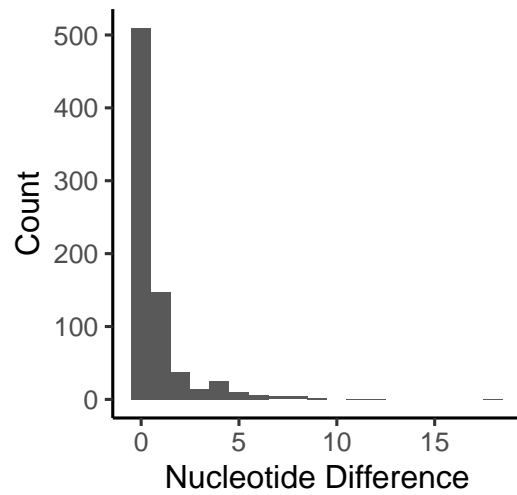


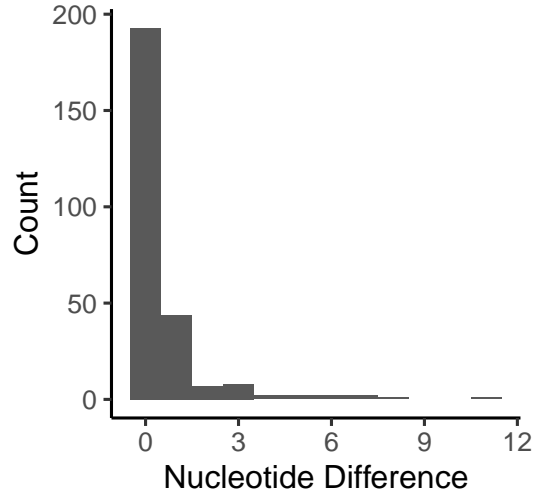
IGKV1-5*03

764 sequences assigned
510 (66.8%) exact matches, in which:
415 unique CDR3
5 unique J



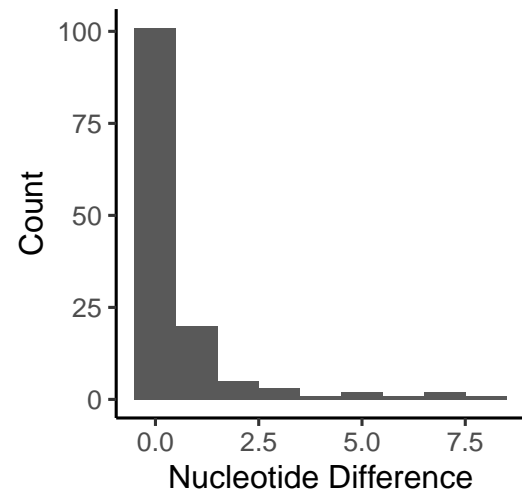
IGKV1-9*01

262 sequences assigned
193 (73.7%) exact matches, in which:
172 unique CDR3
5 unique J



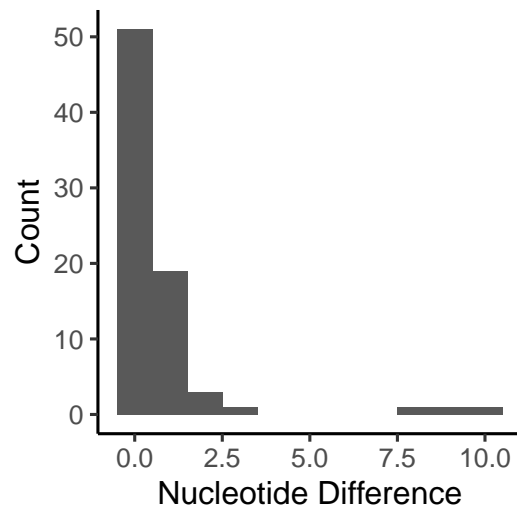
IGKV1-27*01

136 sequences assigned
101 (74.3%) exact matches, in which:
88 unique CDR3
5 unique J



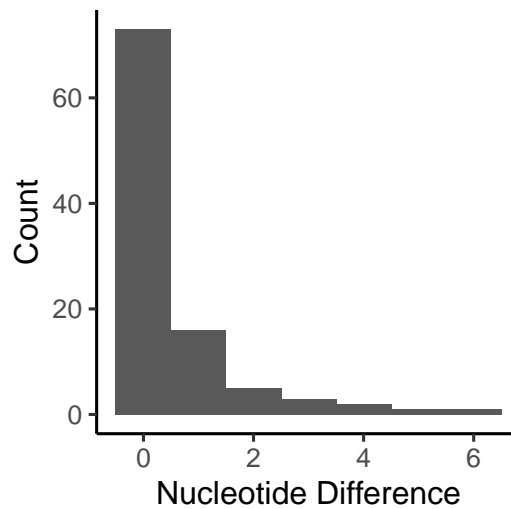
IGKV1-6*01

77 sequences assigned
51 (66.2%) exact matches, in which:
39 unique CDR3
4 unique J



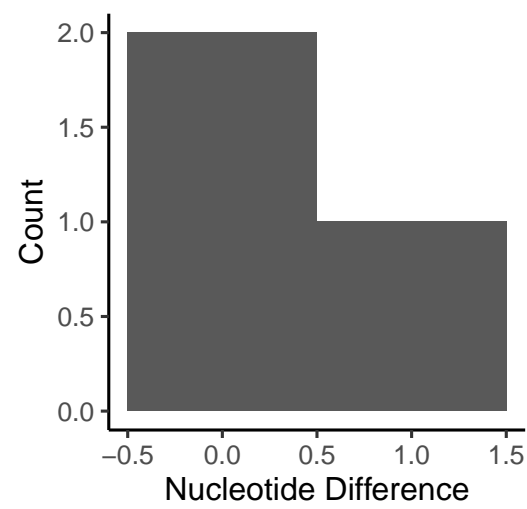
IGKV1-16*02

101 sequences assigned
73 (72.3%) exact matches, in which:
59 unique CDR3
5 unique J



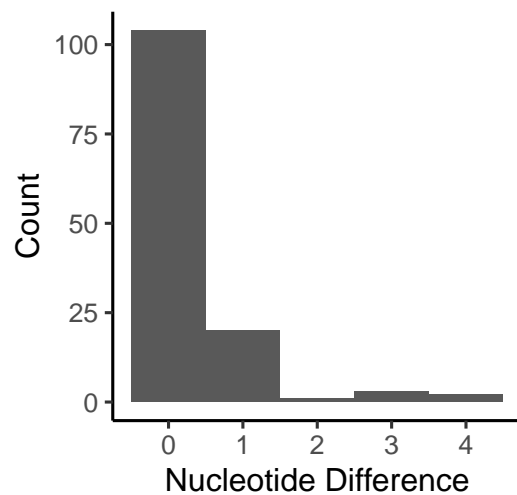
IGKV2/OR22-4*01

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



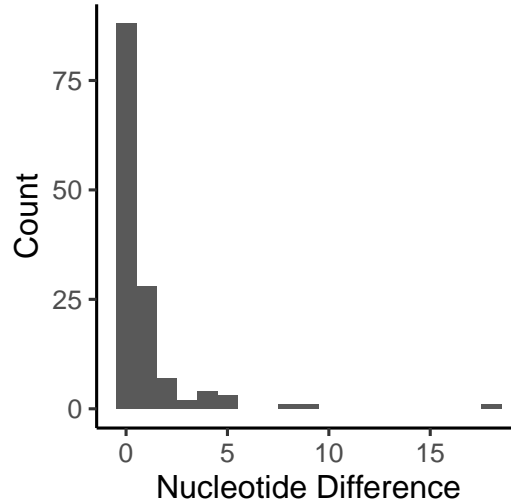
IGKV1-8*01

130 sequences assigned
104 (80%) exact matches, in which:
87 unique CDR3
5 unique J



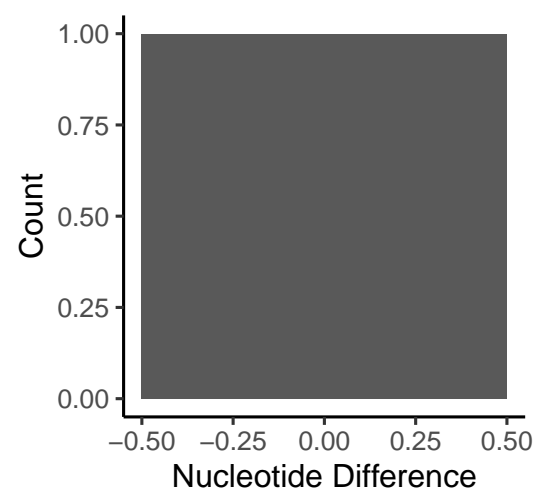
IGKV1-17*01

135 sequences assigned
88 (65.2%) exact matches, in which:
76 unique CDR3
5 unique J



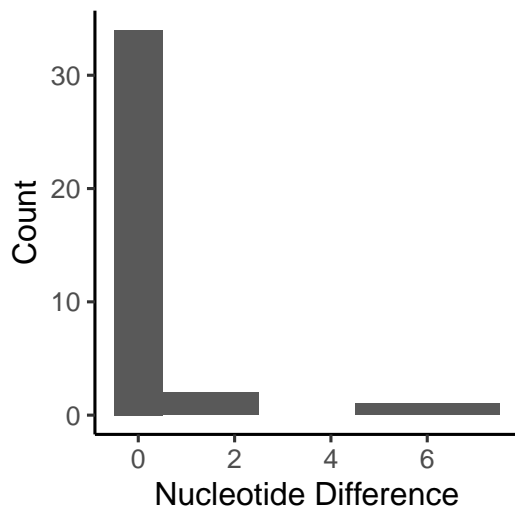
IGKV2-18*01

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



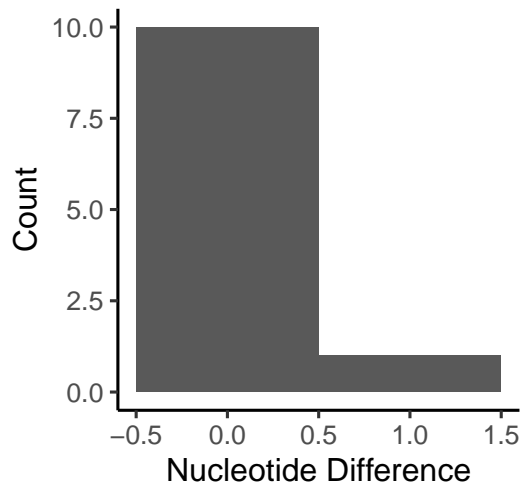
IGKV2-24*01

41 sequences assigned
34 (82.9%) exact matches, in which:
33 unique CDR3
5 unique J



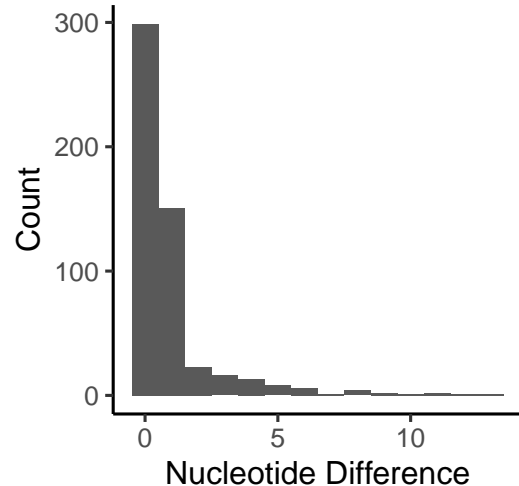
IGKV3-7*04

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



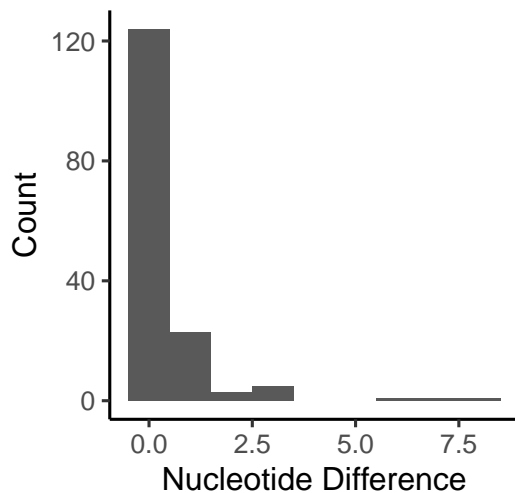
IGKV3-15*01

529 sequences assigned
299 (56.5%) exact matches, in which:
260 unique CDR3
5 unique J



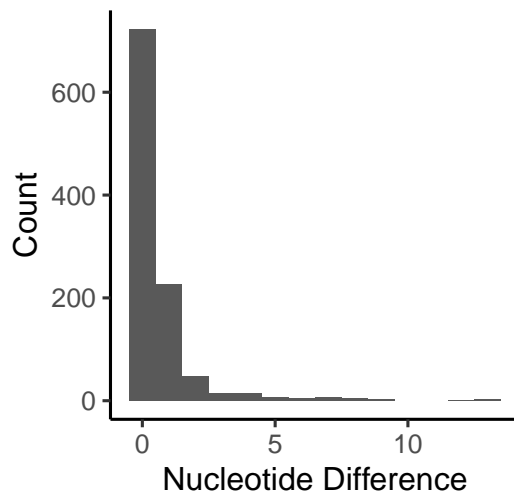
IGKV2-30*01

158 sequences assigned
124 (78.5%) exact matches, in which:
114 unique CDR3
5 unique J



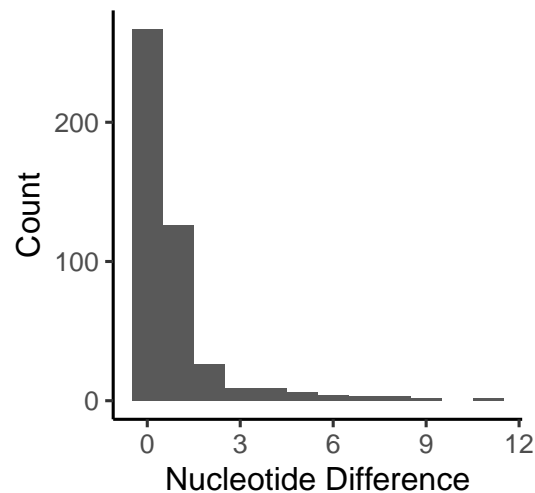
IGKV3-11*01

1055 sequences assigned
723 (68.5%) exact matches, in which:
592 unique CDR3
5 unique J



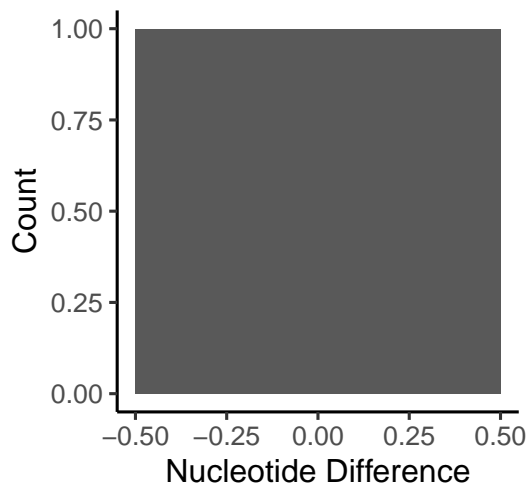
IGKV3-15*01_C141G

457 sequences assigned
267 (58.4%) exact matches, in which:
236 unique CDR3
5 unique J



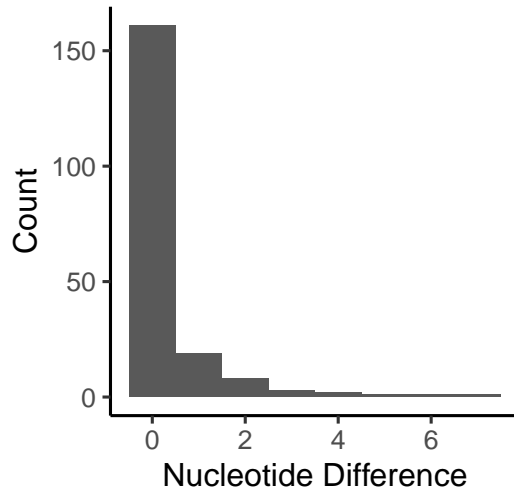
IGKV1/OR2-108*01

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



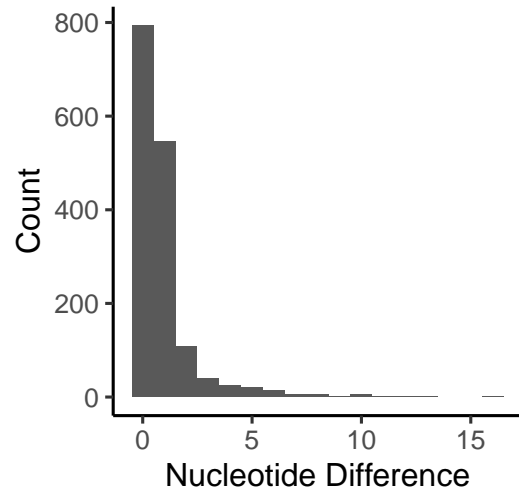
IGKV3-11*01_A223C

196 sequences assigned
161 (82.1%) exact matches, in which:
153 unique CDR3
5 unique J



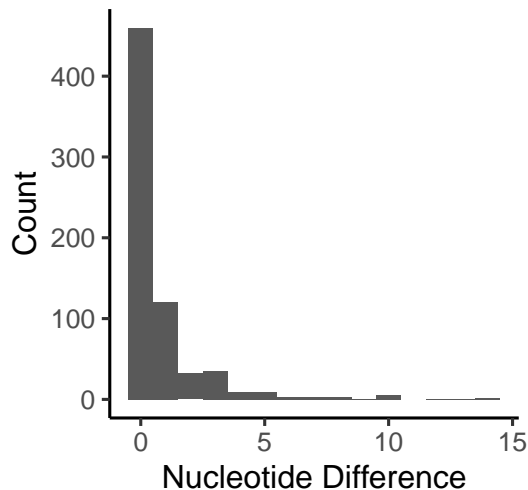
IGKV3-20*01

1569 sequences assigned
794 (50.6%) exact matches, in which:
662 unique CDR3
5 unique J



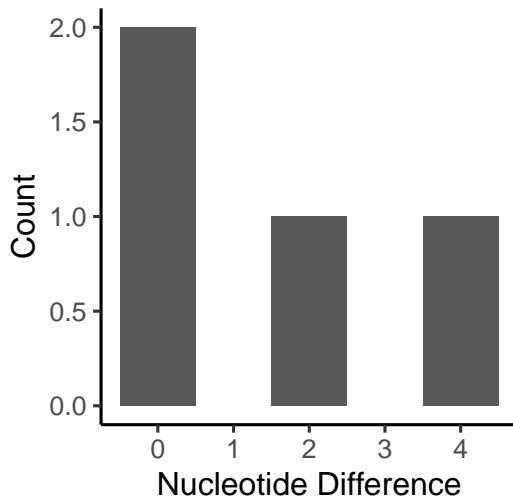
IGKV4–1*01

686 sequences assigned
460 (67.1%) exact matches, in which:
366 unique CDR3
5 unique J



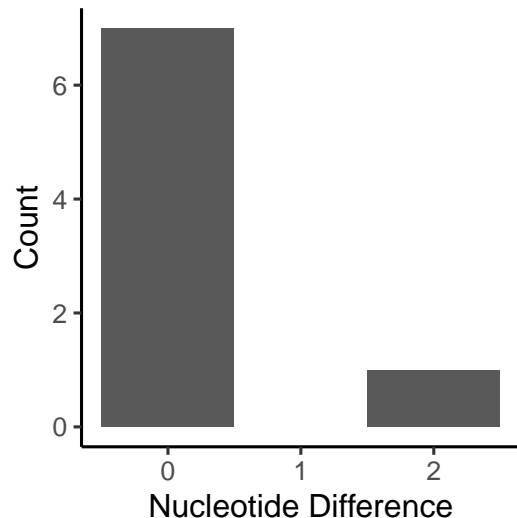
IGKV7–3*01

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



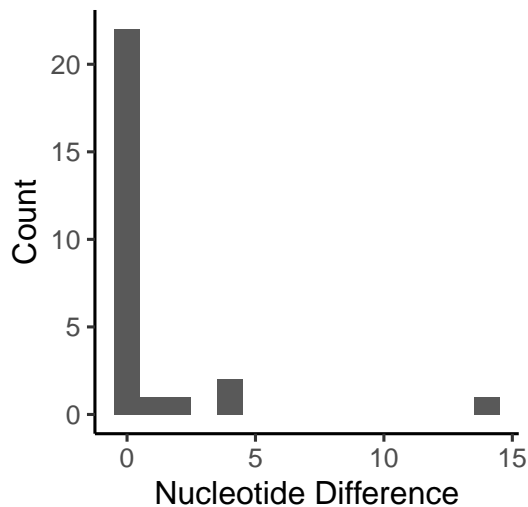
IGKV3D–11*01

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



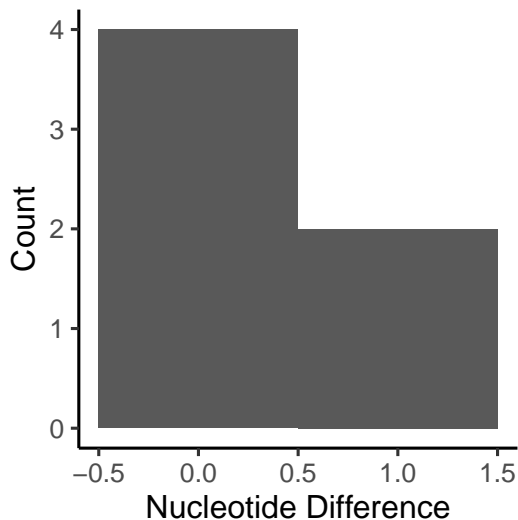
IGKV5–2*01

27 sequences assigned
22 (81.5%) exact matches, in which:
21 unique CDR3
5 unique J



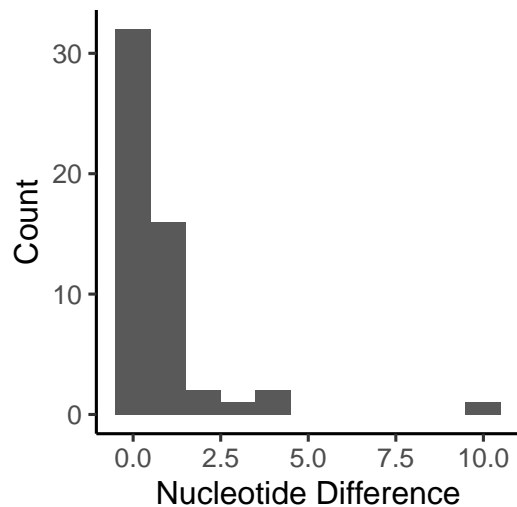
IGKV3D–7*01

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



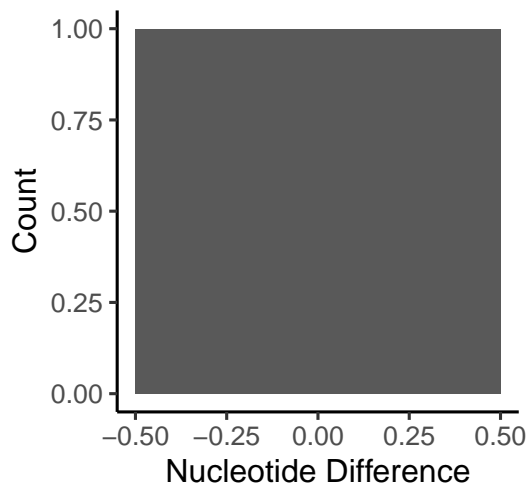
IGKV3D–15*01

54 sequences assigned
32 (59.3%) exact matches, in which:
32 unique CDR3
5 unique J



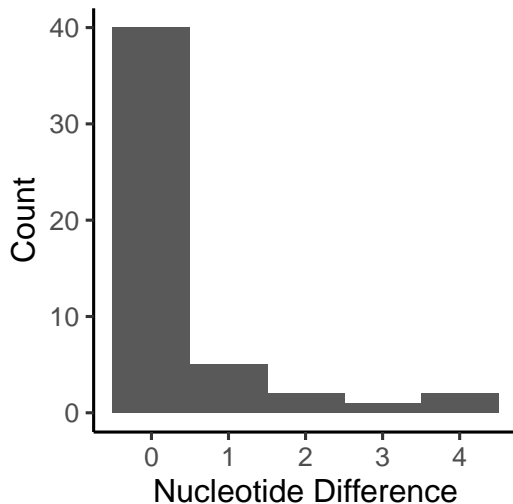
IGKV1/OR15–118*01

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



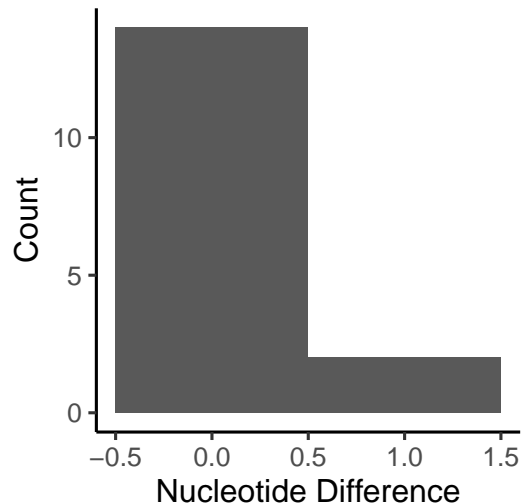
IGKV1D–8*01

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



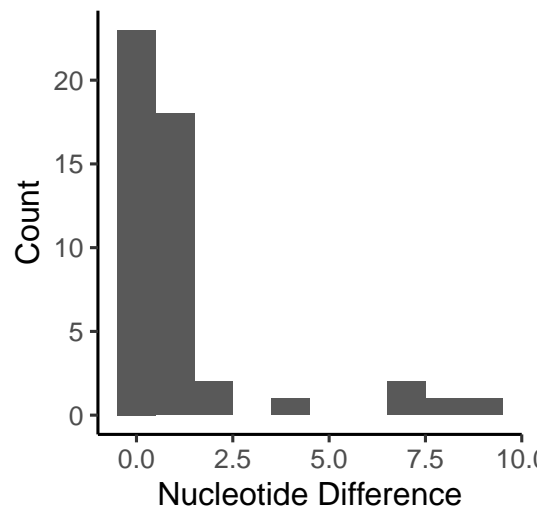
IGKV1D–16*01

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



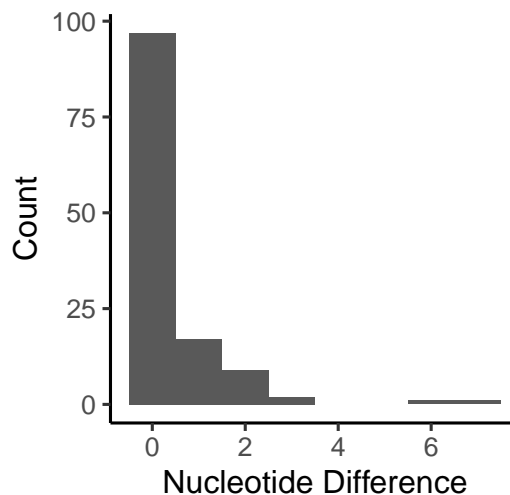
IGKV3D-20*01

48 sequences assigned
23 (47.9%) exact matches, in which:
22 unique CDR3
5 unique J



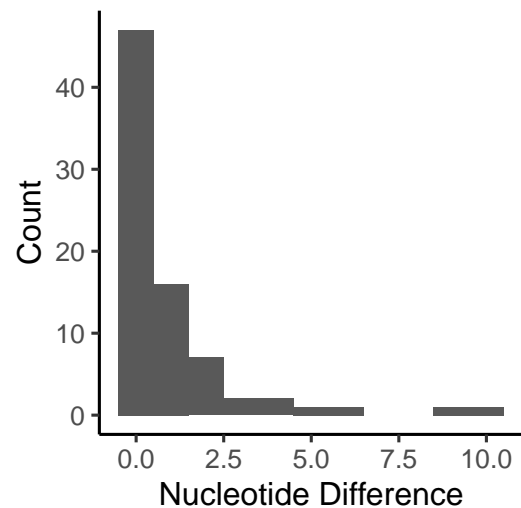
IGKV2D-29*01

127 sequences assigned
97 (76.4%) exact matches, in which:
87 unique CDR3
5 unique J



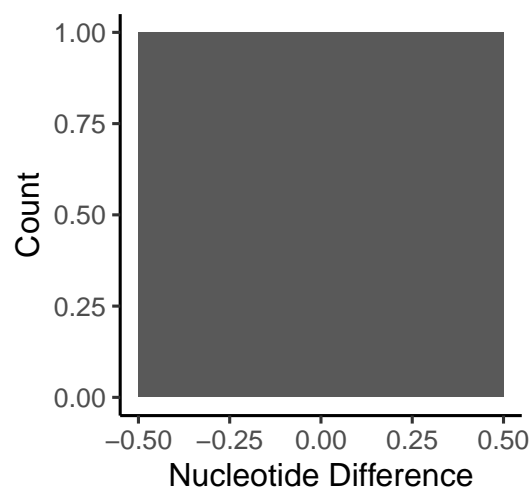
IGKV1E-12*01

78 sequences assigned
47 (60.3%) exact matches, in which:
33 unique CDR3
5 unique J



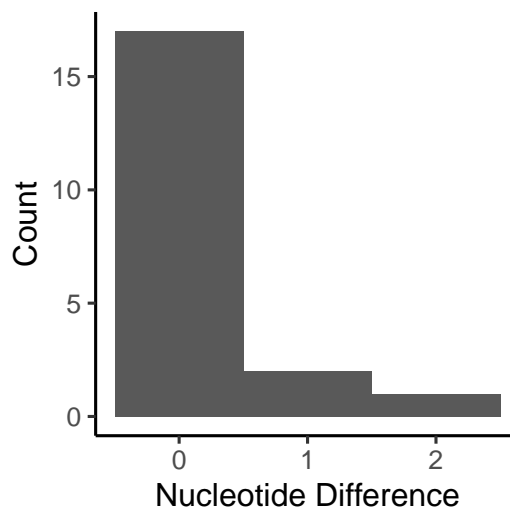
IGKV2D-24*01

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



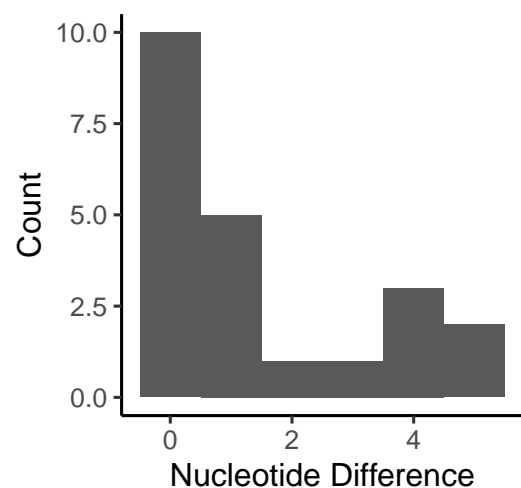
IGKV2D-30*01

20 sequences assigned
17 (85%) exact matches, in which:
17 unique CDR3
5 unique J



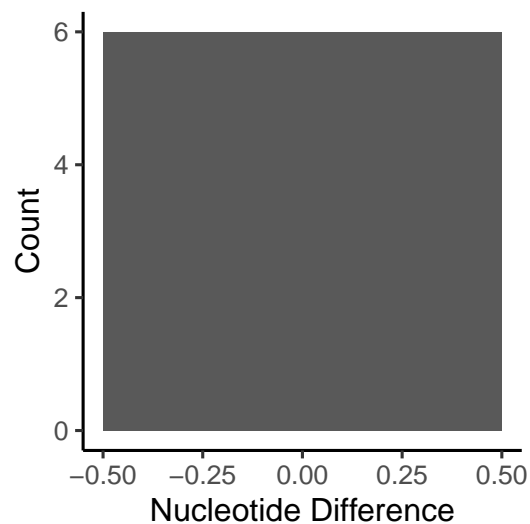
IGKV1E-12*02

22 sequences assigned
10 (45.5%) exact matches, in which:
6 unique CDR3
5 unique J



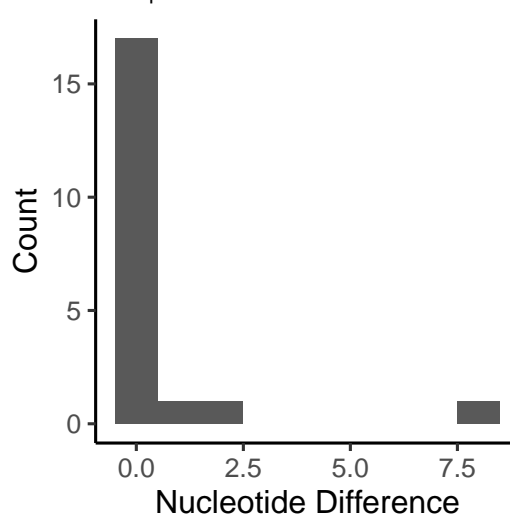
IGKV2D-26*03

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
2 unique J



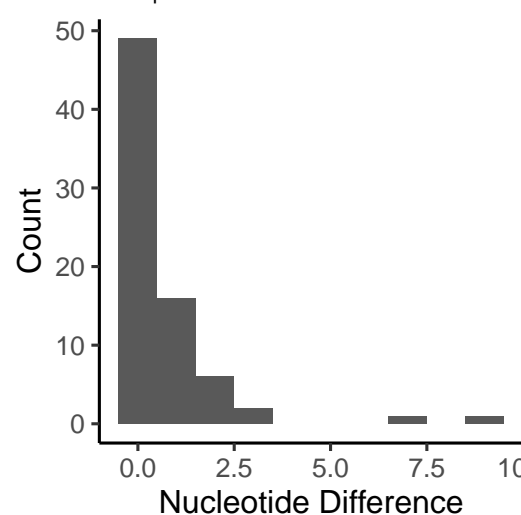
IGKV1D-43*01

20 sequences assigned
17 (85%) exact matches, in which:
17 unique CDR3
4 unique J



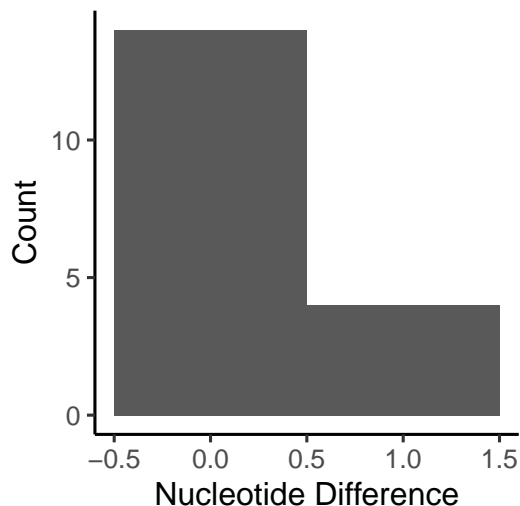
IGKV1E-12*03

75 sequences assigned
49 (65.3%) exact matches, in which:
39 unique CDR3
5 unique J



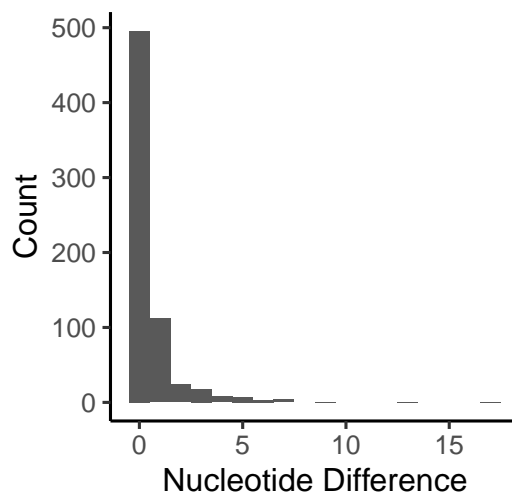
IGKV1E-13*03

18 sequences assigned
14 (77.8%) exact matches, in which:
12 unique CDR3
3 unique J



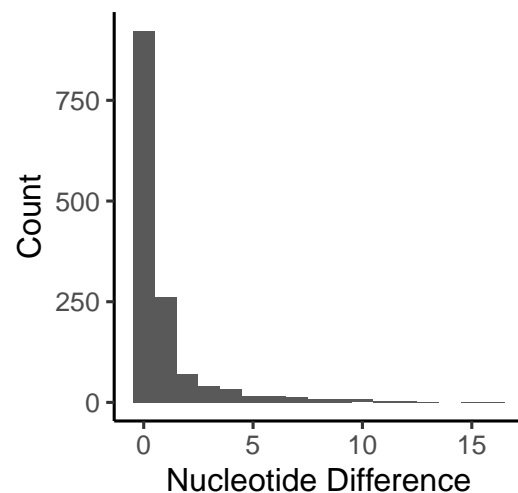
IGKV2E-28*01

675 sequences assigned
496 (73.5%) exact matches, in which:
408 unique CDR3
5 unique J



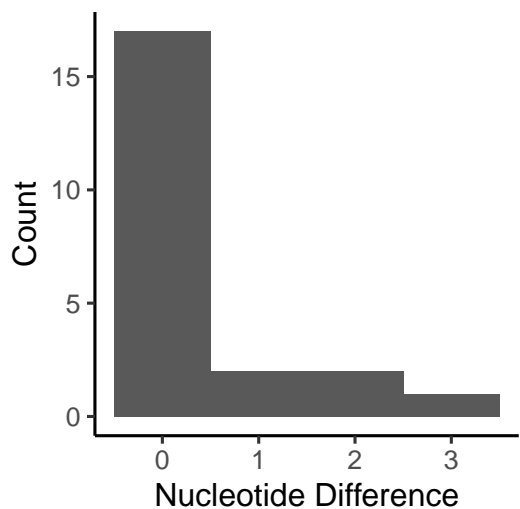
IGKV1E-39*01

1411 sequences assigned
923 (65.4%) exact matches, in which:
689 unique CDR3
5 unique J



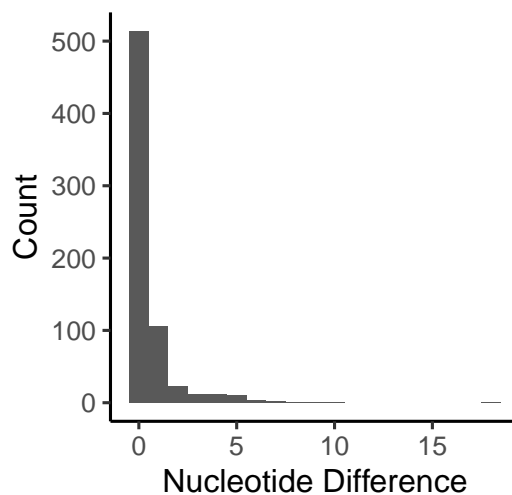
IGKV6E-21*01

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



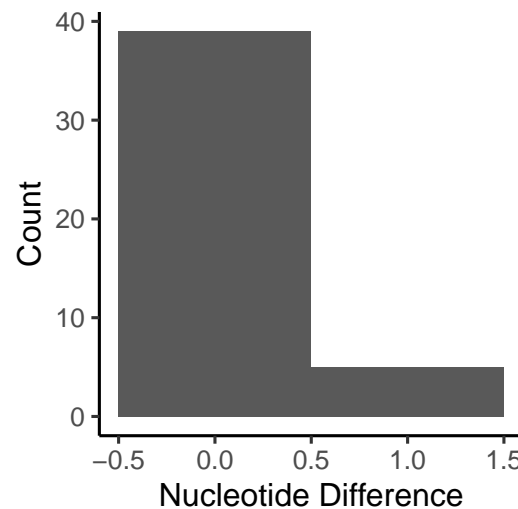
IGKV1E-33*01

689 sequences assigned
514 (74.6%) exact matches, in which:
420 unique CDR3
5 unique J



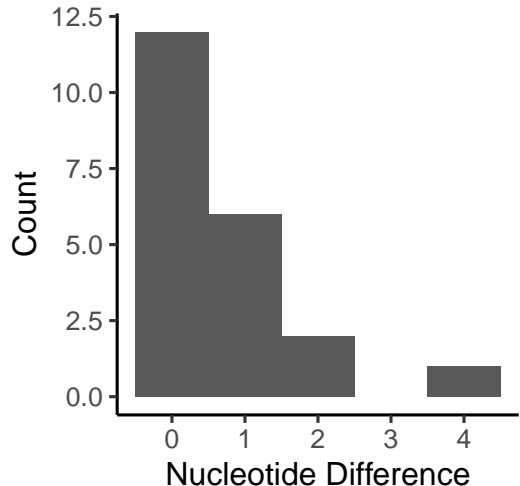
IGKV2E-40*01

44 sequences assigned
39 (88.6%) exact matches, in which:
32 unique CDR3
5 unique J



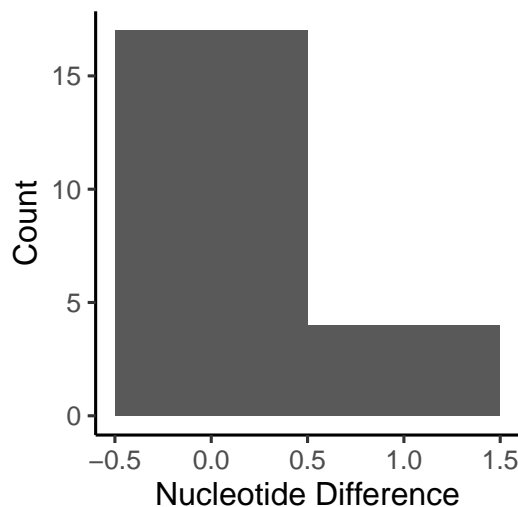
IGKV6E-21*03

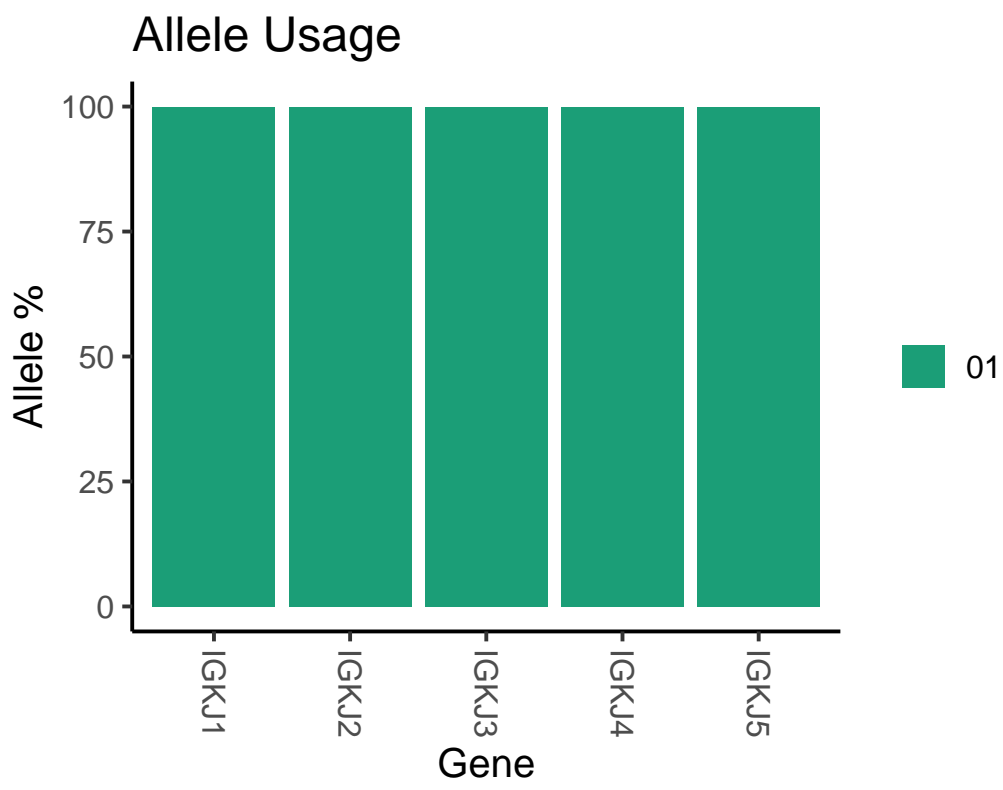
24 sequences assigned
12 (50%) exact matches, in which:
12 unique CDR3
4 unique J



IGKV1E-37*01

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





Warning – no inferred sequences found.