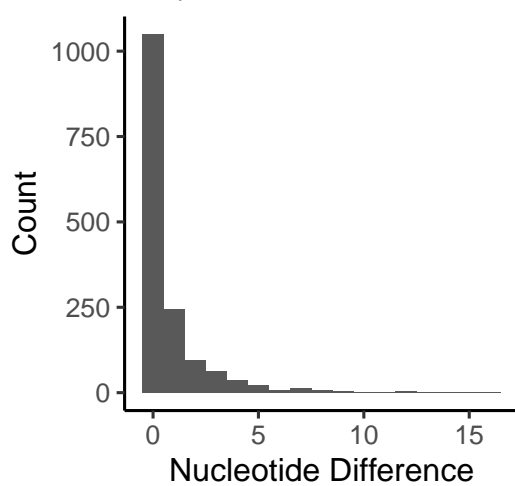


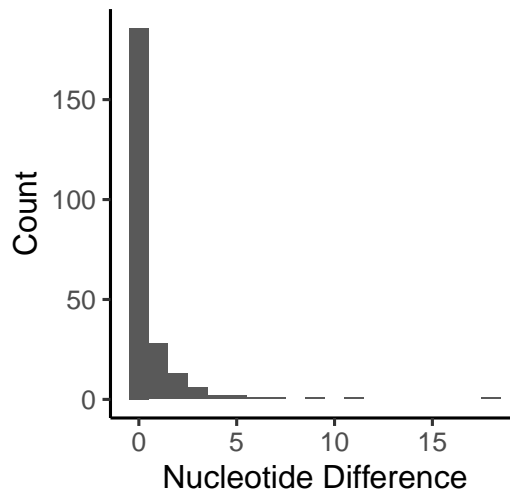
IGKV1-5*03

1547 sequences assigned
1049 (67.8%) exact matches, in which:
763 unique CDR3
6 unique J



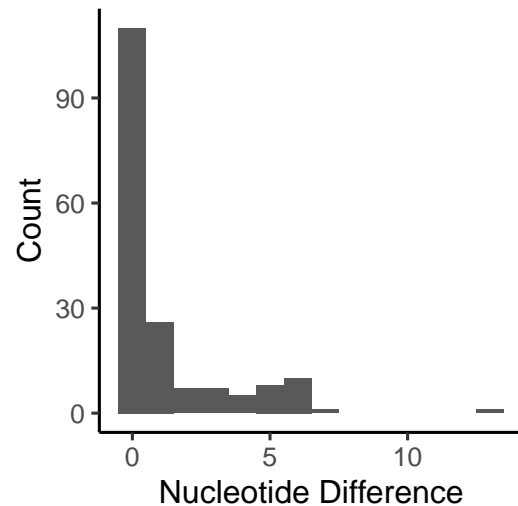
IGKV1-9*01

242 sequences assigned
186 (76.9%) exact matches, in which:
169 unique CDR3
5 unique J



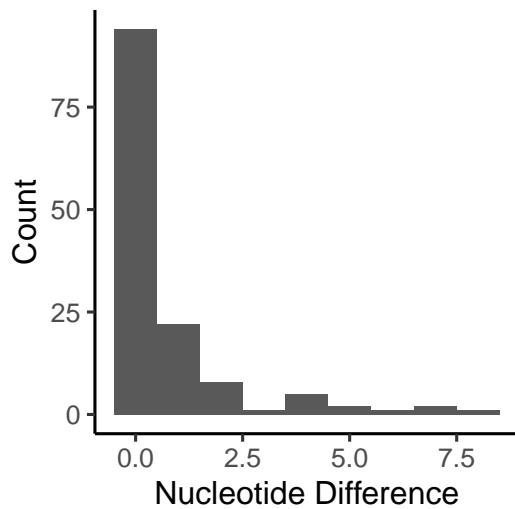
IGKV1-17*01

175 sequences assigned
110 (62.9%) exact matches, in which:
90 unique CDR3
6 unique J



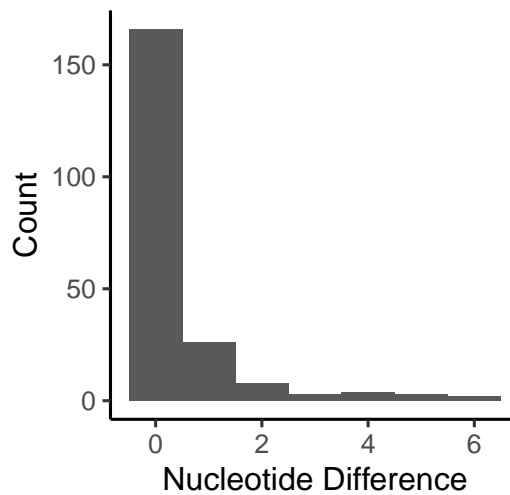
IGKV1-6*01

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



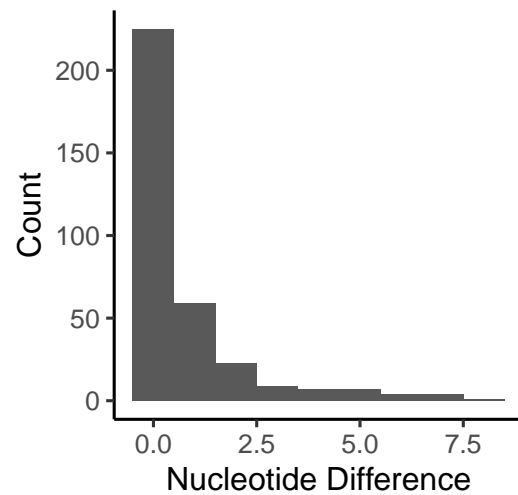
IGKV1-9*01_C70T

212 sequences assigned
166 (78.3%) exact matches, in which:
139 unique CDR3
5 unique J



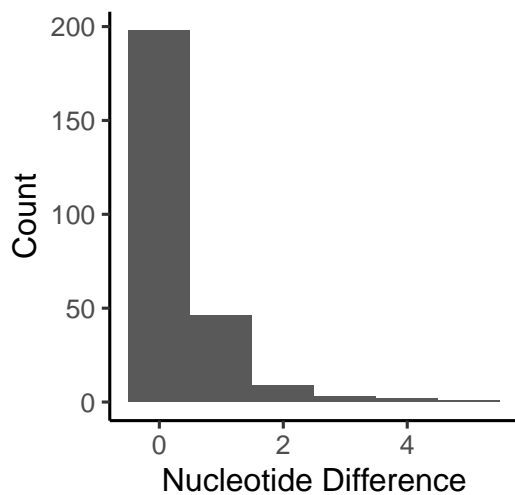
IGKV1-27*01

339 sequences assigned
225 (66.4%) exact matches, in which:
186 unique CDR3
6 unique J



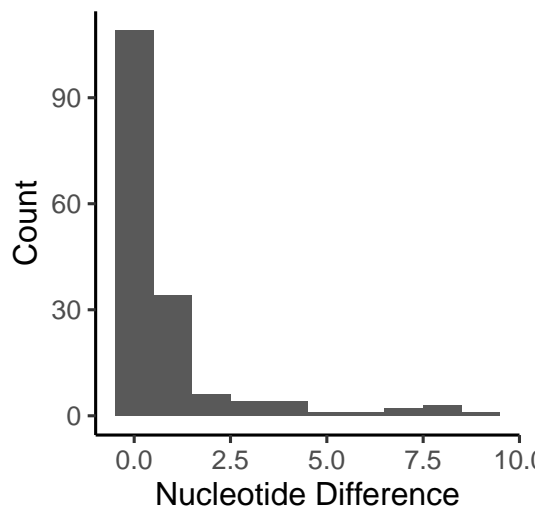
IGKV1-8*01

259 sequences assigned
198 (76.4%) exact matches, in which:
152 unique CDR3
6 unique J



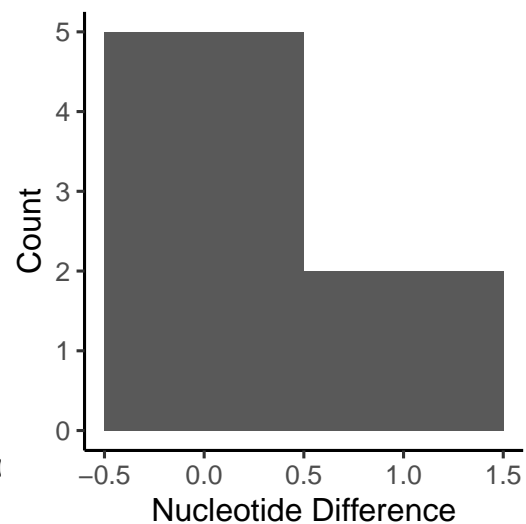
IGKV1-16*02

165 sequences assigned
109 (66.1%) exact matches, in which:
83 unique CDR3
6 unique J



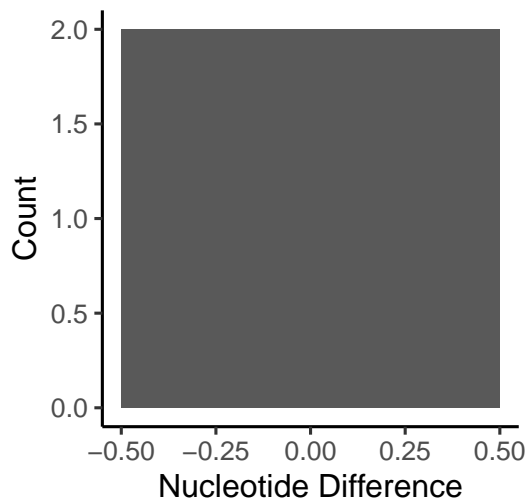
IGKV2/OR22-4*01

7 sequences assigned
5 (71.4%) exact matches, in which:
5 unique CDR3
5 unique J



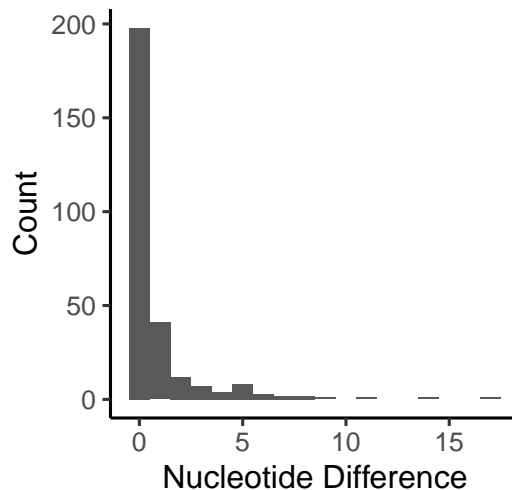
IGKV2-4*01

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



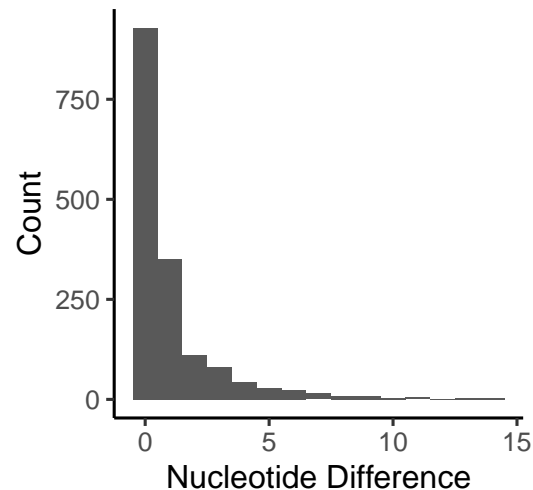
IGKV2-30*01

281 sequences assigned
198 (70.5%) exact matches, in which:
179 unique CDR3
6 unique J



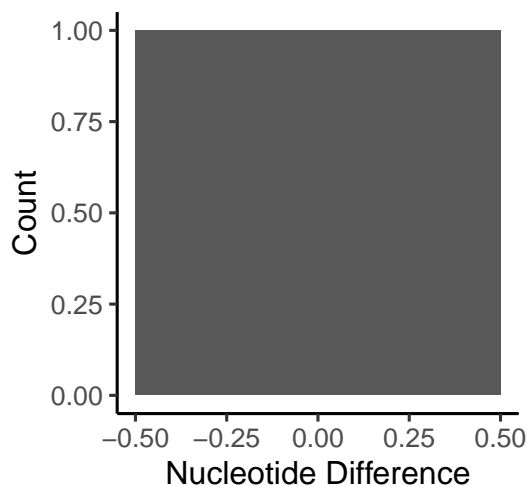
IGKV3-15*01

1615 sequences assigned
929 (57.5%) exact matches, in which:
735 unique CDR3
6 unique J



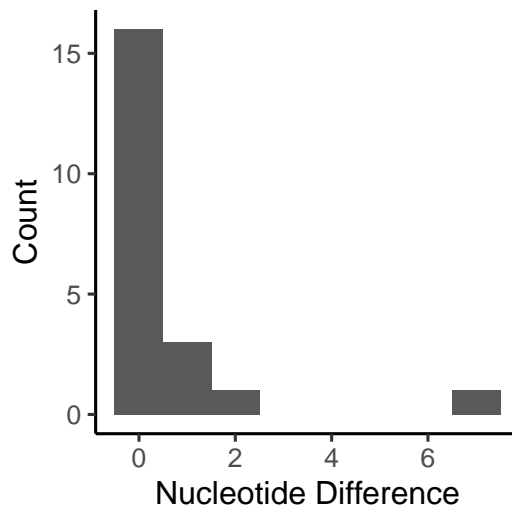
IGKV2-18*01

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



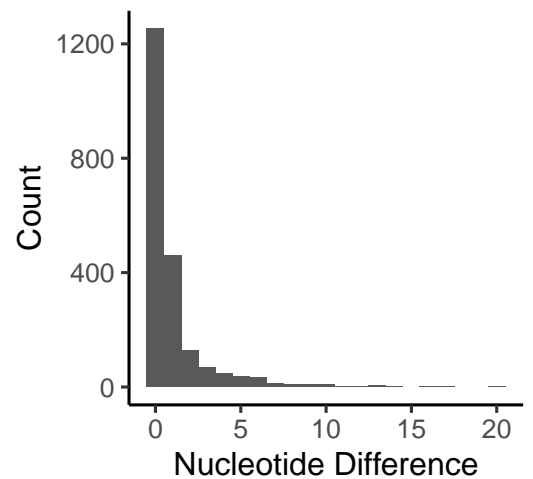
IGKV3-7*04

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



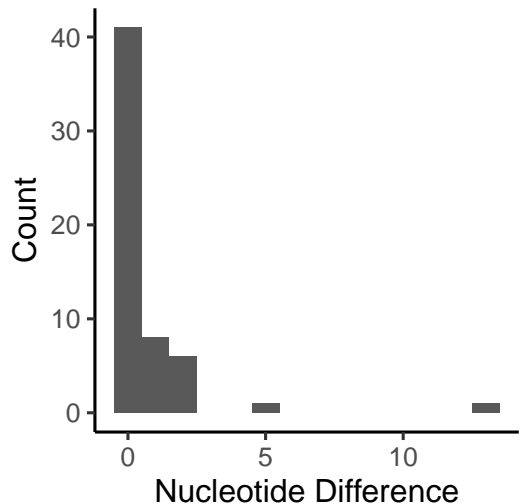
IGKV3-20*01

2082 sequences assigned
1253 (60.2%) exact matches, in which:
1009 unique CDR3
6 unique J



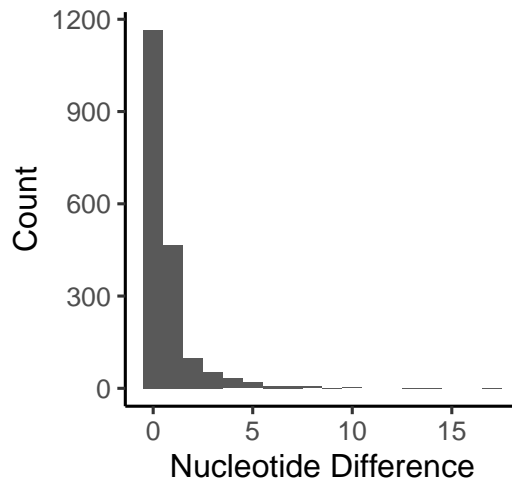
IGKV2-24*01

57 sequences assigned
41 (71.9%) exact matches, in which:
37 unique CDR3
6 unique J



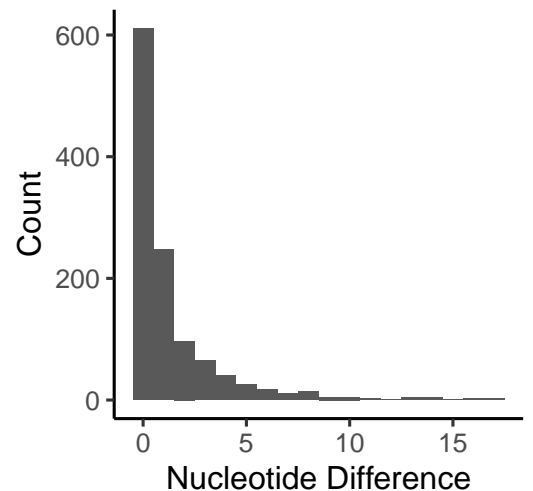
IGKV3-11*01

1867 sequences assigned
1165 (62.4%) exact matches, in which:
903 unique CDR3
6 unique J



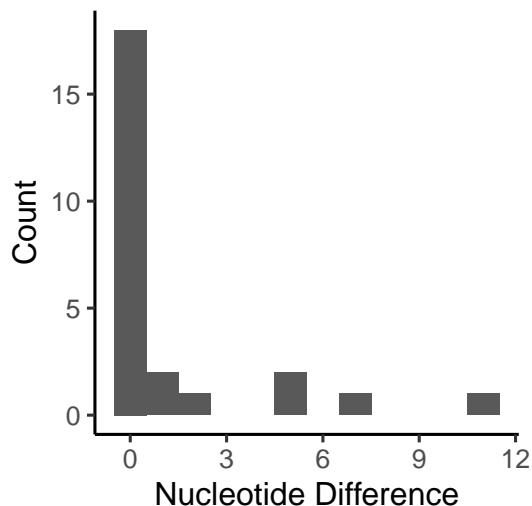
IGKV4-1*01

1156 sequences assigned
611 (52.9%) exact matches, in which:
450 unique CDR3
6 unique J



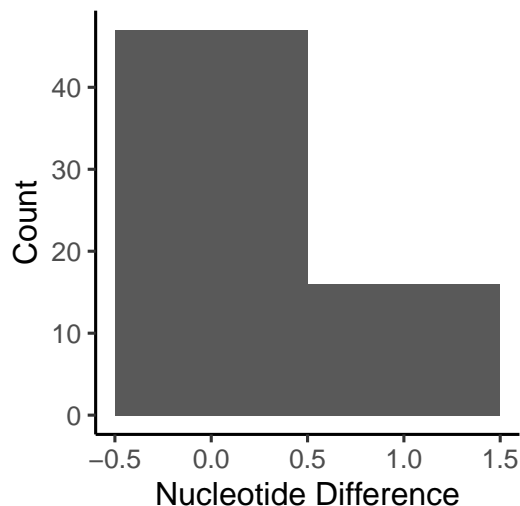
IGKV5-2*01_C214T

25 sequences assigned
18 (72%) exact matches, in which:
18 unique CDR3
5 unique J



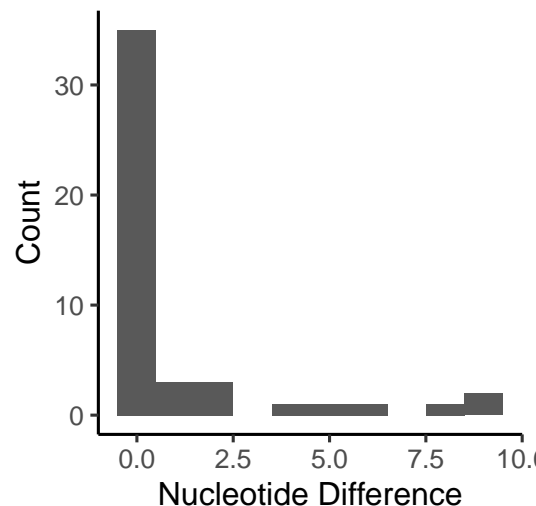
IGKV1D-8*02

63 sequences assigned
47 (74.6%) exact matches, in which:
37 unique CDR3
5 unique J



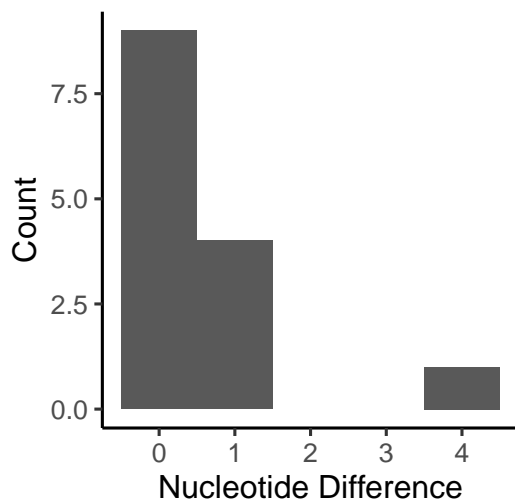
IGKV3D-15*01

47 sequences assigned
35 (74.5%) exact matches, in which:
32 unique CDR3
5 unique J



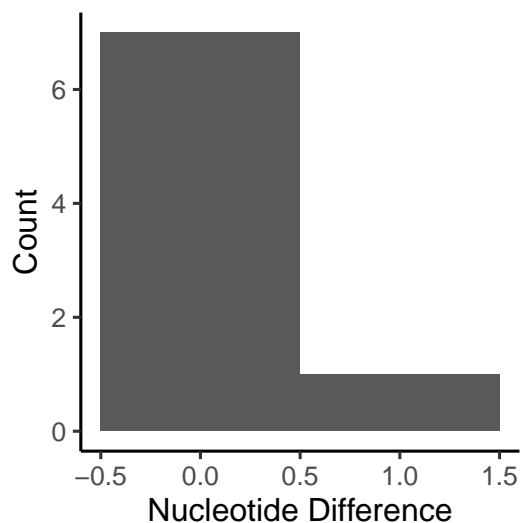
IGKV3D-7*01

14 sequences assigned
9 (64.3%) exact matches, in which:
9 unique CDR3
4 unique J



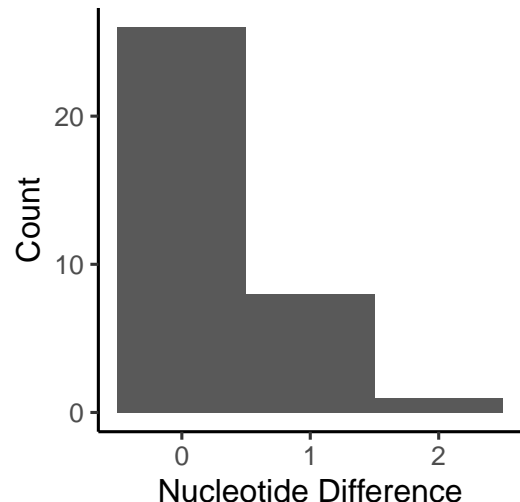
IGKV3D-11*01

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



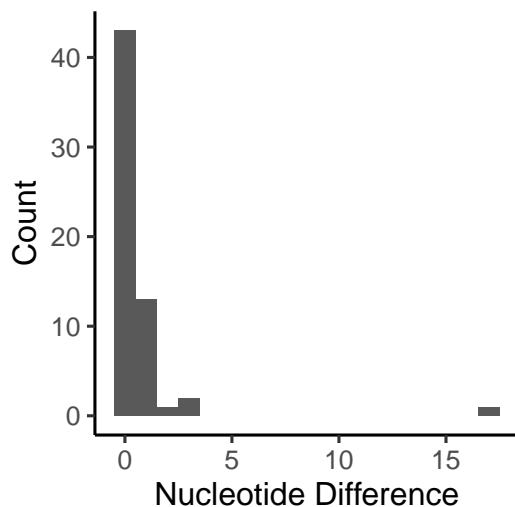
IGKV3D-15*03

35 sequences assigned
26 (74.3%) exact matches, in which:
26 unique CDR3
5 unique J



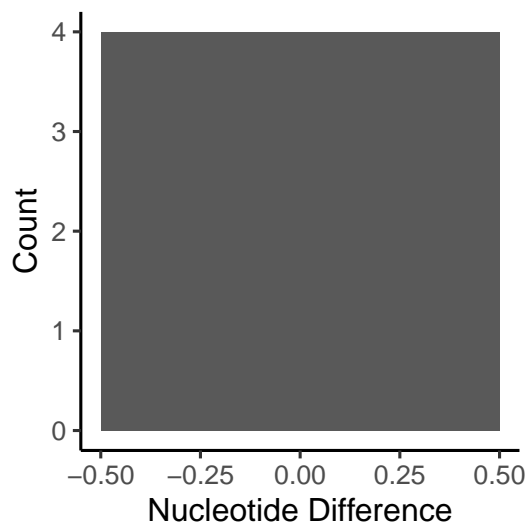
IGKV1D-8*01

60 sequences assigned
43 (71.7%) exact matches, in which:
35 unique CDR3
5 unique J



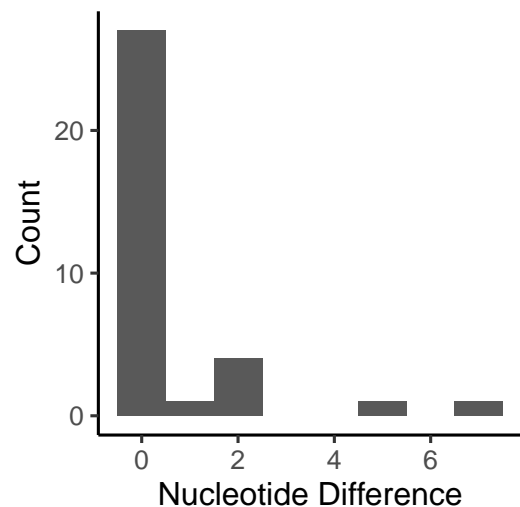
IGKV3D-11*02

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



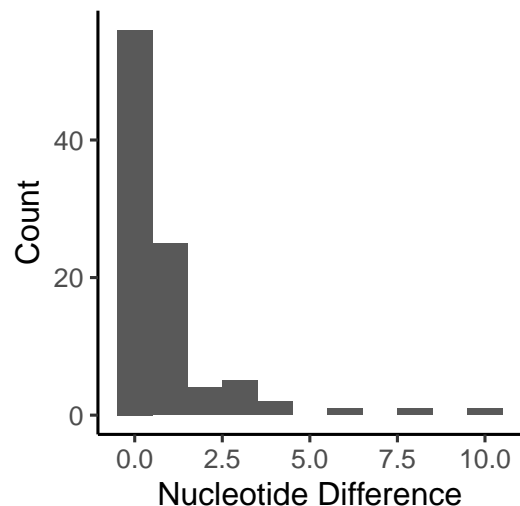
IGKV1D-16*01

34 sequences assigned
27 (79.4%) exact matches, in which:
22 unique CDR3
5 unique J



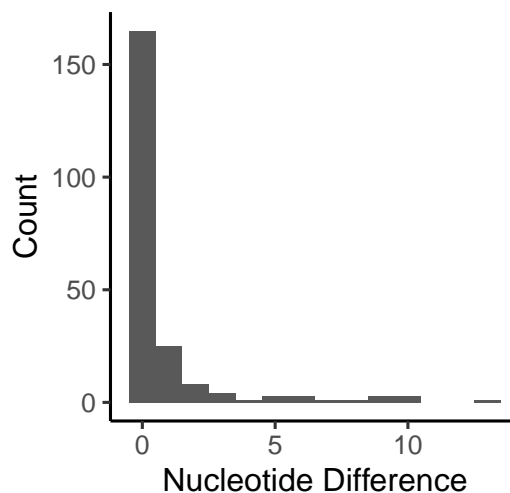
IGKV3D-20*01

95 sequences assigned
56 (58.9%) exact matches, in which:
51 unique CDR3
6 unique J



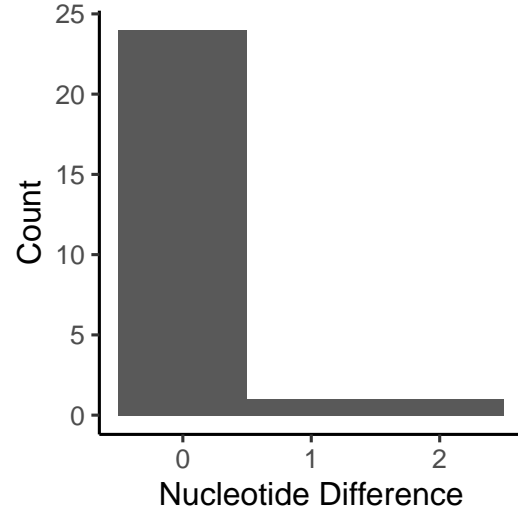
IGKV2D-29*01

218 sequences assigned
165 (75.7%) exact matches, in which:
154 unique CDR3
6 unique J



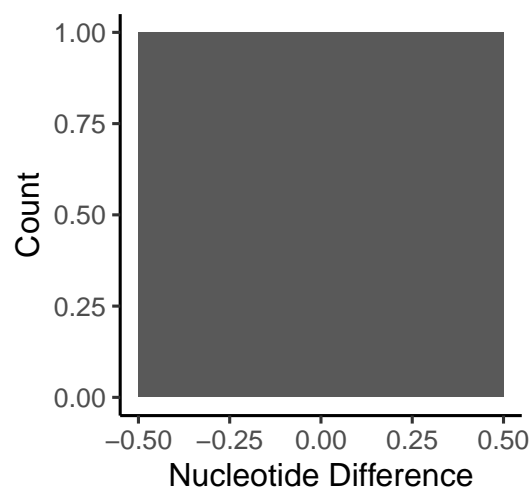
IGKV1D-43*01

26 sequences assigned
24 (92.3%) exact matches, in which:
23 unique CDR3
6 unique J



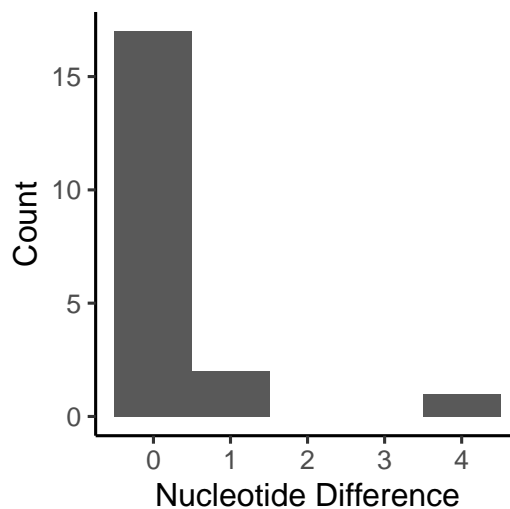
IGKV2D-24*01

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



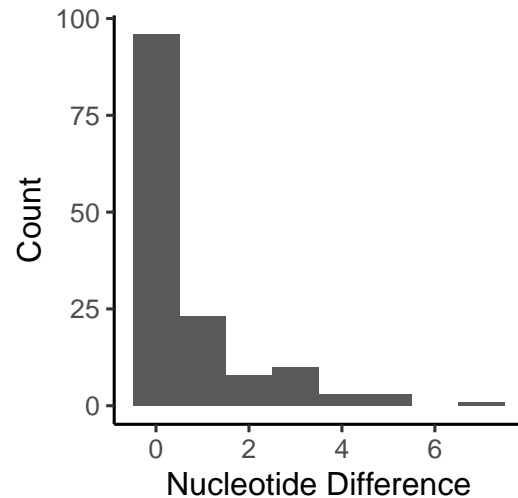
IGKV2D-30*01

20 sequences assigned
17 (85%) exact matches, in which:
17 unique CDR3
6 unique J



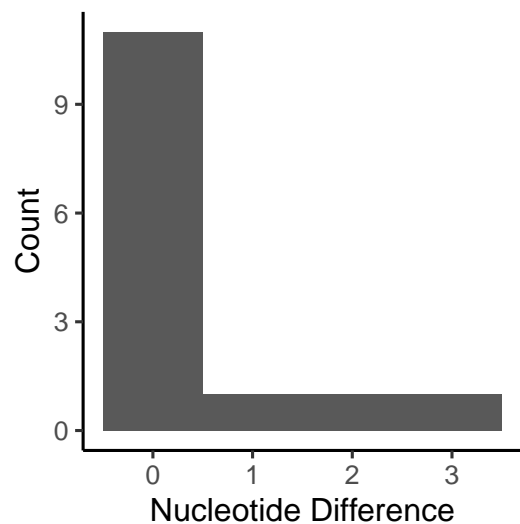
IGKV1E-12*01

144 sequences assigned
96 (66.7%) exact matches, in which:
65 unique CDR3
6 unique J



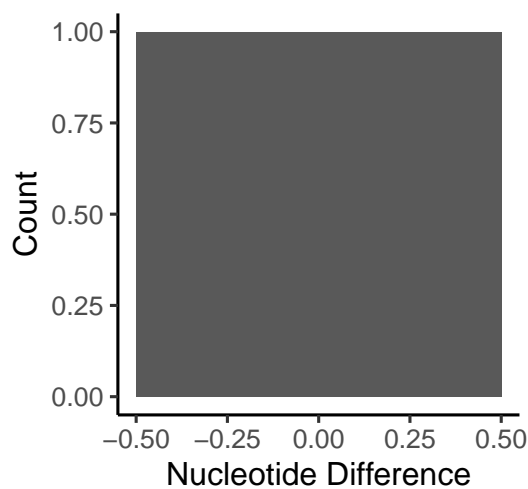
IGKV2D-26*03

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



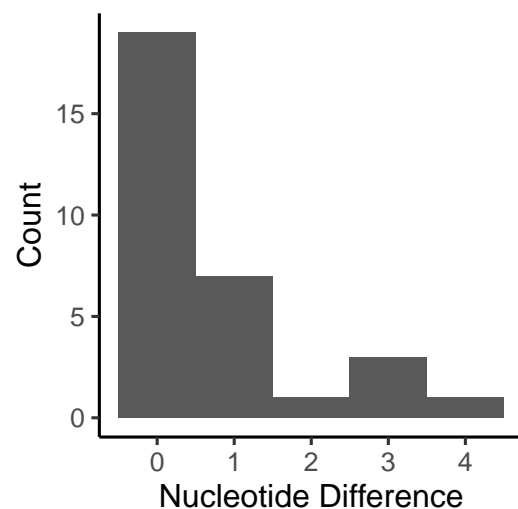
IGKV6D-41*01

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



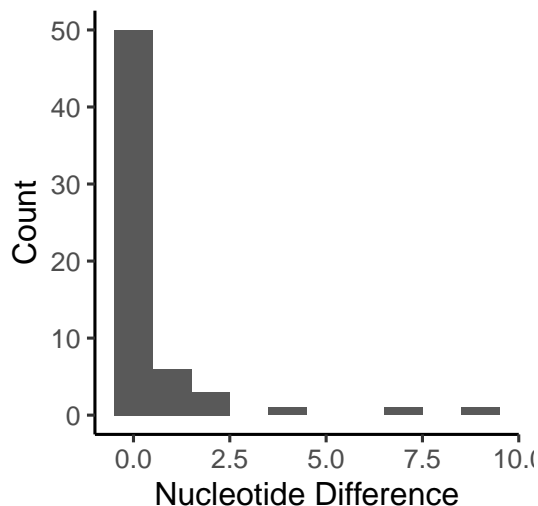
IGKV1E-12*02

31 sequences assigned
19 (61.3%) exact matches, in which:
13 unique CDR3
6 unique J



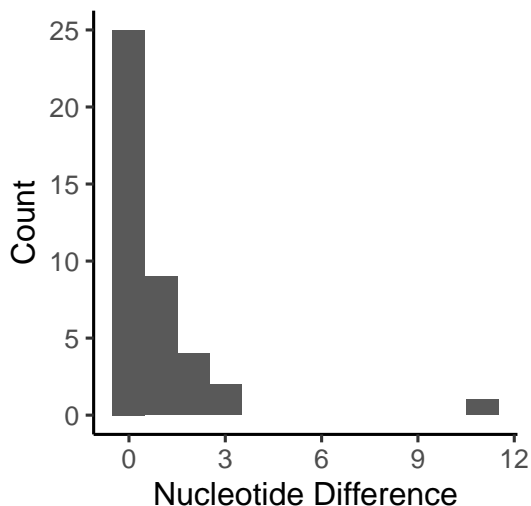
IGKV1E-12*03

62 sequences assigned
50 (80.6%) exact matches, in which:
43 unique CDR3
5 unique J



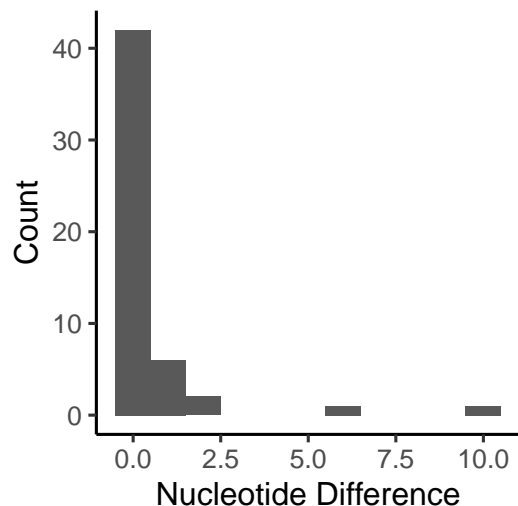
IGKV6E-21*03

41 sequences assigned
25 (61%) exact matches, in which:
22 unique CDR3
5 unique J



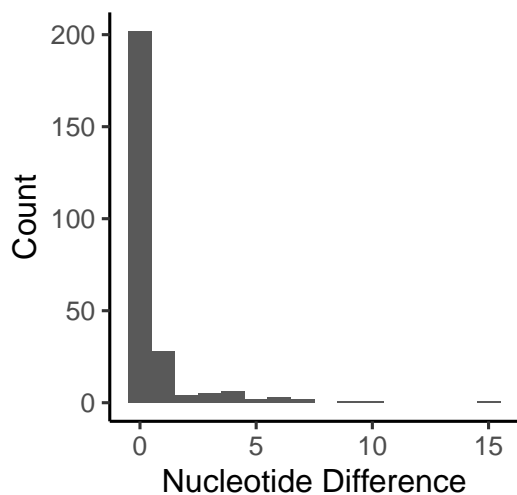
IGKV1E-37*01

52 sequences assigned
42 (80.8%) exact matches, in which:
37 unique CDR3
6 unique J



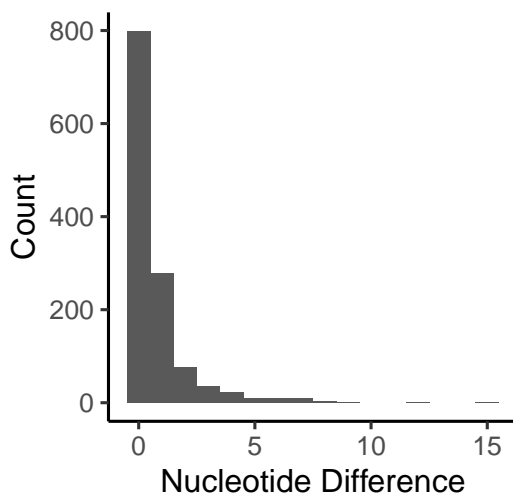
IGKV1E-13*02

255 sequences assigned
202 (79.2%) exact matches, in which:
168 unique CDR3
6 unique J



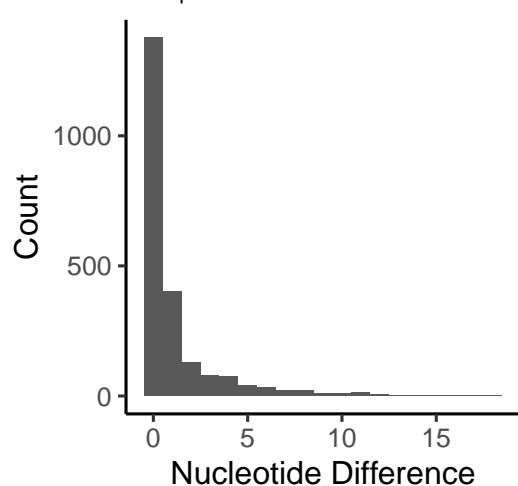
IGKV2E-28*01

1247 sequences assigned
799 (64.1%) exact matches, in which:
617 unique CDR3
6 unique J



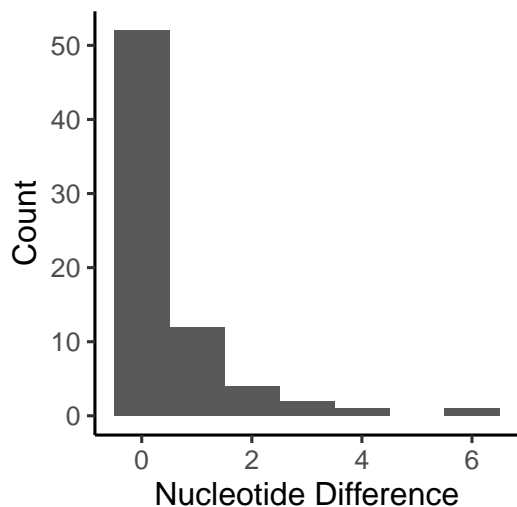
IGKV1E-39*01

2227 sequences assigned
1377 (61.8%) exact matches, in which:
982 unique CDR3
6 unique J



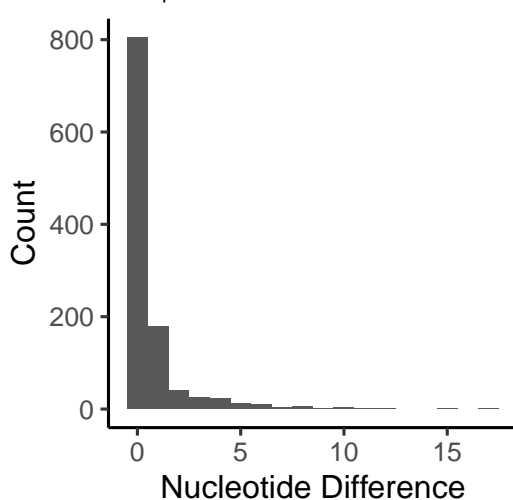
IGKV6E-21*01

72 sequences assigned
52 (72.2%) exact matches, in which:
44 unique CDR3
6 unique J



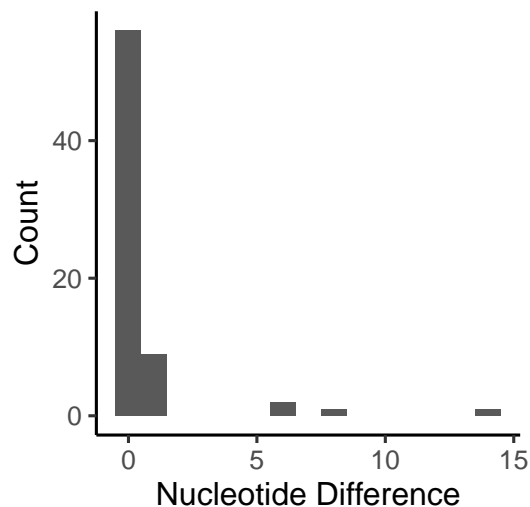
IGKV1E-33*01

1112 sequences assigned
805 (72.4%) exact matches, in which:
611 unique CDR3
6 unique J

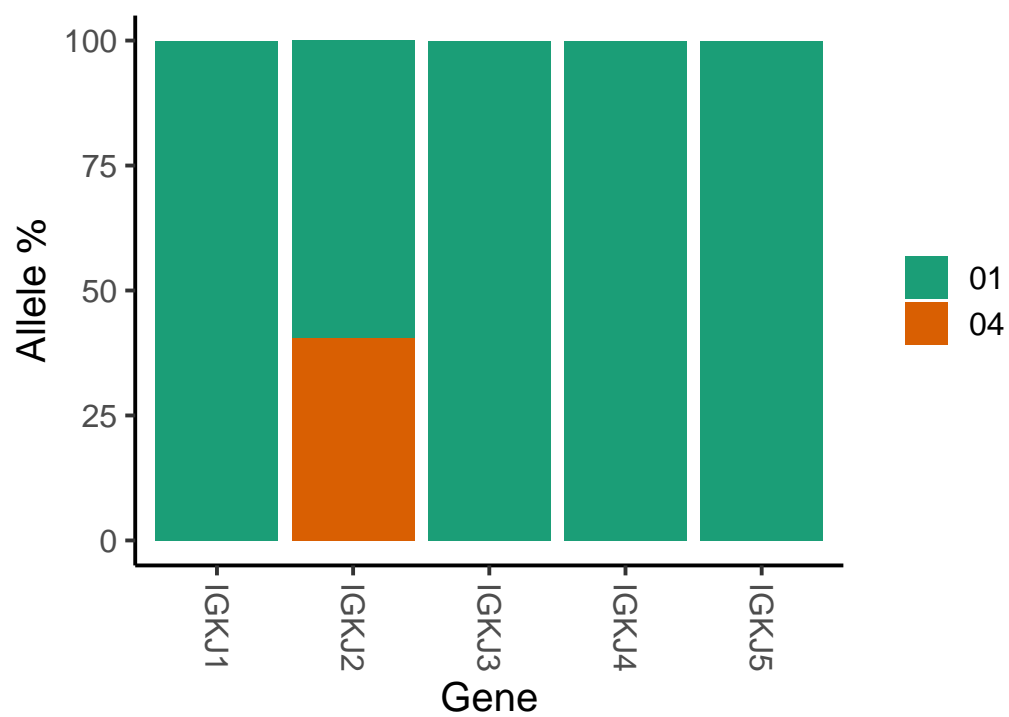


IGKV2E-40*01

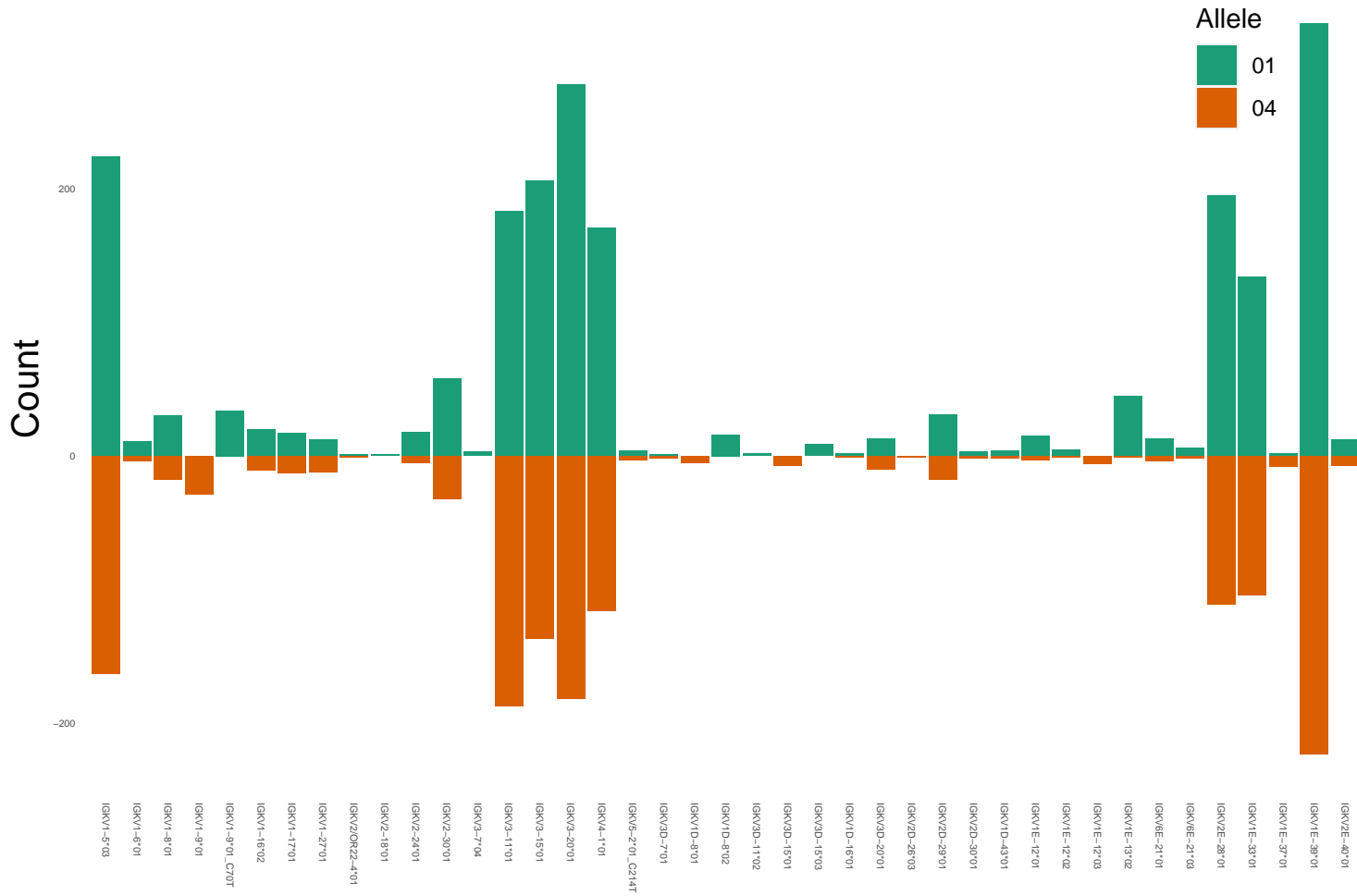
69 sequences assigned
56 (81.2%) exact matches, in which:
46 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.