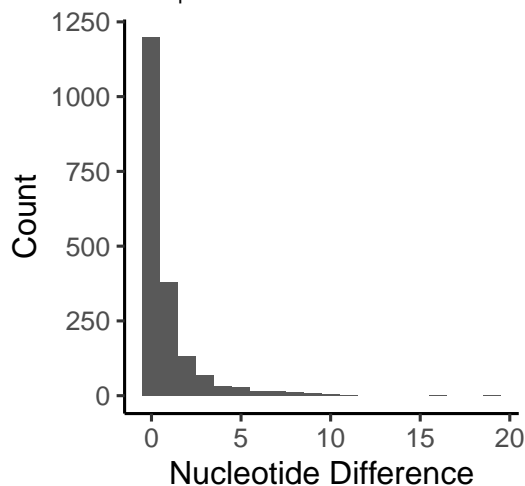


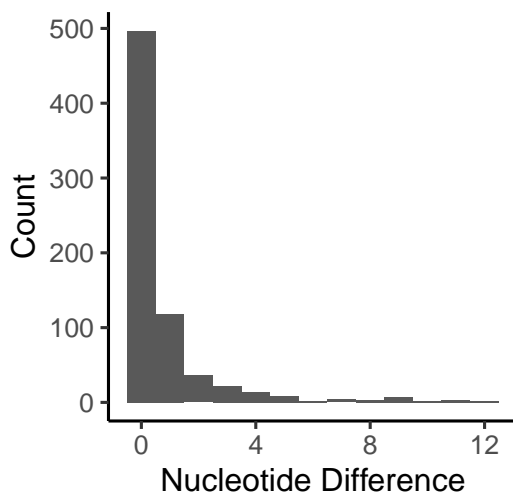
IGKV1-5*03

1896 sequences assigned
1198 (63.2%) exact matches, in which:
858 unique CDR3
6 unique J



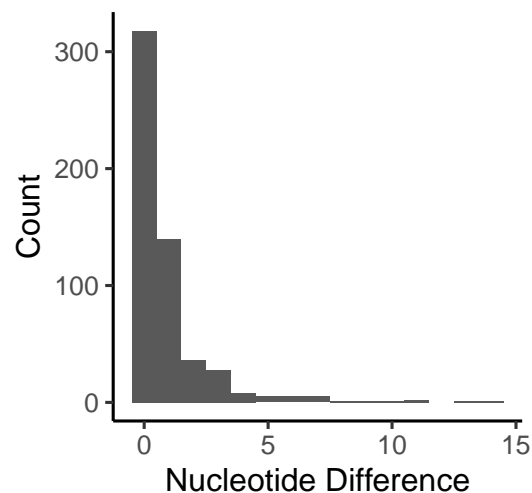
IGKV1-9*01

719 sequences assigned
497 (69.1%) exact matches, in which:
400 unique CDR3
6 unique J



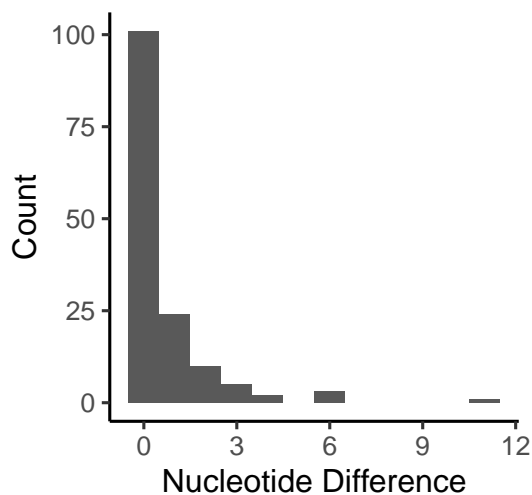
IGKV1-27*01

553 sequences assigned
318 (57.5%) exact matches, in which:
243 unique CDR3
6 unique J



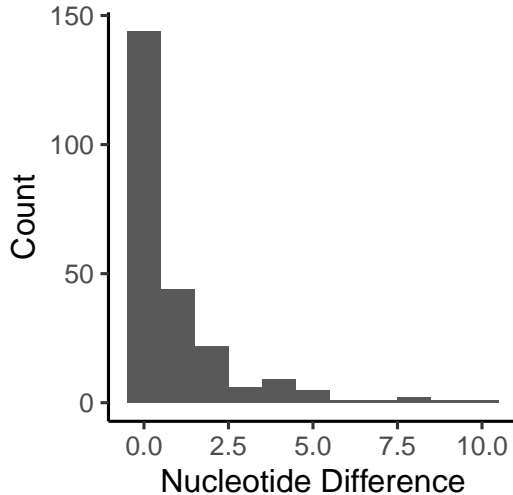
IGKV1-6*01

146 sequences assigned
101 (69.2%) exact matches, in which:
71 unique CDR3
6 unique J



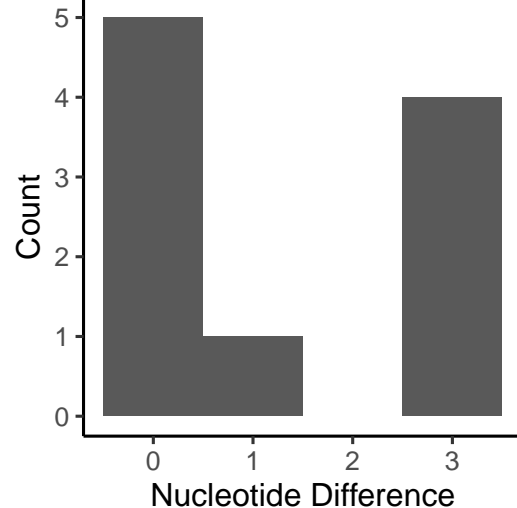
IGKV1-16*02

236 sequences assigned
144 (61%) exact matches, in which:
92 unique CDR3
6 unique J



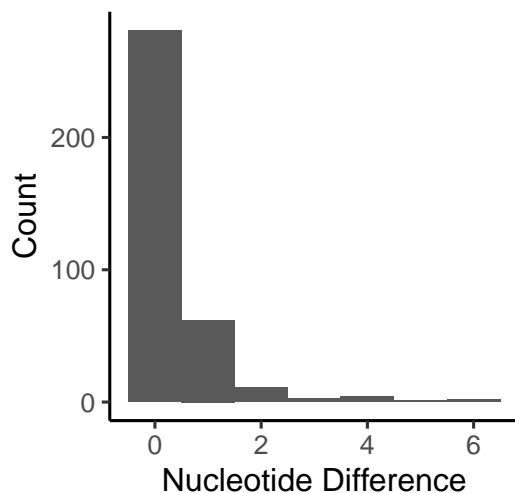
IGKV2/OR22-4*01

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



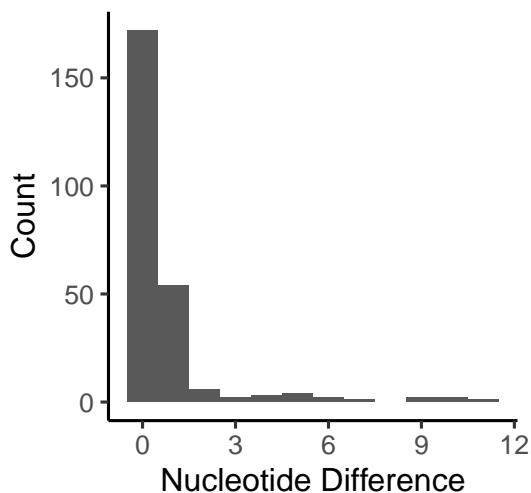
IGKV1-8*01

364 sequences assigned
281 (77.2%) exact matches, in which:
201 unique CDR3
6 unique J



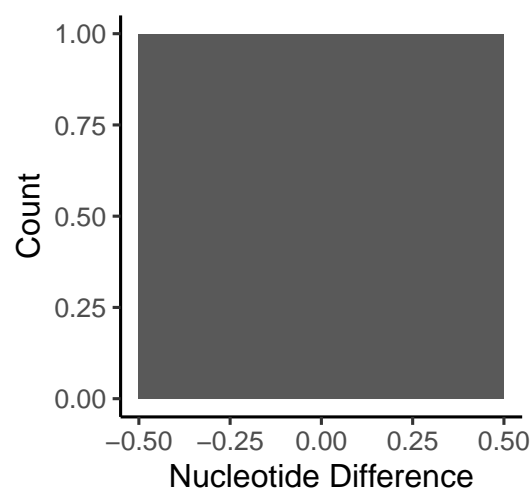
IGKV1-17*01

249 sequences assigned
172 (69.1%) exact matches, in which:
133 unique CDR3
6 unique J



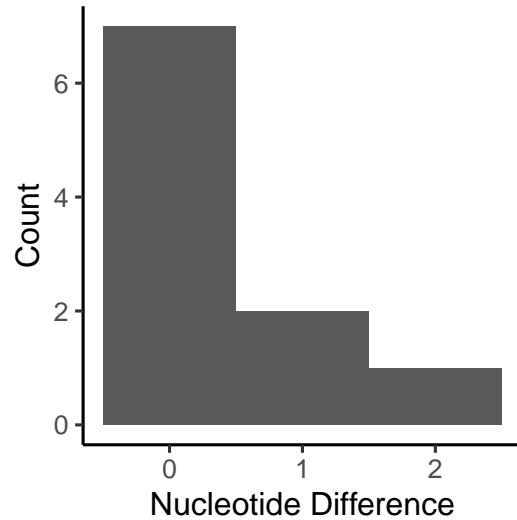
IGKV2-4*01

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



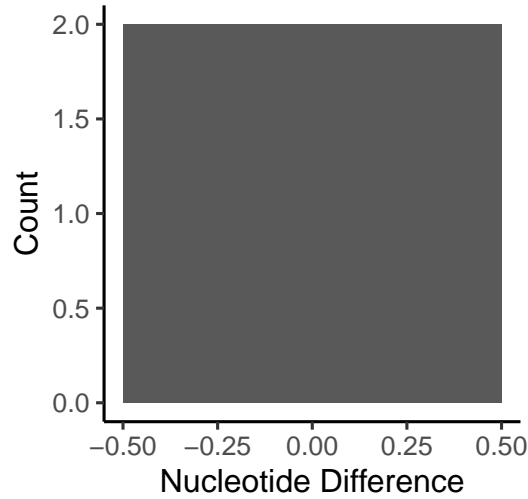
IGKV2-18*01

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



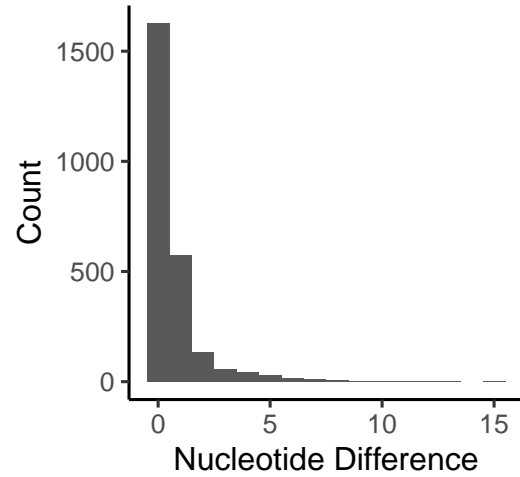
IGKV1/OR2-108*01

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



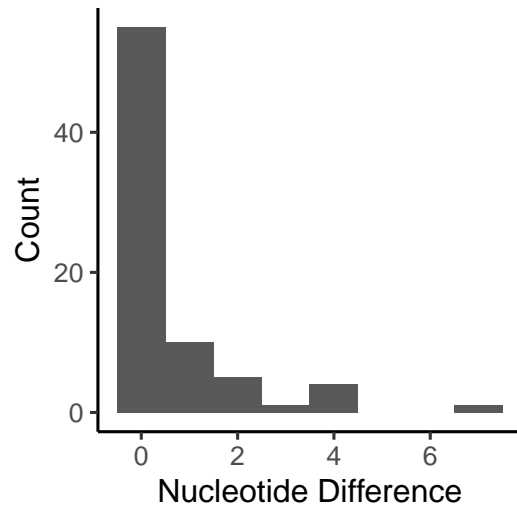
IGKV3-11*01

2510 sequences assigned
1626 (64.8%) exact matches, in which:
1192 unique CDR3
6 unique J



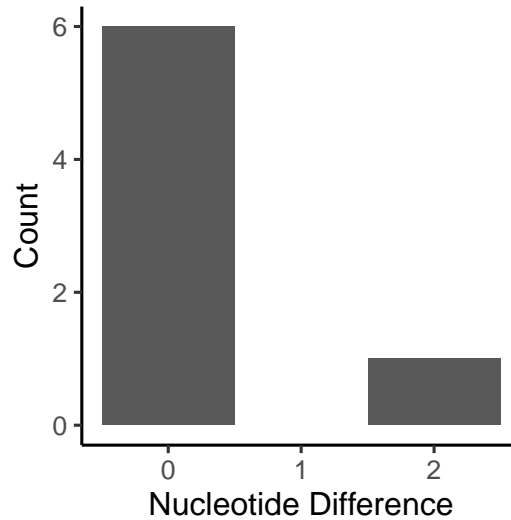
IGKV2-24*01

76 sequences assigned
55 (72.4%) exact matches, in which:
49 unique CDR3
6 unique J



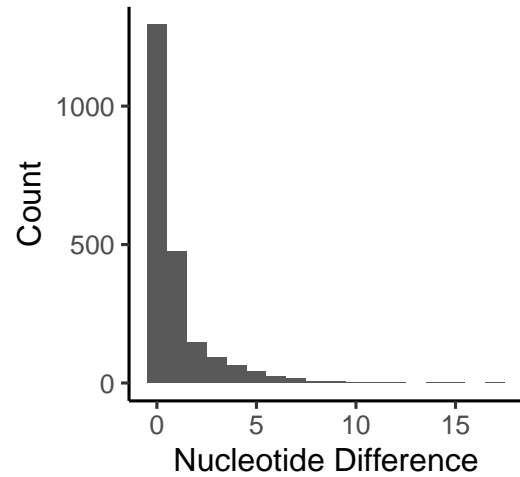
IGKV3/OR2-268*01

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



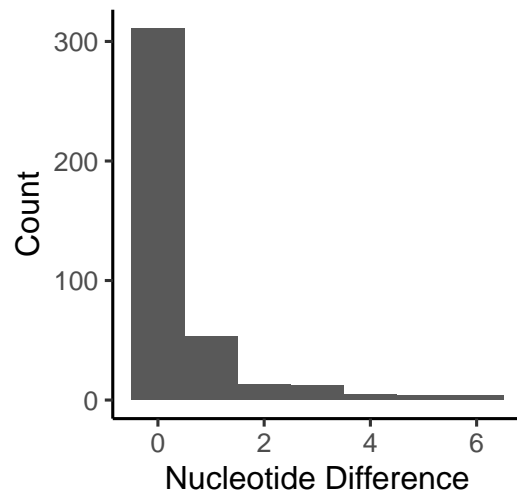
IGKV3-15*01

2178 sequences assigned
1294 (59.4%) exact matches, in which:
948 unique CDR3
6 unique J



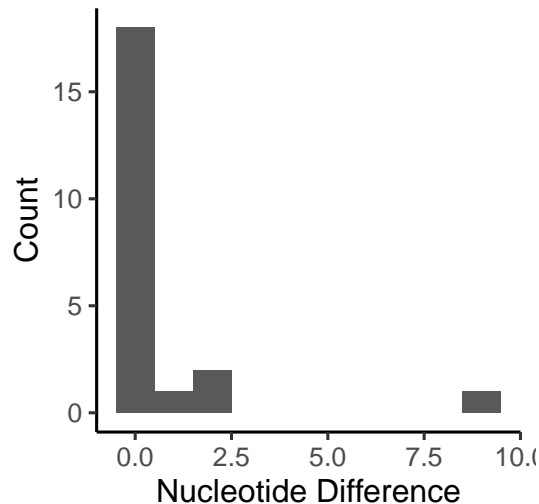
IGKV2-30*01

403 sequences assigned
311 (77.2%) exact matches, in which:
272 unique CDR3
6 unique J



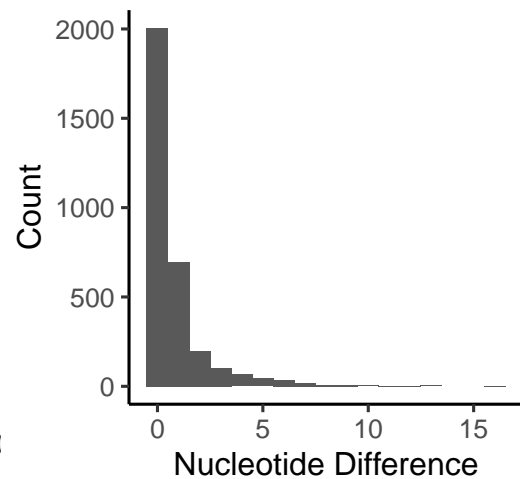
IGKV3-7*04

22 sequences assigned
18 (81.8%) exact matches, in which:
17 unique CDR3
4 unique J



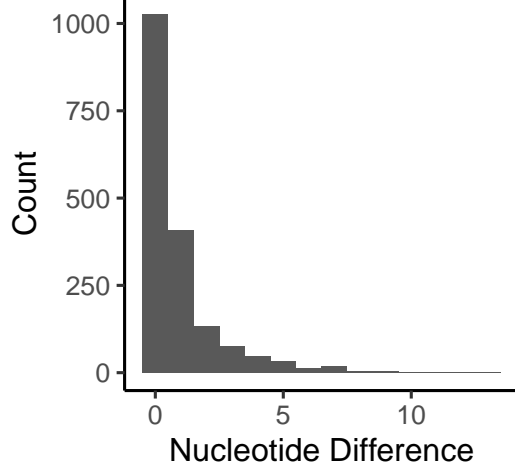
IGKV3-20*01

3193 sequences assigned
2005 (62.8%) exact matches, in which:
1456 unique CDR3
6 unique J



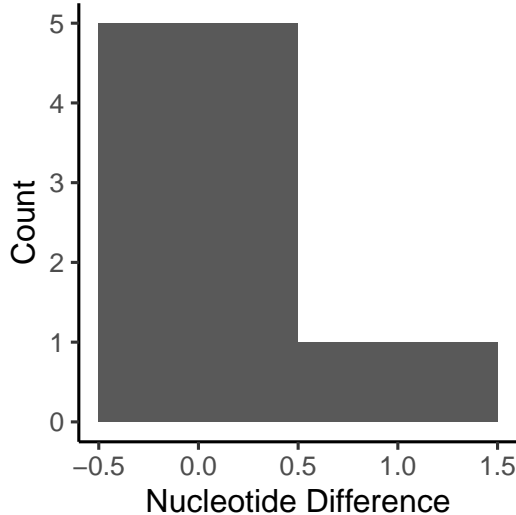
IGKV4-1*01

1771 sequences assigned
1026 (57.9%) exact matches, in which:
697 unique CDR3
6 unique J



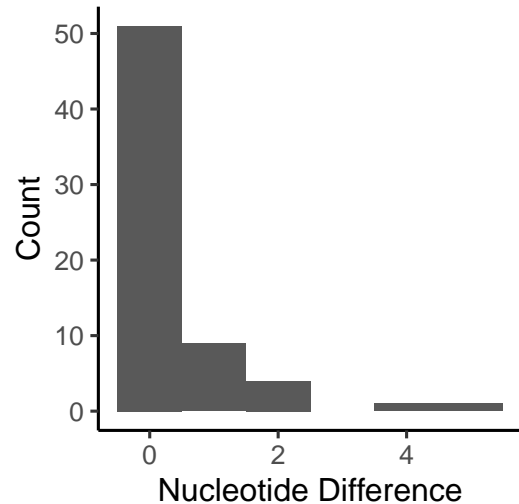
IGKV7-3*01

6 sequences assigned
5 (83.3%) exact matches, in which:
5 unique CDR3
3 unique J



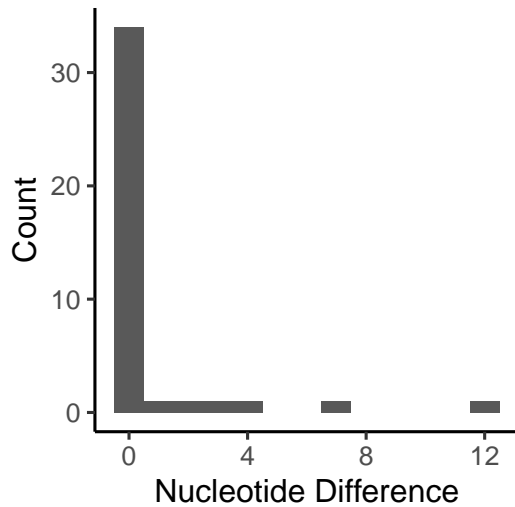
IGKV1D-8*02

66 sequences assigned
51 (77.3%) exact matches, in which:
40 unique CDR3
5 unique J



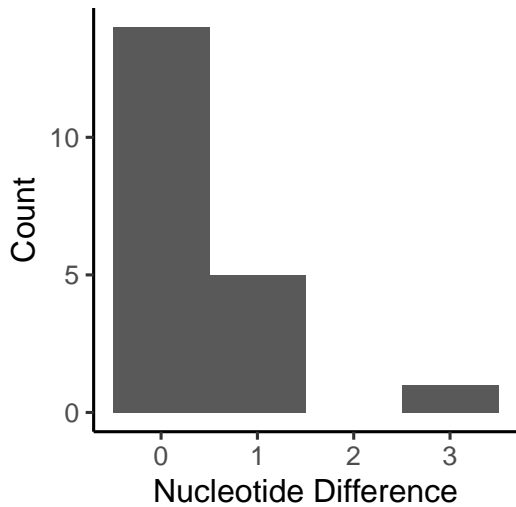
IGKV5-2*01

40 sequences assigned
34 (85%) exact matches, in which:
29 unique CDR3
4 unique J



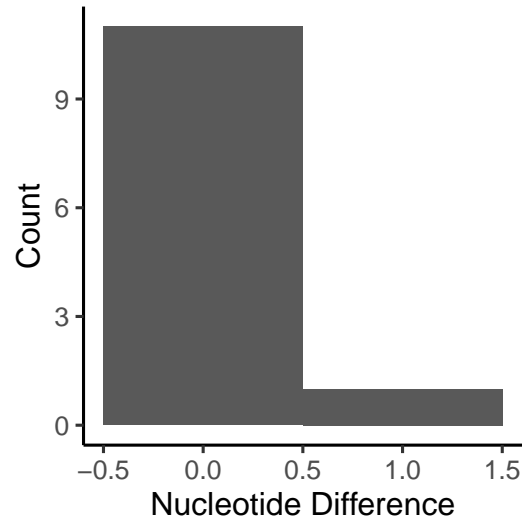
IGKV3D-7*01

20 sequences assigned
14 (70%) exact matches, in which:
14 unique CDR3
5 unique J



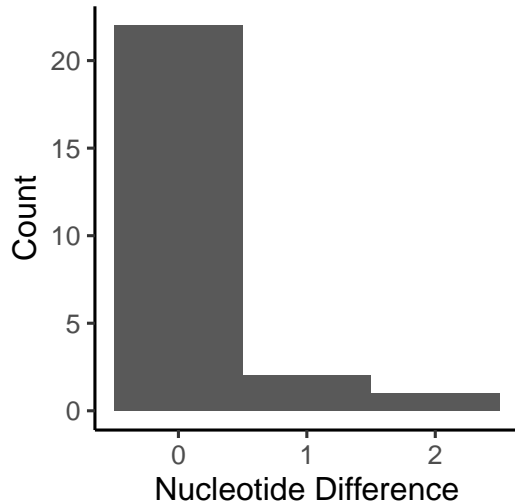
IGKV3D-11*01

12 sequences assigned
11 (91.7%) exact matches, in which:
10 unique CDR3
3 unique J



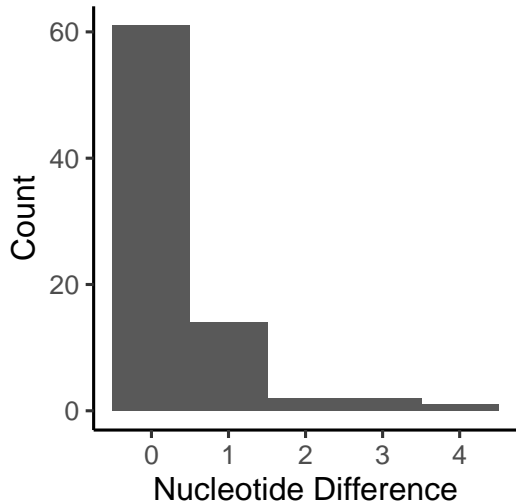
IGKV5-2*01_C214T

25 sequences assigned
22 (88%) exact matches, in which:
21 unique CDR3
4 unique J



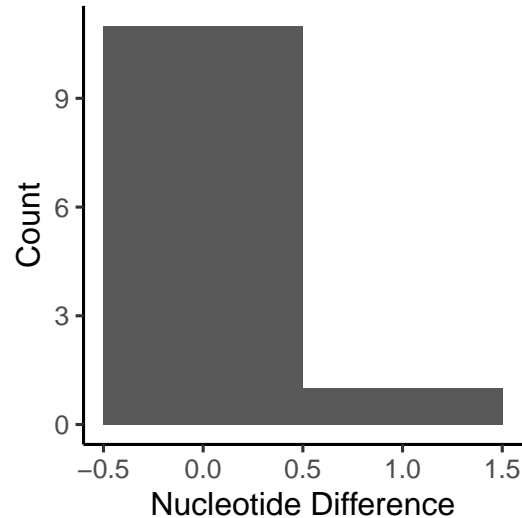
IGKV1D-8*01

80 sequences assigned
61 (76.2%) exact matches, in which:
48 unique CDR3
5 unique J



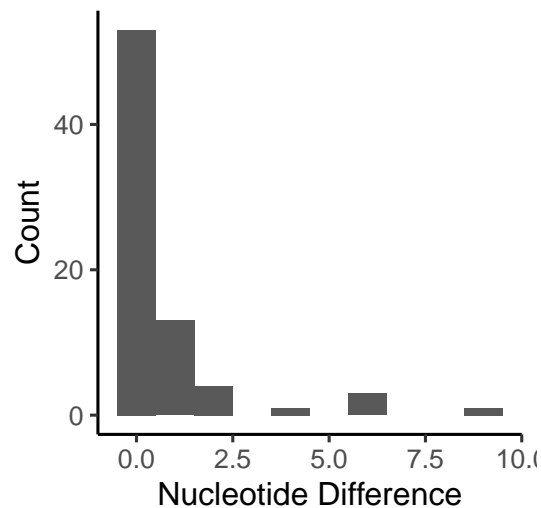
IGKV3D-11*02

12 sequences assigned
11 (91.7%) exact matches, in which:
11 unique CDR3
4 unique J



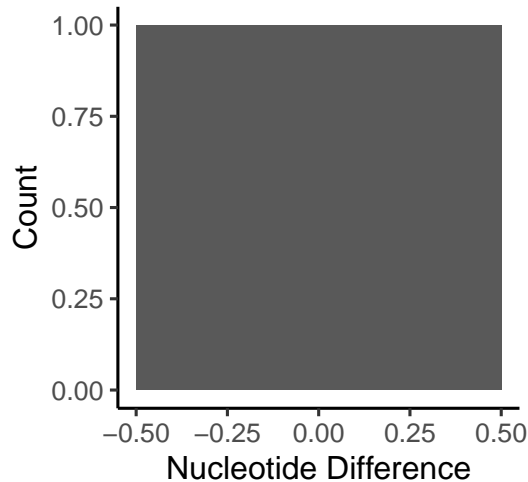
IGKV3D-15*01

75 sequences assigned
53 (70.7%) exact matches, in which:
47 unique CDR3
5 unique J



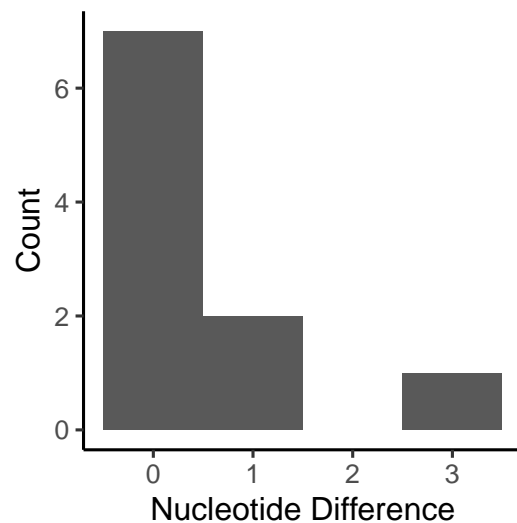
IGKV1D-17*01

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



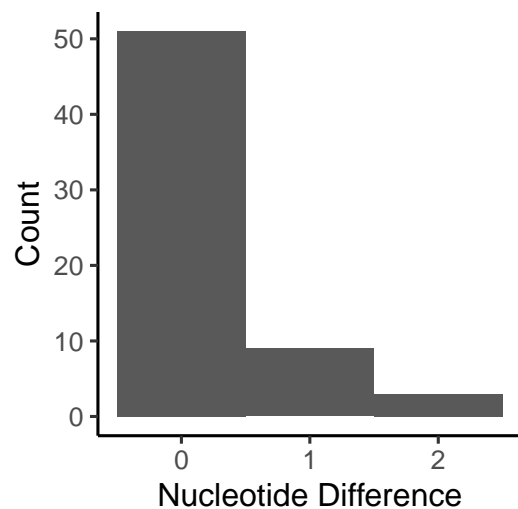
IGKV2D-26*03

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



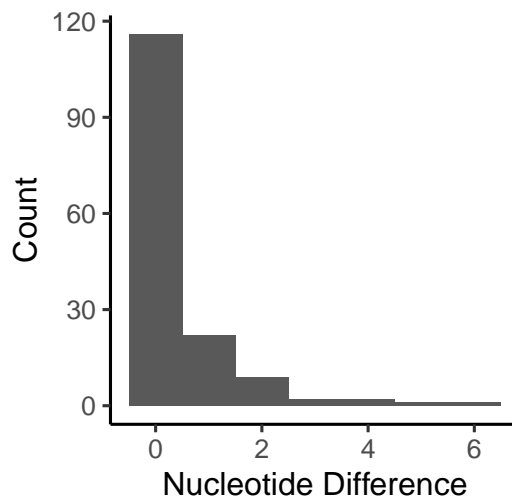
IGKV3D-15*03

63 sequences assigned
51 (81%) exact matches, in which:
48 unique CDR3
5 unique J



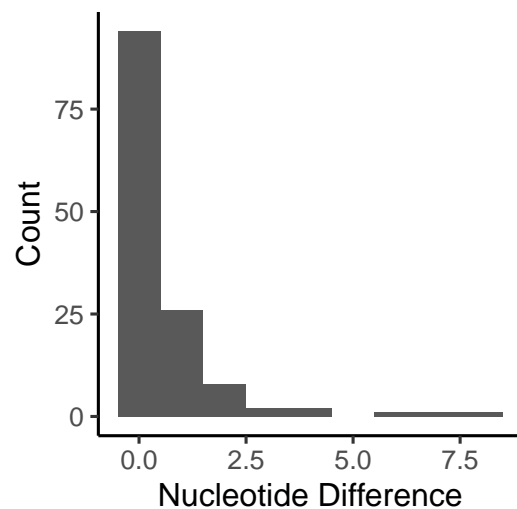
IGKV3D-20*01

153 sequences assigned
116 (75.8%) exact matches, in which:
99 unique CDR3
6 unique J



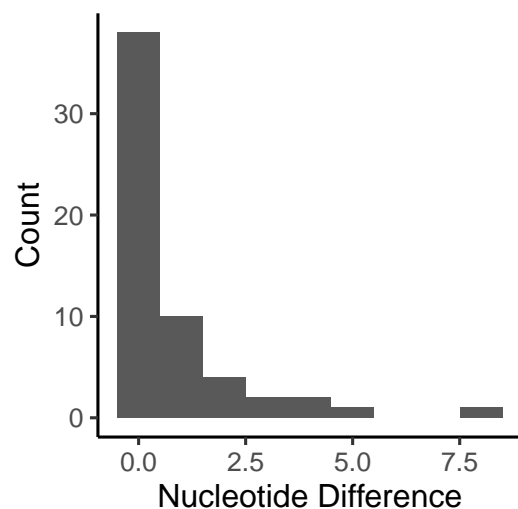
IGKV2D-29*01

136 sequences assigned
94 (69.1%) exact matches, in which:
81 unique CDR3
5 unique J



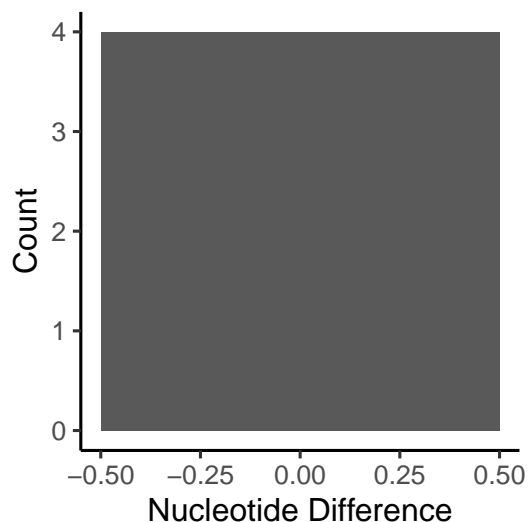
IGKV1D-16*01

58 sequences assigned
38 (65.5%) exact matches, in which:
33 unique CDR3
6 unique J



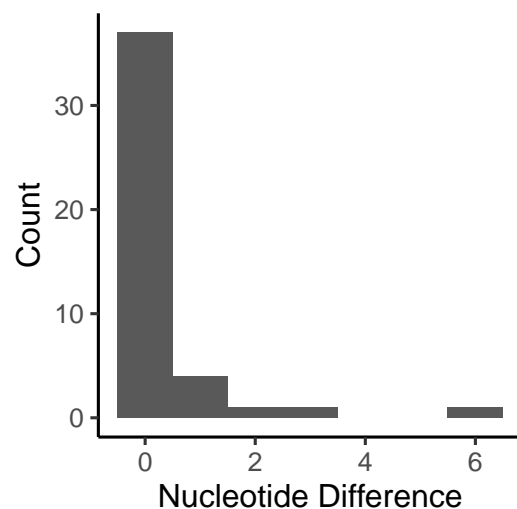
IGKV2D-24*01

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



IGKV2D-30*01

44 sequences assigned
37 (84.1%) exact matches, in which:
35 unique CDR3
6 unique J



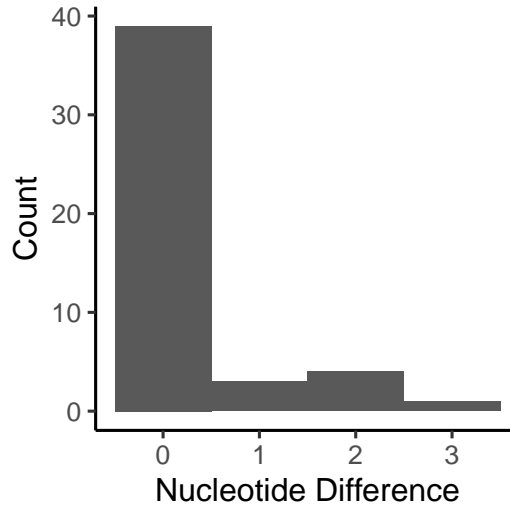
IGKV6D-41*01

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



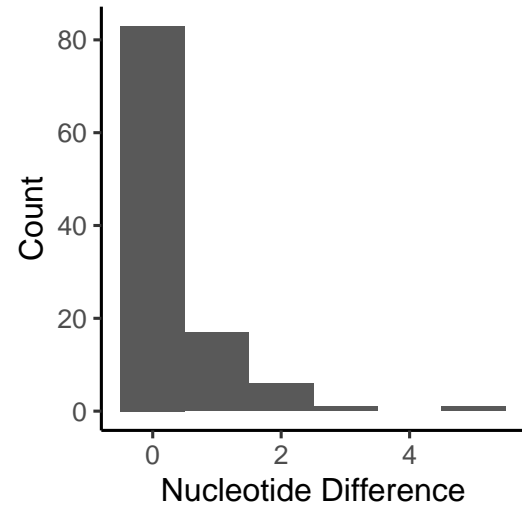
IGKV1E-12*02

48 sequences assigned
39 (81.2%) exact matches, in which:
29 unique CDR3
6 unique J



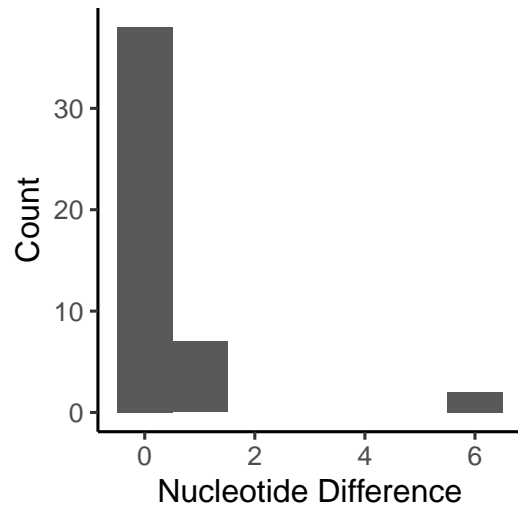
IGKV6E-21*01

108 sequences assigned
83 (76.9%) exact matches, in which:
60 unique CDR3
6 unique J



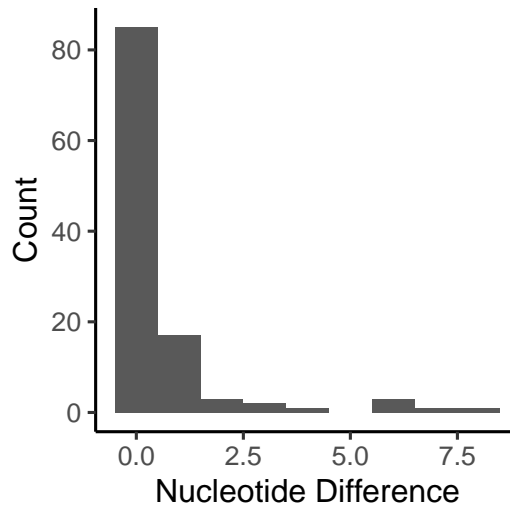
IGKV1D-43*01

47 sequences assigned
38 (80.9%) exact matches, in which:
37 unique CDR3
6 unique J



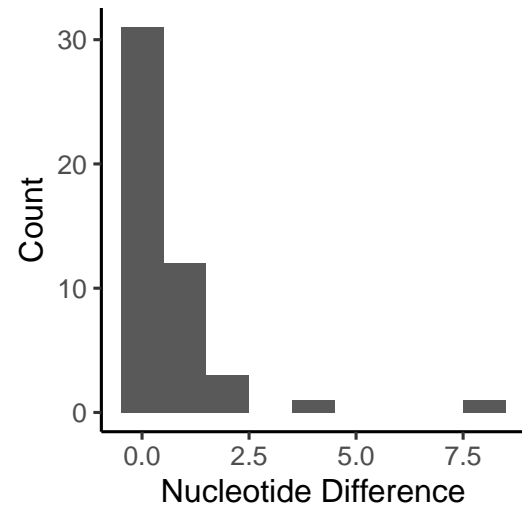
IGKV1E-12*03

113 sequences assigned
85 (75.2%) exact matches, in which:
66 unique CDR3
5 unique J



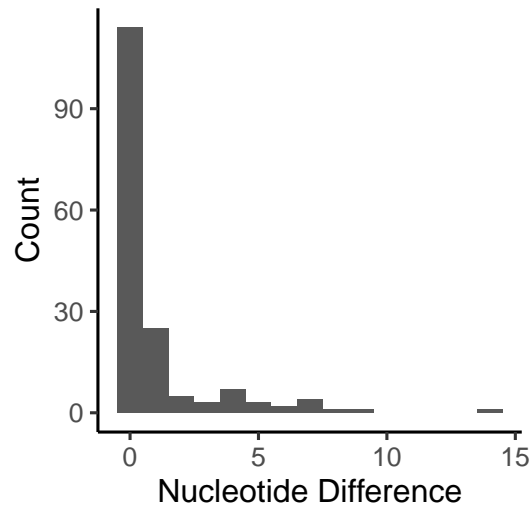
IGKV6E-21*03

48 sequences assigned
31 (64.6%) exact matches, in which:
26 unique CDR3
6 unique J



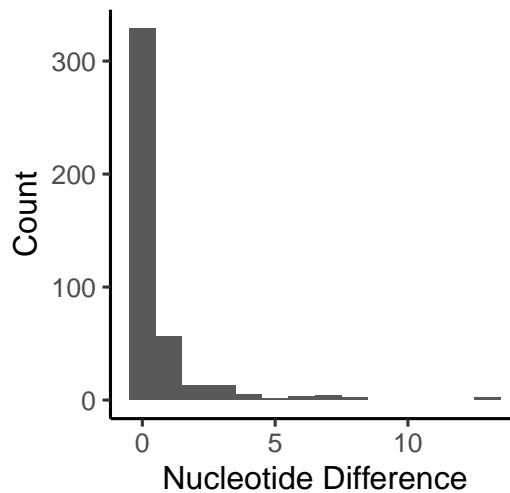
IGKV1E-12*01

166 sequences assigned
114 (68.7%) exact matches, in which:
78 unique CDR3
6 unique J



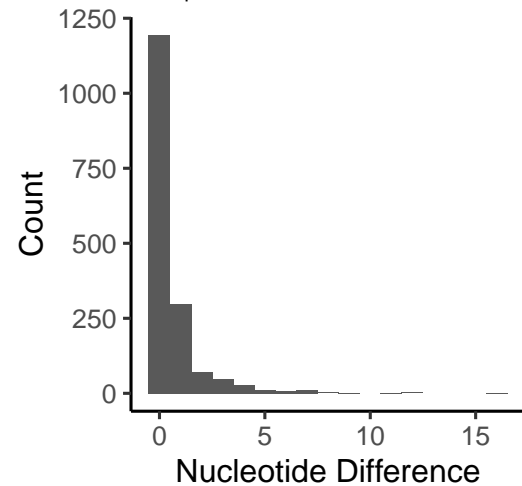
IGKV1E-13*02

428 sequences assigned
329 (76.9%) exact matches, in which:
243 unique CDR3
6 unique J



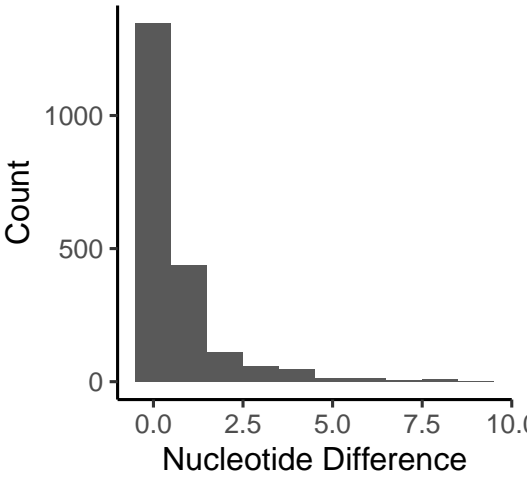
IGKV2E-28*01

1675 sequences assigned
1194 (71.3%) exact matches, in which:
850 unique CDR3
6 unique J



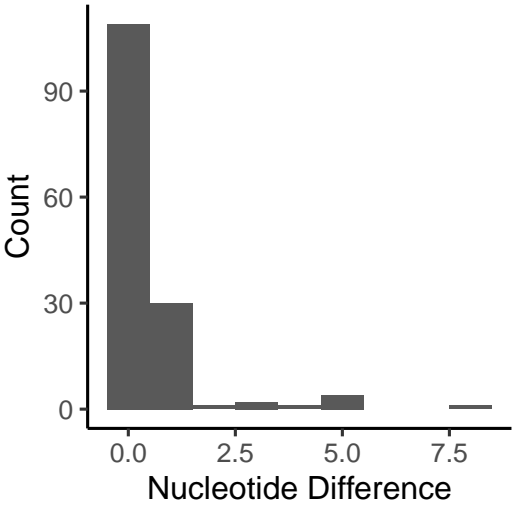
IGKV1E-33*01

2038 sequences assigned
1346 (66%) exact matches, in which:
921 unique CDR3
6 unique J



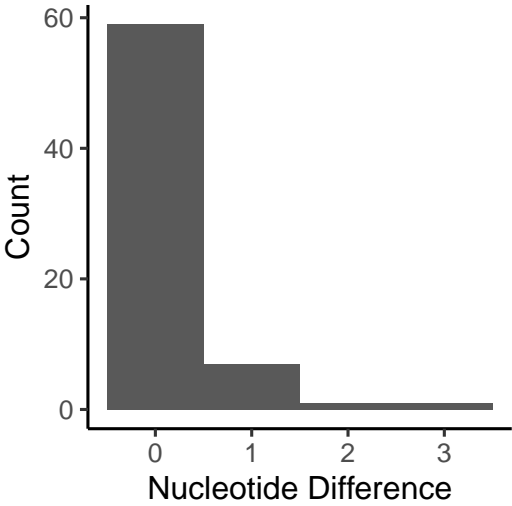
IGKV2E-40*01

148 sequences assigned
109 (73.6%) exact matches, in which:
88 unique CDR3
6 unique J



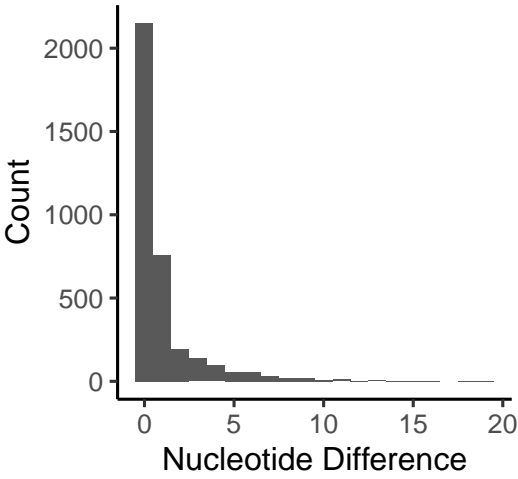
IGKV1E-37*01

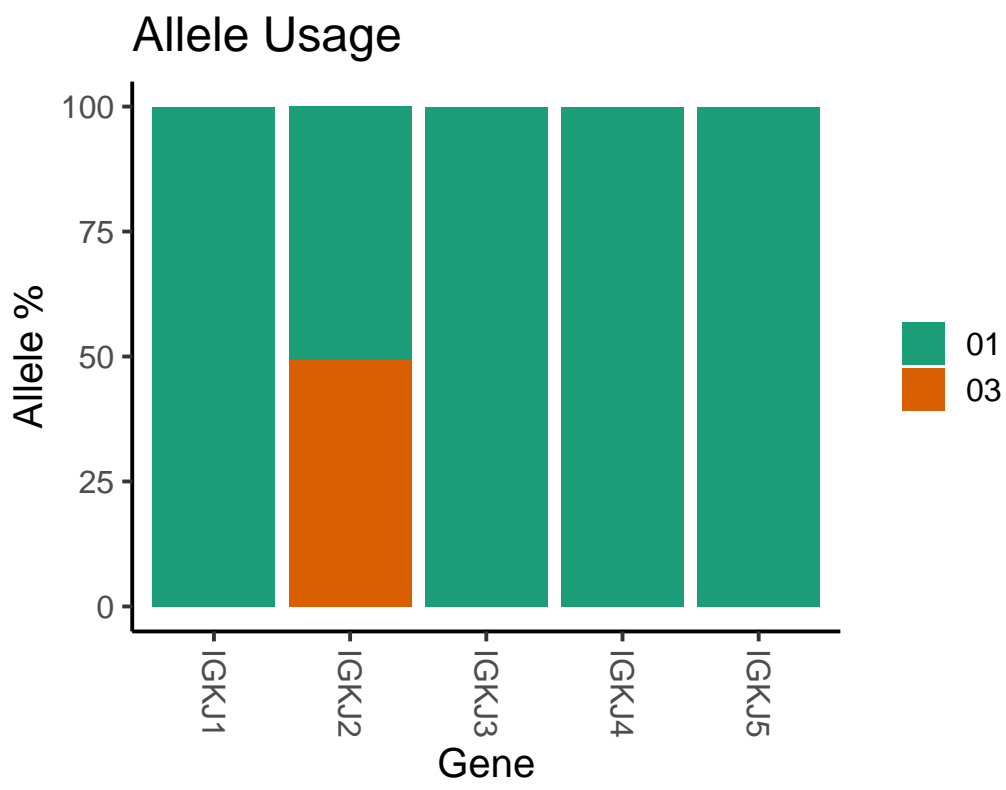
68 sequences assigned
59 (86.8%) exact matches, in which:
50 unique CDR3
6 unique J



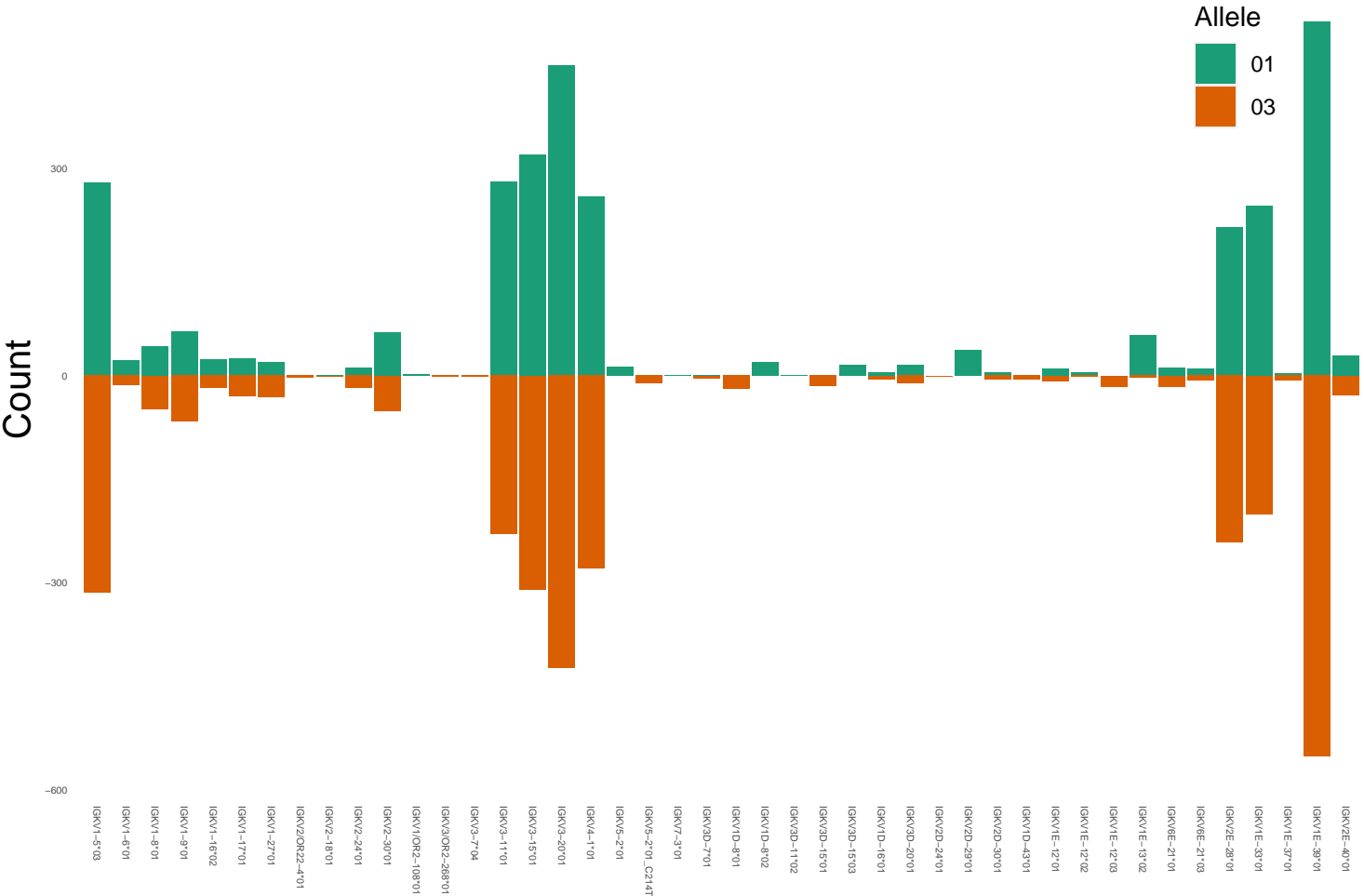
IGKV1E-39*01

3554 sequences assigned
2151 (60.5%) exact matches, in which:
1413 unique CDR3
6 unique J





Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.