

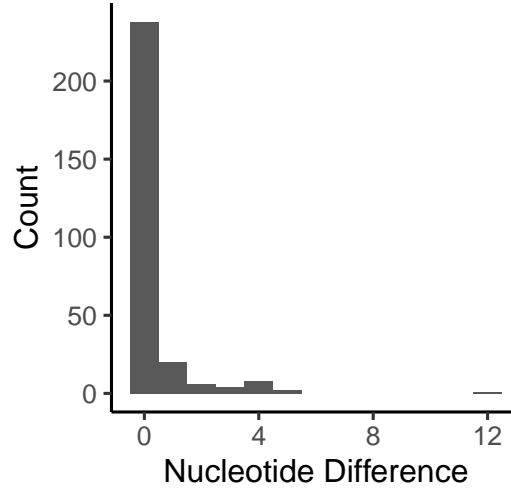
### IGKV1/OR10-1\*01

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



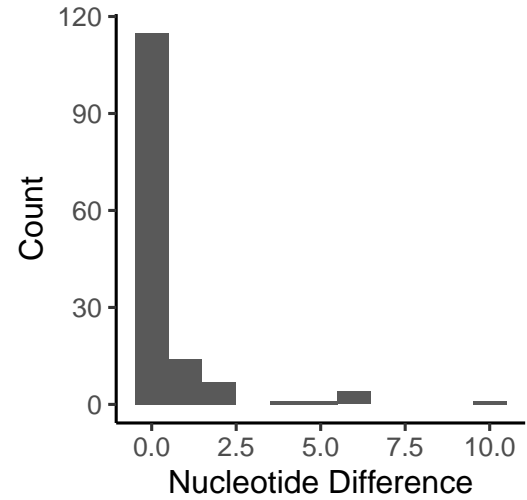
### IGKV1-8\*01

279 sequences assigned  
238 (85.3%) exact matches, in which:  
141 unique CDR3  
5 unique J



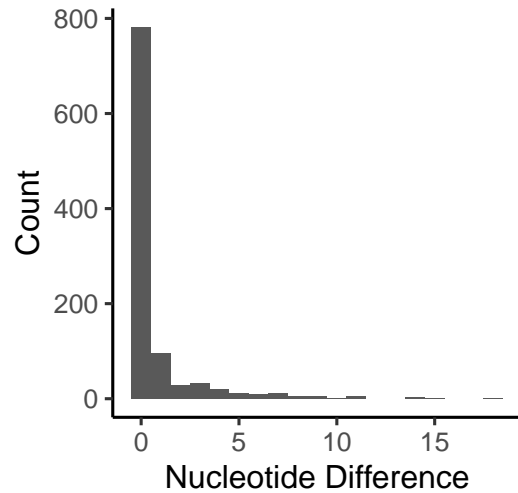
### IGKV1-17\*01

143 sequences assigned  
115 (80.4%) exact matches, in which:  
72 unique CDR3  
5 unique J



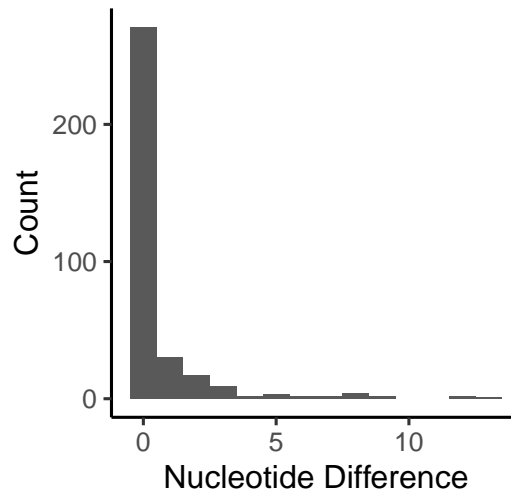
### IGKV1-5\*03

1016 sequences assigned  
782 (77%) exact matches, in which:  
529 unique CDR3  
5 unique J



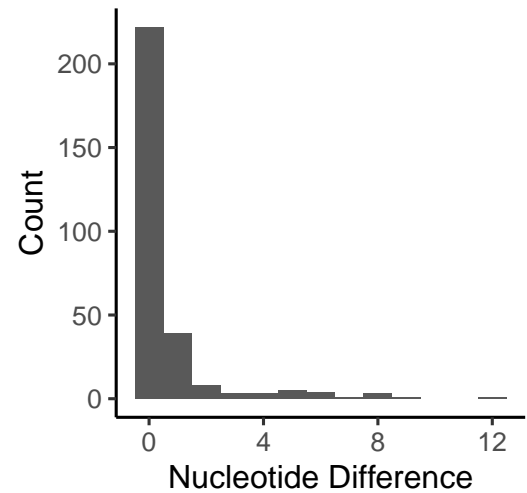
### IGKV1-9\*01

346 sequences assigned  
271 (78.3%) exact matches, in which:  
196 unique CDR3  
5 unique J



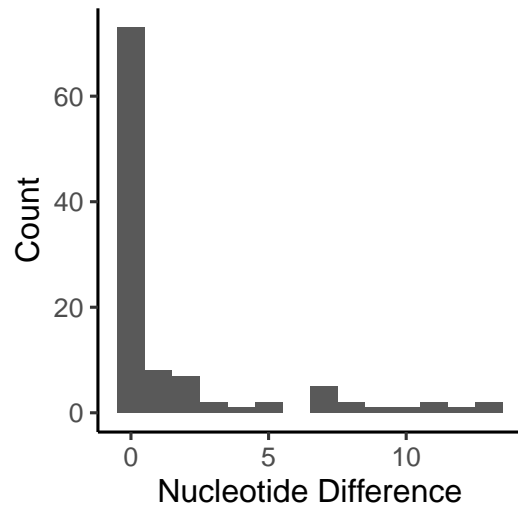
### IGKV1-27\*01

291 sequences assigned  
222 (76.3%) exact matches, in which:  
131 unique CDR3  
5 unique J



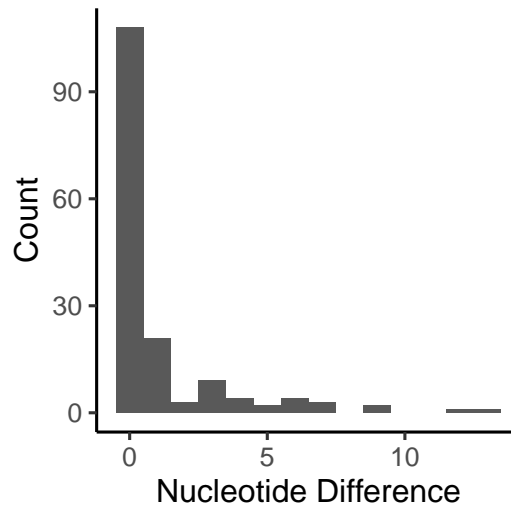
### IGKV1-6\*01

107 sequences assigned  
73 (68.2%) exact matches, in which:  
47 unique CDR3  
5 unique J



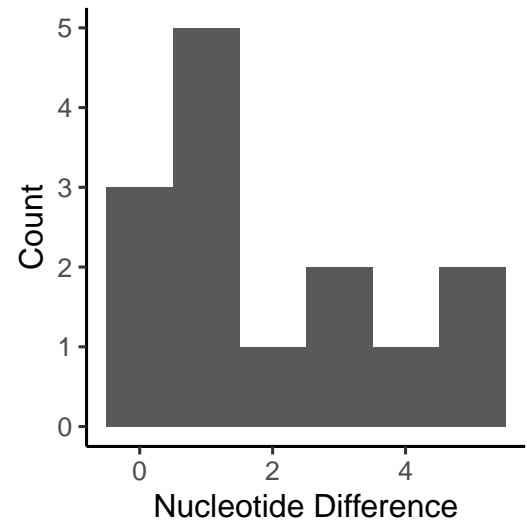
### IGKV1-16\*02

158 sequences assigned  
108 (68.4%) exact matches, in which:  
67 unique CDR3  
5 unique J



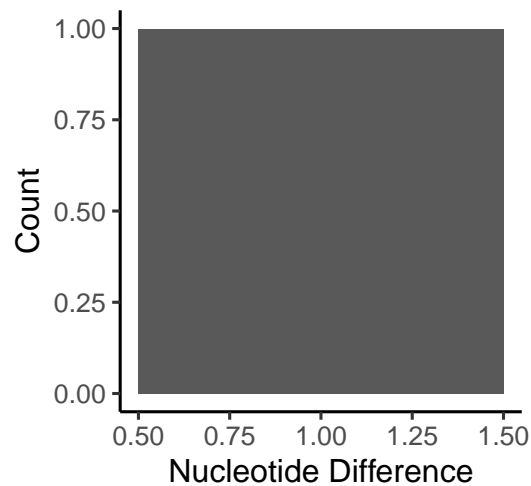
### IGKV2/OR22-4\*01

14 sequences assigned  
3 (21.4%) exact matches, in which:  
3 unique CDR3  
3 unique J



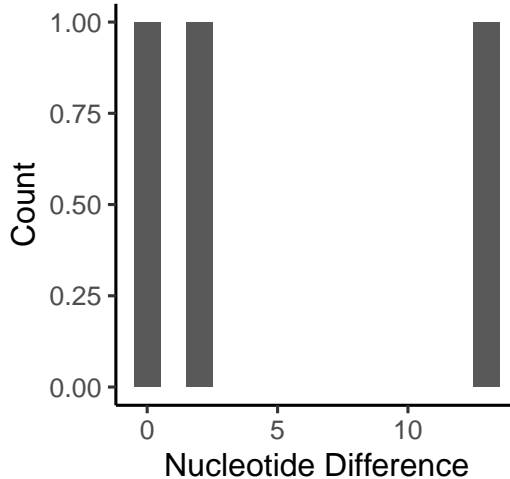
### IGKV1/OR22-5\*01

1 sequences assigned  
No exact matches.



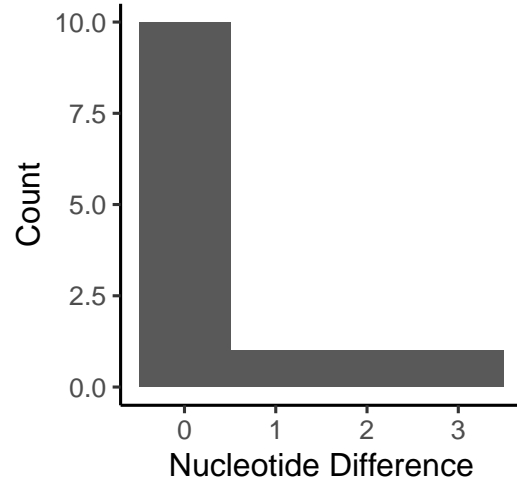
### IGKV2-29\*03

3 sequences assigned  
1 (33.3%) exact matches, in which:  
1 unique CDR3  
1 unique J



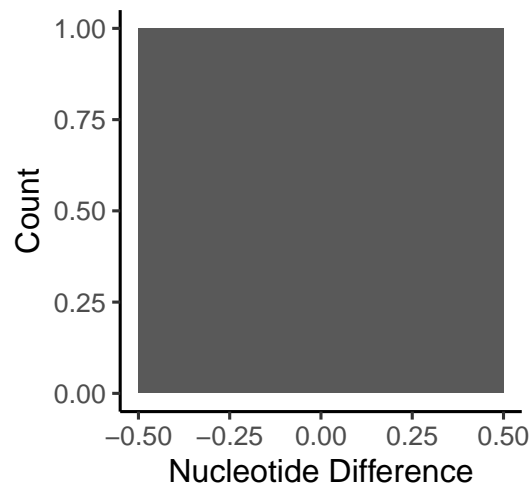
### IGKV3-7\*04

13 sequences assigned  
10 (76.9%) exact matches, in which:  
10 unique CDR3  
4 unique J



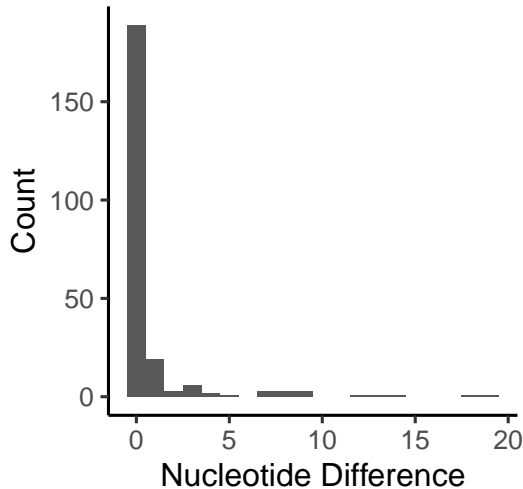
### IGKV2-18\*01

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



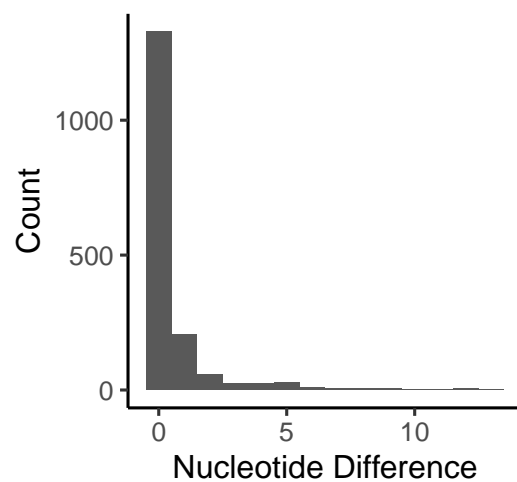
### IGKV2-30\*01

234 sequences assigned  
189 (80.8%) exact matches, in which:  
155 unique CDR3  
5 unique J



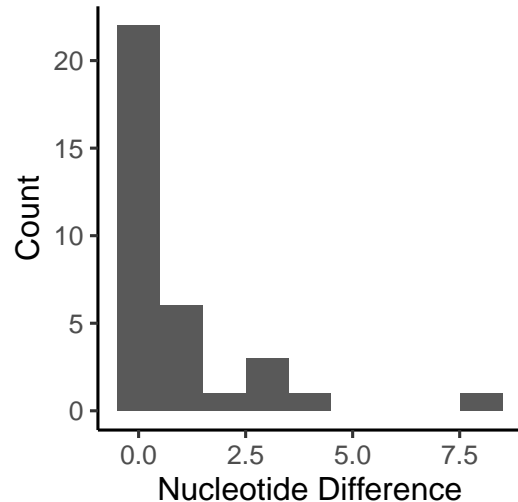
### IGKV3-11\*01

1706 sequences assigned  
1328 (77.8%) exact matches, in which:  
802 unique CDR3  
5 unique J



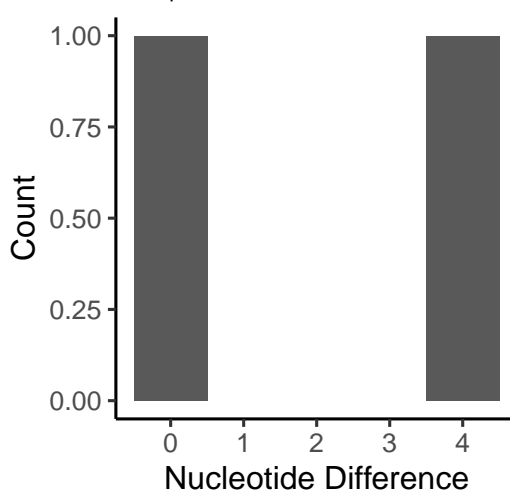
### IGKV2-24\*01

34 sequences assigned  
22 (64.7%) exact matches, in which:  
21 unique CDR3  
5 unique J



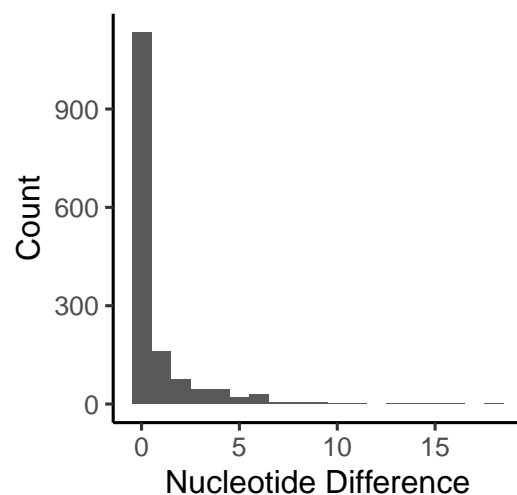
### IGKV1/OR2-108\*01

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



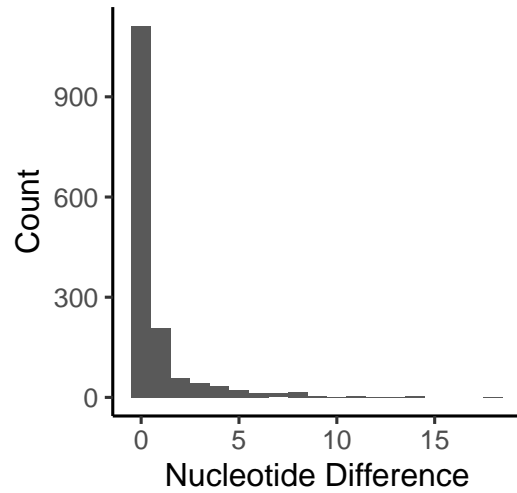
### IGKV3-15\*01

1534 sequences assigned  
1134 (73.9%) exact matches, in which:  
759 unique CDR3  
5 unique J



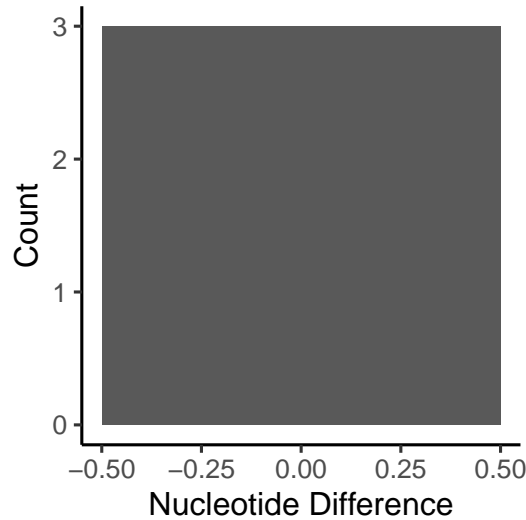
### IGKV3–20\*01

1538 sequences assigned  
1113 (72.4%) exact matches, in which:  
734 unique CDR3  
5 unique J



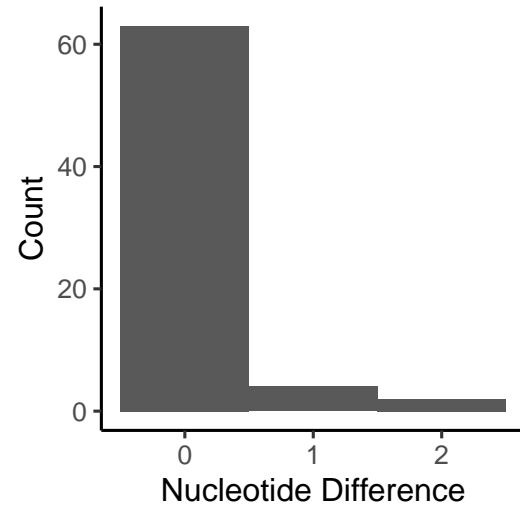
### IGKV7–3\*01

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



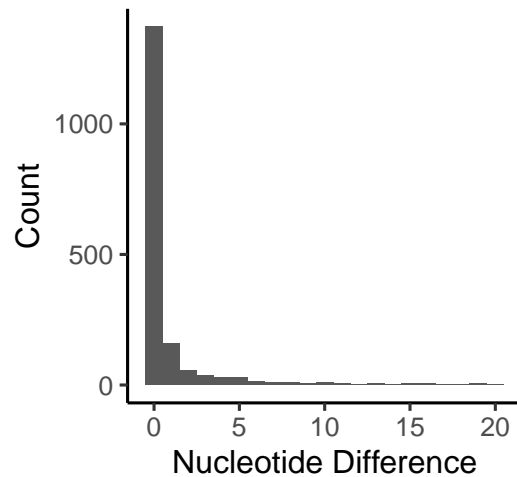
### IGKV1D–8\*02

69 sequences assigned  
63 (91.3%) exact matches, in which:  
45 unique CDR3  
5 unique J



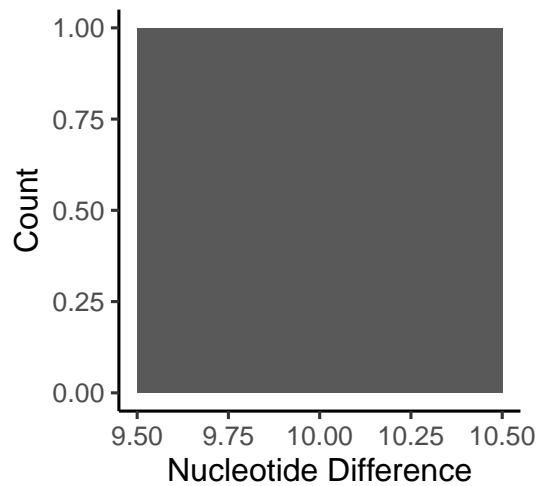
### IGKV4–1\*01

1771 sequences assigned  
1372 (77.5%) exact matches, in which:  
732 unique CDR3  
5 unique J



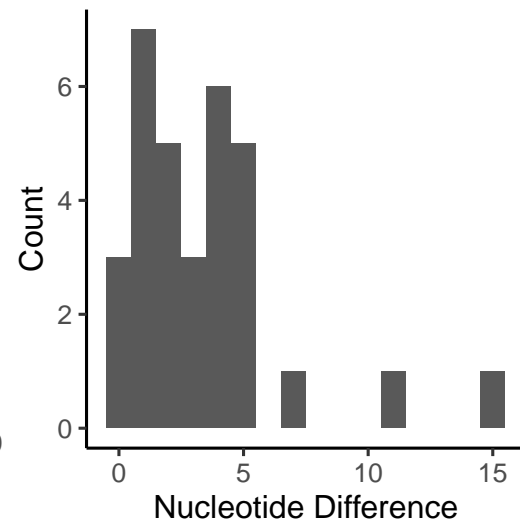
### IGKV3D–7\*01

1 sequences assigned  
No exact matches.



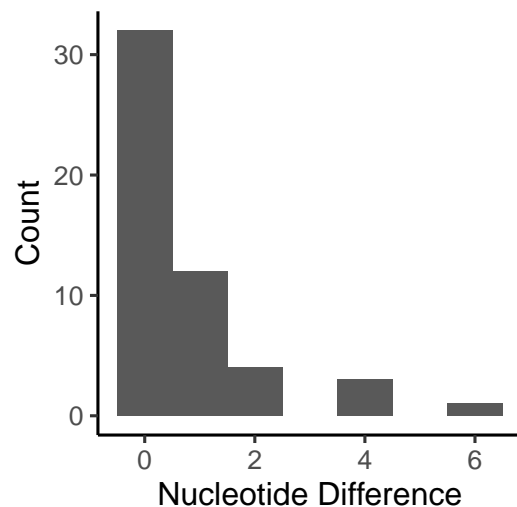
### IGKV3D–11\*02\_C247T

32 sequences assigned  
3 (9.4%) exact matches, in which:  
3 unique CDR3  
2 unique J



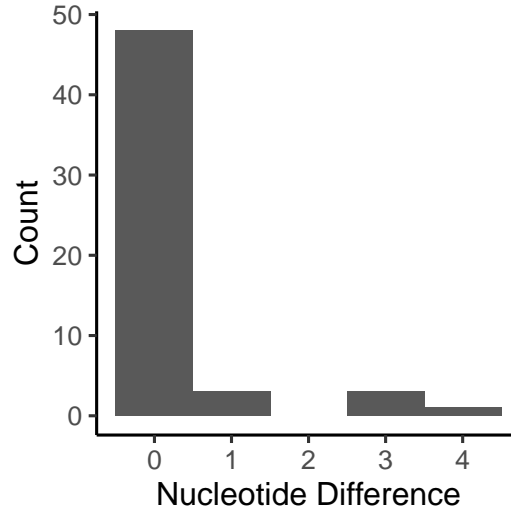
### IGKV5–2\*01

52 sequences assigned  
32 (61.5%) exact matches, in which:  
24 unique CDR3  
4 unique J



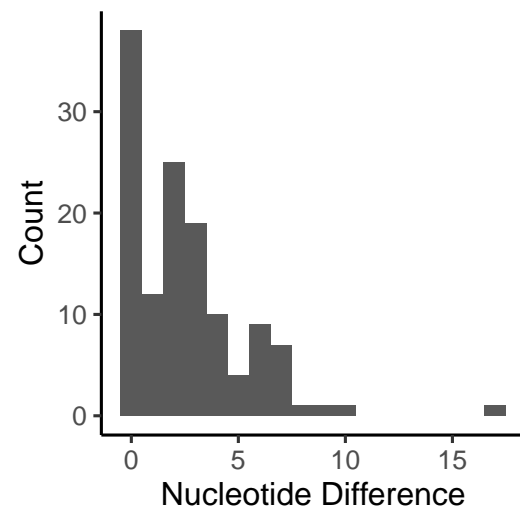
### IGKV1D–8\*01

55 sequences assigned  
48 (87.3%) exact matches, in which:  
37 unique CDR3  
5 unique J



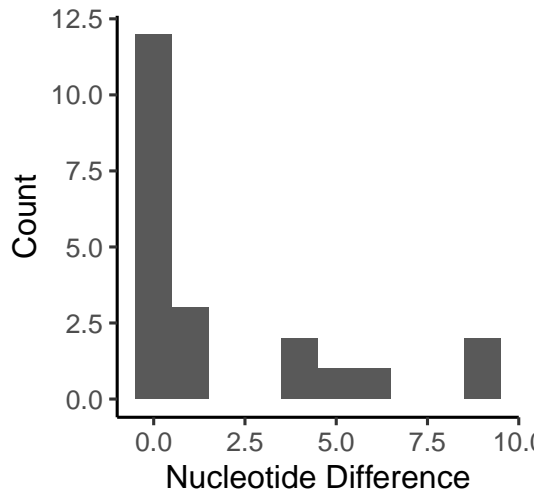
### IGKV3D–15\*01

129 sequences assigned  
38 (29.5%) exact matches, in which:  
36 unique CDR3  
5 unique J



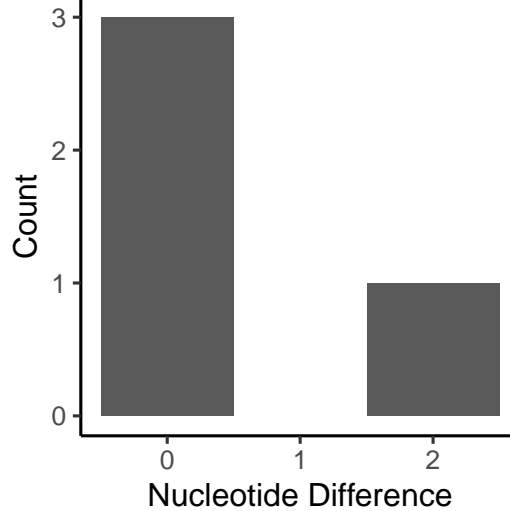
### IGKV1D-16\*01

21 sequences assigned  
12 (57.1%) exact matches, in which:  
11 unique CDR3  
4 unique J



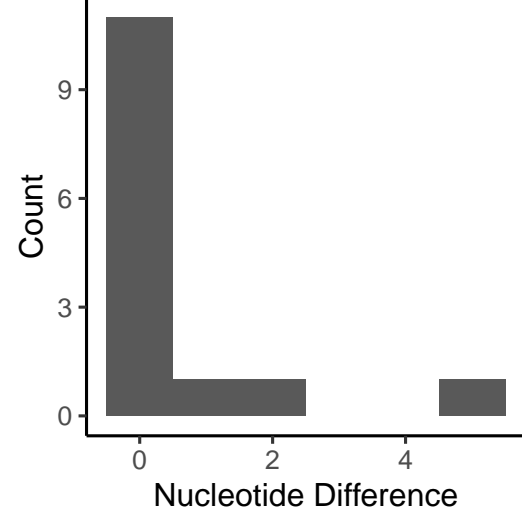
### IGKV2D-24\*01

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



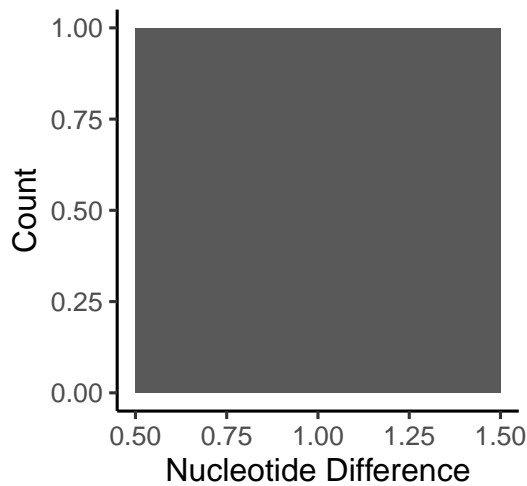
### IGKV2D-30\*01

14 sequences assigned  
11 (78.6%) exact matches, in which:  
11 unique CDR3  
5 unique J



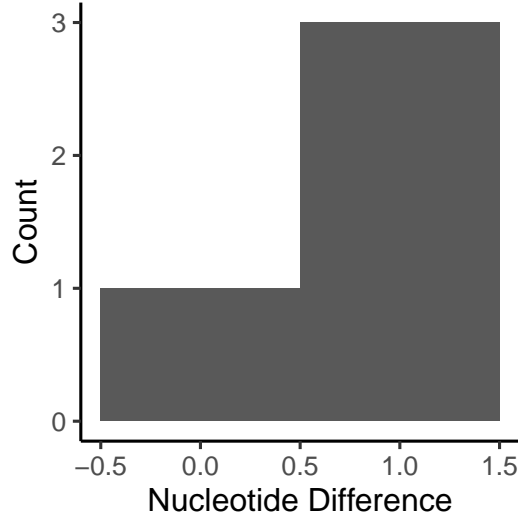
### IGKV1D-17\*01

1 sequences assigned  
No exact matches.



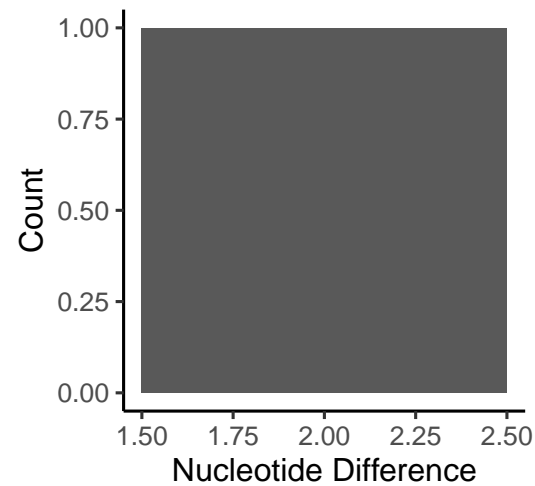
### IGKV2D-26\*03

4 sequences assigned  
1 (25%) exact matches, in which:  
1 unique CDR3  
1 unique J



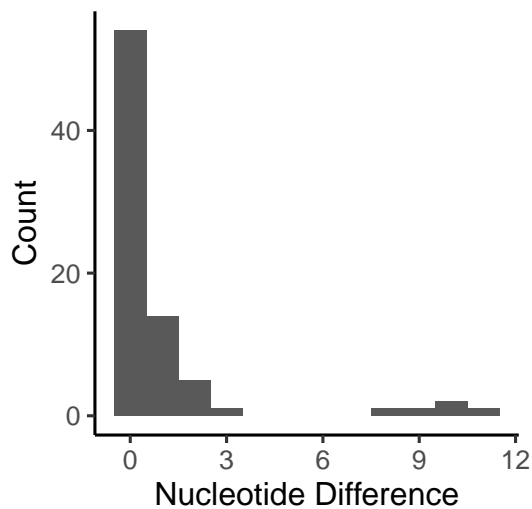
### IGKV6D-41\*01

1 sequences assigned  
No exact matches.



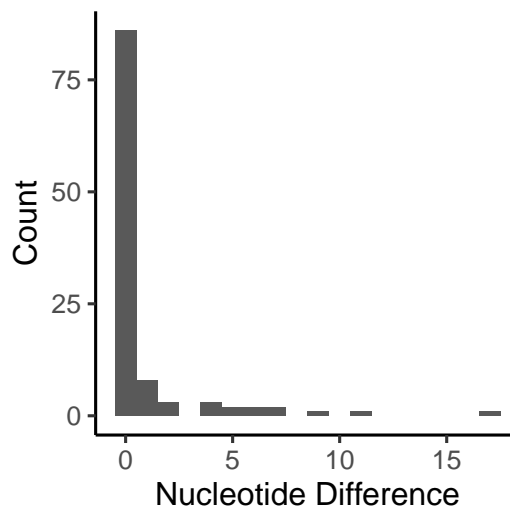
### IGKV3D-20\*01

79 sequences assigned  
54 (68.4%) exact matches, in which:  
49 unique CDR3  
5 unique J



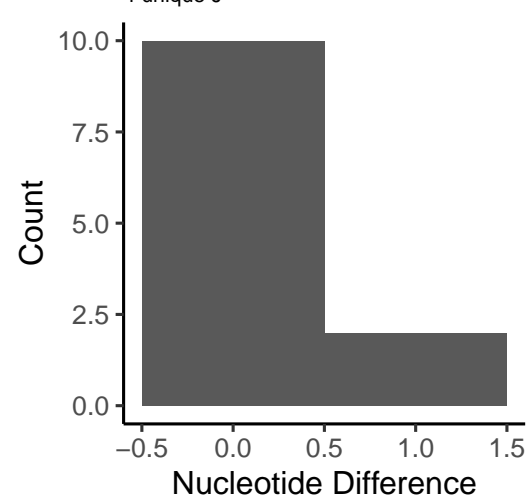
### IGKV2D-29\*01

110 sequences assigned  
86 (78.2%) exact matches, in which:  
58 unique CDR3  
5 unique J



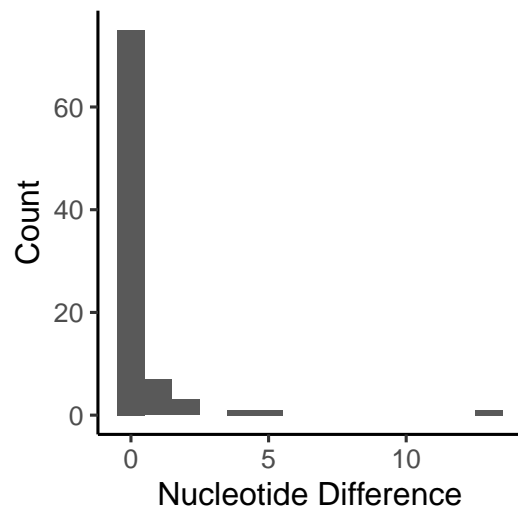
### IGKV1D-43\*01

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



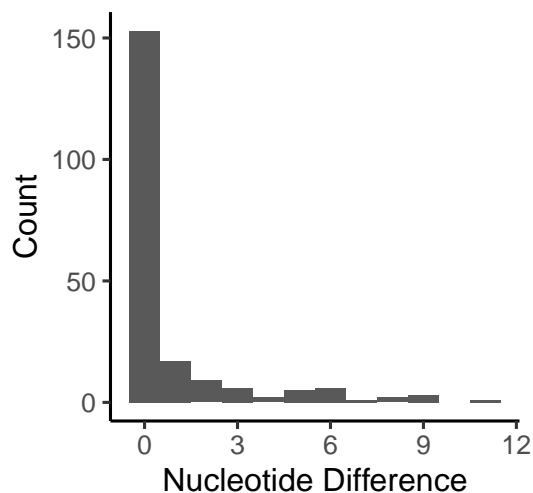
### IGKV1E-12\*01

88 sequences assigned  
75 (85.2%) exact matches, in which:  
46 unique CDR3  
5 unique J



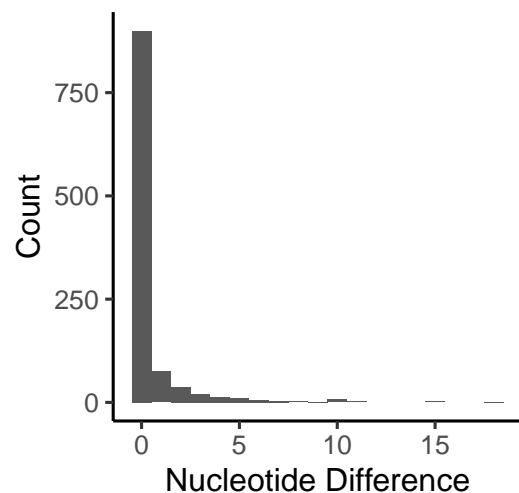
### IGKV1E-13\*02

205 sequences assigned  
153 (74.6%) exact matches, in which:  
111 unique CDR3  
5 unique J



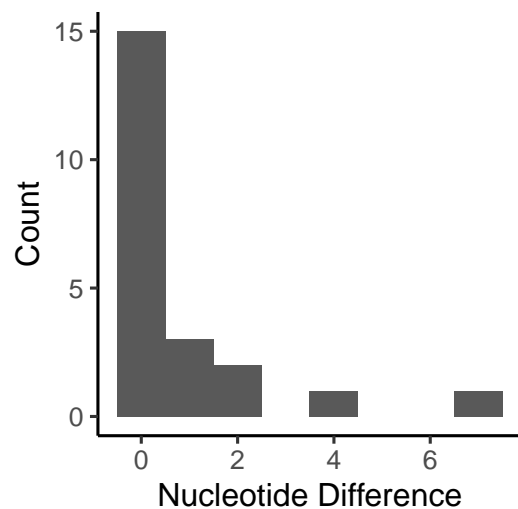
### IGKV2E-28\*01

1079 sequences assigned  
900 (83.4%) exact matches, in which:  
569 unique CDR3  
5 unique J



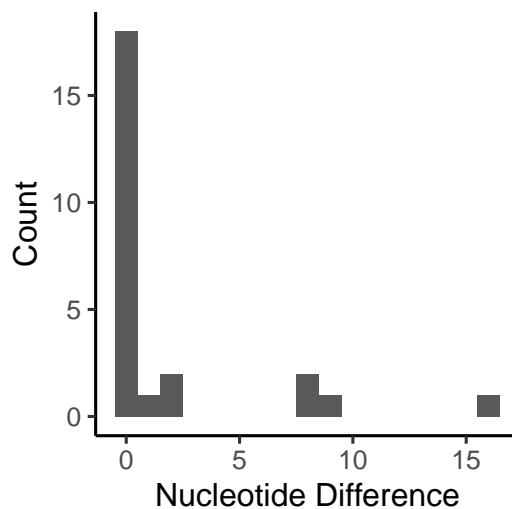
### IGKV1E-12\*02

22 sequences assigned  
15 (68.2%) exact matches, in which:  
8 unique CDR3  
5 unique J



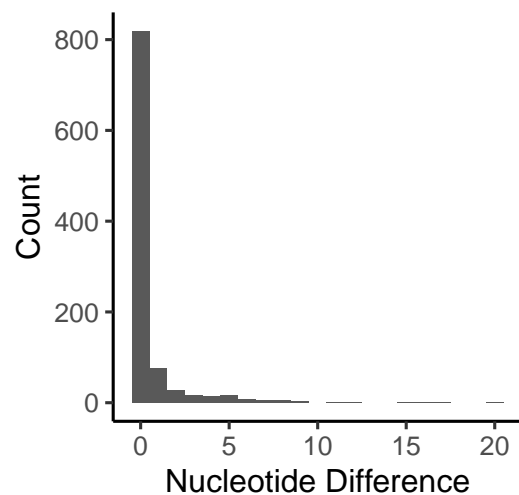
### IGKV6E-21\*01

25 sequences assigned  
18 (72%) exact matches, in which:  
16 unique CDR3  
5 unique J



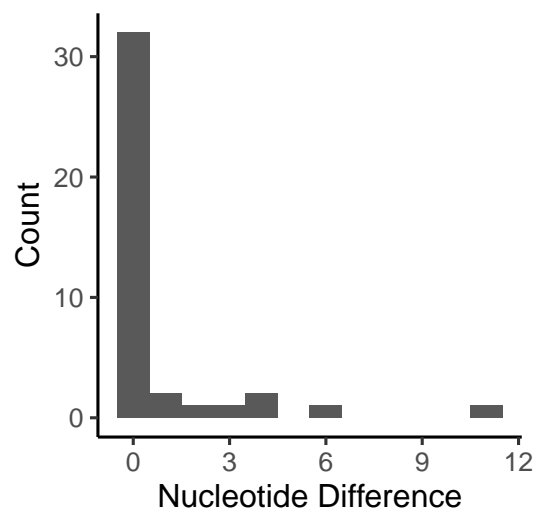
### IGKV1E-33\*01

1003 sequences assigned  
819 (81.7%) exact matches, in which:  
414 unique CDR3  
5 unique J



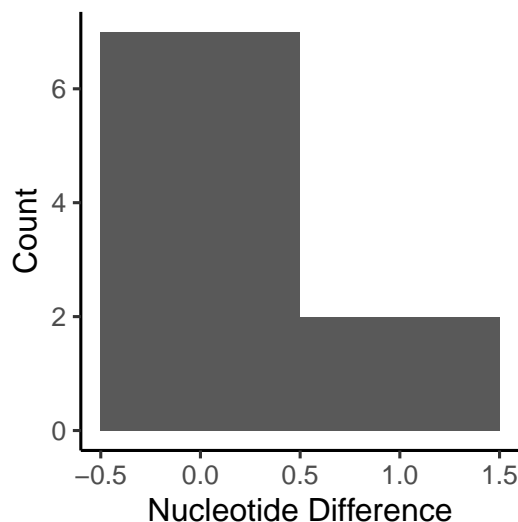
### IGKV1E-12\*03

40 sequences assigned  
32 (80%) exact matches, in which:  
24 unique CDR3  
4 unique J



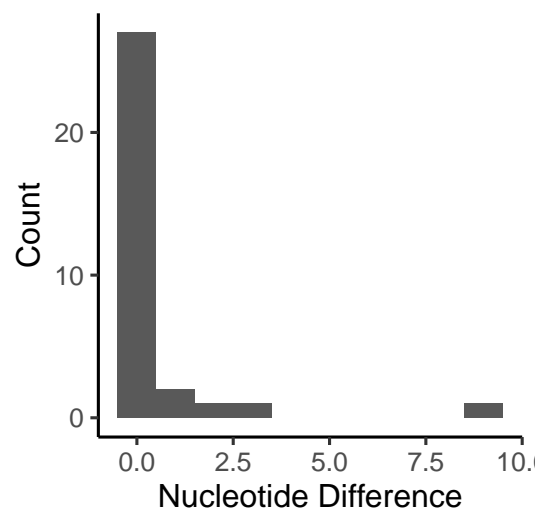
### IGKV6E-21\*03

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



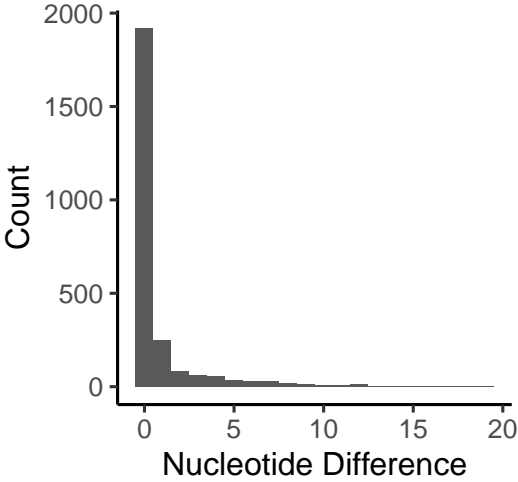
### IGKV1E-37\*01

32 sequences assigned  
27 (84.4%) exact matches, in which:  
26 unique CDR3  
5 unique J



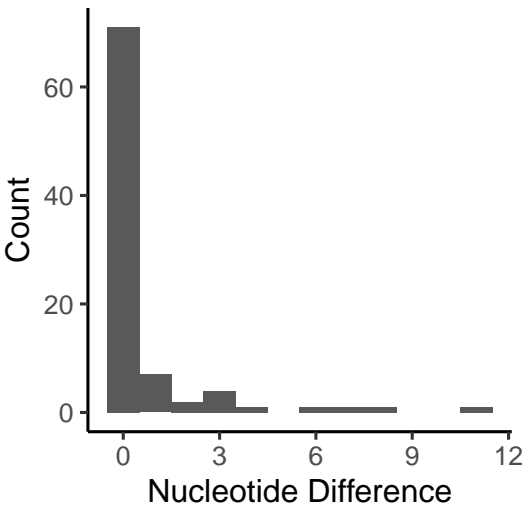
# IGKV1E-39\*01

2550 sequences assigned  
1918 (75.2%) exact matches, in which:  
967 unique CDR3  
5 unique J



# IGKV2E-40\*01

89 sequences assigned  
71 (79.8%) exact matches, in which:  
58 unique CDR3  
5 unique J





Warning – no inferred sequences found.