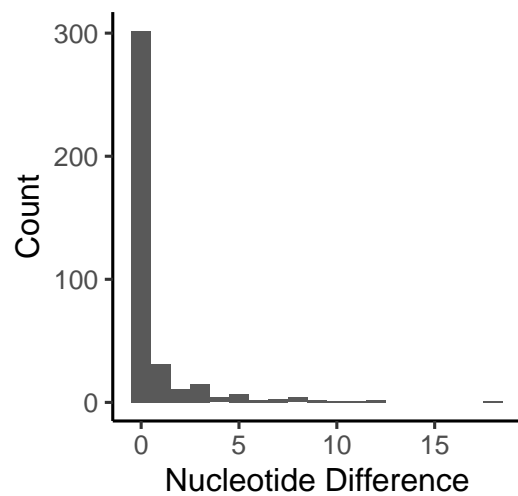


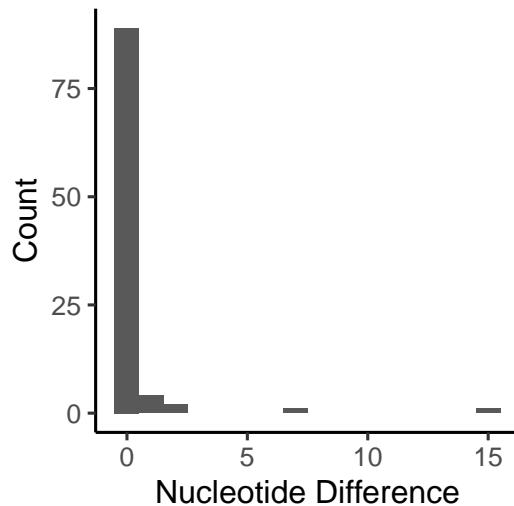
IGKV1-5*03

387 sequences assigned
302 (78%) exact matches, in which:
269 unique CDR3
6 unique J



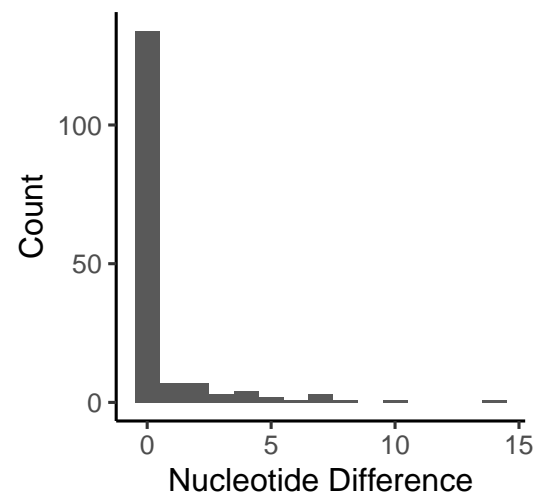
IGKV1-8*01

97 sequences assigned
89 (91.8%) exact matches, in which:
79 unique CDR3
5 unique J



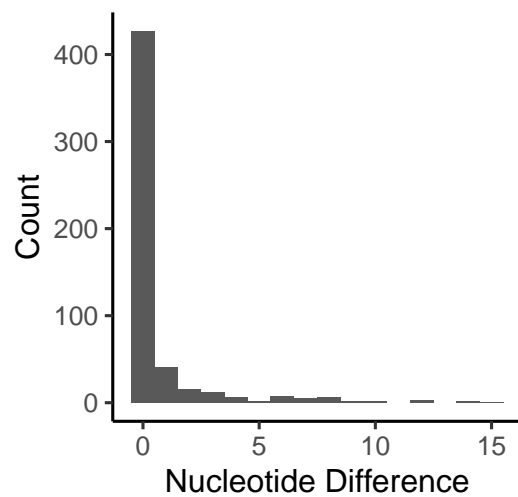
IGKV1-9*01_C70T

165 sequences assigned
134 (81.2%) exact matches, in which:
119 unique CDR3
6 unique J



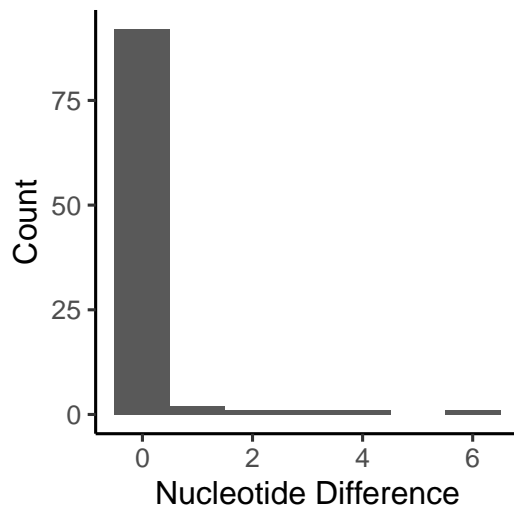
IGKV1-5*03_G171A

531 sequences assigned
427 (80.4%) exact matches, in which:
379 unique CDR3
6 unique J



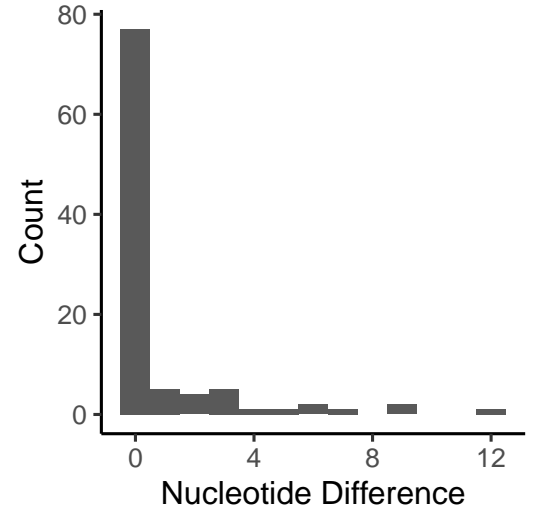
IGKV1-8*01_G12A_T31C

98 sequences assigned
92 (93.9%) exact matches, in which:
79 unique CDR3
5 unique J



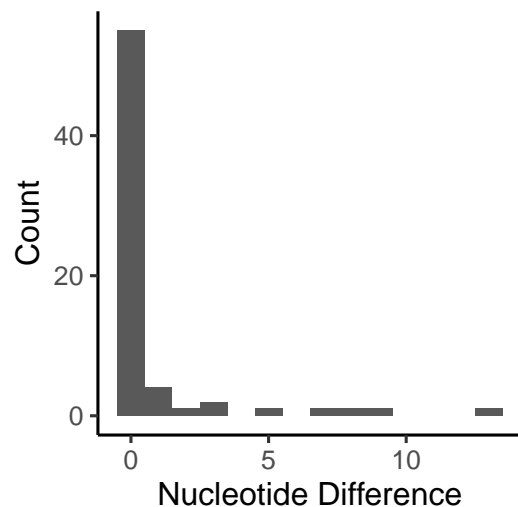
IGKV1-16*02

99 sequences assigned
77 (77.8%) exact matches, in which:
63 unique CDR3
5 unique J



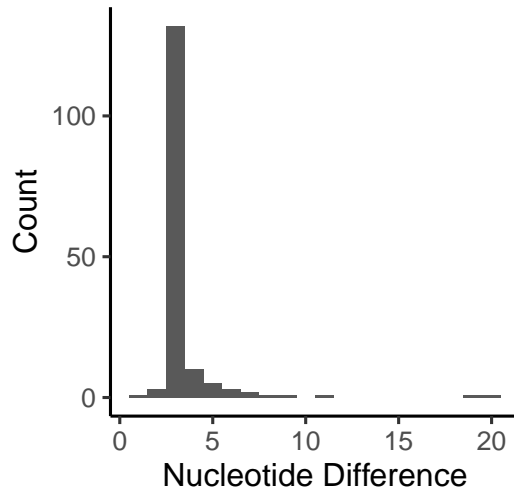
IGKV1-6*01

67 sequences assigned
55 (82.1%) exact matches, in which:
44 unique CDR3
6 unique J



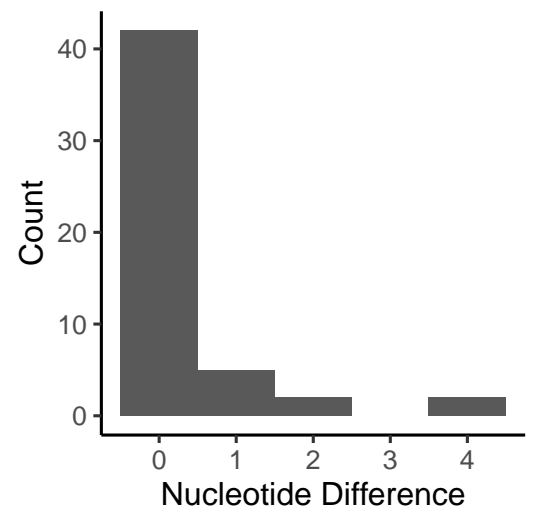
IGKV1-9*01

161 sequences assigned
No exact matches.



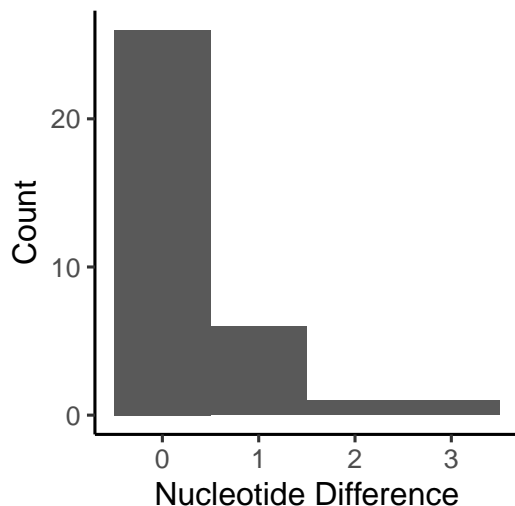
IGKV1-17*01

51 sequences assigned
42 (82.4%) exact matches, in which:
39 unique CDR3
5 unique J



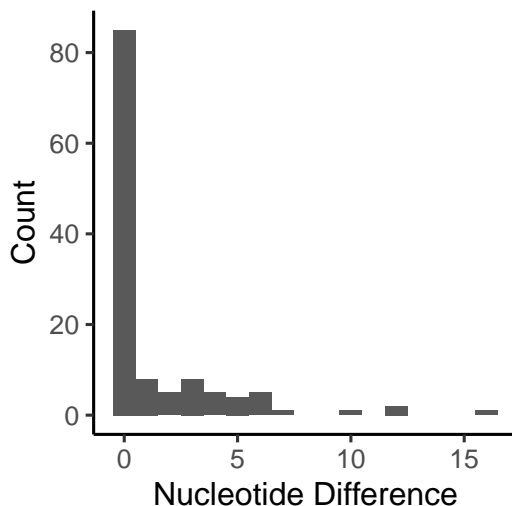
IGKV1-17*03

34 sequences assigned
26 (76.5%) exact matches, in which:
24 unique CDR3
4 unique J



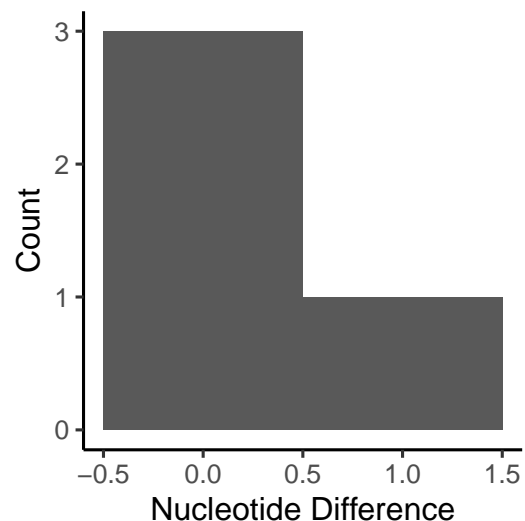
IGKV1-NL1*01

126 sequences assigned
85 (67.5%) exact matches, in which:
79 unique CDR3
5 unique J



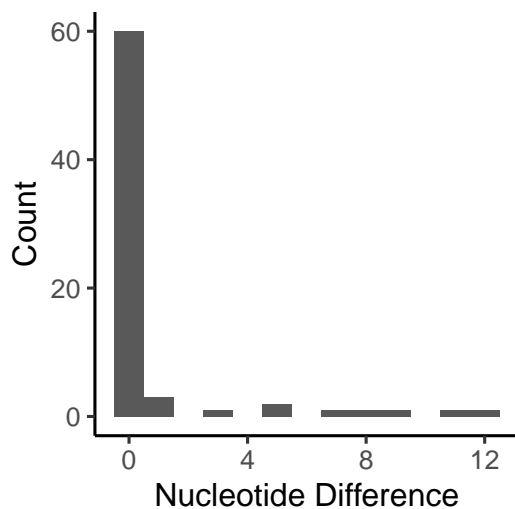
IGKV2-18*01

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
2 unique J



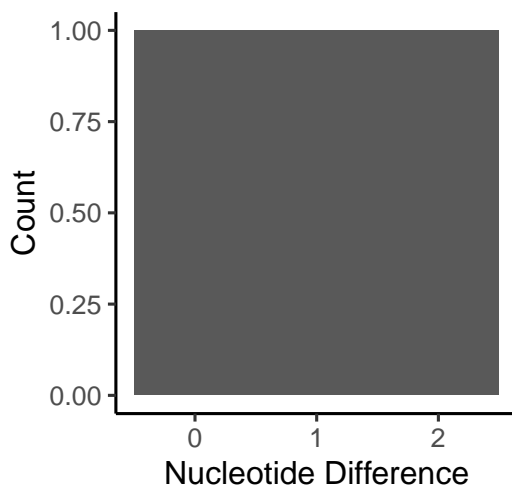
IGKV1-27*01

71 sequences assigned
60 (84.5%) exact matches, in which:
51 unique CDR3
5 unique J



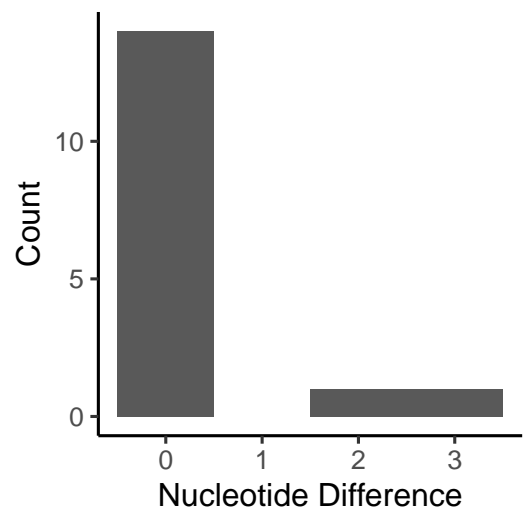
IGKV2/OR22-4*01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



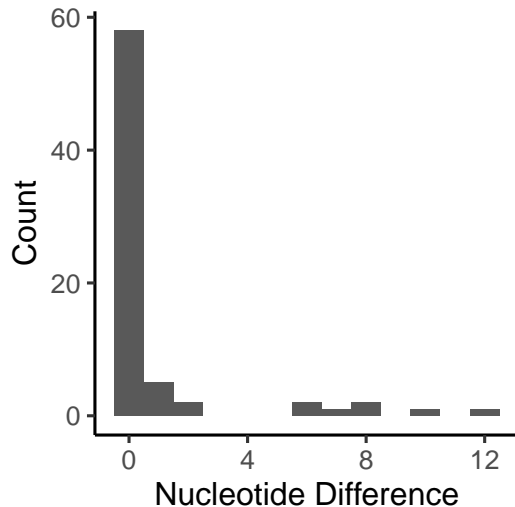
IGKV2-24*01

16 sequences assigned
14 (87.5%) exact matches, in which:
14 unique CDR3
5 unique J



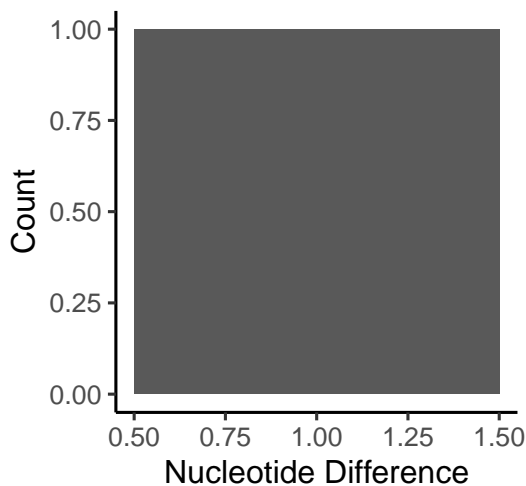
IGKV1-27*01_T231C

72 sequences assigned
58 (80.6%) exact matches, in which:
55 unique CDR3
5 unique J



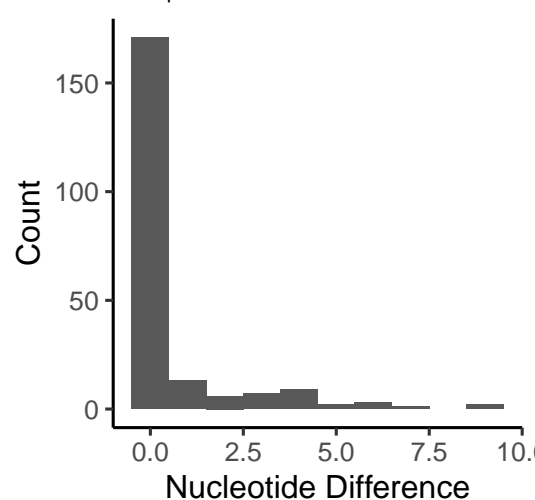
IGKV2-4*01

1 sequences assigned
No exact matches.



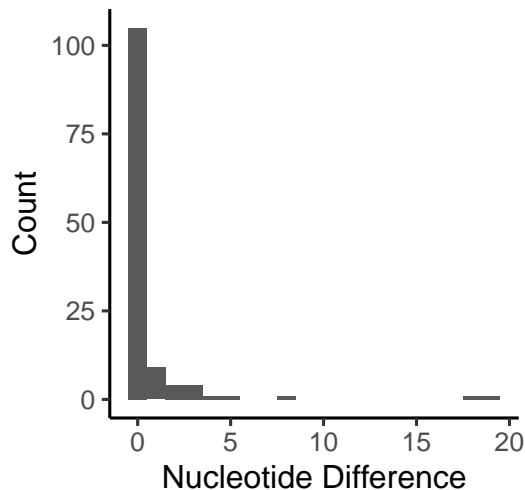
IGKV2-29*02

216 sequences assigned
171 (79.2%) exact matches, in which:
152 unique CDR3
5 unique J



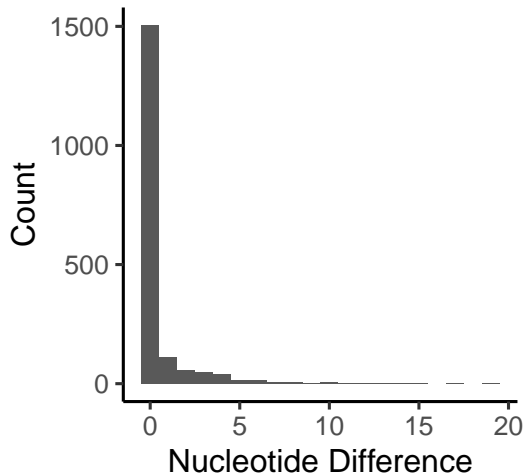
IGKV2–30*01

127 sequences assigned
105 (82.7%) exact matches, in which:
97 unique CDR3
5 unique J



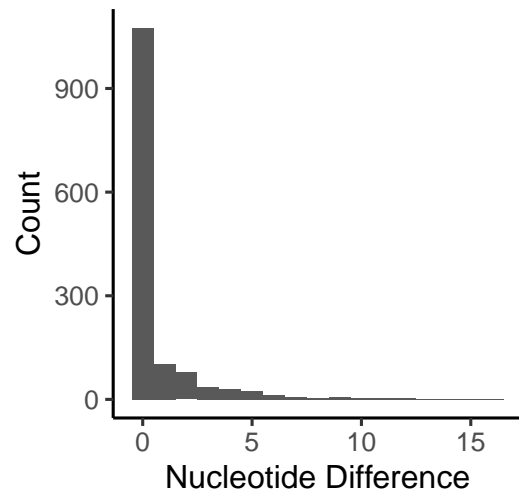
IGKV3–11*01

1823 sequences assigned
1504 (82.5%) exact matches, in which:
1133 unique CDR3
6 unique J



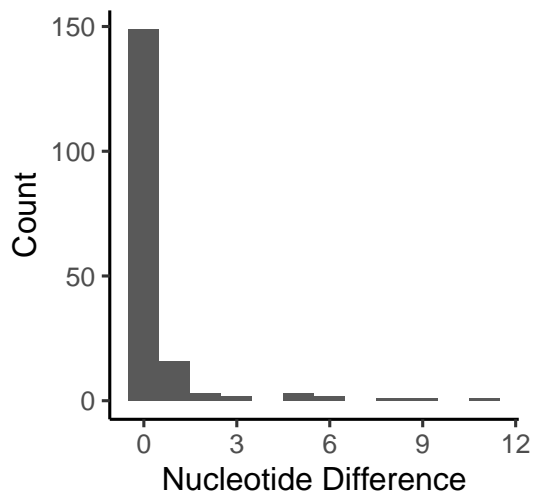
IGKV4–1*01

1399 sequences assigned
1076 (76.9%) exact matches, in which:
774 unique CDR3
6 unique J



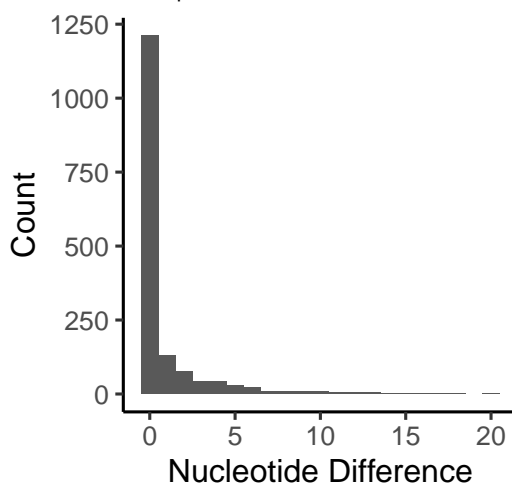
IGKV2–30*02

178 sequences assigned
149 (83.7%) exact matches, in which:
135 unique CDR3
6 unique J



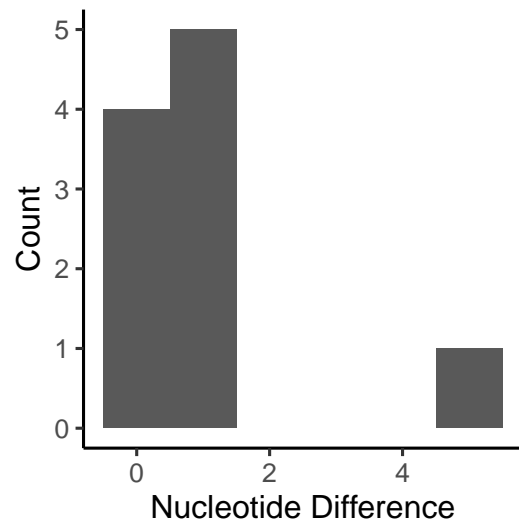
IGKV3–15*01

1622 sequences assigned
1211 (74.7%) exact matches, in which:
922 unique CDR3
6 unique J



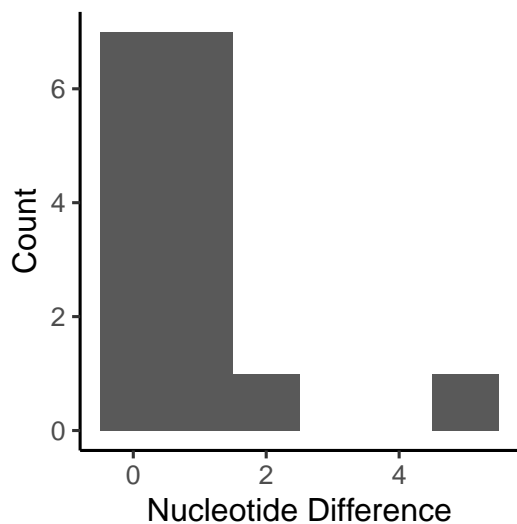
IGKV5–2*01_C214T

10 sequences assigned
4 (40%) exact matches, in which:
4 unique CDR3
2 unique J



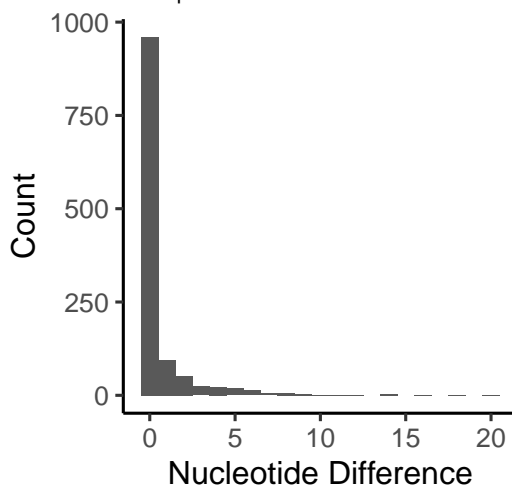
IGKV3–7*04

16 sequences assigned
7 (43.8%) exact matches, in which:
6 unique CDR3
2 unique J



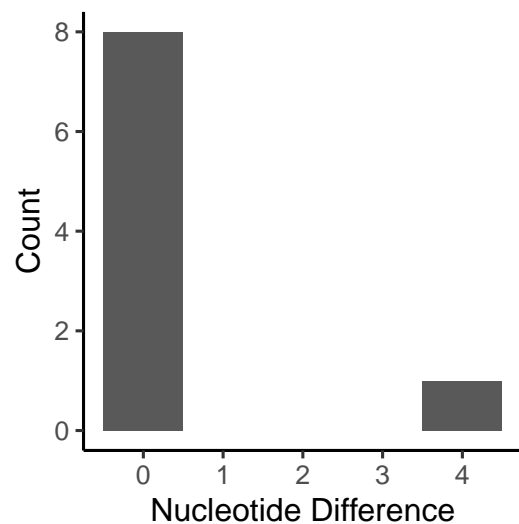
IGKV3–20*01

1209 sequences assigned
960 (79.4%) exact matches, in which:
747 unique CDR3
6 unique J



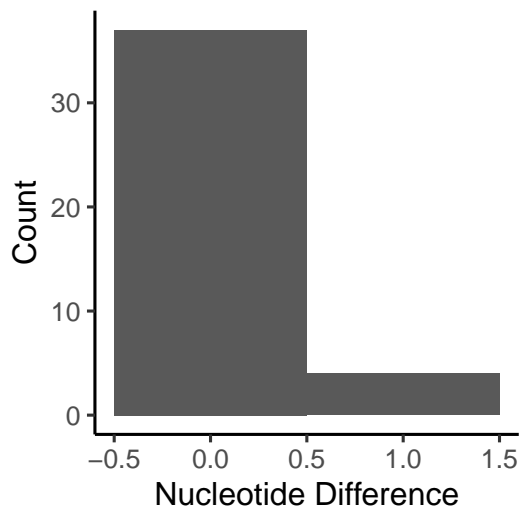
IGKV3D–7*01

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



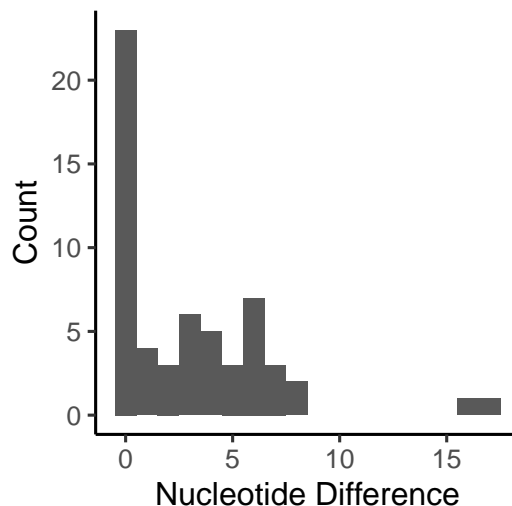
IGKV1D-8*01

41 sequences assigned
37 (90.2%) exact matches, in which:
26 unique CDR3
4 unique J



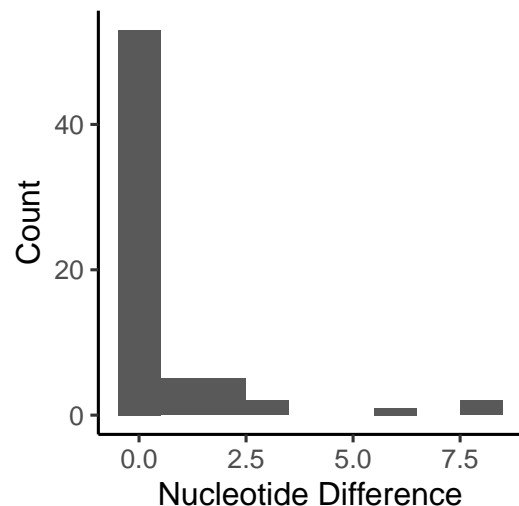
IGKV3D-15*01

60 sequences assigned
23 (38.3%) exact matches, in which:
20 unique CDR3
5 unique J



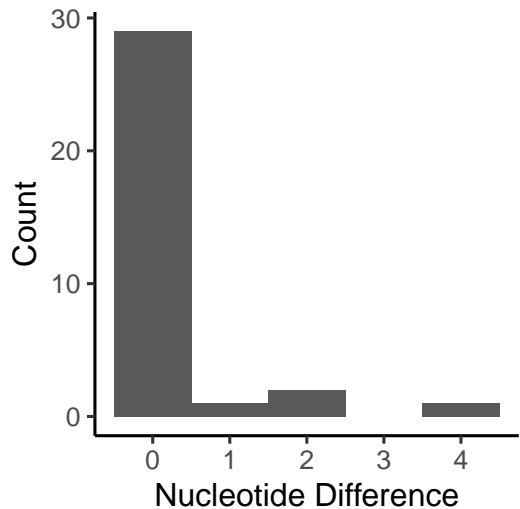
IGKV3D-20*01

68 sequences assigned
53 (77.9%) exact matches, in which:
48 unique CDR3
6 unique J



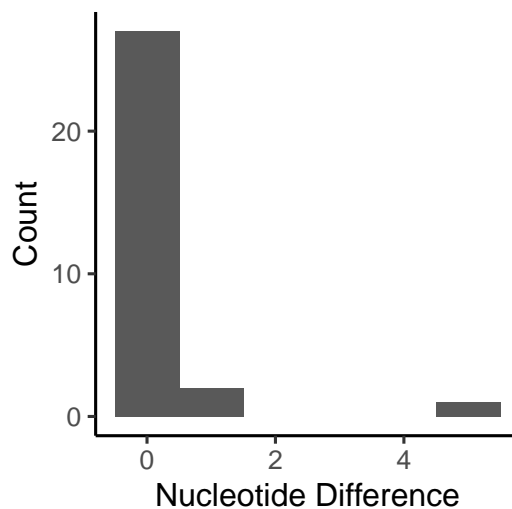
IGKV1D-8*02

33 sequences assigned
29 (87.9%) exact matches, in which:
25 unique CDR3
4 unique J



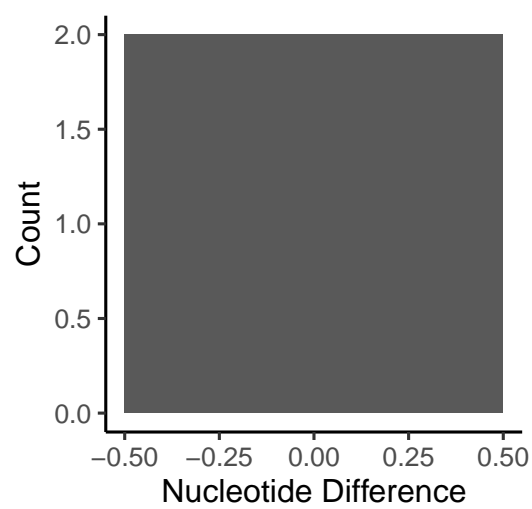
IGKV3D-15*03

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



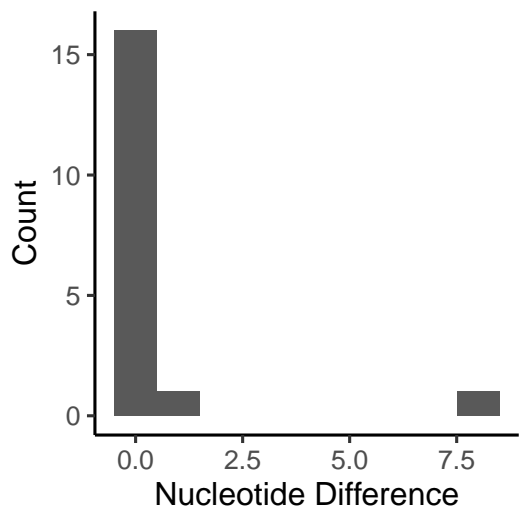
IGKV2D-24*01

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



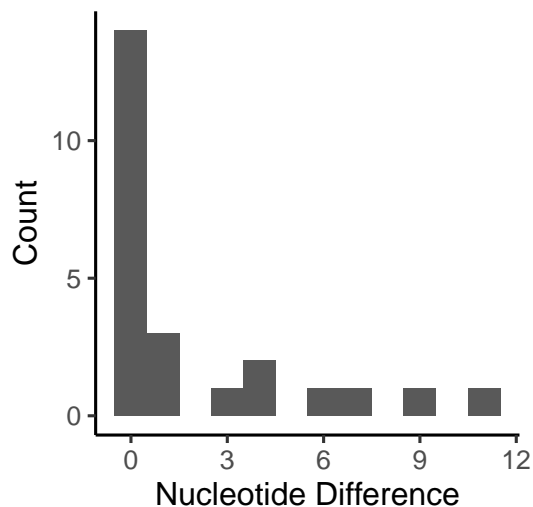
IGKV3D-11*02

18 sequences assigned
16 (88.9%) exact matches, in which:
16 unique CDR3
5 unique J



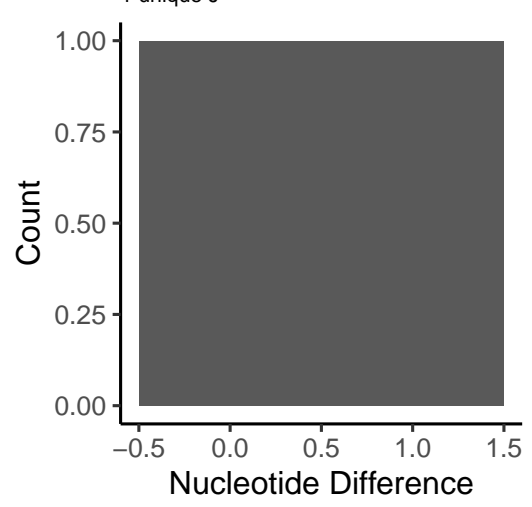
IGKV1D-16*01

24 sequences assigned
14 (58.3%) exact matches, in which:
11 unique CDR3
6 unique J



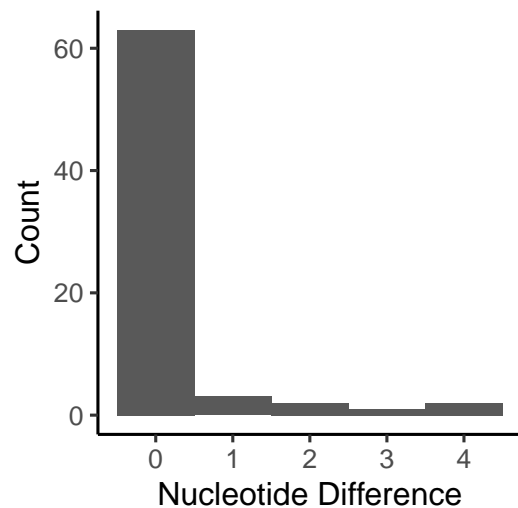
IGKV2D-26*03

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



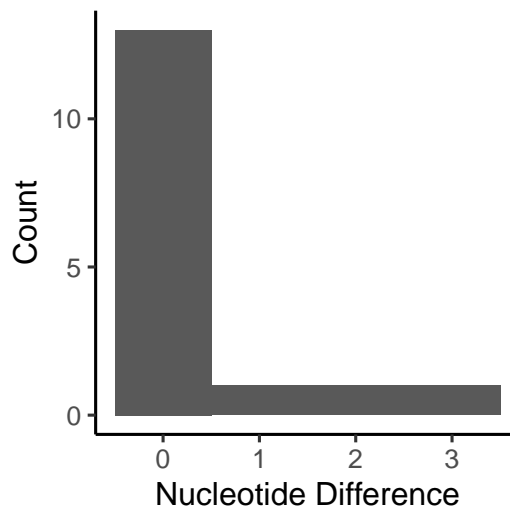
IGKV2D-29*01

71 sequences assigned
63 (88.7%) exact matches, in which:
60 unique CDR3
5 unique J



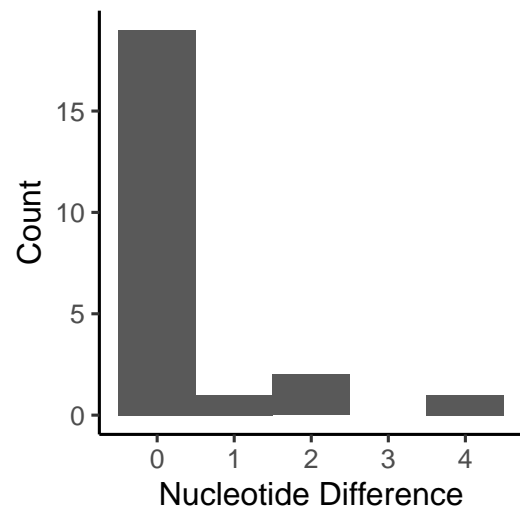
IGKV1D-43*01

16 sequences assigned
13 (81.2%) exact matches, in which:
13 unique CDR3
5 unique J



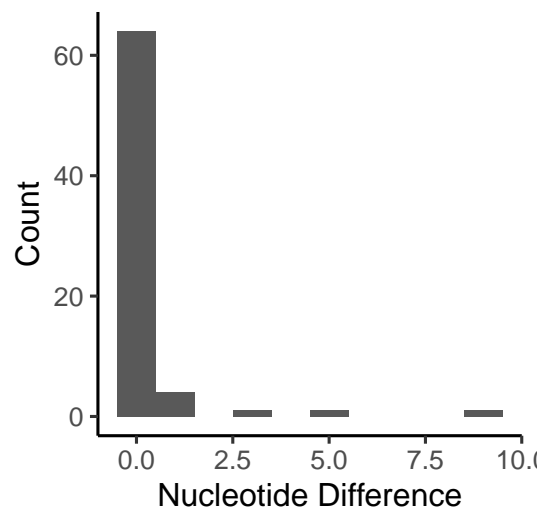
IGKV1E-12*03

25 sequences assigned
19 (76%) exact matches, in which:
17 unique CDR3
5 unique J



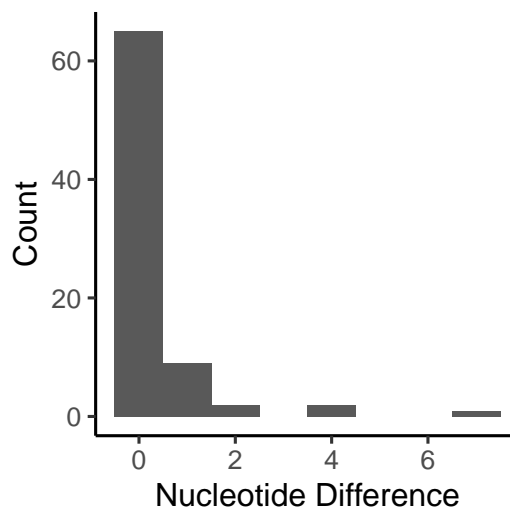
IGKV2D-29*02

71 sequences assigned
64 (90.1%) exact matches, in which:
62 unique CDR3
5 unique J



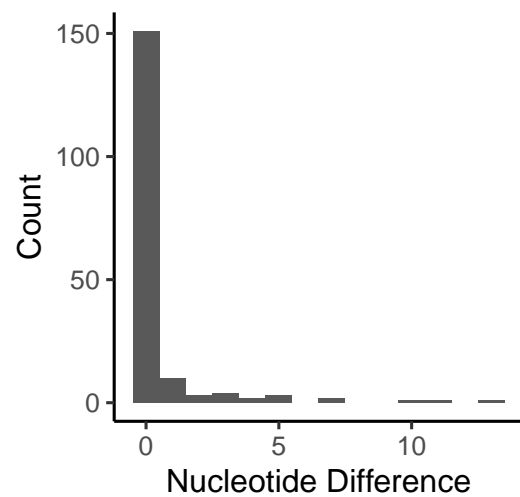
IGKV1E-12*01

79 sequences assigned
65 (82.3%) exact matches, in which:
42 unique CDR3
6 unique J



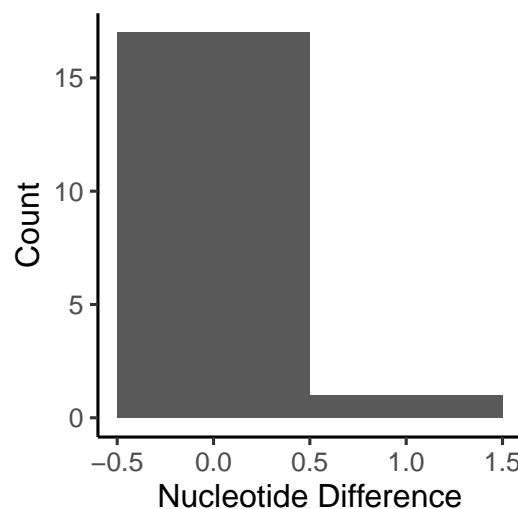
IGKV1E-13*02

178 sequences assigned
151 (84.8%) exact matches, in which:
128 unique CDR3
6 unique J



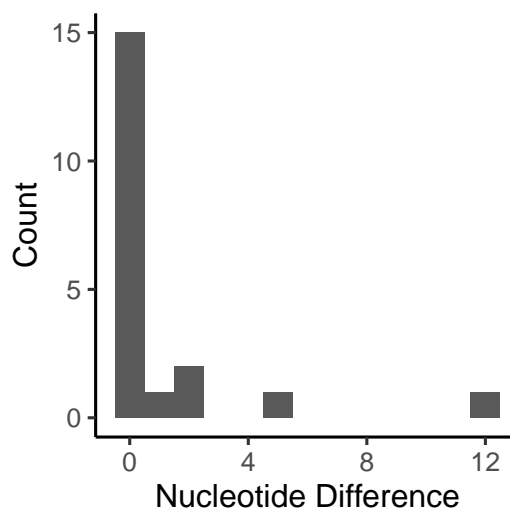
IGKV2D-30*01

18 sequences assigned
17 (94.4%) exact matches, in which:
17 unique CDR3
6 unique J



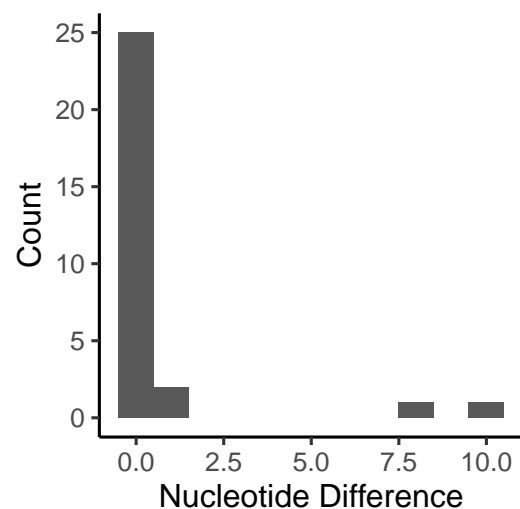
IGKV1E-12*02

20 sequences assigned
15 (75%) exact matches, in which:
12 unique CDR3
5 unique J



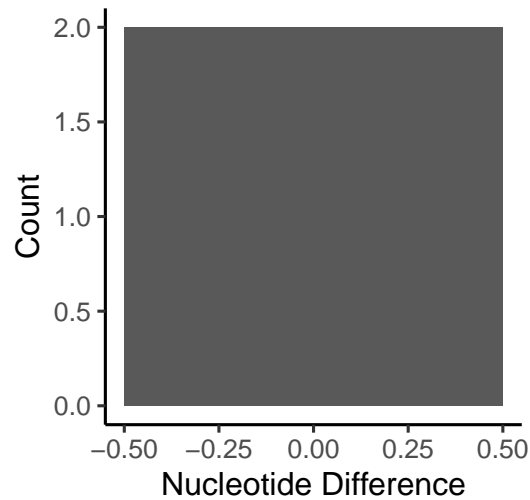
IGKV1E-13*03

29 sequences assigned
25 (86.2%) exact matches, in which:
22 unique CDR3
5 unique J



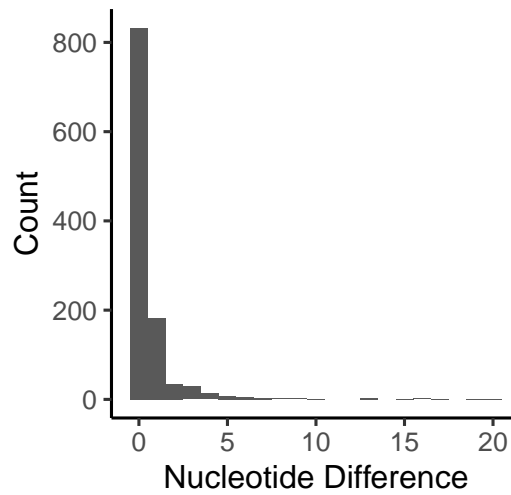
IGKV6E-21*01

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



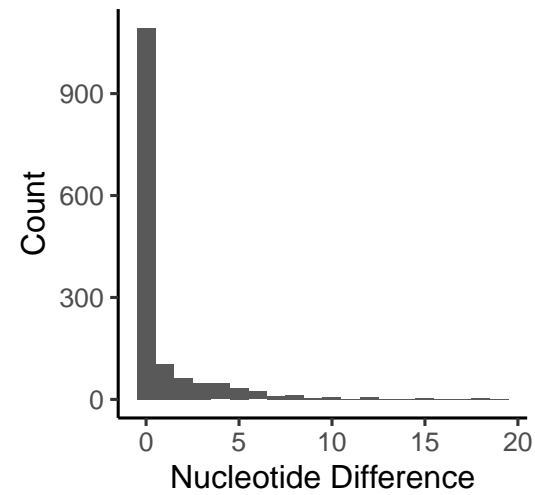
IGKV2E-28*01

1123 sequences assigned
833 (74.2%) exact matches, in which:
648 unique CDR3
6 unique J



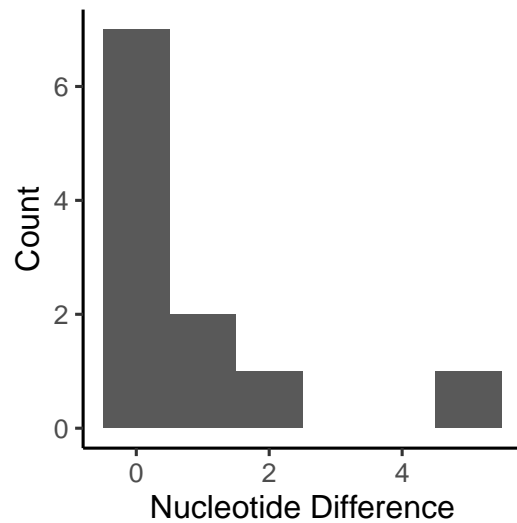
IGKV1E-39*01

1481 sequences assigned
1094 (73.9%) exact matches, in which:
787 unique CDR3
6 unique J



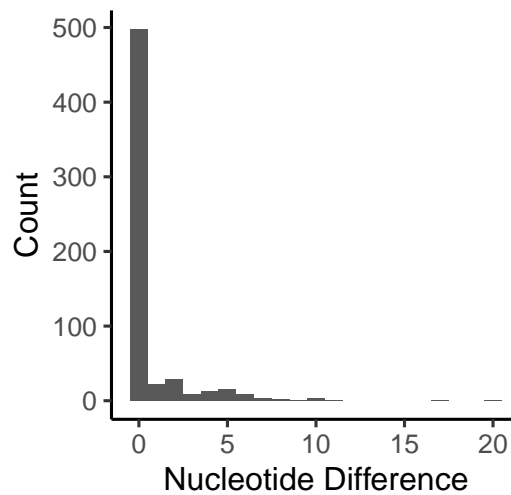
IGKV6E-21*02

11 sequences assigned
7 (63.6%) exact matches, in which:
5 unique CDR3
2 unique J



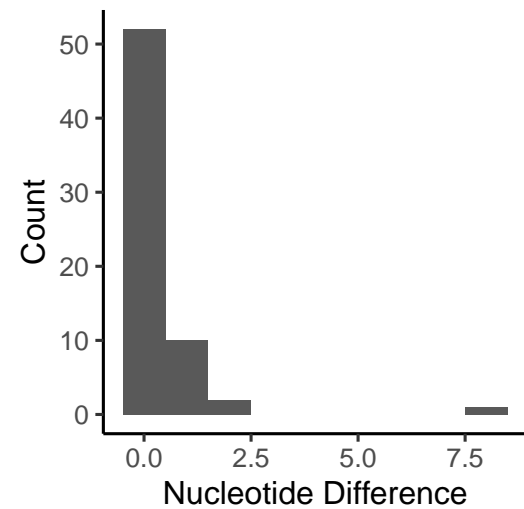
IGKV1E-33*01

607 sequences assigned
498 (82%) exact matches, in which:
376 unique CDR3
6 unique J



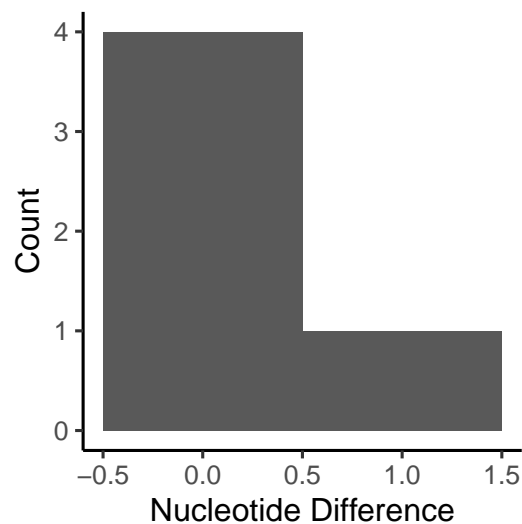
IGKV2E-40*01

65 sequences assigned
52 (80%) exact matches, in which:
47 unique CDR3
6 unique J



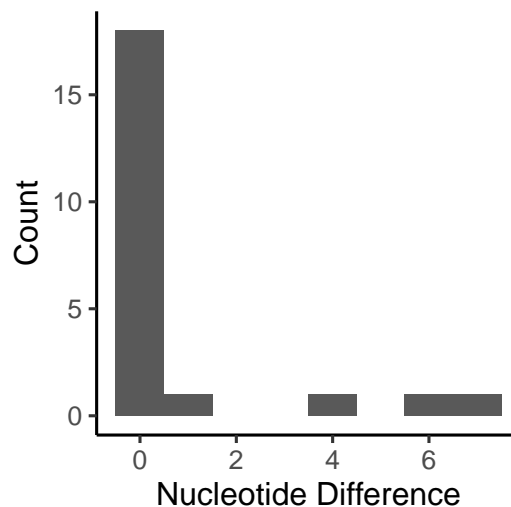
IGKV6E-21*03

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

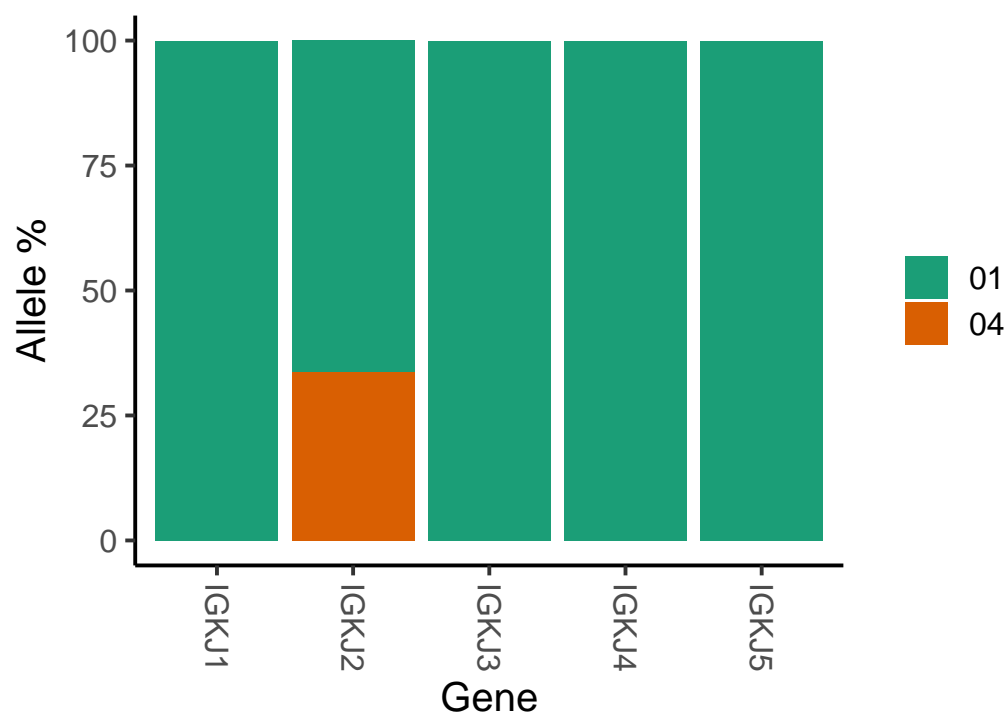


IGKV1E-37*01

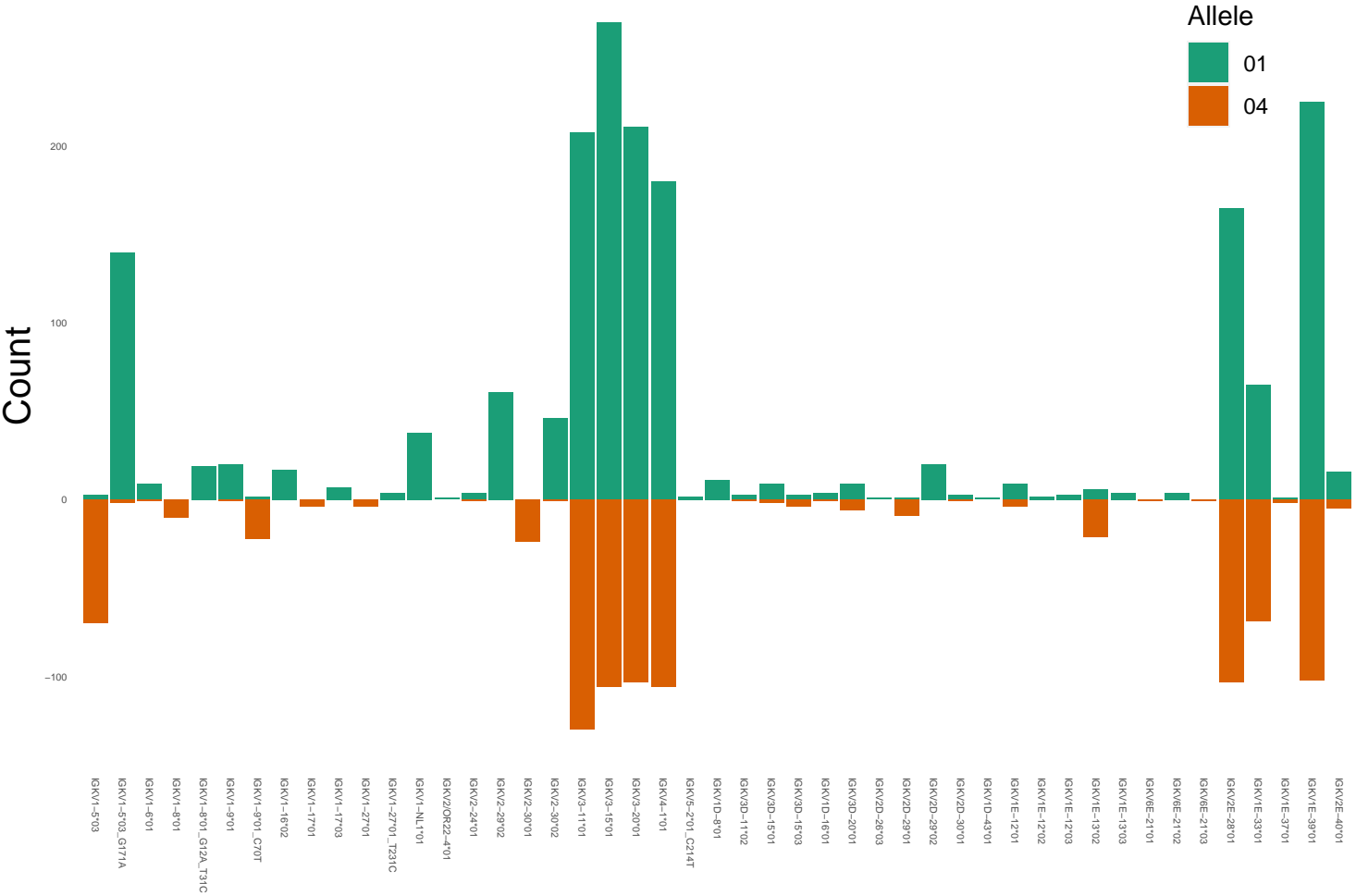
22 sequences assigned
18 (81.8%) exact matches, in which:
18 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.