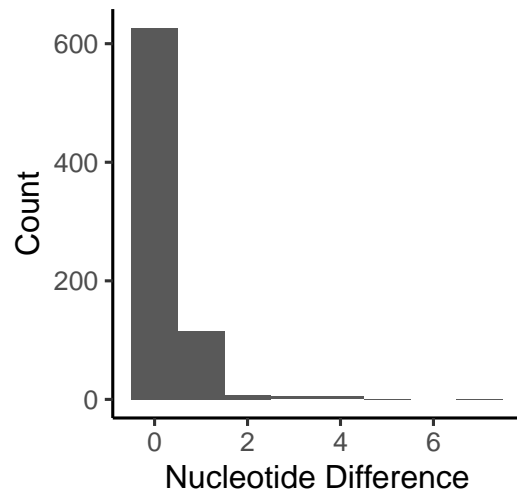


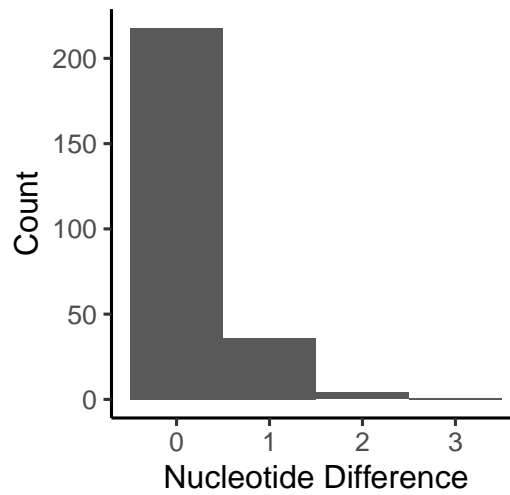
IGKV1-5*03

763 sequences assigned
627 (82.2%) exact matches, in which:
542 unique CDR3
6 unique J



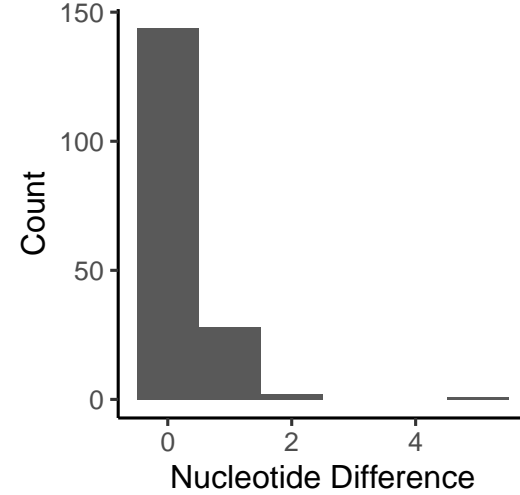
IGKV1-8*01

259 sequences assigned
218 (84.2%) exact matches, in which:
197 unique CDR3
6 unique J



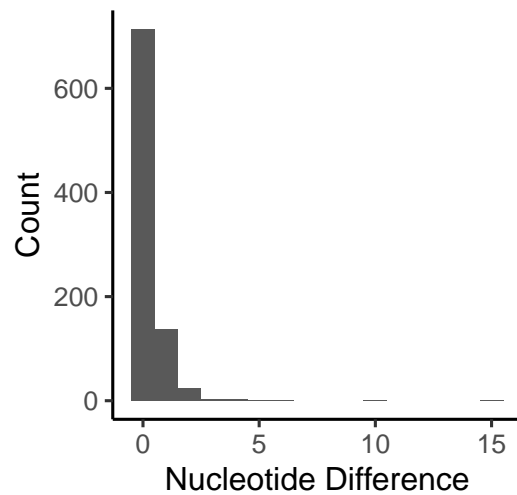
IGKV1-16*02

175 sequences assigned
144 (82.3%) exact matches, in which:
118 unique CDR3
6 unique J



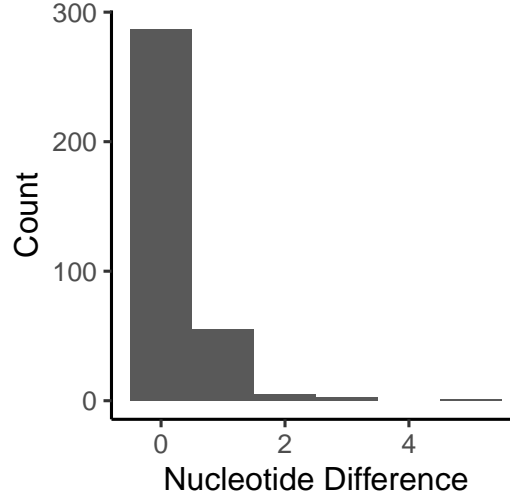
IGKV1-5*03_G171A

885 sequences assigned
714 (80.7%) exact matches, in which:
602 unique CDR3
6 unique J



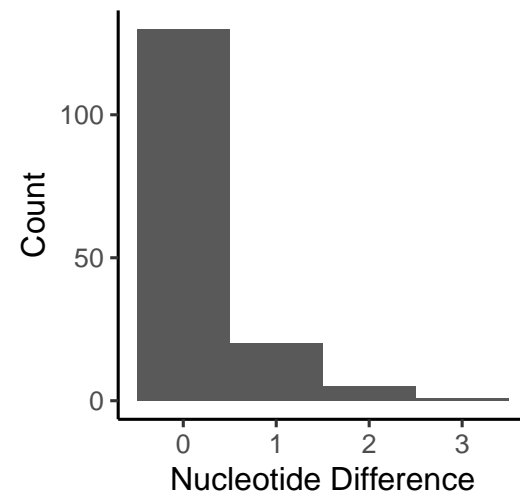
IGKV1-8*01_G12A_T31C

351 sequences assigned
287 (81.8%) exact matches, in which:
237 unique CDR3
6 unique J



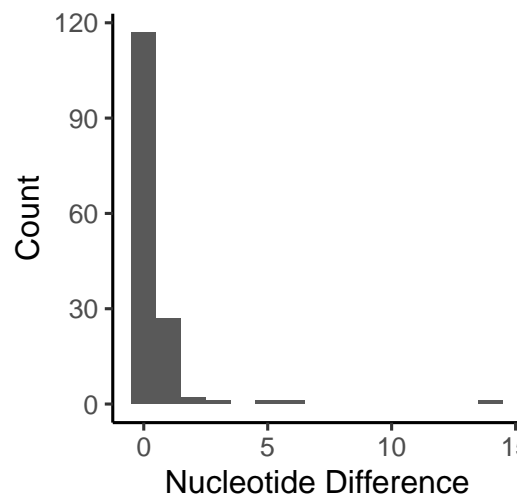
IGKV1-17*01

156 sequences assigned
130 (83.3%) exact matches, in which:
110 unique CDR3
5 unique J



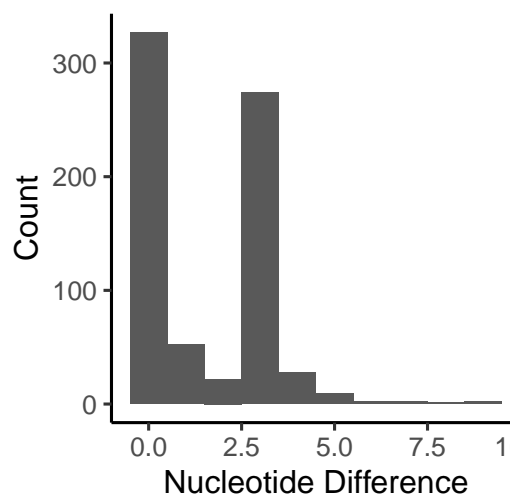
IGKV1-6*01

150 sequences assigned
117 (78%) exact matches, in which:
87 unique CDR3
6 unique J



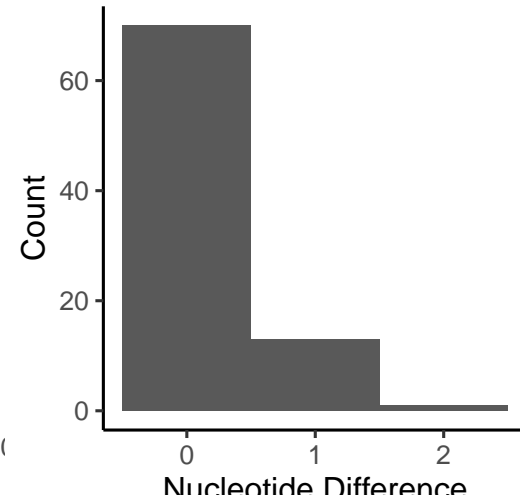
IGKV1-9*01

719 sequences assigned
327 (45.5%) exact matches, in which:
281 unique CDR3
5 unique J



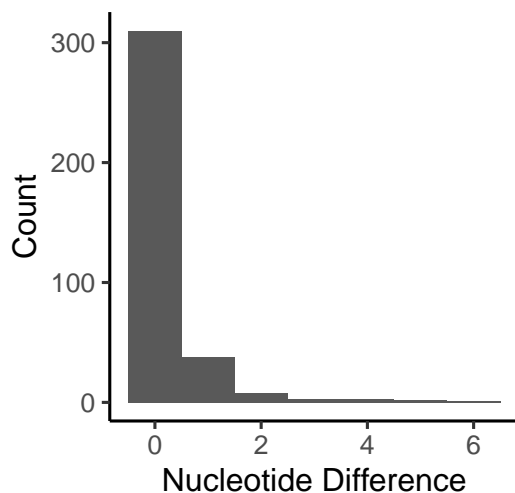
IGKV1-17*03

84 sequences assigned
70 (83.3%) exact matches, in which:
63 unique CDR3
5 unique J



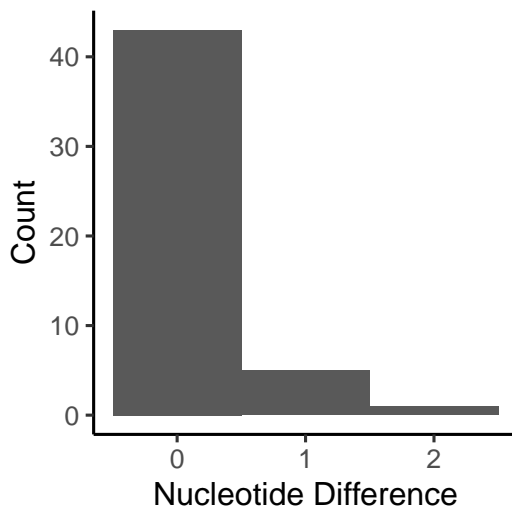
IGKV1–27*01

366 sequences assigned
310 (84.7%) exact matches, in which:
237 unique CDR3
6 unique J



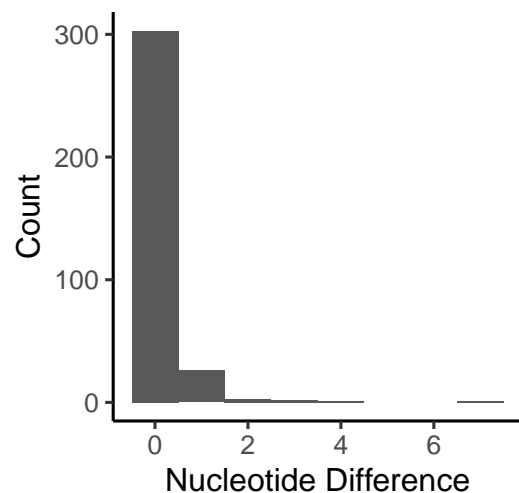
IGKV2–24*01

49 sequences assigned
43 (87.8%) exact matches, in which:
41 unique CDR3
5 unique J



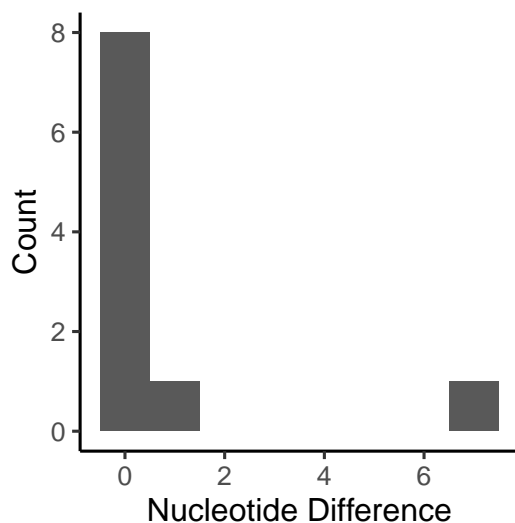
IGKV2–30*01

336 sequences assigned
303 (90.2%) exact matches, in which:
256 unique CDR3
6 unique J



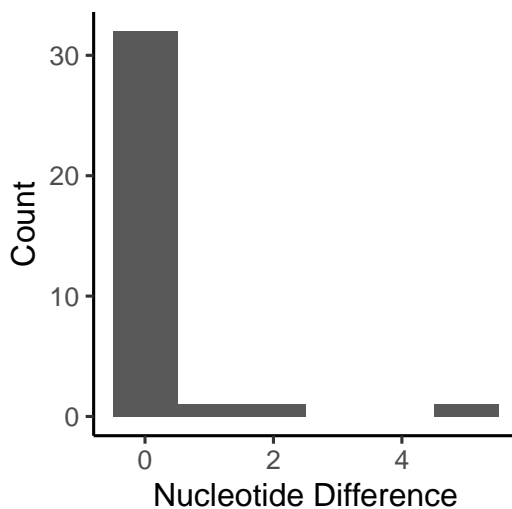
IGKV2/OR22–4*01

10 sequences assigned
8 (80%) exact matches, in which:
7 unique CDR3
3 unique J



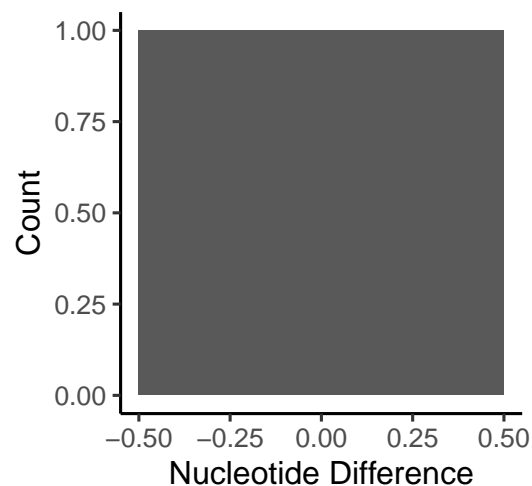
IGKV2–24*01_T314C

35 sequences assigned
32 (91.4%) exact matches, in which:
32 unique CDR3
5 unique J



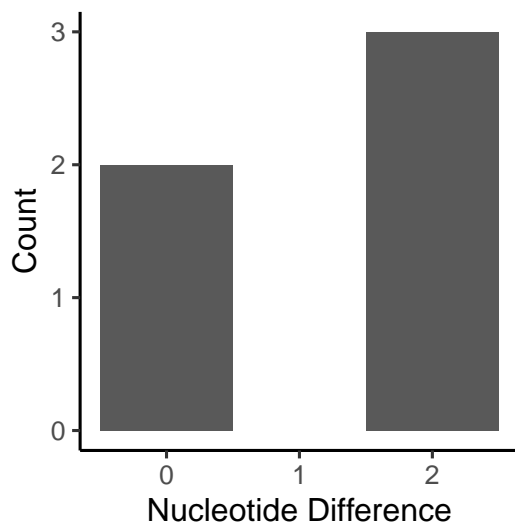
IGKV1/OR2–108*01

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



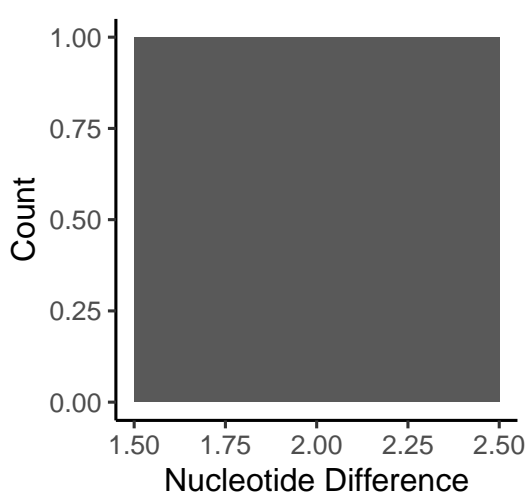
IGKV2–18*01

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
2 unique J



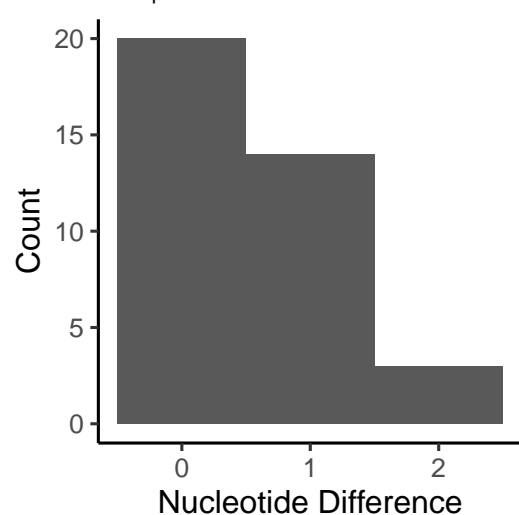
IGKV2–29*03

1 sequences assigned
No exact matches.



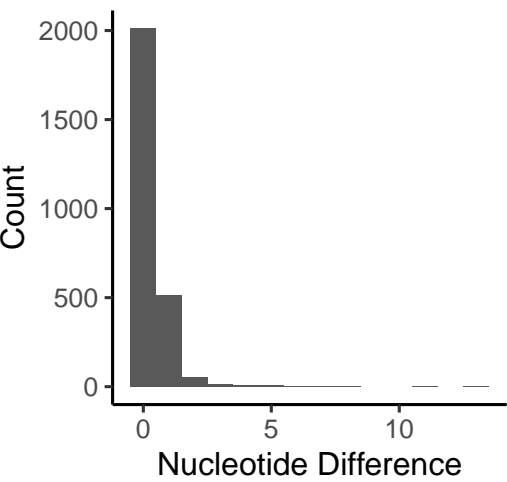
IGKV3–7*04

37 sequences assigned
20 (54.1%) exact matches, in which:
20 unique CDR3
5 unique J



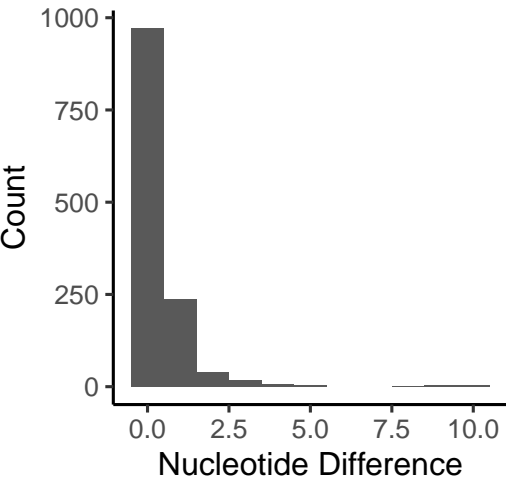
IGKV3-11*01

2626 sequences assigned
2012 (76.6%) exact matches, in which:
1481 unique CDR3
6 unique J



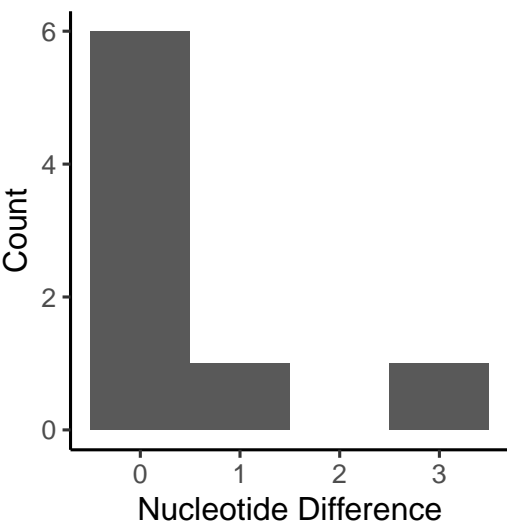
IGKV4-1*01

1282 sequences assigned
971 (75.7%) exact matches, in which:
734 unique CDR3
6 unique J



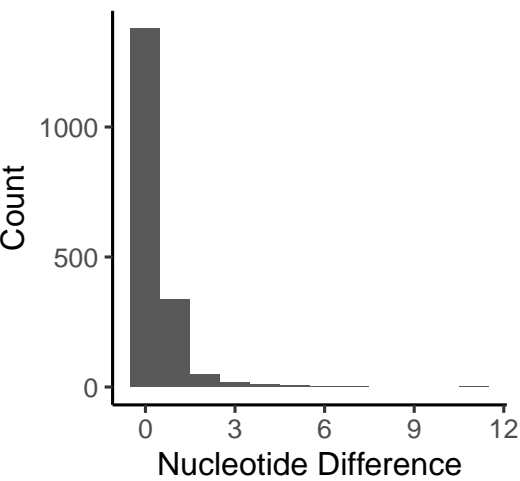
IGKV3D-7*01

8 sequences assigned
6 (75%) exact matches, in which:
6 unique CDR3
4 unique J



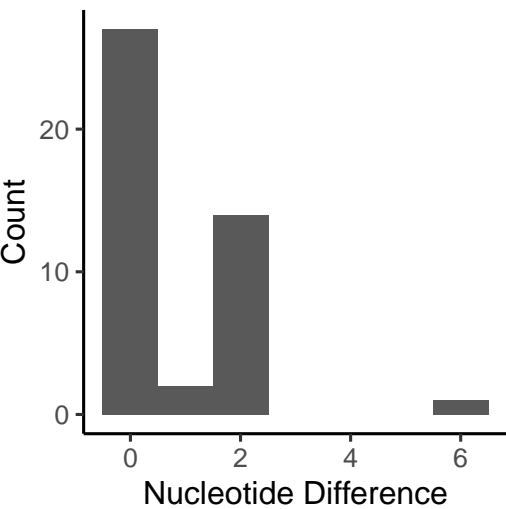
IGKV3-15*01

1799 sequences assigned
1378 (76.6%) exact matches, in which:
1106 unique CDR3
6 unique J



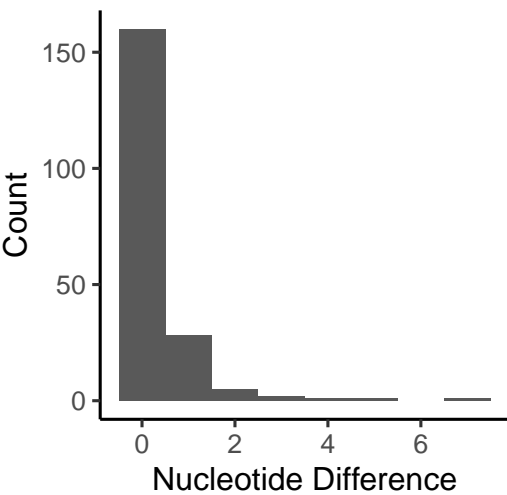
IGKV5-2*01

44 sequences assigned
27 (61.4%) exact matches, in which:
25 unique CDR3
5 unique J



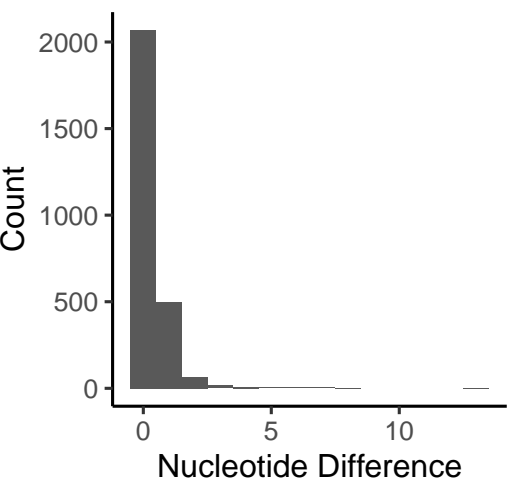
IGKV1D-8*01

198 sequences assigned
160 (80.8%) exact matches, in which:
122 unique CDR3
6 unique J



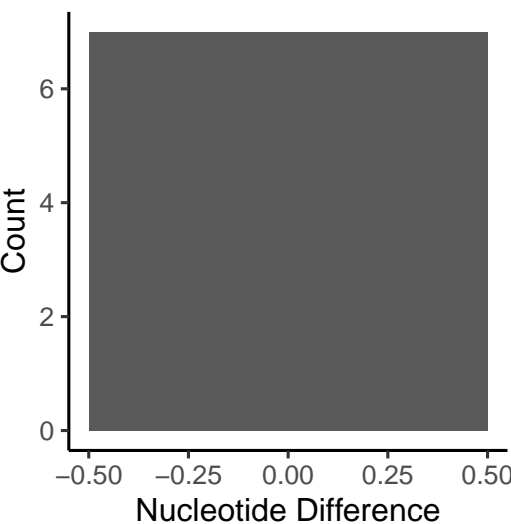
IGKV3-20*01

2674 sequences assigned
2069 (77.4%) exact matches, in which:
1656 unique CDR3
6 unique J



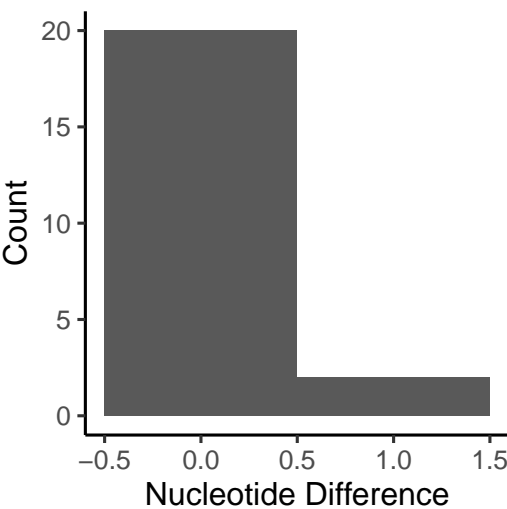
IGKV7-3*01

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



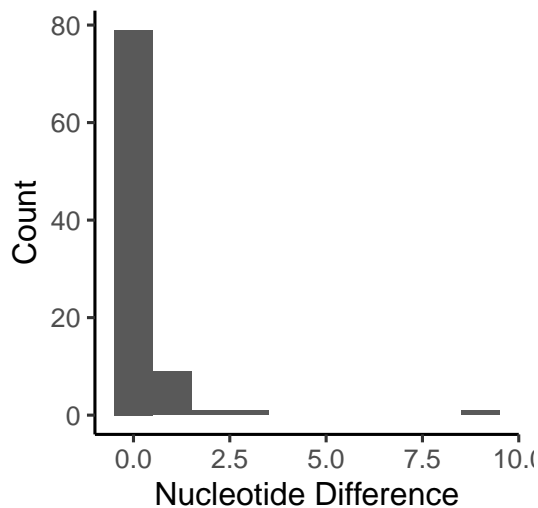
IGKV3D-11*01

22 sequences assigned
20 (90.9%) exact matches, in which:
19 unique CDR3
4 unique J



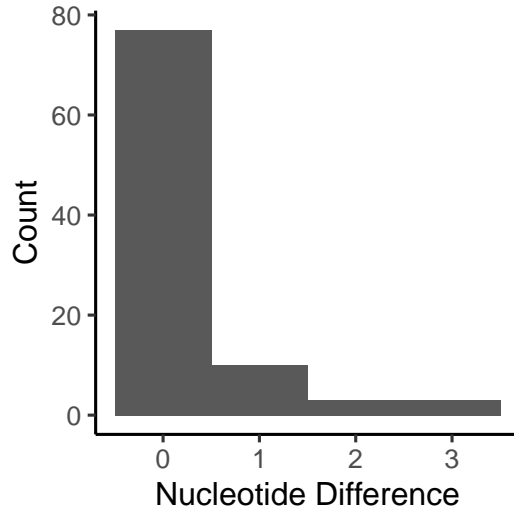
IGKV3D-15*01

91 sequences assigned
79 (86.8%) exact matches, in which:
75 unique CDR3
6 unique J



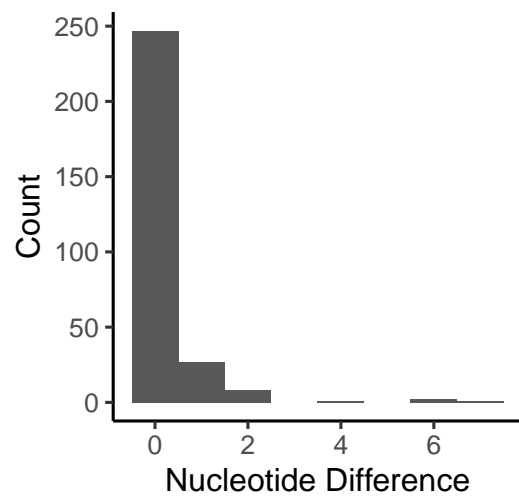
IGKV3D-20*01

93 sequences assigned
77 (82.8%) exact matches, in which:
70 unique CDR3
6 unique J



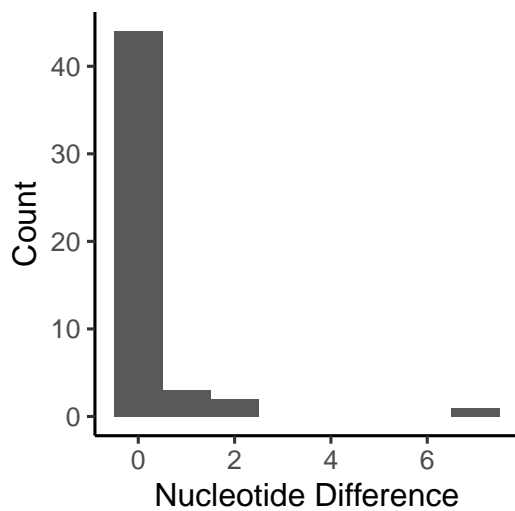
IGKV2D-29*01

287 sequences assigned
247 (86.1%) exact matches, in which:
212 unique CDR3
6 unique J



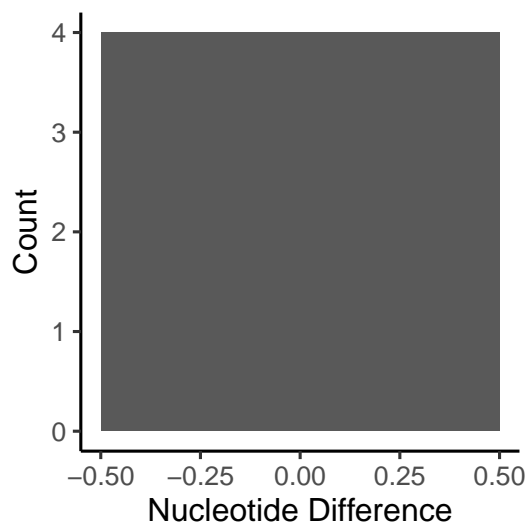
IGKV1D-16*01

50 sequences assigned
44 (88%) exact matches, in which:
34 unique CDR3
5 unique J



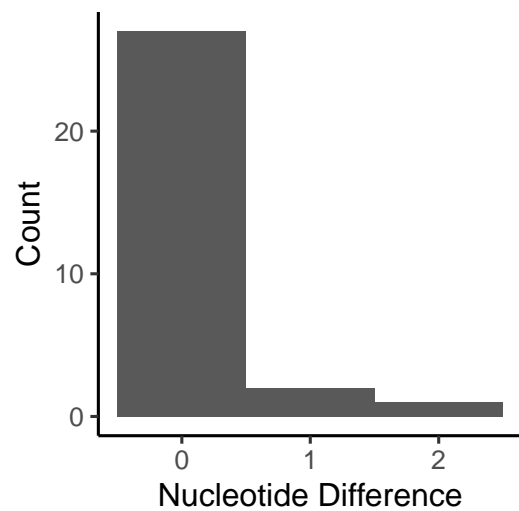
IGKV2D-24*01

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



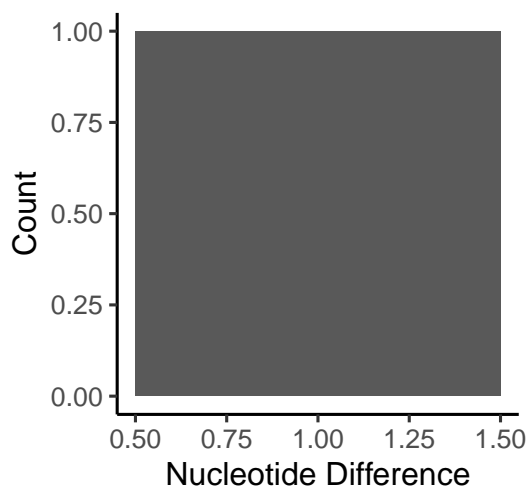
IGKV2D-30*01

30 sequences assigned
27 (90%) exact matches, in which:
25 unique CDR3
5 unique J



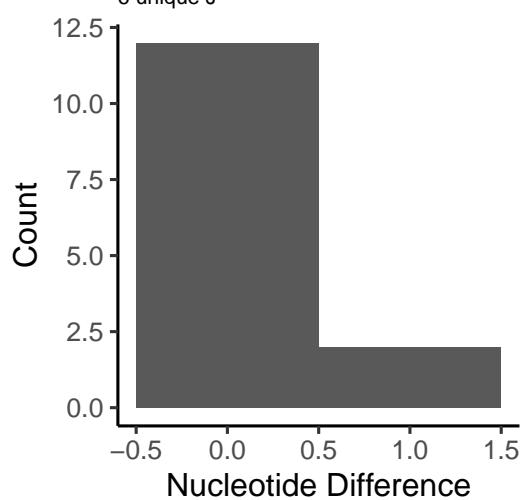
IGKV1D-17*01

1 sequences assigned
No exact matches.



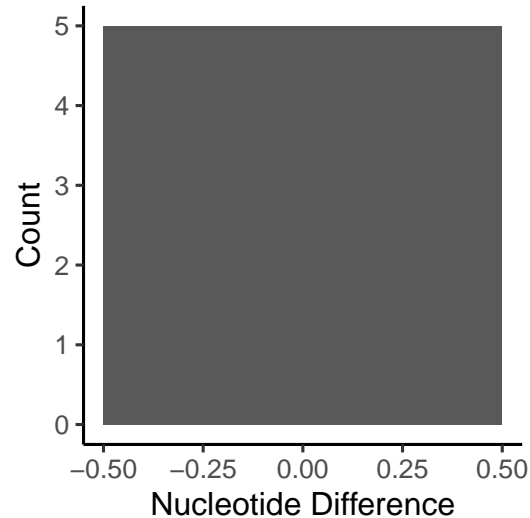
IGKV2D-26*03

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



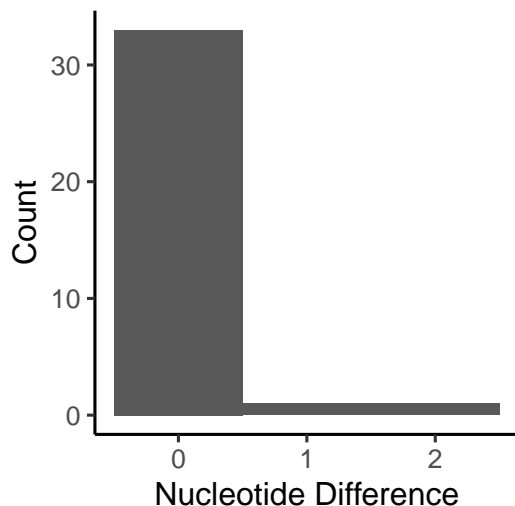
IGKV6D-41*01

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



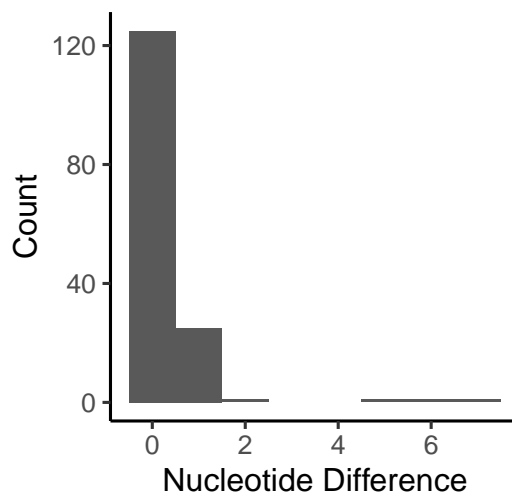
IGKV1D-43*01

35 sequences assigned
33 (94.3%) exact matches, in which:
30 unique CDR3
6 unique J



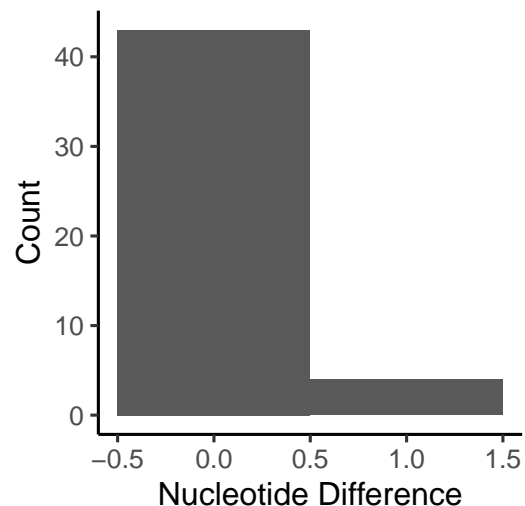
IGKV1E-12*03

154 sequences assigned
125 (81.2%) exact matches, in which:
96 unique CDR3
6 unique J



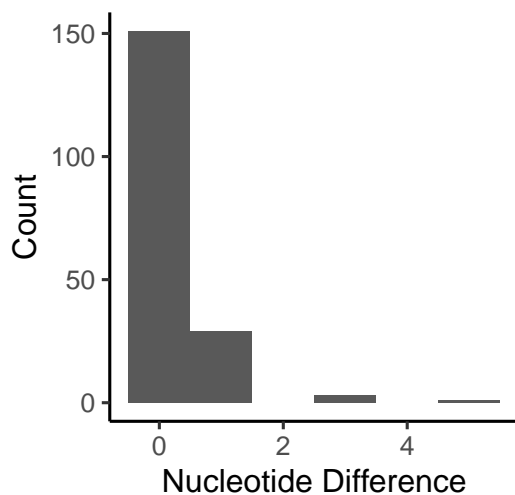
IGKV6E-21*02

47 sequences assigned
43 (91.5%) exact matches, in which:
40 unique CDR3
5 unique J



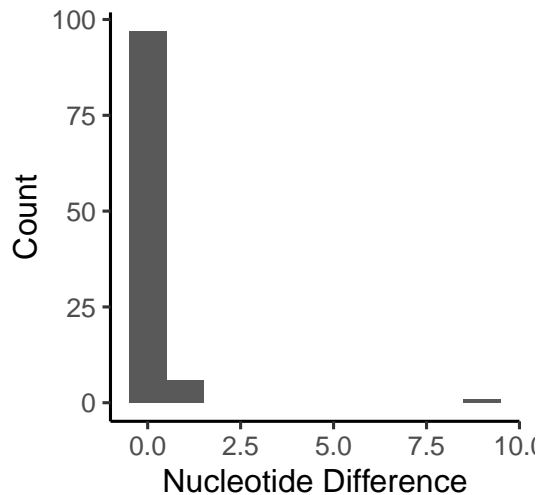
IGKV1E-12*01

184 sequences assigned
151 (82.1%) exact matches, in which:
106 unique CDR3
6 unique J



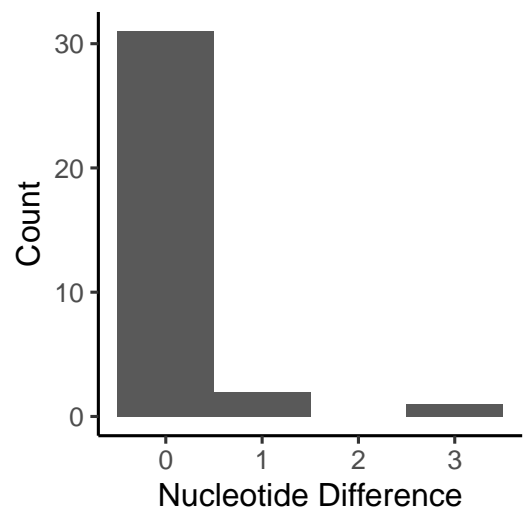
IGKV1E-13*03

104 sequences assigned
97 (93.3%) exact matches, in which:
86 unique CDR3
6 unique J



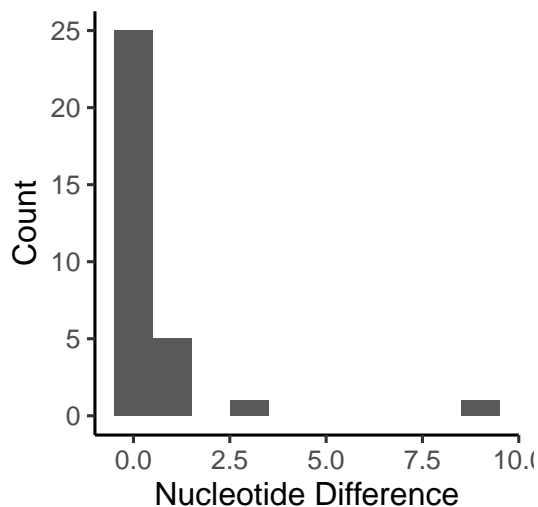
IGKV6E-21*03

34 sequences assigned
31 (91.2%) exact matches, in which:
24 unique CDR3
6 unique J



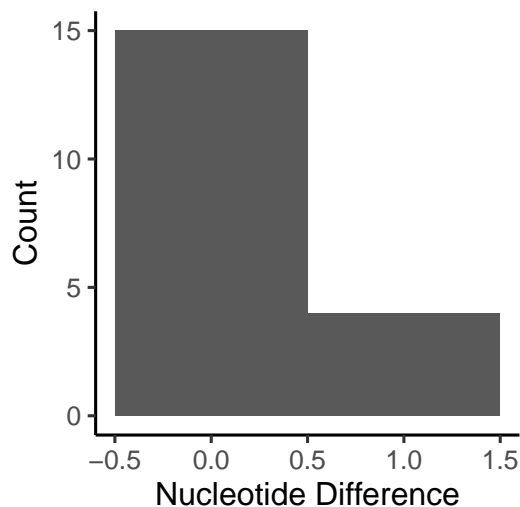
IGKV1E-12*02

32 sequences assigned
25 (78.1%) exact matches, in which:
20 unique CDR3
6 unique J



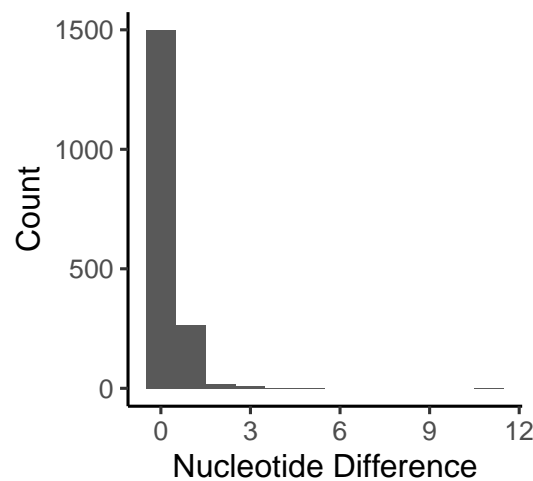
IGKV6E-21*01

19 sequences assigned
15 (78.9%) exact matches, in which:
15 unique CDR3
4 unique J



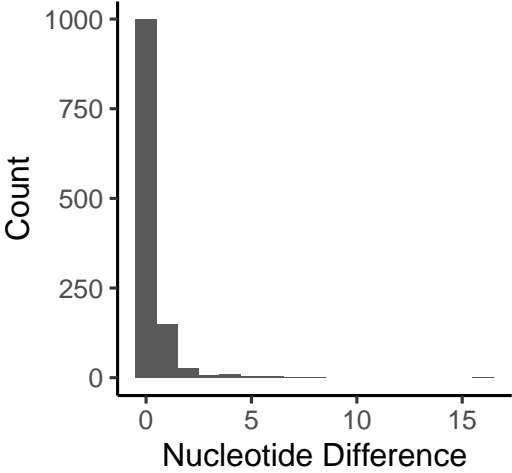
IGKV2E-28*01

1794 sequences assigned
1499 (83.6%) exact matches, in which:
1117 unique CDR3
6 unique J



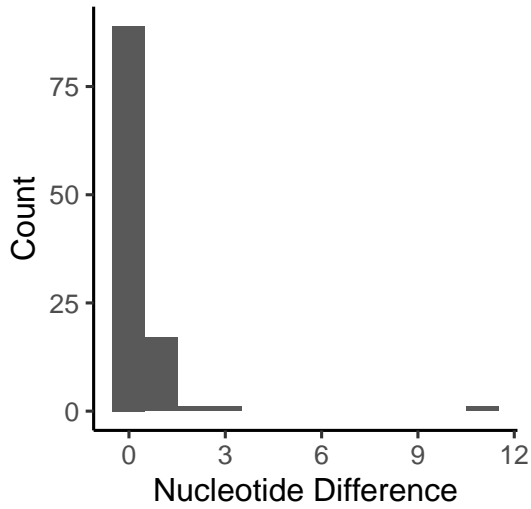
IGKV1E-33*01

1201 sequences assigned
999 (83.2%) exact matches, in which:
770 unique CDR3
6 unique J



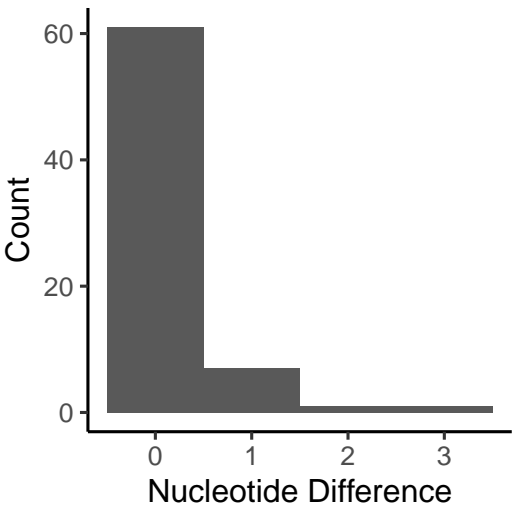
IGKV2E-40*01

109 sequences assigned
89 (81.7%) exact matches, in which:
75 unique CDR3
6 unique J



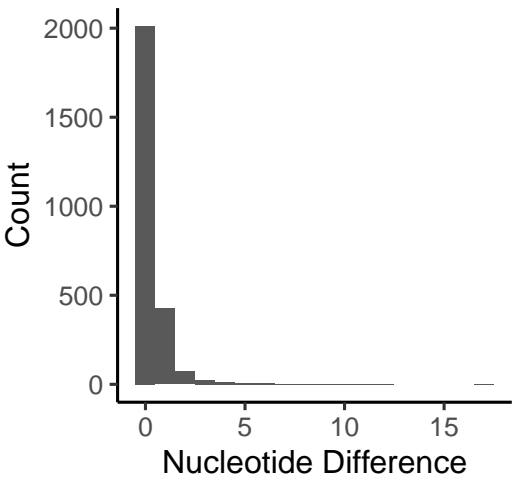
IGKV1E-37*01

70 sequences assigned
61 (87.1%) exact matches, in which:
56 unique CDR3
6 unique J

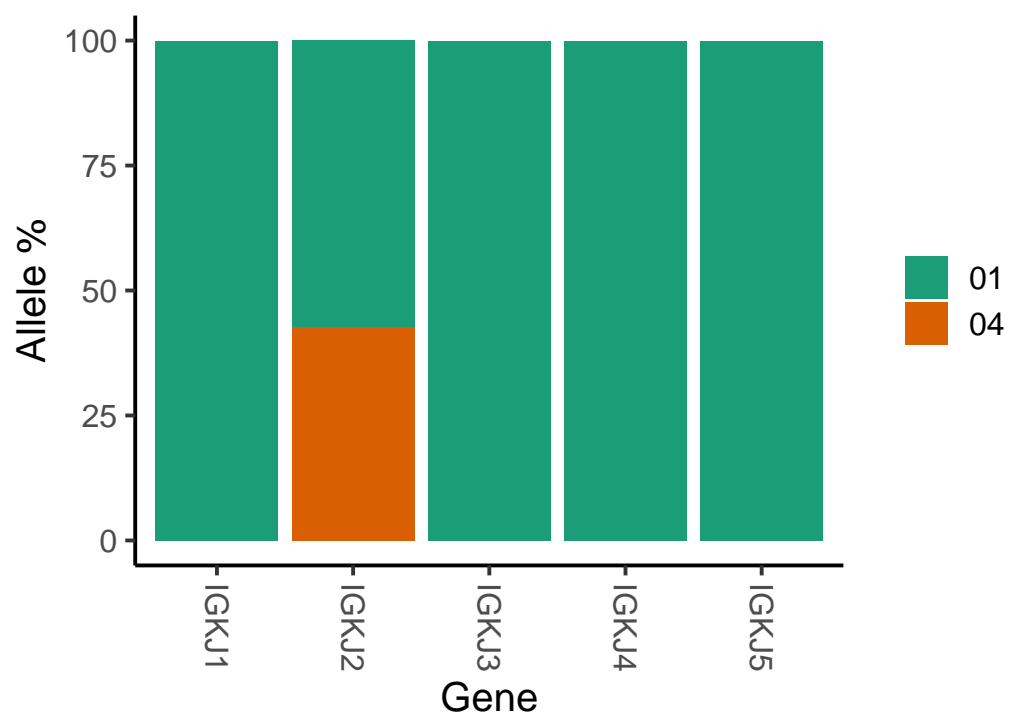


IGKV1E-39*01

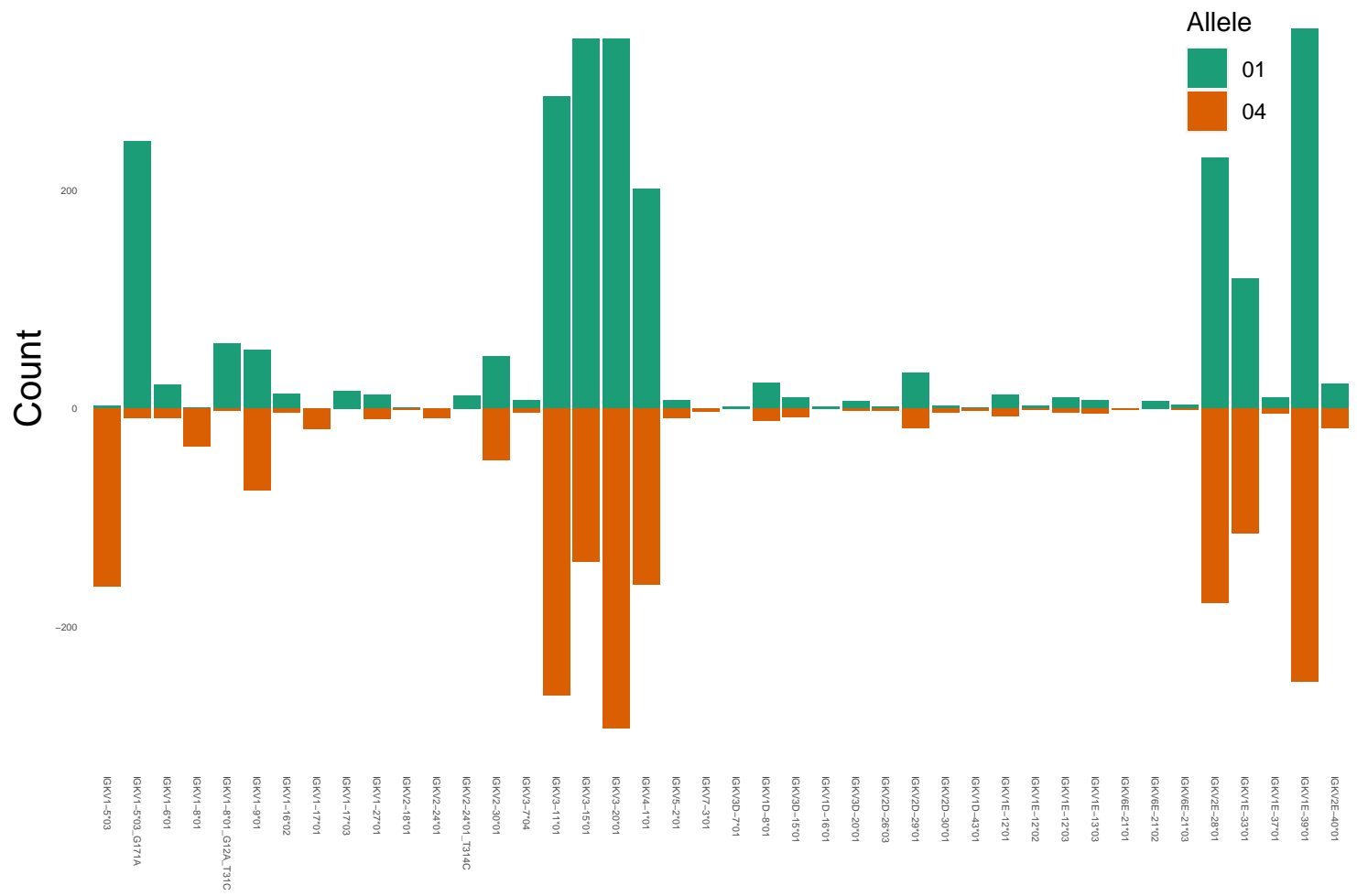
2572 sequences assigned
2012 (78.2%) exact matches, in which:
1482 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.