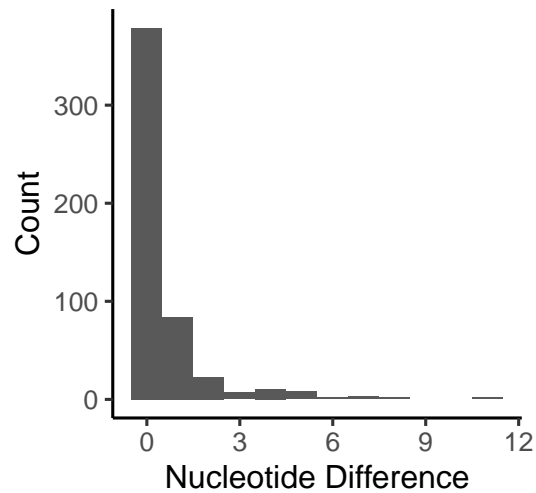


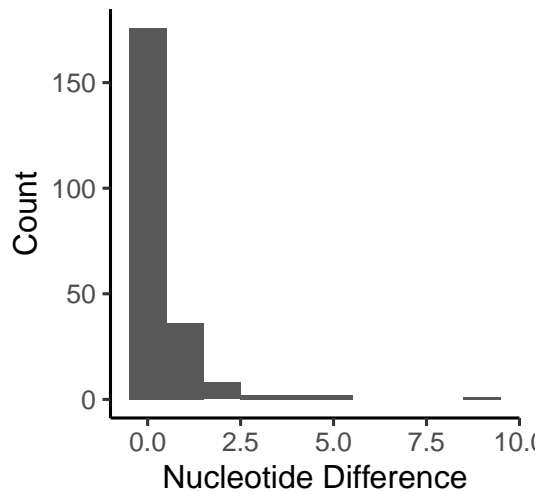
IGKV1–5*03

521 sequences assigned
379 (72.7%) exact matches, in which:
329 unique CDR3
5 unique J



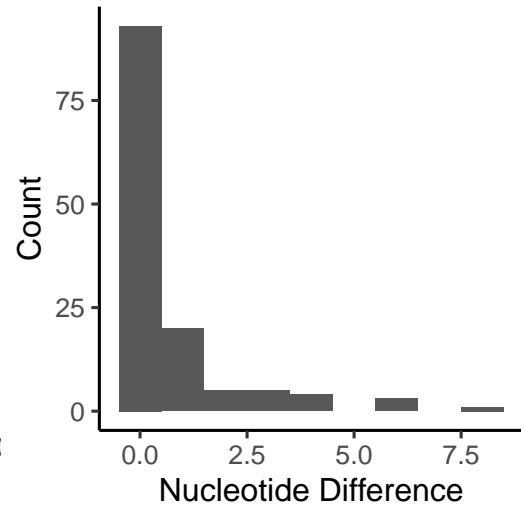
IGKV1–9*01

227 sequences assigned
176 (77.5%) exact matches, in which:
162 unique CDR3
5 unique J



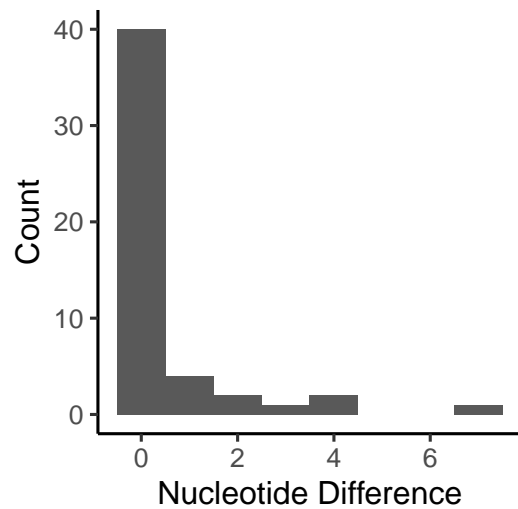
IGKV1–27*01

131 sequences assigned
93 (71%) exact matches, in which:
83 unique CDR3
5 unique J



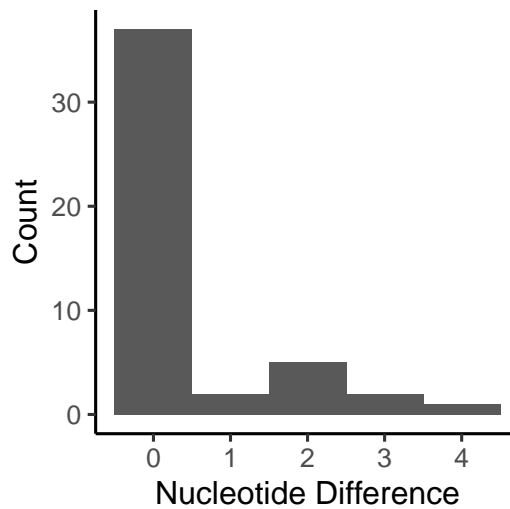
IGKV1–6*01

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



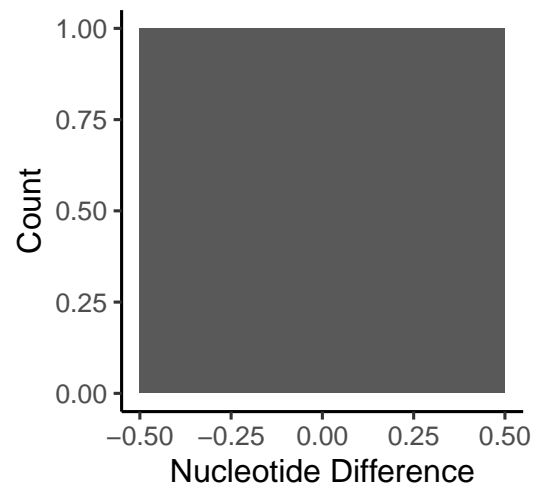
IGKV1–16*02

47 sequences assigned
37 (78.7%) exact matches, in which:
32 unique CDR3
5 unique J



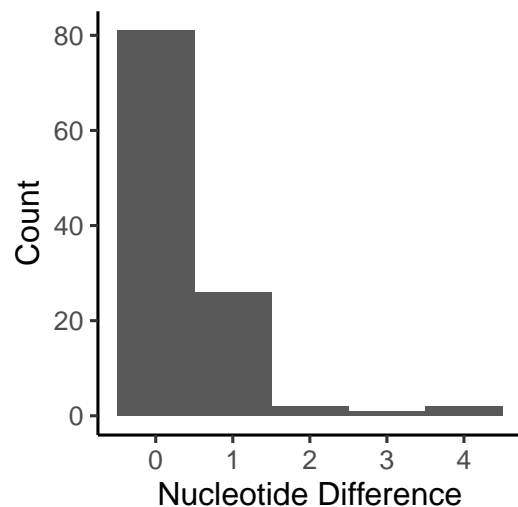
IGKV2/OR22–4*01

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



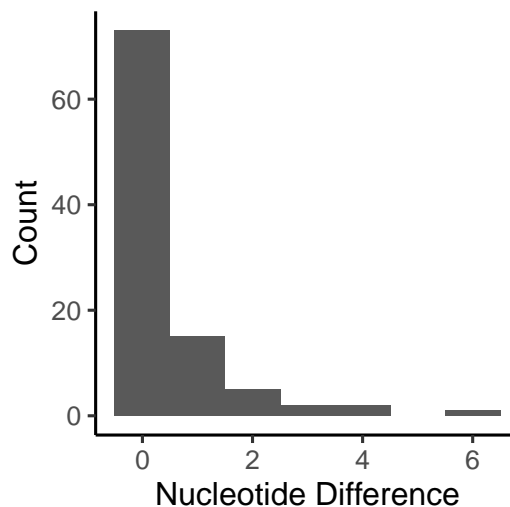
IGKV1–8*01

112 sequences assigned
81 (72.3%) exact matches, in which:
72 unique CDR3
5 unique J



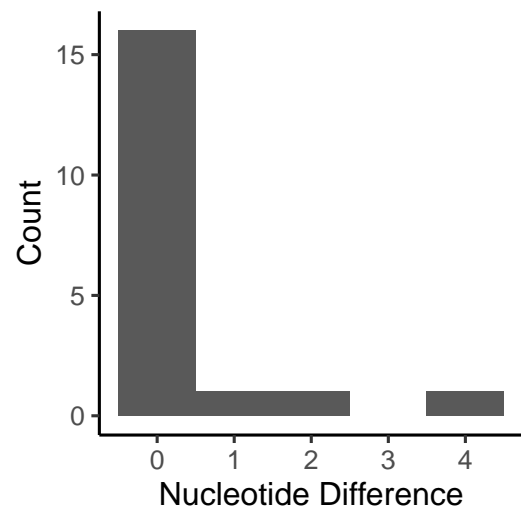
IGKV1–17*01

98 sequences assigned
73 (74.5%) exact matches, in which:
66 unique CDR3
5 unique J



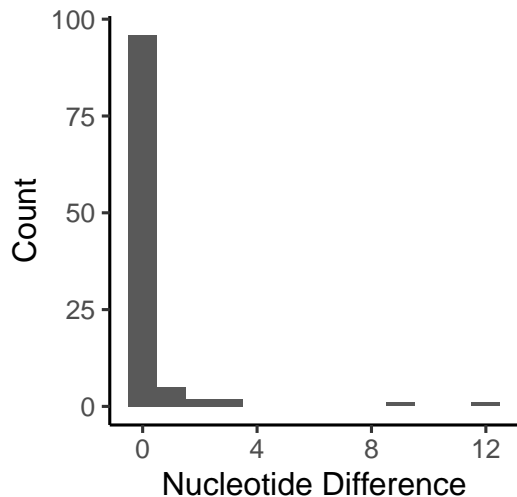
IGKV2–24*01

19 sequences assigned
16 (84.2%) exact matches, in which:
16 unique CDR3
5 unique J



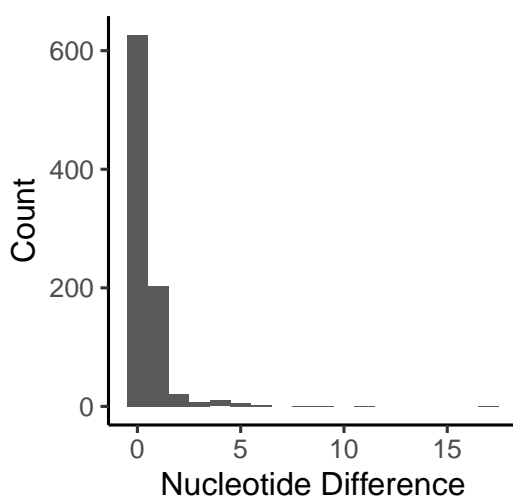
IGKV2–30*01

107 sequences assigned
96 (89.7%) exact matches, in which:
91 unique CDR3
5 unique J



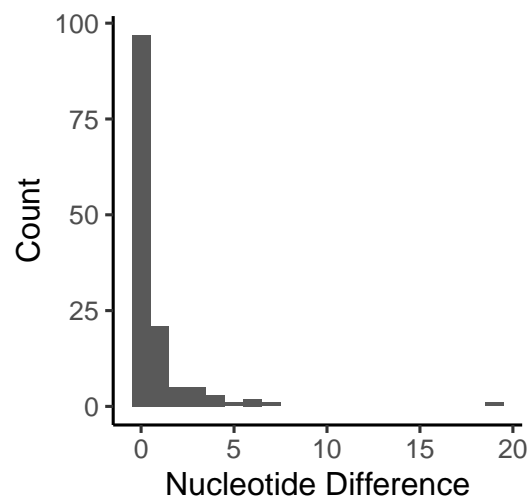
IGKV3–11*01

882 sequences assigned
627 (71.1%) exact matches, in which:
527 unique CDR3
5 unique J



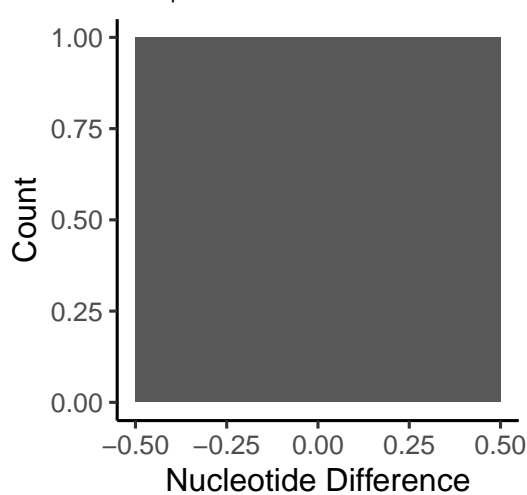
IGKV3–15*01_A223C

136 sequences assigned
97 (71.3%) exact matches, in which:
94 unique CDR3
5 unique J



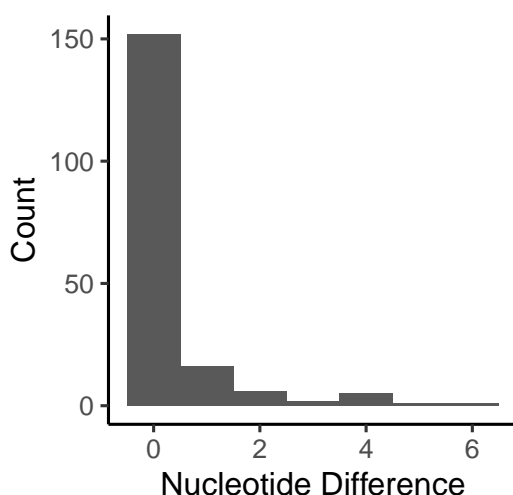
IGKV1/OR2–108*01

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



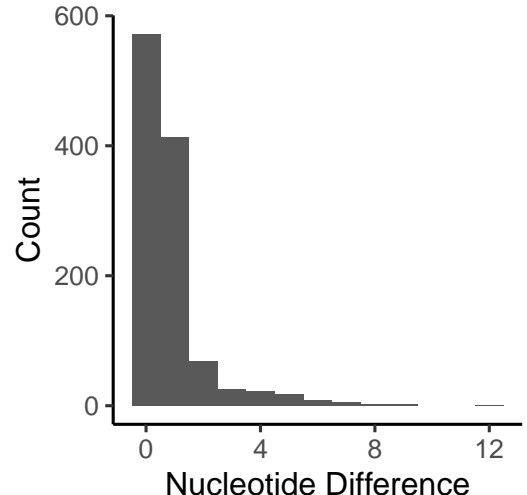
IGKV3–11*01_A223C

183 sequences assigned
152 (83.1%) exact matches, in which:
147 unique CDR3
5 unique J



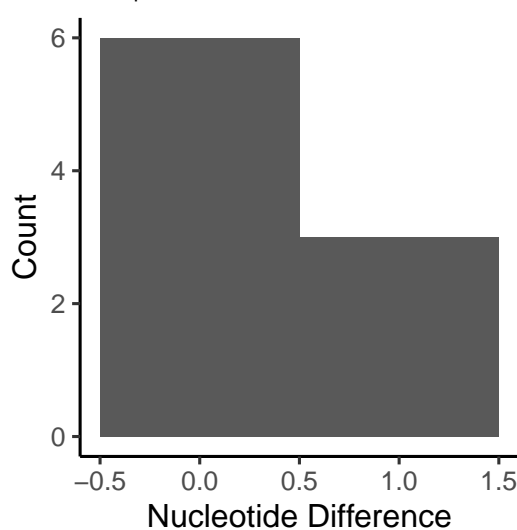
IGKV3–20*01

1138 sequences assigned
572 (50.3%) exact matches, in which:
501 unique CDR3
5 unique J



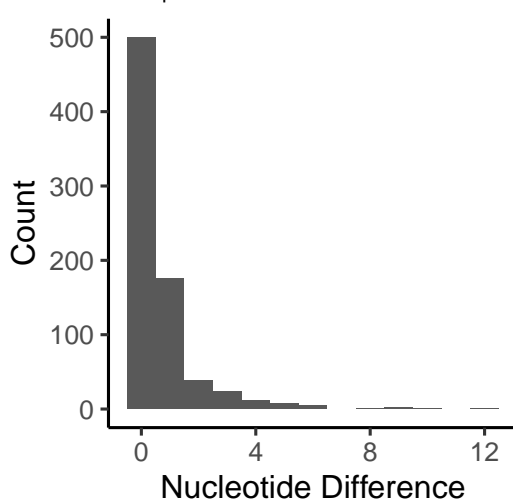
IGKV3–7*04

9 sequences assigned
6 (66.7%) exact matches, in which:
6 unique CDR3
3 unique J



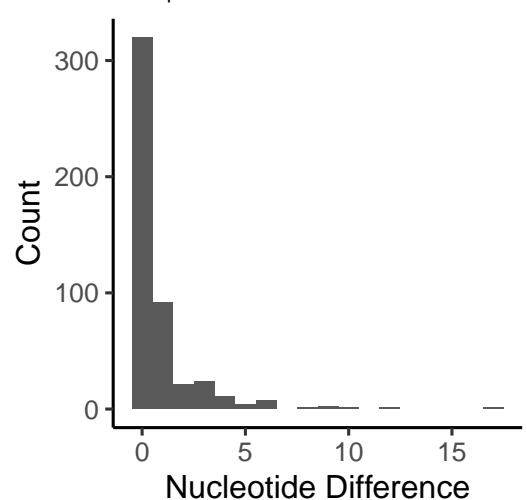
IGKV3–15*01

768 sequences assigned
500 (65.1%) exact matches, in which:
424 unique CDR3
5 unique J



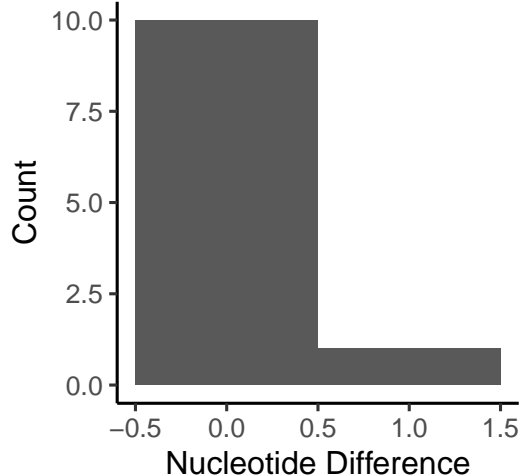
IGKV4–1*01

485 sequences assigned
320 (66%) exact matches, in which:
259 unique CDR3
5 unique J



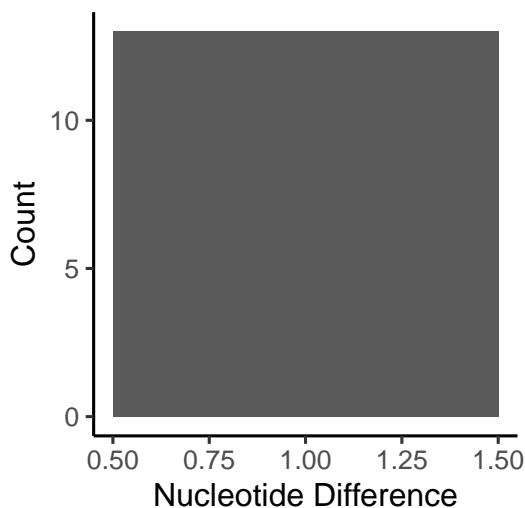
IGKV5-2*01

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



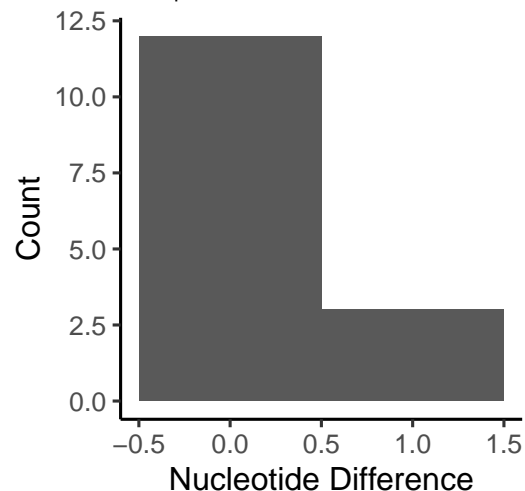
IGKV1D-8*01

13 sequences assigned
No exact matches.



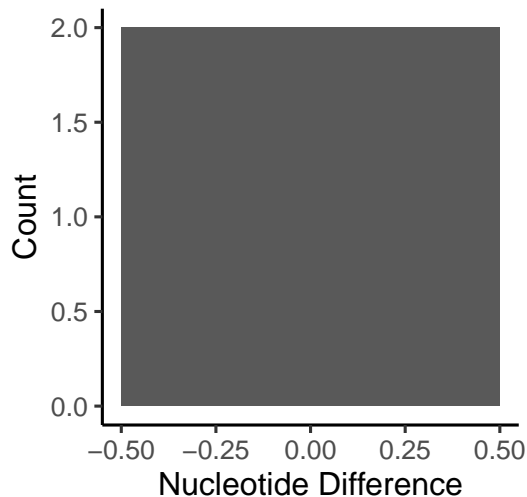
IGKV3D-15*01

15 sequences assigned
12 (80%) exact matches, in which:
12 unique CDR3
5 unique J



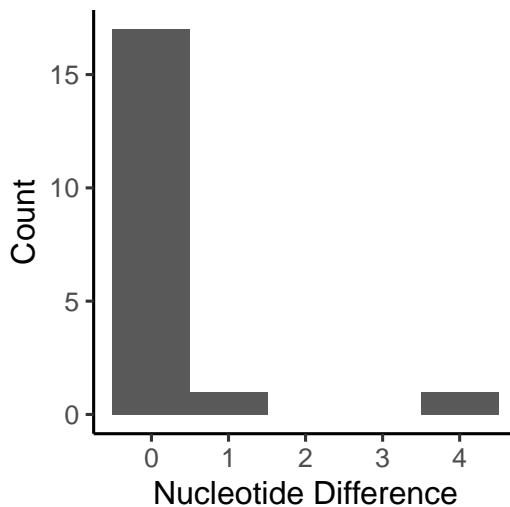
IGKV7-3*01

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



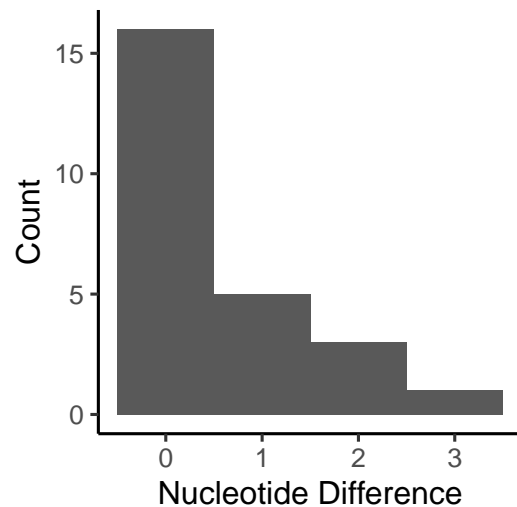
IGKV1D-8*02

19 sequences assigned
17 (89.5%) exact matches, in which:
16 unique CDR3
4 unique J



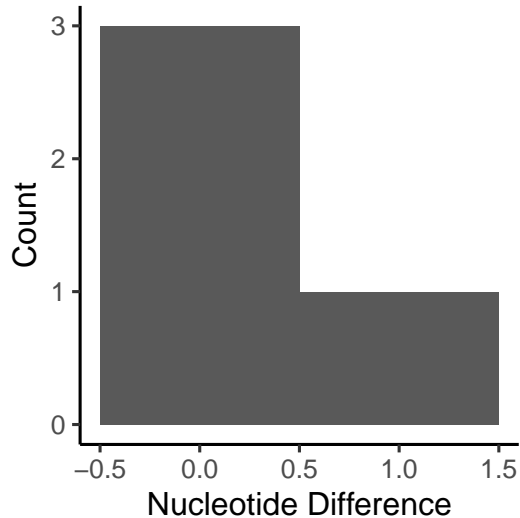
IGKV3D-15*03

25 sequences assigned
16 (64%) exact matches, in which:
16 unique CDR3
5 unique J



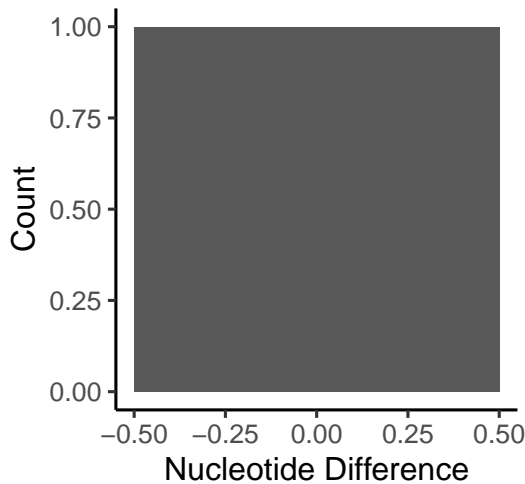
IGKV3D-7*01

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



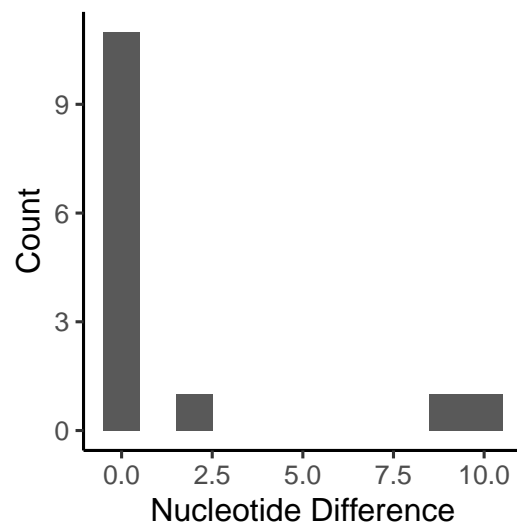
IGKV3D-11*01

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



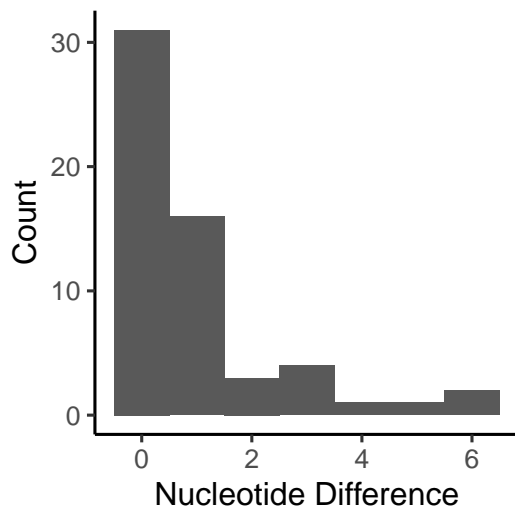
IGKV1D-16*01

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



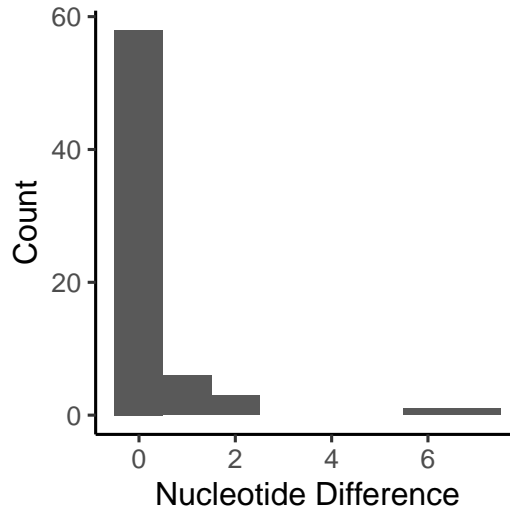
IGKV3D-20*01

58 sequences assigned
31 (53.4%) exact matches, in which:
26 unique CDR3
5 unique J



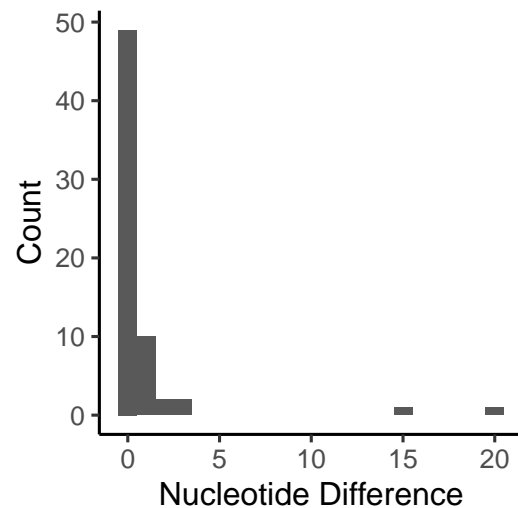
IGKV2D-29*01

69 sequences assigned
58 (84.1%) exact matches, in which:
53 unique CDR3
5 unique J



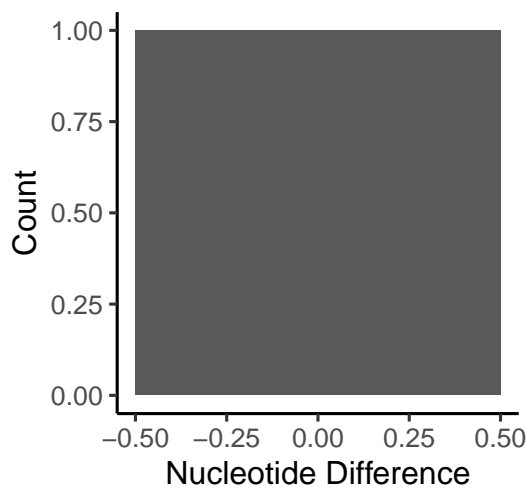
IGKV1E-12*01

65 sequences assigned
49 (75.4%) exact matches, in which:
34 unique CDR3
5 unique J



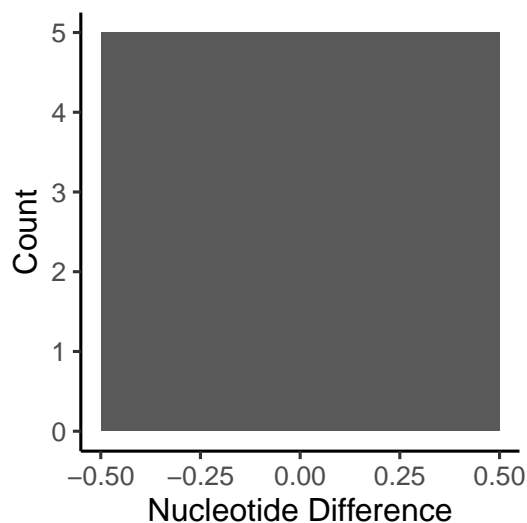
IGKV2D-24*01

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



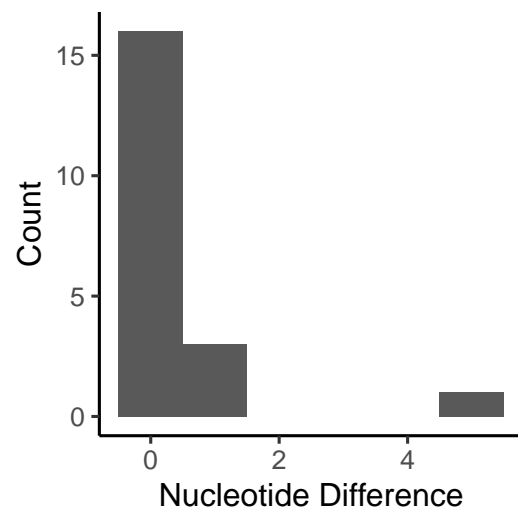
IGKV2D-30*01

5 sequences assigned
5 (100%) exact matches, in which:
5 unique CDR3
2 unique J



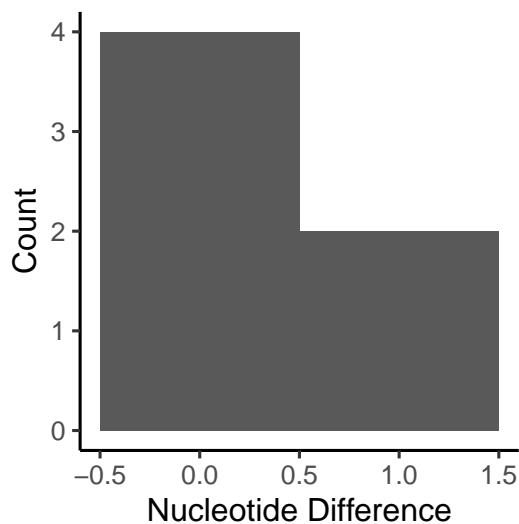
IGKV1E-12*02

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



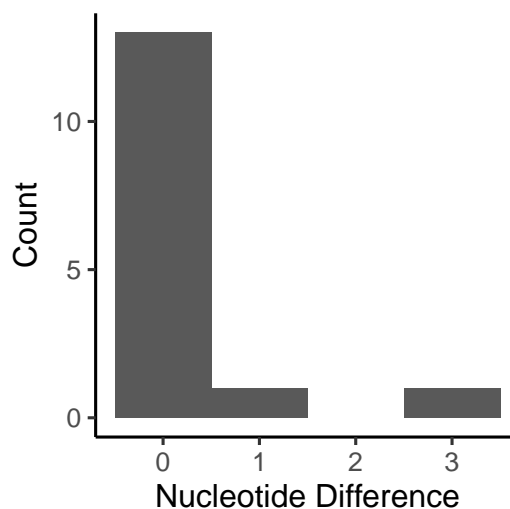
IGKV2D-26*03

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
3 unique J



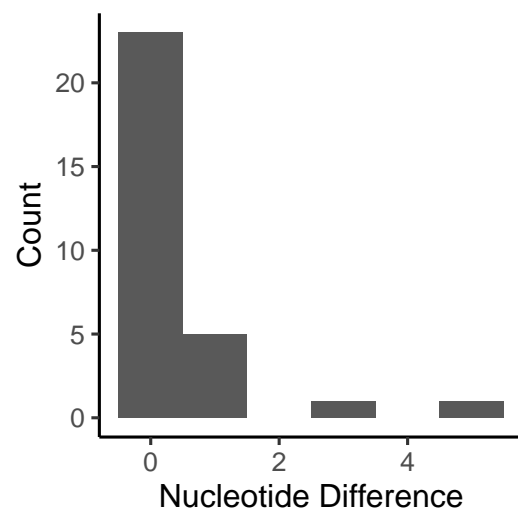
IGKV1D-43*01

15 sequences assigned
13 (86.7%) exact matches, in which:
12 unique CDR3
4 unique J



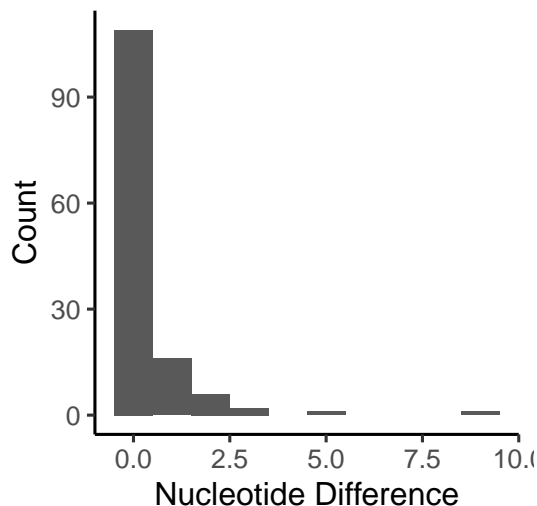
IGKV1E-12*03

30 sequences assigned
23 (76.7%) exact matches, in which:
20 unique CDR3
5 unique J



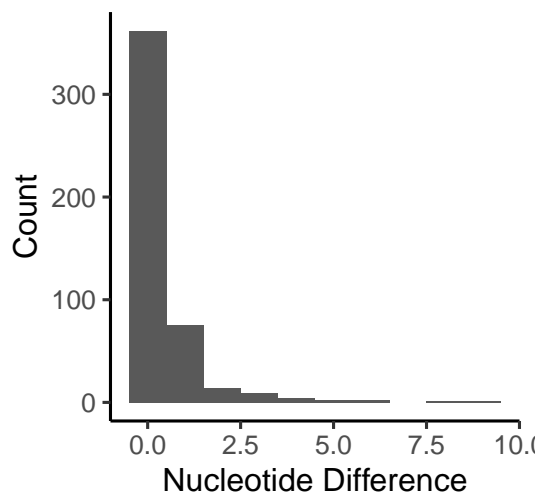
IGKV1E-13*02

135 sequences assigned
109 (80.7%) exact matches, in which:
97 unique CDR3
5 unique J



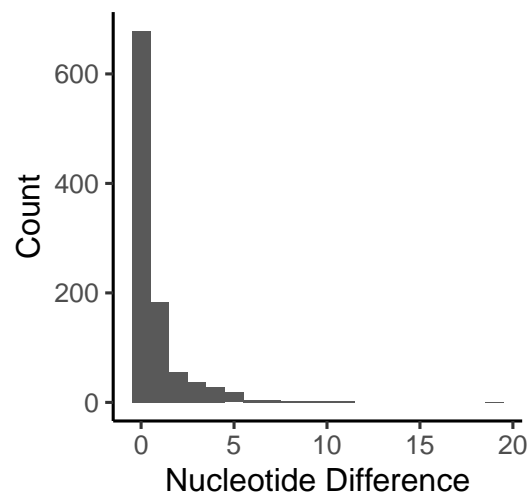
IGKV2E-28*01

470 sequences assigned
362 (77%) exact matches, in which:
310 unique CDR3
5 unique J



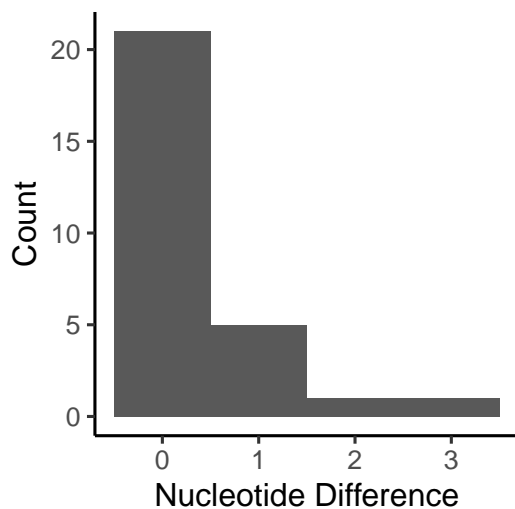
IGKV1E-39*01

1022 sequences assigned
679 (66.4%) exact matches, in which:
548 unique CDR3
5 unique J



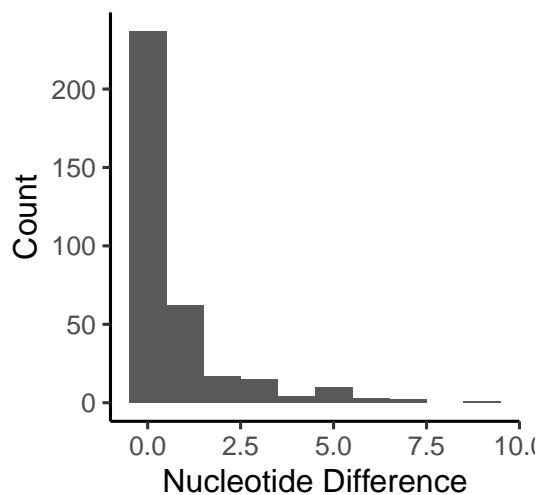
IGKV6E-21*01

28 sequences assigned
21 (75%) exact matches, in which:
20 unique CDR3
5 unique J



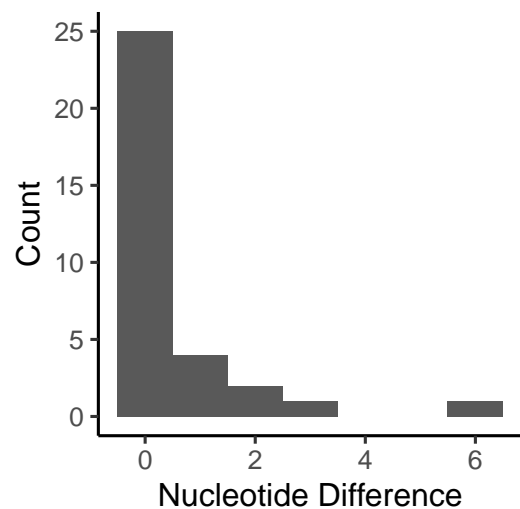
IGKV1E-33*01

351 sequences assigned
237 (67.5%) exact matches, in which:
204 unique CDR3
5 unique J



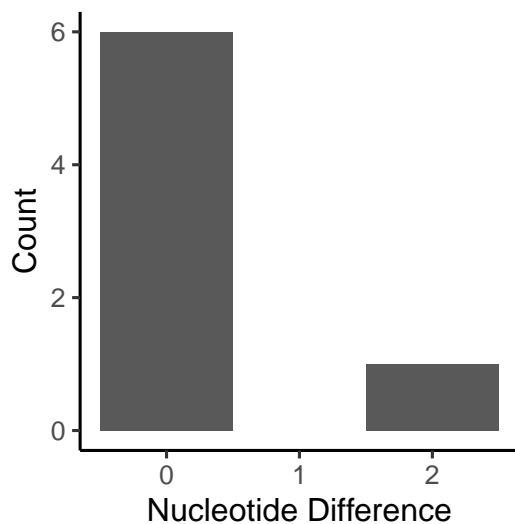
IGKV2E-40*01

33 sequences assigned
25 (75.8%) exact matches, in which:
24 unique CDR3
5 unique J



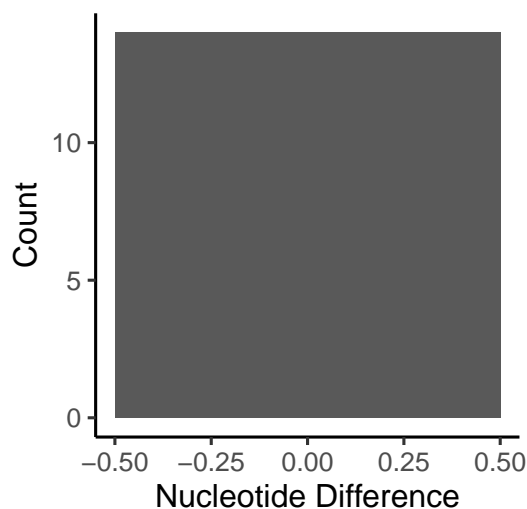
IGKV6E-21*03

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



IGKV1E-37*01

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





Warning – no inferred sequences found.