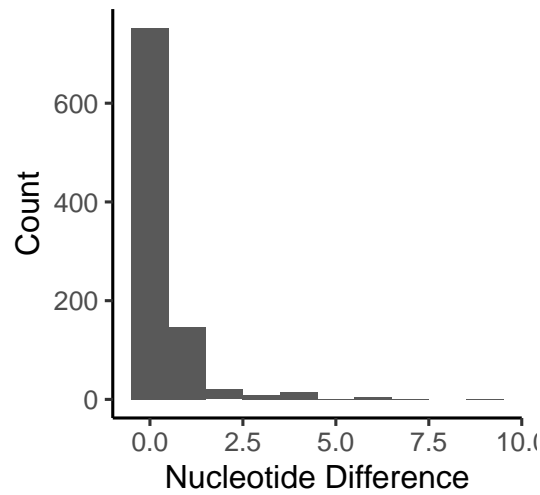


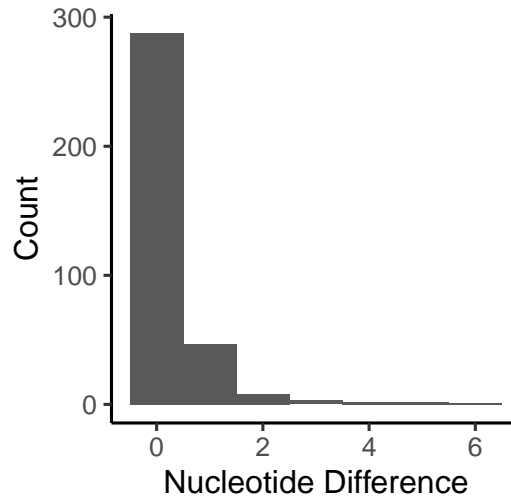
IGKV1–5*03

951 sequences assigned
753 (79.2%) exact matches, in which:
595 unique CDR3
5 unique J



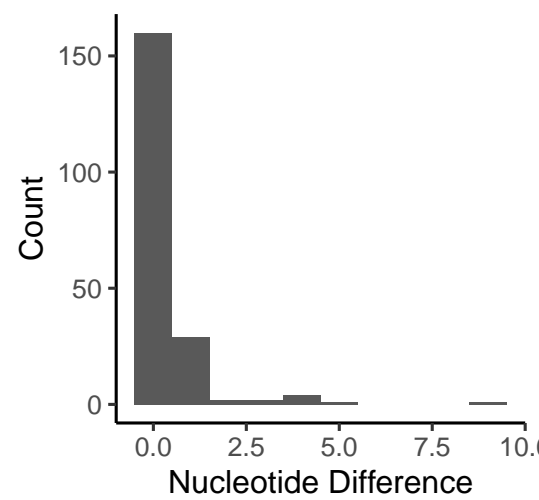
IGKV1–9*01

351 sequences assigned
288 (82.1%) exact matches, in which:
237 unique CDR3
5 unique J



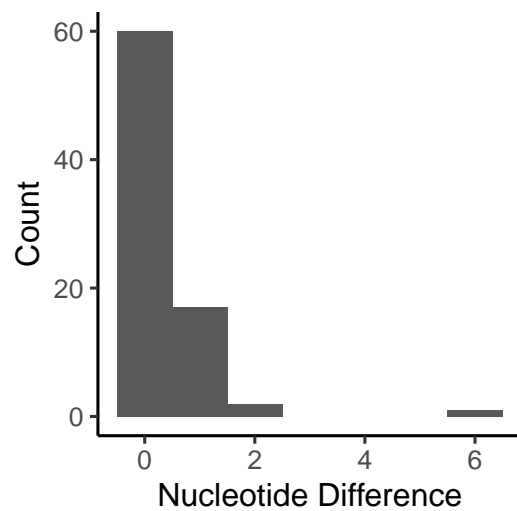
IGKV1–27*01

199 sequences assigned
160 (80.4%) exact matches, in which:
133 unique CDR3
5 unique J



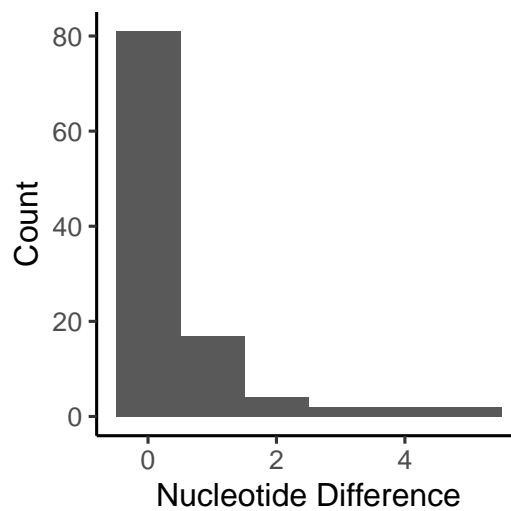
IGKV1–6*01

80 sequences assigned
60 (75%) exact matches, in which:
43 unique CDR3
5 unique J



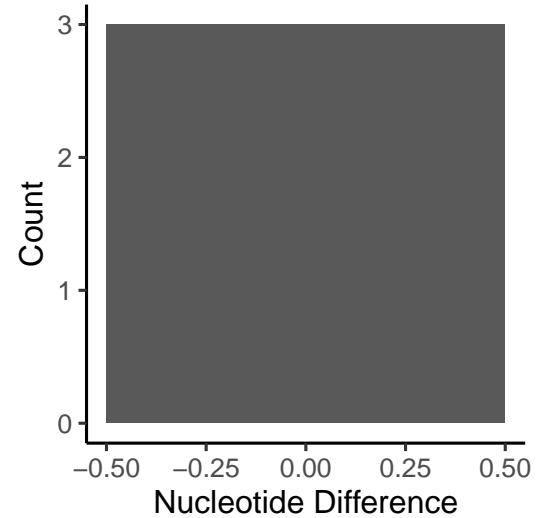
IGKV1–16*02

108 sequences assigned
81 (75%) exact matches, in which:
63 unique CDR3
5 unique J



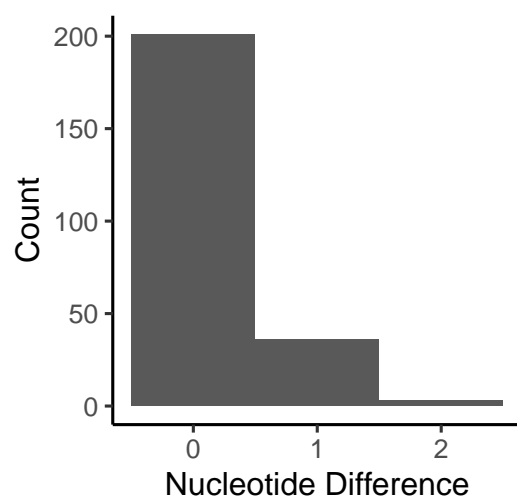
IGKV2/OR22–4*01

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



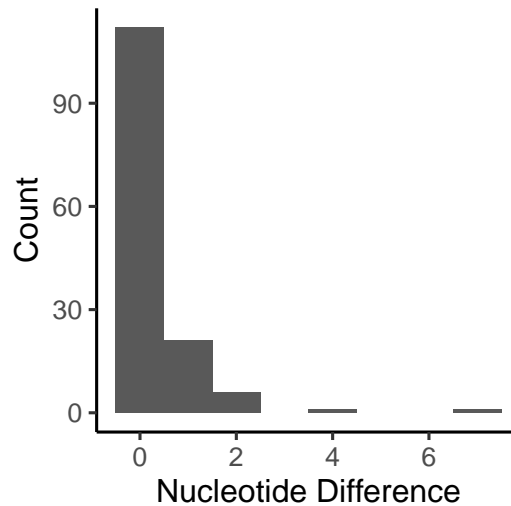
IGKV1–8*01

240 sequences assigned
201 (83.8%) exact matches, in which:
156 unique CDR3
5 unique J



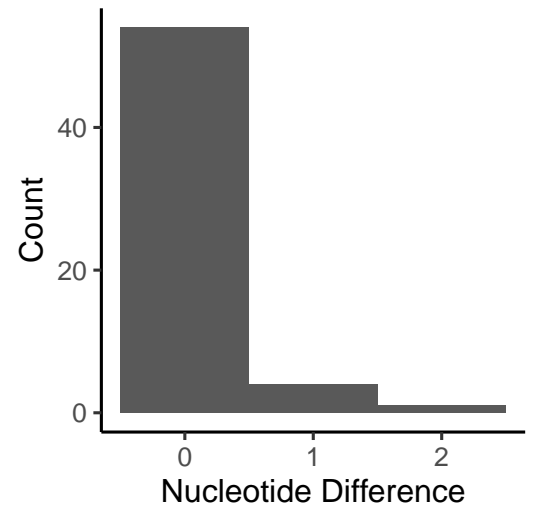
IGKV1–17*01

141 sequences assigned
112 (79.4%) exact matches, in which:
90 unique CDR3
5 unique J



IGKV2–24*01

59 sequences assigned
54 (91.5%) exact matches, in which:
50 unique CDR3
5 unique J



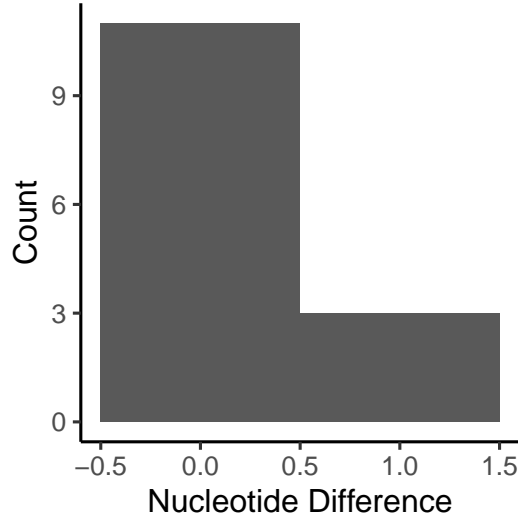
IGKV2–29*01

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



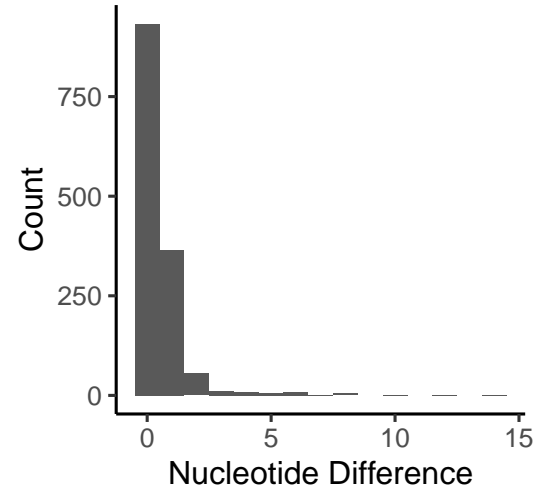
IGKV3–7*04

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



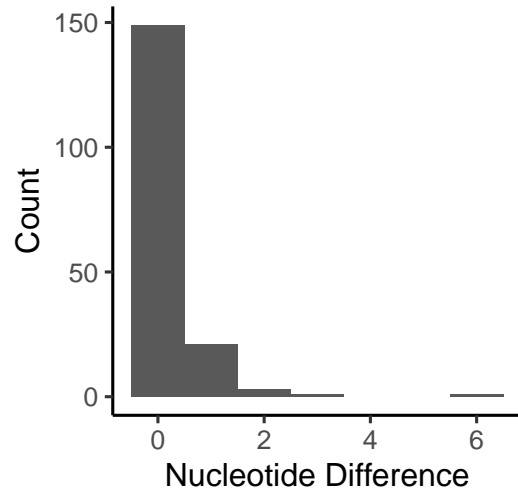
IGKV3–20*01

1396 sequences assigned
933 (66.8%) exact matches, in which:
777 unique CDR3
5 unique J



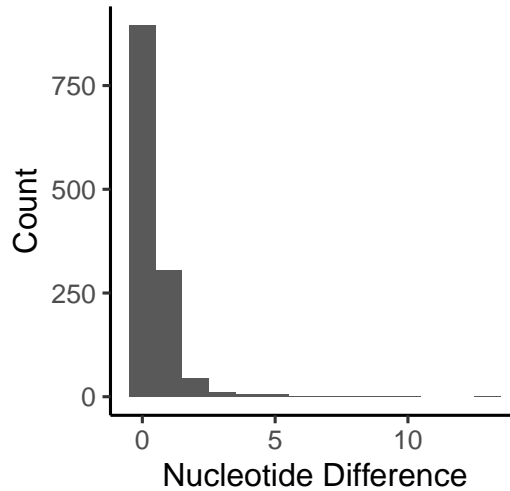
IGKV2–30*01

175 sequences assigned
149 (85.1%) exact matches, in which:
137 unique CDR3
5 unique J



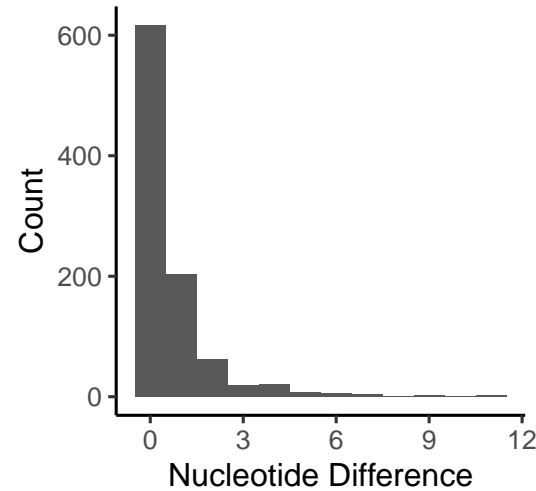
IGKV3–11*01

1275 sequences assigned
896 (70.3%) exact matches, in which:
675 unique CDR3
5 unique J



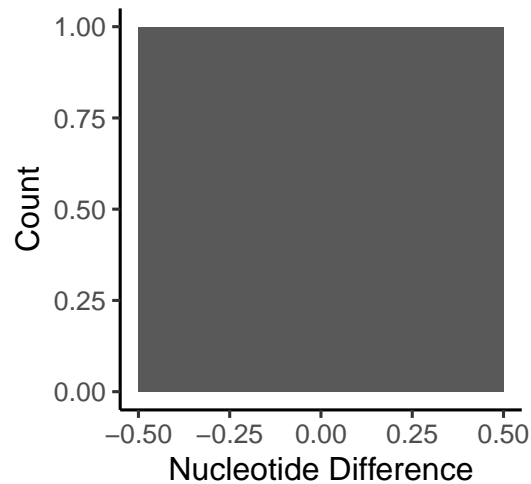
IGKV4–1*01

948 sequences assigned
617 (65.1%) exact matches, in which:
465 unique CDR3
5 unique J



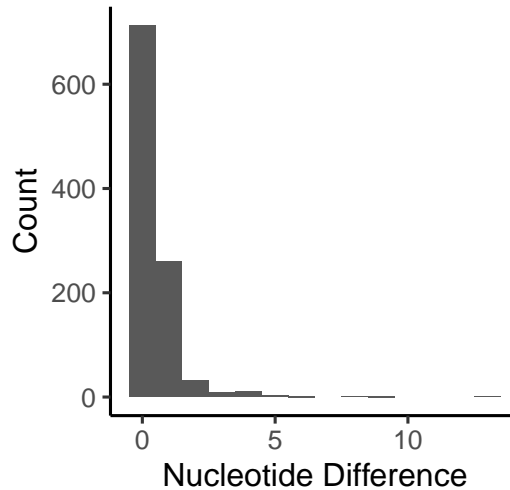
IGKV3/OR2–268*01

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



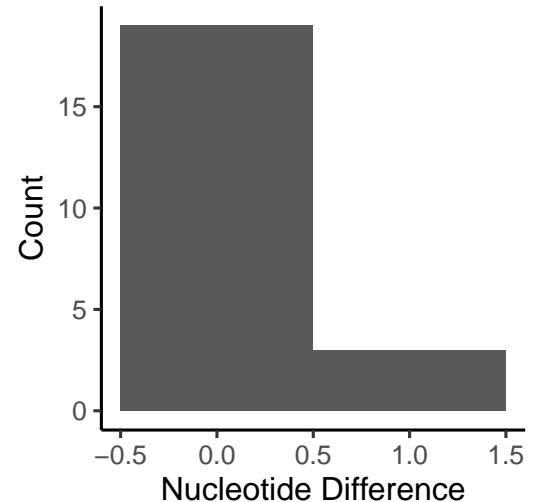
IGKV3–15*01

1032 sequences assigned
713 (69.1%) exact matches, in which:
555 unique CDR3
5 unique J



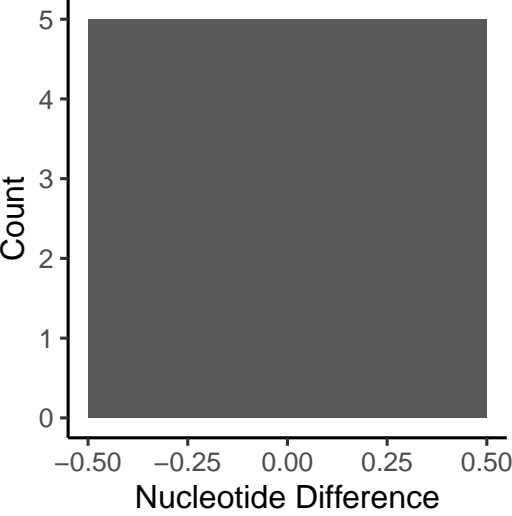
IGKV5–2*01

22 sequences assigned
19 (86.4%) exact matches, in which:
19 unique CDR3
4 unique J



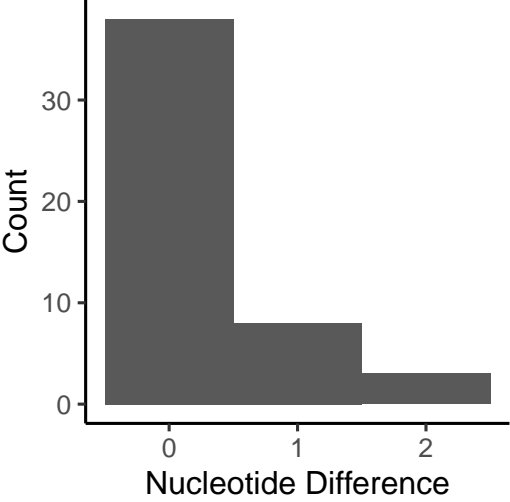
IGKV3D-7*01

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



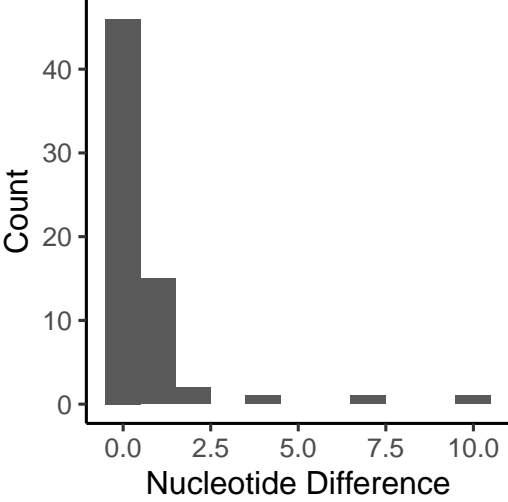
IGKV3D-15*01

49 sequences assigned
38 (77.6%) exact matches, in which:
37 unique CDR3
5 unique J



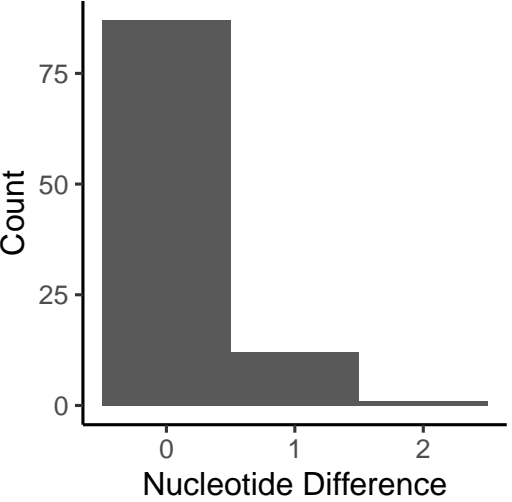
IGKV3D-20*01

66 sequences assigned
46 (69.7%) exact matches, in which:
44 unique CDR3
5 unique J



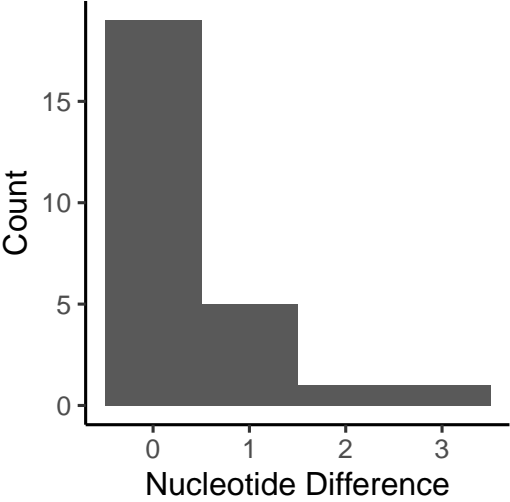
IGKV1D-8*01

100 sequences assigned
87 (87%) exact matches, in which:
66 unique CDR3
5 unique J



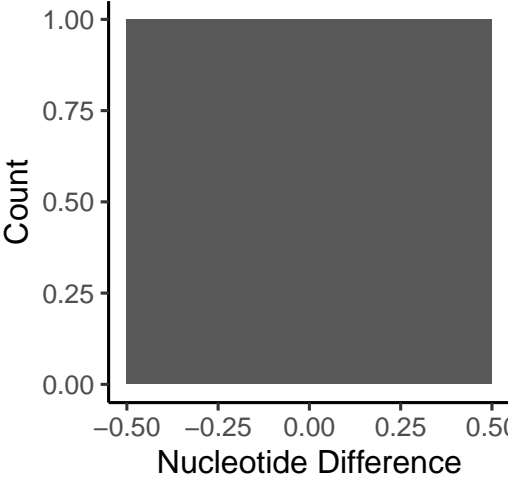
IGKV1D-16*01

26 sequences assigned
19 (73.1%) exact matches, in which:
16 unique CDR3
4 unique J



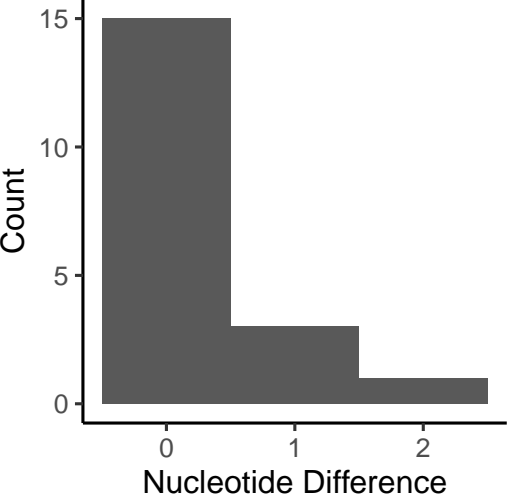
IGKV2D-24*01

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



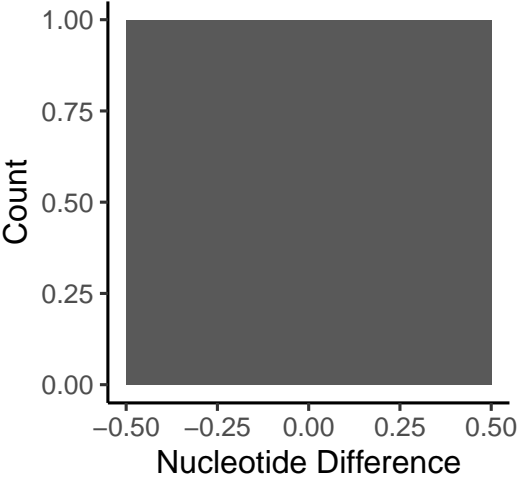
IGKV3D-11*01

19 sequences assigned
15 (78.9%) exact matches, in which:
15 unique CDR3
4 unique J



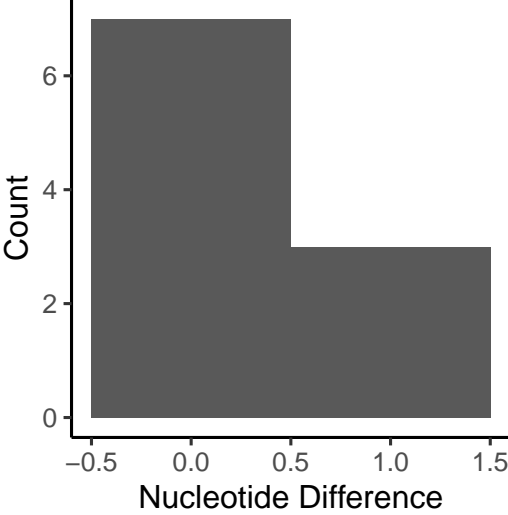
IGKV1D-17*01

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



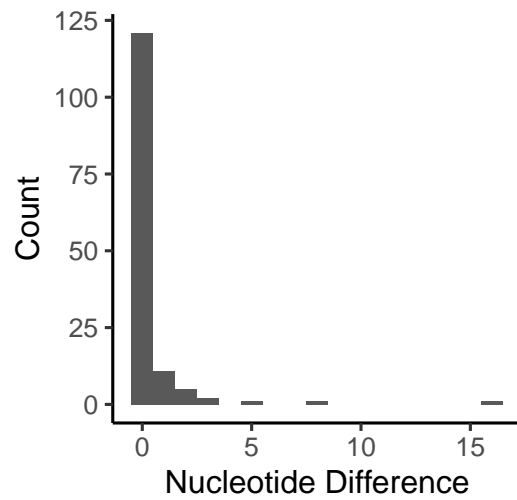
IGKV2D-26*03

10 sequences assigned
7 (70%) exact matches, in which:
7 unique CDR3
4 unique J



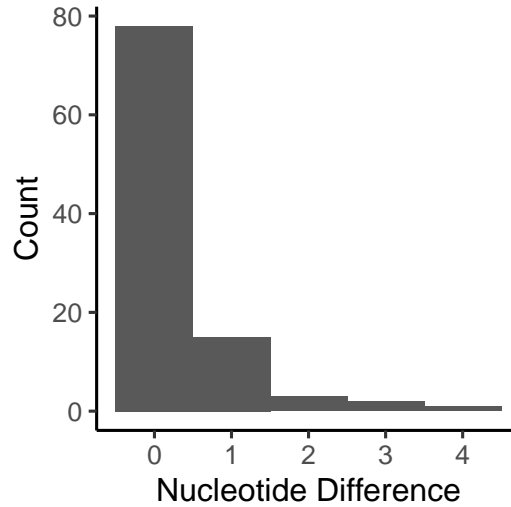
IGKV2D-29*01

142 sequences assigned
121 (85.2%) exact matches, in which:
109 unique CDR3
5 unique J



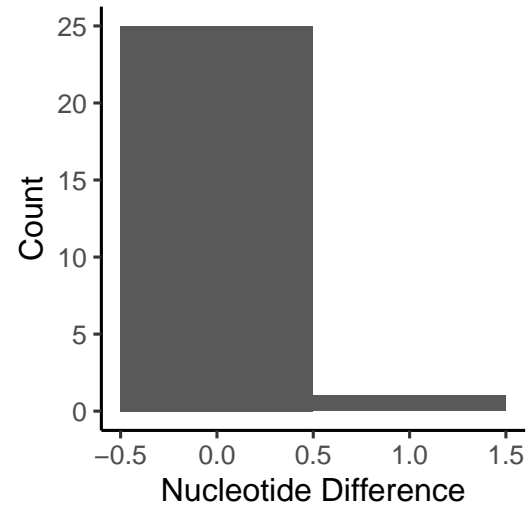
IGKV1E-12*01

99 sequences assigned
78 (78.8%) exact matches, in which:
54 unique CDR3
5 unique J



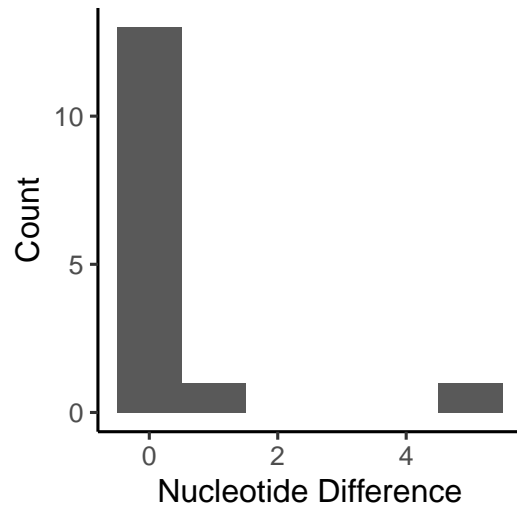
IGKV1E-13*03

26 sequences assigned
25 (96.2%) exact matches, in which:
22 unique CDR3
5 unique J



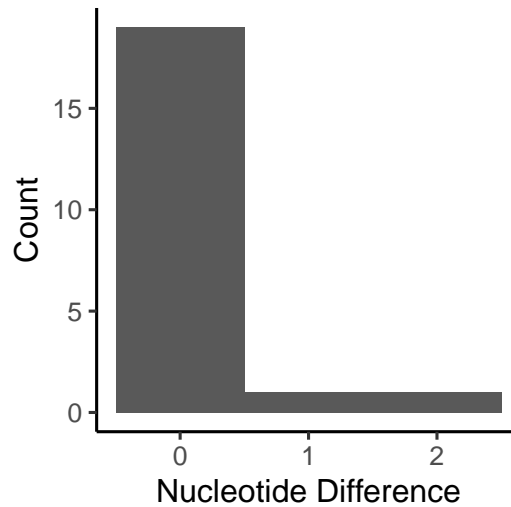
IGKV2D-30*01

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



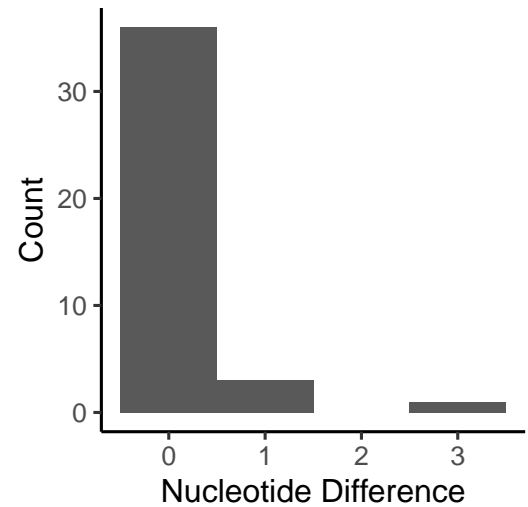
IGKV1E-12*02

21 sequences assigned
19 (90.5%) exact matches, in which:
13 unique CDR3
5 unique J



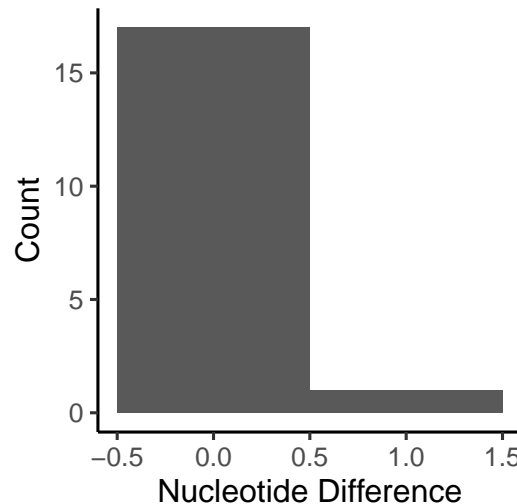
IGKV6E-21*01

40 sequences assigned
36 (90%) exact matches, in which:
30 unique CDR3
4 unique J



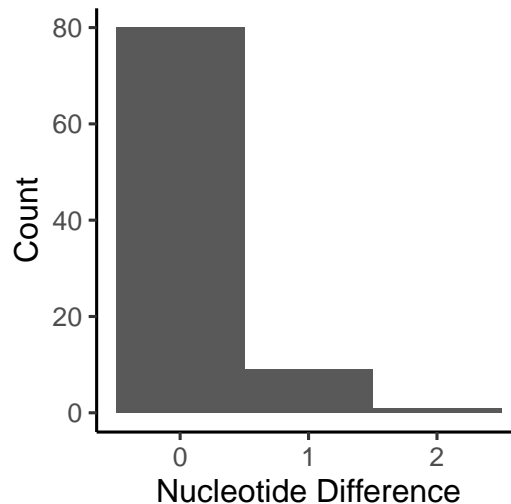
IGKV1D-43*01

18 sequences assigned
17 (94.4%) exact matches, in which:
16 unique CDR3
5 unique J



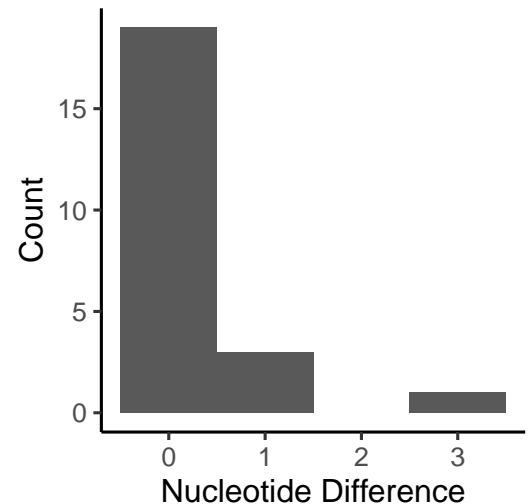
IGKV1E-12*03

90 sequences assigned
80 (88.9%) exact matches, in which:
70 unique CDR3
5 unique J



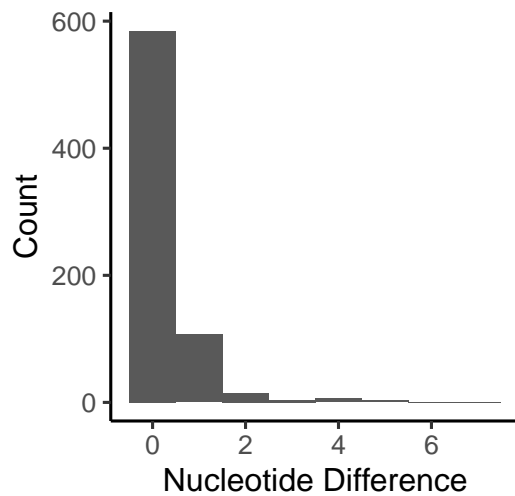
IGKV6E-21*03

23 sequences assigned
19 (82.6%) exact matches, in which:
17 unique CDR3
5 unique J



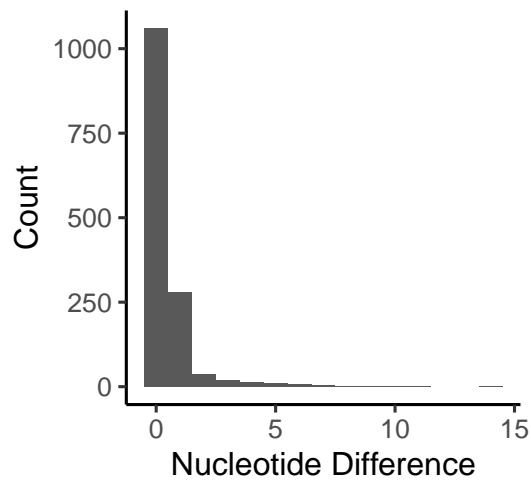
IGKV2E-28*01

722 sequences assigned
585 (81%) exact matches, in which:
443 unique CDR3
5 unique J



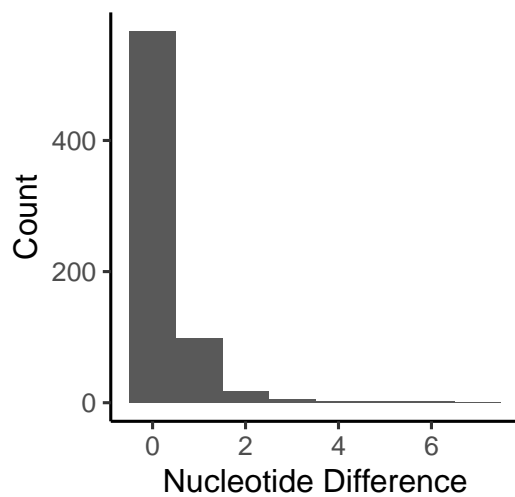
IGKV1E-39*01

1436 sequences assigned
1060 (73.8%) exact matches, in which:
796 unique CDR3
5 unique J



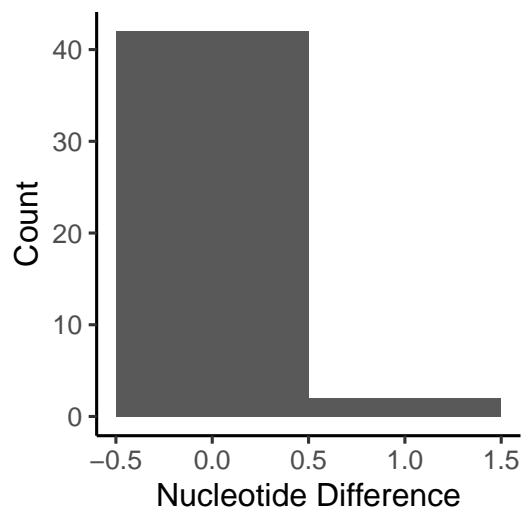
IGKV1E-33*01

697 sequences assigned
567 (81.3%) exact matches, in which:
445 unique CDR3
5 unique J



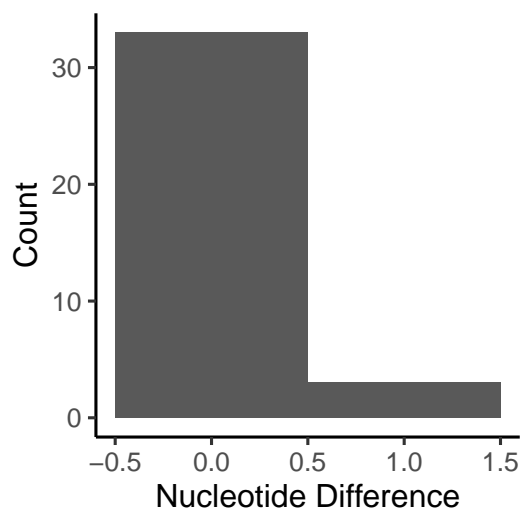
IGKV2E-40*01

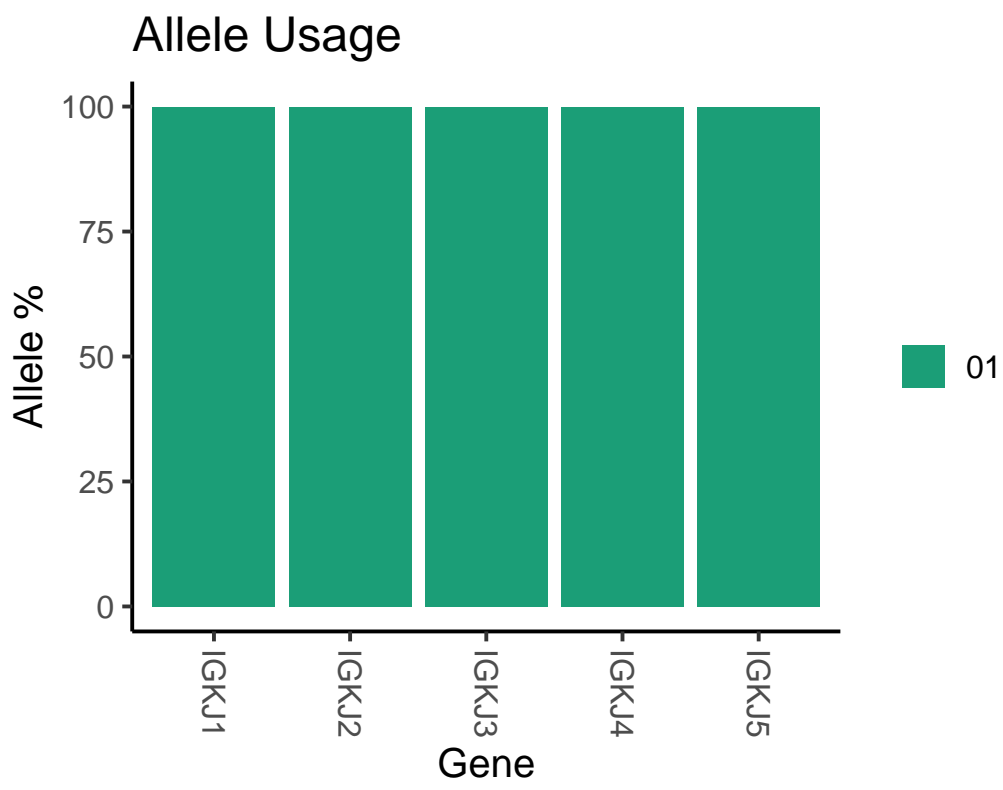
44 sequences assigned
42 (95.5%) exact matches, in which:
33 unique CDR3
5 unique J



IGKV1E-37*01

36 sequences assigned
33 (91.7%) exact matches, in which:
31 unique CDR3
5 unique J





Warning – no inferred sequences found.