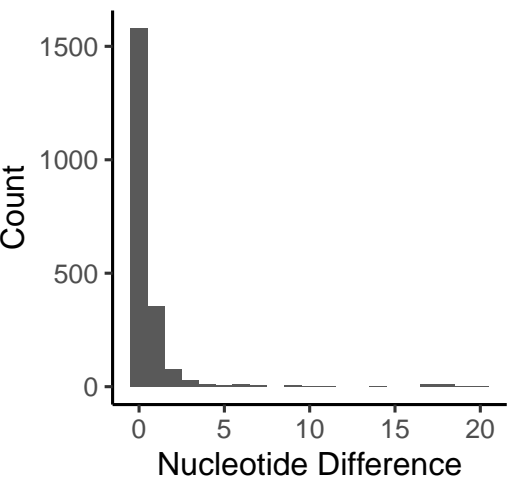


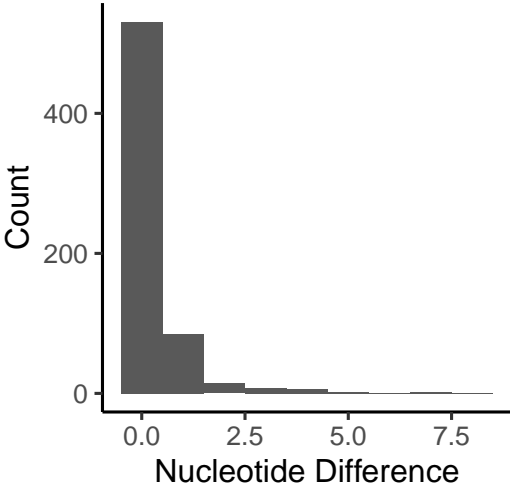
IGKV1-5*03

2116 sequences assigned
1579 (74.6%) exact matches, in which:
1158 unique CDR3
6 unique J



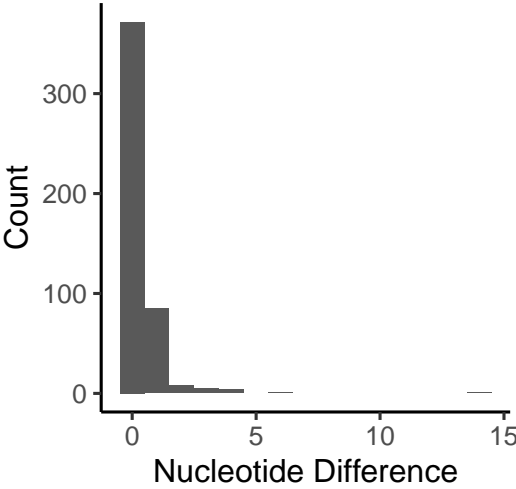
IGKV1-9*01

650 sequences assigned
531 (81.7%) exact matches, in which:
418 unique CDR3
6 unique J



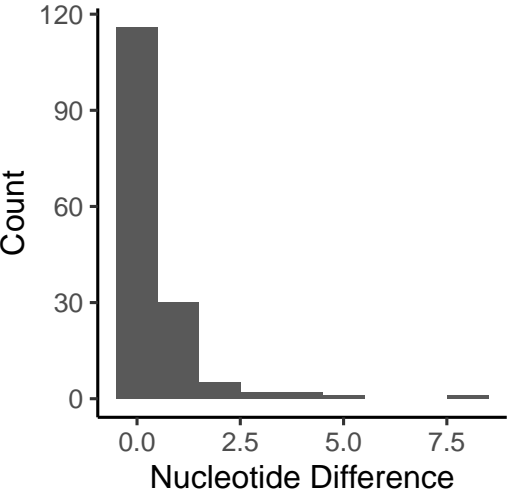
IGKV1-27*01

479 sequences assigned
372 (77.7%) exact matches, in which:
272 unique CDR3
6 unique J



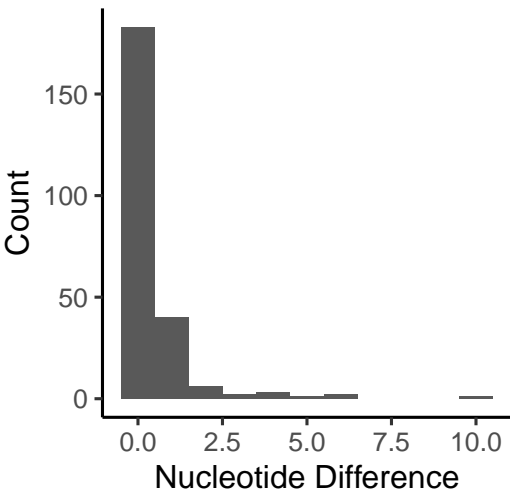
IGKV1-6*01

157 sequences assigned
116 (73.9%) exact matches, in which:
85 unique CDR3
6 unique J



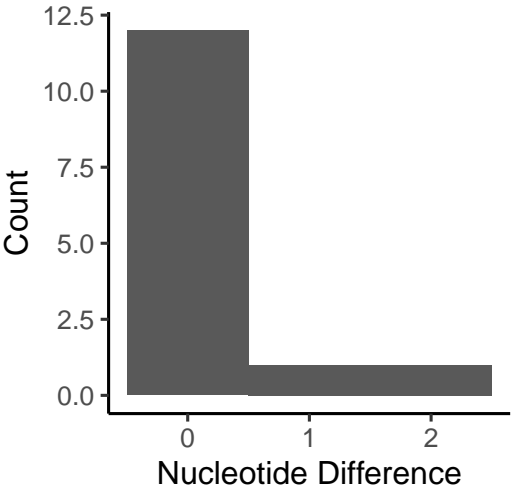
IGKV1-16*02

238 sequences assigned
183 (76.9%) exact matches, in which:
145 unique CDR3
6 unique J



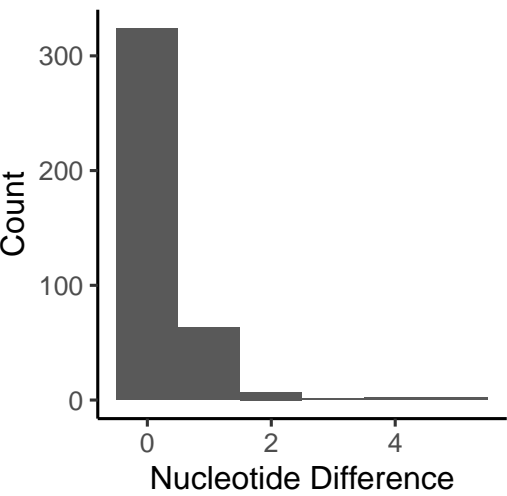
IGKV2/OR22-4*01

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



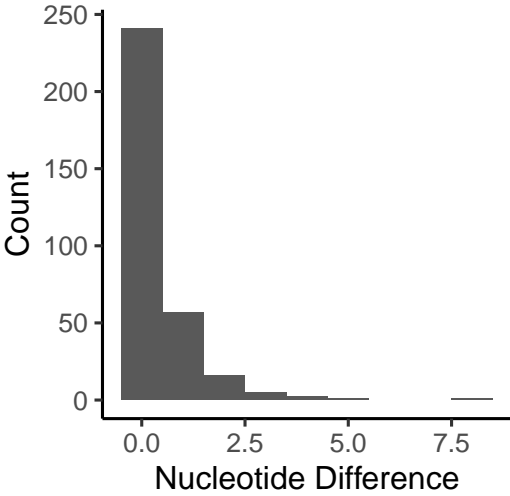
IGKV1-8*01

399 sequences assigned
324 (81.2%) exact matches, in which:
235 unique CDR3
6 unique J



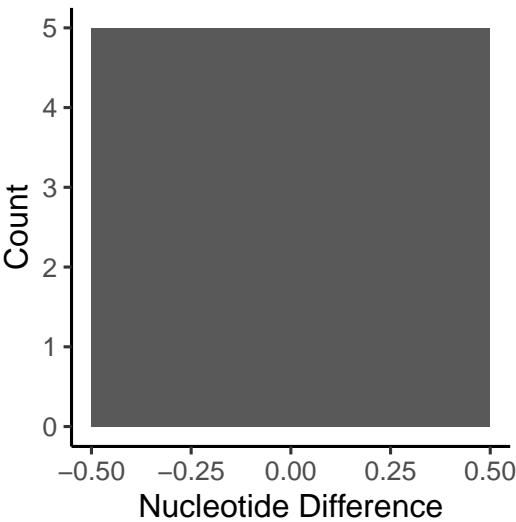
IGKV1-17*01

324 sequences assigned
241 (74.4%) exact matches, in which:
196 unique CDR3
6 unique J



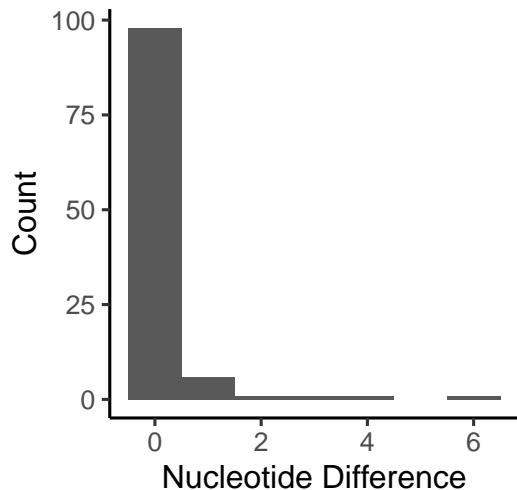
IGKV2-18*01

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



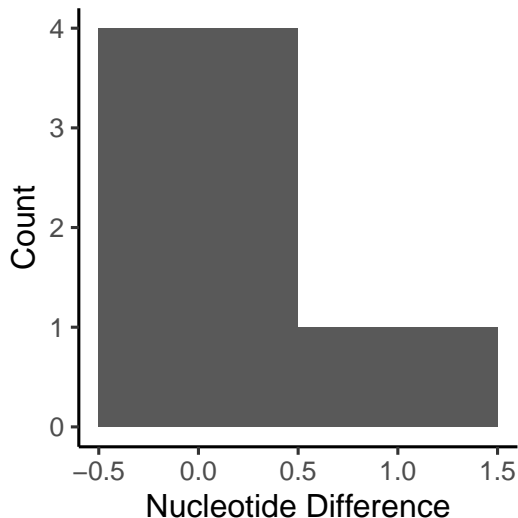
IGKV2–24*01

108 sequences assigned
98 (90.7%) exact matches, in which:
88 unique CDR3
6 unique J



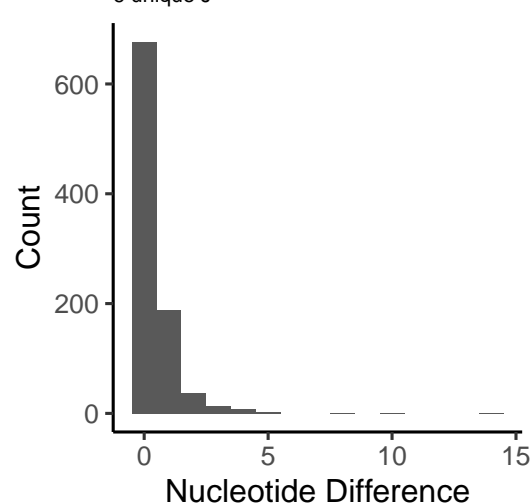
IGKV3/OR2–268*01

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



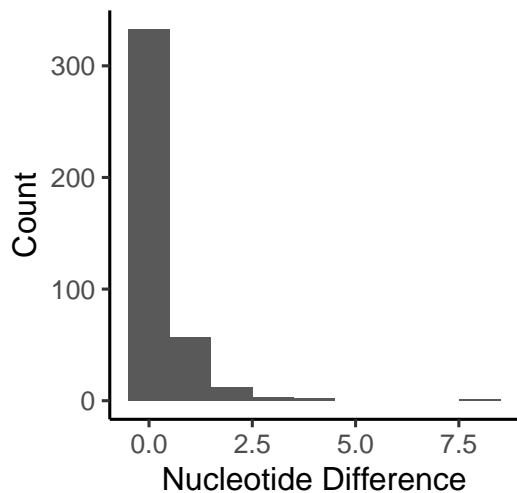
IGKV3–15*01

929 sequences assigned
677 (72.9%) exact matches, in which:
552 unique CDR3
6 unique J



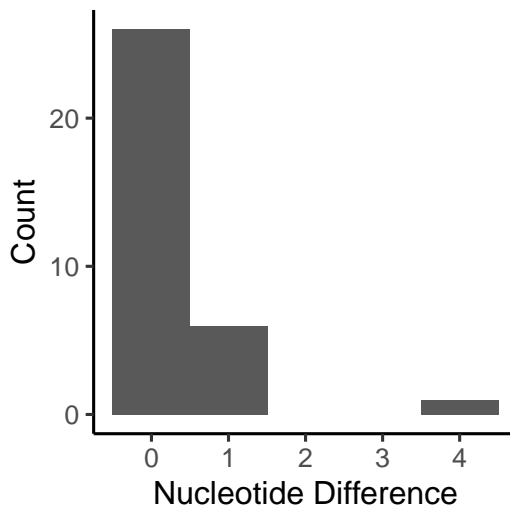
IGKV2–30*01

408 sequences assigned
333 (81.6%) exact matches, in which:
283 unique CDR3
6 unique J



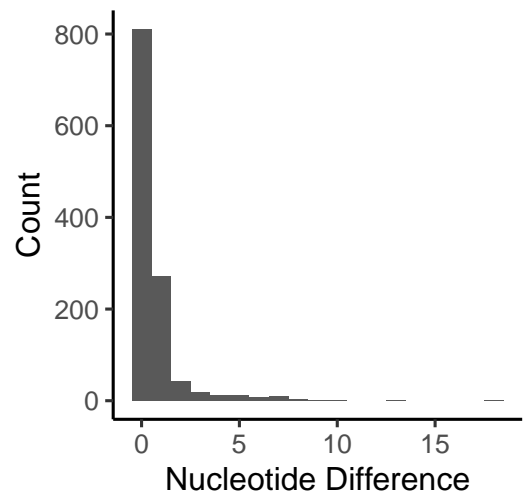
IGKV3–7*04

33 sequences assigned
26 (78.8%) exact matches, in which:
25 unique CDR3
5 unique J



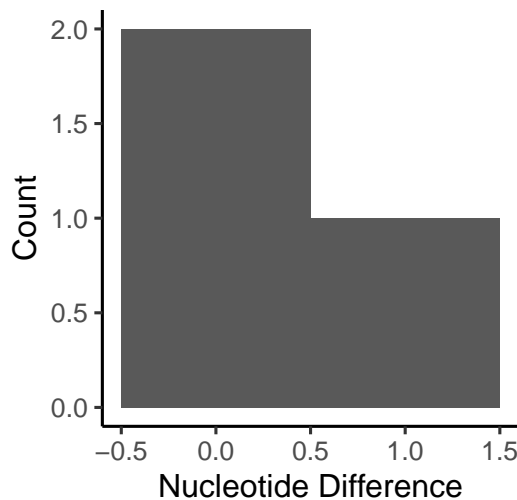
IGKV3–15*01_G107A

1194 sequences assigned
811 (67.9%) exact matches, in which:
655 unique CDR3
6 unique J



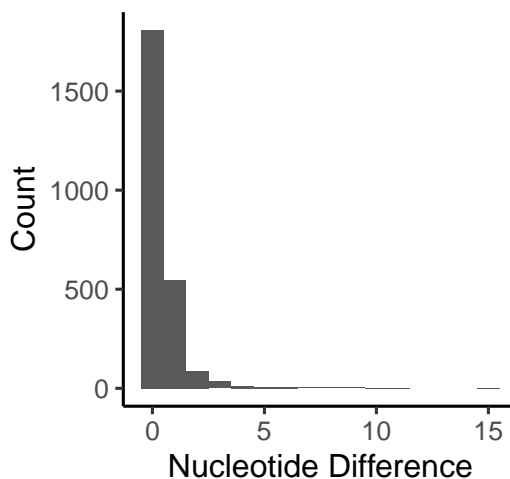
IGKV1/OR2–108*01

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



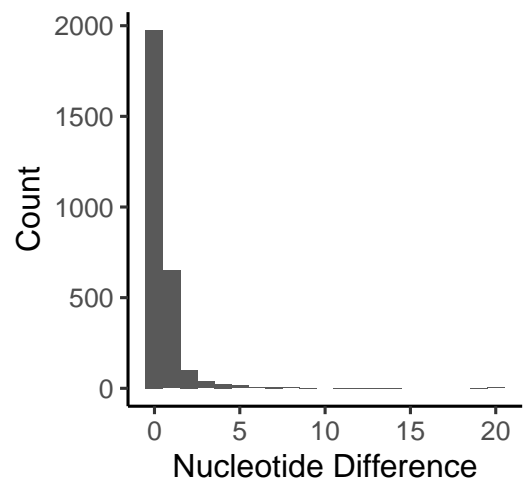
IGKV3–11*01

2526 sequences assigned
1808 (71.6%) exact matches, in which:
1292 unique CDR3
6 unique J



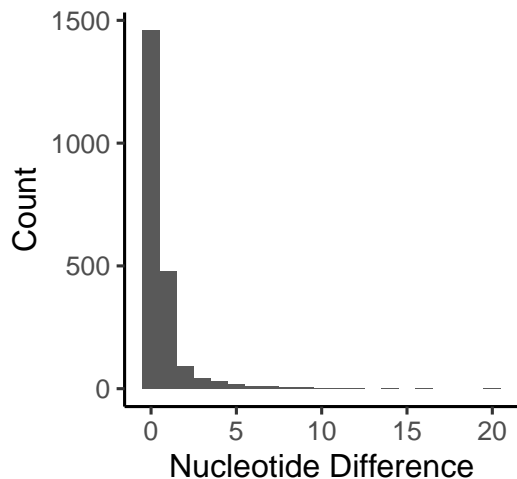
IGKV3–20*01

2841 sequences assigned
1976 (69.6%) exact matches, in which:
1427 unique CDR3
6 unique J



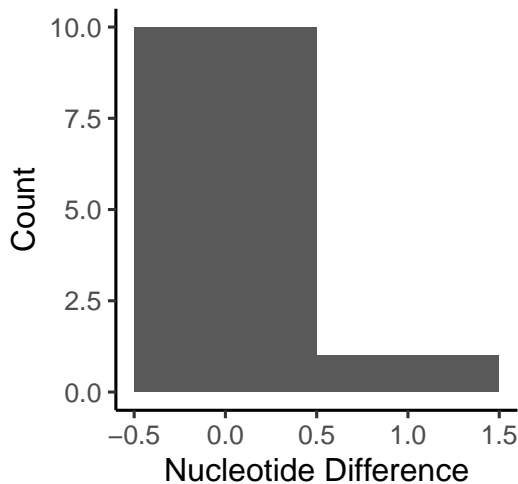
IGKV4-1*01

2160 sequences assigned
1459 (67.5%) exact matches, in which:
942 unique CDR3
6 unique J



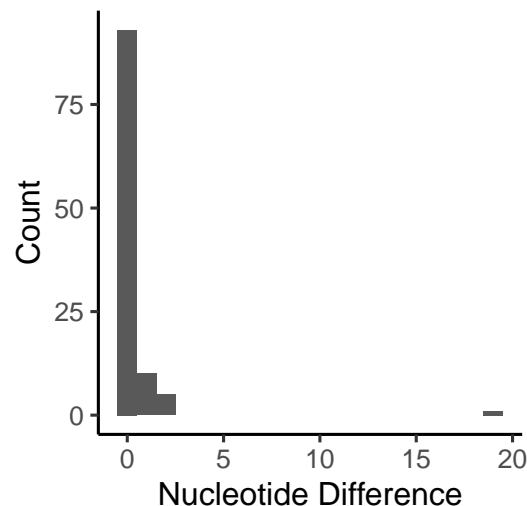
IGKV3D-7*01

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



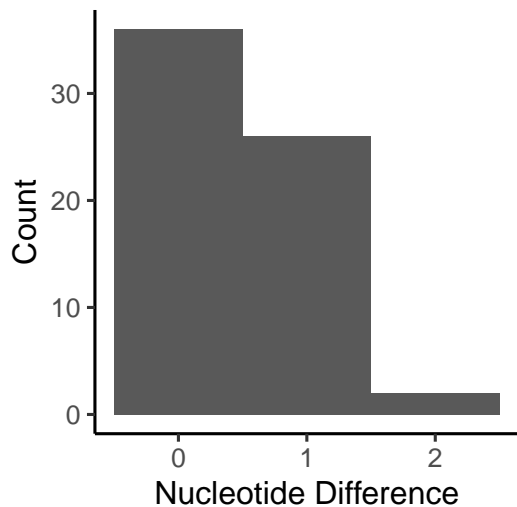
IGKV3D-15*01

109 sequences assigned
93 (85.3%) exact matches, in which:
84 unique CDR3
6 unique J



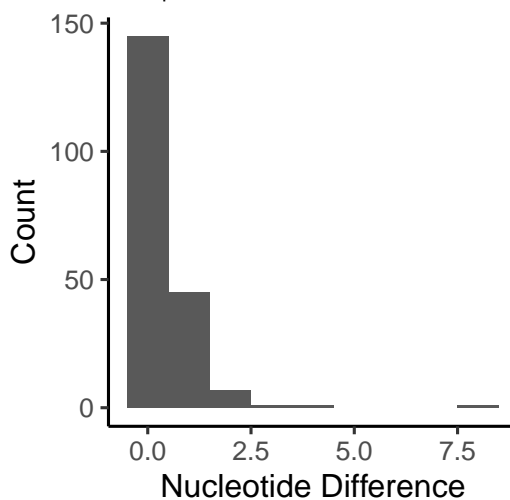
IGKV5-2*01

64 sequences assigned
36 (56.2%) exact matches, in which:
32 unique CDR3
4 unique J



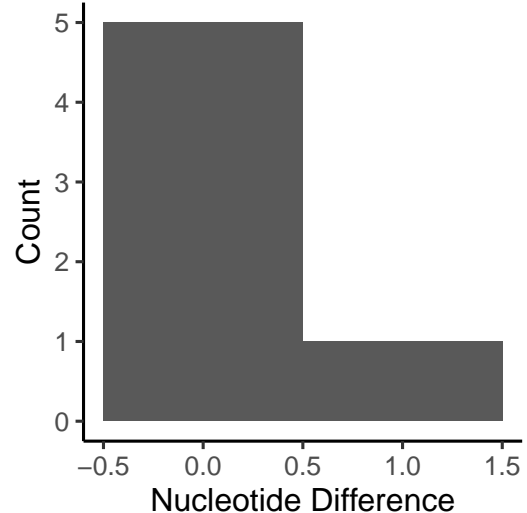
IGKV1D-8*01

200 sequences assigned
145 (72.5%) exact matches, in which:
97 unique CDR3
6 unique J



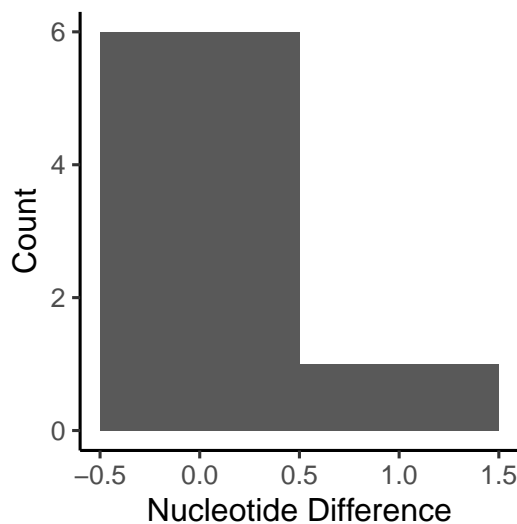
IGKV3D-15*01_A223C

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



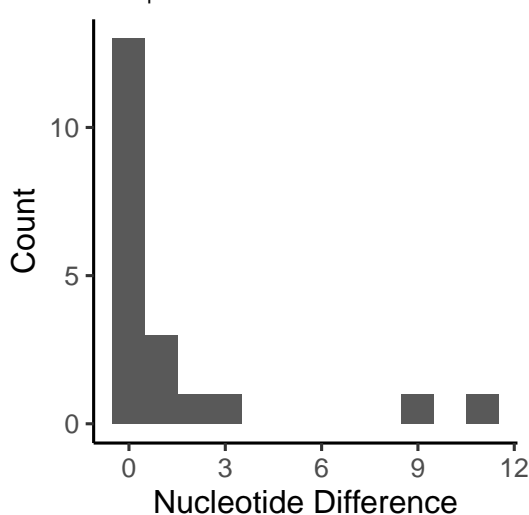
IGKV7-3*01

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



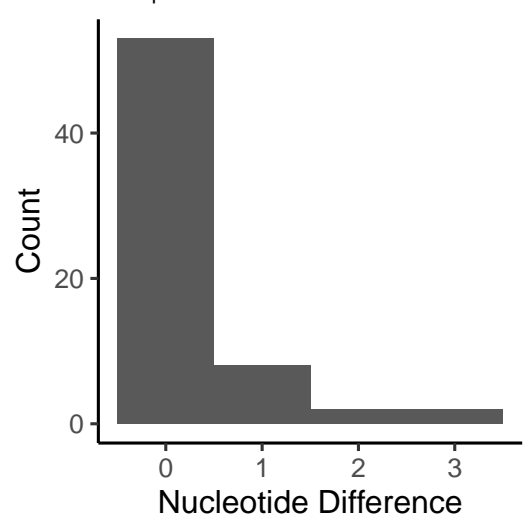
IGKV3D-11*01

20 sequences assigned
13 (65%) exact matches, in which:
13 unique CDR3
4 unique J



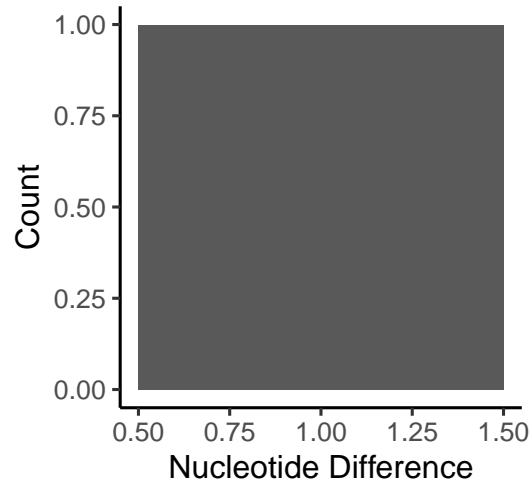
IGKV1D-16*01

65 sequences assigned
53 (81.5%) exact matches, in which:
41 unique CDR3
5 unique J



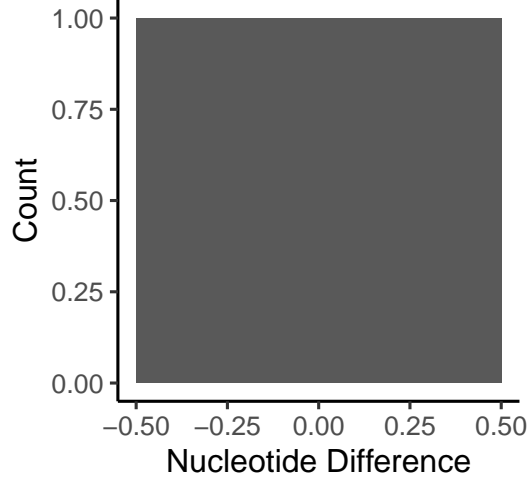
IGKV1D-17*01

1 sequences assigned
No exact matches.



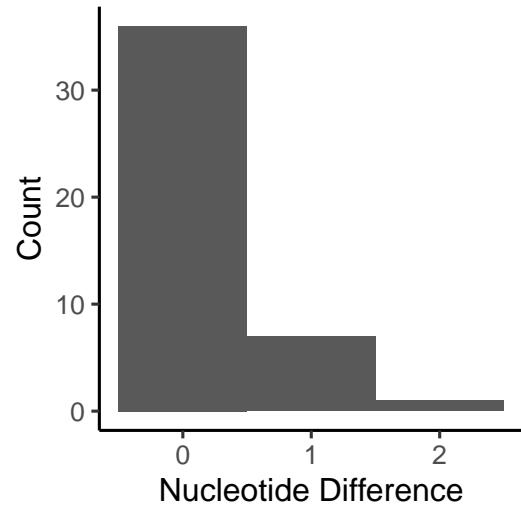
IGKV2D-24*01

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



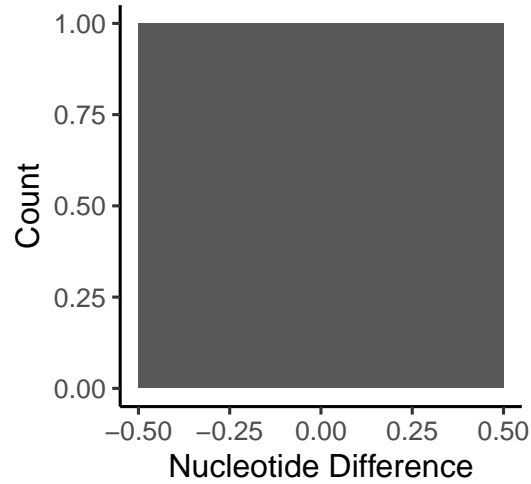
IGKV2D-30*01

44 sequences assigned
36 (81.8%) exact matches, in which:
35 unique CDR3
5 unique J



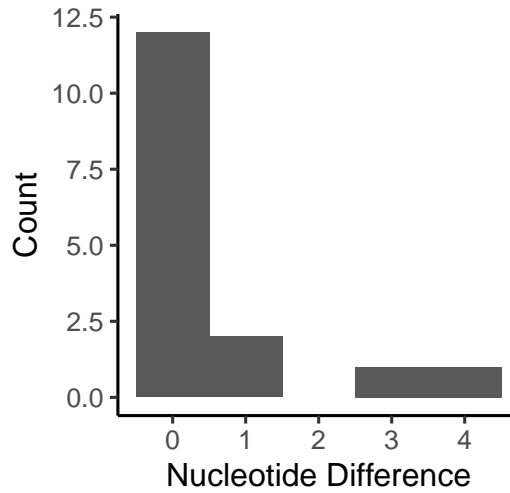
IGKV2D-18*01

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



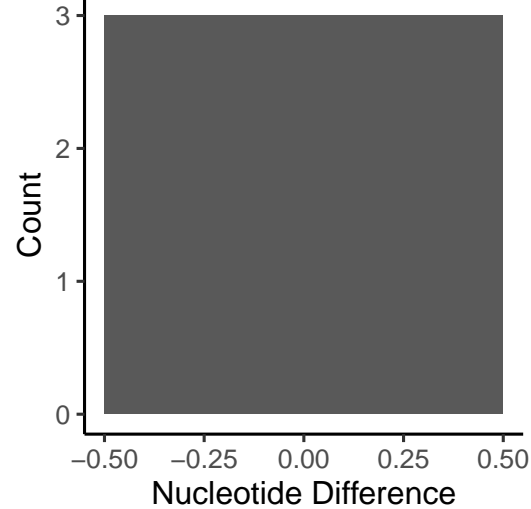
IGKV2D-26*03

16 sequences assigned
12 (75%) exact matches, in which:
11 unique CDR3
6 unique J



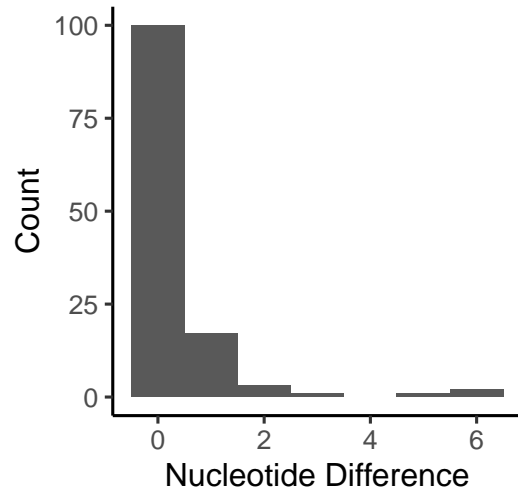
IGKV6D-41*01

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



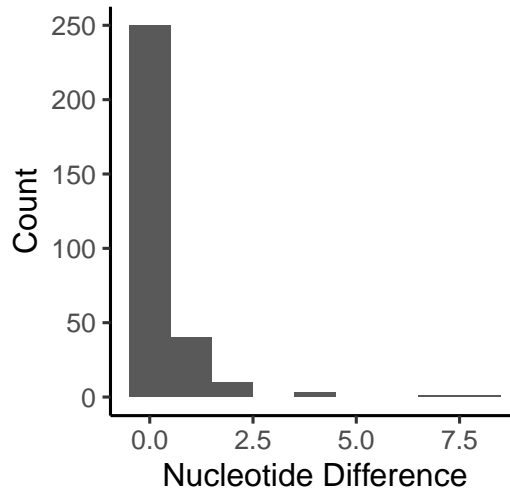
IGKV3D-20*01

124 sequences assigned
100 (80.6%) exact matches, in which:
83 unique CDR3
6 unique J



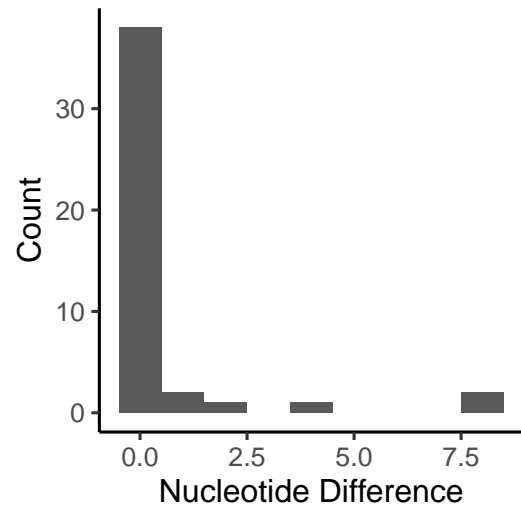
IGKV2D-29*01

305 sequences assigned
250 (82%) exact matches, in which:
196 unique CDR3
6 unique J



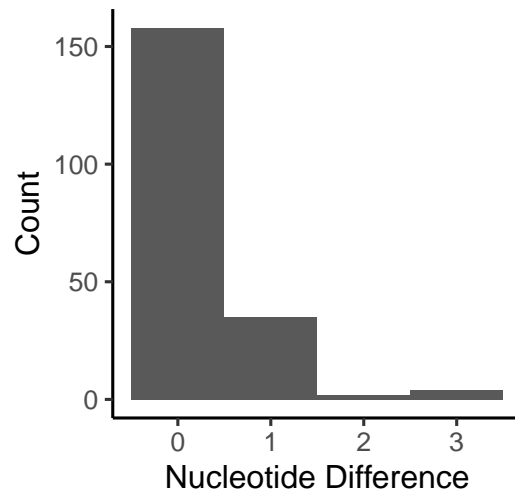
IGKV1D-43*01

44 sequences assigned
38 (86.4%) exact matches, in which:
38 unique CDR3
6 unique J



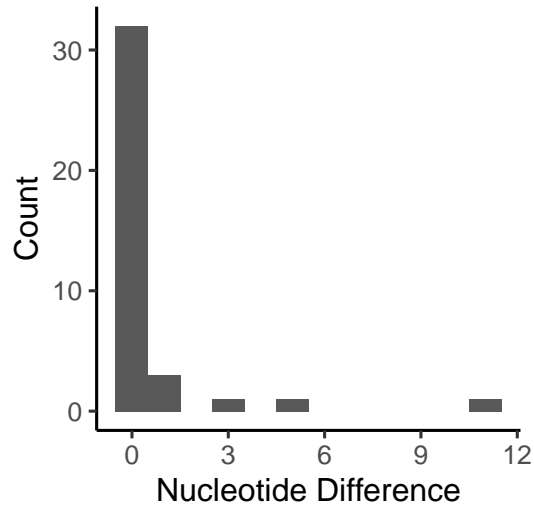
IGKV1E-12*01

199 sequences assigned
158 (79.4%) exact matches, in which:
110 unique CDR3
6 unique J



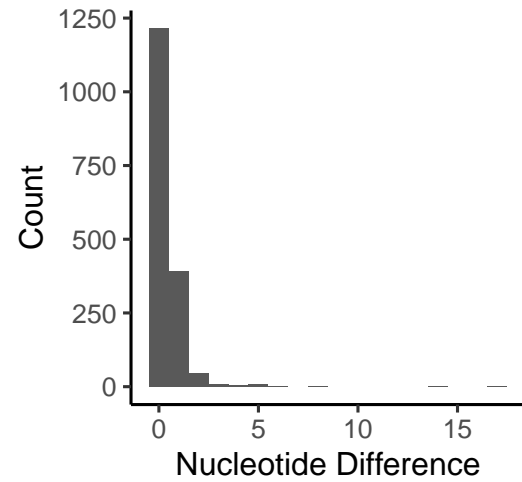
IGKV1E-13*03

38 sequences assigned
32 (84.2%) exact matches, in which:
29 unique CDR3
5 unique J



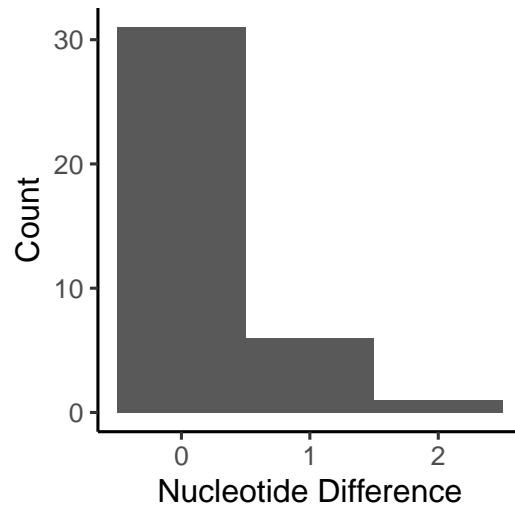
IGKV2E-28*01

1683 sequences assigned
1215 (72.2%) exact matches, in which:
848 unique CDR3
6 unique J



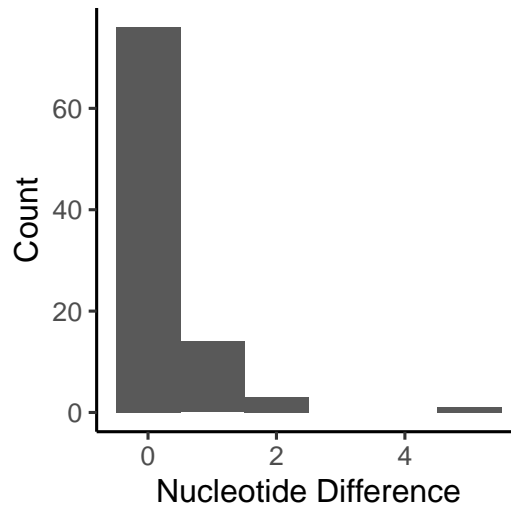
IGKV1E-12*02

38 sequences assigned
31 (81.6%) exact matches, in which:
19 unique CDR3
5 unique J



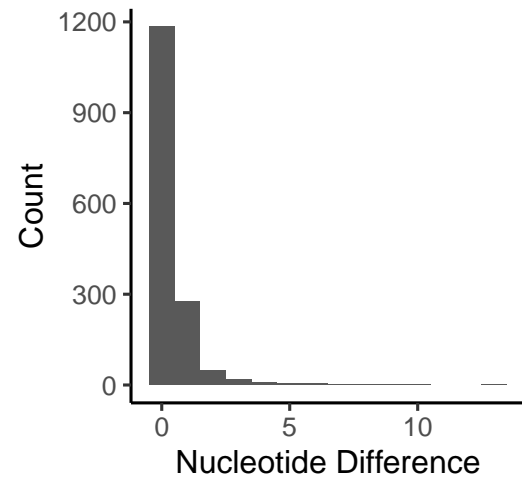
IGKV6E-21*01

94 sequences assigned
76 (80.9%) exact matches, in which:
66 unique CDR3
6 unique J



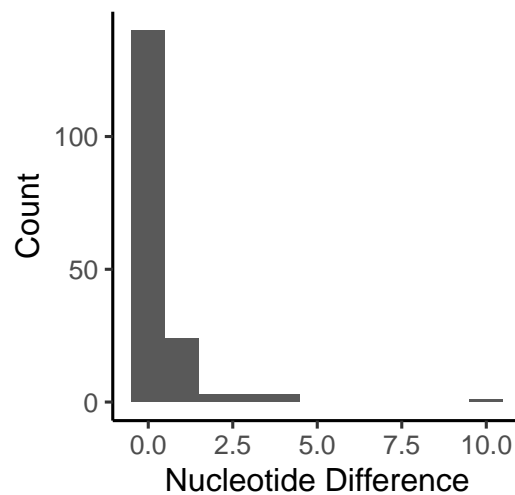
IGKV1E-33*01

1550 sequences assigned
1184 (76.4%) exact matches, in which:
835 unique CDR3
6 unique J



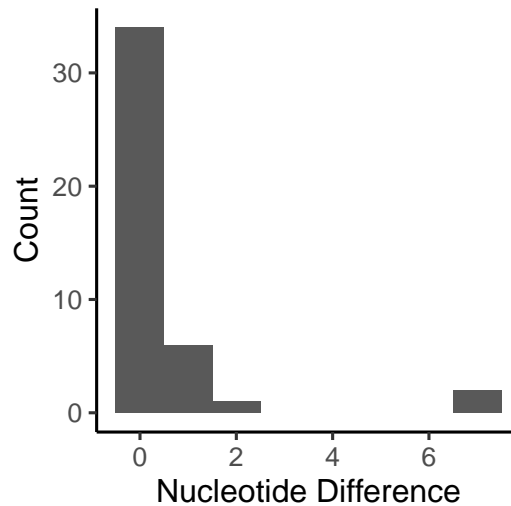
IGKV1E-12*03

174 sequences assigned
140 (80.5%) exact matches, in which:
106 unique CDR3
6 unique J



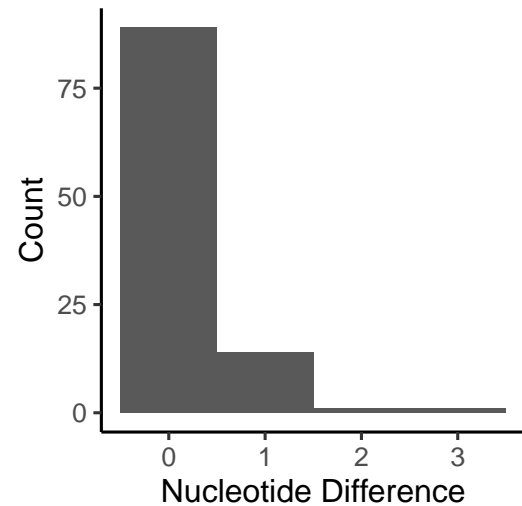
IGKV6E-21*03

43 sequences assigned
34 (79.1%) exact matches, in which:
30 unique CDR3
6 unique J



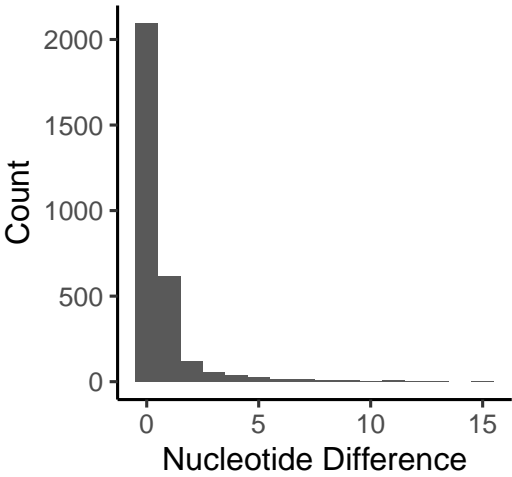
IGKV1E-37*01

105 sequences assigned
89 (84.8%) exact matches, in which:
78 unique CDR3
6 unique J



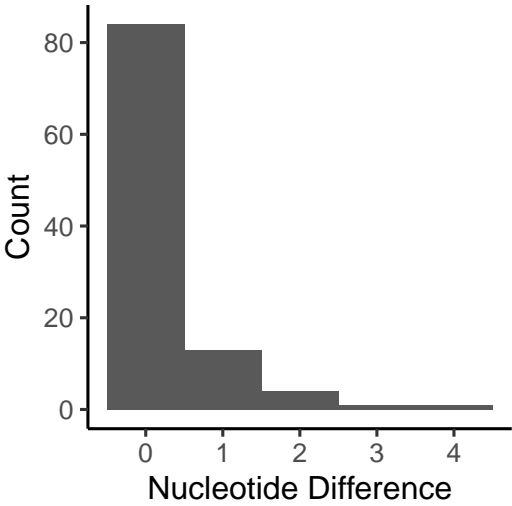
IGKV1E-39*01

3008 sequences assigned
2094 (69.6%) exact matches, in which:
1409 unique CDR3
6 unique J

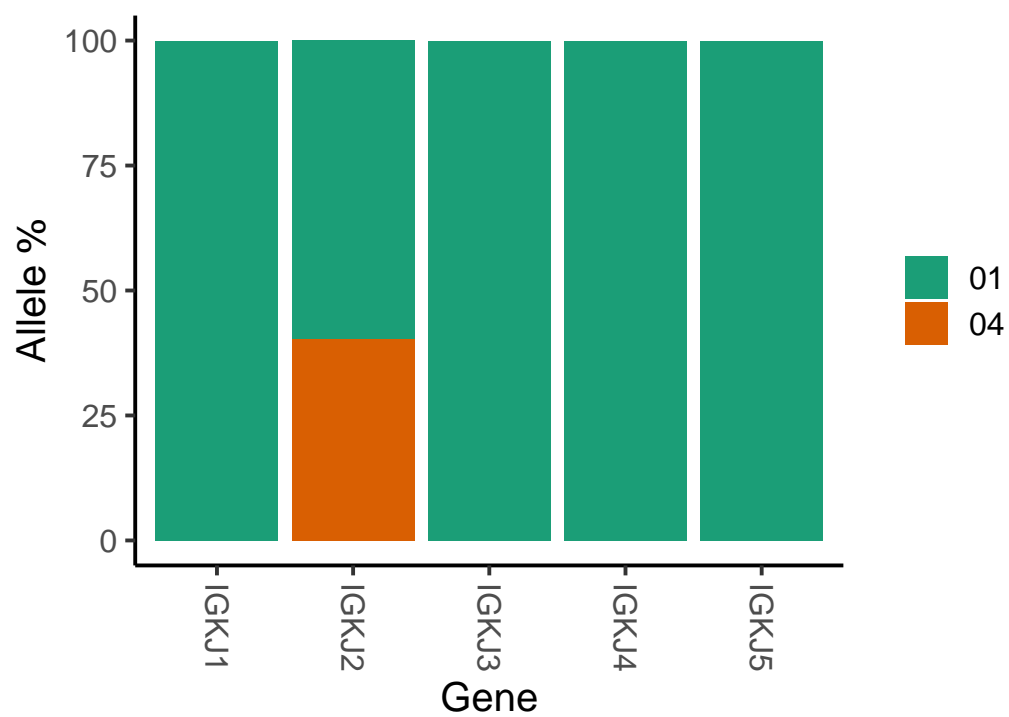


IGKV2E-40*01

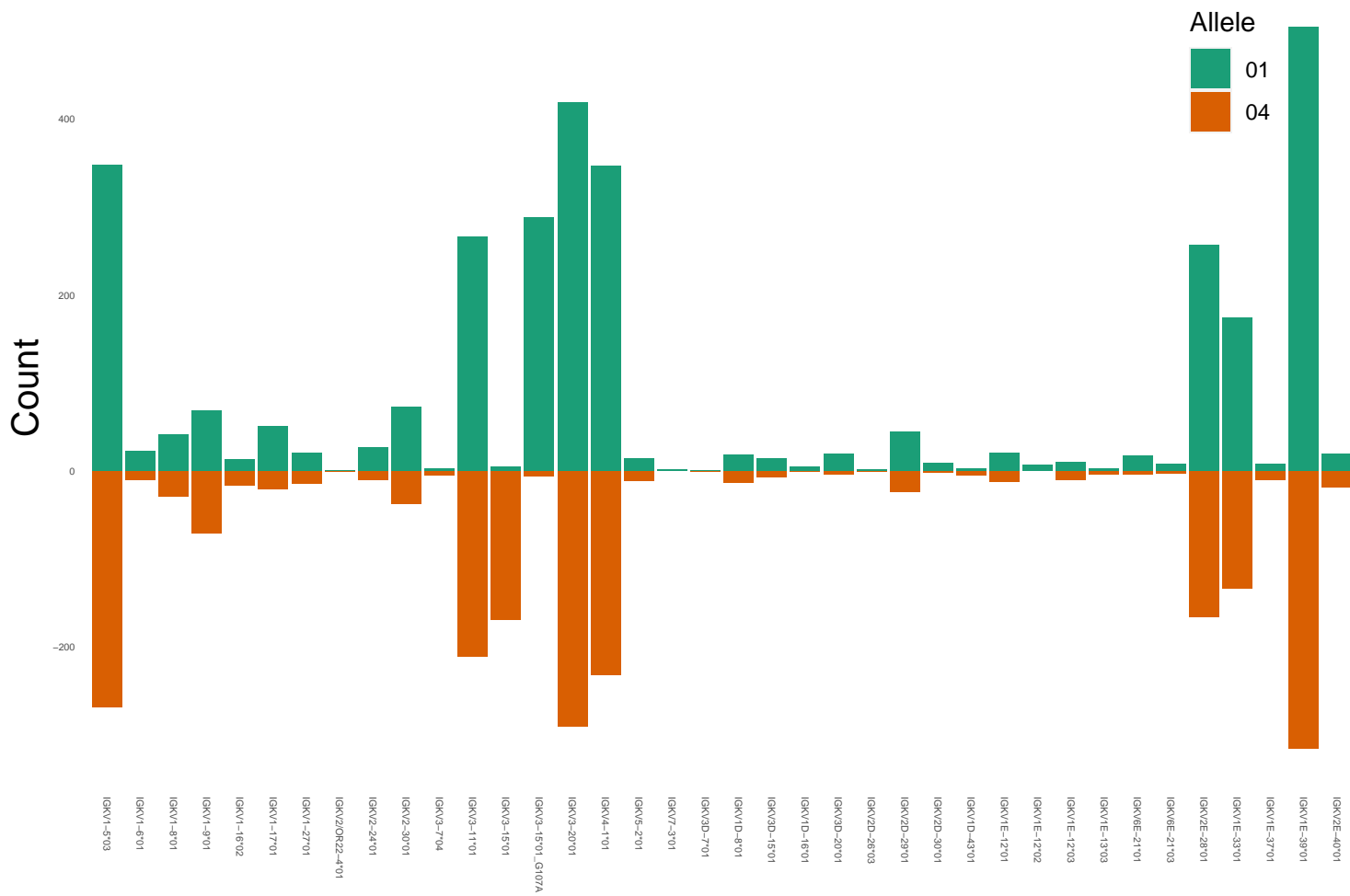
103 sequences assigned
84 (81.6%) exact matches, in which:
70 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.