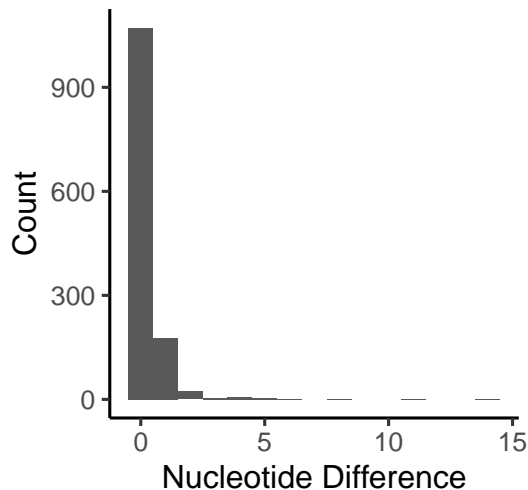


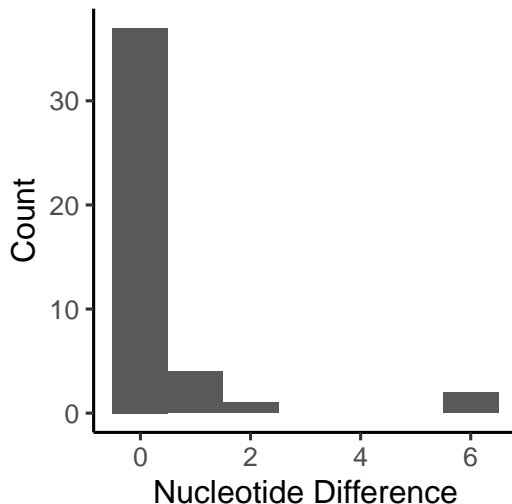
IGKV1-5*01

1293 sequences assigned
1072 (82.9%) exact matches, in which:
864 unique CDR3
6 unique J



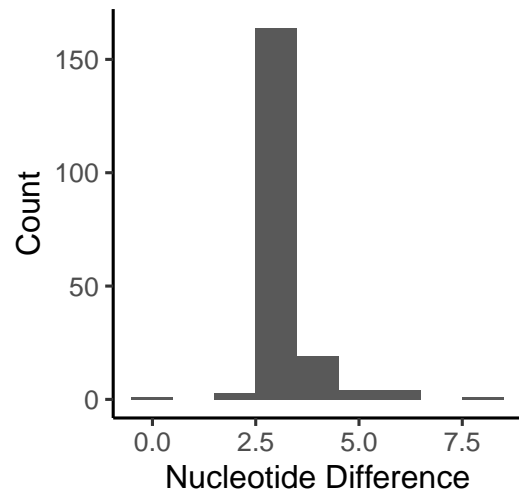
IGKV1-6*01_G9A

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



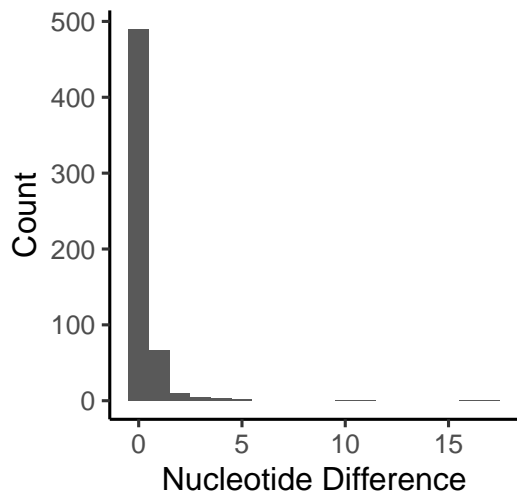
IGKV1-9*01

196 sequences assigned
1 (0.5%) exact matches, in which:
1 unique CDR3
1 unique J



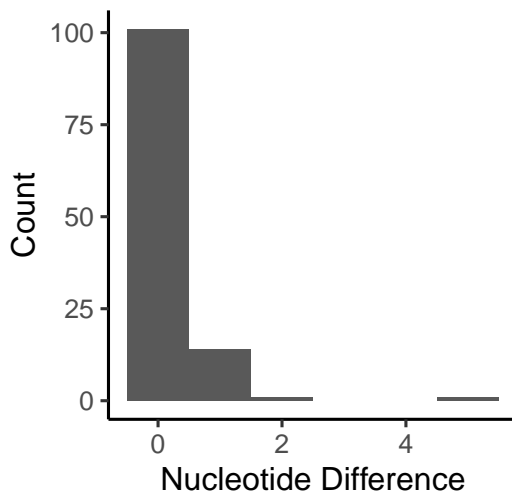
IGKV1-5*03

580 sequences assigned
490 (84.5%) exact matches, in which:
437 unique CDR3
6 unique J



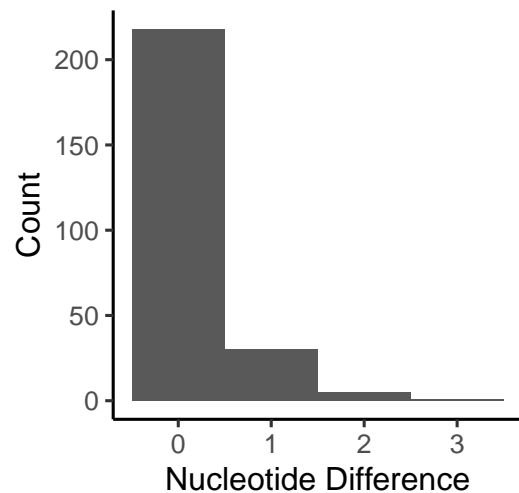
IGKV1-8*01

117 sequences assigned
101 (86.3%) exact matches, in which:
92 unique CDR3
5 unique J



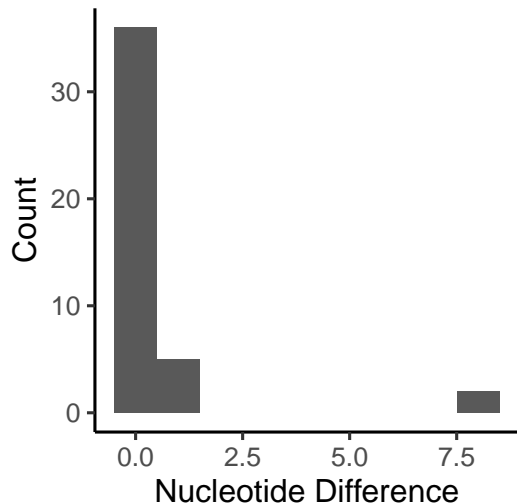
IGKV1-9*01_C70T

254 sequences assigned
218 (85.8%) exact matches, in which:
204 unique CDR3
6 unique J



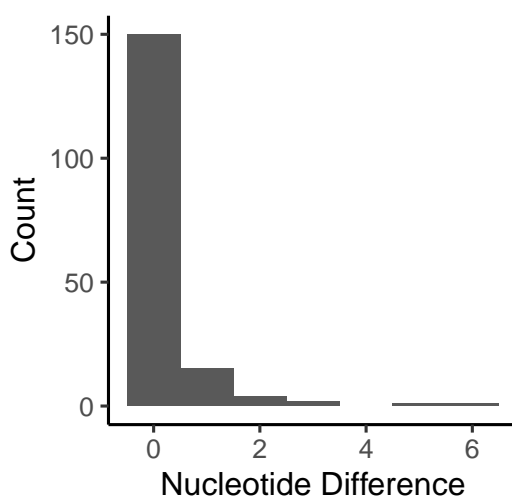
IGKV1-6*01

43 sequences assigned
36 (83.7%) exact matches, in which:
36 unique CDR3
5 unique J



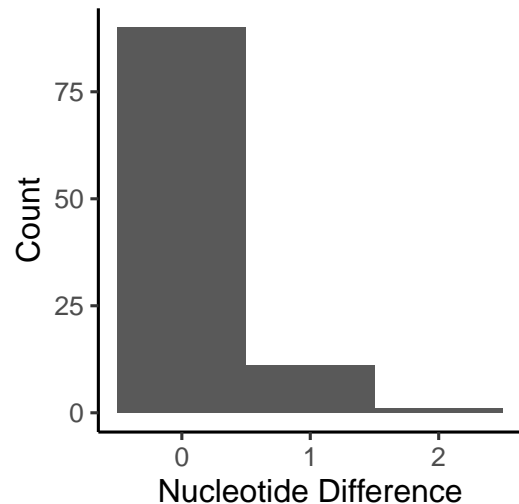
IGKV1-8*01_T31C

173 sequences assigned
150 (86.7%) exact matches, in which:
133 unique CDR3
5 unique J



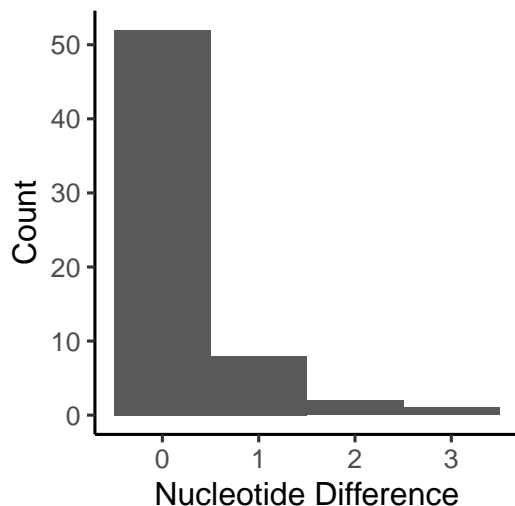
IGKV1-16*02

102 sequences assigned
90 (88.2%) exact matches, in which:
74 unique CDR3
6 unique J



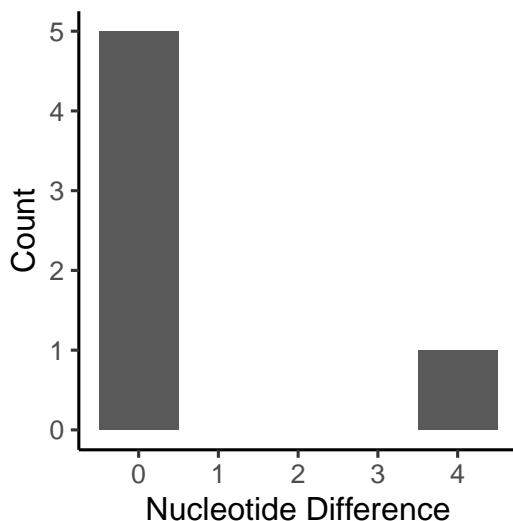
IGKV1-17*01

63 sequences assigned
52 (82.5%) exact matches, in which:
49 unique CDR3
5 unique J



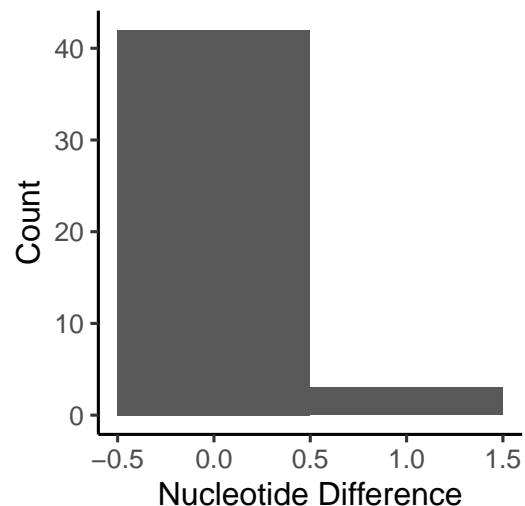
IGKV2/OR22-4*01

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



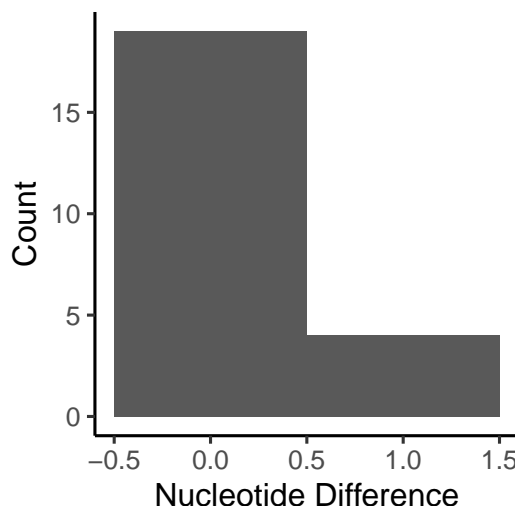
IGKV2-24*01

45 sequences assigned
42 (93.3%) exact matches, in which:
38 unique CDR3
6 unique J



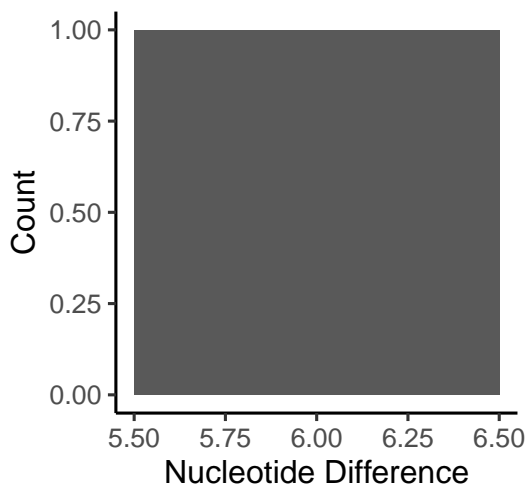
IGKV1-17*03

23 sequences assigned
19 (82.6%) exact matches, in which:
17 unique CDR3
4 unique J



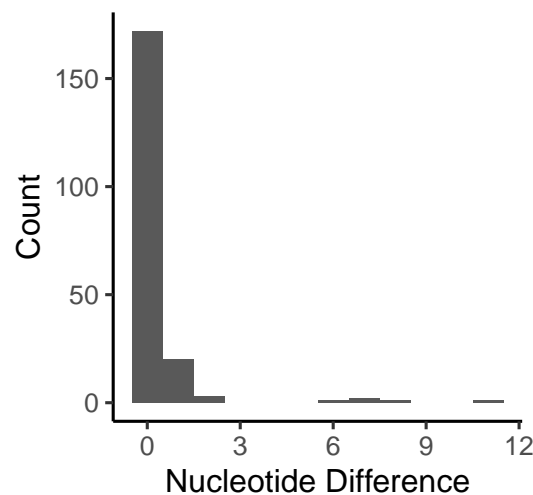
IGKV1/OR22-5*02

1 sequences assigned
No exact matches.



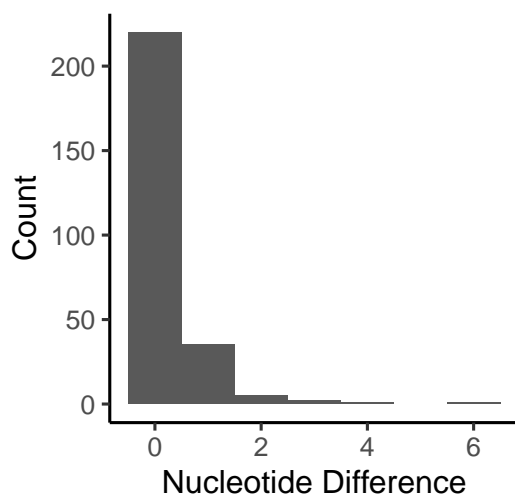
IGKV2-30*01

200 sequences assigned
172 (86%) exact matches, in which:
151 unique CDR3
6 unique J



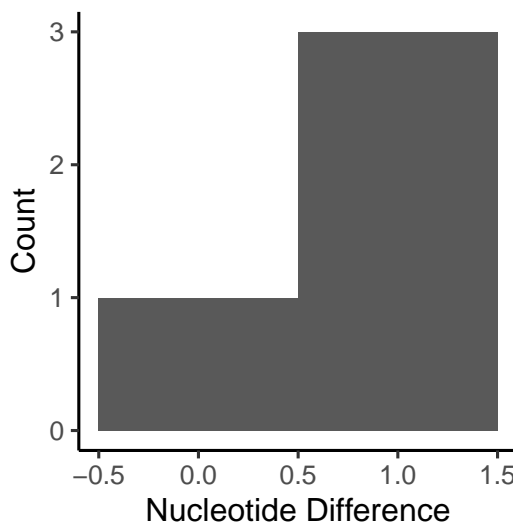
IGKV1-27*01

265 sequences assigned
220 (83%) exact matches, in which:
181 unique CDR3
6 unique J



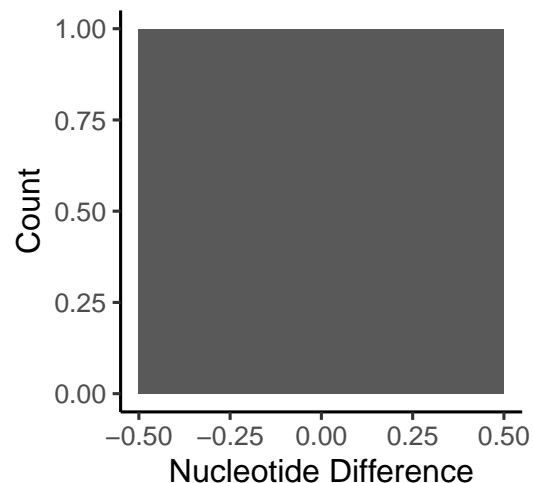
IGKV2-18*01

4 sequences assigned
1 (25%) exact matches, in which:
1 unique CDR3
1 unique J



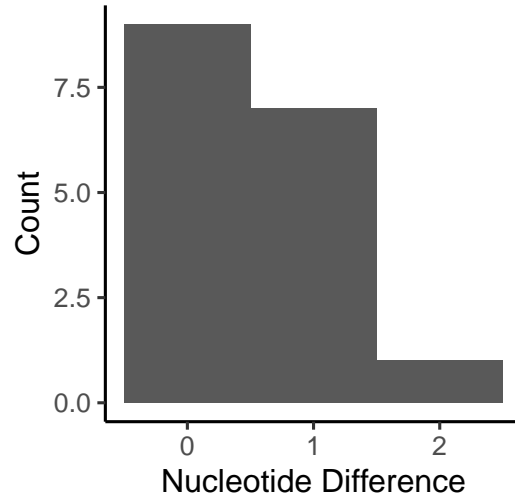
IGKV1/OR2-108*01

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



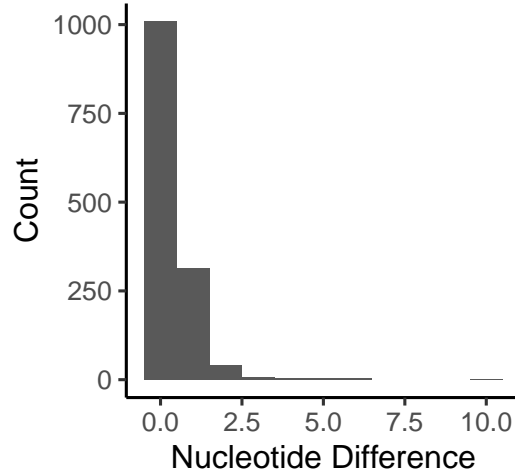
IGKV3-7*04

17 sequences assigned
9 (52.9%) exact matches, in which:
9 unique CDR3
3 unique J



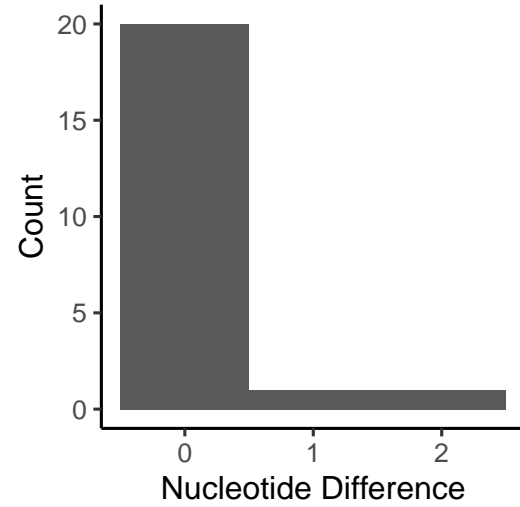
IGKV3-20*01

1385 sequences assigned
1009 (72.9%) exact matches, in which:
839 unique CDR3
6 unique J



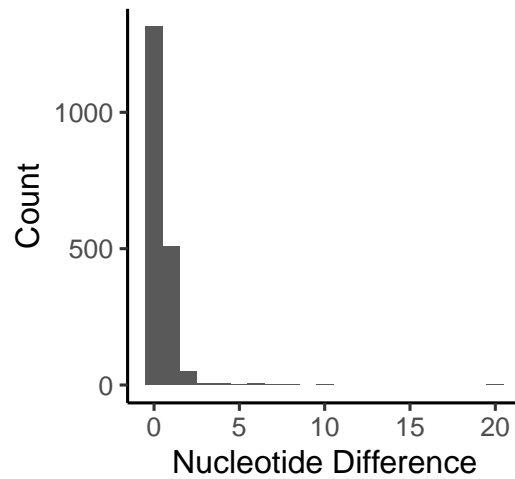
IGKV5-2*01_C214T

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



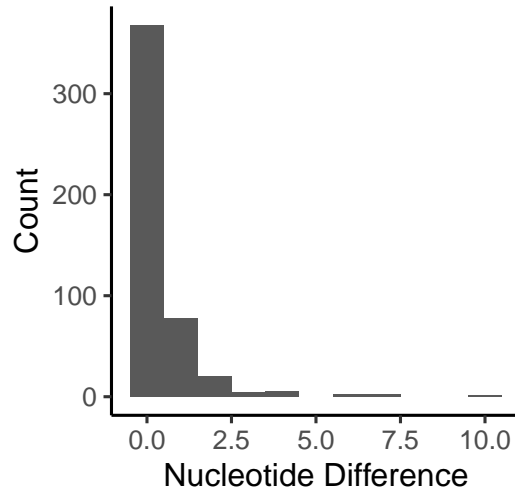
IGKV3-11*01

1899 sequences assigned
1314 (69.2%) exact matches, in which:
1020 unique CDR3
6 unique J



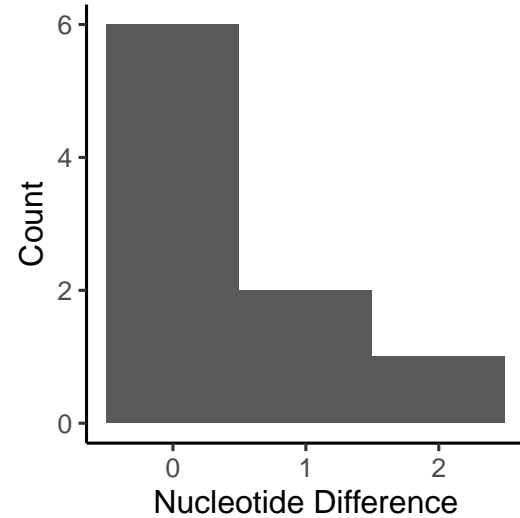
IGKV4-1*01

480 sequences assigned
368 (76.7%) exact matches, in which:
299 unique CDR3
6 unique J



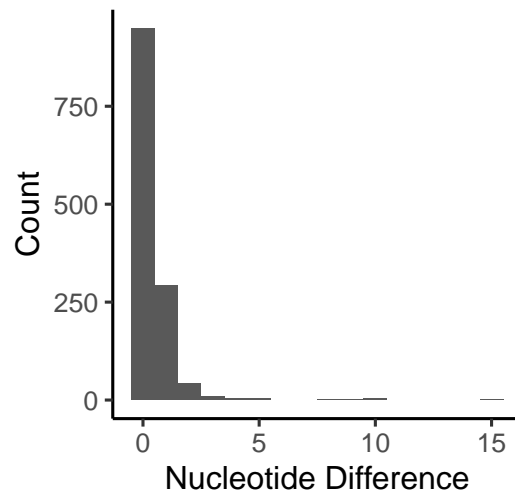
IGKV3D-7*01

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



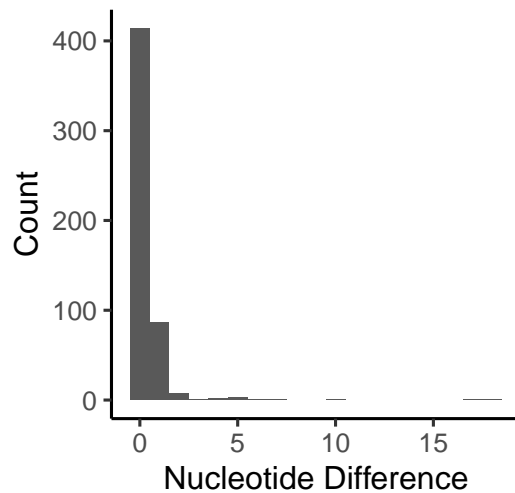
IGKV3-15*01

1312 sequences assigned
949 (72.3%) exact matches, in which:
766 unique CDR3
6 unique J



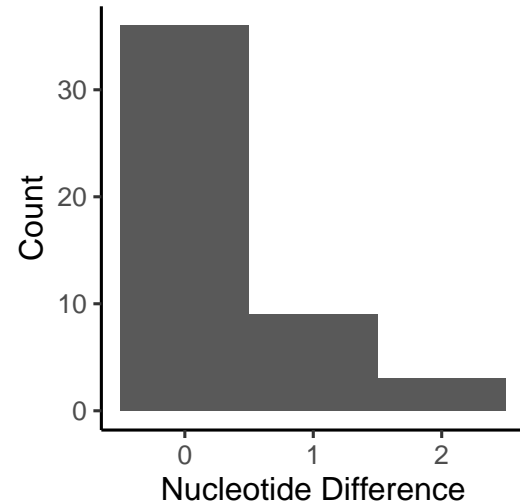
IGKV4-1*01_A318G

518 sequences assigned
414 (79.9%) exact matches, in which:
326 unique CDR3
6 unique J



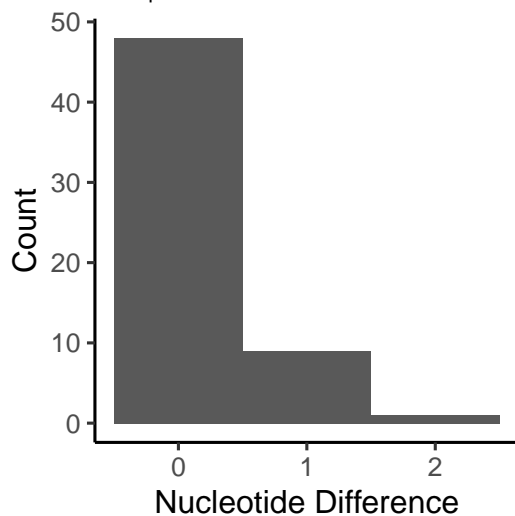
IGKV1D-8*02

48 sequences assigned
36 (75%) exact matches, in which:
36 unique CDR3
5 unique J



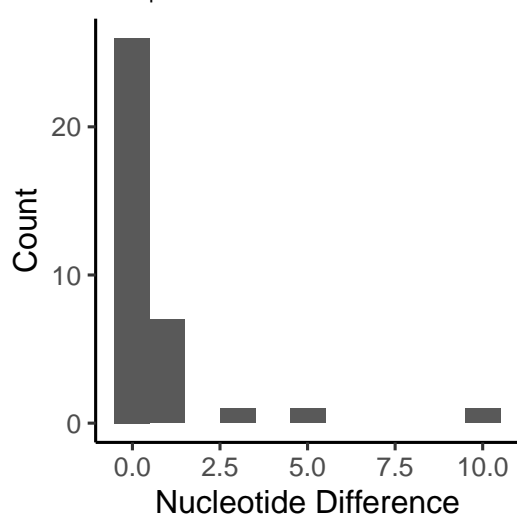
IGKV1D-8*03

58 sequences assigned
48 (82.8%) exact matches, in which:
42 unique CDR3
5 unique J



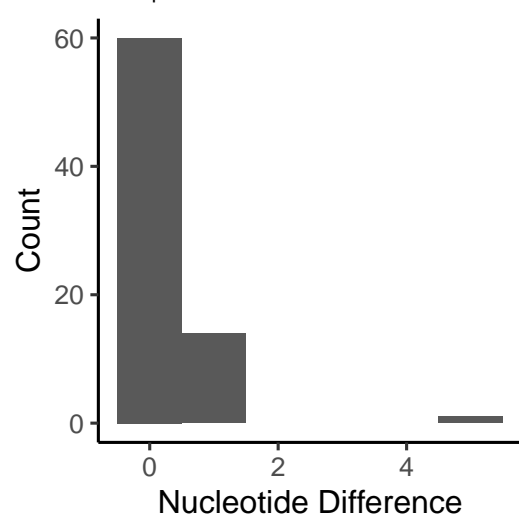
IGKV3D-15*03

36 sequences assigned
26 (72.2%) exact matches, in which:
25 unique CDR3
5 unique J



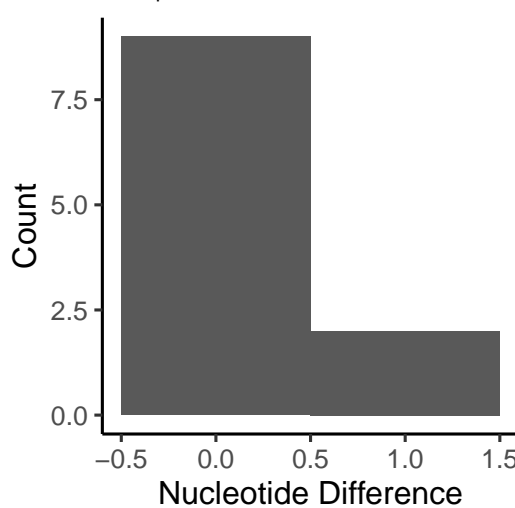
IGKV3D-20*01

75 sequences assigned
60 (80%) exact matches, in which:
57 unique CDR3
6 unique J



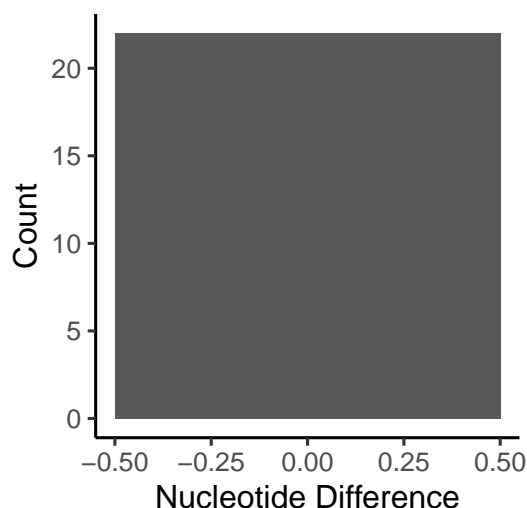
IGKV3D-11*02

11 sequences assigned
9 (81.8%) exact matches, in which:
9 unique CDR3
5 unique J



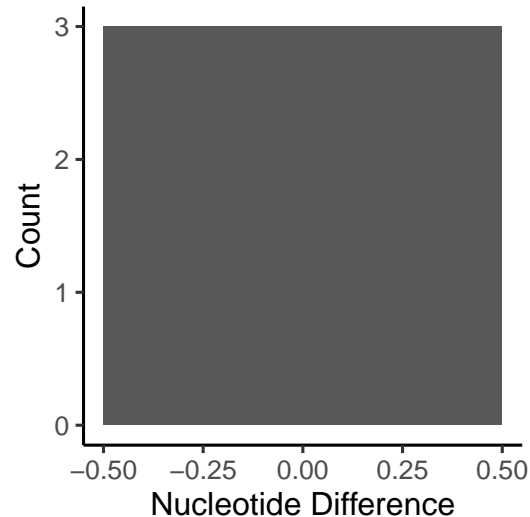
IGKV1D-16*01

22 sequences assigned
22 (100%) exact matches, in which:
19 unique CDR3
5 unique J



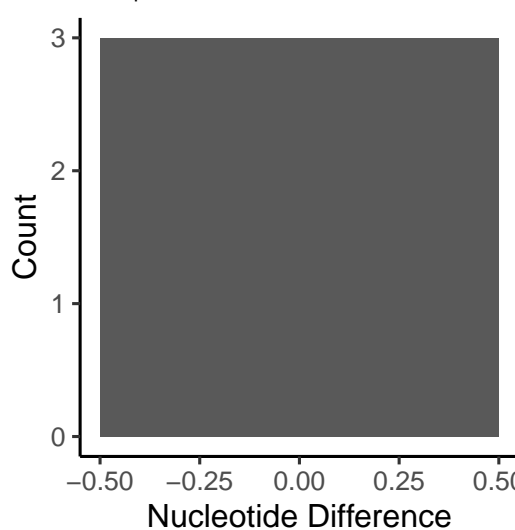
IGKV2D-24*01

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



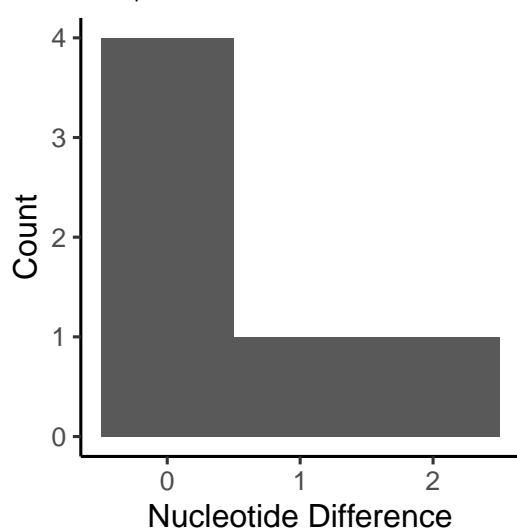
IGKV3D-15*01

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



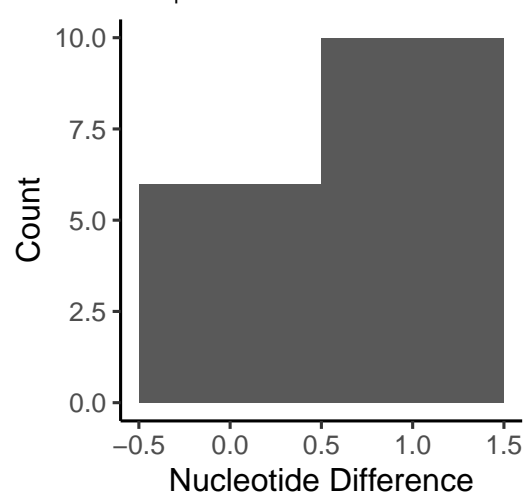
IGKV1D-16*02

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
1 unique J



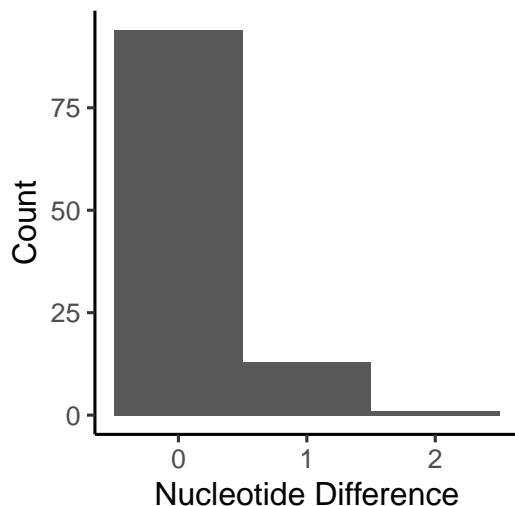
IGKV2D-26*03

16 sequences assigned
6 (37.5%) exact matches, in which:
6 unique CDR3
4 unique J



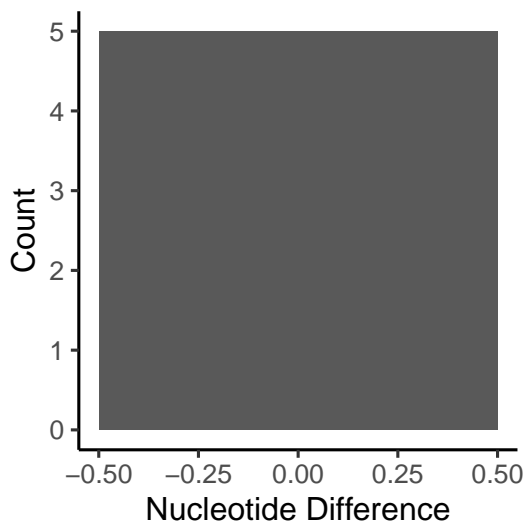
IGKV2D-29*01

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



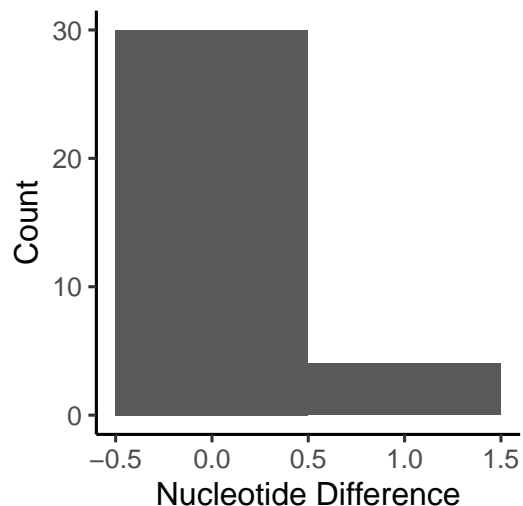
IGKV6D-41*01

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



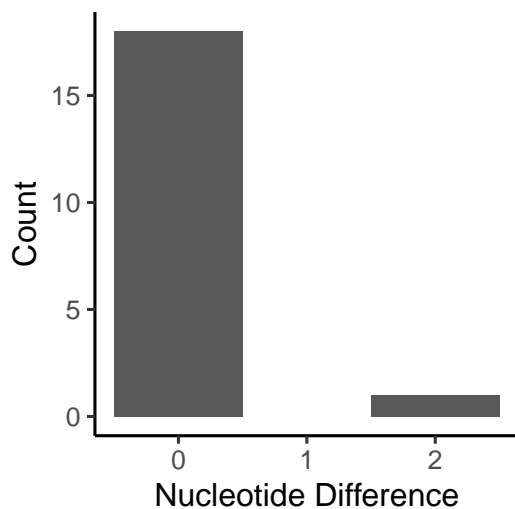
IGKV1E-12*02

34 sequences assigned
30 (88.2%) exact matches, in which:
25 unique CDR3
5 unique J



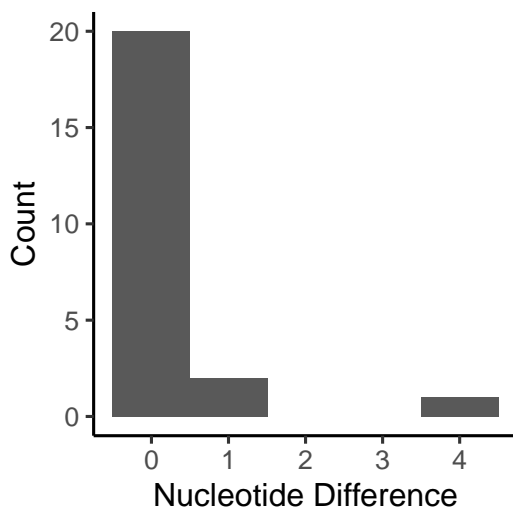
IGKV2D-29*02

19 sequences assigned
18 (94.7%) exact matches, in which:
17 unique CDR3
4 unique J



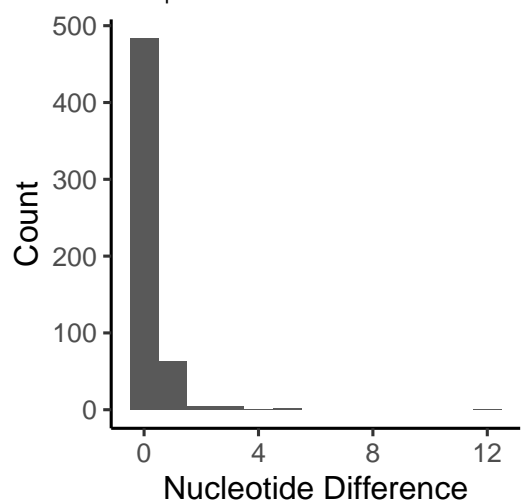
IGKV1D-43*01

23 sequences assigned
20 (87%) exact matches, in which:
20 unique CDR3
4 unique J



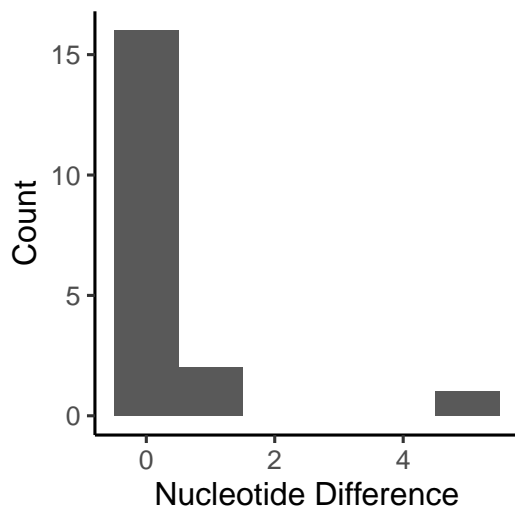
IGKV1E-13*02

560 sequences assigned
484 (86.4%) exact matches, in which:
412 unique CDR3
6 unique J



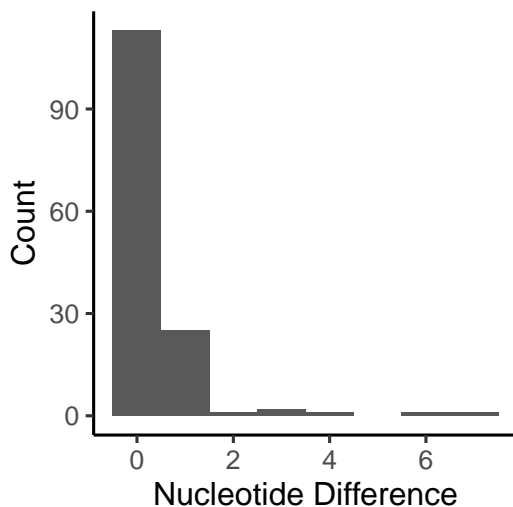
IGKV2D-30*01

19 sequences assigned
16 (84.2%) exact matches, in which:
16 unique CDR3
5 unique J



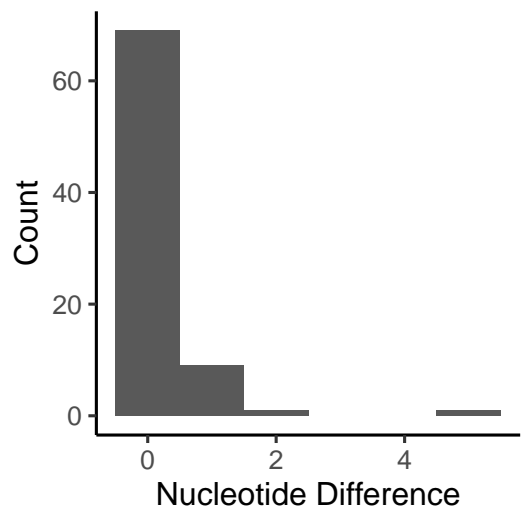
IGKV1E-12*01

144 sequences assigned
113 (78.5%) exact matches, in which:
78 unique CDR3
6 unique J



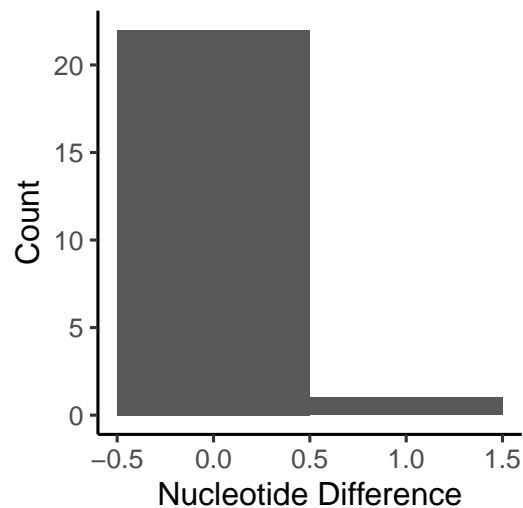
IGKV6E-21*01

80 sequences assigned
69 (86.2%) exact matches, in which:
62 unique CDR3
6 unique J



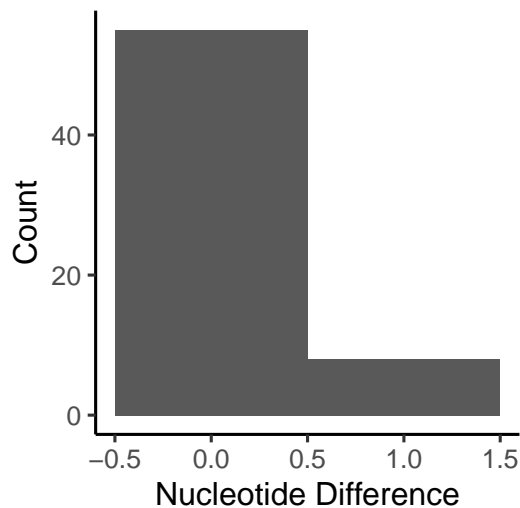
IGKV6E-21*03

23 sequences assigned
22 (95.7%) exact matches, in which:
20 unique CDR3
5 unique J



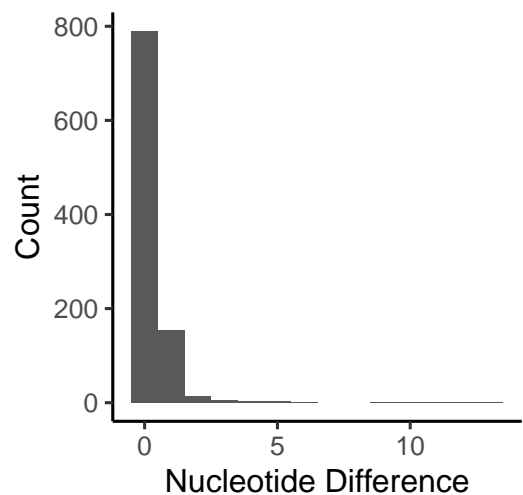
IGKV1E-37*01

63 sequences assigned
55 (87.3%) exact matches, in which:
52 unique CDR3
6 unique J



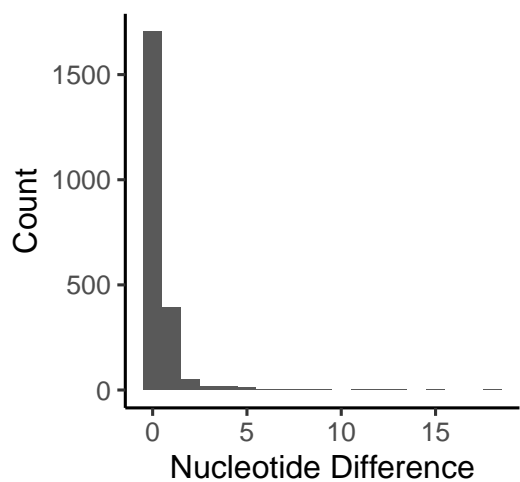
IGKV2E-28*01

977 sequences assigned
790 (80.9%) exact matches, in which:
640 unique CDR3
6 unique J



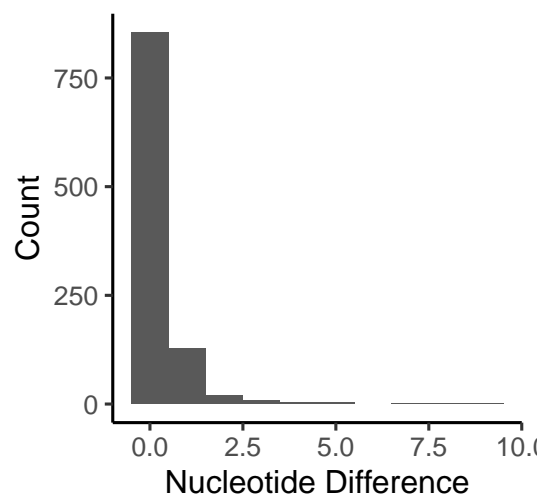
IGKV1E-39*01

2211 sequences assigned
1704 (77.1%) exact matches, in which:
1309 unique CDR3
6 unique J



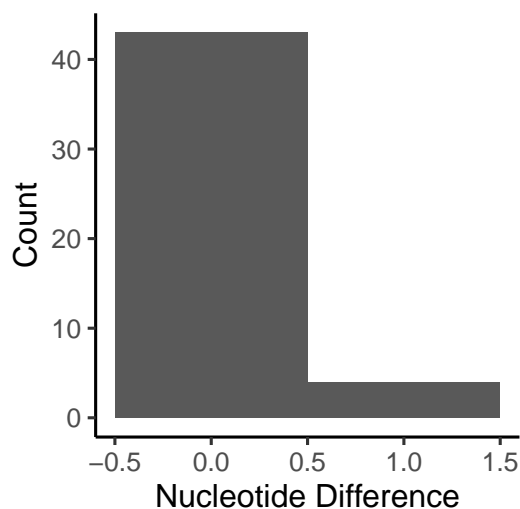
IGKV1E-33*01

1018 sequences assigned
855 (84%) exact matches, in which:
674 unique CDR3
6 unique J

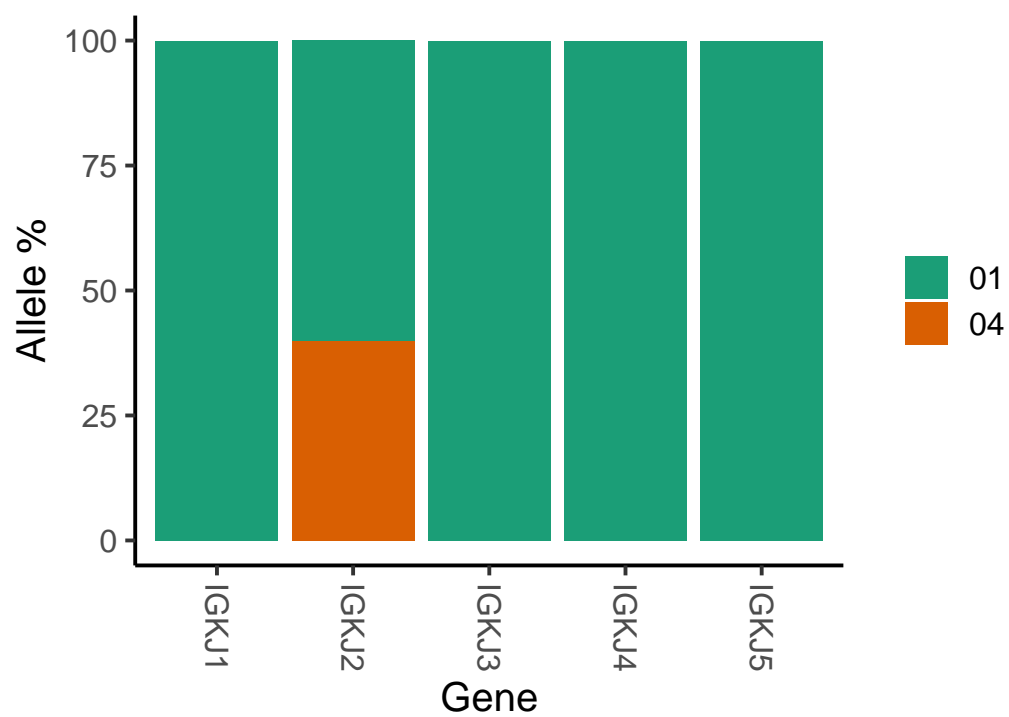


IGKV2E-40*01

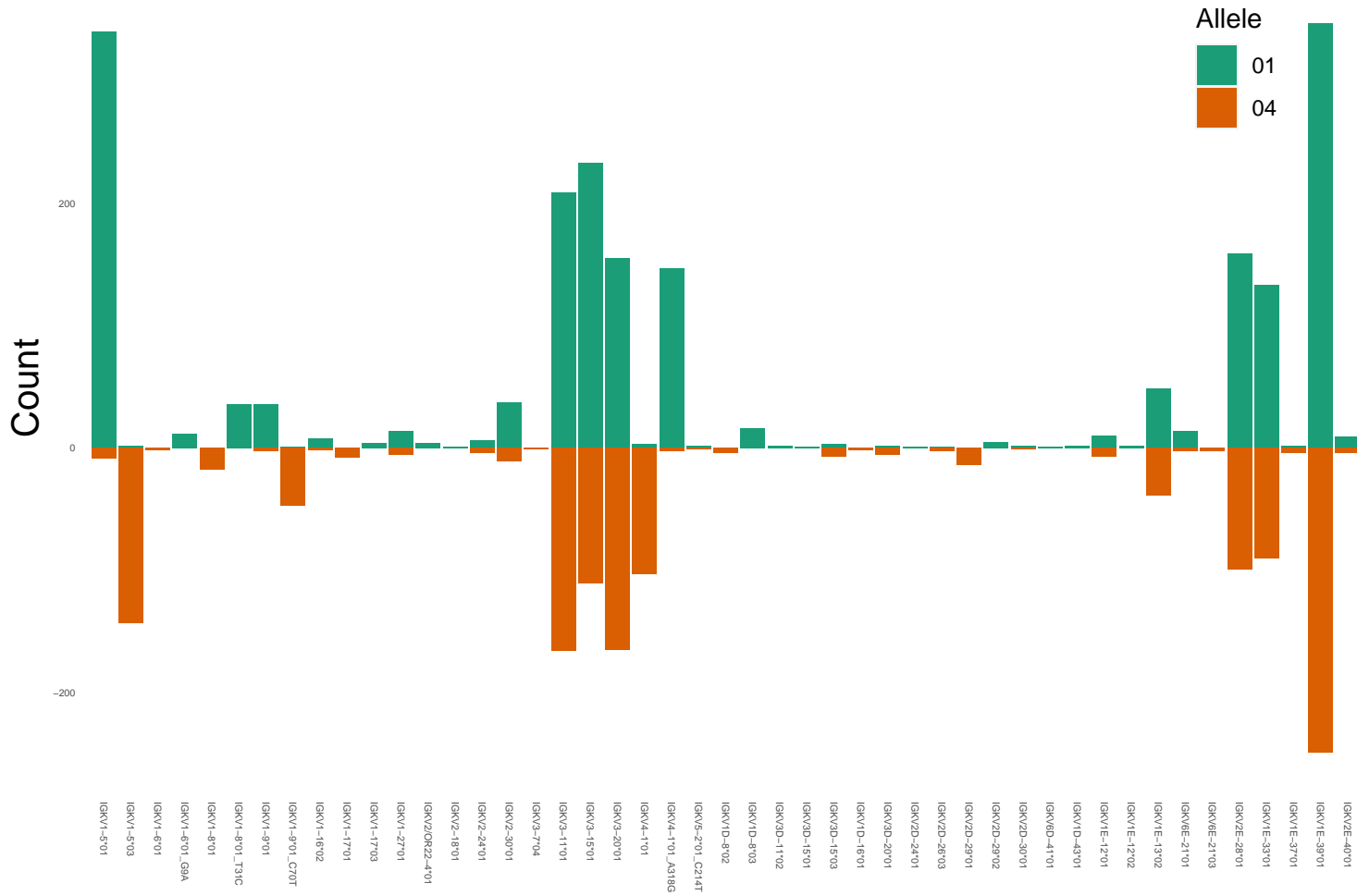
47 sequences assigned
43 (91.5%) exact matches, in which:
38 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.