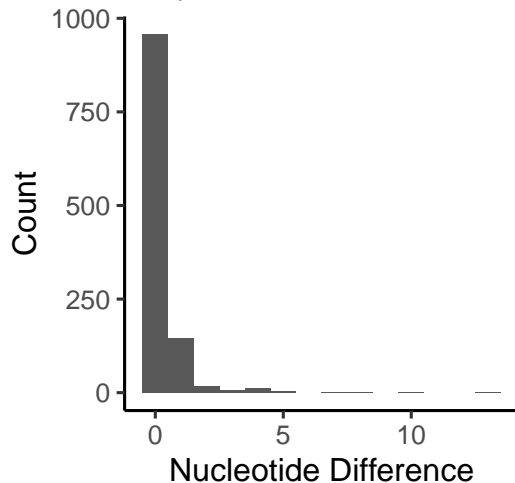


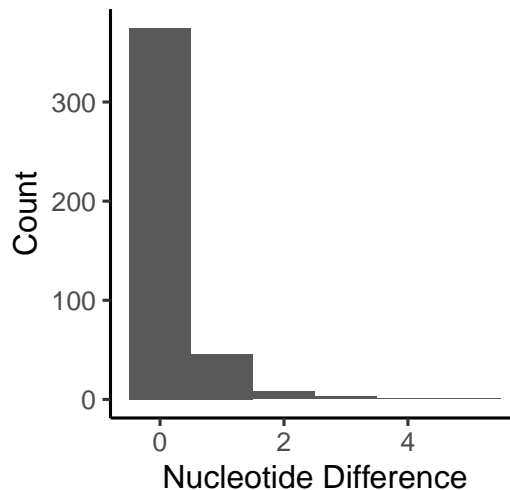
IGKV1-5*03

1143 sequences assigned
957 (83.7%) exact matches, in which:
763 unique CDR3
6 unique J



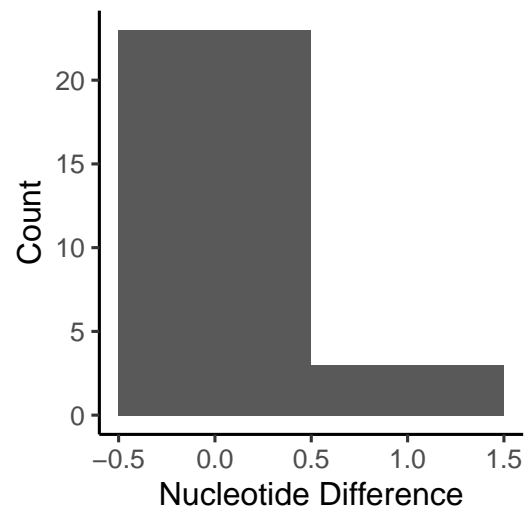
IGKV1-9*01

434 sequences assigned
375 (86.4%) exact matches, in which:
319 unique CDR3
6 unique J



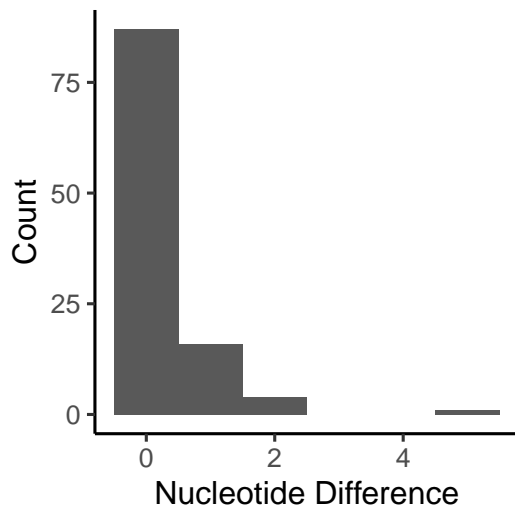
IGKV1-17*03

26 sequences assigned
23 (88.5%) exact matches, in which:
21 unique CDR3
5 unique J



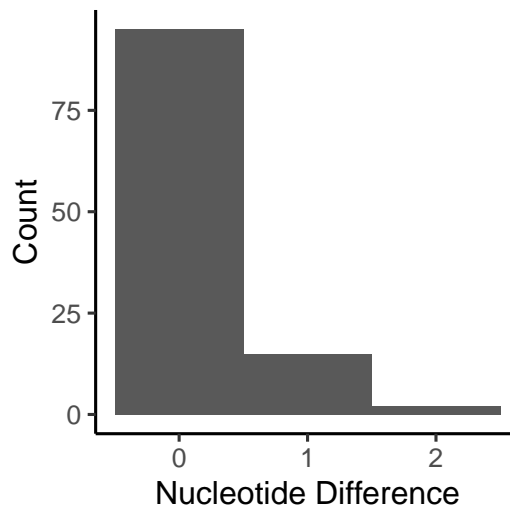
IGKV1-6*01

108 sequences assigned
87 (80.6%) exact matches, in which:
74 unique CDR3
6 unique J



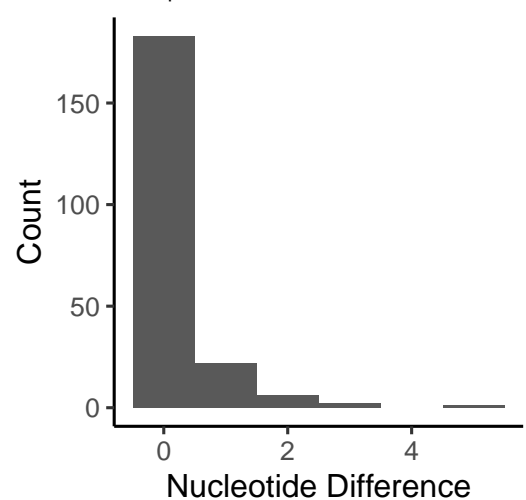
IGKV1-16*02

112 sequences assigned
95 (84.8%) exact matches, in which:
78 unique CDR3
6 unique J



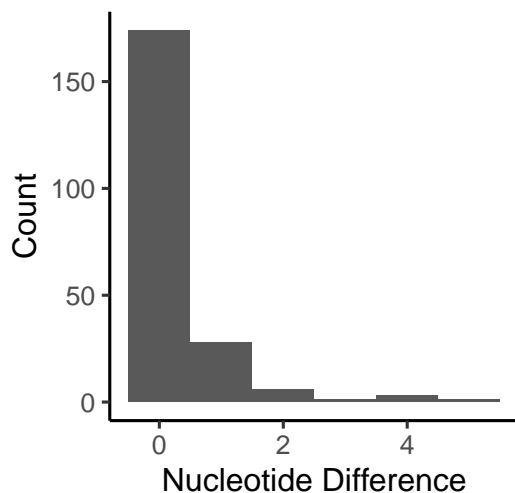
IGKV1-27*01

214 sequences assigned
183 (85.5%) exact matches, in which:
163 unique CDR3
6 unique J



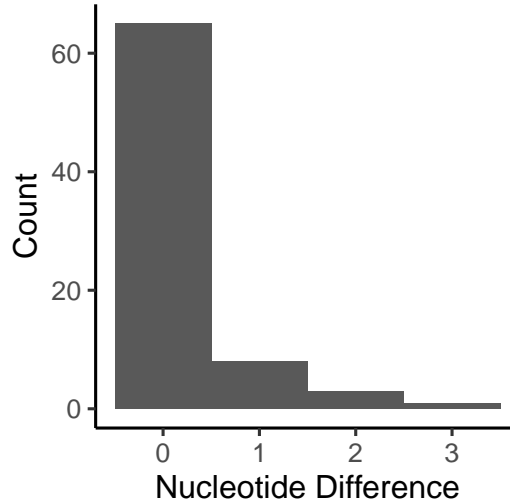
IGKV1-8*01

213 sequences assigned
174 (81.7%) exact matches, in which:
143 unique CDR3
6 unique J



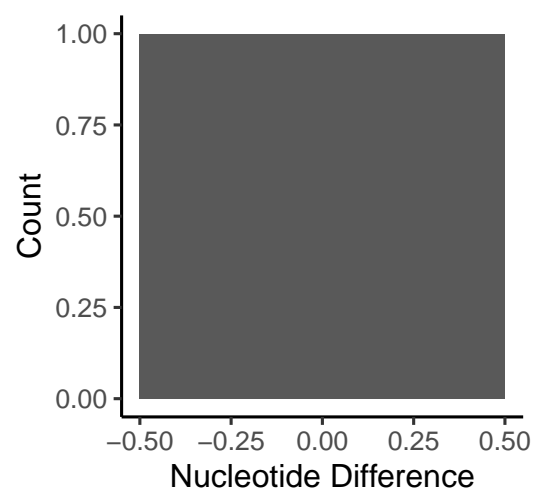
IGKV1-17*01

77 sequences assigned
65 (84.4%) exact matches, in which:
55 unique CDR3
5 unique J



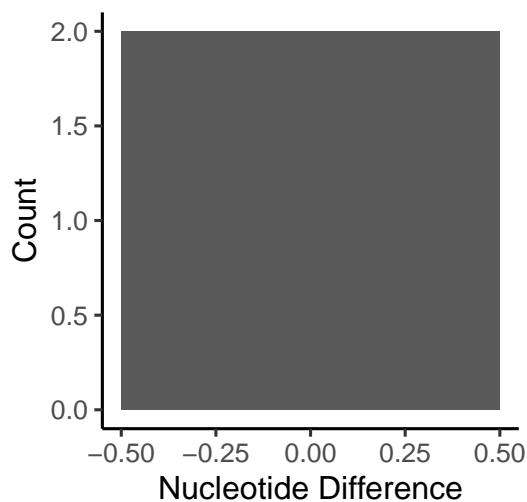
IGKV1/OR2-1*01

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



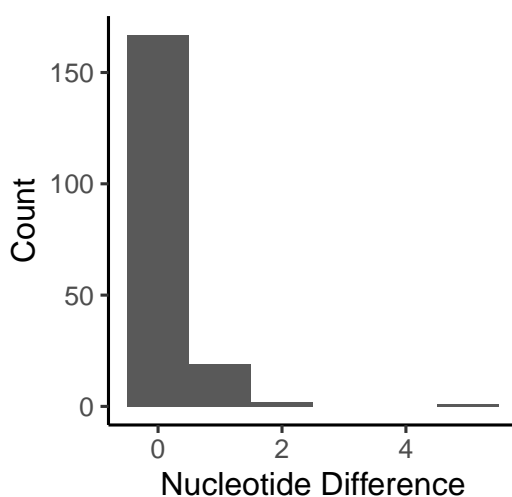
IGKV2/OR22-4*01

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



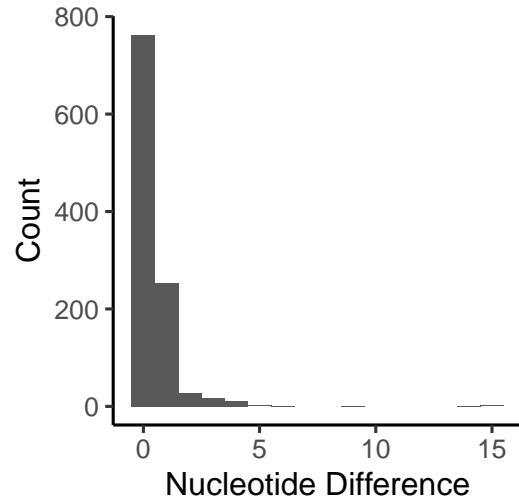
IGKV2-30*01

189 sequences assigned
167 (88.4%) exact matches, in which:
153 unique CDR3
6 unique J



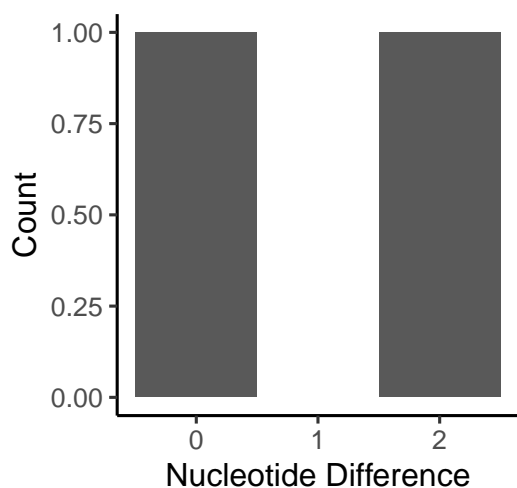
IGKV3-15*01

1078 sequences assigned
763 (70.8%) exact matches, in which:
617 unique CDR3
6 unique J



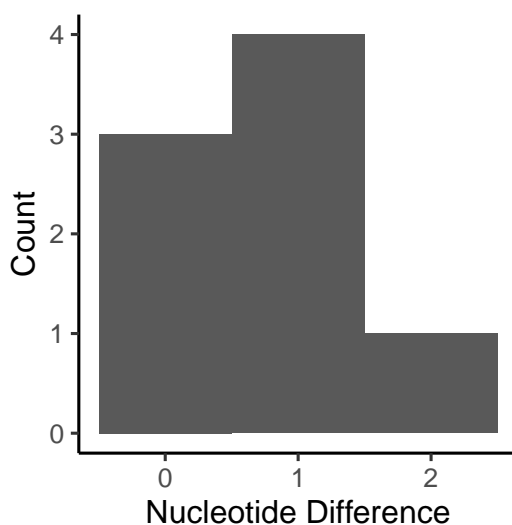
IGKV2-18*01

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



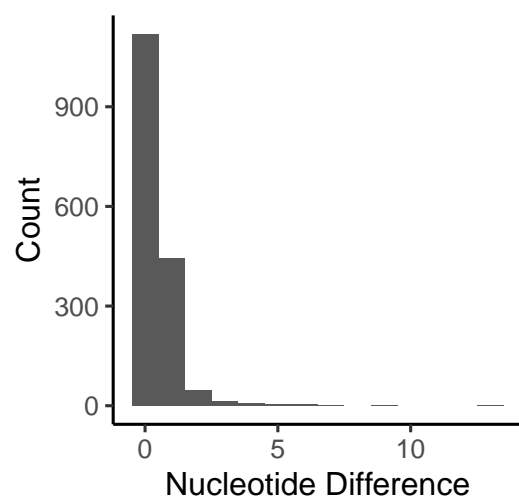
IGKV3-7*04

8 sequences assigned
3 (37.5%) exact matches, in which:
3 unique CDR3
2 unique J



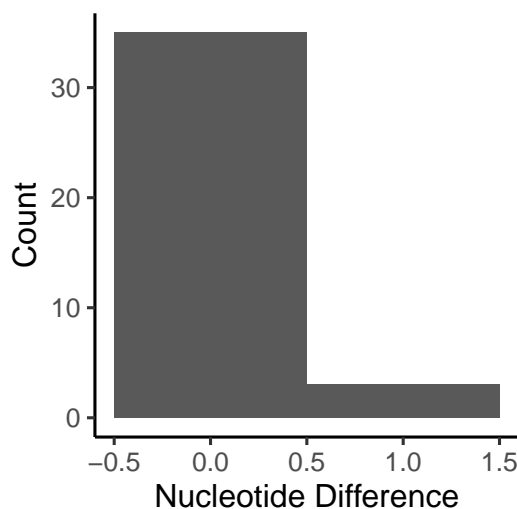
IGKV3-20*01

1645 sequences assigned
1119 (68%) exact matches, in which:
918 unique CDR3
6 unique J



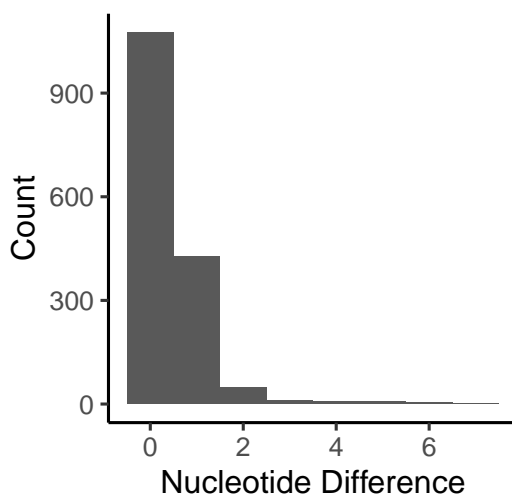
IGKV2-24*01

38 sequences assigned
35 (92.1%) exact matches, in which:
31 unique CDR3
6 unique J



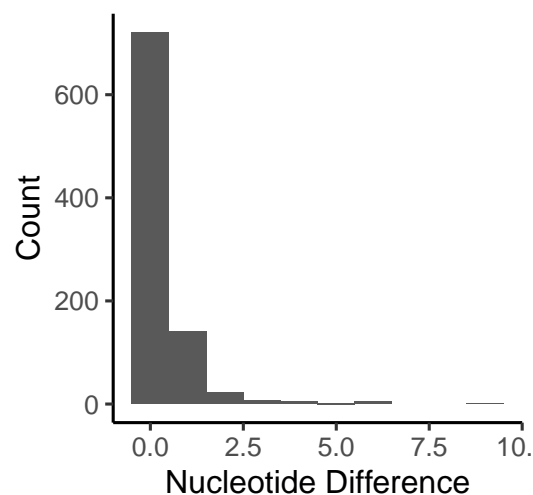
IGKV3-11*01

1582 sequences assigned
1076 (68%) exact matches, in which:
856 unique CDR3
6 unique J



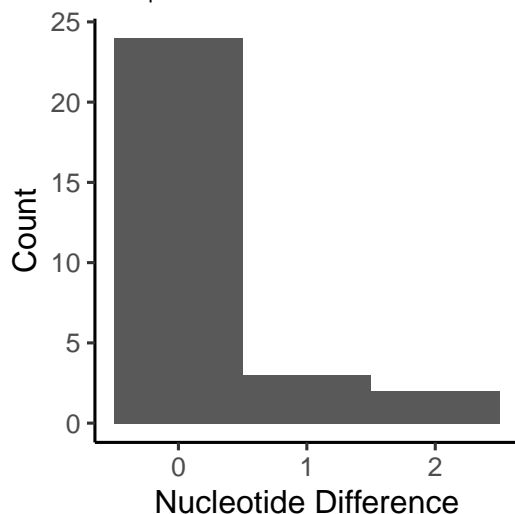
IGKV4-1*01

905 sequences assigned
721 (79.7%) exact matches, in which:
570 unique CDR3
6 unique J



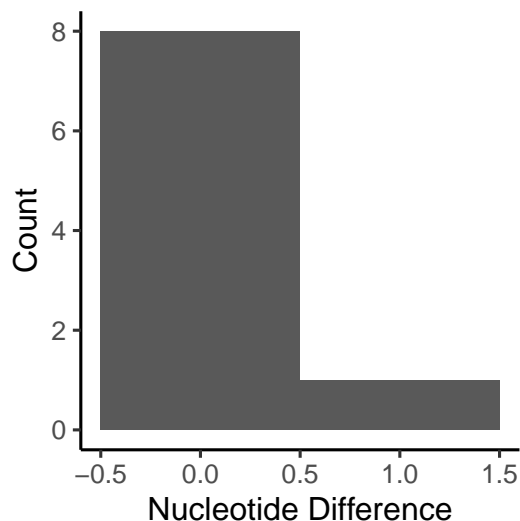
IGKV5-2*01

29 sequences assigned
24 (82.8%) exact matches, in which:
24 unique CDR3
6 unique J



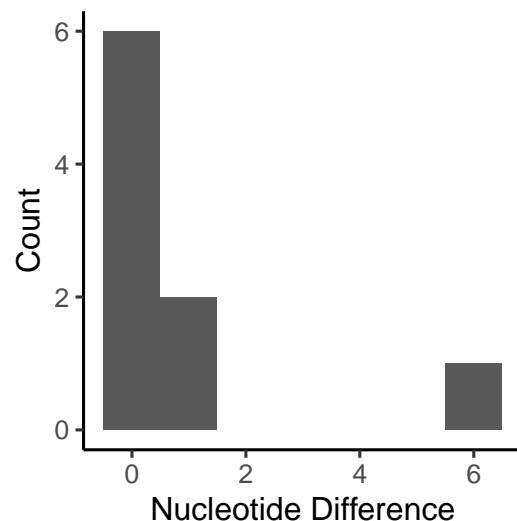
IGKV3D-7*01

9 sequences assigned
8 (88.9%) exact matches, in which:
8 unique CDR3
4 unique J



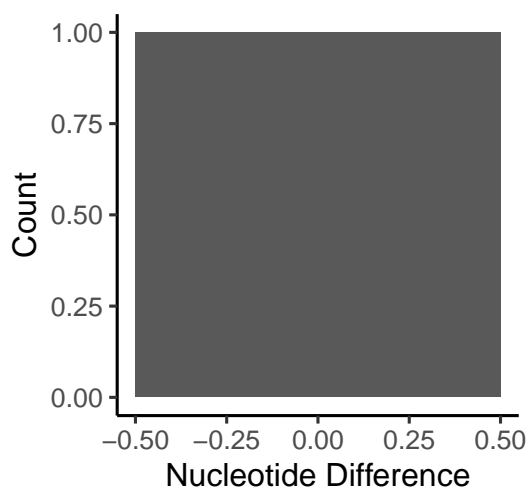
IGKV3D-11*02

9 sequences assigned
6 (66.7%) exact matches, in which:
6 unique CDR3
2 unique J



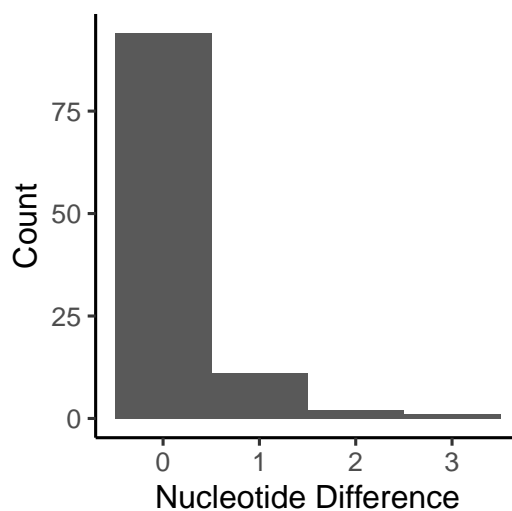
IGKV1/OR15-118*01

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



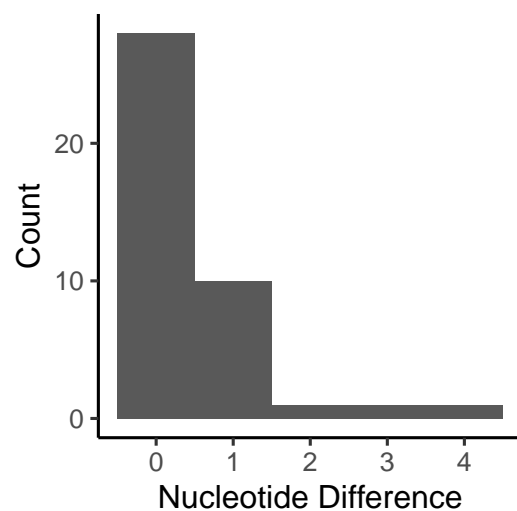
IGKV1D-8*01

108 sequences assigned
94 (87%) exact matches, in which:
76 unique CDR3
6 unique J



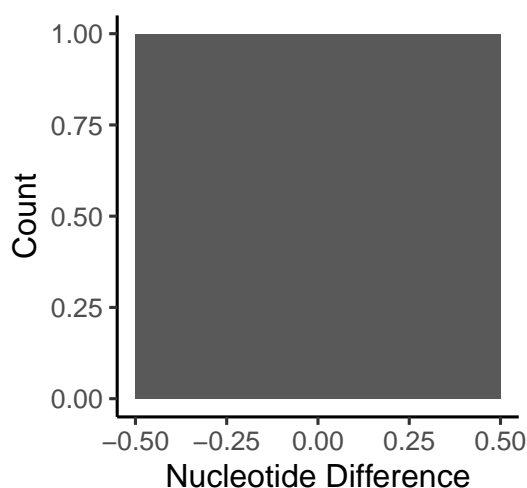
IGKV3D-15*01

41 sequences assigned
28 (68.3%) exact matches, in which:
23 unique CDR3
6 unique J



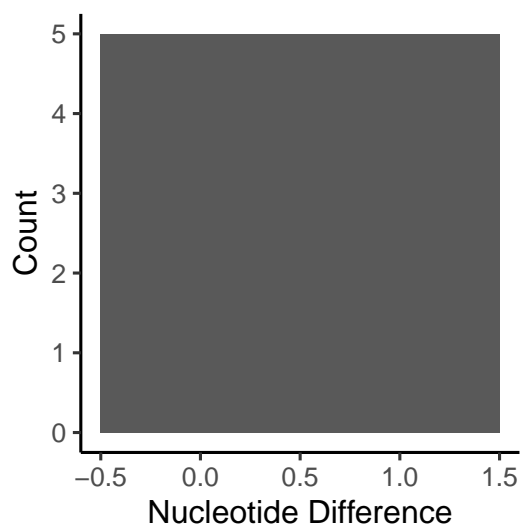
IGKV7-3*01

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



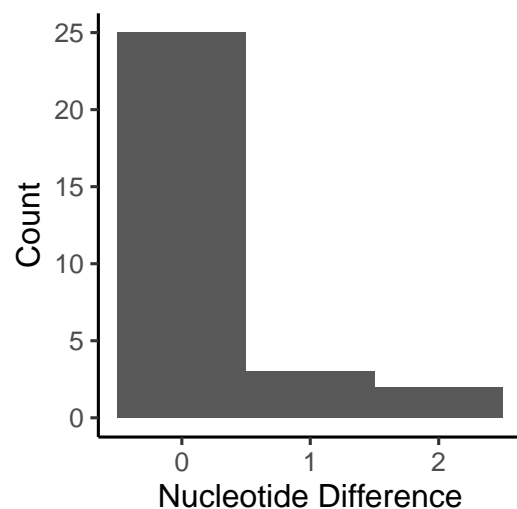
IGKV3D-11*01

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



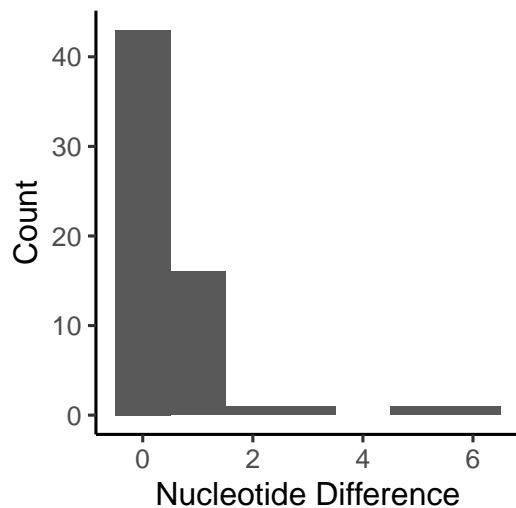
IGKV1D-16*01

30 sequences assigned
25 (83.3%) exact matches, in which:
23 unique CDR3
5 unique J



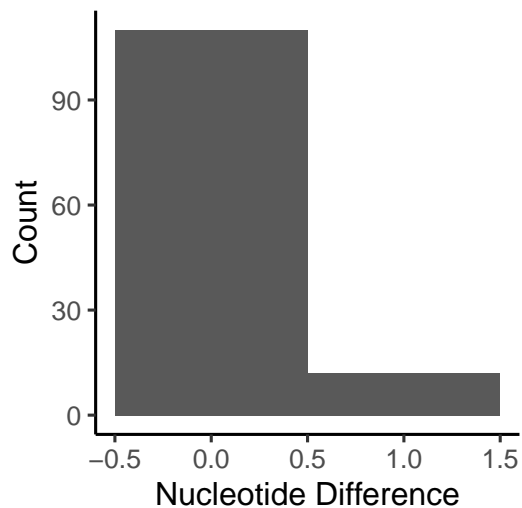
IGKV3D-20*01

63 sequences assigned
43 (68.3%) exact matches, in which:
37 unique CDR3
6 unique J



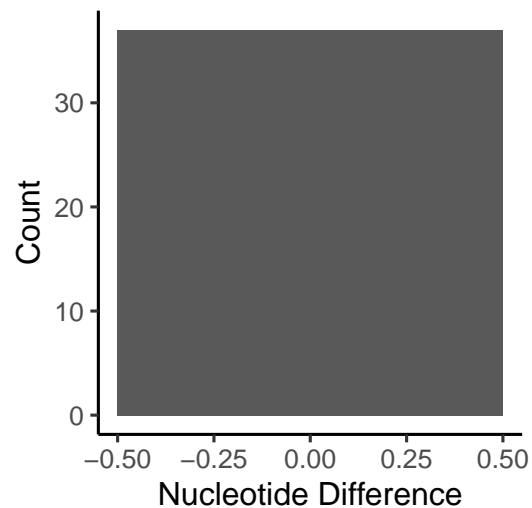
IGKV2D-29*01

122 sequences assigned
110 (90.2%) exact matches, in which:
102 unique CDR3
6 unique J



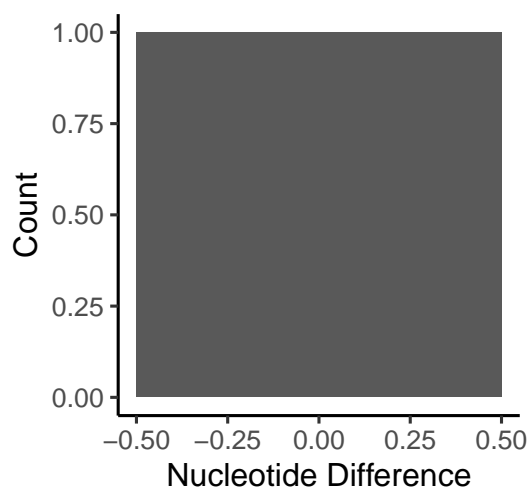
IGKV1D-43*01

37 sequences assigned
37 (100%) exact matches, in which:
37 unique CDR3
6 unique J



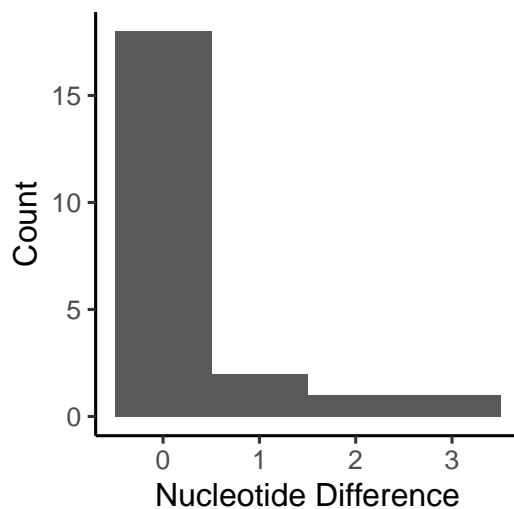
IGKV2D-24*01

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



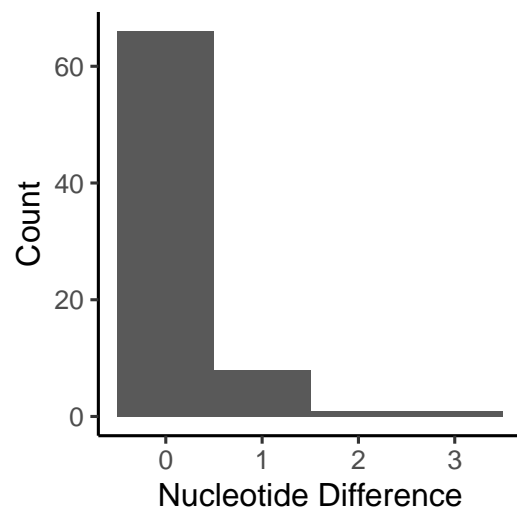
IGKV2D-30*01

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



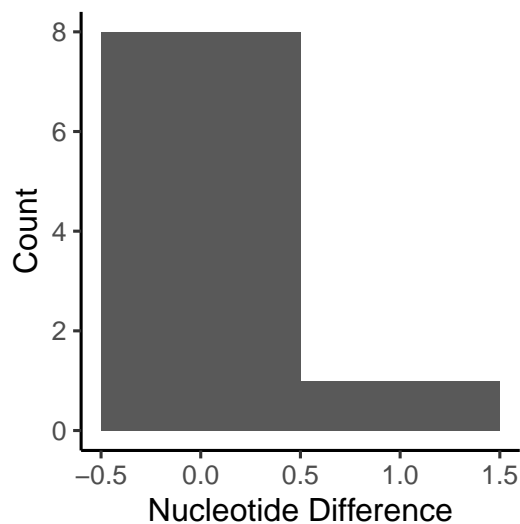
IGKV1E-12*01

76 sequences assigned
66 (86.8%) exact matches, in which:
52 unique CDR3
6 unique J



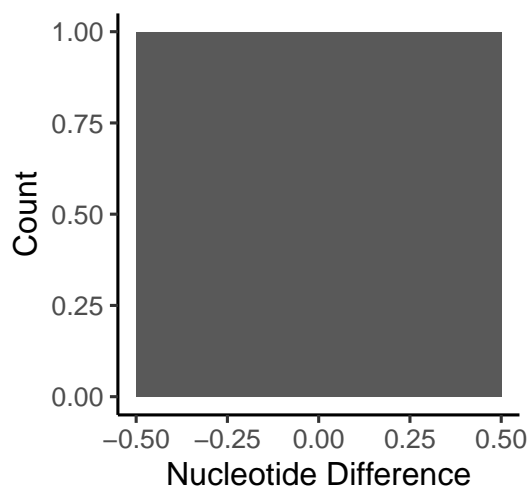
IGKV2D-26*03

9 sequences assigned
8 (88.9%) exact matches, in which:
7 unique CDR3
4 unique J



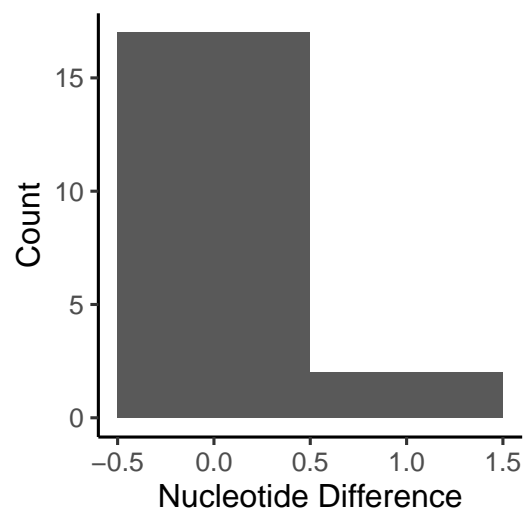
IGKV6D-41*01

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



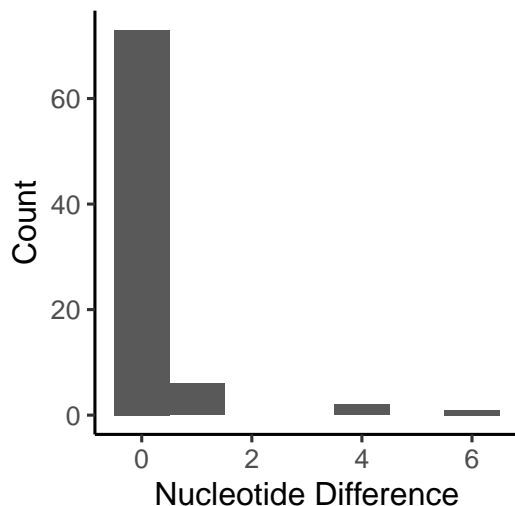
IGKV1E-12*02

19 sequences assigned
17 (89.5%) exact matches, in which:
14 unique CDR3
6 unique J



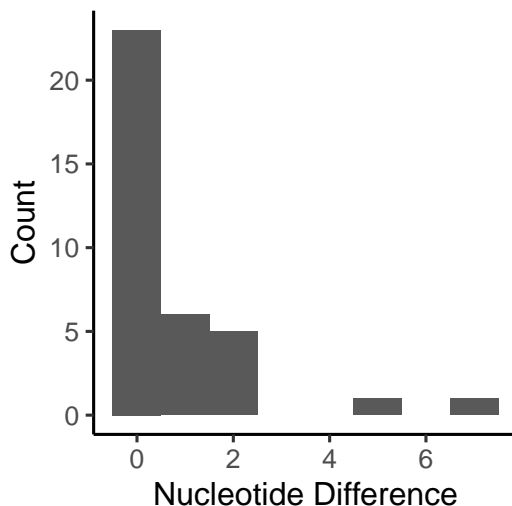
IGKV1E-12*03

82 sequences assigned
73 (89%) exact matches, in which:
61 unique CDR3
6 unique J



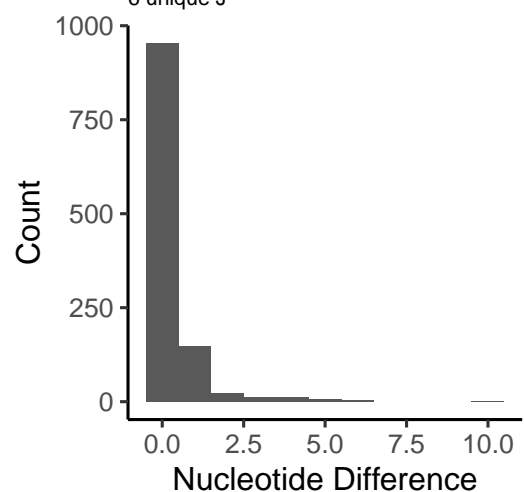
IGKV6E-21*02

36 sequences assigned
23 (63.9%) exact matches, in which:
23 unique CDR3
4 unique J



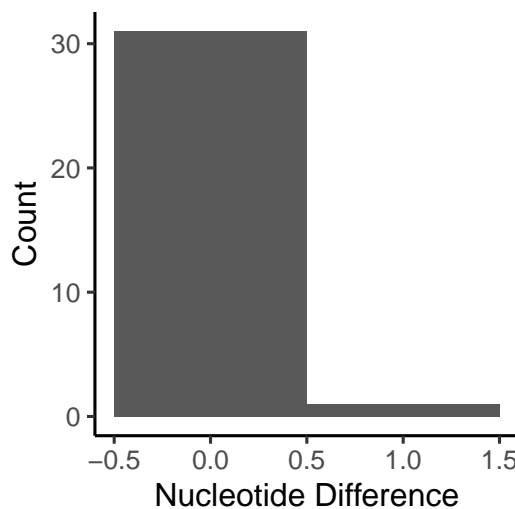
IGKV1E-33*01

1159 sequences assigned
953 (82.2%) exact matches, in which:
757 unique CDR3
6 unique J



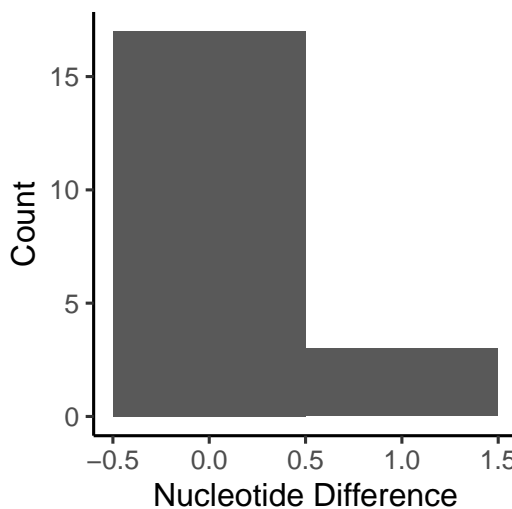
IGKV1E-13*03

32 sequences assigned
31 (96.9%) exact matches, in which:
28 unique CDR3
5 unique J



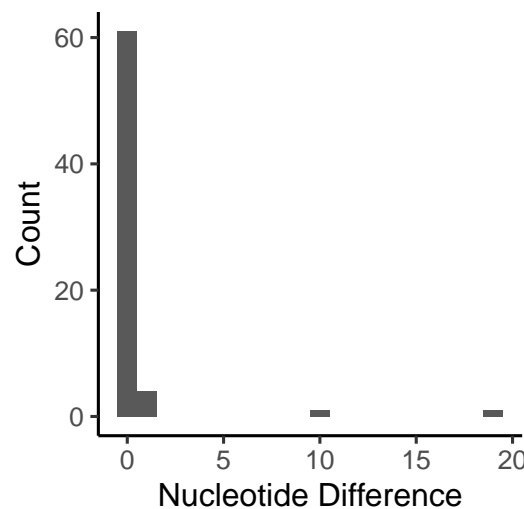
IGKV6E-21*03

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



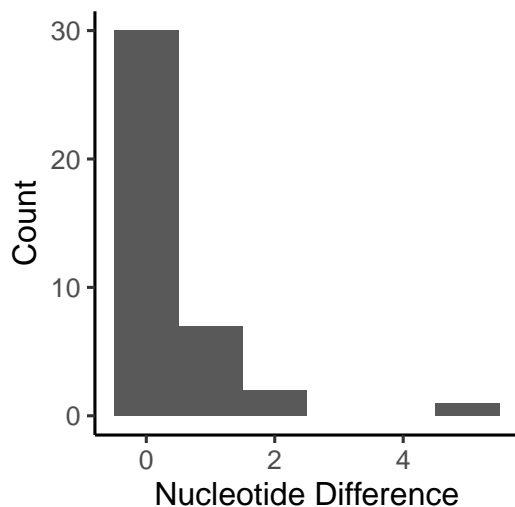
IGKV1E-37*01

67 sequences assigned
61 (91%) exact matches, in which:
58 unique CDR3
6 unique J



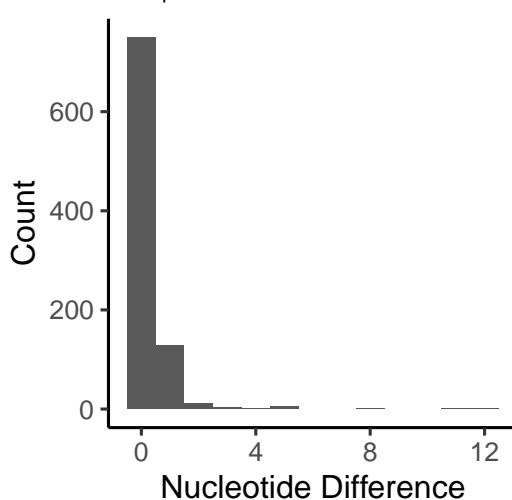
IGKV6E-21*01

40 sequences assigned
30 (75%) exact matches, in which:
29 unique CDR3
5 unique J



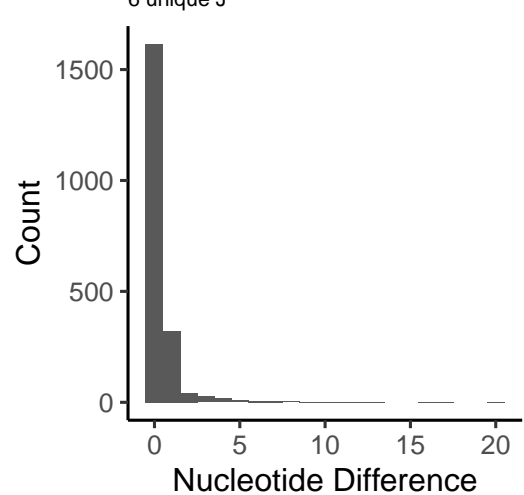
IGKV2E-28*01

908 sequences assigned
750 (82.6%) exact matches, in which:
601 unique CDR3
6 unique J



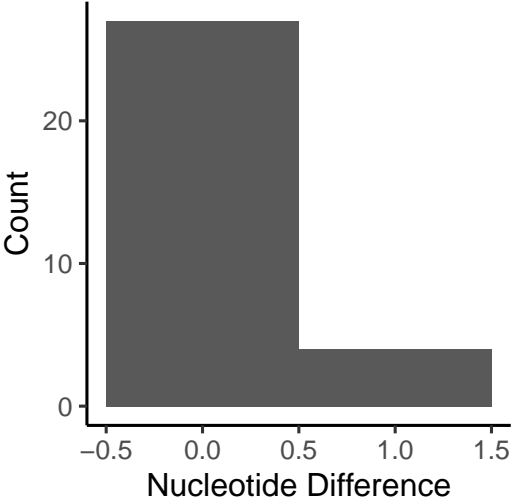
IGKV1E-39*01

2052 sequences assigned
1615 (78.7%) exact matches, in which:
1245 unique CDR3
6 unique J



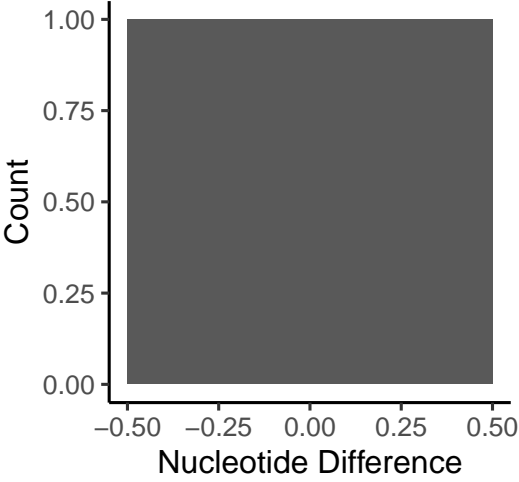
IGKV2E-40*01

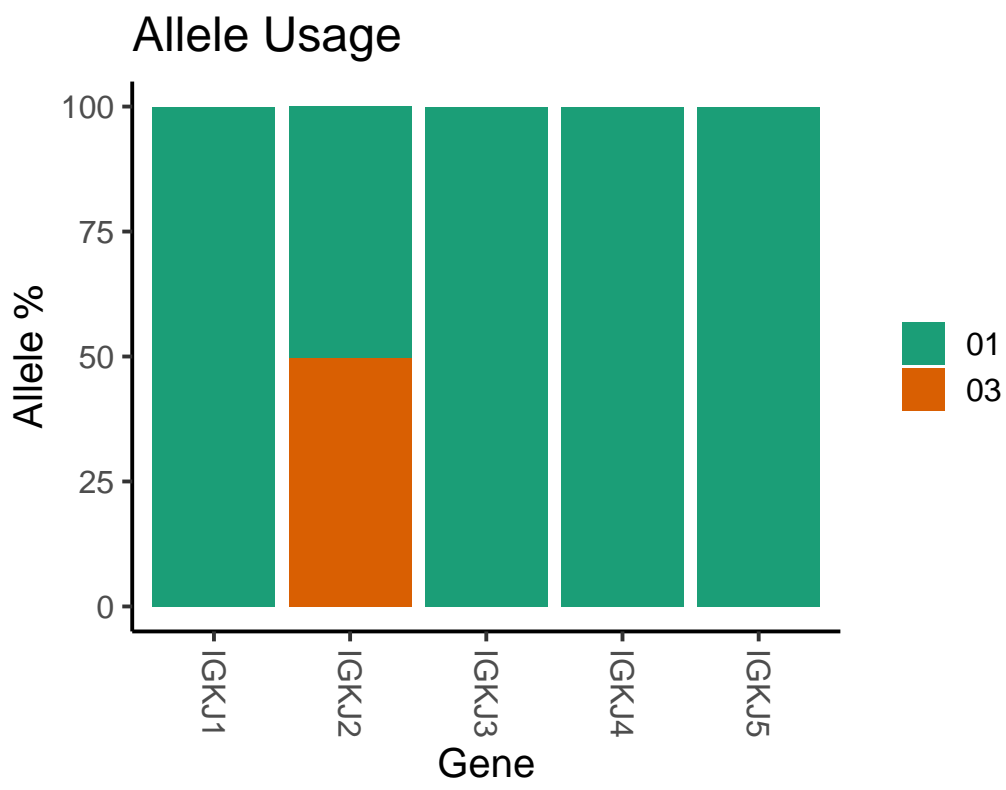
31 sequences assigned
27 (87.1%) exact matches, in which:
26 unique CDR3
6 unique J



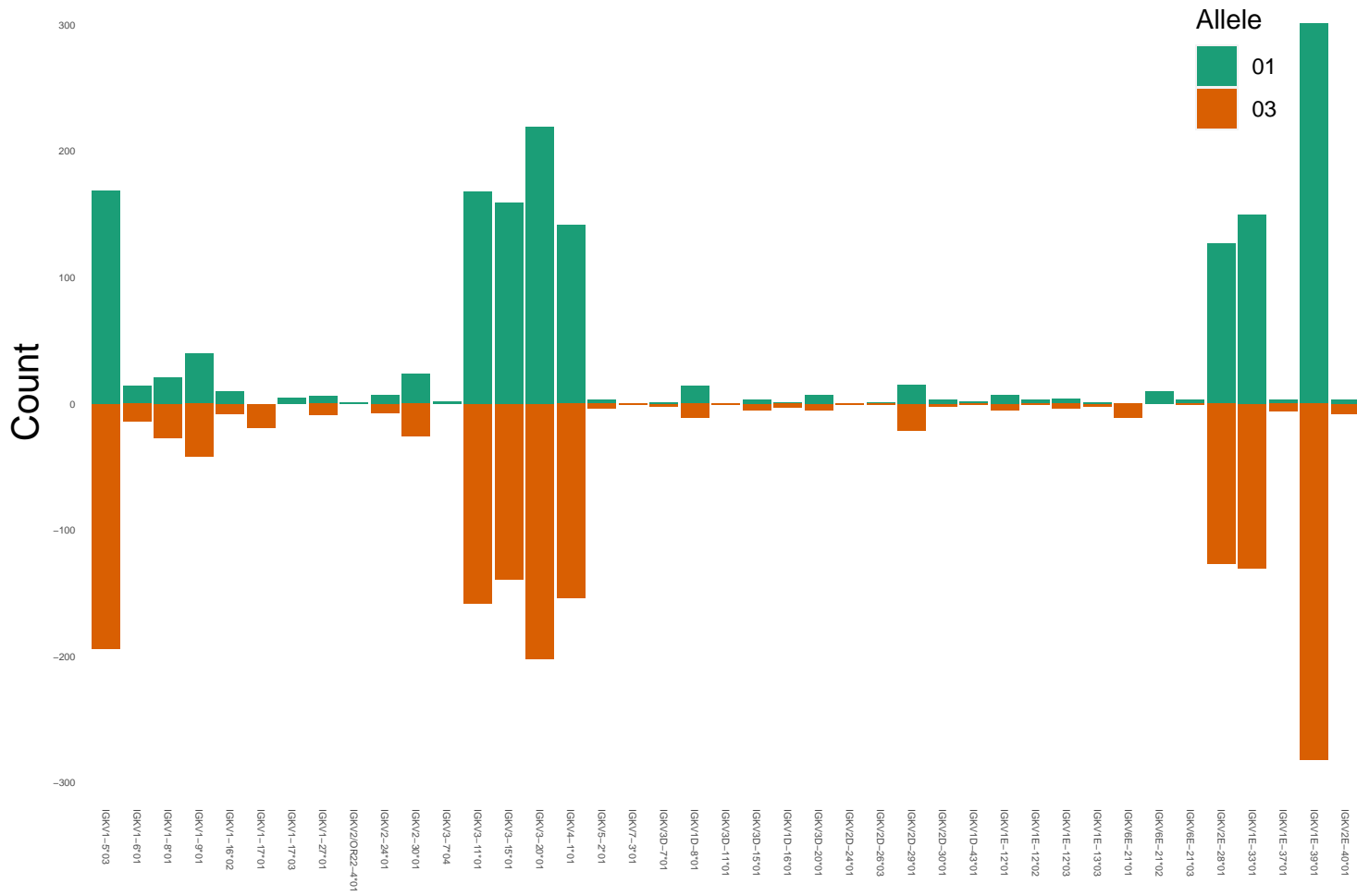
IGKV1/ORY-1*01

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





Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.