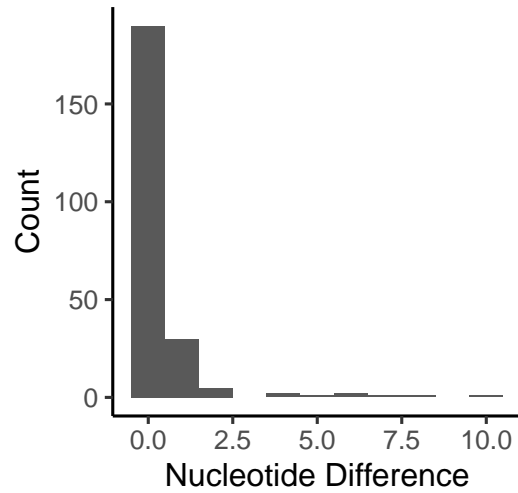


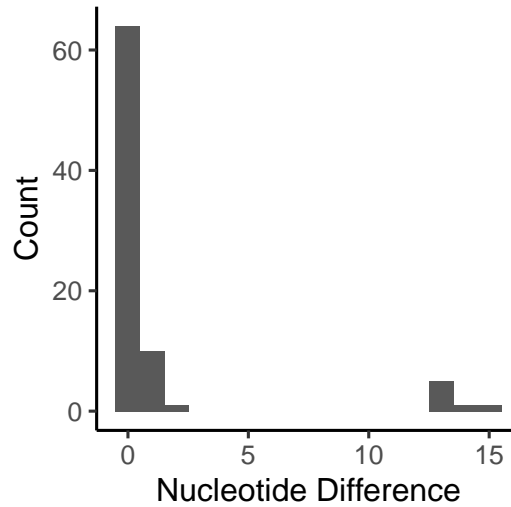
IGKV1-5*03

233 sequences assigned
190 (81.5%) exact matches, in which:
163 unique CDR3
6 unique J



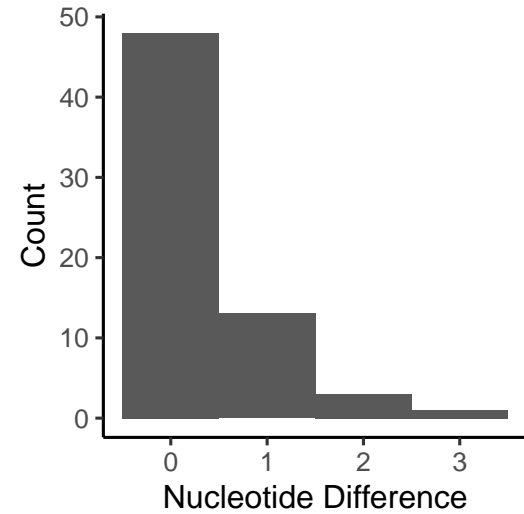
IGKV1-9*01

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



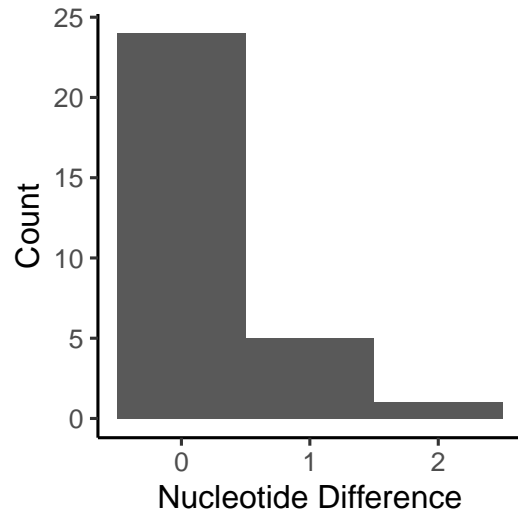
IGKV1-27*01

65 sequences assigned
48 (73.8%) exact matches, in which:
46 unique CDR3
6 unique J



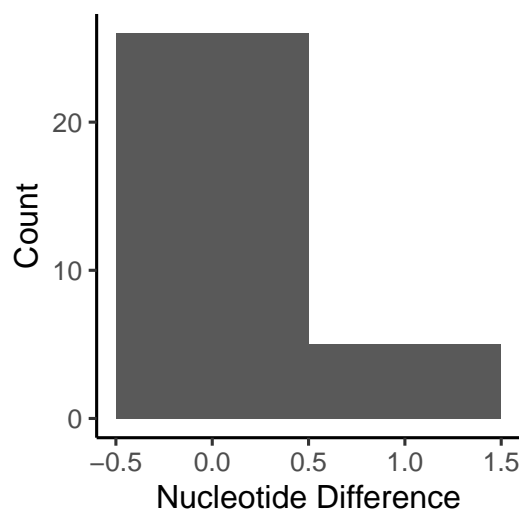
IGKV1-6*01

30 sequences assigned
24 (80%) exact matches, in which:
18 unique CDR3
4 unique J



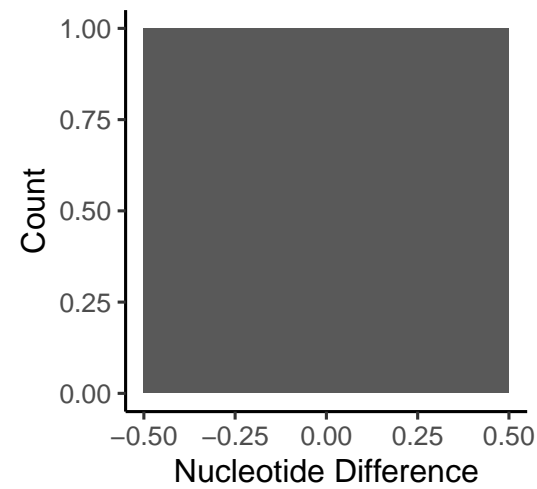
IGKV1-16*02

31 sequences assigned
26 (83.9%) exact matches, in which:
22 unique CDR3
6 unique J



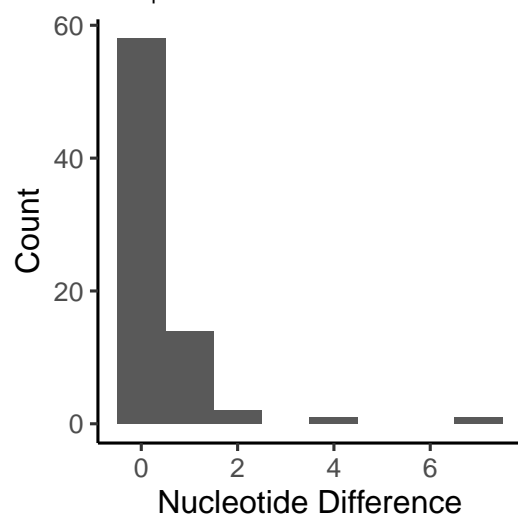
IGKV2/OR22-4*01

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



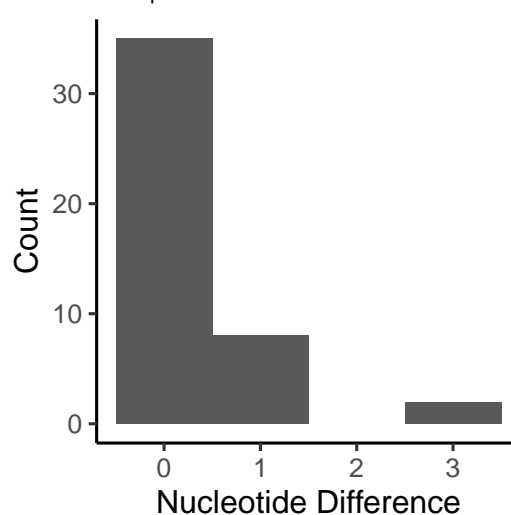
IGKV1-8*01

76 sequences assigned
58 (76.3%) exact matches, in which:
51 unique CDR3
6 unique J



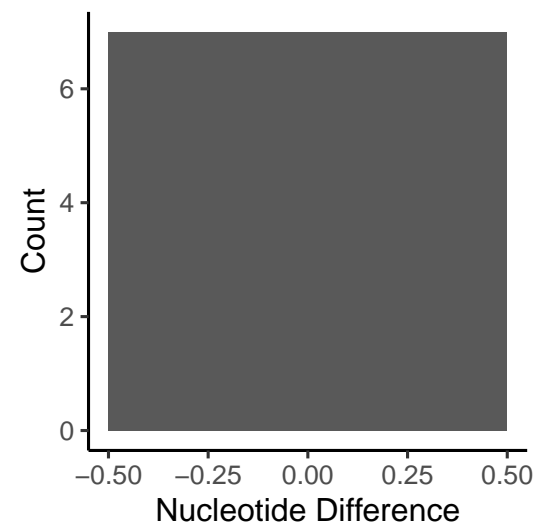
IGKV1-17*01

45 sequences assigned
35 (77.8%) exact matches, in which:
31 unique CDR3
6 unique J



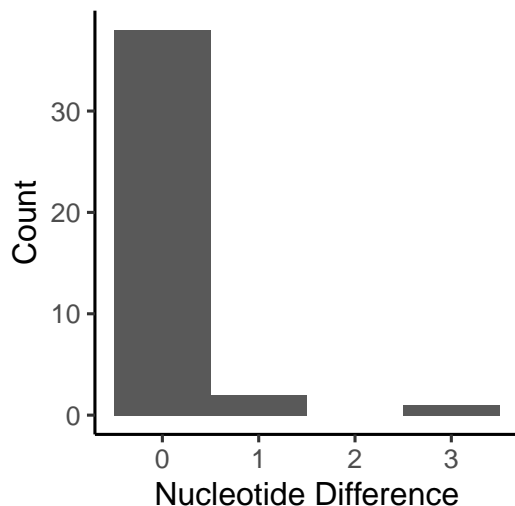
IGKV2-24*01

7 sequences assigned
7 (100%) exact matches, in which:
7 unique CDR3
5 unique J



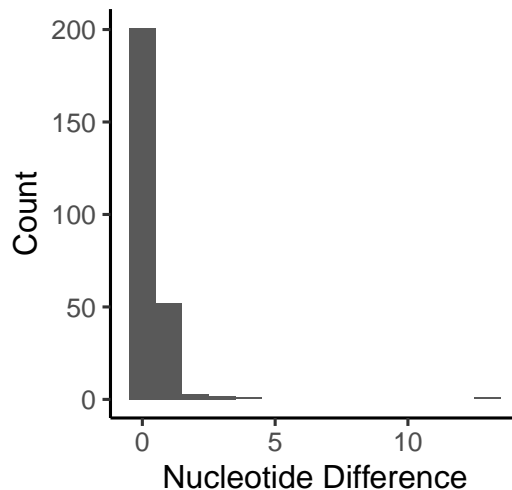
IGKV2–30*01

41 sequences assigned
38 (92.7%) exact matches, in which:
35 unique CDR3
6 unique J



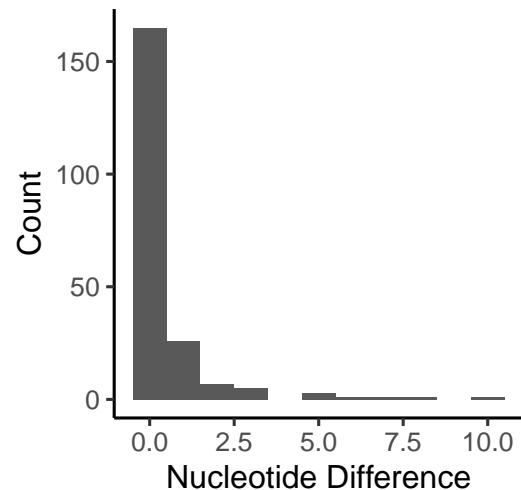
IGKV3–15*01

260 sequences assigned
201 (77.3%) exact matches, in which:
161 unique CDR3
6 unique J



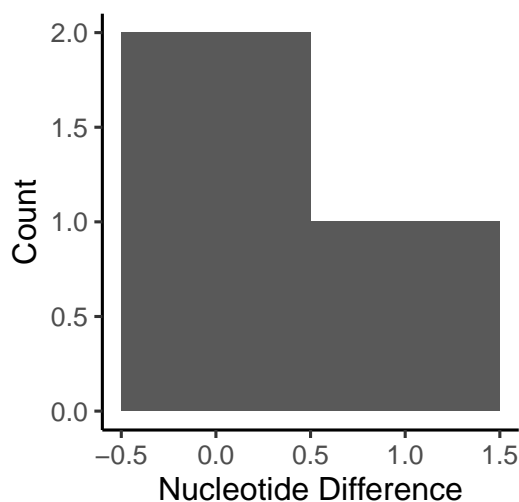
IGKV4–1*01

210 sequences assigned
165 (78.6%) exact matches, in which:
147 unique CDR3
6 unique J



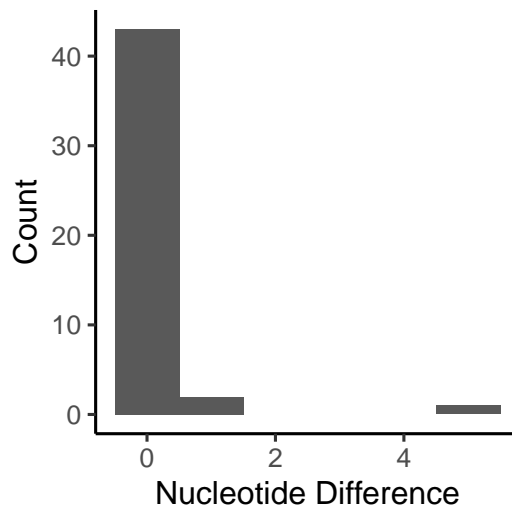
IGKV3–7*04

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



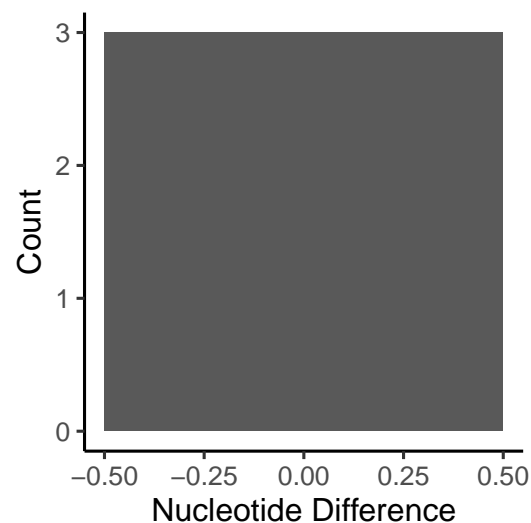
IGKV3–15*01_A223C

46 sequences assigned
43 (93.5%) exact matches, in which:
43 unique CDR3
6 unique J



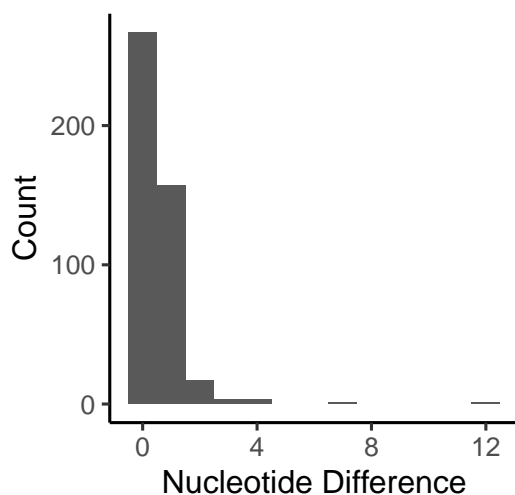
IGKV5–2*01

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



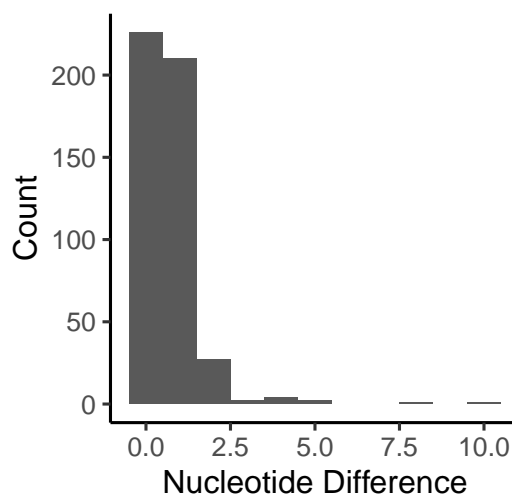
IGKV3–11*01

449 sequences assigned
267 (59.5%) exact matches, in which:
236 unique CDR3
6 unique J



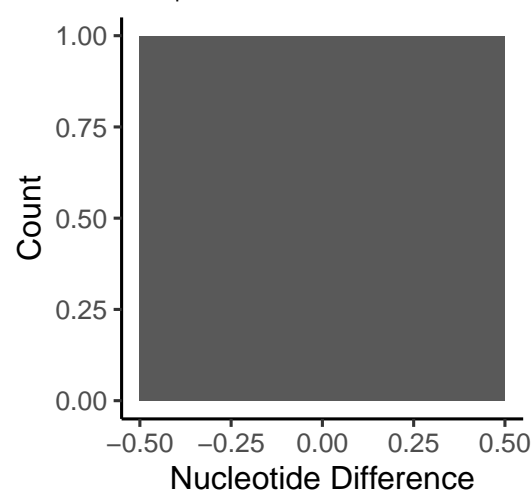
IGKV3–20*01

475 sequences assigned
226 (47.6%) exact matches, in which:
195 unique CDR3
6 unique J



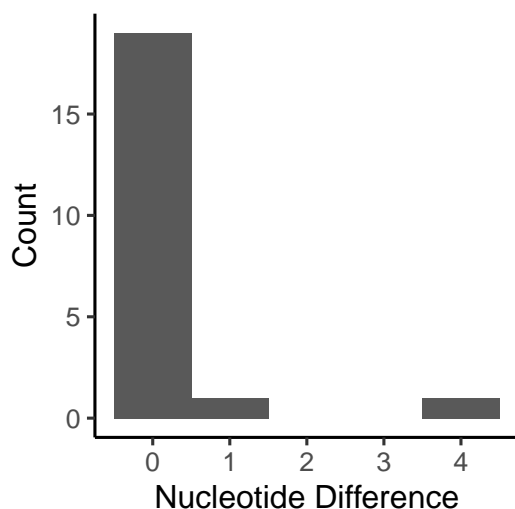
IGKV7–3*01

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



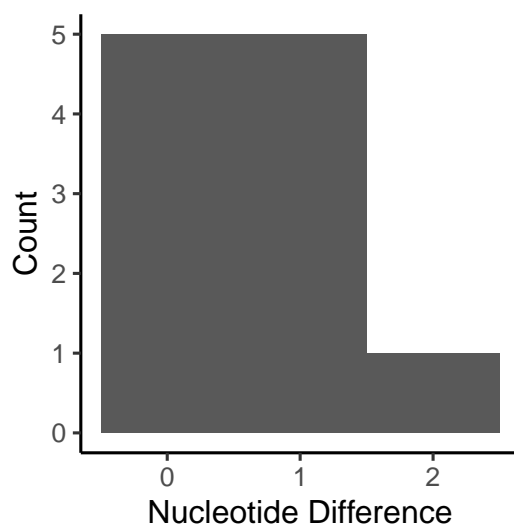
IGKV1D-8*01

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



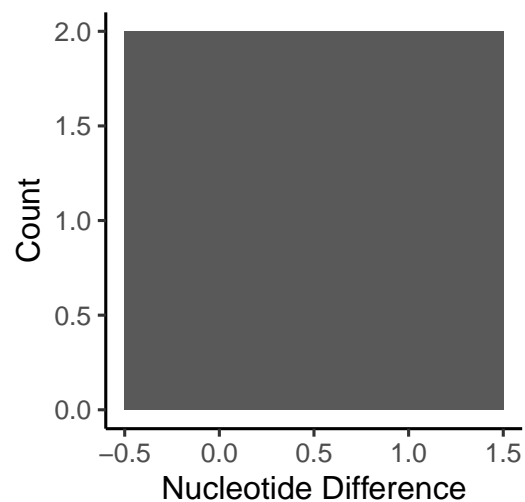
IGKV3D-15*01

11 sequences assigned
5 (45.5%) exact matches, in which:
5 unique CDR3
2 unique J



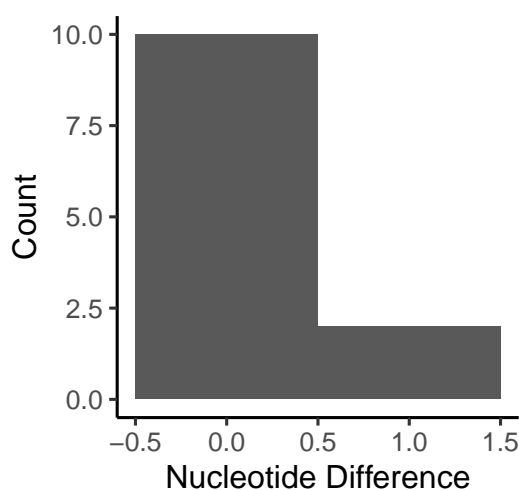
IGKV2D-29*02

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



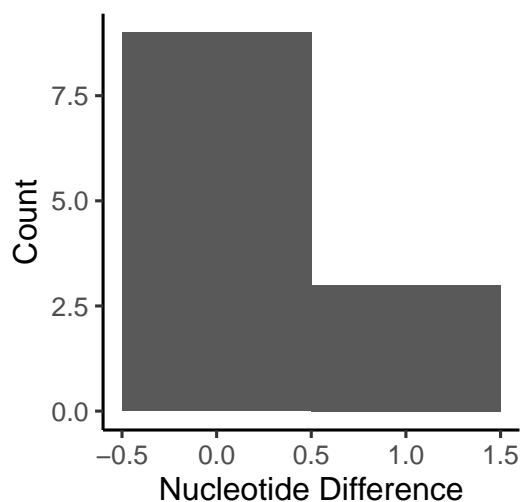
IGKV1D-8*03

12 sequences assigned
10 (83.3%) exact matches, in which:
10 unique CDR3
4 unique J



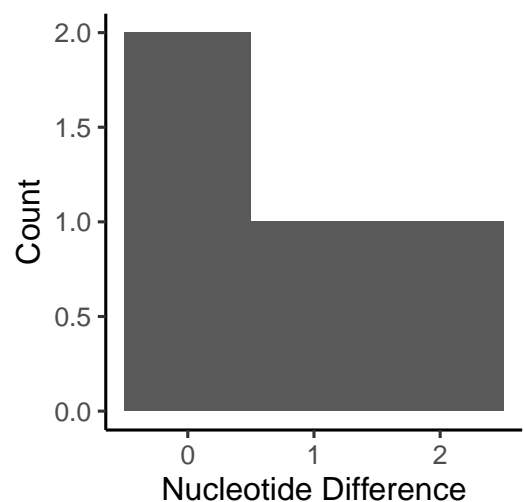
IGKV3D-20*01

12 sequences assigned
9 (75%) exact matches, in which:
9 unique CDR3
4 unique J



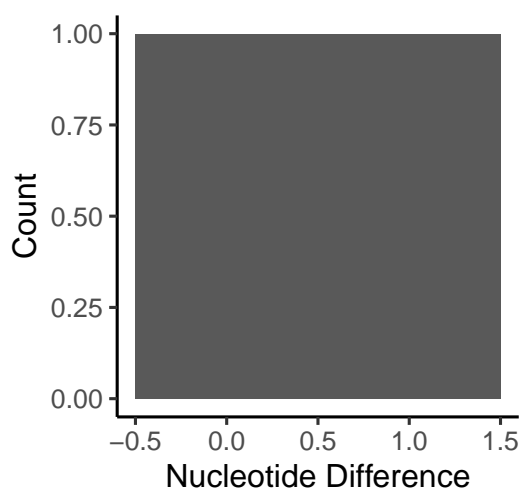
IGKV2D-30*01

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



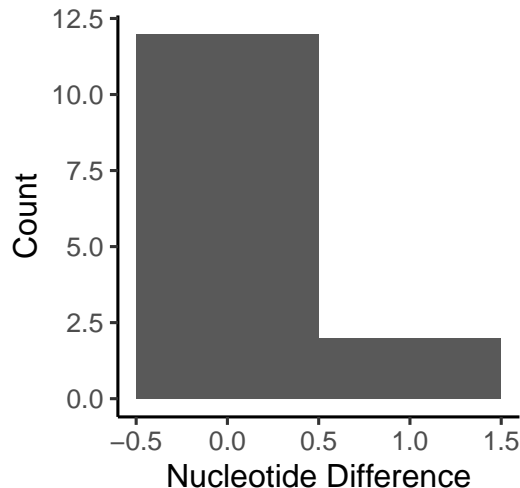
IGKV3D-11*01

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



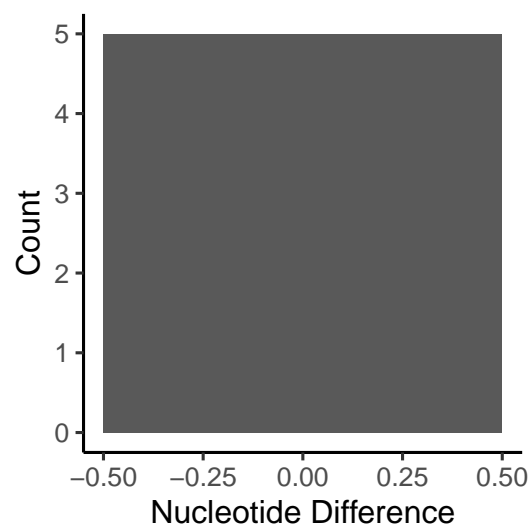
IGKV2D-29*01

14 sequences assigned
12 (85.7%) exact matches, in which:
10 unique CDR3
4 unique J



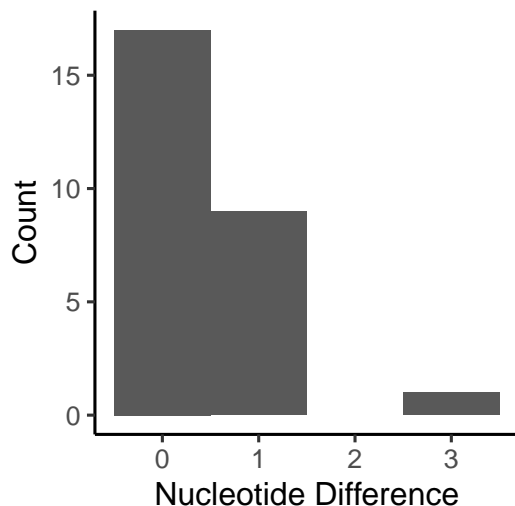
IGKV1D-43*01

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



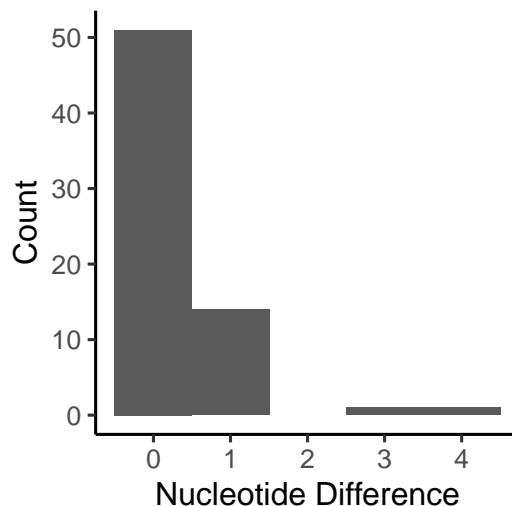
IGKV1E-12*01

27 sequences assigned
17 (63%) exact matches, in which:
15 unique CDR3
5 unique J



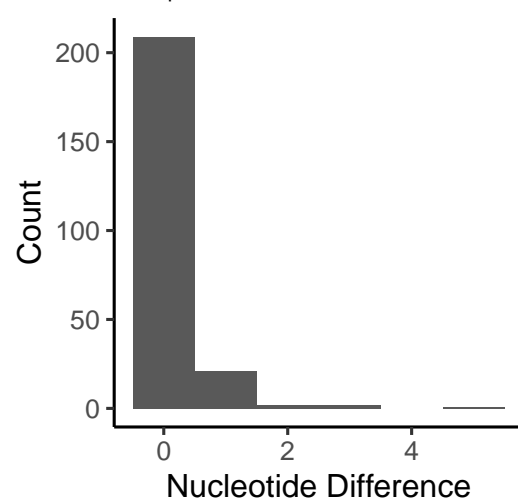
IGKV1E-13*02

67 sequences assigned
51 (76.1%) exact matches, in which:
47 unique CDR3
5 unique J



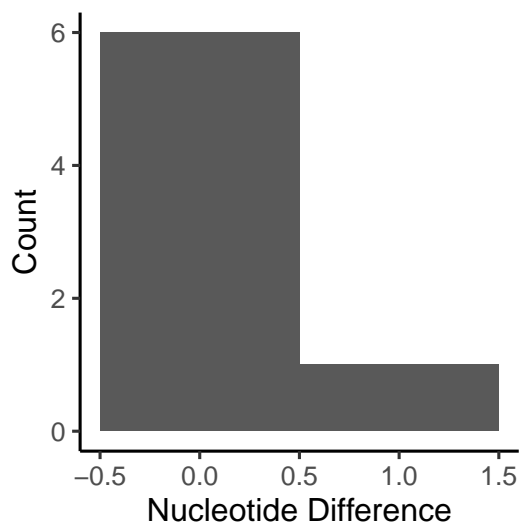
IGKV2E-28*01

235 sequences assigned
209 (88.9%) exact matches, in which:
180 unique CDR3
6 unique J



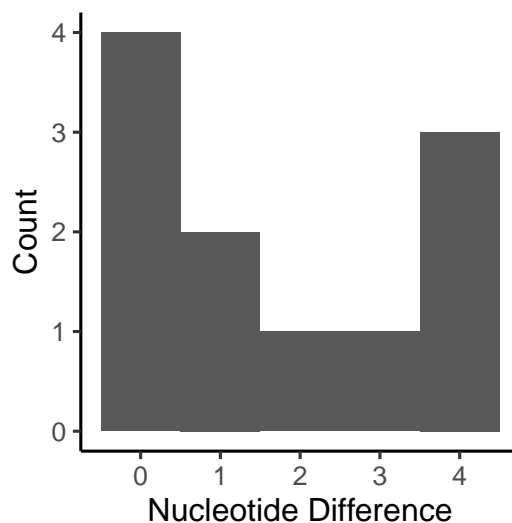
IGKV1E-12*02

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



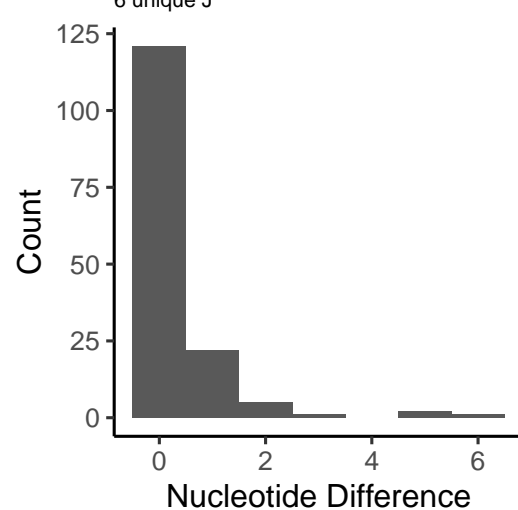
IGKV6E-21*01

11 sequences assigned
4 (36.4%) exact matches, in which:
4 unique CDR3
2 unique J



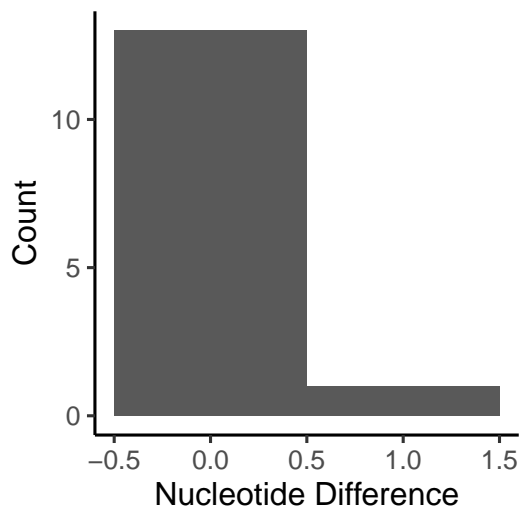
IGKV1E-33*01

152 sequences assigned
121 (79.6%) exact matches, in which:
111 unique CDR3
6 unique J



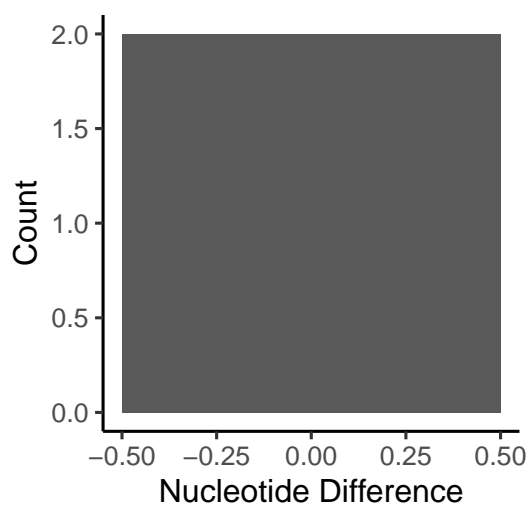
IGKV1E-12*03

14 sequences assigned
13 (92.9%) exact matches, in which:
12 unique CDR3
3 unique J



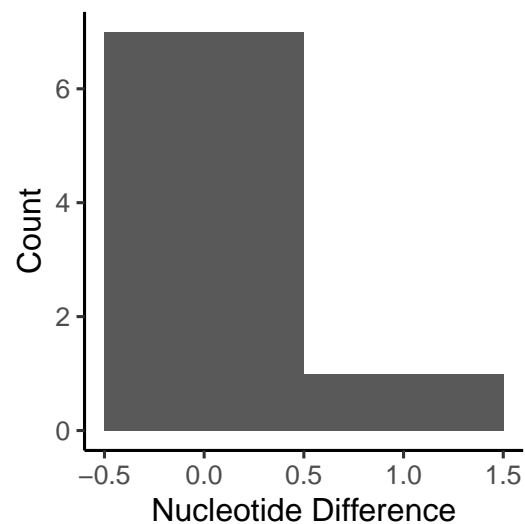
IGKV6E-21*03

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



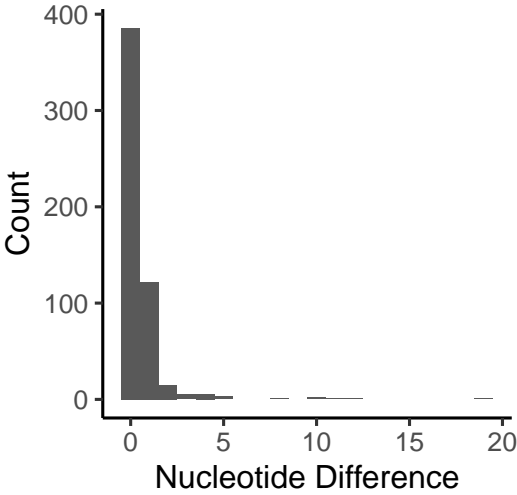
IGKV1E-37*01

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



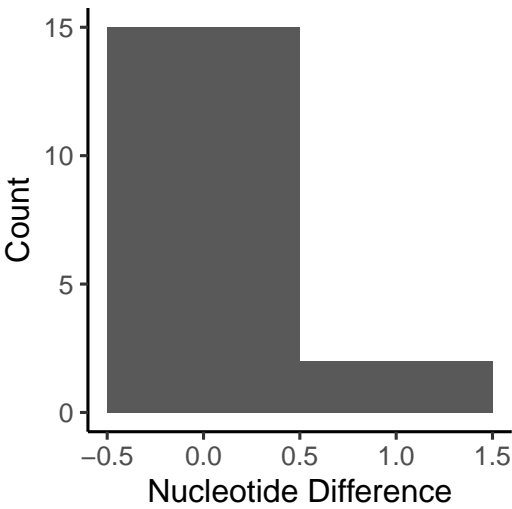
IGKV1E-39*01

543 sequences assigned
386 (71.1%) exact matches, in which:
305 unique CDR3
6 unique J

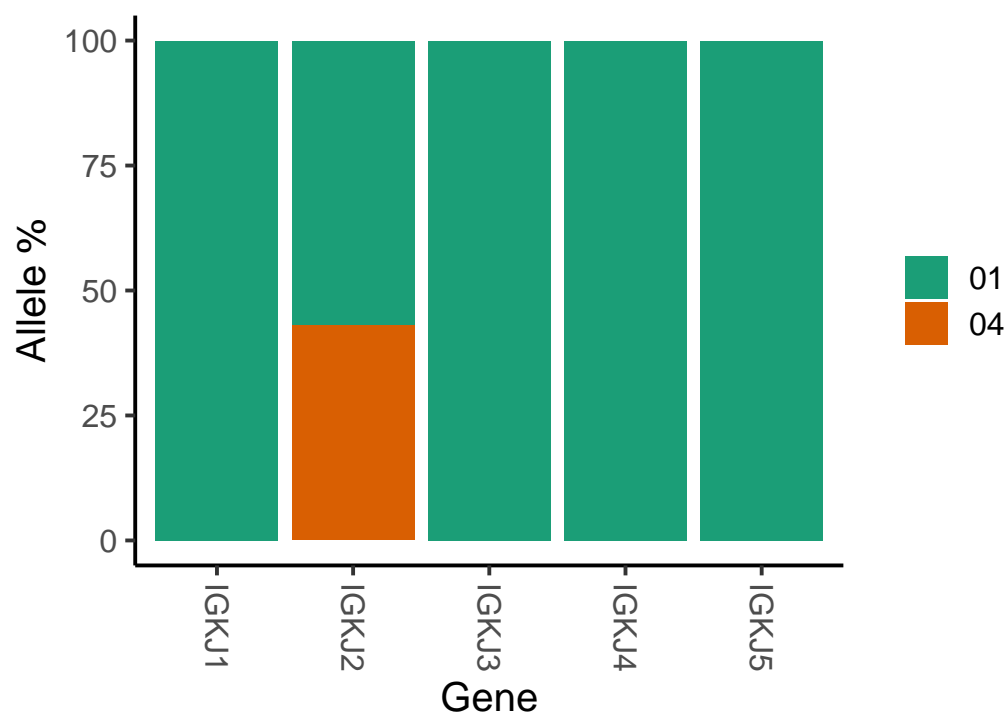


IGKV2E-40*01

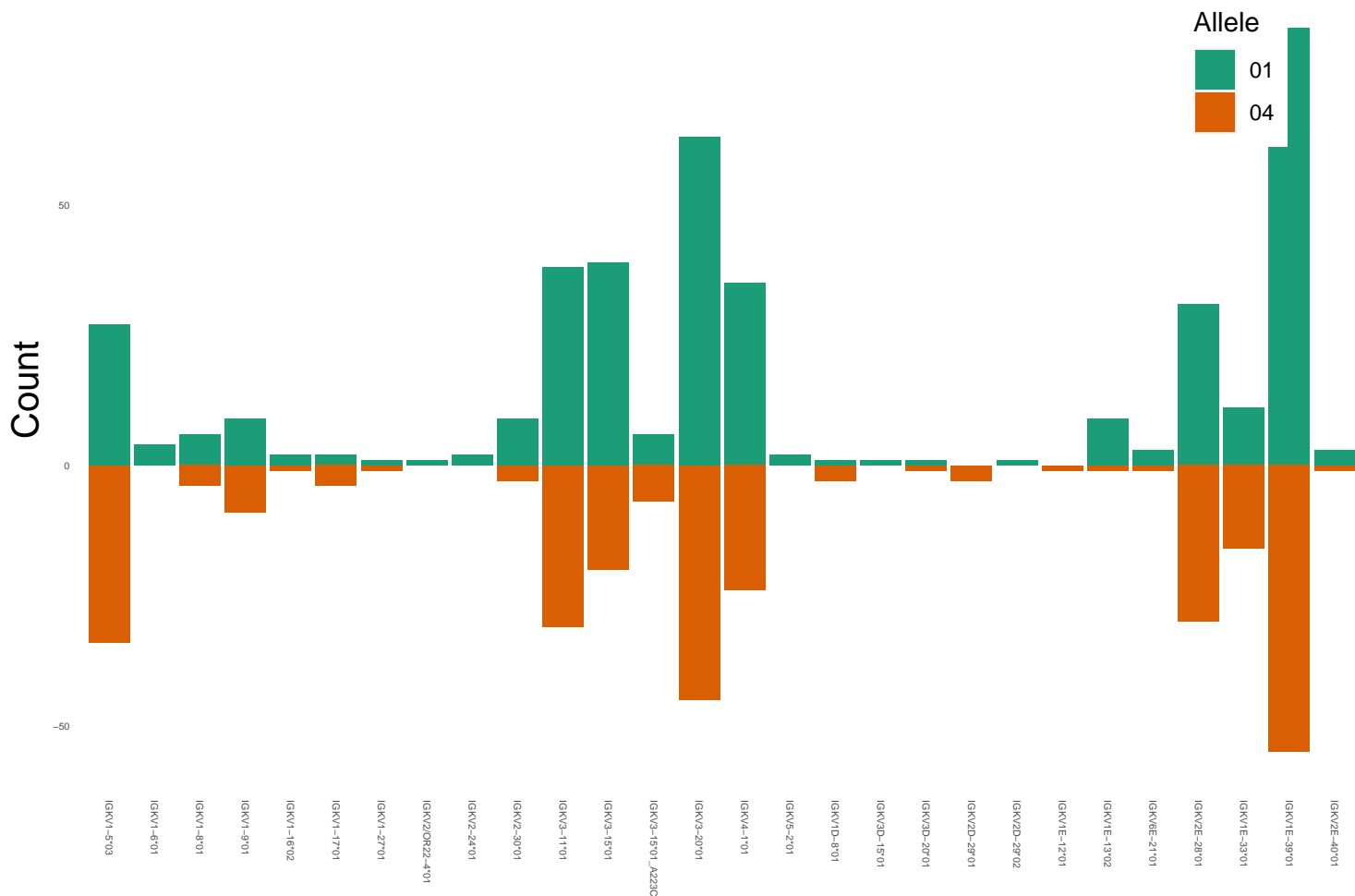
17 sequences assigned
15 (88.2%) exact matches, in which:
12 unique CDR3
4 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.