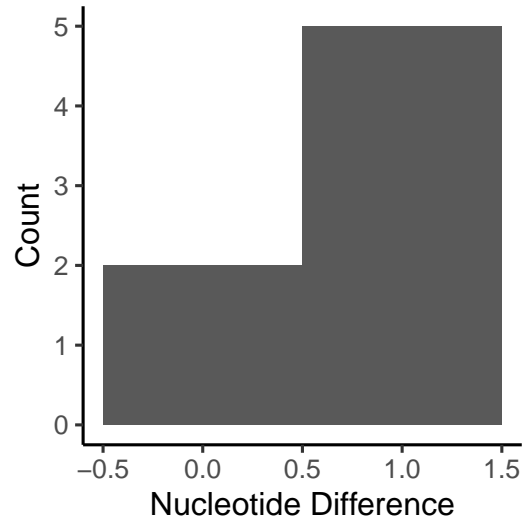


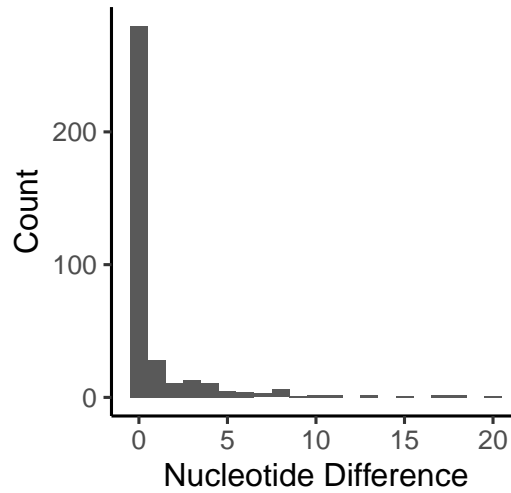
### IGLV10-54\*01

7 sequences assigned  
2 (28.6%) exact matches, in which:  
1 unique CDR3  
1 unique J



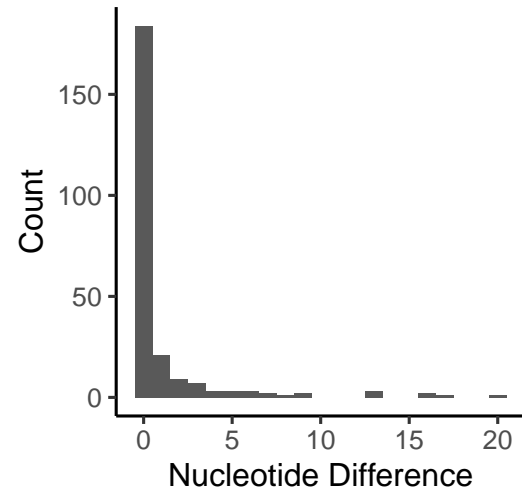
### IGLV1-40\*01

378 sequences assigned  
280 (74.1%) exact matches, in which:  
216 unique CDR3  
4 unique J



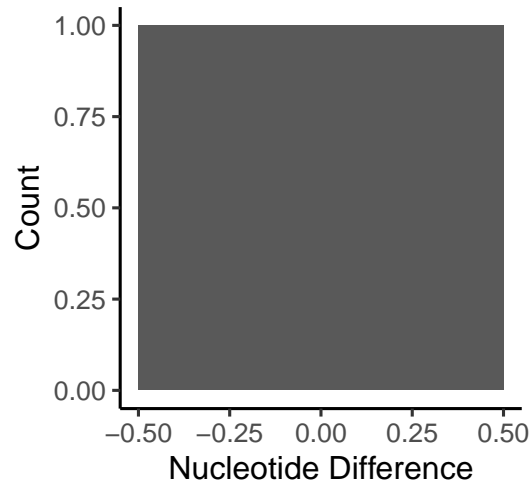
### IGLV1-44\*01

243 sequences assigned  
184 (75.7%) exact matches, in which:  
141 unique CDR3  
3 unique J



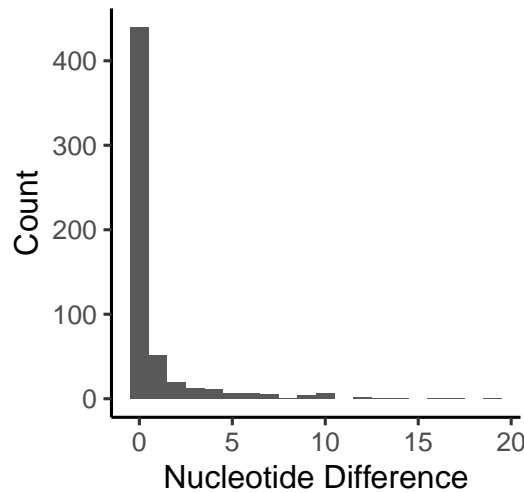
### IGLV10-54\*02

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



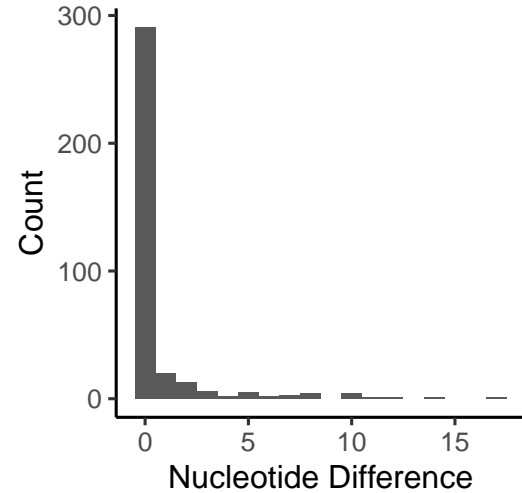
### IGLV1-40\*01\_C275G

572 sequences assigned  
440 (76.9%) exact matches, in which:  
337 unique CDR3  
4 unique J



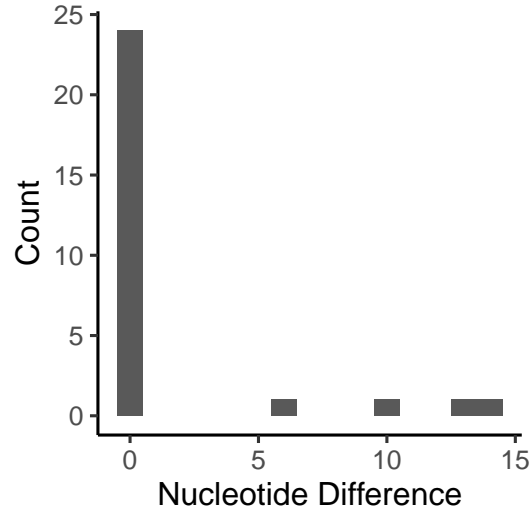
### IGLV1-47\*01

362 sequences assigned  
291 (80.4%) exact matches, in which:  
216 unique CDR3  
5 unique J



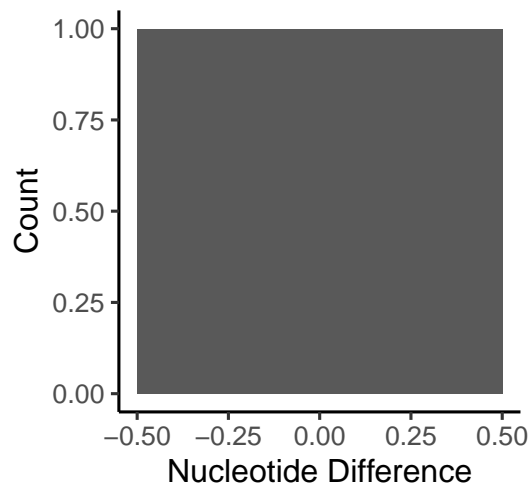
### IGLV1-36\*01

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



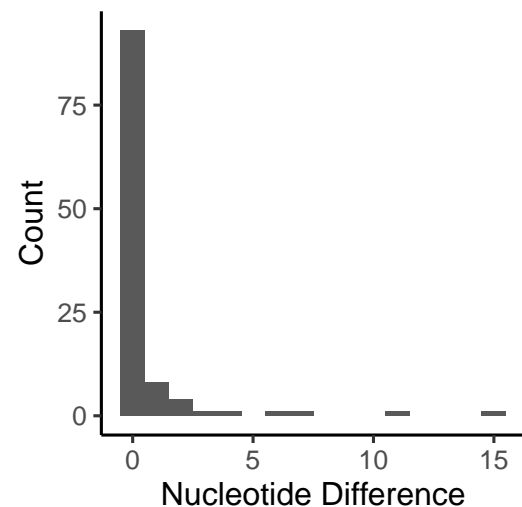
### IGLV1-41\*01

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



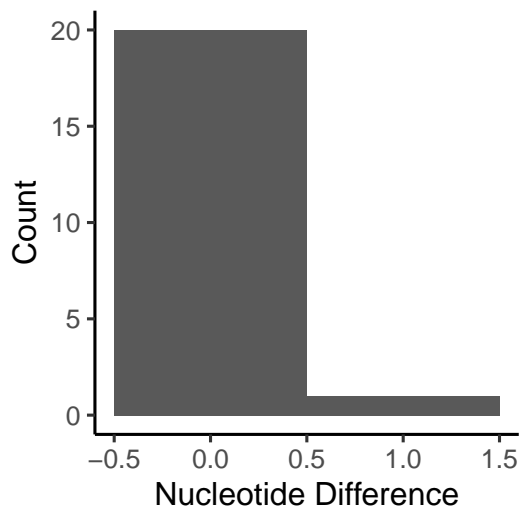
### IGLV1-51\*01

111 sequences assigned  
93 (83.8%) exact matches, in which:  
64 unique CDR3  
3 unique J



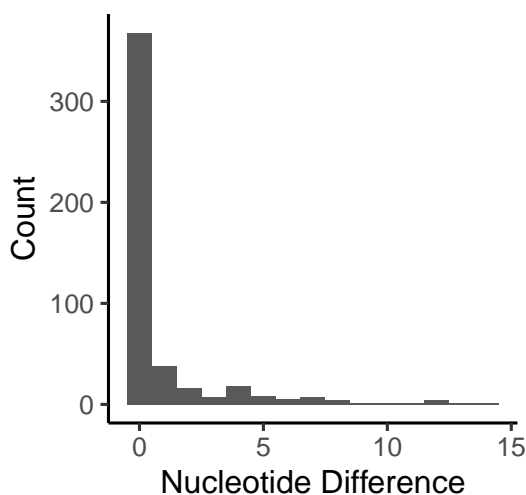
### IGLV1-51\*02

21 sequences assigned  
20 (95.2%) exact matches, in which:  
19 unique CDR3  
3 unique J



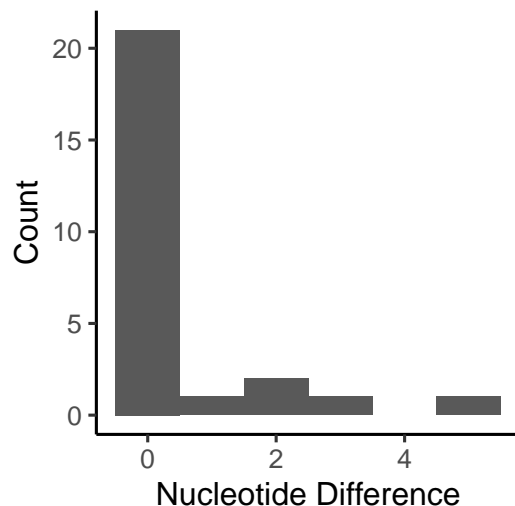
### IGLV2-11\*01

480 sequences assigned  
368 (76.7%) exact matches, in which:  
305 unique CDR3  
3 unique J



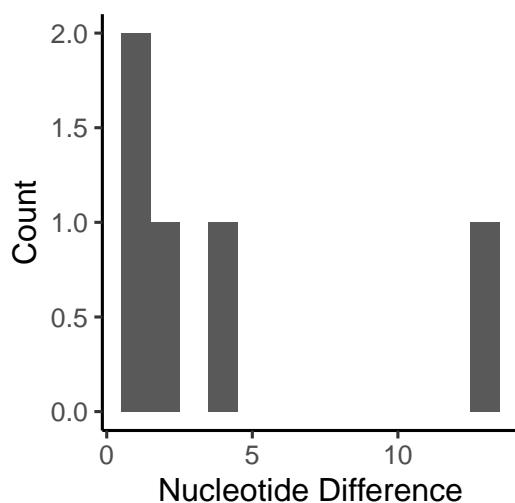
### IGLV2-18\*02

26 sequences assigned  
21 (80.8%) exact matches, in which:  
17 unique CDR3  
3 unique J



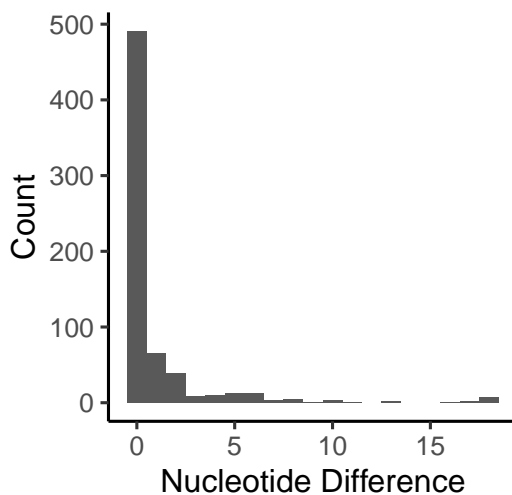
### IGLV2-5\*01

5 sequences assigned  
No exact matches.



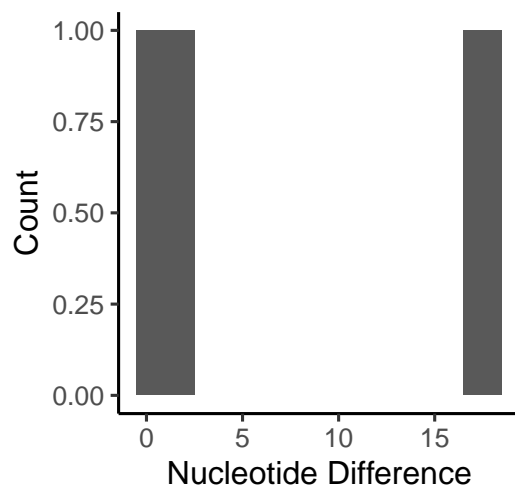
### IGLV2-14\*01

666 sequences assigned  
491 (73.7%) exact matches, in which:  
393 unique CDR3  
3 unique J



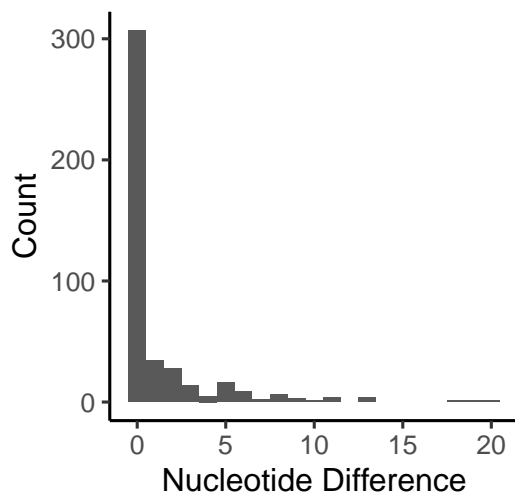
### IGLV2-18\*02\_G168T

5 sequences assigned  
1 (20%) exact matches, in which:  
1 unique CDR3  
1 unique J



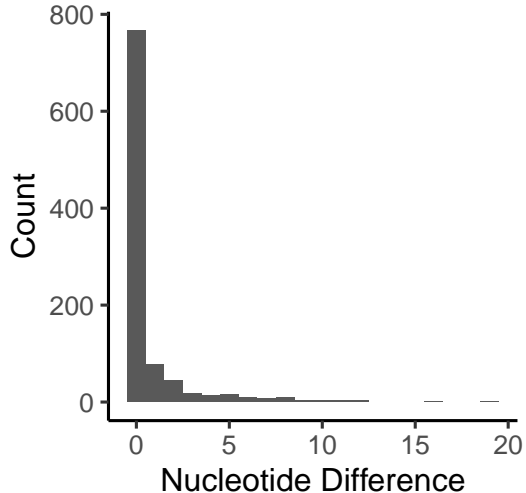
### IGLV2-8\*01

438 sequences assigned  
307 (70.1%) exact matches, in which:  
241 unique CDR3  
3 unique J



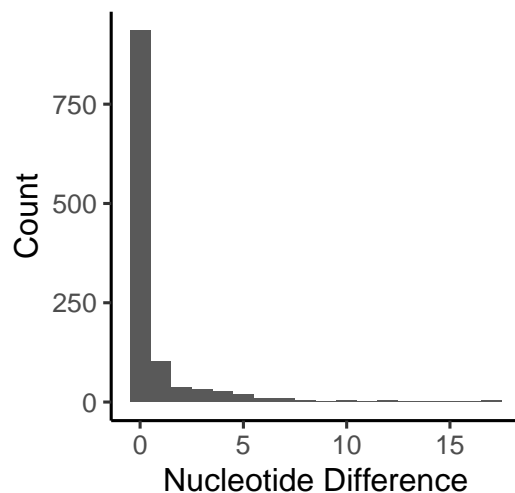
### IGLV2-14\*04EXT3

976 sequences assigned  
767 (78.6%) exact matches, in which:  
583 unique CDR3  
3 unique J



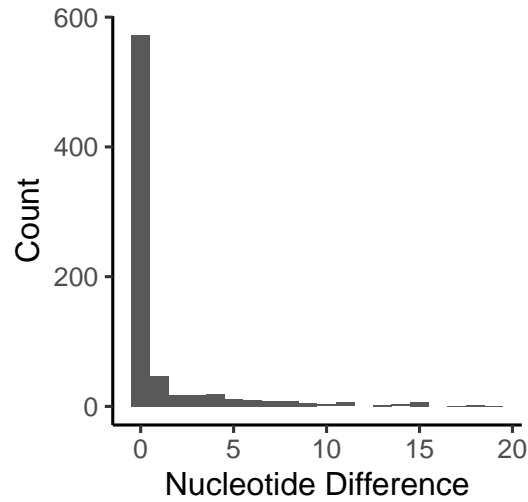
### IGLV2-23\*01

1204 sequences assigned  
936 (77.7%) exact matches, in which:  
703 unique CDR3  
3 unique J



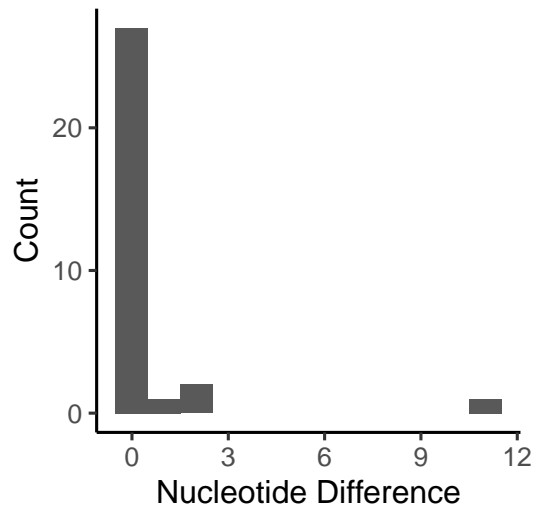
### IGLV3-1\*01

740 sequences assigned  
573 (77.4%) exact matches, in which:  
419 unique CDR3  
3 unique J



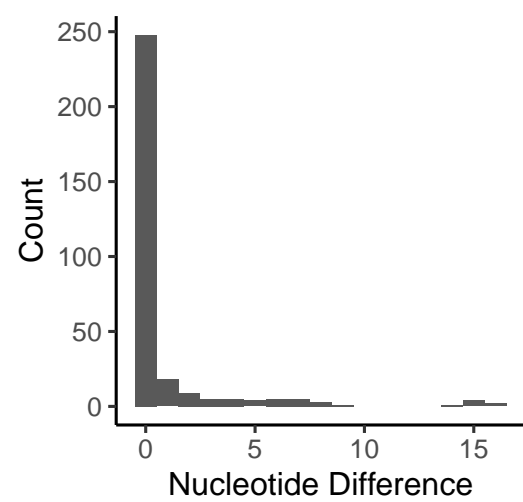
### IGLV3-16\*01

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



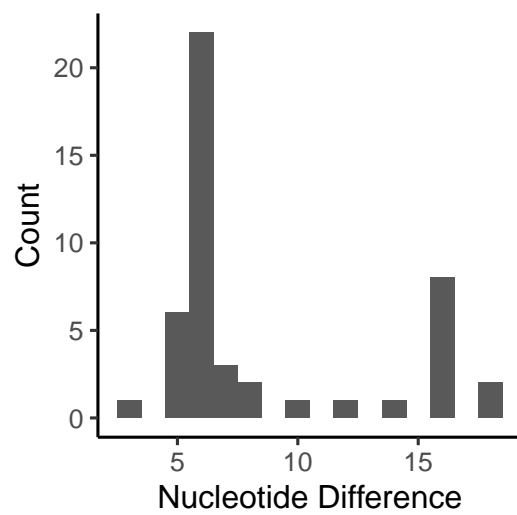
### IGLV3-21\*03

311 sequences assigned  
248 (79.7%) exact matches, in which:  
211 unique CDR3  
3 unique J



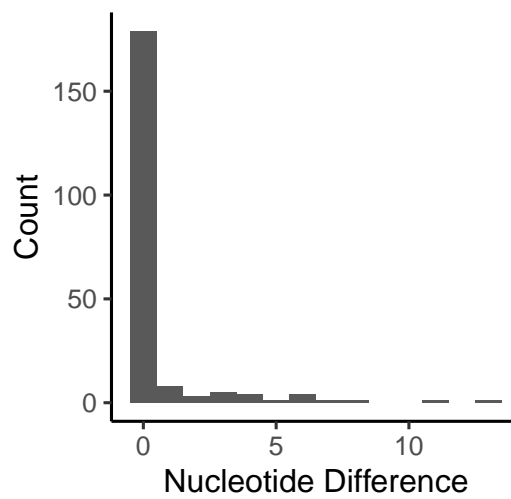
### IGLV3-9\*02

49 sequences assigned  
No exact matches.



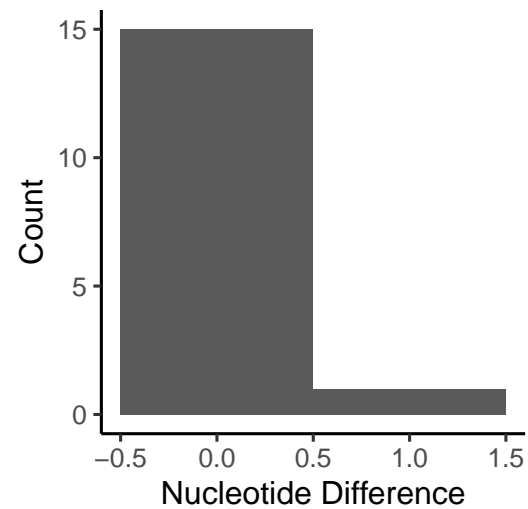
### IGLV3-19\*01

210 sequences assigned  
179 (85.2%) exact matches, in which:  
146 unique CDR3  
4 unique J



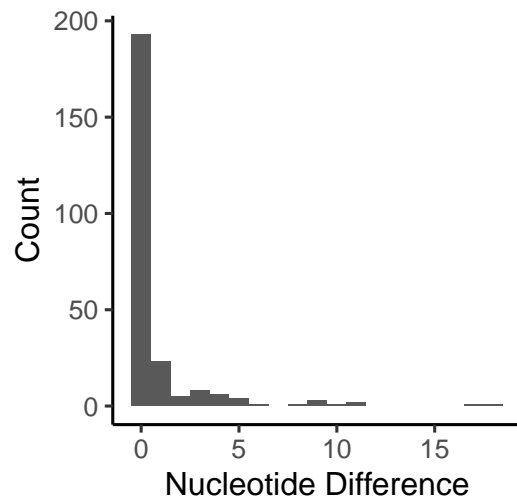
### IGLV3-22\*01

16 sequences assigned  
15 (93.8%) exact matches, in which:  
15 unique CDR3  
3 unique J



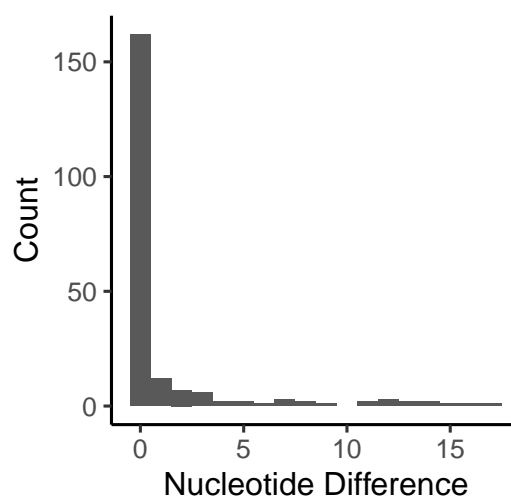
### IGLV3-10\*01

250 sequences assigned  
193 (77.2%) exact matches, in which:  
161 unique CDR3  
4 unique J



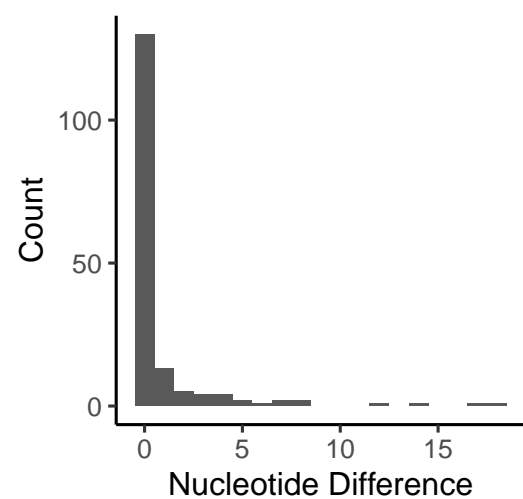
### IGLV3-21\*02

213 sequences assigned  
162 (76.1%) exact matches, in which:  
138 unique CDR3  
4 unique J



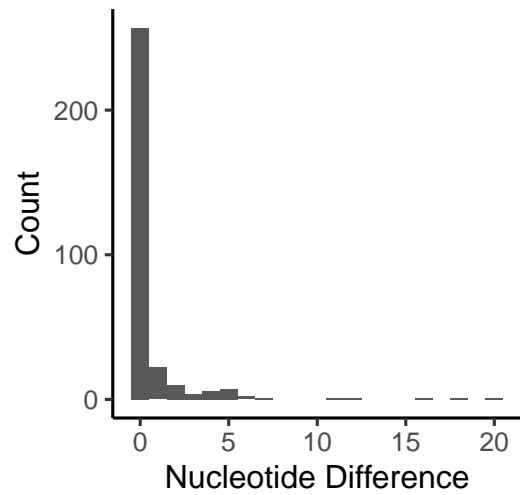
### IGLV3-25\*02

167 sequences assigned  
130 (77.8%) exact matches, in which:  
110 unique CDR3  
3 unique J



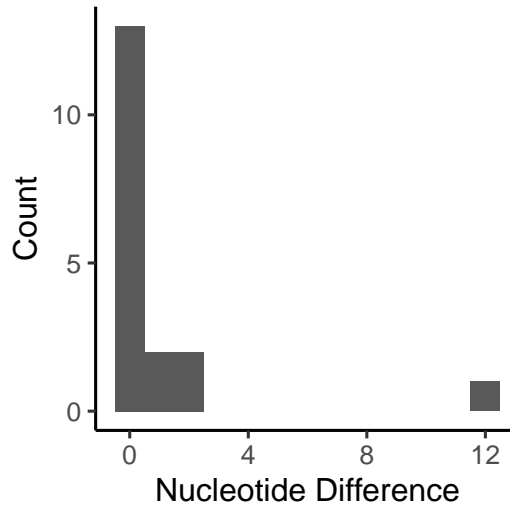
### IGLV3–25\*03

316 sequences assigned  
257 (81.3%) exact matches, in which:  
197 unique CDR3  
3 unique J



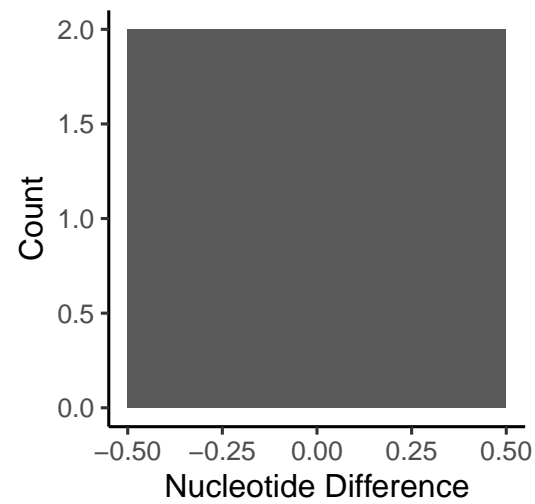
### IGLV4–60\*02\_T287C

18 sequences assigned  
13 (72.2%) exact matches, in which:  
13 unique CDR3  
2 unique J



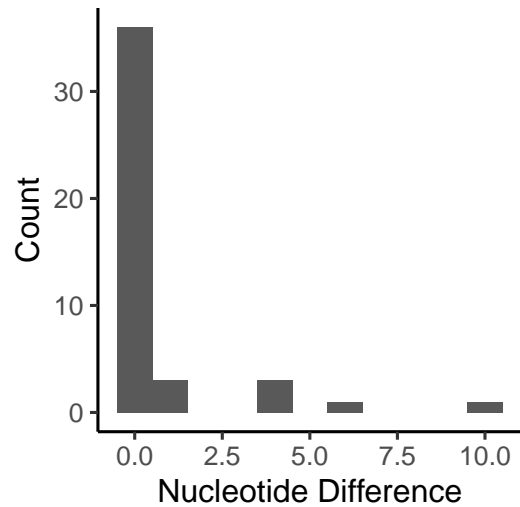
### IGLV5–39\*01

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



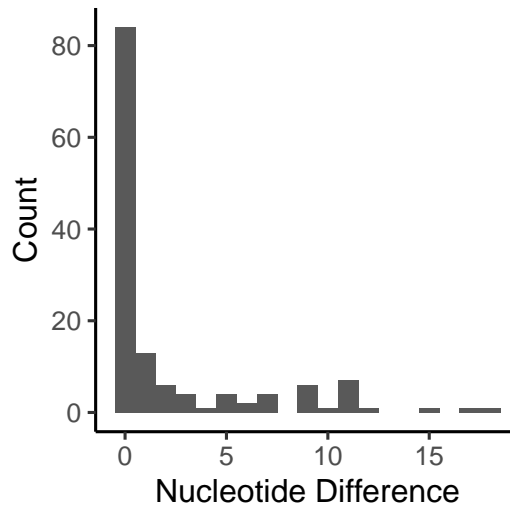
### IGLV3–27\*01

44 sequences assigned  
36 (81.8%) exact matches, in which:  
35 unique CDR3  
3 unique J



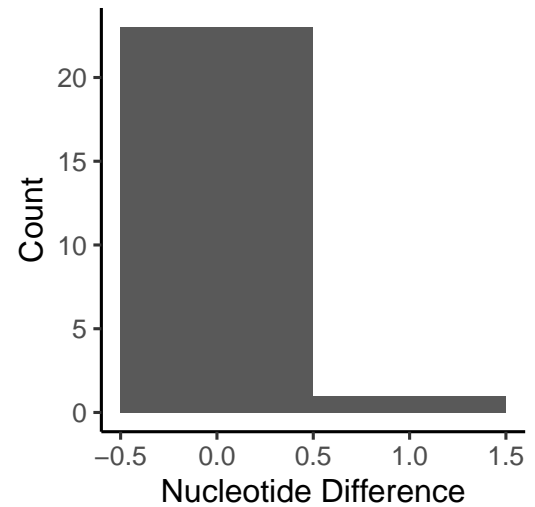
### IGLV4–69\*01

138 sequences assigned  
84 (60.9%) exact matches, in which:  
68 unique CDR3  
4 unique J



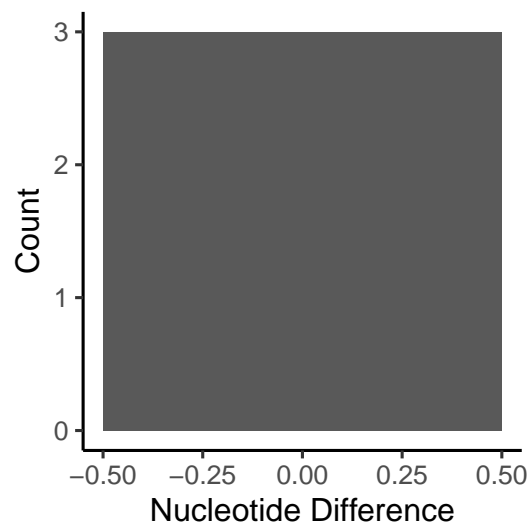
### IGLV5–45\*01

24 sequences assigned  
23 (95.8%) exact matches, in which:  
19 unique CDR3  
3 unique J



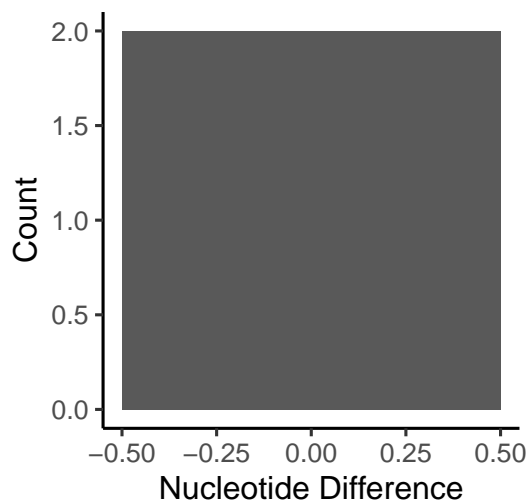
### IGLV4–3\*01

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



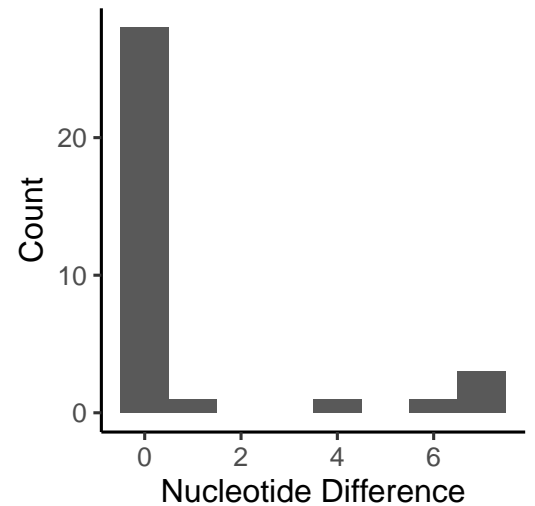
### IGLV5–37\*01

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



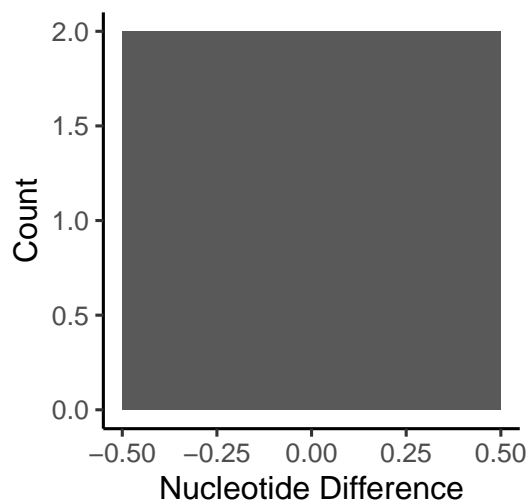
### IGLV5–45\*02

34 sequences assigned  
28 (82.4%) exact matches, in which:  
21 unique CDR3  
3 unique J



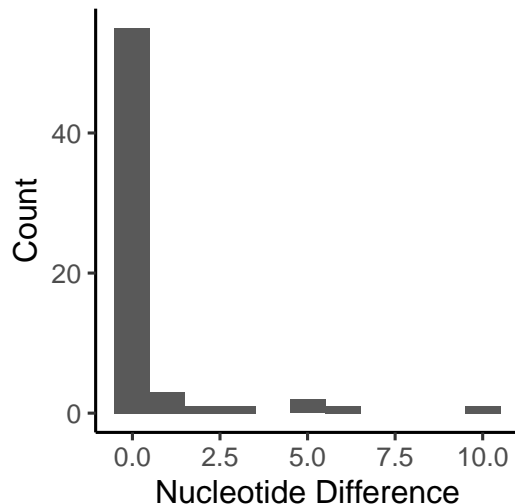
### IGLV5-48\*01

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



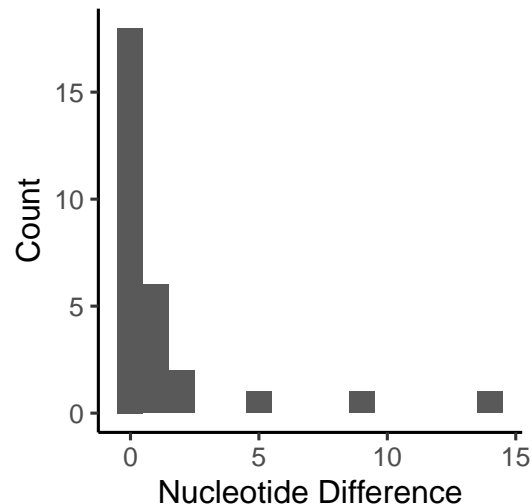
### IGLV6-57\*03

64 sequences assigned  
55 (85.9%) exact matches, in which:  
48 unique CDR3  
3 unique J



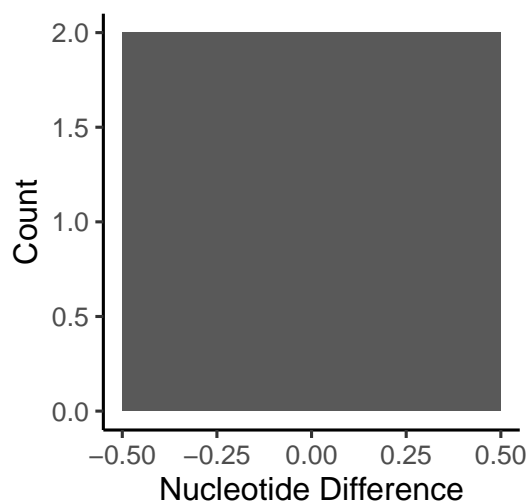
### IGLV8-61\*01

30 sequences assigned  
18 (60%) exact matches, in which:  
18 unique CDR3  
3 unique J



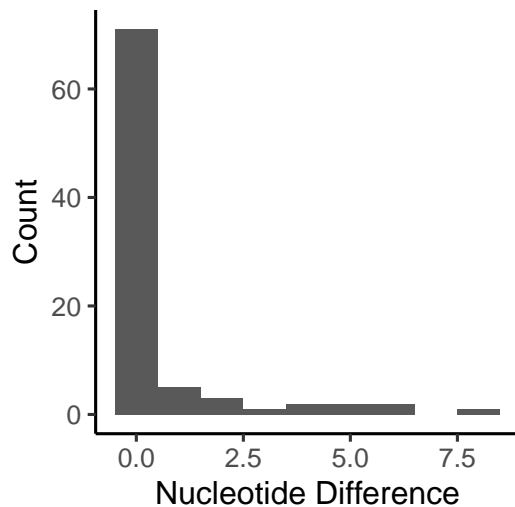
### IGLV5-52\*01

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



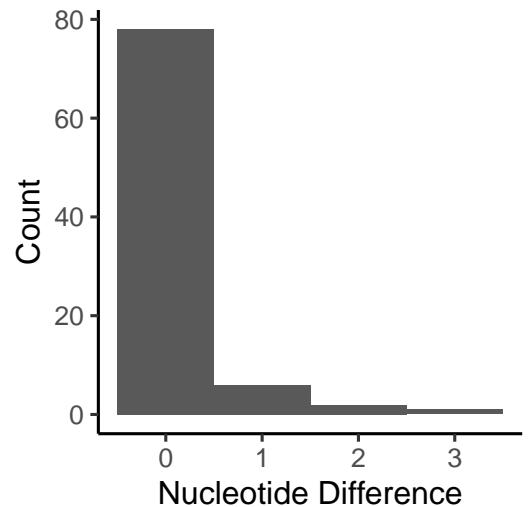
### IGLV7-43\*01

88 sequences assigned  
71 (80.7%) exact matches, in which:  
64 unique CDR3  
3 unique J



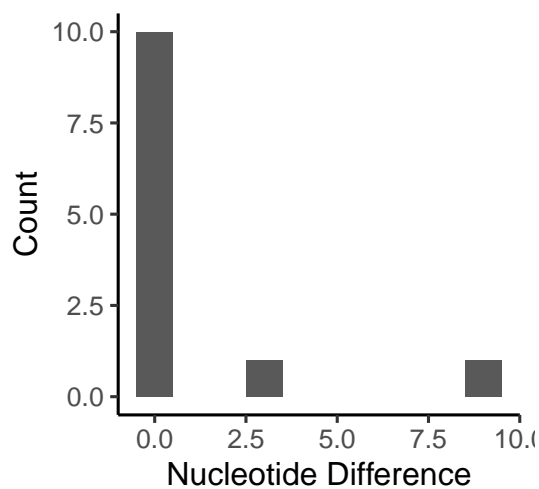
### IGLV9-49\*01

87 sequences assigned  
78 (89.7%) exact matches, in which:  
63 unique CDR3  
4 unique J



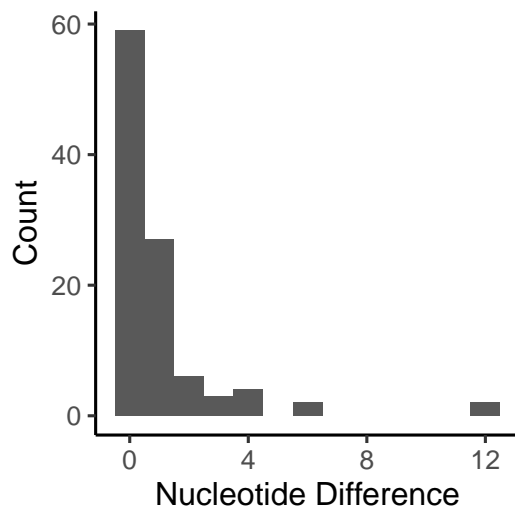
### IGLV6-57\*02

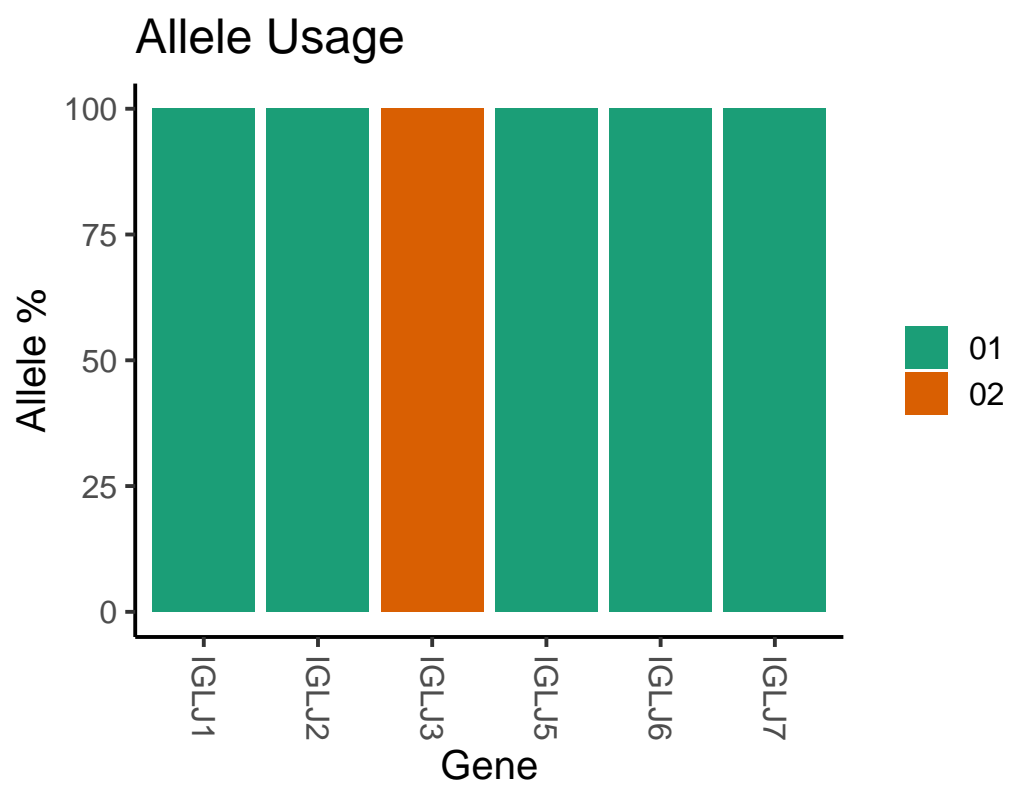
12 sequences assigned  
10 (83.3%) exact matches, in which:  
10 unique CDR3  
2 unique J



### IGLV7-46\*01

103 sequences assigned  
59 (57.3%) exact matches, in which:  
56 unique CDR3  
3 unique J





Warning – no inferred sequences found.