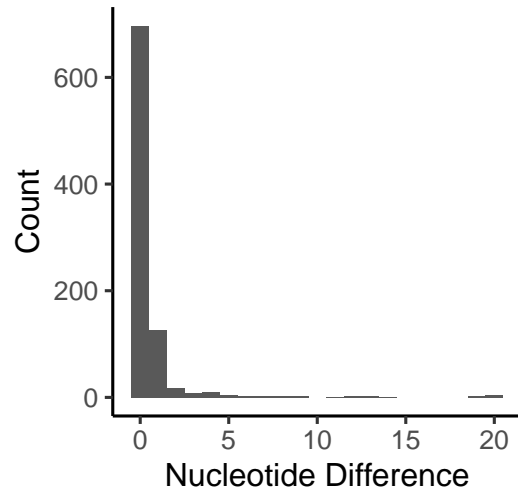


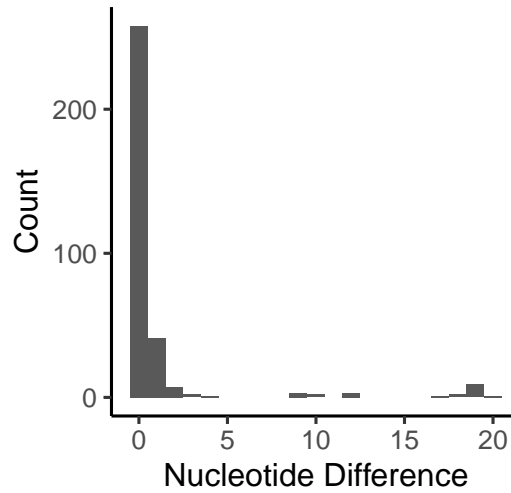
IGKV1-5*03

888 sequences assigned
697 (78.5%) exact matches, in which:
564 unique CDR3
5 unique J



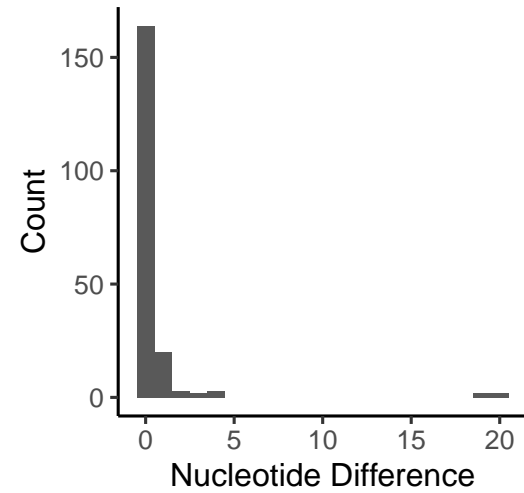
IGKV1-9*01

331 sequences assigned
258 (77.9%) exact matches, in which:
228 unique CDR3
5 unique J



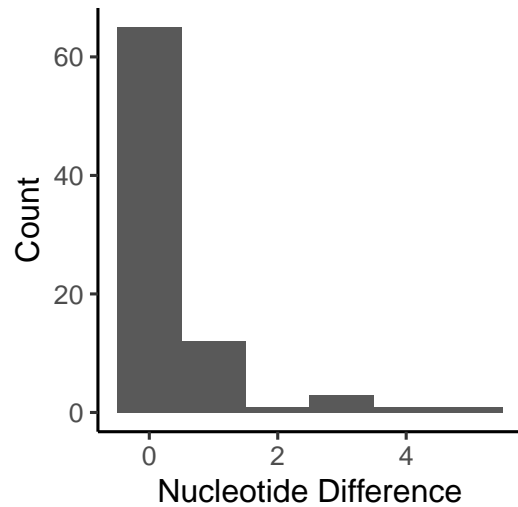
IGKV1-27*01

196 sequences assigned
164 (83.7%) exact matches, in which:
131 unique CDR3
5 unique J



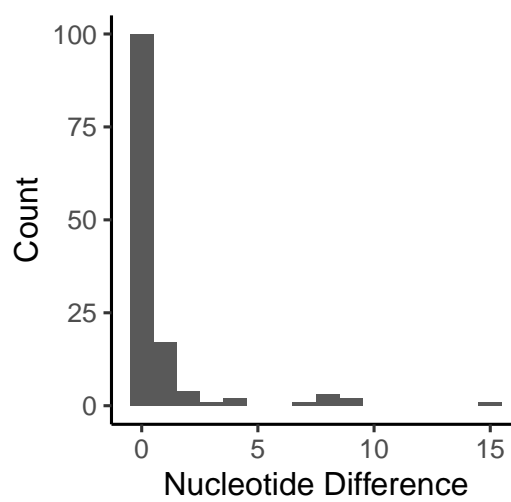
IGKV1-6*01

83 sequences assigned
65 (78.3%) exact matches, in which:
47 unique CDR3
5 unique J



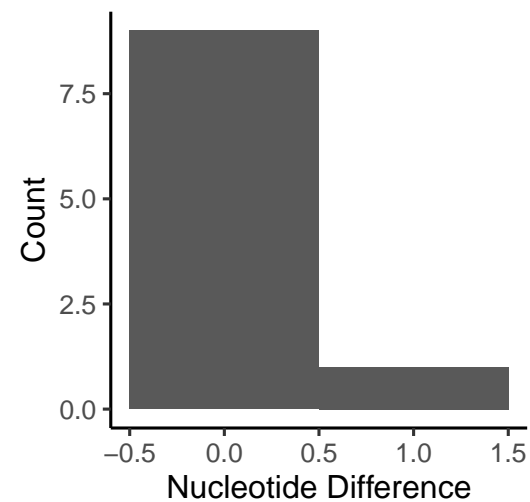
IGKV1-16*02

131 sequences assigned
100 (76.3%) exact matches, in which:
74 unique CDR3
5 unique J



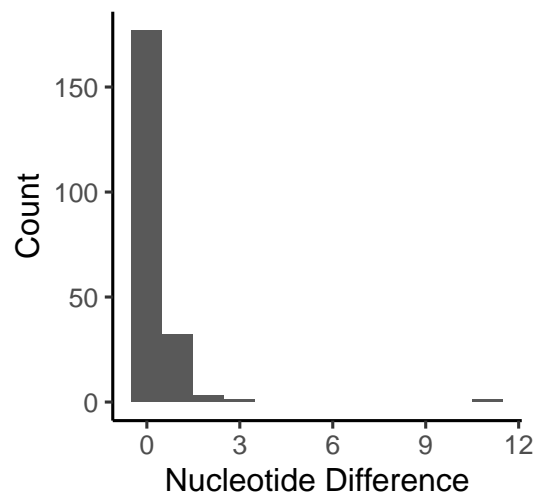
IGKV2/OR22-4*01

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



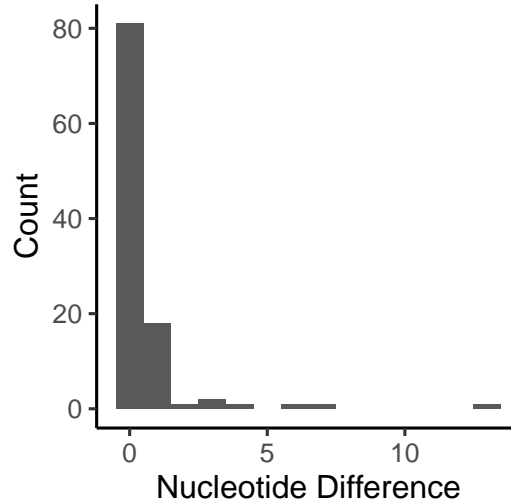
IGKV1-8*01

214 sequences assigned
177 (82.7%) exact matches, in which:
140 unique CDR3
5 unique J



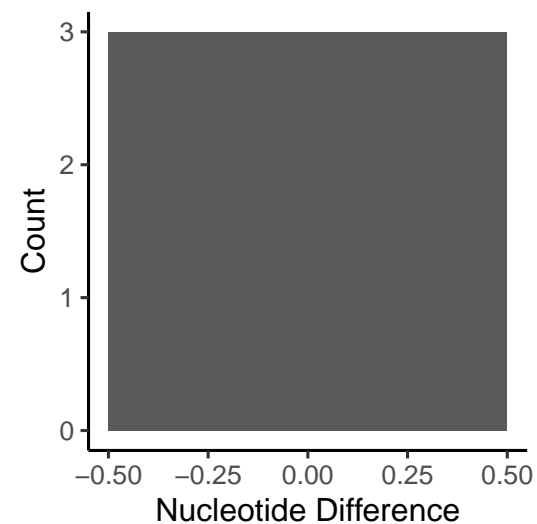
IGKV1-17*01

106 sequences assigned
81 (76.4%) exact matches, in which:
70 unique CDR3
5 unique J



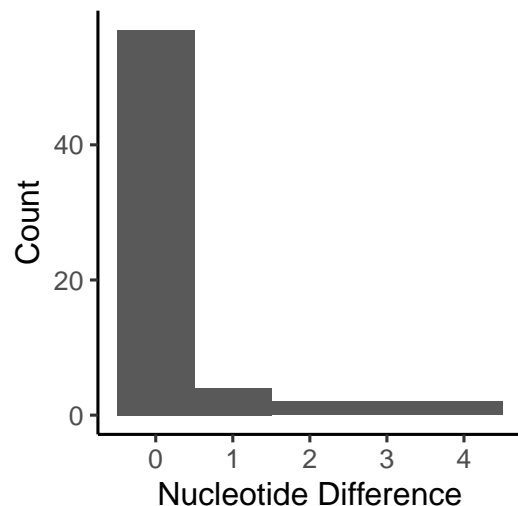
IGKV2-18*01

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



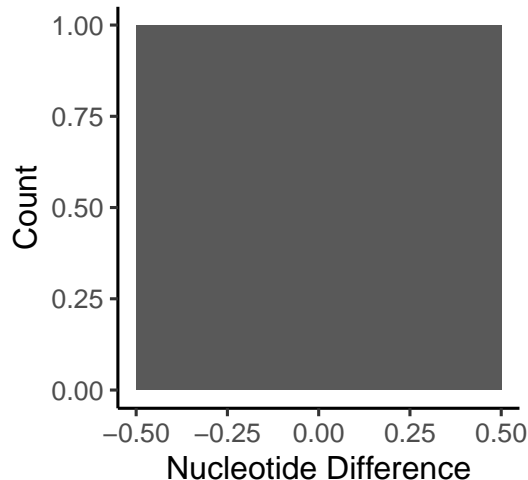
IGKV2-24*01

67 sequences assigned
57 (85.1%) exact matches, in which:
52 unique CDR3
5 unique J



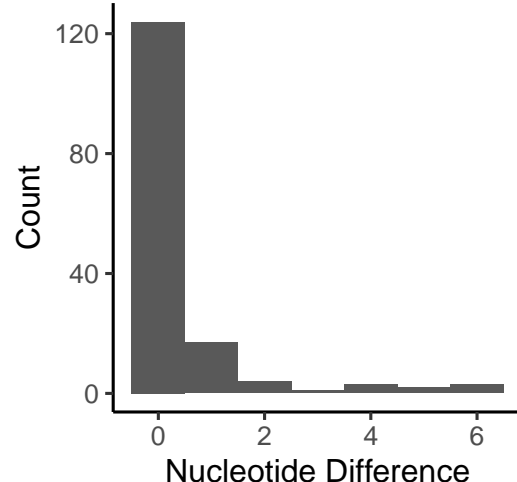
IGKV3/OR2-268*01

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



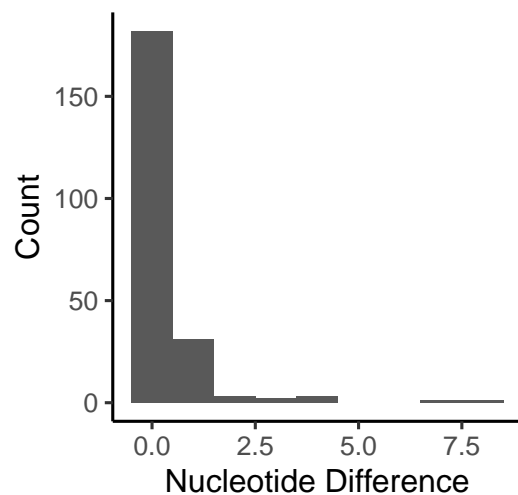
IGKV3-11*01_A223C

154 sequences assigned
124 (80.5%) exact matches, in which:
114 unique CDR3
5 unique J



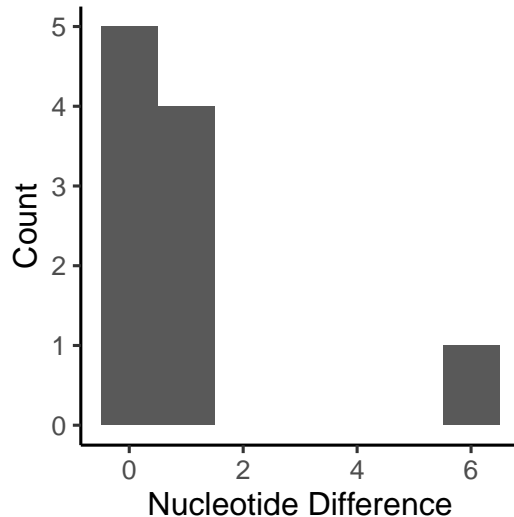
IGKV2-30*01

224 sequences assigned
182 (81.2%) exact matches, in which:
167 unique CDR3
5 unique J



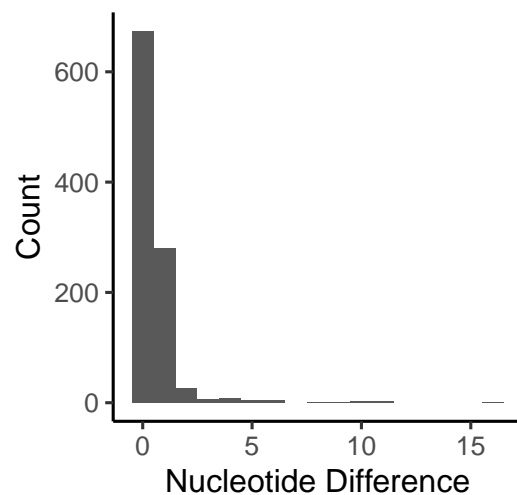
IGKV3-7*04

10 sequences assigned
5 (50%) exact matches, in which:
5 unique CDR3
3 unique J



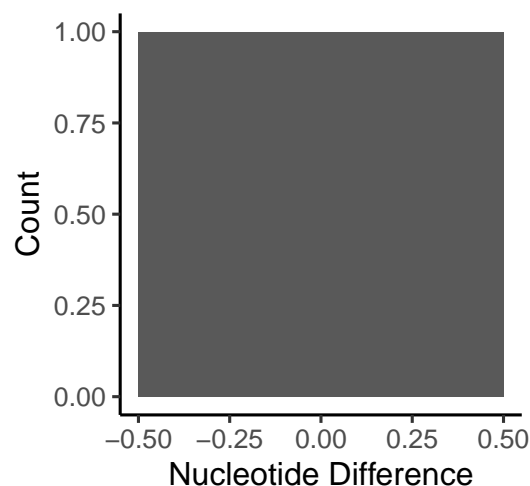
IGKV3-15*01

1012 sequences assigned
674 (66.6%) exact matches, in which:
544 unique CDR3
5 unique J



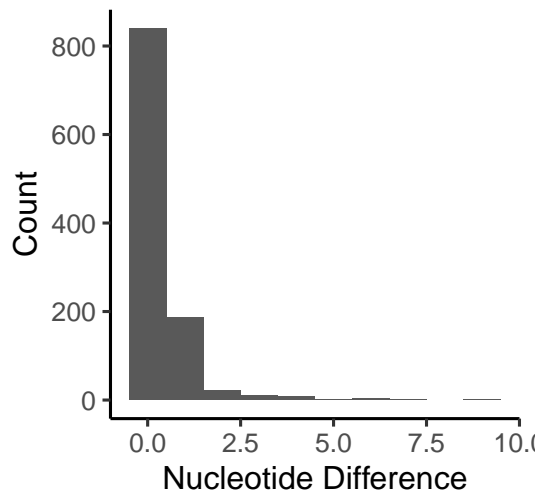
IGKV1/OR2-108*01

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



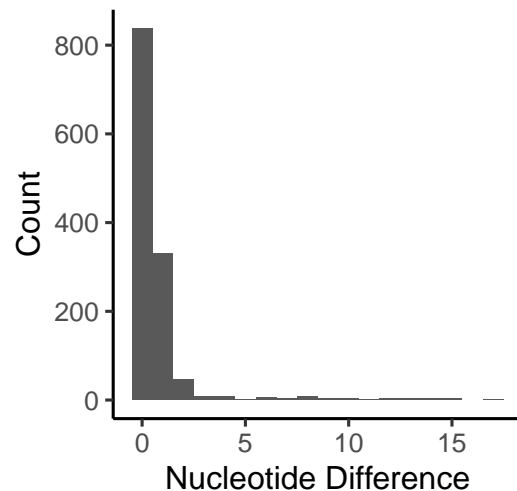
IGKV3-11*01

1073 sequences assigned
840 (78.3%) exact matches, in which:
683 unique CDR3
5 unique J



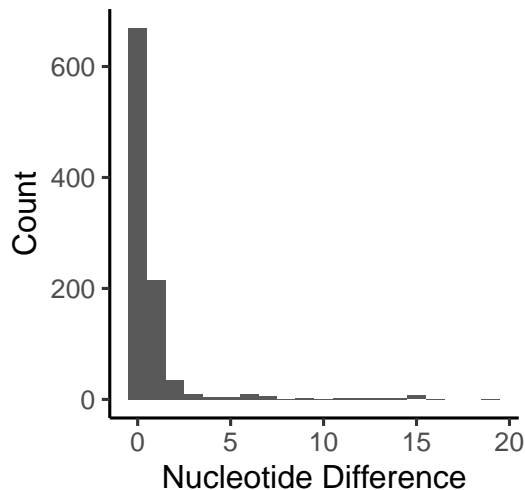
IGKV3-20*01

1281 sequences assigned
838 (65.4%) exact matches, in which:
678 unique CDR3
5 unique J



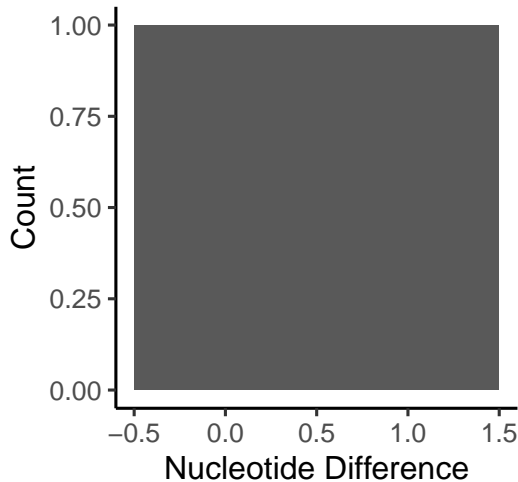
IGKV4–1*01

977 sequences assigned
670 (68.6%) exact matches, in which:
505 unique CDR3
5 unique J



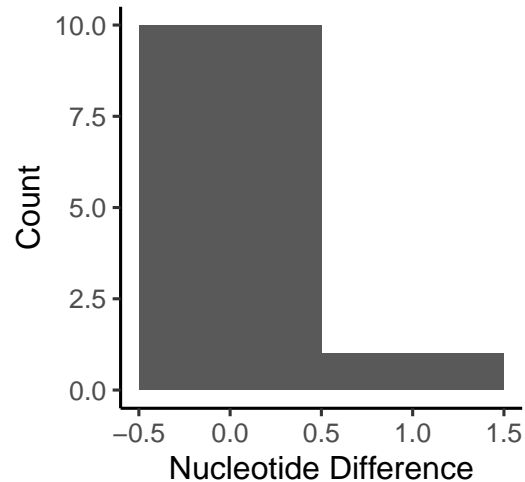
IGKV7–3*01

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



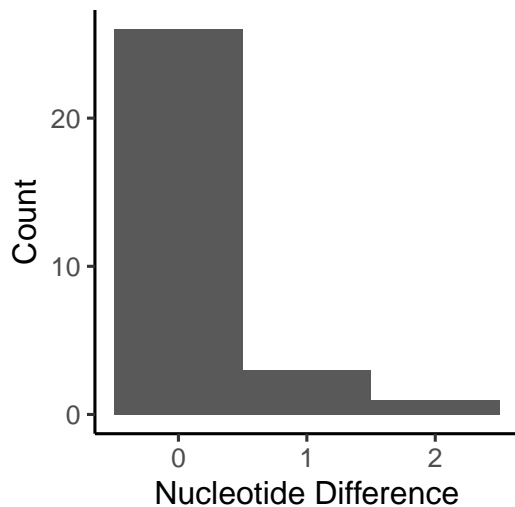
IGKV3D–11*01

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



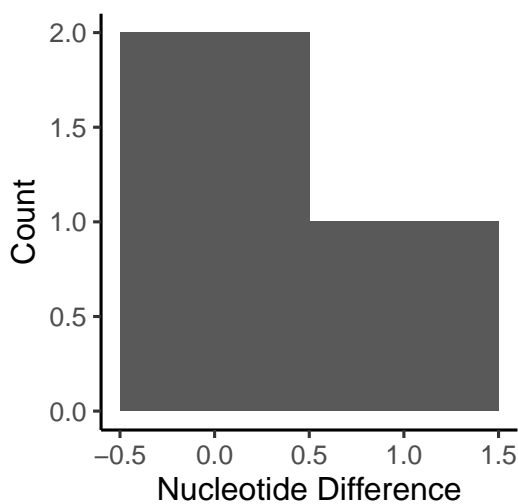
IGKV5–2*01

30 sequences assigned
26 (86.7%) exact matches, in which:
26 unique CDR3
4 unique J



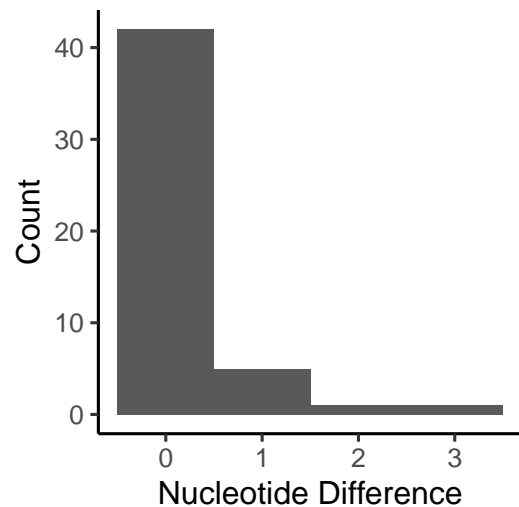
IGKV3D–7*01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
2 unique J



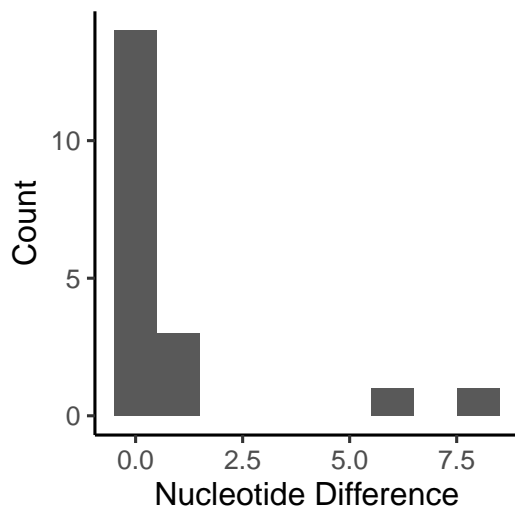
IGKV3D–15*01

49 sequences assigned
42 (85.7%) exact matches, in which:
39 unique CDR3
5 unique J



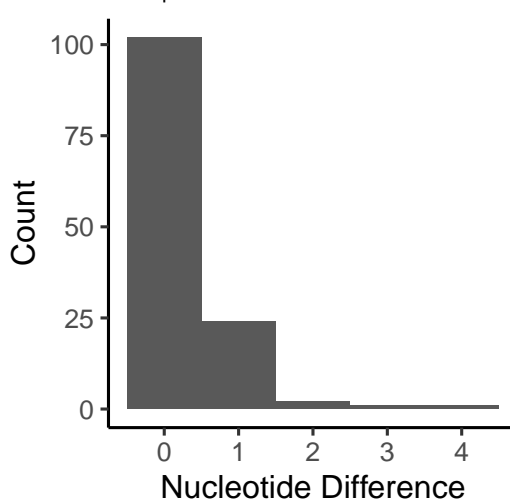
IGKV5–2*01_C214T

19 sequences assigned
14 (73.7%) exact matches, in which:
13 unique CDR3
3 unique J



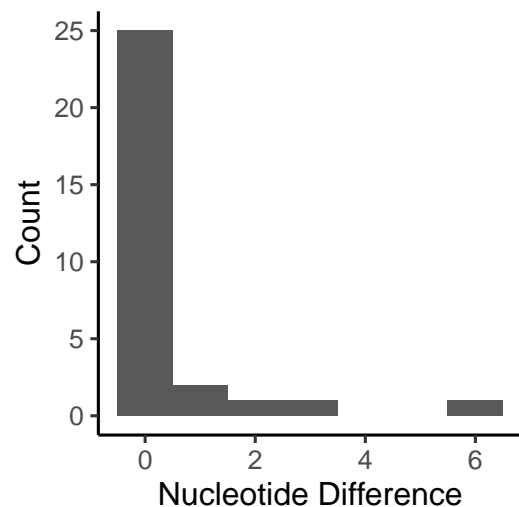
IGKV1D–8*01

130 sequences assigned
102 (78.5%) exact matches, in which:
68 unique CDR3
5 unique J



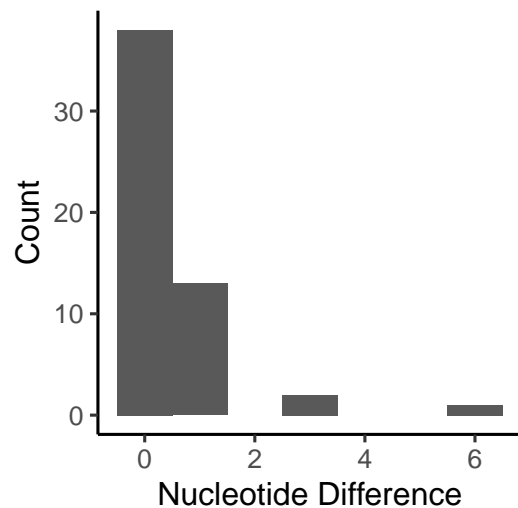
IGKV1D–16*01

30 sequences assigned
25 (83.3%) exact matches, in which:
23 unique CDR3
5 unique J



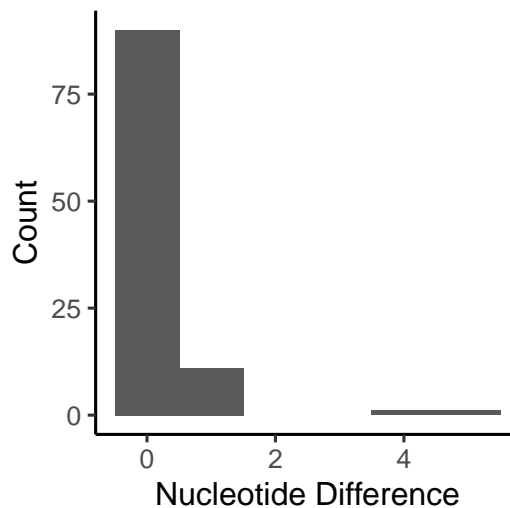
IGKV3D-20*01

54 sequences assigned
38 (70.4%) exact matches, in which:
37 unique CDR3
5 unique J



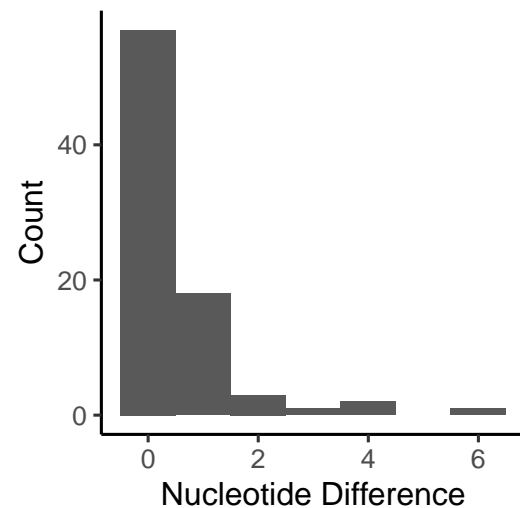
IGKV2D-29*01

103 sequences assigned
90 (87.4%) exact matches, in which:
86 unique CDR3
5 unique J



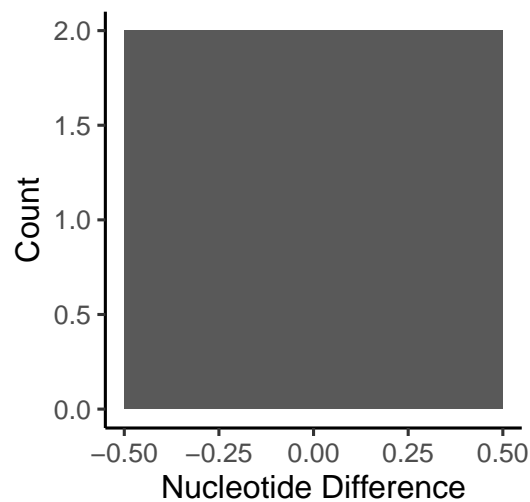
IGKV1E-12*01

82 sequences assigned
57 (69.5%) exact matches, in which:
39 unique CDR3
5 unique J



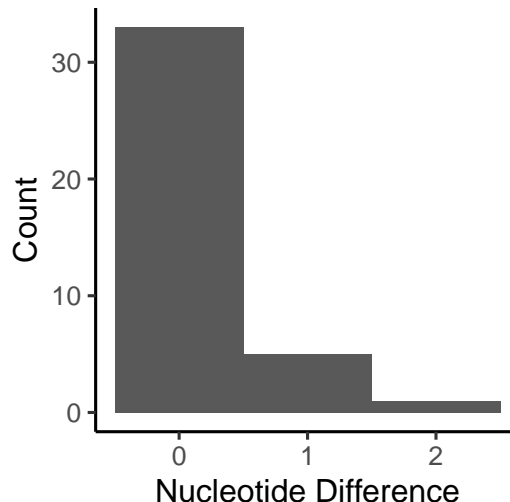
IGKV2D-24*01

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



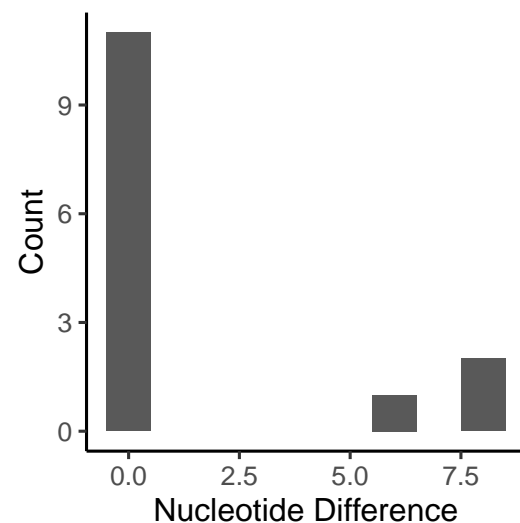
IGKV2D-30*01

39 sequences assigned
33 (84.6%) exact matches, in which:
32 unique CDR3
5 unique J



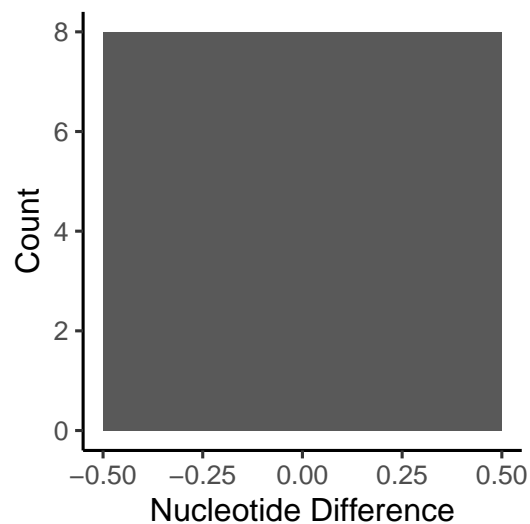
IGKV1E-12*02

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



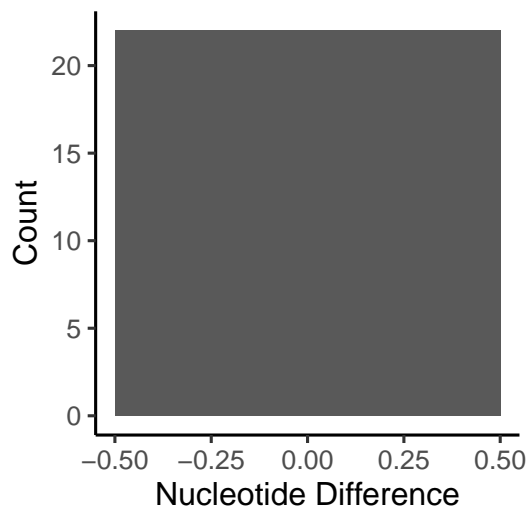
IGKV2D-26*03

8 sequences assigned
8 (100%) exact matches, in which:
8 unique CDR3
4 unique J



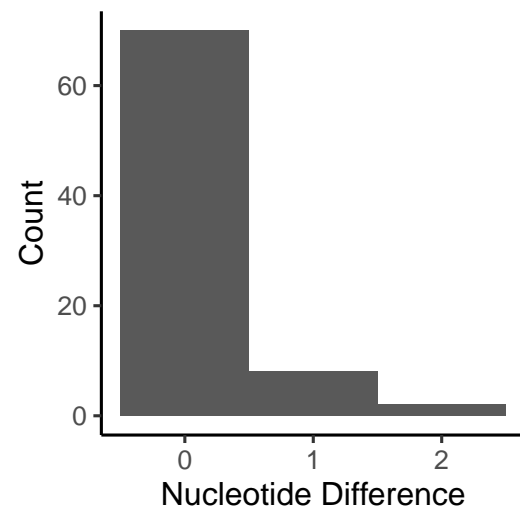
IGKV1D-43*01

22 sequences assigned
22 (100%) exact matches, in which:
21 unique CDR3
5 unique J



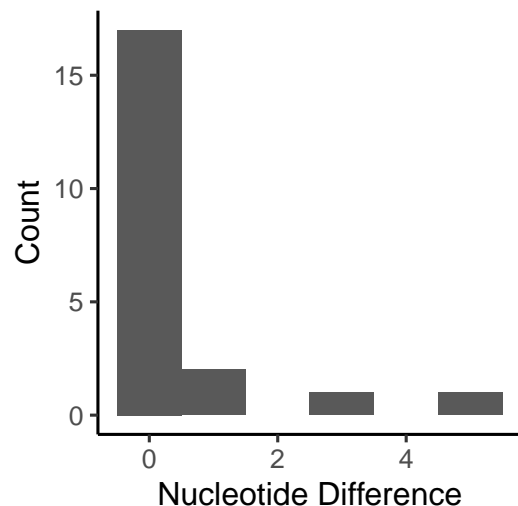
IGKV1E-12*03

80 sequences assigned
70 (87.5%) exact matches, in which:
57 unique CDR3
5 unique J



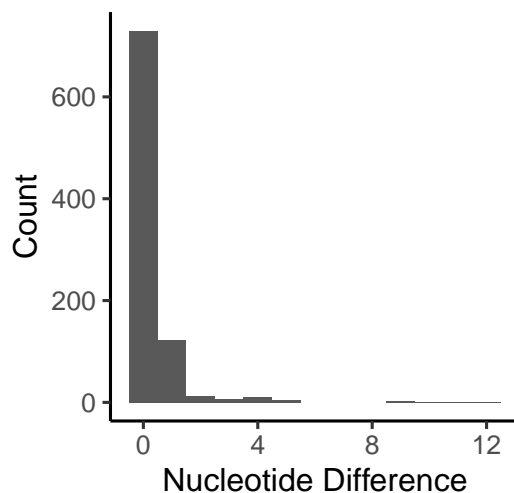
IGKV1E-13*03

21 sequences assigned
17 (81%) exact matches, in which:
16 unique CDR3
4 unique J



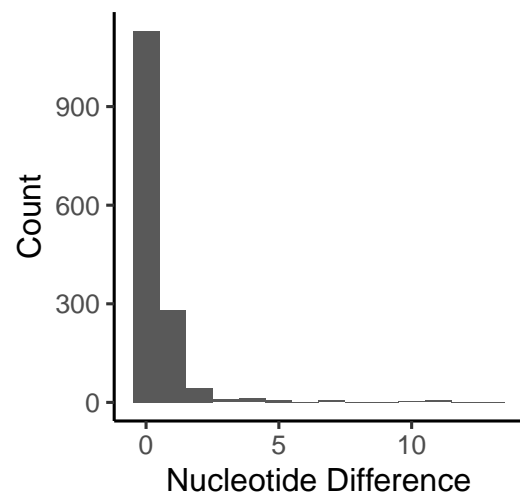
IGKV2E-28*01

893 sequences assigned
730 (81.7%) exact matches, in which:
565 unique CDR3
5 unique J



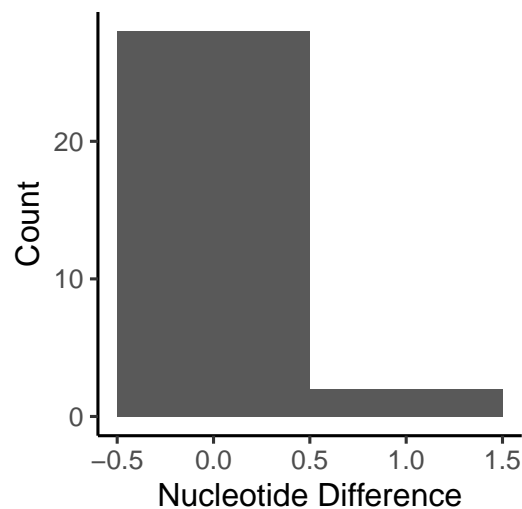
IGKV1E-39*01

1509 sequences assigned
1131 (75%) exact matches, in which:
841 unique CDR3
5 unique J



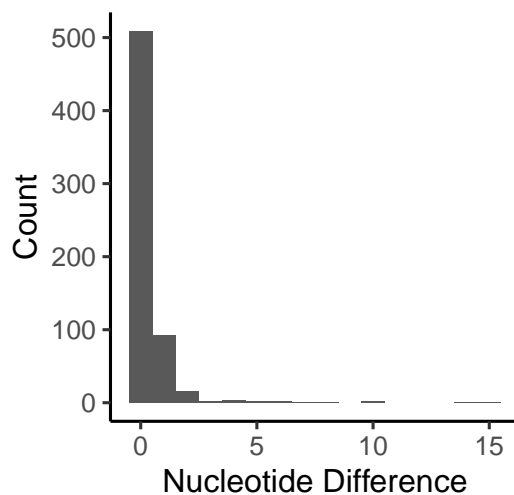
IGKV6E-21*01

30 sequences assigned
28 (93.3%) exact matches, in which:
25 unique CDR3
5 unique J



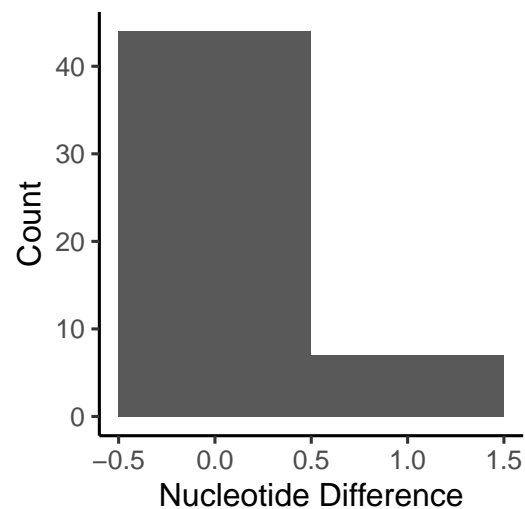
IGKV1E-33*01

635 sequences assigned
509 (80.2%) exact matches, in which:
385 unique CDR3
5 unique J



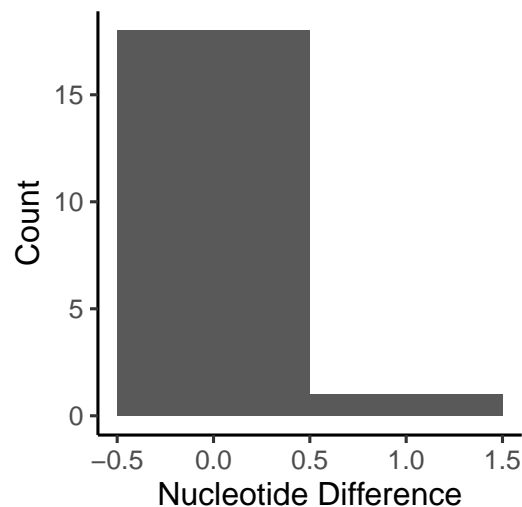
IGKV2E-40*01

51 sequences assigned
44 (86.3%) exact matches, in which:
34 unique CDR3
5 unique J



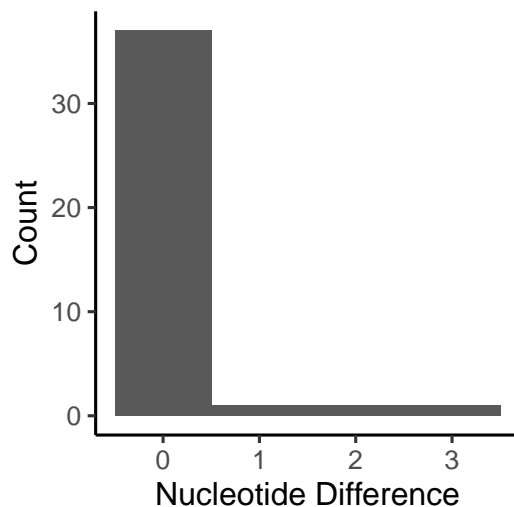
IGKV6E-21*03

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



IGKV1E-37*01

40 sequences assigned
37 (92.5%) exact matches, in which:
34 unique CDR3
5 unique J





Warning – no inferred sequences found.