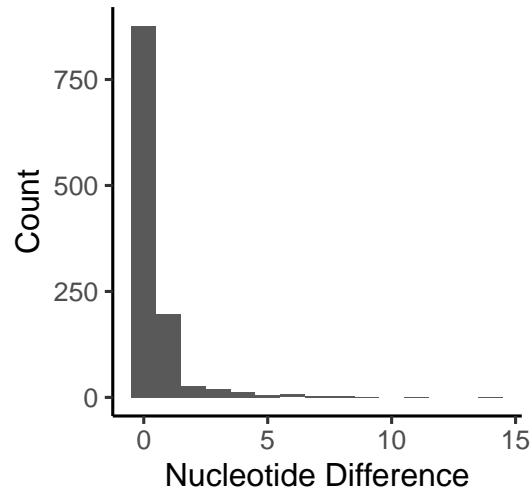


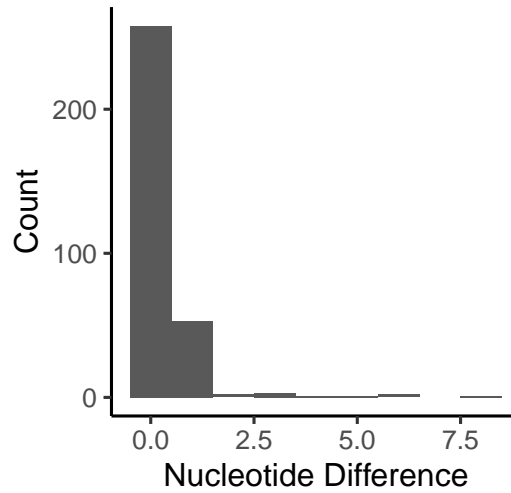
IGKV1–5*03

1163 sequences assigned
877 (75.4%) exact matches, in which:
692 unique CDR3
5 unique J



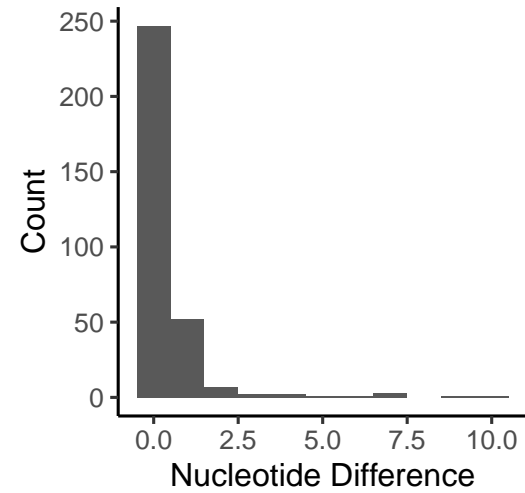
IGKV1–9*01

321 sequences assigned
258 (80.4%) exact matches, in which:
225 unique CDR3
5 unique J



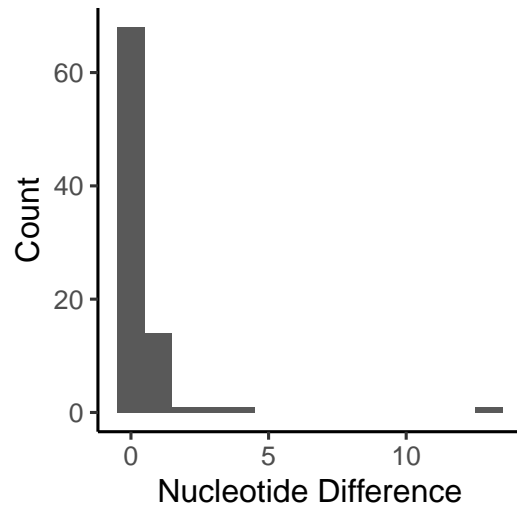
IGKV1–27*01

318 sequences assigned
247 (77.7%) exact matches, in which:
207 unique CDR3
5 unique J



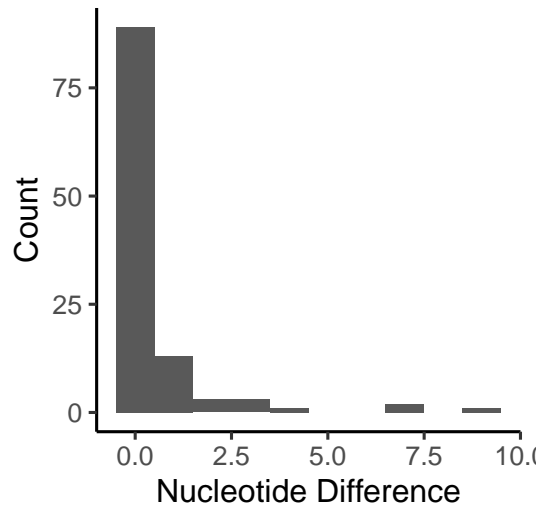
IGKV1–6*01

86 sequences assigned
68 (79.1%) exact matches, in which:
53 unique CDR3
5 unique J



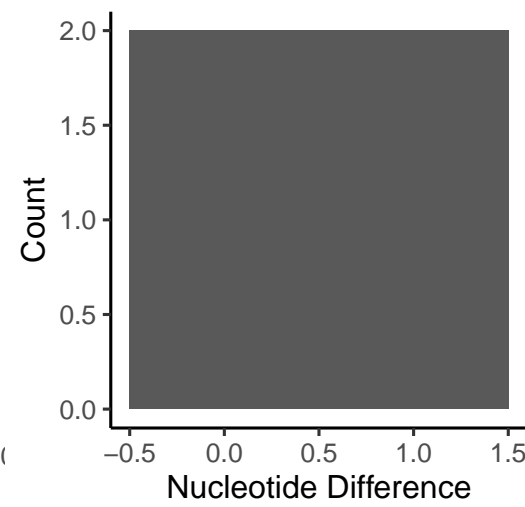
IGKV1–16*02

112 sequences assigned
89 (79.5%) exact matches, in which:
66 unique CDR3
5 unique J



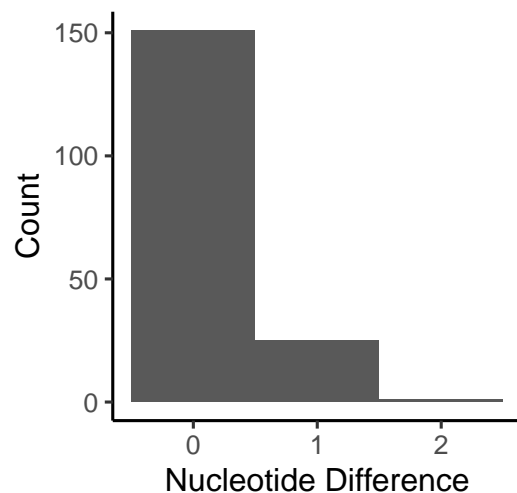
IGKV2/OR22–4*01

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



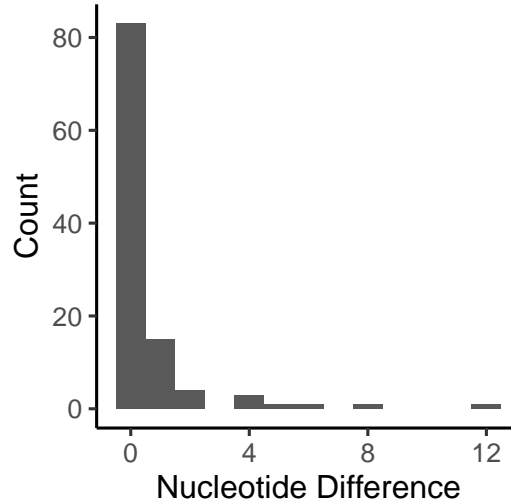
IGKV1–8*01

177 sequences assigned
151 (85.3%) exact matches, in which:
129 unique CDR3
5 unique J



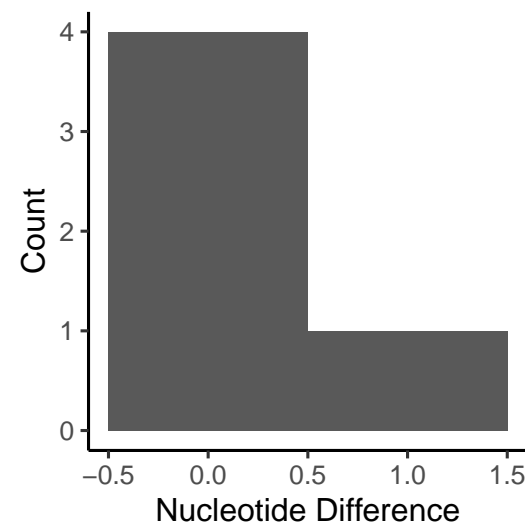
IGKV1–17*01

109 sequences assigned
83 (76.1%) exact matches, in which:
70 unique CDR3
5 unique J



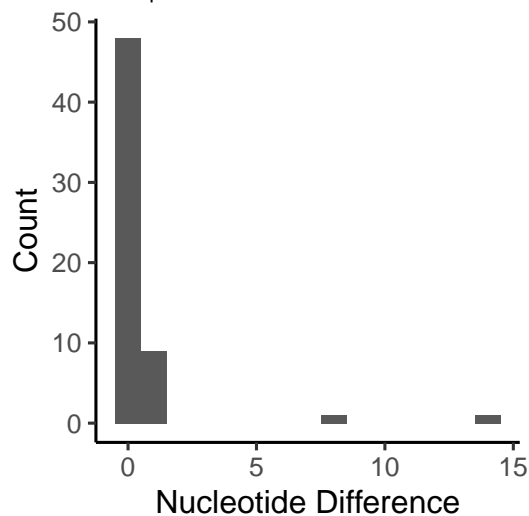
IGKV2–18*01

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



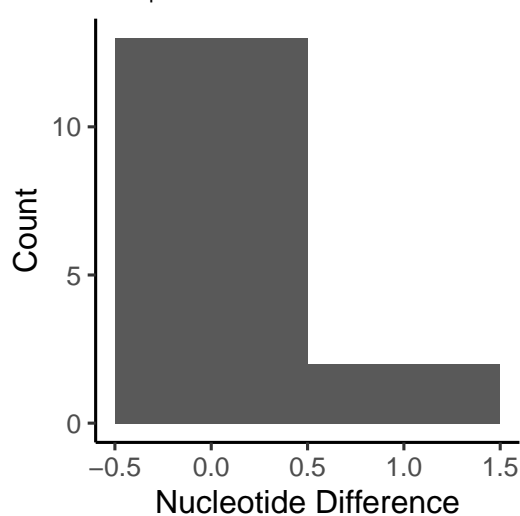
IGKV2-24*01

59 sequences assigned
48 (81.4%) exact matches, in which:
40 unique CDR3
5 unique J



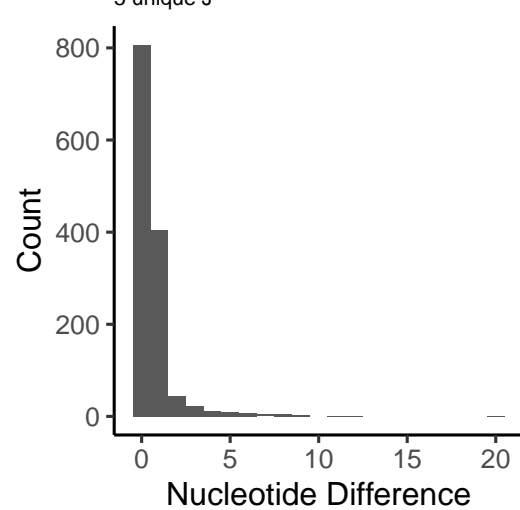
IGKV3-7*04

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



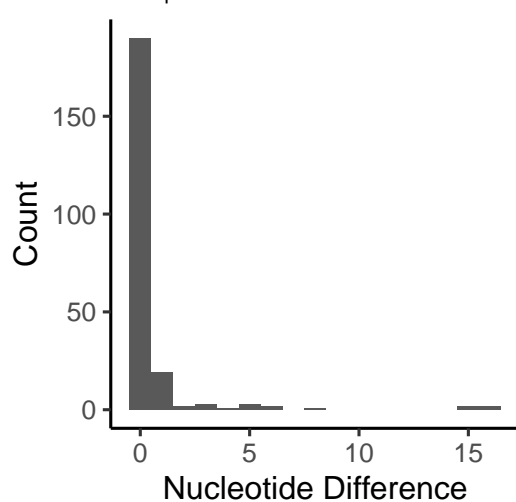
IGKV3-15*01

1323 sequences assigned
807 (61%) exact matches, in which:
654 unique CDR3
5 unique J



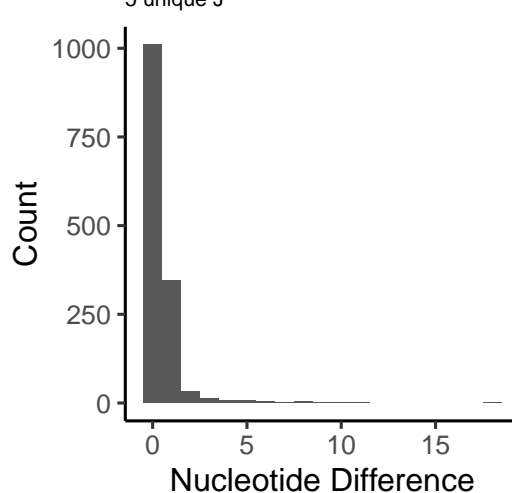
IGKV2-30*01

225 sequences assigned
190 (84.4%) exact matches, in which:
175 unique CDR3
5 unique J



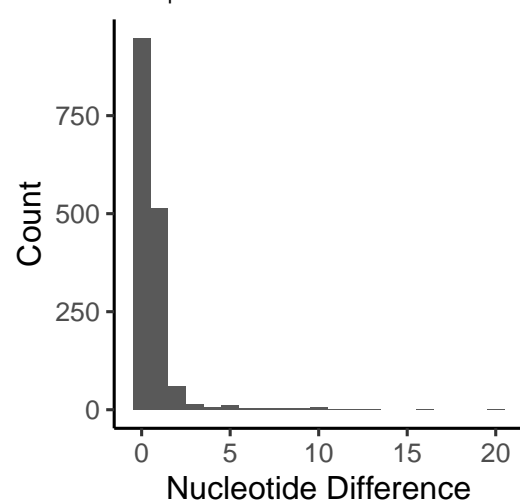
IGKV3-11*01

1427 sequences assigned
1010 (70.8%) exact matches, in which:
813 unique CDR3
5 unique J



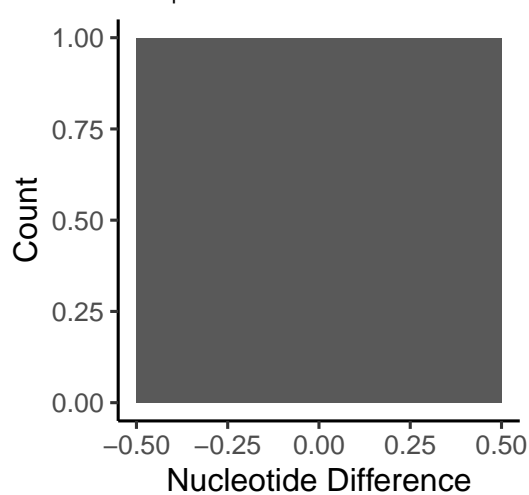
IGKV3-20*01

1583 sequences assigned
948 (59.9%) exact matches, in which:
772 unique CDR3
5 unique J



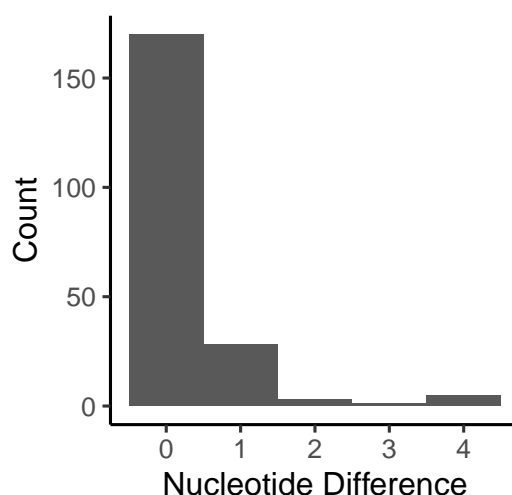
IGKV1/OR2-108*01

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



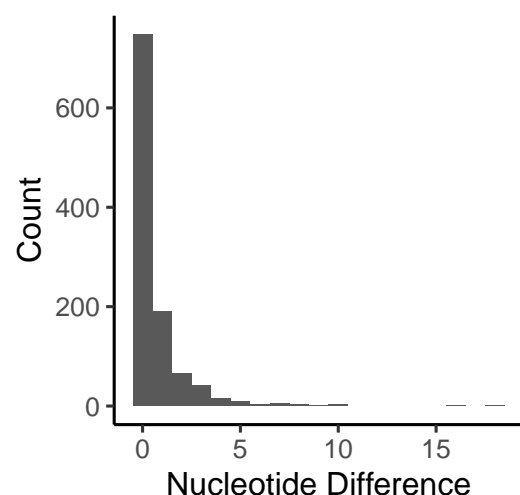
IGKV3-11*01_A223C

207 sequences assigned
170 (82.1%) exact matches, in which:
160 unique CDR3
5 unique J



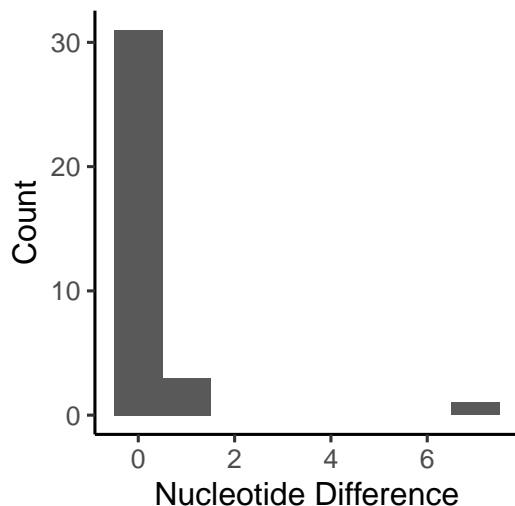
IGKV4-1*01

1091 sequences assigned
748 (68.6%) exact matches, in which:
573 unique CDR3
5 unique J



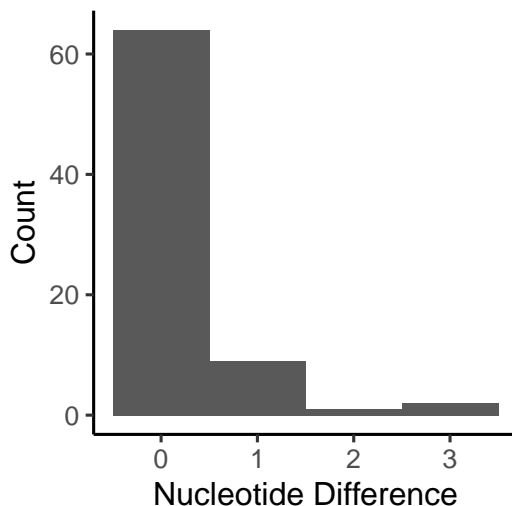
IGKV5-2*01

35 sequences assigned
31 (88.6%) exact matches, in which:
31 unique CDR3
5 unique J



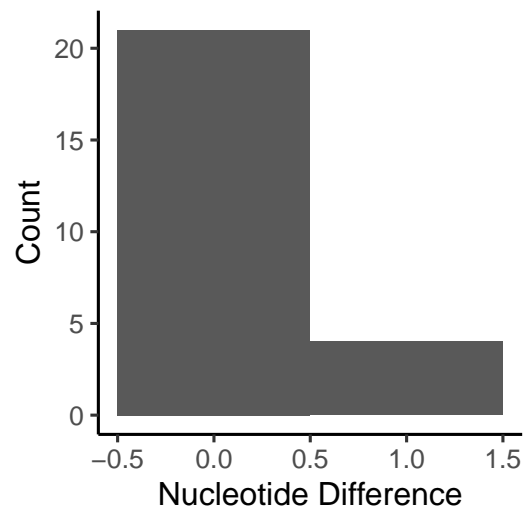
IGKV1D-8*01

76 sequences assigned
64 (84.2%) exact matches, in which:
51 unique CDR3
5 unique J



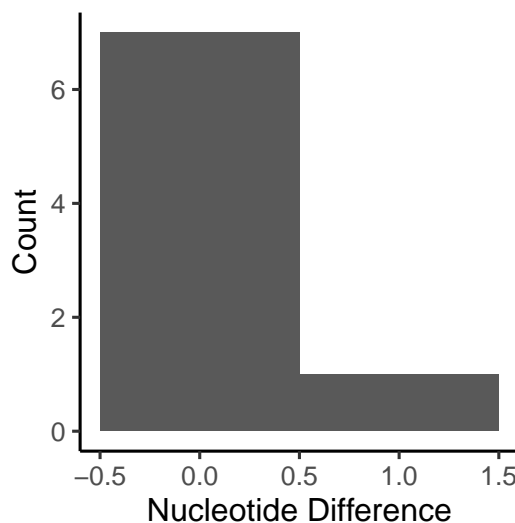
IGKV1D-16*01

25 sequences assigned
21 (84%) exact matches, in which:
19 unique CDR3
5 unique J



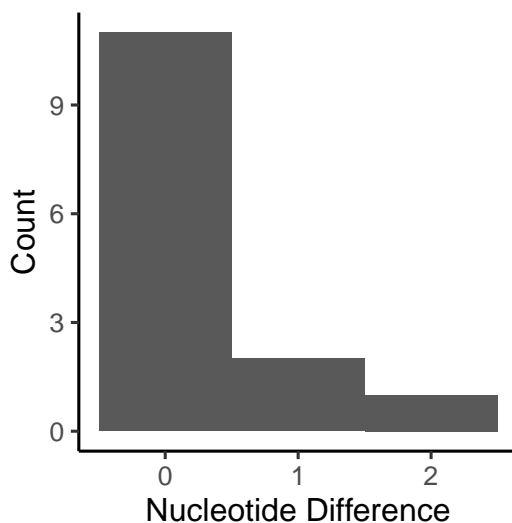
IGKV7-3*01

8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
4 unique J



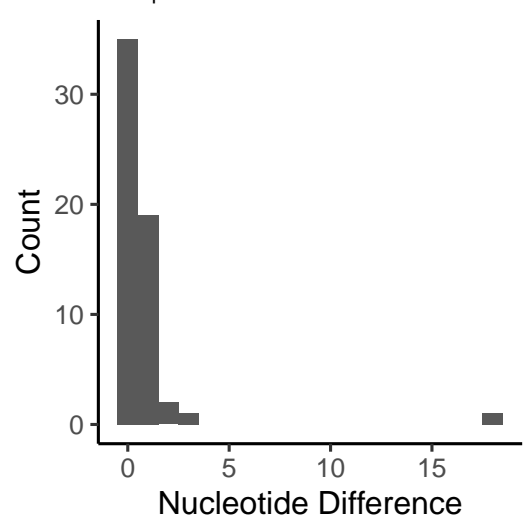
IGKV3D-11*01

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



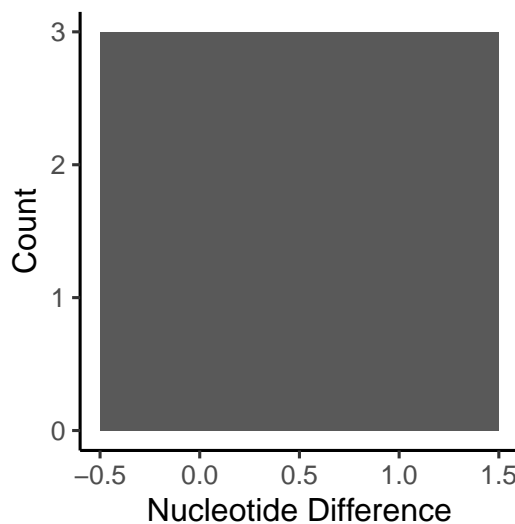
IGKV3D-20*01

58 sequences assigned
35 (60.3%) exact matches, in which:
35 unique CDR3
5 unique J



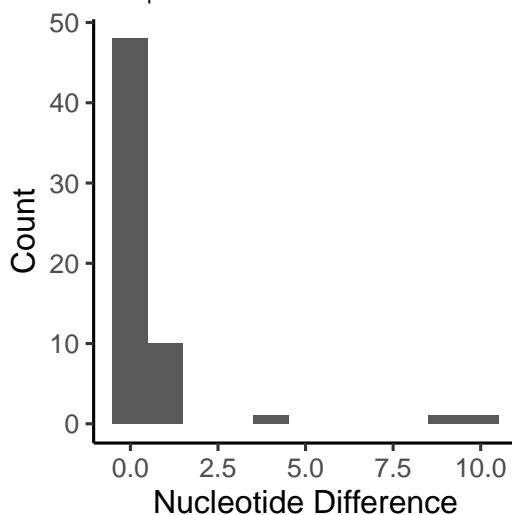
IGKV3D-7*01

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



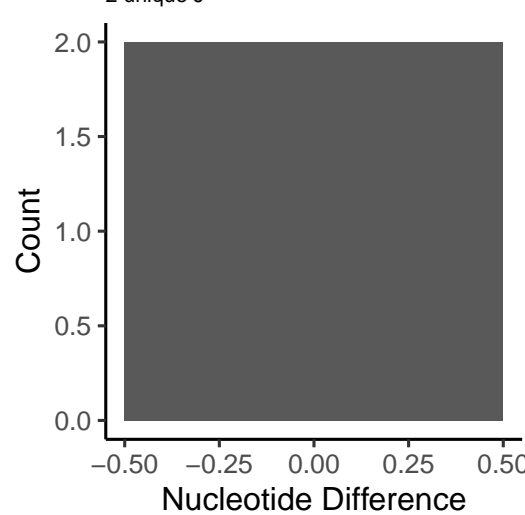
IGKV3D-15*01

61 sequences assigned
48 (78.7%) exact matches, in which:
44 unique CDR3
5 unique J



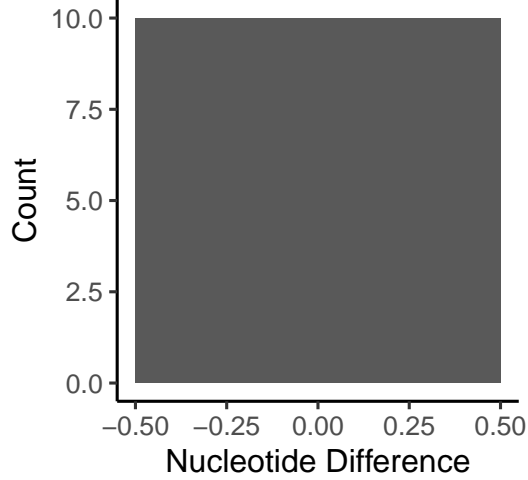
IGKV2D-24*01

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



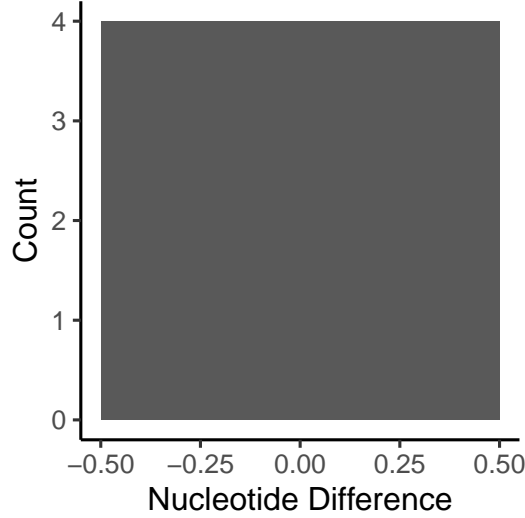
IGKV2D–26*03

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



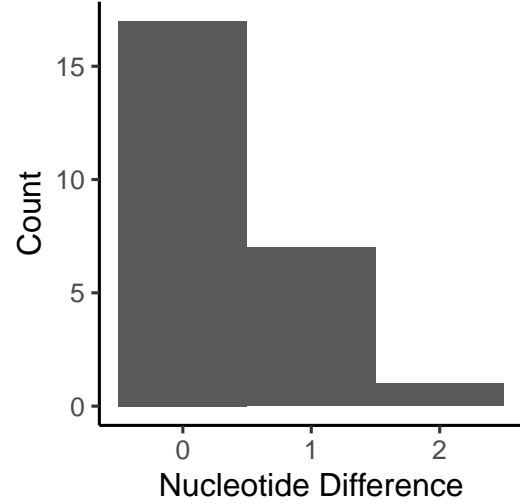
IGKV6D–41*01

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



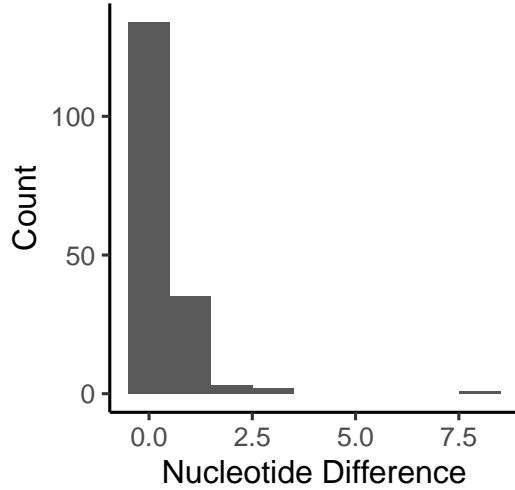
IGKV1E–12*02

25 sequences assigned
17 (68%) exact matches, in which:
15 unique CDR3
5 unique J



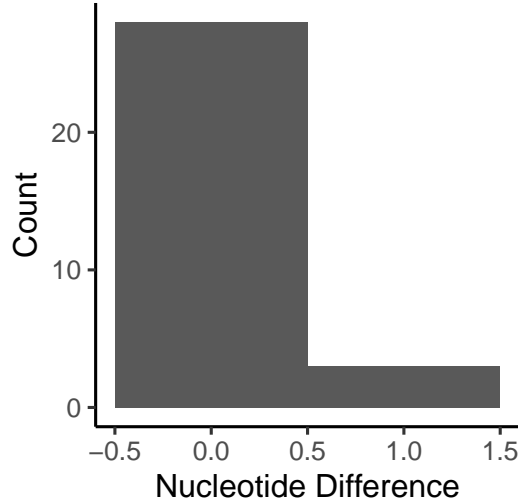
IGKV2D–29*01

175 sequences assigned
134 (76.6%) exact matches, in which:
116 unique CDR3
5 unique J



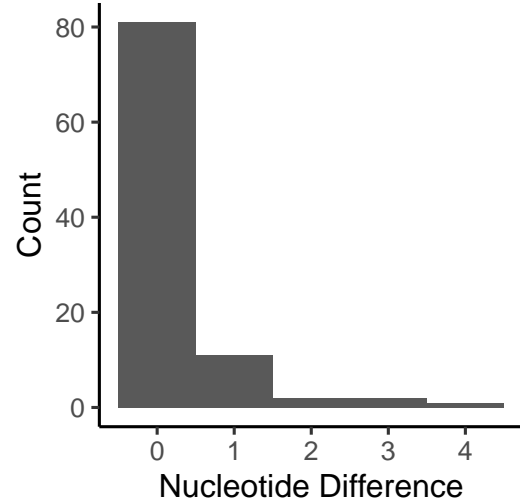
IGKV1D–43*01

31 sequences assigned
28 (90.3%) exact matches, in which:
26 unique CDR3
5 unique J



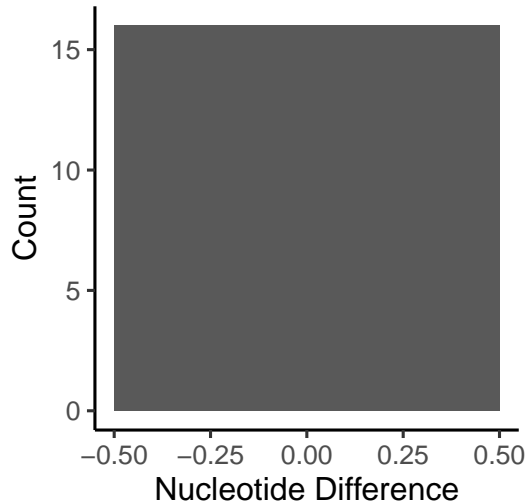
IGKV1E–12*03

97 sequences assigned
81 (83.5%) exact matches, in which:
69 unique CDR3
5 unique J



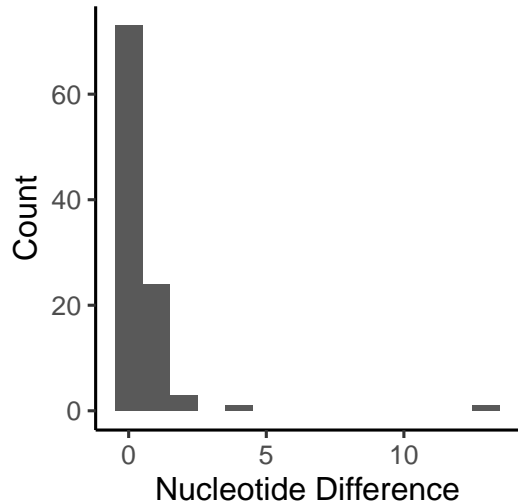
IGKV2D–30*01

16 sequences assigned
16 (100%) exact matches, in which:
16 unique CDR3
5 unique J



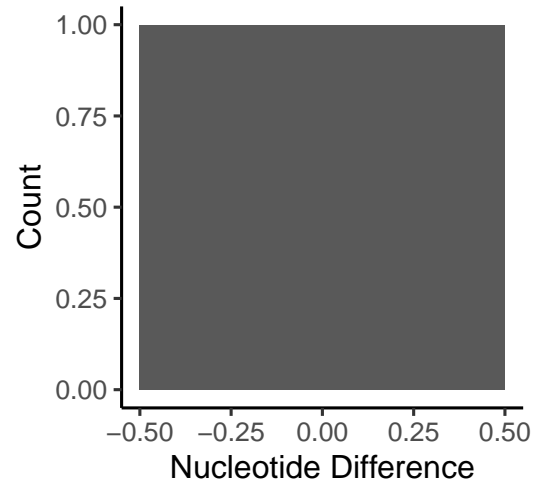
IGKV1E–12*01

102 sequences assigned
73 (71.6%) exact matches, in which:
60 unique CDR3
5 unique J



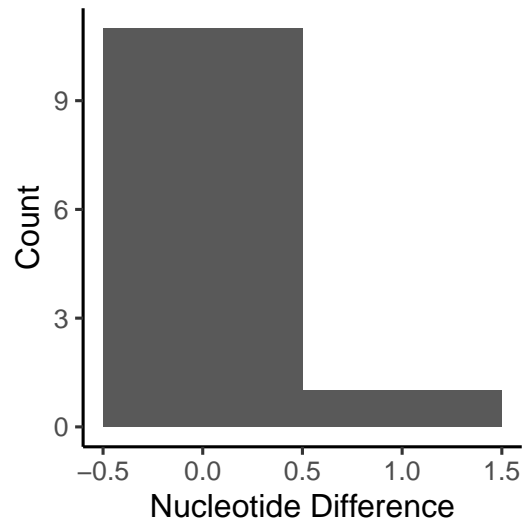
IGKV1E–13*02

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



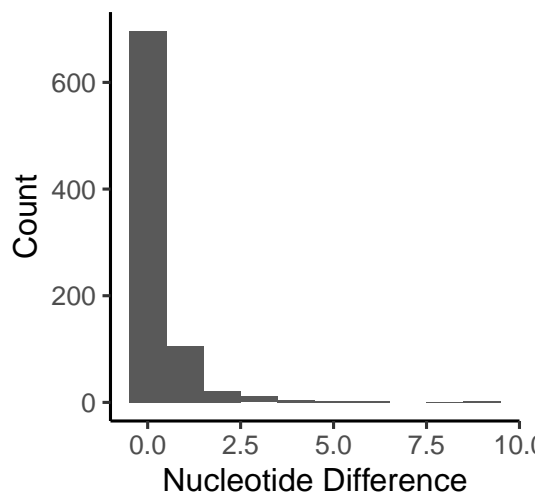
IGKV1E-13*03

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



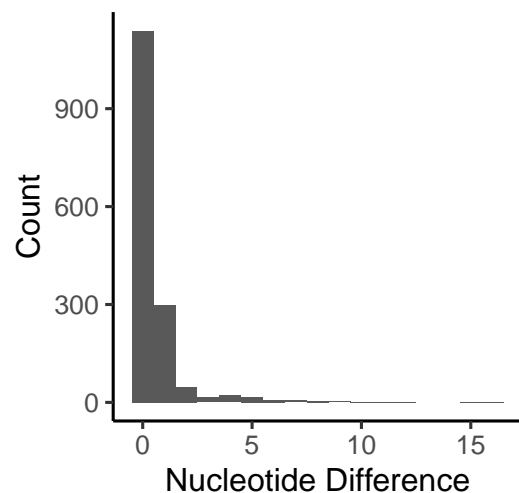
IGKV2E-28*01

850 sequences assigned
697 (82%) exact matches, in which:
540 unique CDR3
5 unique J



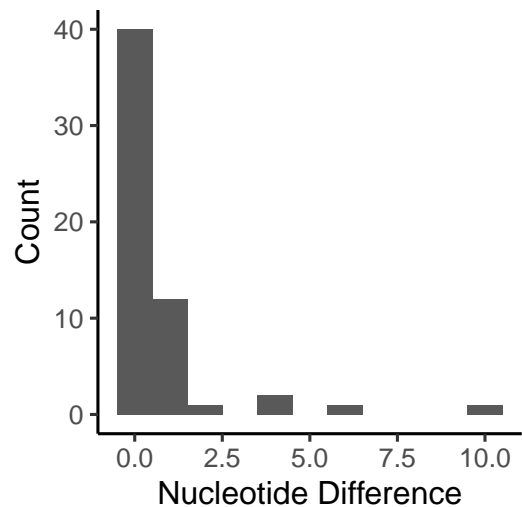
IGKV1E-39*01

1565 sequences assigned
1139 (72.8%) exact matches, in which:
889 unique CDR3
5 unique J



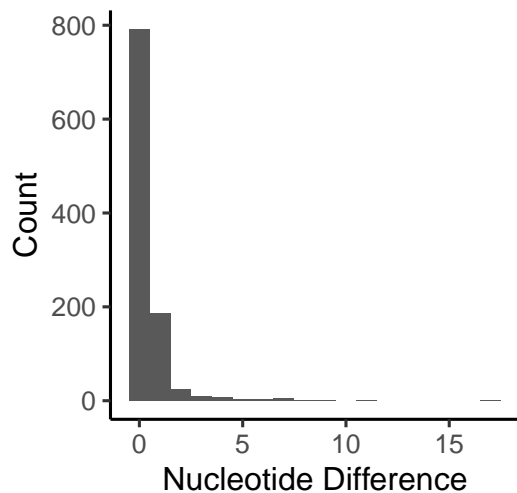
IGKV6E-21*01

57 sequences assigned
40 (70.2%) exact matches, in which:
32 unique CDR3
5 unique J



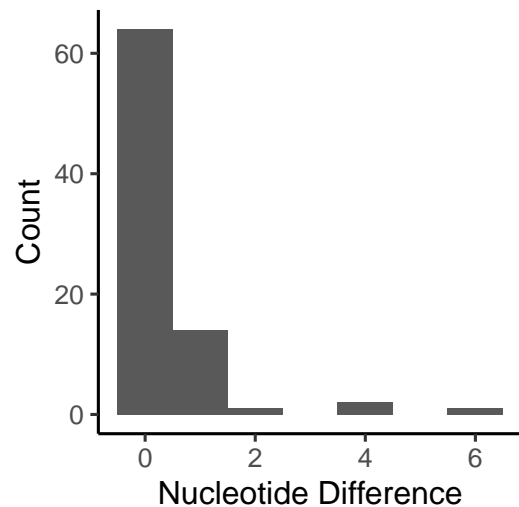
IGKV1E-33*01

1038 sequences assigned
792 (76.3%) exact matches, in which:
625 unique CDR3
5 unique J



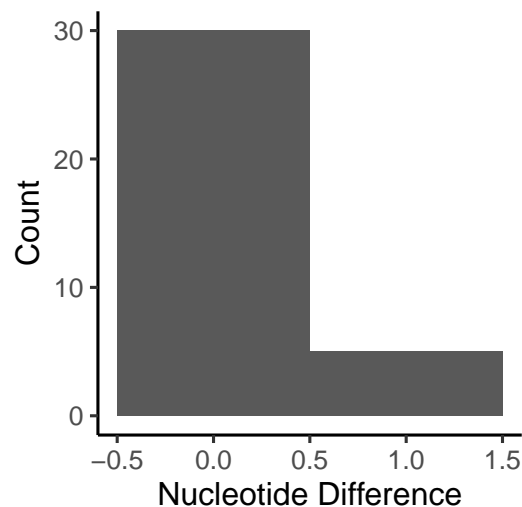
IGKV2E-40*01

82 sequences assigned
64 (78%) exact matches, in which:
55 unique CDR3
5 unique J



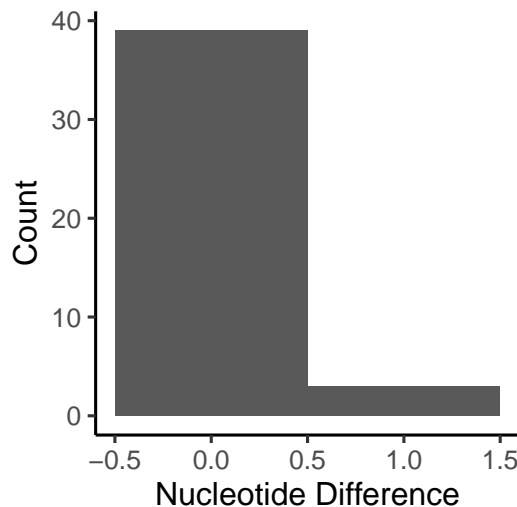
IGKV6E-21*03

35 sequences assigned
30 (85.7%) exact matches, in which:
29 unique CDR3
5 unique J



IGKV1E-37*01

42 sequences assigned
39 (92.9%) exact matches, in which:
38 unique CDR3
5 unique J





Warning – no inferred sequences found.