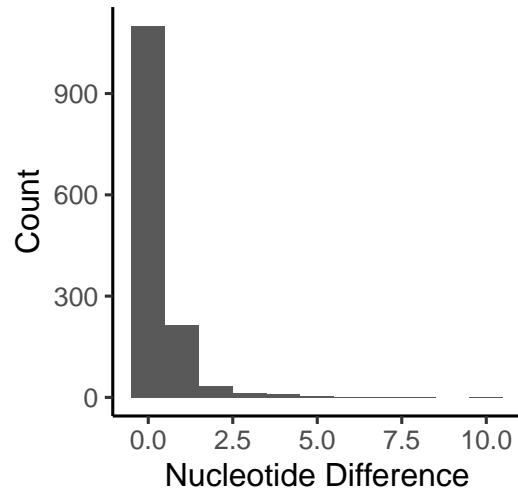


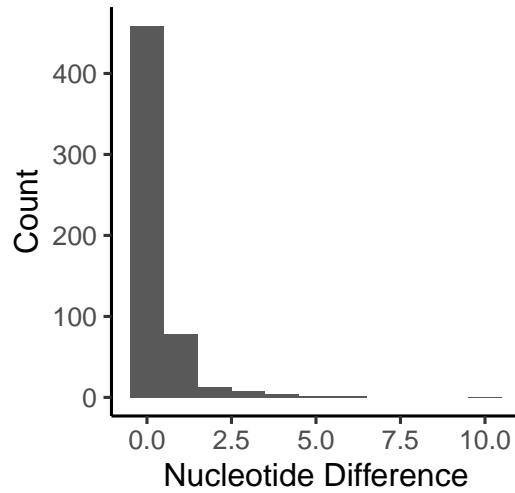
IGKV1–5*03

1380 sequences assigned
1101 (79.8%) exact matches, in which:
852 unique CDR3
6 unique J



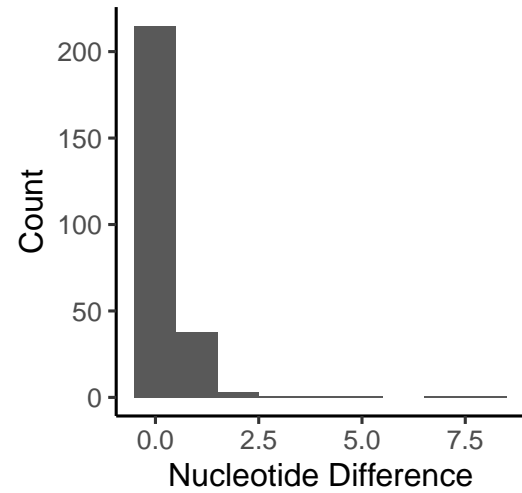
IGKV1–9*01

567 sequences assigned
459 (81%) exact matches, in which:
388 unique CDR3
6 unique J



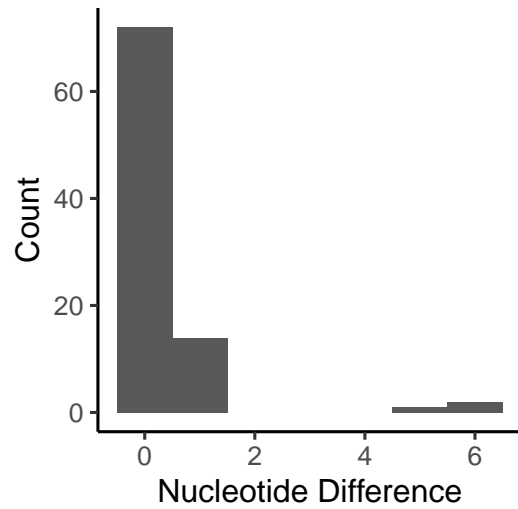
IGKV1–27*01

261 sequences assigned
215 (82.4%) exact matches, in which:
178 unique CDR3
6 unique J



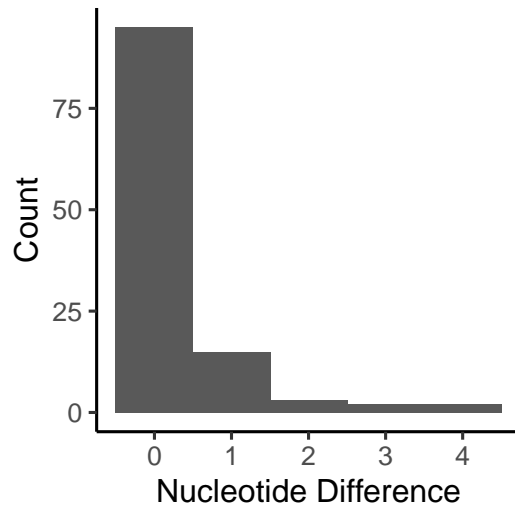
IGKV1–6*01

89 sequences assigned
72 (80.9%) exact matches, in which:
52 unique CDR3
6 unique J



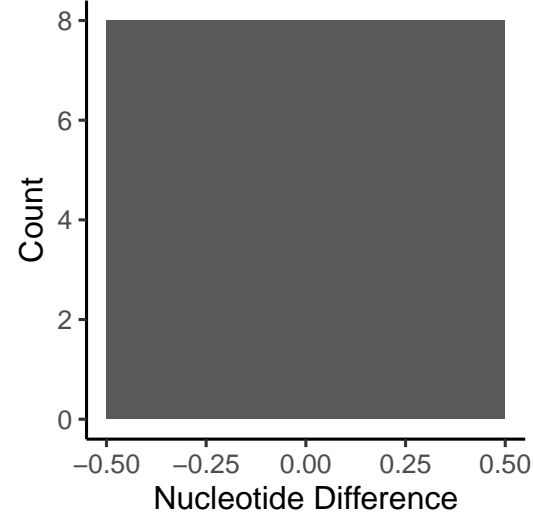
IGKV1–16*02

117 sequences assigned
95 (81.2%) exact matches, in which:
83 unique CDR3
6 unique J



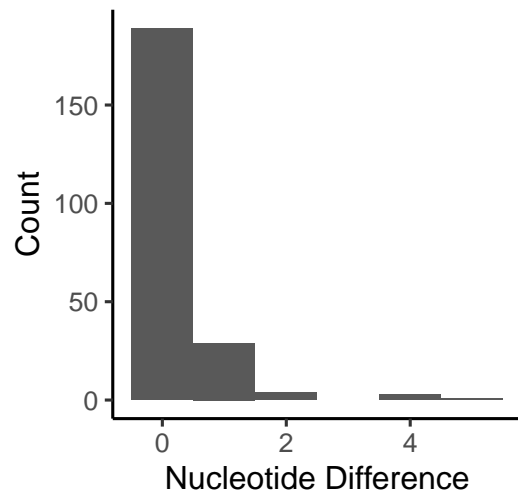
IGKV2/OR22–4*01

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



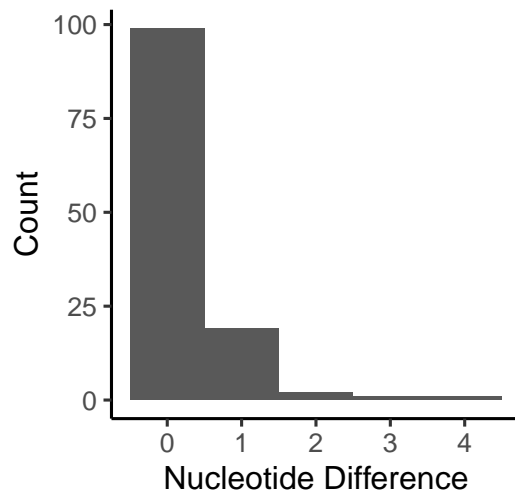
IGKV1–8*01

226 sequences assigned
189 (83.6%) exact matches, in which:
146 unique CDR3
6 unique J



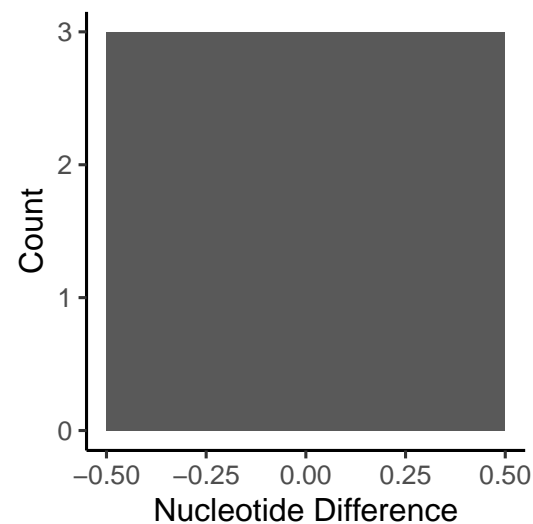
IGKV1–17*01

122 sequences assigned
99 (81.1%) exact matches, in which:
79 unique CDR3
6 unique J



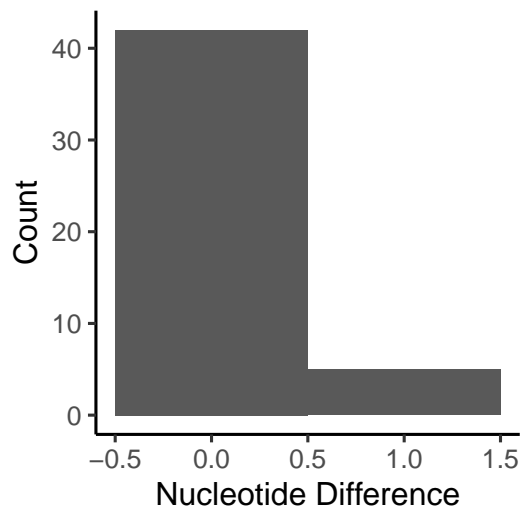
IGKV2–18*01

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



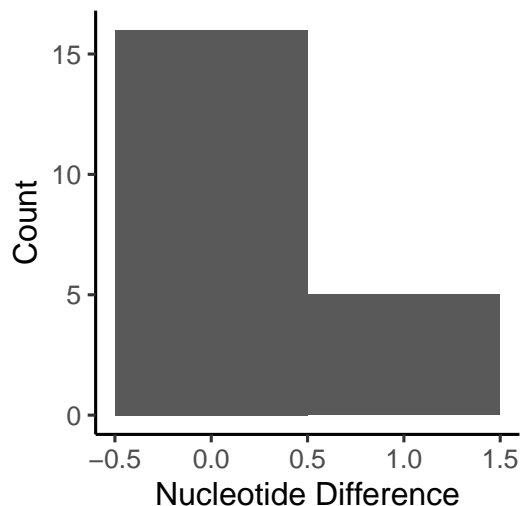
IGKV2-24*01

47 sequences assigned
42 (89.4%) exact matches, in which:
38 unique CDR3
6 unique J



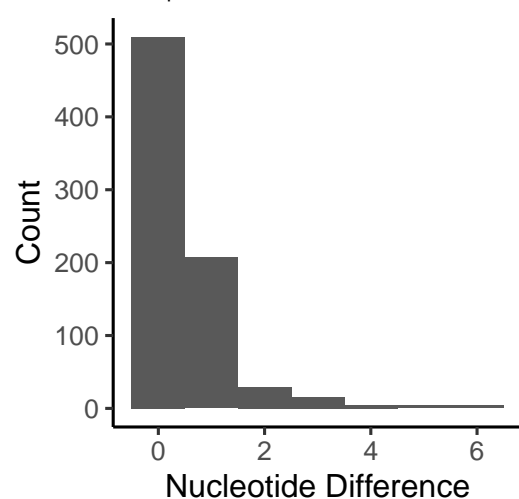
IGKV3-7*04

21 sequences assigned
16 (76.2%) exact matches, in which:
16 unique CDR3
5 unique J



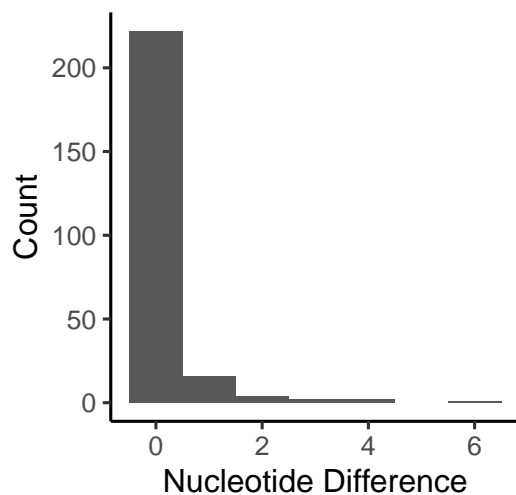
IGKV3-15*01_A117G

775 sequences assigned
510 (65.8%) exact matches, in which:
424 unique CDR3
6 unique J



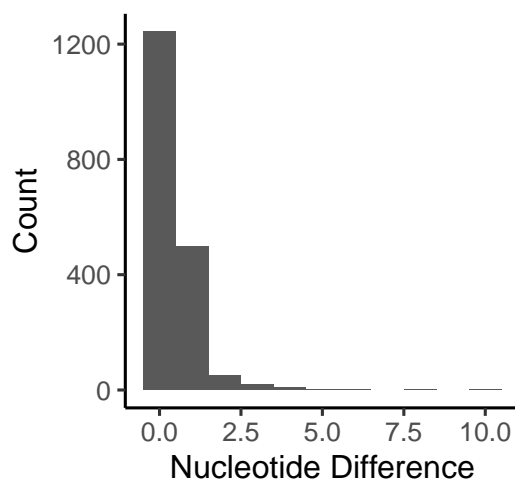
IGKV2-30*01

247 sequences assigned
222 (89.9%) exact matches, in which:
204 unique CDR3
6 unique J



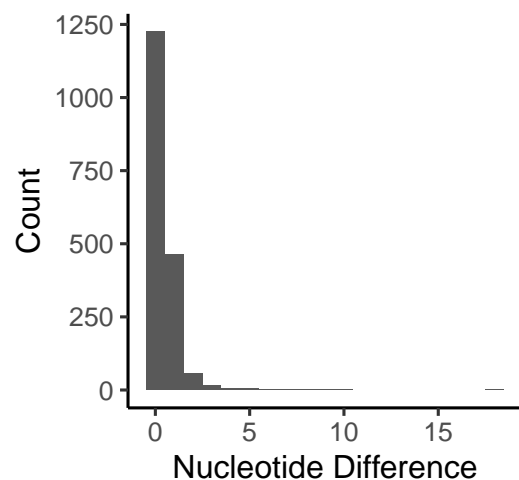
IGKV3-11*01

1825 sequences assigned
1243 (68.1%) exact matches, in which:
976 unique CDR3
6 unique J



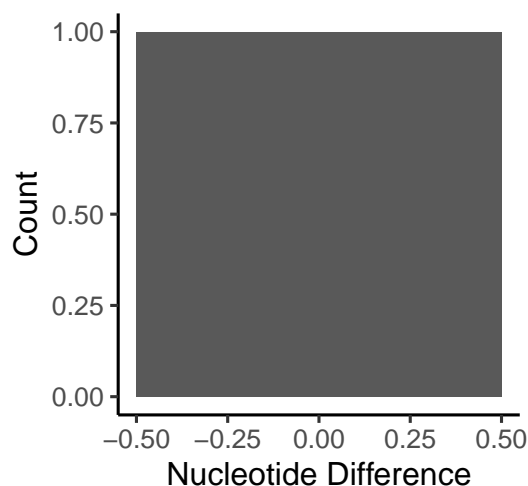
IGKV3-20*01

1781 sequences assigned
1225 (68.8%) exact matches, in which:
960 unique CDR3
6 unique J



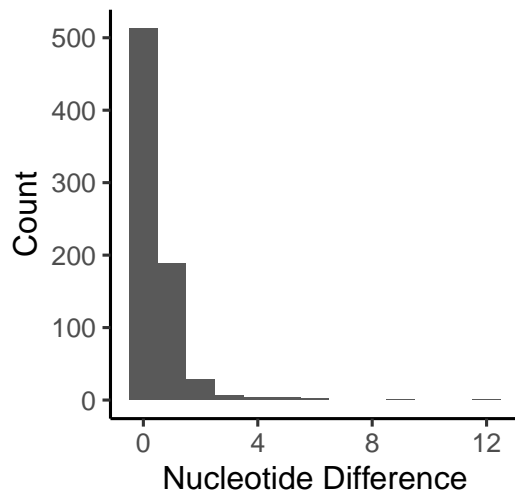
IGKV1/OR2-108*01

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



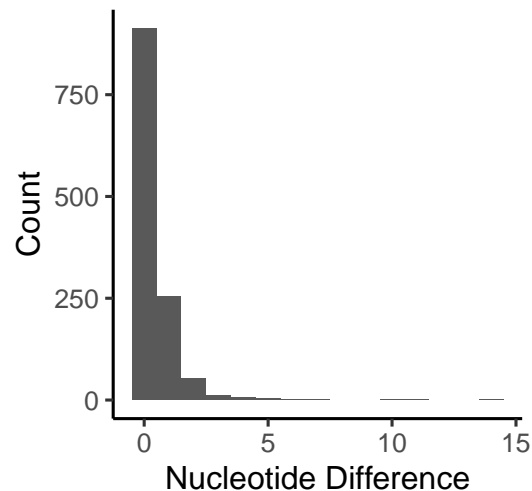
IGKV3-15*01

746 sequences assigned
513 (68.8%) exact matches, in which:
428 unique CDR3
6 unique J



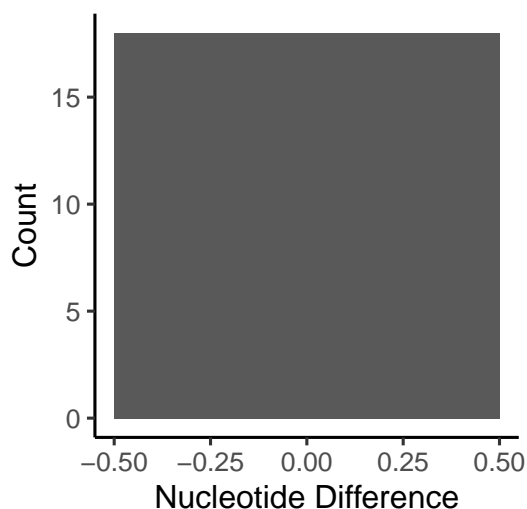
IGKV4-1*01

1246 sequences assigned
913 (73.3%) exact matches, in which:
665 unique CDR3
6 unique J



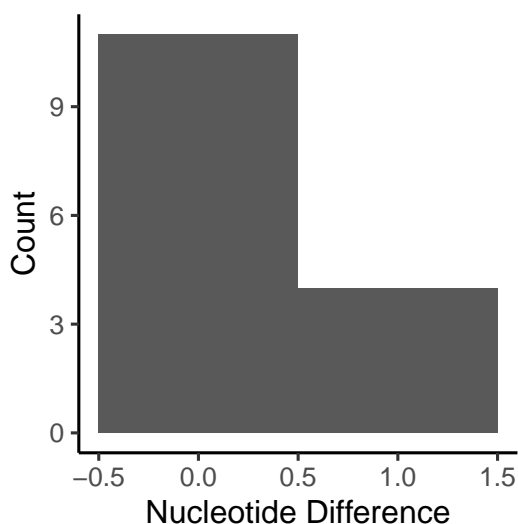
IGKV5-2*01

18 sequences assigned
18 (100%) exact matches, in which:
17 unique CDR3
5 unique J



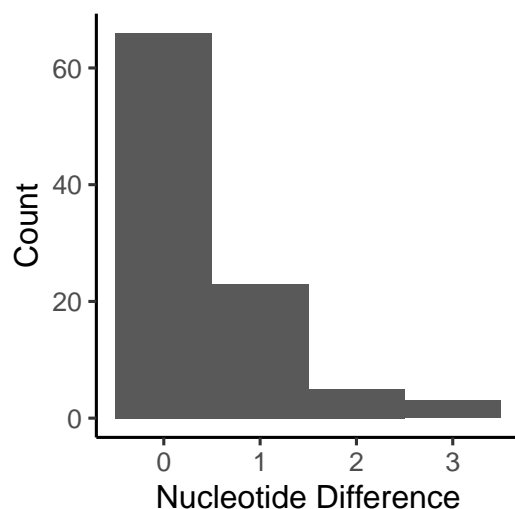
IGKV3D-7*01

15 sequences assigned
11 (73.3%) exact matches, in which:
11 unique CDR3
5 unique J



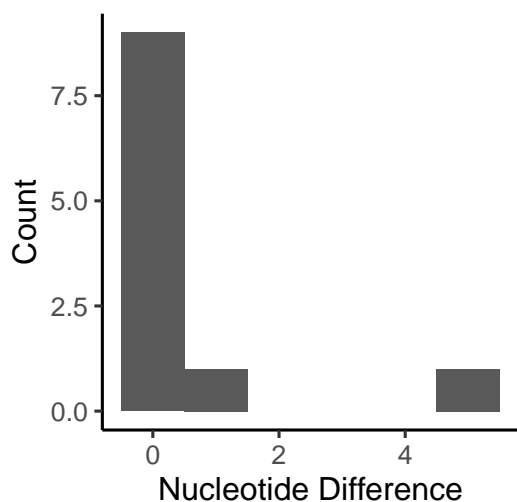
IGKV3D-15*01

97 sequences assigned
66 (68%) exact matches, in which:
62 unique CDR3
6 unique J



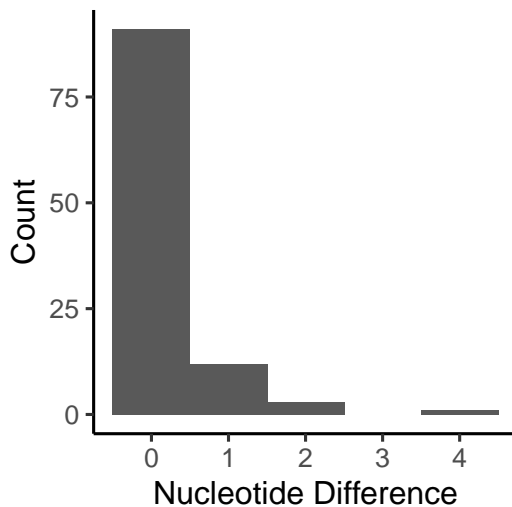
IGKV5-2*01_C214T

11 sequences assigned
9 (81.8%) exact matches, in which:
9 unique CDR3
3 unique J



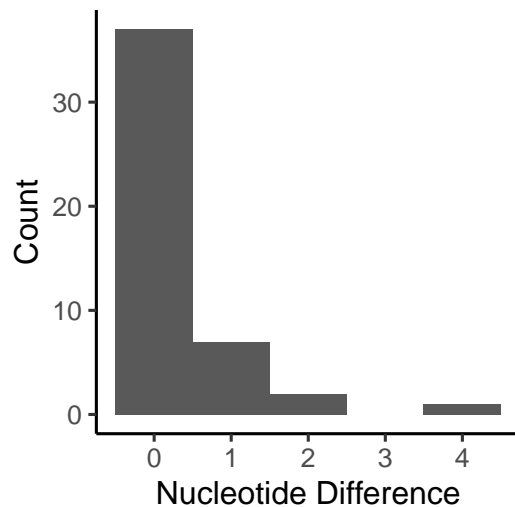
IGKV1D-8*01

107 sequences assigned
91 (85%) exact matches, in which:
71 unique CDR3
6 unique J



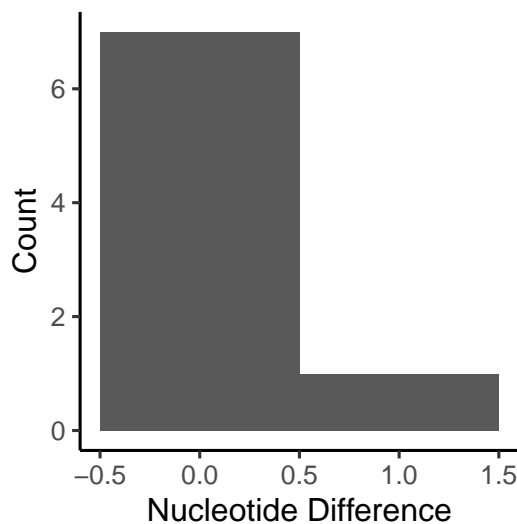
IGKV1D-16*01

47 sequences assigned
37 (78.7%) exact matches, in which:
31 unique CDR3
6 unique J



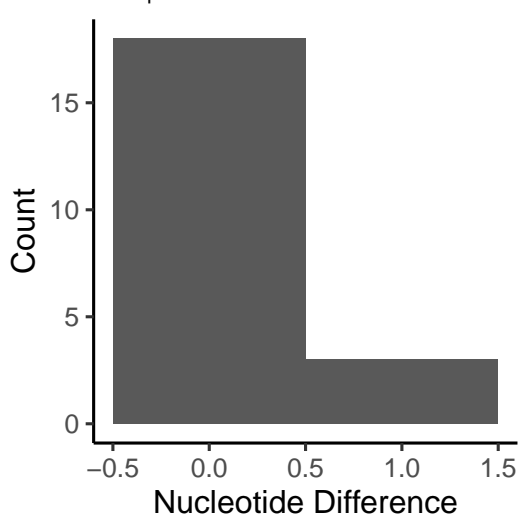
IGKV7-3*01

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



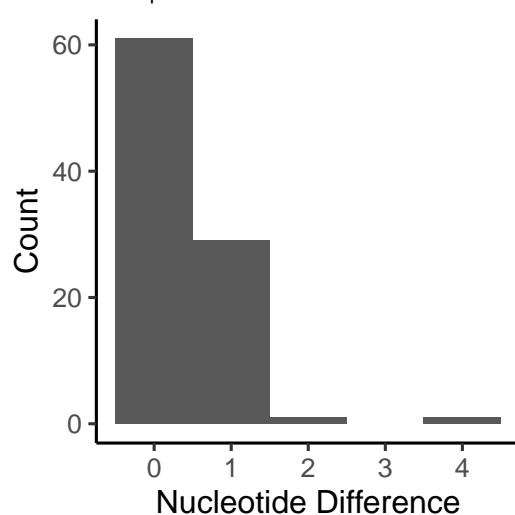
IGKV3D-11*01

21 sequences assigned
18 (85.7%) exact matches, in which:
16 unique CDR3
4 unique J



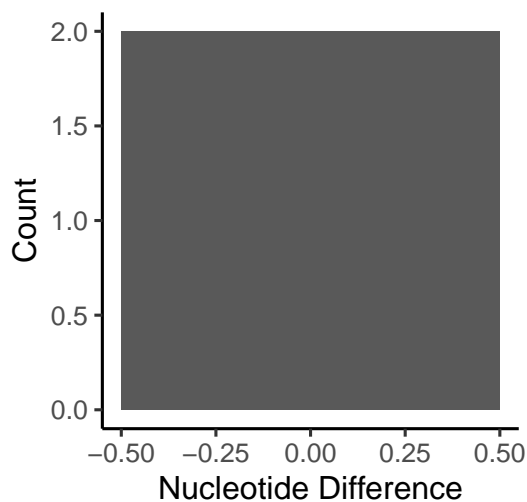
IGKV3D-20*01

92 sequences assigned
61 (66.3%) exact matches, in which:
58 unique CDR3
6 unique J



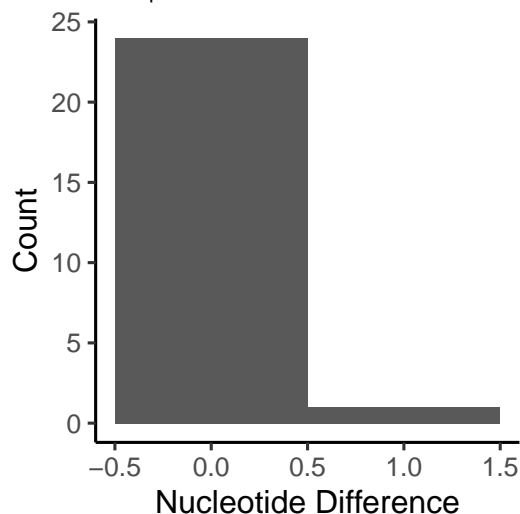
IGKV2D-24*01

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



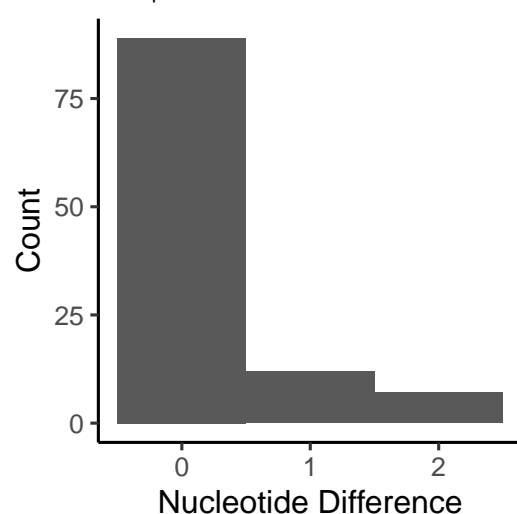
IGKV2D-30*01

25 sequences assigned
24 (96%) exact matches, in which:
23 unique CDR3
6 unique J



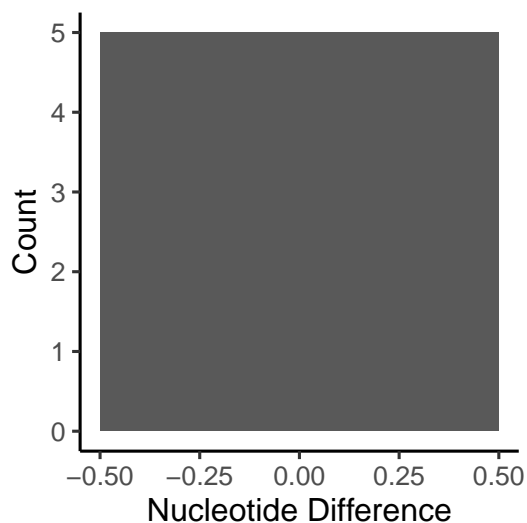
IGKV1E-12*01

108 sequences assigned
89 (82.4%) exact matches, in which:
60 unique CDR3
6 unique J



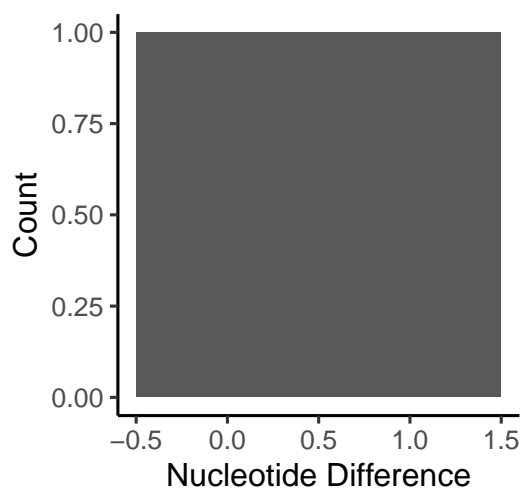
IGKV2D-26*03

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



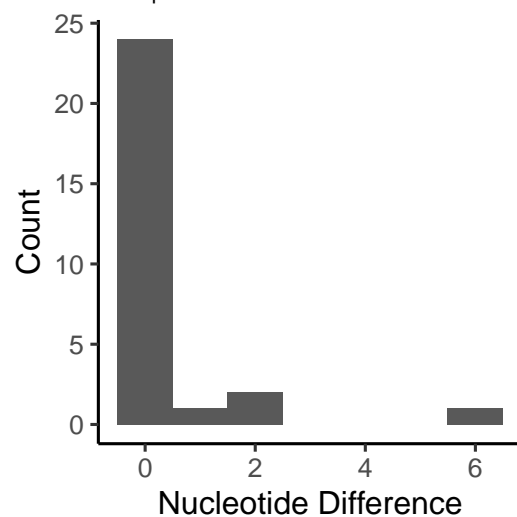
IGKV6D-41*01

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



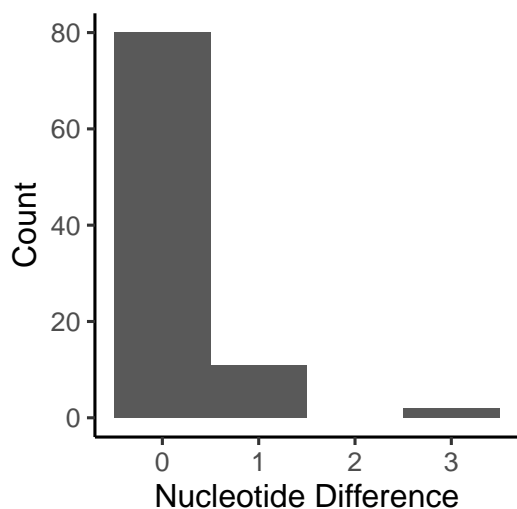
IGKV1E-12*02

28 sequences assigned
24 (85.7%) exact matches, in which:
17 unique CDR3
6 unique J



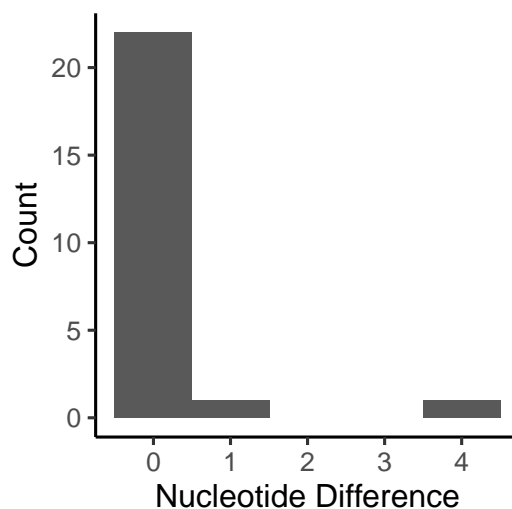
IGKV2D-29*01

94 sequences assigned
80 (85.1%) exact matches, in which:
68 unique CDR3
5 unique J



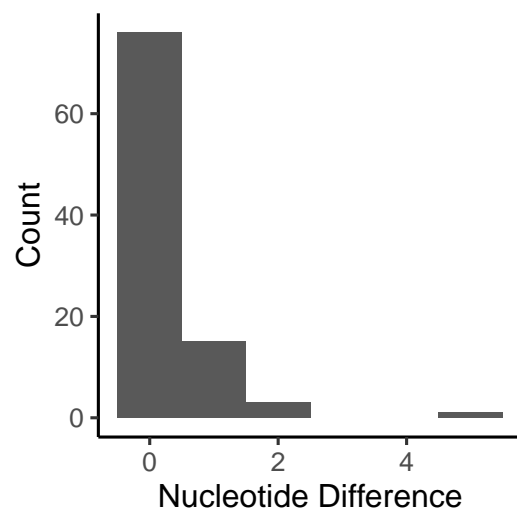
IGKV1D-43*01

24 sequences assigned
22 (91.7%) exact matches, in which:
21 unique CDR3
5 unique J



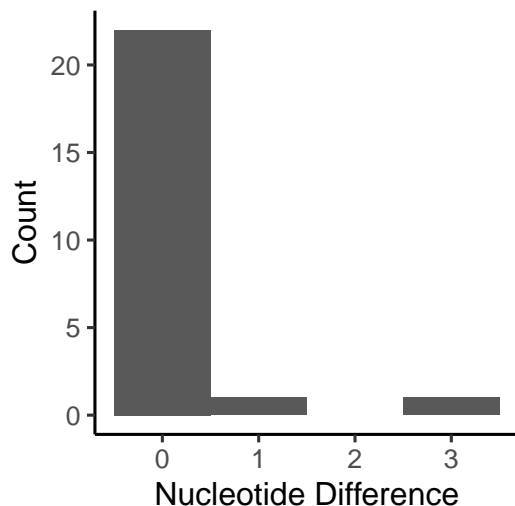
IGKV1E-12*03

95 sequences assigned
76 (80%) exact matches, in which:
65 unique CDR3
6 unique J



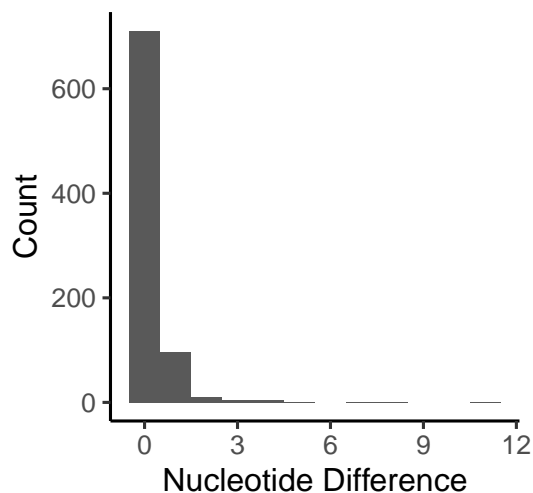
IGKV1E-13*03

24 sequences assigned
22 (91.7%) exact matches, in which:
21 unique CDR3
6 unique J



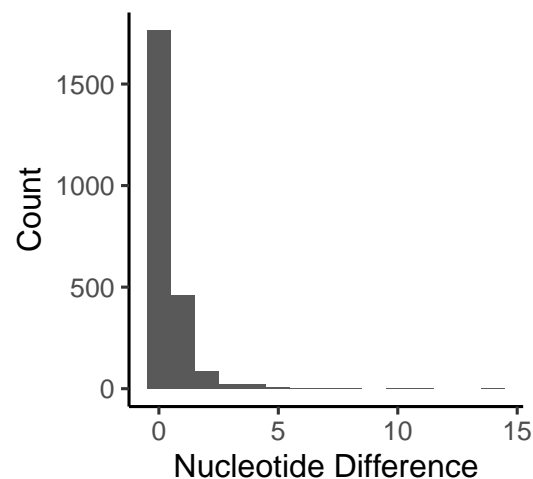
IGKV2E-28*01

830 sequences assigned
711 (85.7%) exact matches, in which:
553 unique CDR3
6 unique J



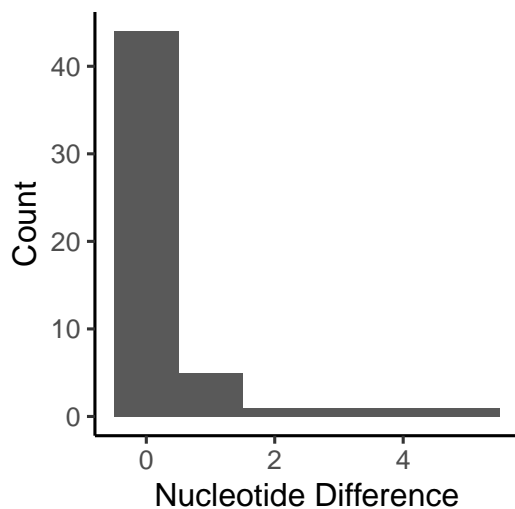
IGKV1E-39*01

2376 sequences assigned
1764 (74.2%) exact matches, in which:
1294 unique CDR3
6 unique J



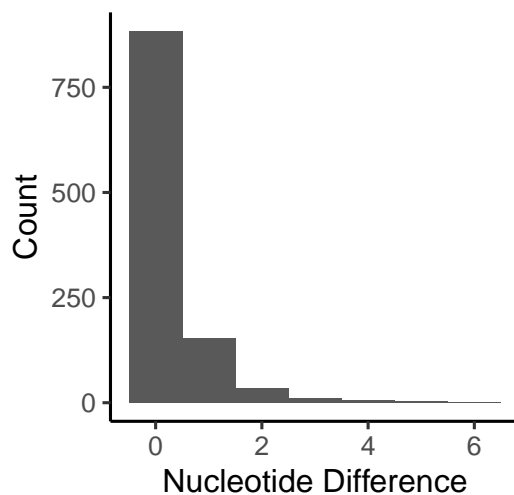
IGKV6E-21*01

53 sequences assigned
44 (83%) exact matches, in which:
40 unique CDR3
6 unique J



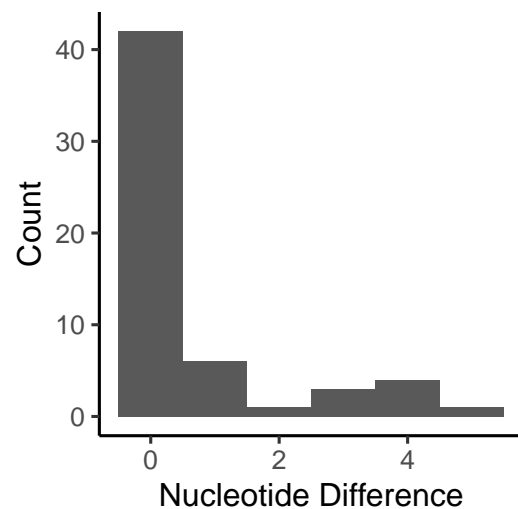
IGKV1E-33*01

1095 sequences assigned
884 (80.7%) exact matches, in which:
679 unique CDR3
6 unique J



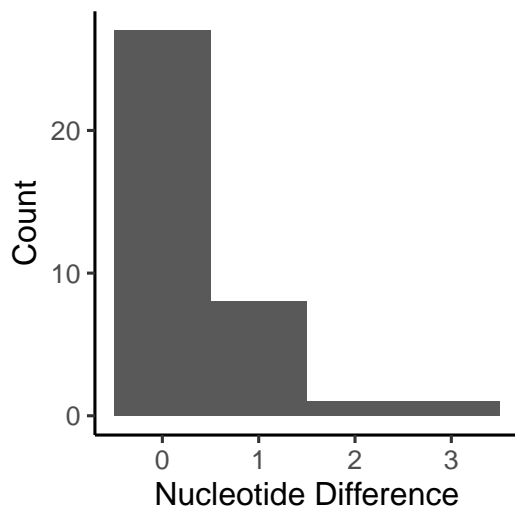
IGKV2E-40*01

57 sequences assigned
42 (73.7%) exact matches, in which:
32 unique CDR3
6 unique J



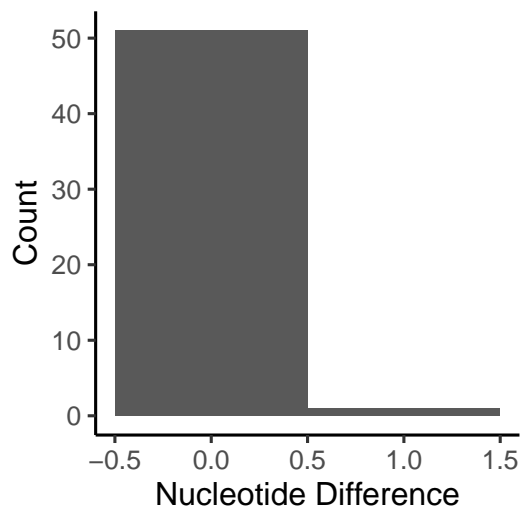
IGKV6E-21*03

37 sequences assigned
27 (73%) exact matches, in which:
25 unique CDR3
5 unique J

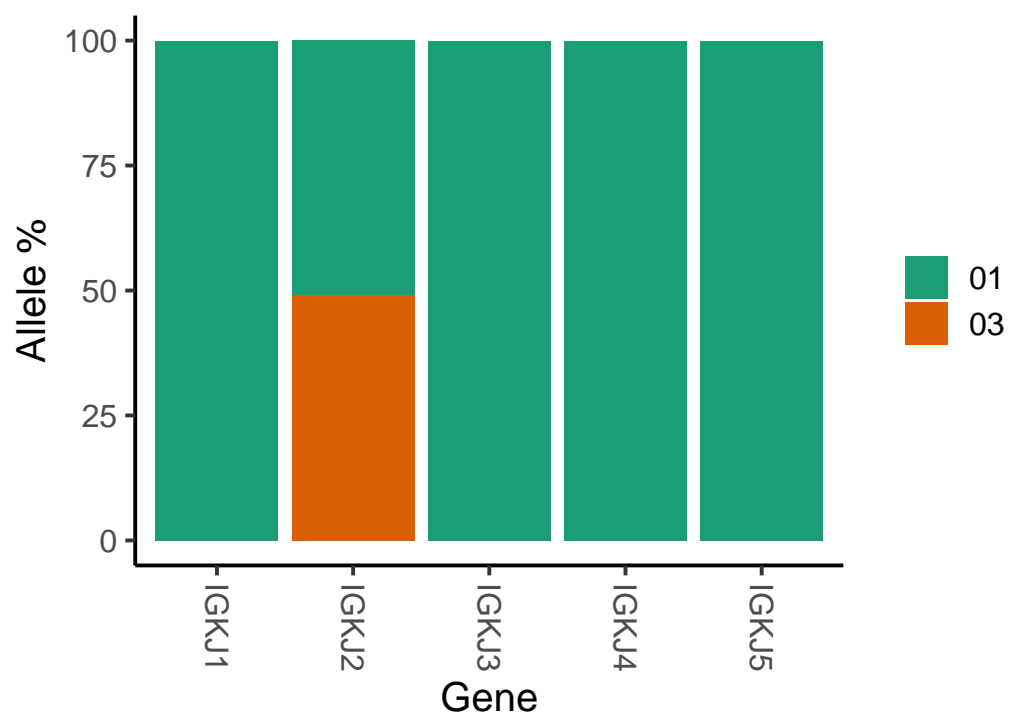


IGKV1E-37*01

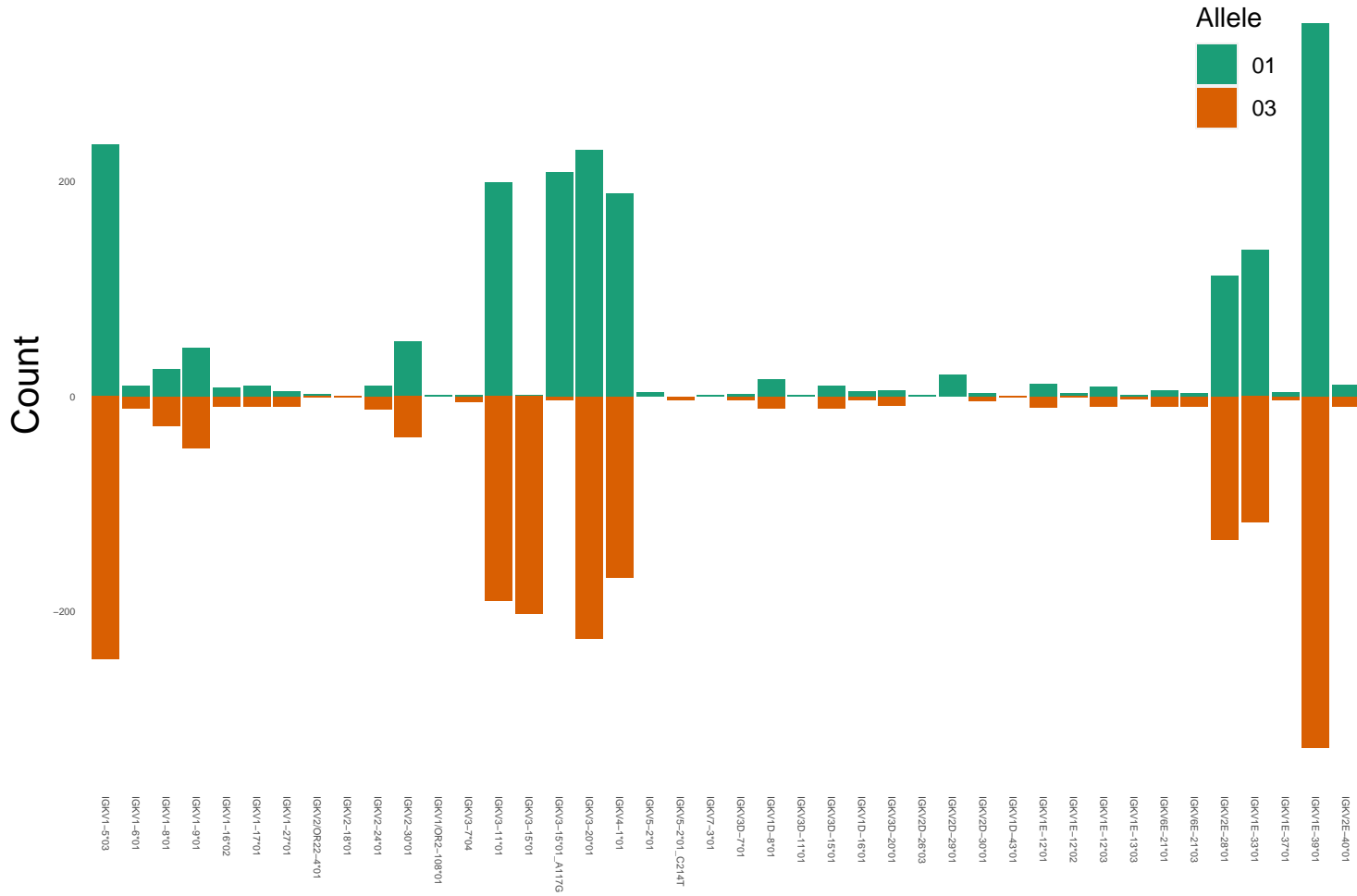
52 sequences assigned
51 (98.1%) exact matches, in which:
51 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.