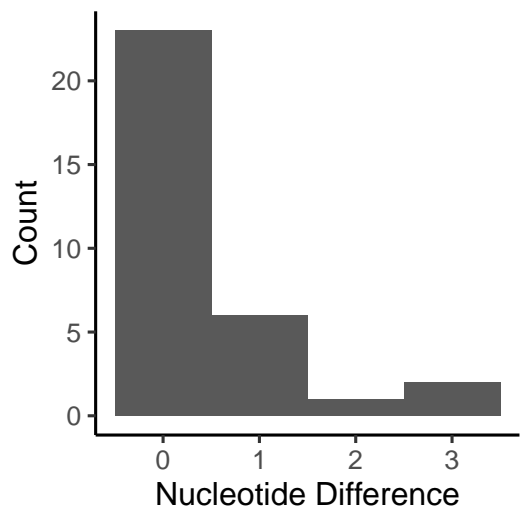
### IGLV4-69\*01

178 sequences assigned  
135 (75.8%) exact matches, in which:  
116 unique CDR3  
5 unique J



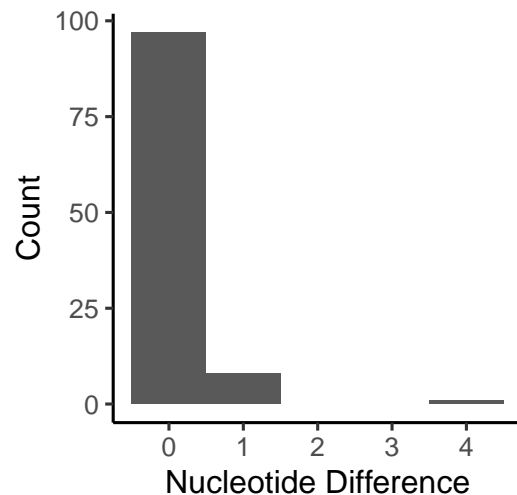
### IGLV5-45\*01

32 sequences assigned  
23 (71.9%) exact matches, in which:  
21 unique CDR3  
3 unique J



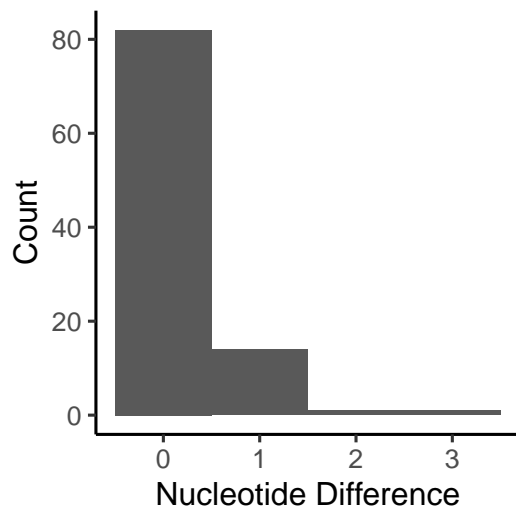
### IGLV6-57\*01

106 sequences assigned  
97 (91.5%) exact matches, in which:  
89 unique CDR3  
5 unique J



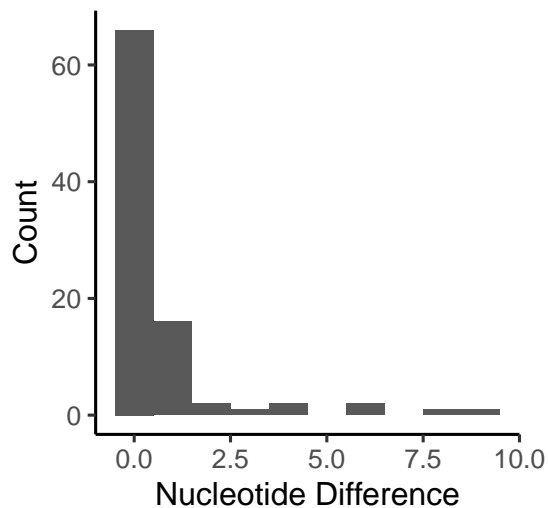
## IGLV6-57\*03\_C21G

98 sequences assigned  
82 (83.7%) exact matches, in which:  
74 unique CDR3  
5 unique J



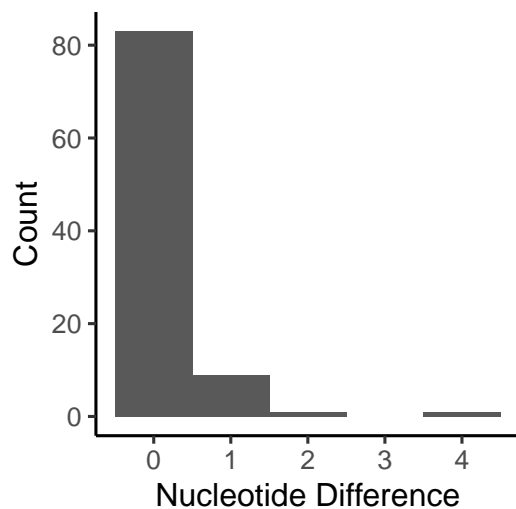
## IGLV8-61\*01

91 sequences assigned  
66 (72.5%) exact matches, in which:  
57 unique CDR3  
4 unique J



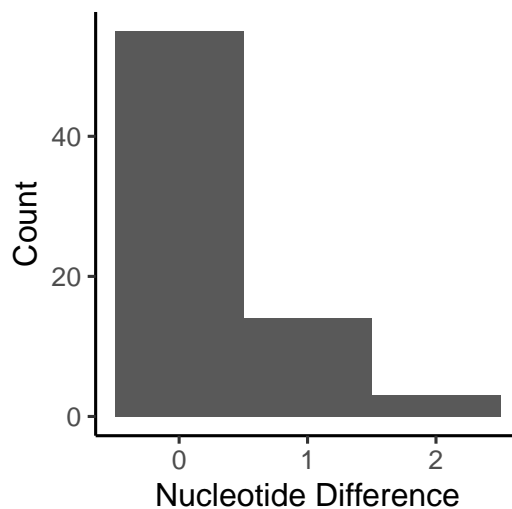
## IGLV7-43\*01

94 sequences assigned  
83 (88.3%) exact matches, in which:  
74 unique CDR3  
3 unique J



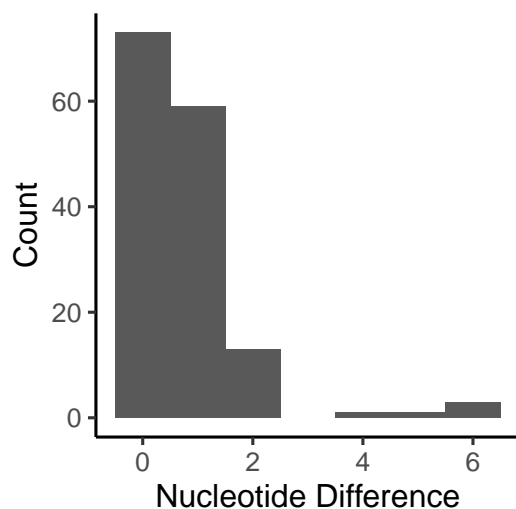
## IGLV9-49\*01

72 sequences assigned  
55 (76.4%) exact matches, in which:  
47 unique CDR3  
3 unique J



## IGLV7-46\*01

150 sequences assigned  
73 (48.7%) exact matches, in which:  
63 unique CDR3  
4 unique J





Warning – no inferred sequences found.