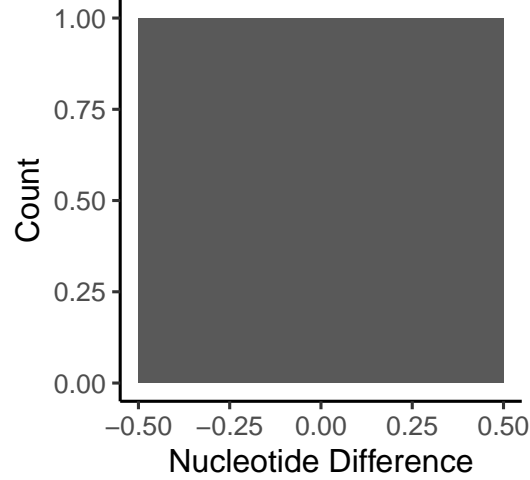


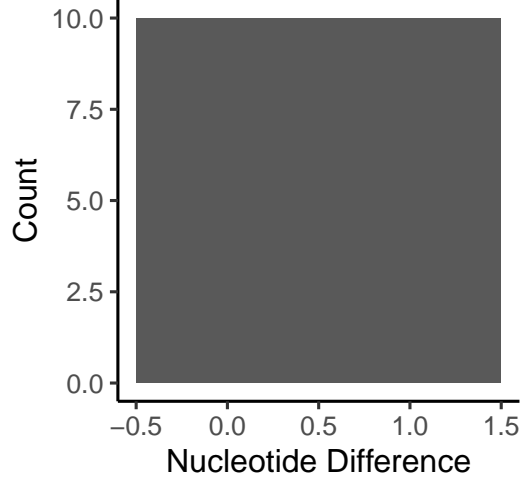
IGKV1/OR10-1*01

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



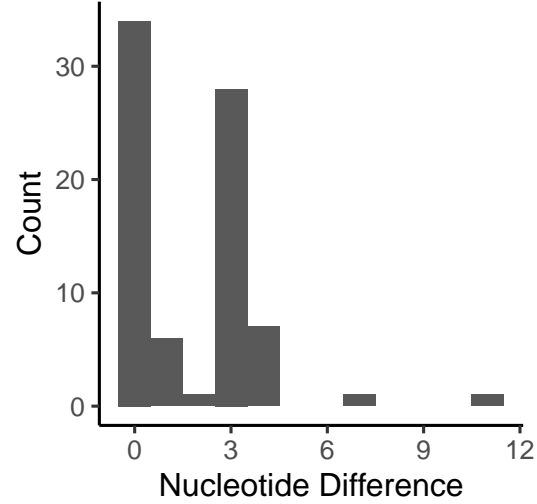
IGKV1-6*01

20 sequences assigned
10 (50%) exact matches, in which:
10 unique CDR3
3 unique J



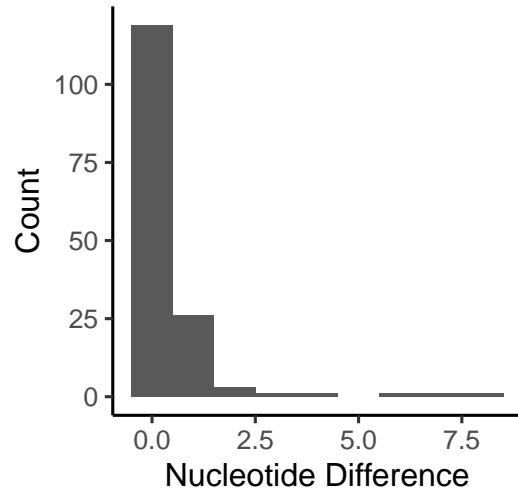
IGKV1-9*01

78 sequences assigned
34 (43.6%) exact matches, in which:
32 unique CDR3
5 unique J



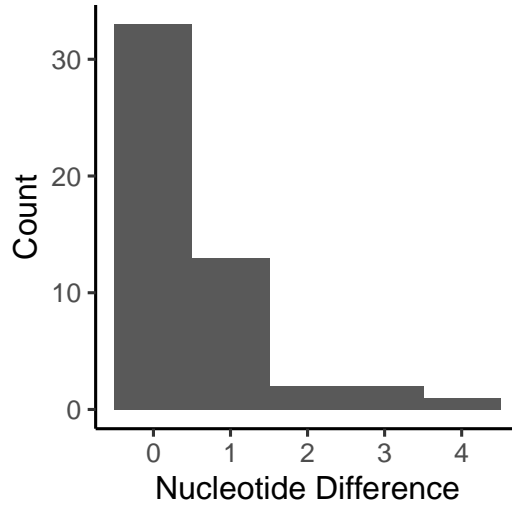
IGKV1-5*03

153 sequences assigned
119 (77.8%) exact matches, in which:
112 unique CDR3
5 unique J



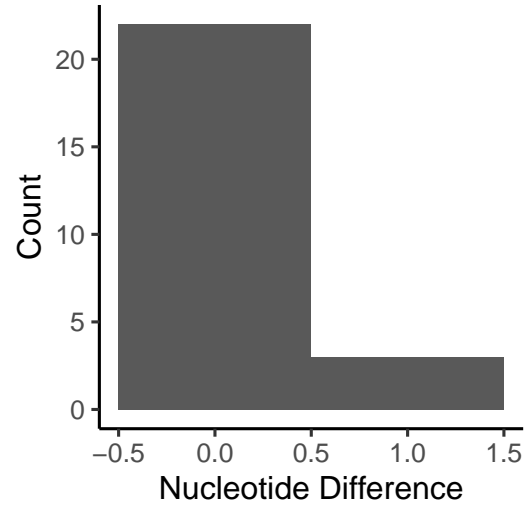
IGKV1-8*01

51 sequences assigned
33 (64.7%) exact matches, in which:
33 unique CDR3
5 unique J



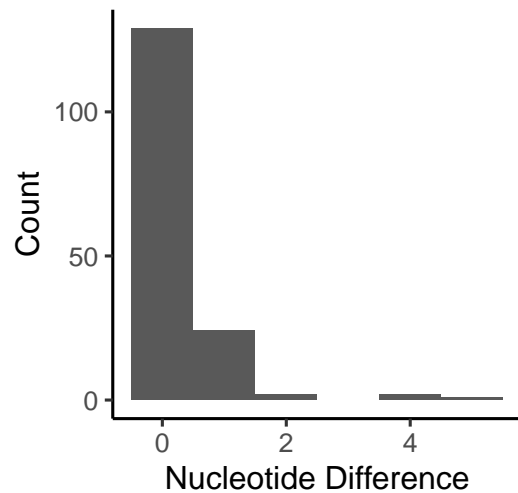
IGKV1-16*02

25 sequences assigned
22 (88%) exact matches, in which:
21 unique CDR3
5 unique J



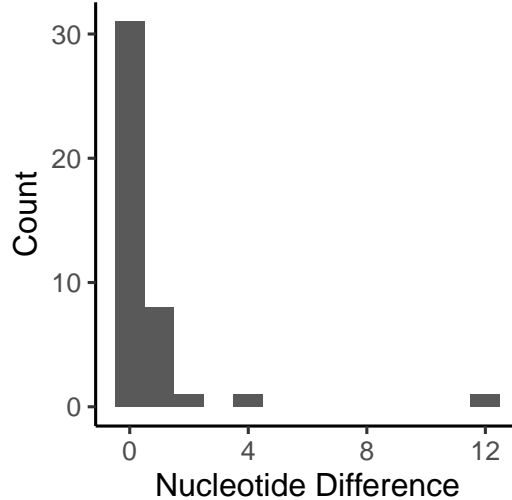
IGKV1-5*03_G171A

158 sequences assigned
129 (81.6%) exact matches, in which:
120 unique CDR3
5 unique J



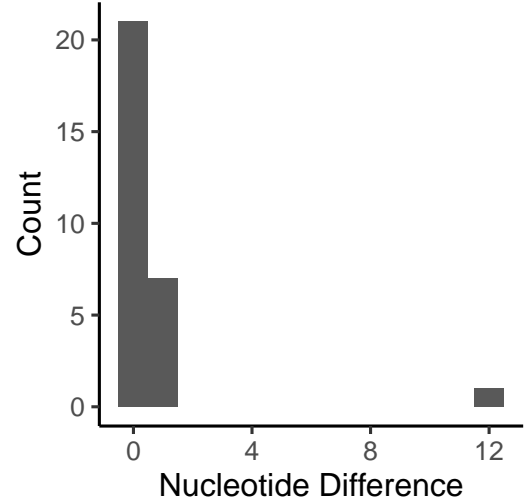
IGKV1-8*01_G12A_T31C

42 sequences assigned
31 (73.8%) exact matches, in which:
29 unique CDR3
5 unique J



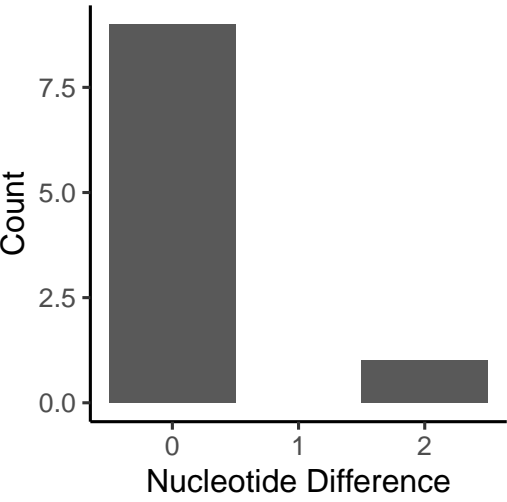
IGKV1-17*01

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



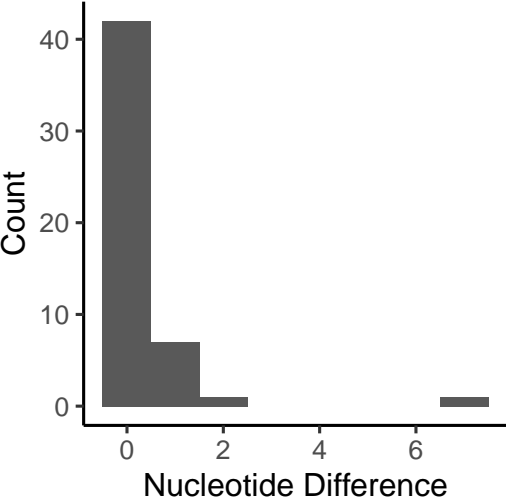
IGKV1-17*03

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



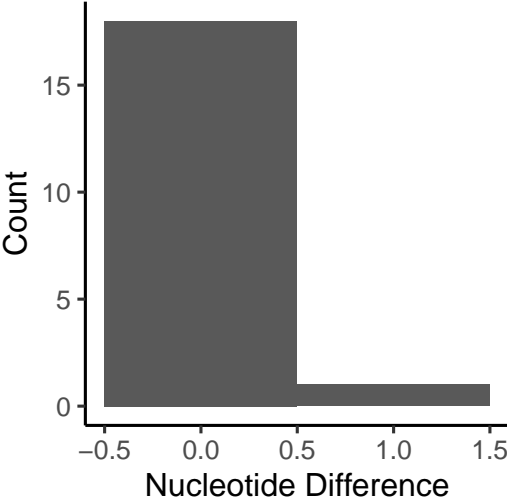
IGKV1-NL1*01

51 sequences assigned
42 (82.4%) exact matches, in which:
37 unique CDR3
5 unique J



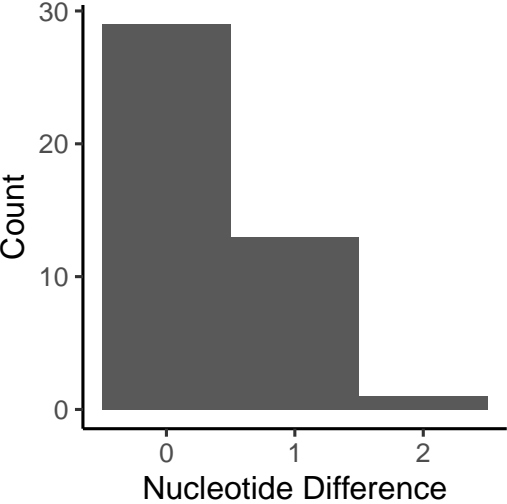
IGKV2-30*01

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



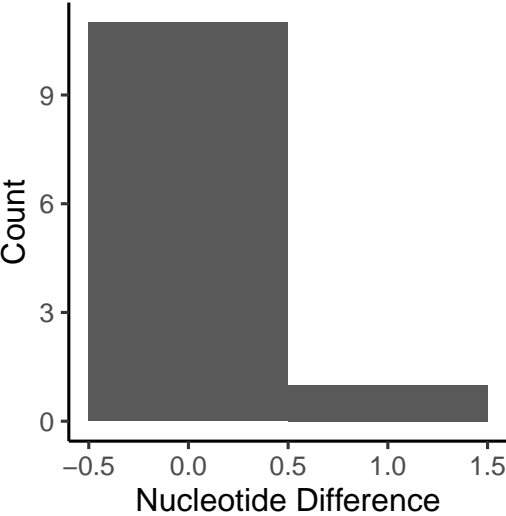
IGKV1-27*01

43 sequences assigned
29 (67.4%) exact matches, in which:
24 unique CDR3
5 unique J



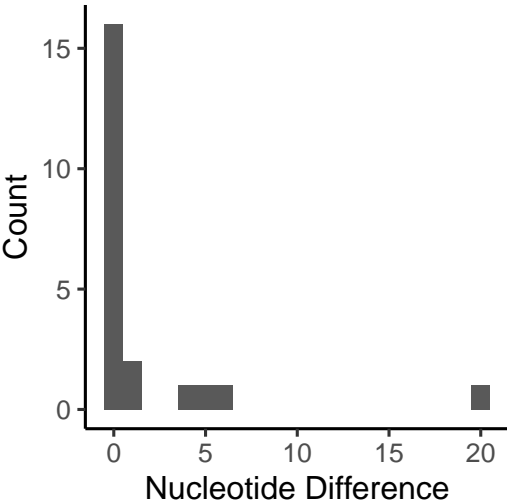
IGKV2-24*01

12 sequences assigned
11 (91.7%) exact matches, in which:
11 unique CDR3
3 unique J



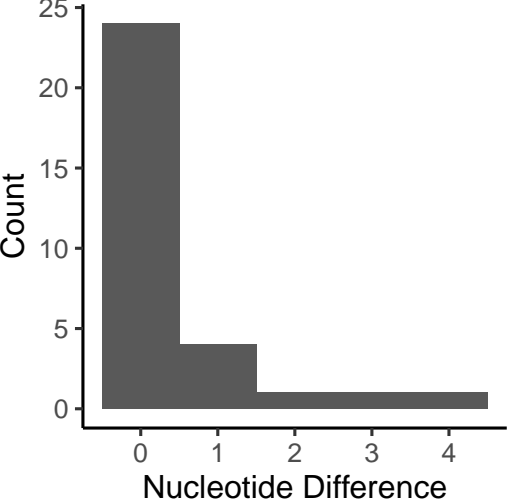
IGKV2-30*02

22 sequences assigned
16 (72.7%) exact matches, in which:
15 unique CDR3
5 unique J



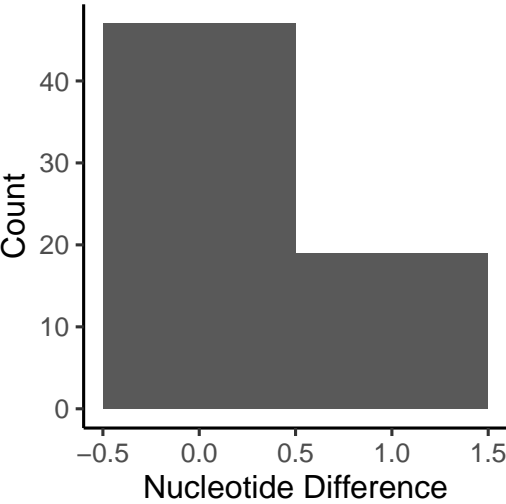
IGKV1-27*01_T231C

31 sequences assigned
24 (77.4%) exact matches, in which:
22 unique CDR3
5 unique J



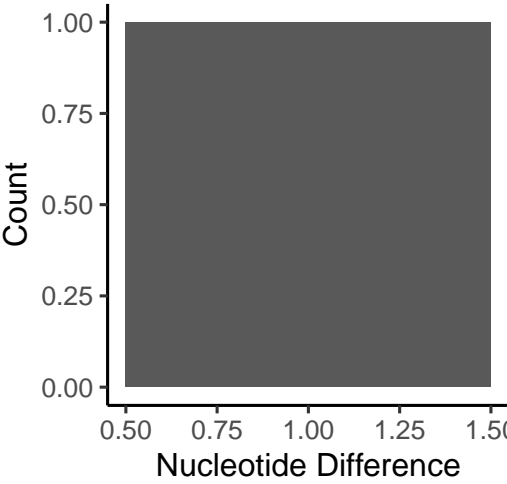
IGKV2-29*02

66 sequences assigned
47 (71.2%) exact matches, in which:
42 unique CDR3
5 unique J



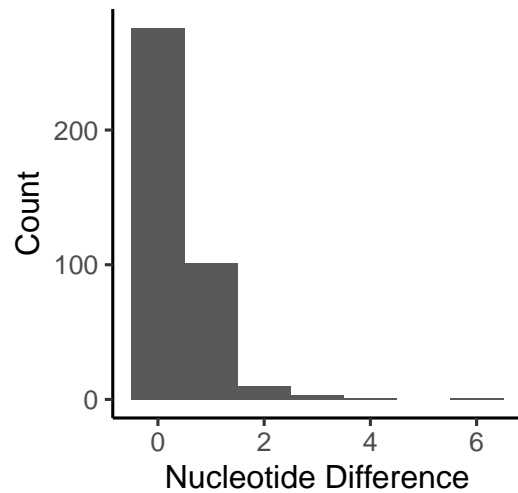
IGKV3-7*04

1 sequences assigned
No exact matches.



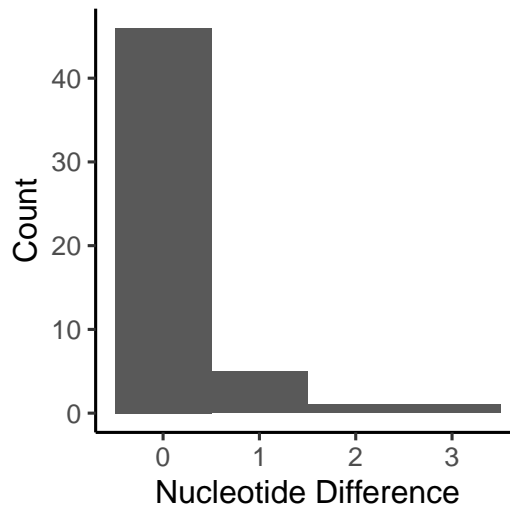
IGKV3–11*01

392 sequences assigned
276 (70.4%) exact matches, in which:
235 unique CDR3
5 unique J



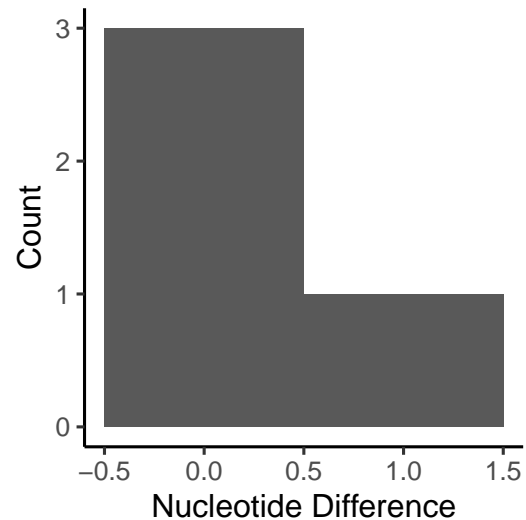
IGKV3–15*01_A223C

53 sequences assigned
46 (86.8%) exact matches, in which:
46 unique CDR3
5 unique J



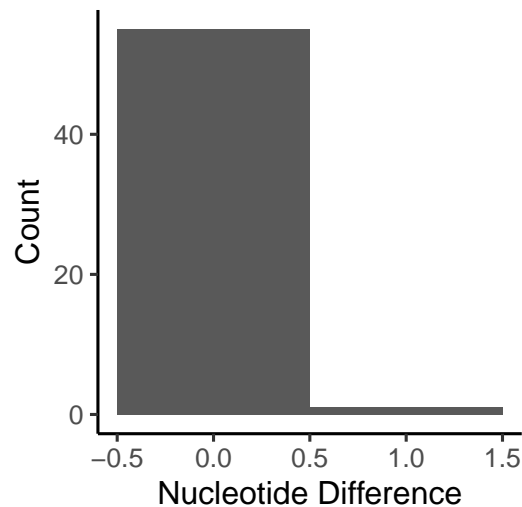
IGKV5–2*01

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



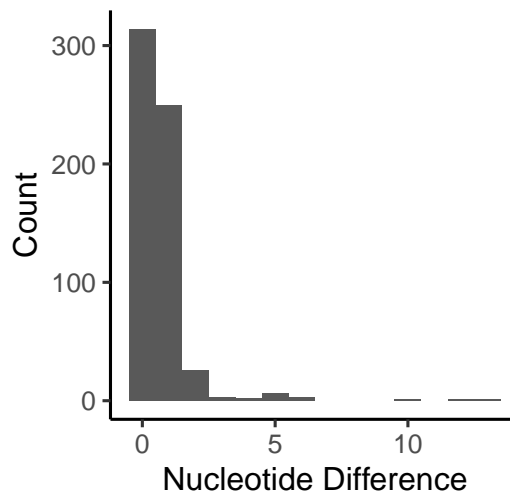
IGKV3–11*01_A223C

56 sequences assigned
55 (98.2%) exact matches, in which:
55 unique CDR3
5 unique J



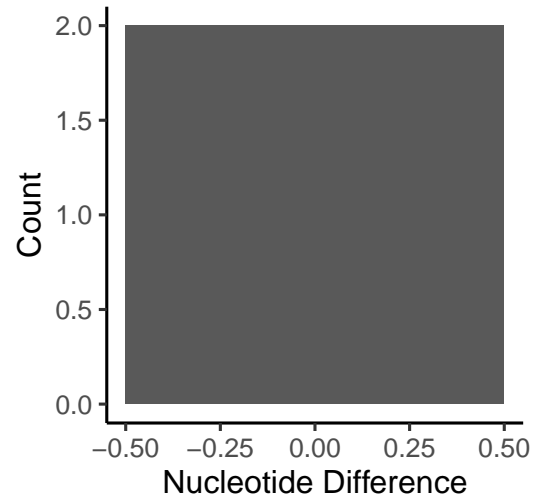
IGKV3–20*01

607 sequences assigned
314 (51.7%) exact matches, in which:
268 unique CDR3
5 unique J



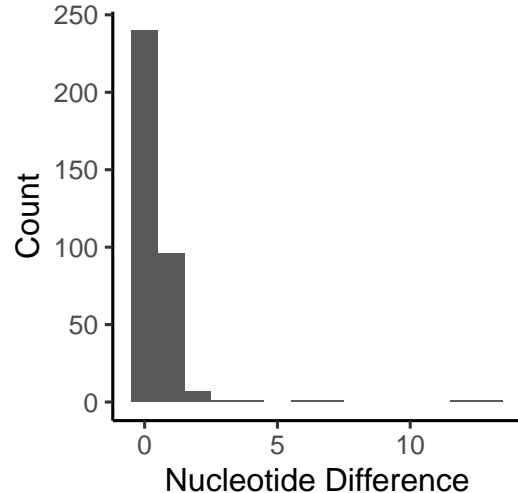
IGKV3D–7*01

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



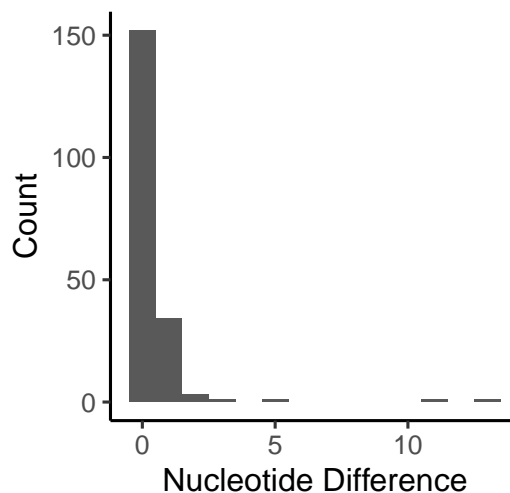
IGKV3–15*01

350 sequences assigned
240 (68.6%) exact matches, in which:
209 unique CDR3
5 unique J



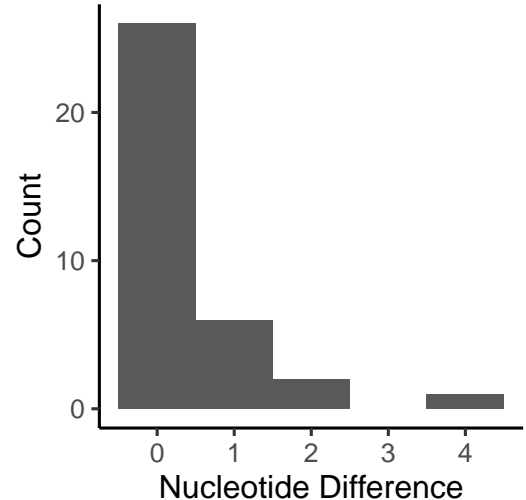
IGKV4–1*01

193 sequences assigned
152 (78.8%) exact matches, in which:
130 unique CDR3
5 unique J



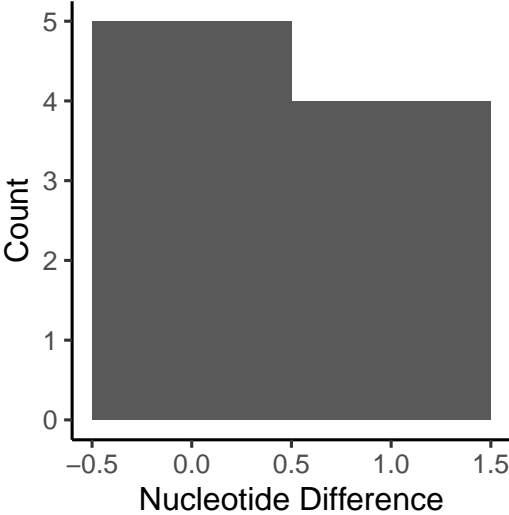
IGKV1D–8*01

35 sequences assigned
26 (74.3%) exact matches, in which:
22 unique CDR3
4 unique J



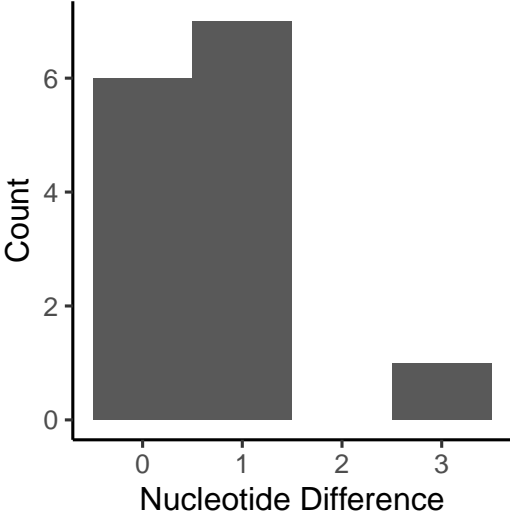
IGKV1D-8*03

9 sequences assigned
5 (55.6%) exact matches, in which:
5 unique CDR3
3 unique J



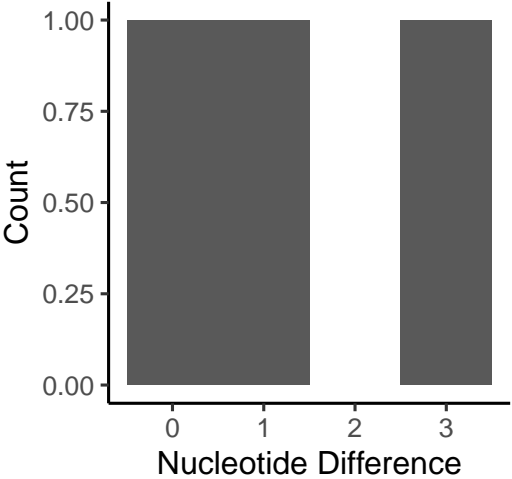
IGKV3D-15*01

14 sequences assigned
6 (42.9%) exact matches, in which:
6 unique CDR3
4 unique J



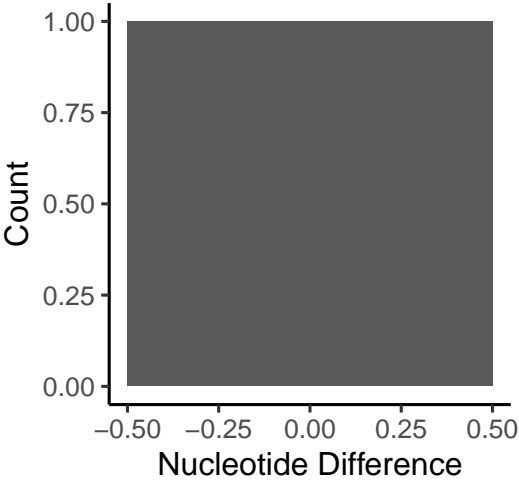
IGKV2D-26*03

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



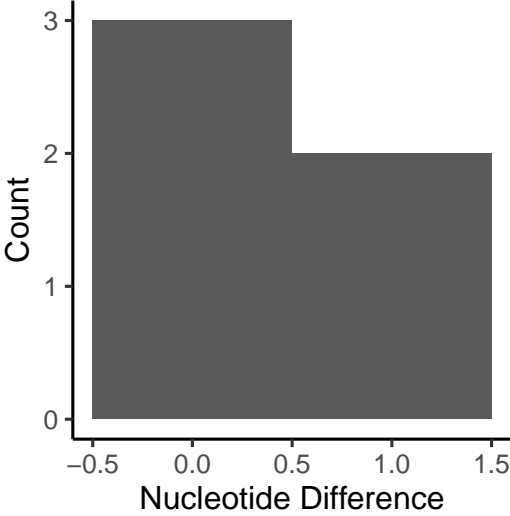
IGKV3D-11*01

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



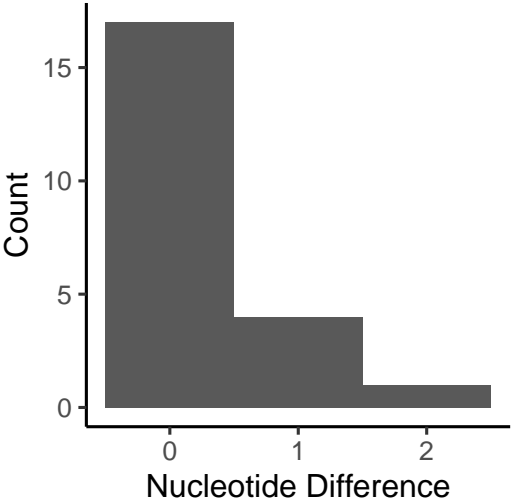
IGKV1D-16*01

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



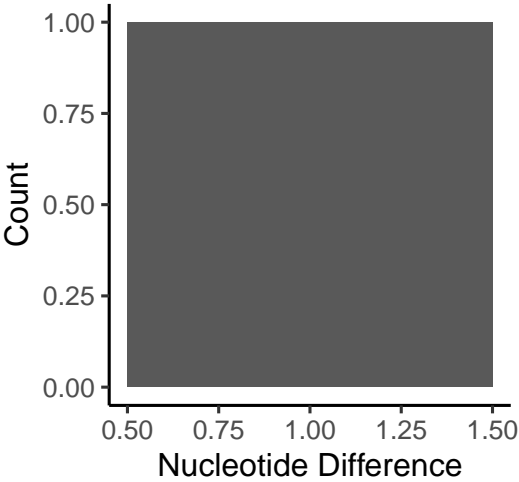
IGKV2D-29*01

22 sequences assigned
17 (77.3%) exact matches, in which:
17 unique CDR3
4 unique J



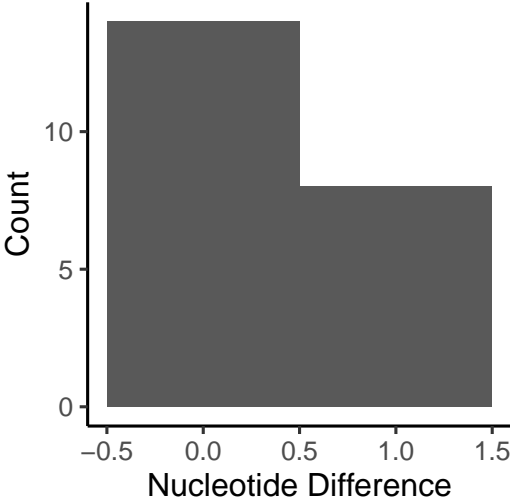
IGKV3D-11*02

1 sequences assigned
No exact matches.



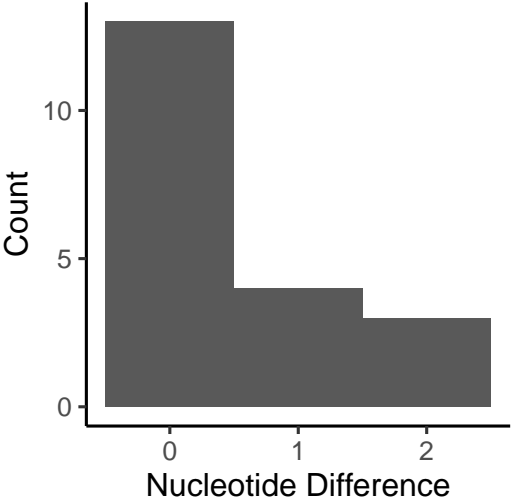
IGKV3D-20*01

22 sequences assigned
14 (63.6%) exact matches, in which:
12 unique CDR3
5 unique J



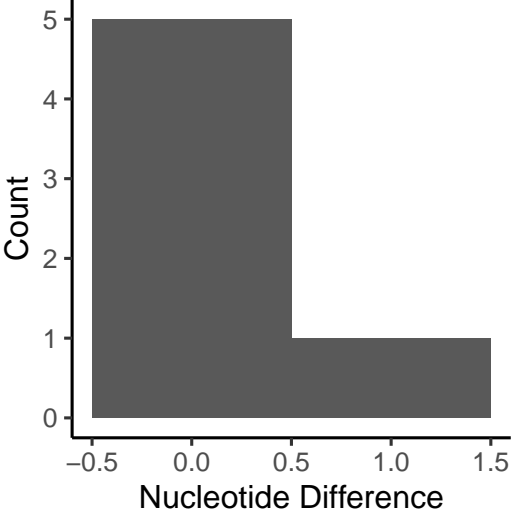
IGKV2D-29*02

20 sequences assigned
13 (65%) exact matches, in which:
13 unique CDR3
5 unique J



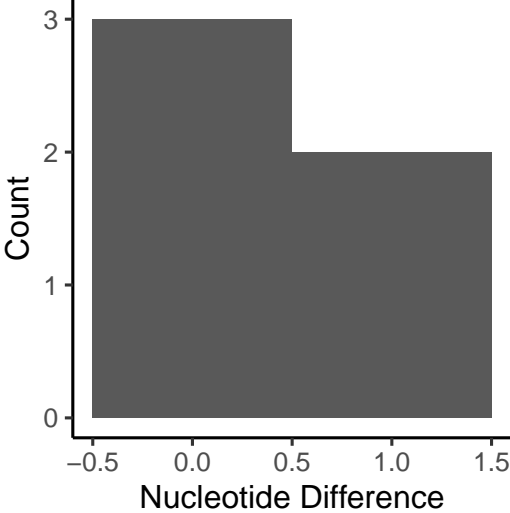
IGKV2D–30*01

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



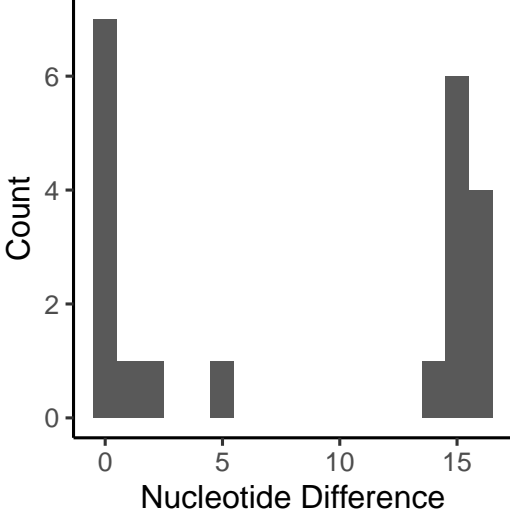
IGKV1E–12*02

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



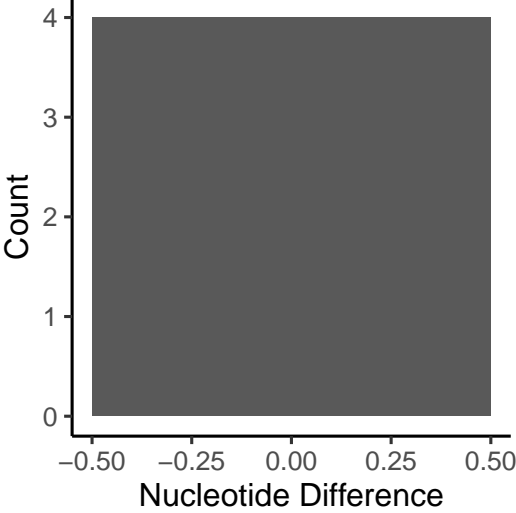
IGKV1E–13*03

21 sequences assigned
7 (33.3%) exact matches, in which:
7 unique CDR3
4 unique J



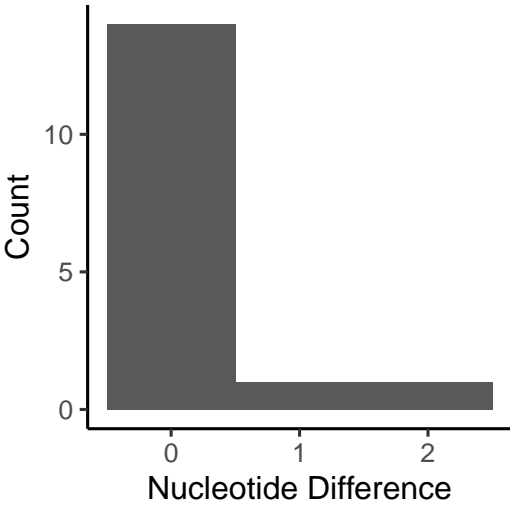
IGKV1D–43*01

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



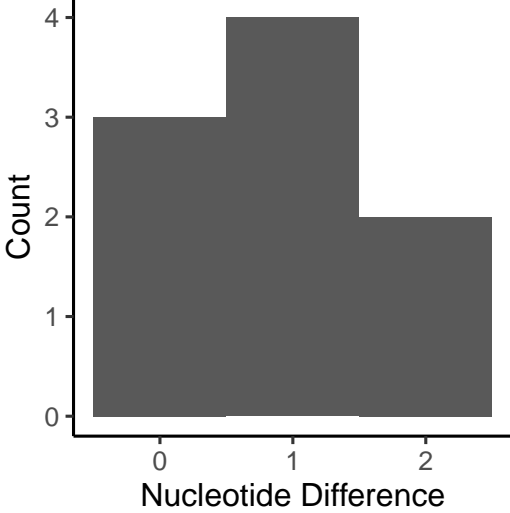
IGKV1E–12*03

16 sequences assigned
14 (87.5%) exact matches, in which:
13 unique CDR3
5 unique J



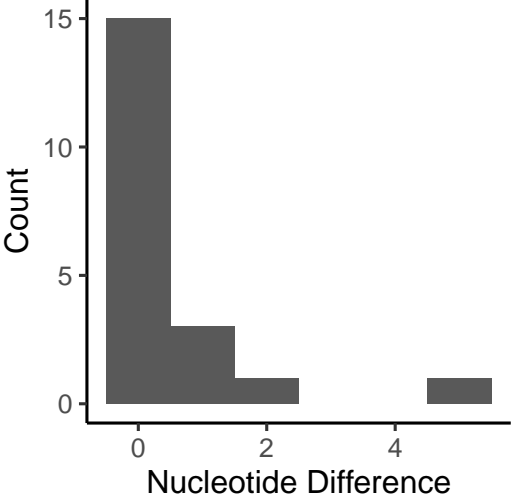
IGKV1E–13*03_G9A_G53C

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



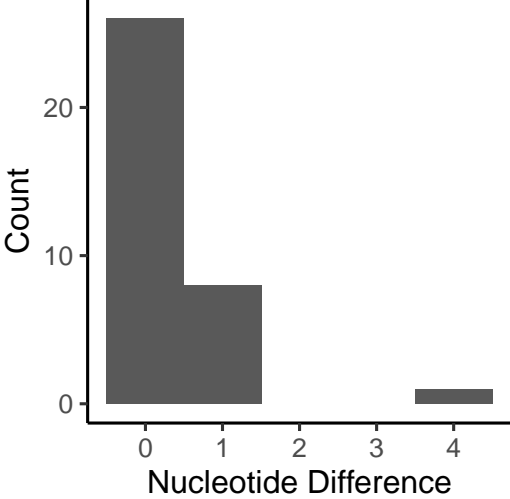
IGKV1E–12*01

20 sequences assigned
15 (75%) exact matches, in which:
14 unique CDR3
5 unique J



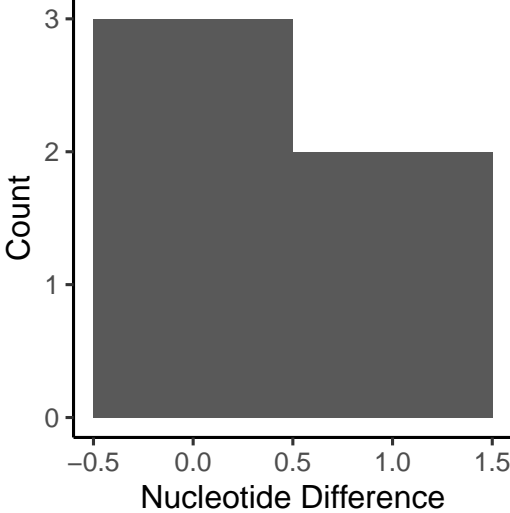
IGKV1E–13*02

35 sequences assigned
26 (74.3%) exact matches, in which:
25 unique CDR3
5 unique J



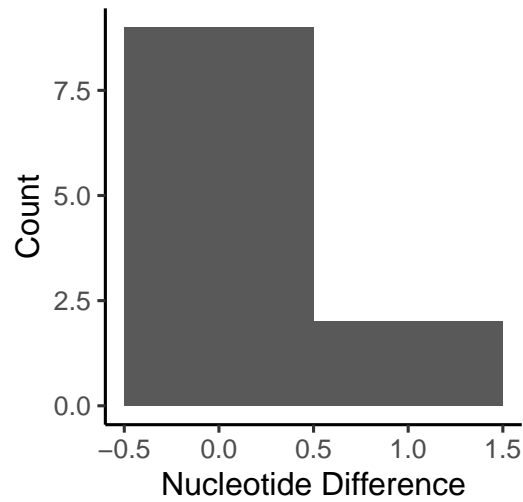
IGKV6E–21*01

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



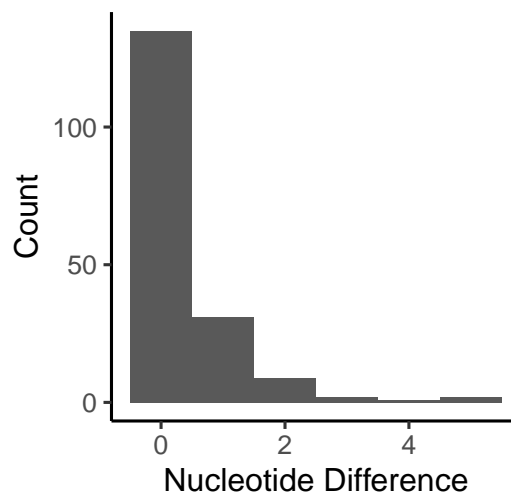
IGKV6E–21*02

11 sequences assigned
9 (81.8%) exact matches, in which:
8 unique CDR3
3 unique J



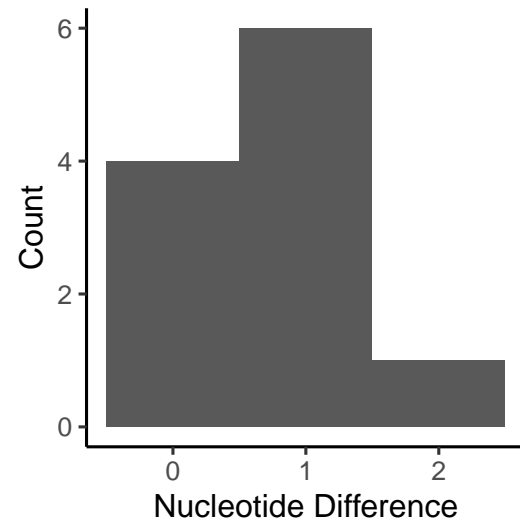
IGKV1E–33*01

180 sequences assigned
135 (75%) exact matches, in which:
122 unique CDR3
5 unique J



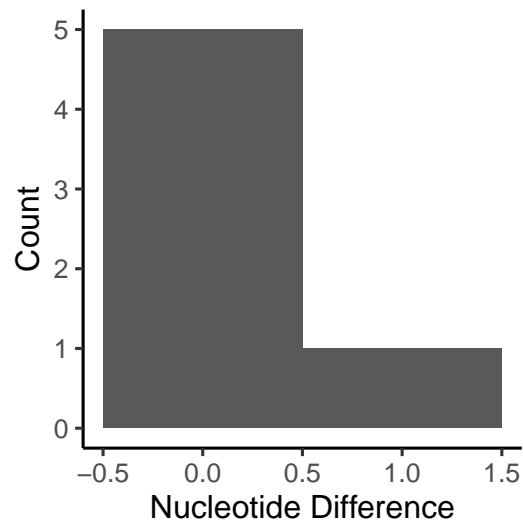
IGKV2E–40*01

11 sequences assigned
4 (36.4%) exact matches, in which:
4 unique CDR3
3 unique J



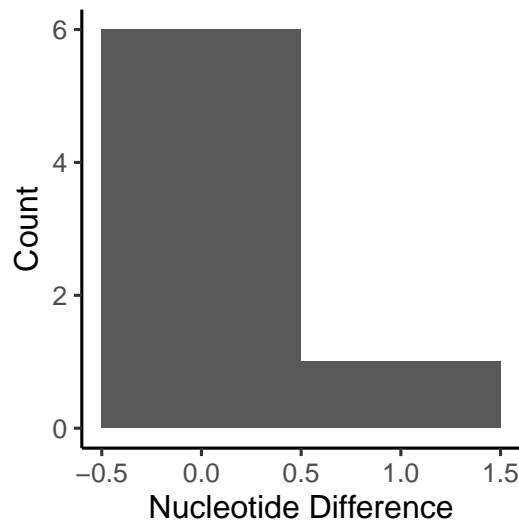
IGKV6E–21*03

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



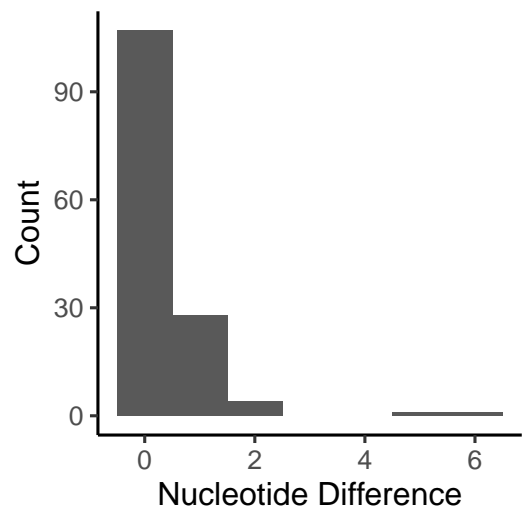
IGKV1E–37*01

7 sequences assigned
6 (85.7%) exact matches, in which:
6 unique CDR3
4 unique J



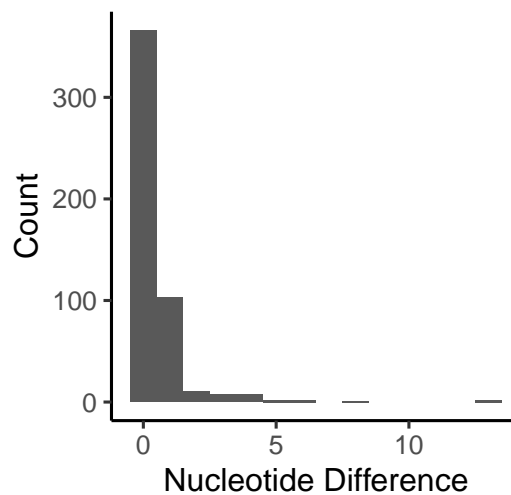
IGKV2E–28*01

141 sequences assigned
107 (75.9%) exact matches, in which:
93 unique CDR3
5 unique J



IGKV1E–39*01

500 sequences assigned
366 (73.2%) exact matches, in which:
298 unique CDR3
5 unique J





Warning – no inferred sequences found.