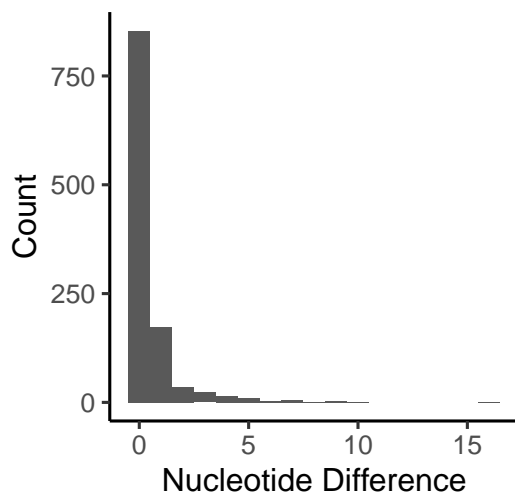


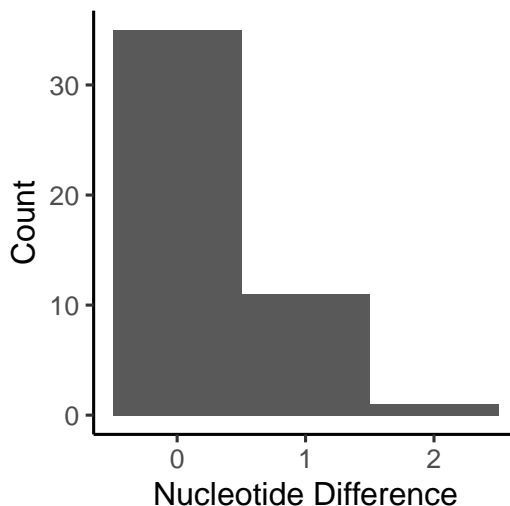
IGKV1-5*01

1127 sequences assigned
854 (75.8%) exact matches, in which:
694 unique CDR3
5 unique J



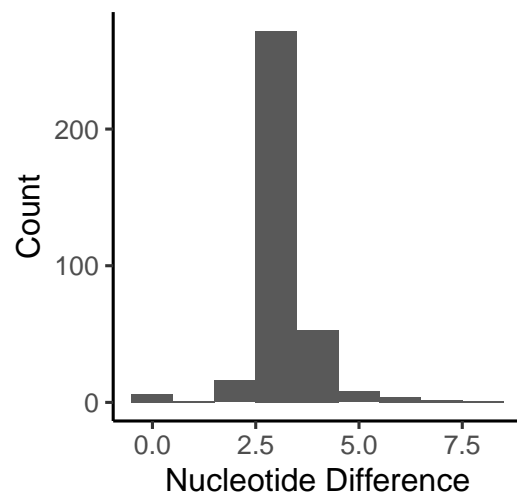
IGKV1-6*01_G9A

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



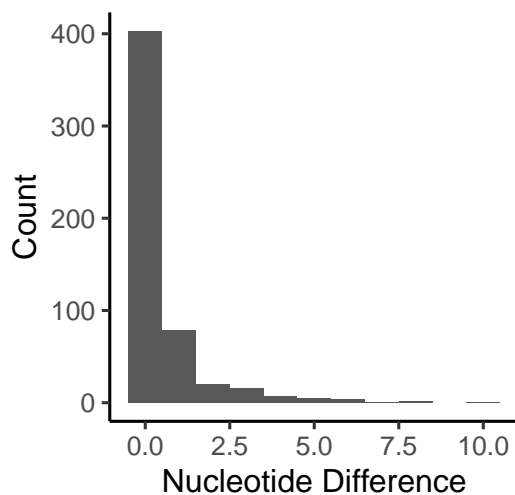
IGKV1-9*01

363 sequences assigned
6 (1.7%) exact matches, in which:
6 unique CDR3
3 unique J



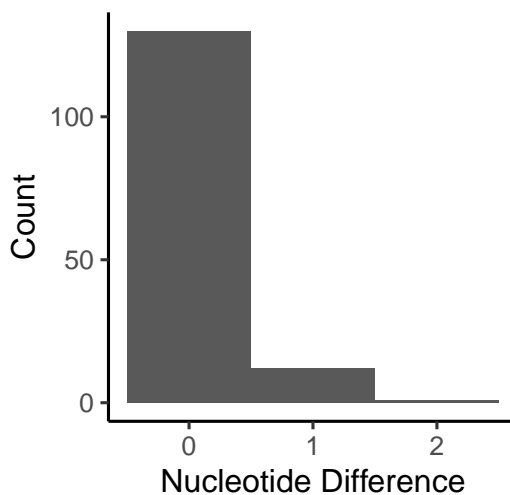
IGKV1-5*03_G171A

538 sequences assigned
403 (74.9%) exact matches, in which:
343 unique CDR3
5 unique J



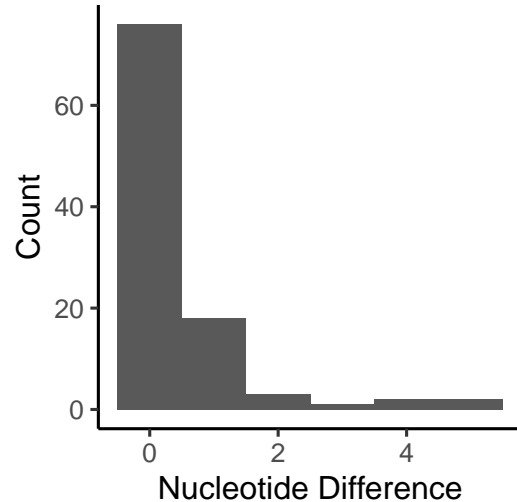
IGKV1-8*01_G12A_T31C

143 sequences assigned
130 (90.9%) exact matches, in which:
113 unique CDR3
5 unique J



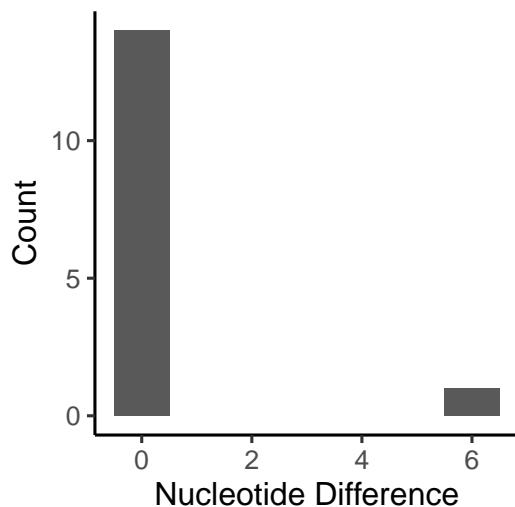
IGKV1-16*02

102 sequences assigned
76 (74.5%) exact matches, in which:
66 unique CDR3
5 unique J



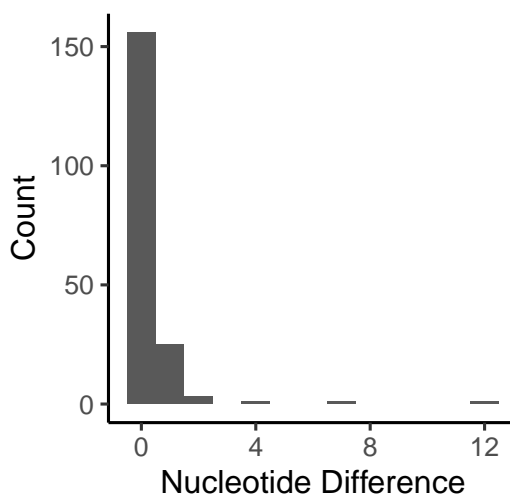
IGKV1-6*01

15 sequences assigned
14 (93.3%) exact matches, in which:
14 unique CDR3
5 unique J



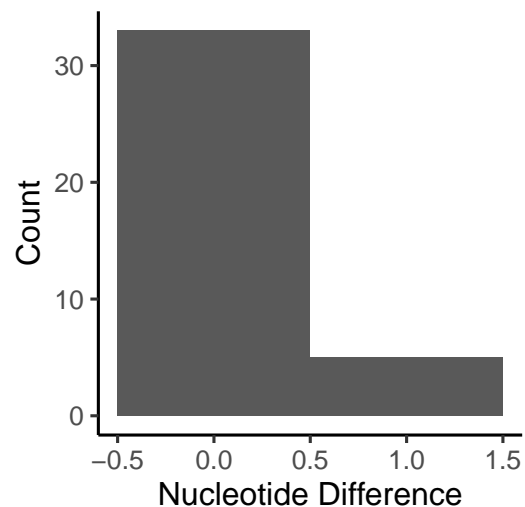
IGKV1-8*01_T31C

187 sequences assigned
156 (83.4%) exact matches, in which:
138 unique CDR3
5 unique J



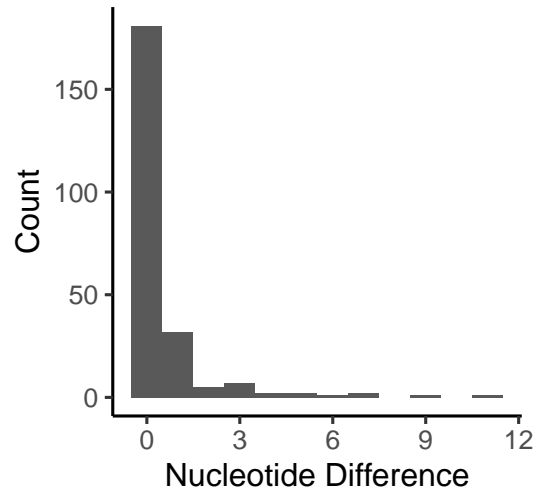
IGKV1-17*03

38 sequences assigned
33 (86.8%) exact matches, in which:
32 unique CDR3
5 unique J



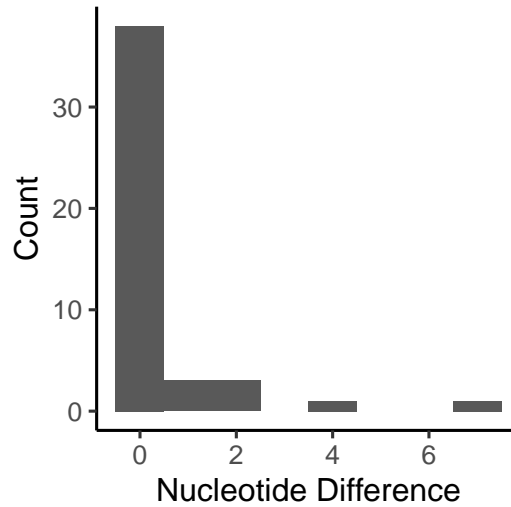
IGKV1–27*01

234 sequences assigned
181 (77.4%) exact matches, in which:
149 unique CDR3
5 unique J



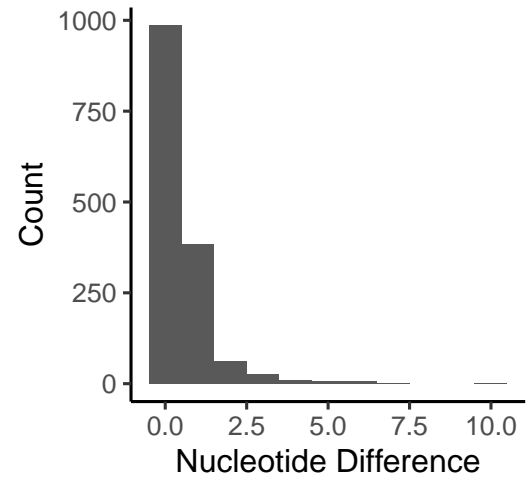
IGKV2–24*01

46 sequences assigned
38 (82.6%) exact matches, in which:
36 unique CDR3
5 unique J



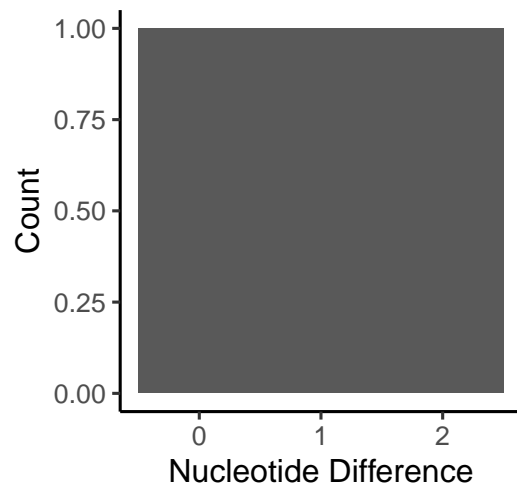
IGKV3–11*01

1487 sequences assigned
986 (66.3%) exact matches, in which:
751 unique CDR3
5 unique J



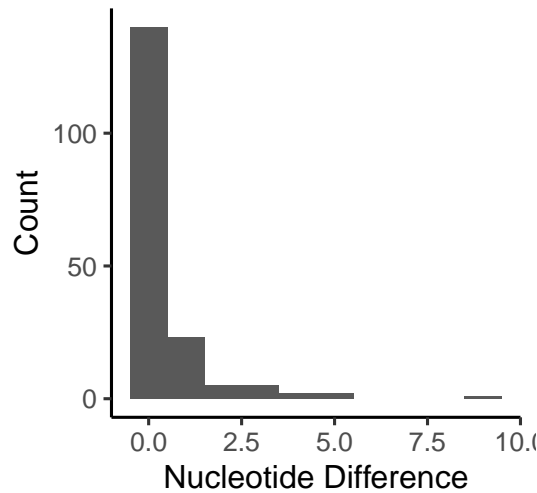
IGKV2/OR22–4*01

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



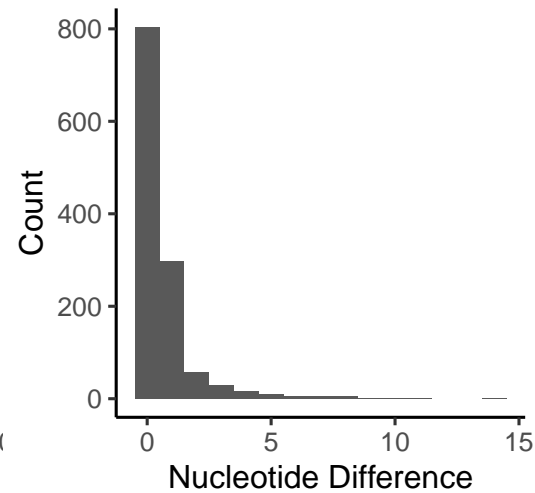
IGKV2–30*01

178 sequences assigned
140 (78.7%) exact matches, in which:
131 unique CDR3
5 unique J



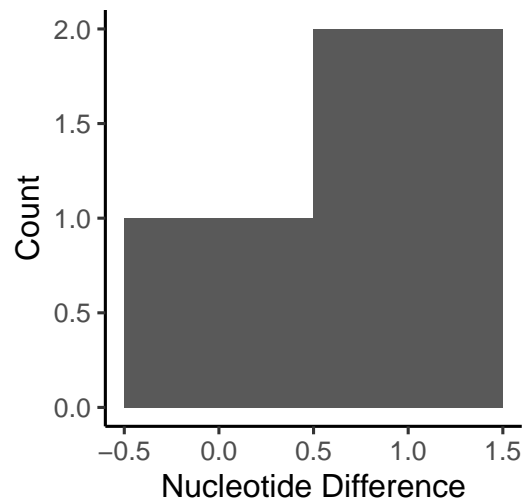
IGKV3–15*01

1237 sequences assigned
804 (65%) exact matches, in which:
640 unique CDR3
5 unique J



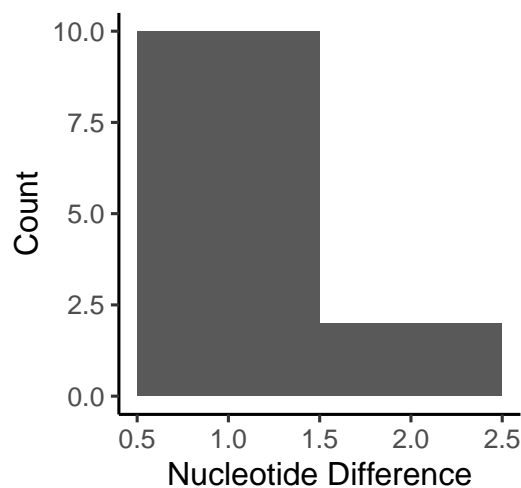
IGKV2–18*01

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



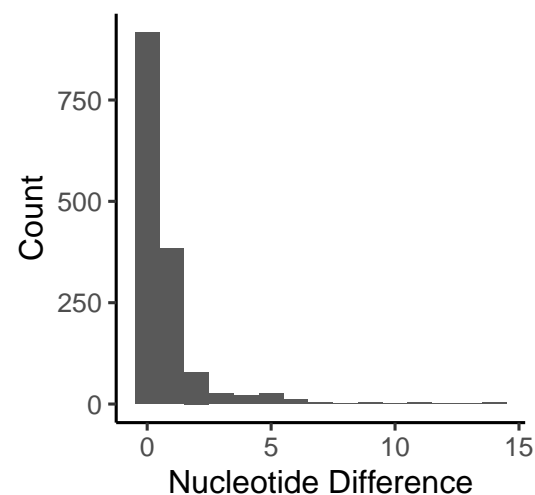
IGKV3–7*04

12 sequences assigned
No exact matches.



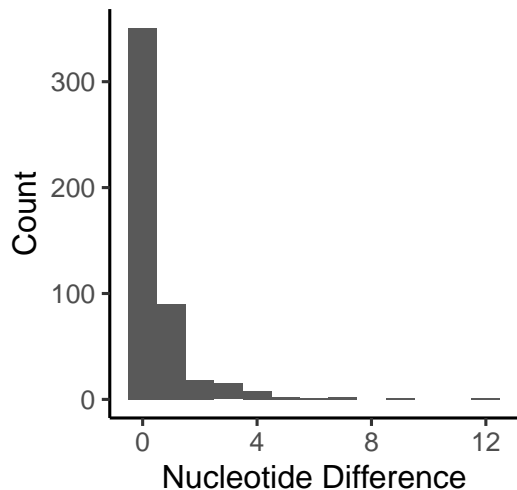
IGKV3–20*01

1482 sequences assigned
917 (61.9%) exact matches, in which:
744 unique CDR3
5 unique J



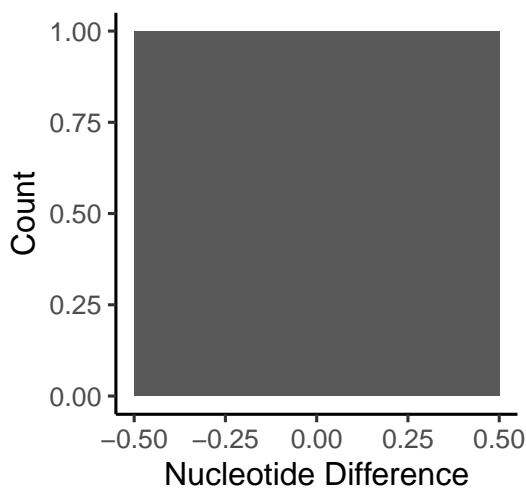
IGKV4-1*01

489 sequences assigned
351 (71.8%) exact matches, in which:
278 unique CDR3
5 unique J



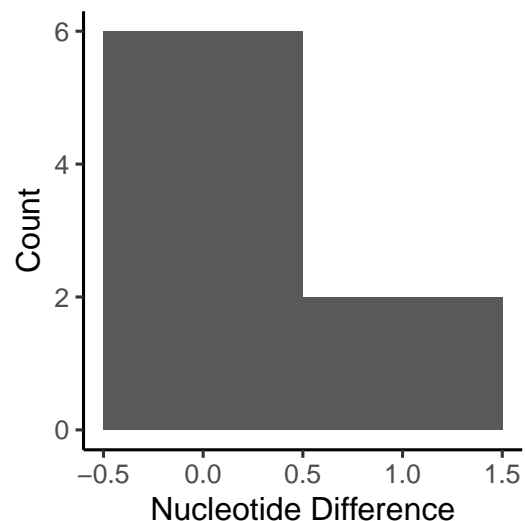
IGKV7-3*01

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



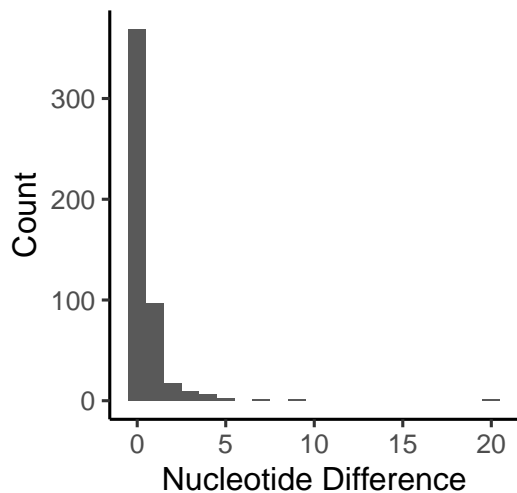
IGKV3D-11*01

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



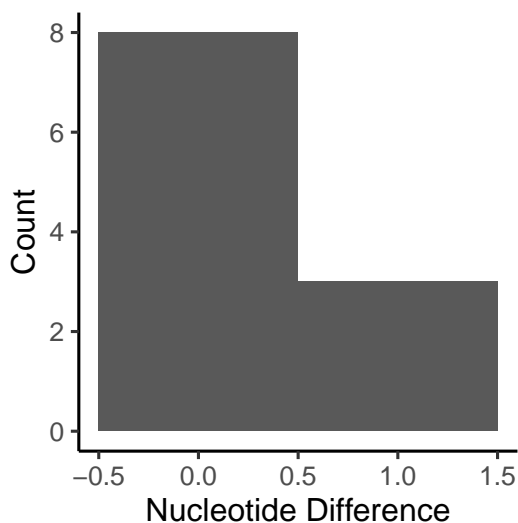
IGKV4-1*01_A318G

503 sequences assigned
369 (73.4%) exact matches, in which:
293 unique CDR3
5 unique J



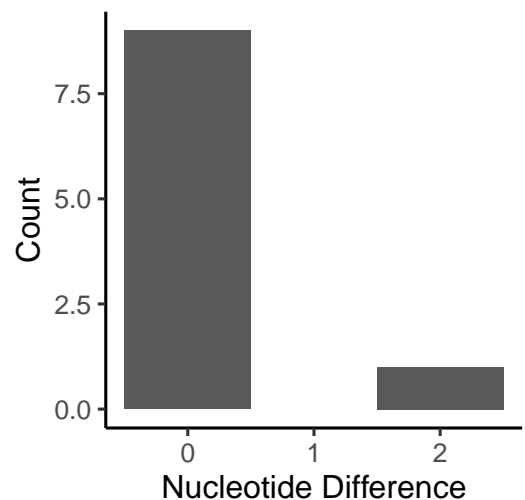
IGKV3D-7*01

11 sequences assigned
8 (72.7%) exact matches, in which:
8 unique CDR3
4 unique J



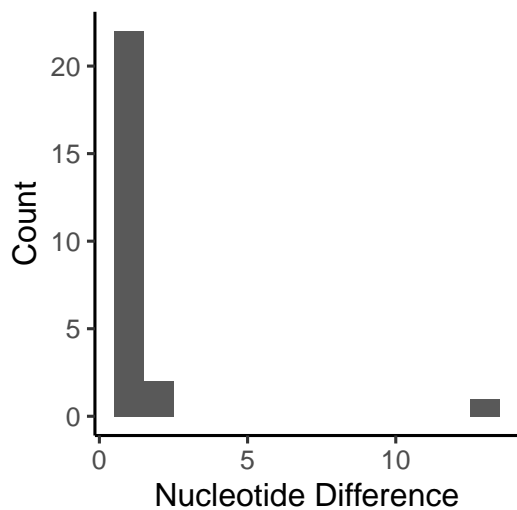
IGKV3D-11*02

10 sequences assigned
9 (90%) exact matches, in which:
8 unique CDR3
4 unique J



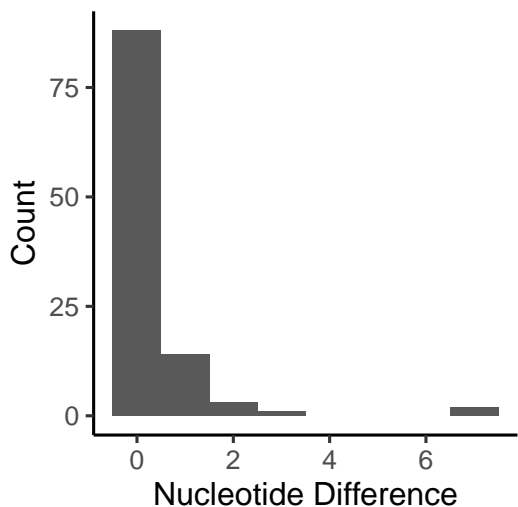
IGKV5-2*01

25 sequences assigned
No exact matches.



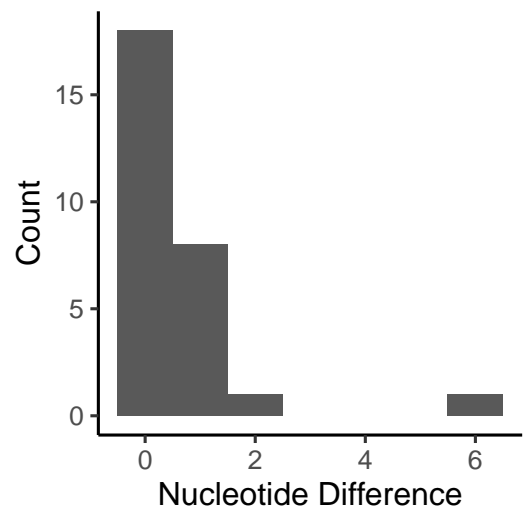
IGKV1D-8*01

108 sequences assigned
88 (81.5%) exact matches, in which:
71 unique CDR3
5 unique J



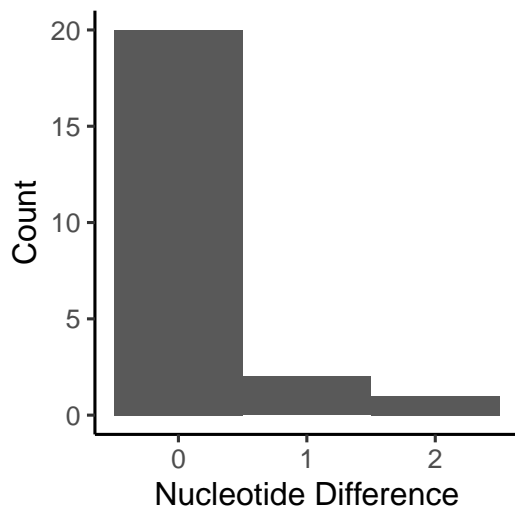
IGKV3D-15*01

28 sequences assigned
18 (64.3%) exact matches, in which:
17 unique CDR3
5 unique J



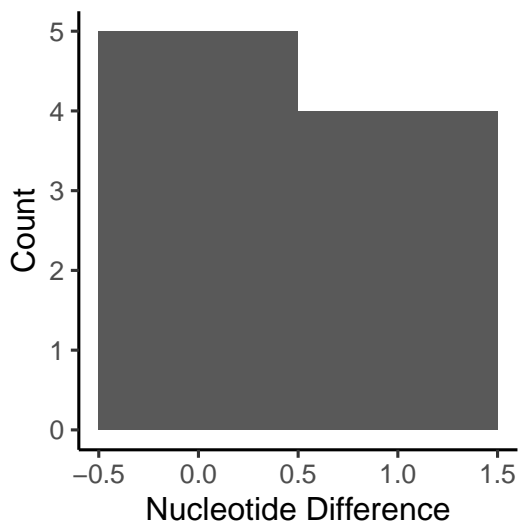
IGKV1D-16*01

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



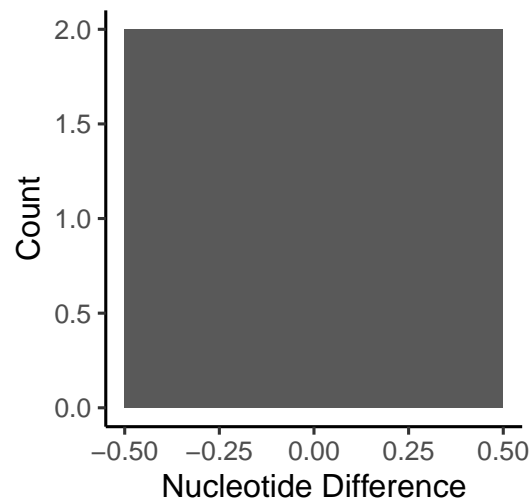
IGKV2D-26*03

9 sequences assigned
5 (55.6%) exact matches, in which:
5 unique CDR3
3 unique J



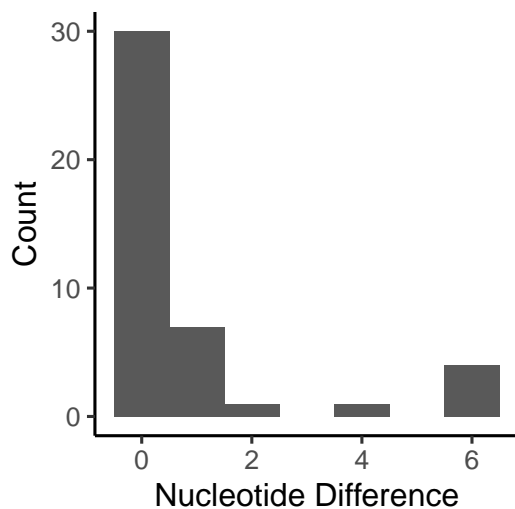
IGKV6D-41*01

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



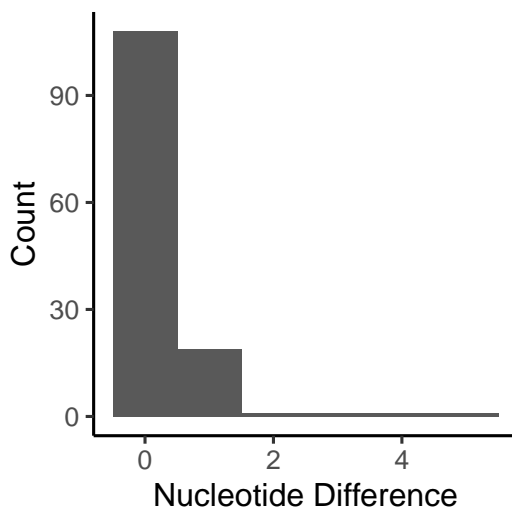
IGKV3D-20*01

43 sequences assigned
30 (69.8%) exact matches, in which:
30 unique CDR3
5 unique J



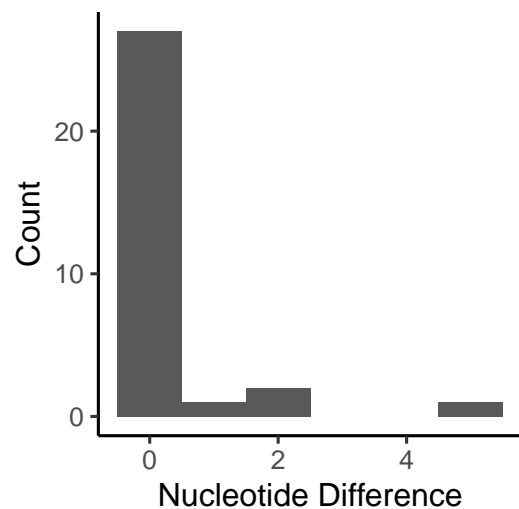
IGKV2D-29*01

132 sequences assigned
108 (81.8%) exact matches, in which:
92 unique CDR3
5 unique J



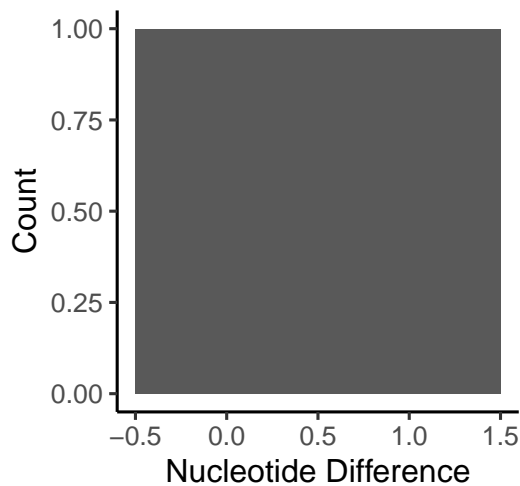
IGKV1D-43*01

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



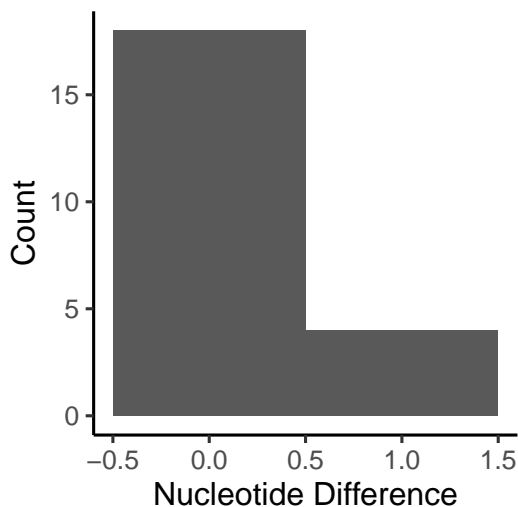
IGKV2D-24*01

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



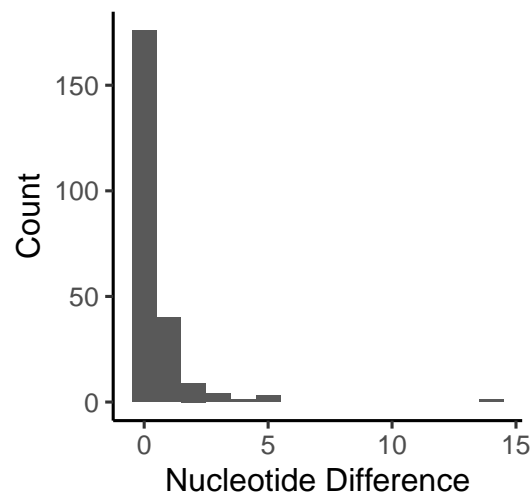
IGKV2D-30*01

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



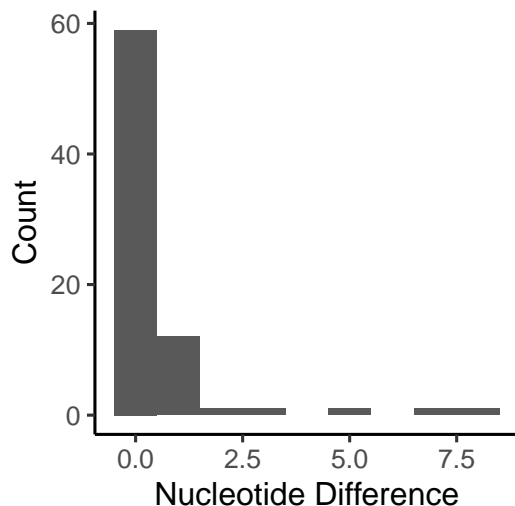
IGKV1E-12*01

234 sequences assigned
176 (75.2%) exact matches, in which:
135 unique CDR3
5 unique J



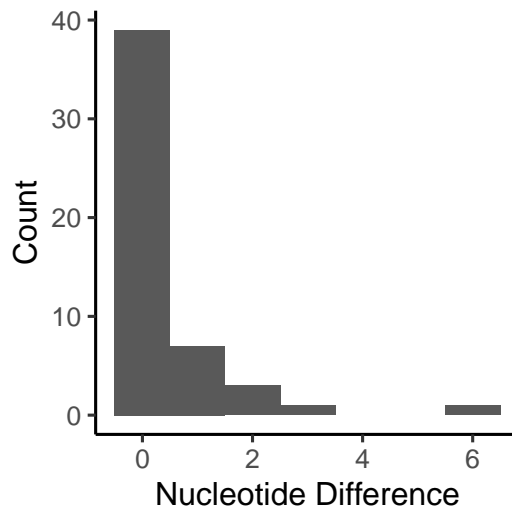
IGKV1E-12*03

76 sequences assigned
59 (77.6%) exact matches, in which:
42 unique CDR3
5 unique J



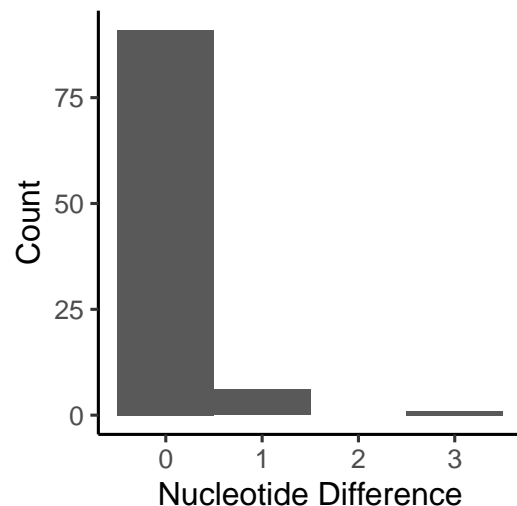
IGKV6E-21*01

51 sequences assigned
39 (76.5%) exact matches, in which:
36 unique CDR3
4 unique J



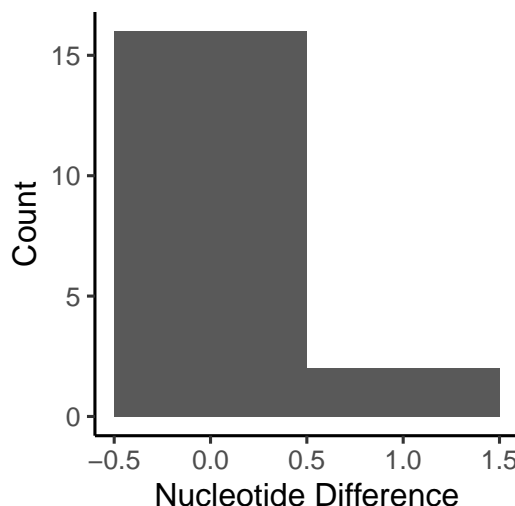
IGKV2E-28*01_G202T

98 sequences assigned
91 (92.9%) exact matches, in which:
85 unique CDR3
5 unique J



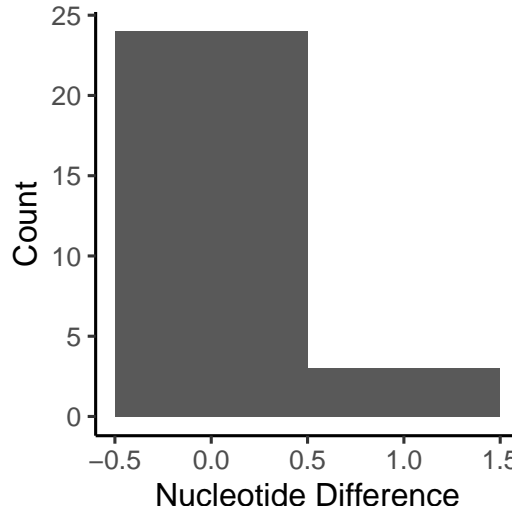
IGKV1E-13*02

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



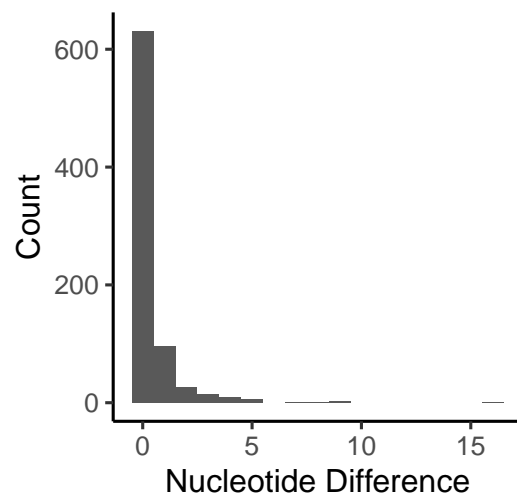
IGKV6E-21*03

27 sequences assigned
24 (88.9%) exact matches, in which:
20 unique CDR3
5 unique J



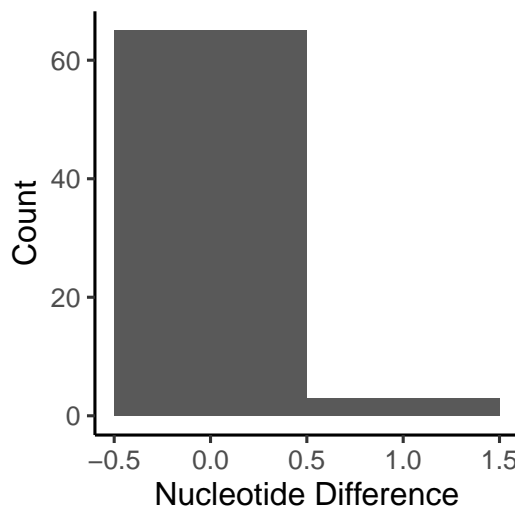
IGKV1E-33*01

788 sequences assigned
631 (80.1%) exact matches, in which:
486 unique CDR3
5 unique J



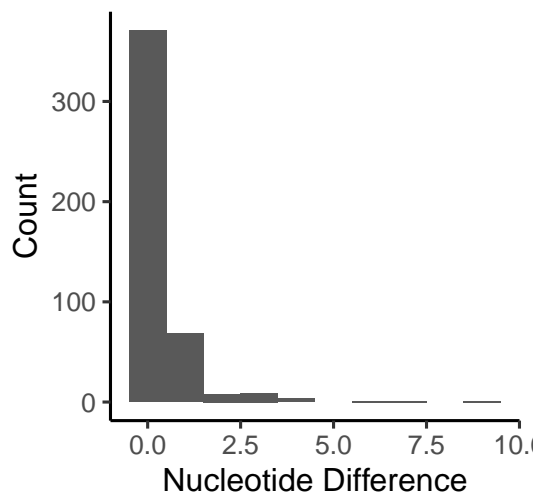
IGKV1E-13*03

68 sequences assigned
65 (95.6%) exact matches, in which:
54 unique CDR3
5 unique J



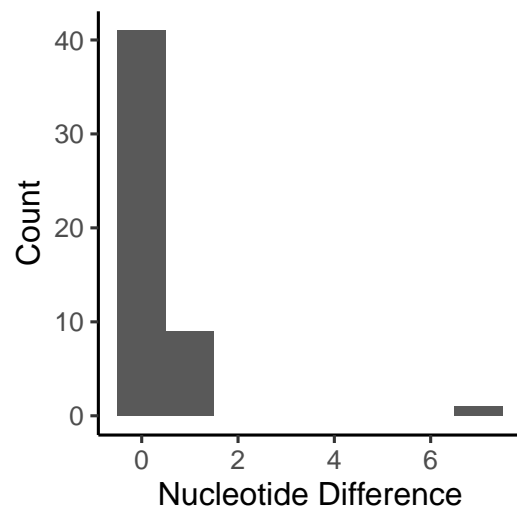
IGKV2E-28*01

463 sequences assigned
371 (80.1%) exact matches, in which:
314 unique CDR3
5 unique J



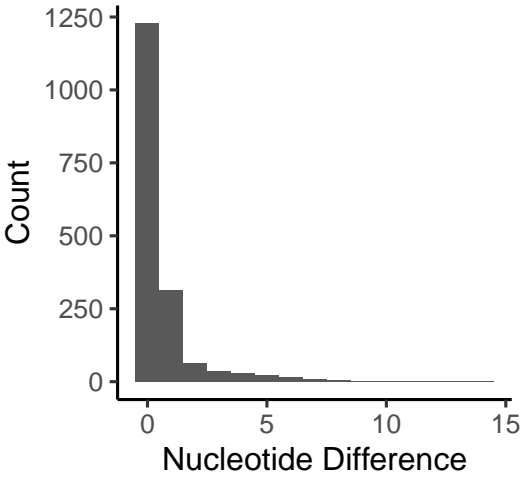
IGKV1E-37*01

51 sequences assigned
41 (80.4%) exact matches, in which:
39 unique CDR3
5 unique J



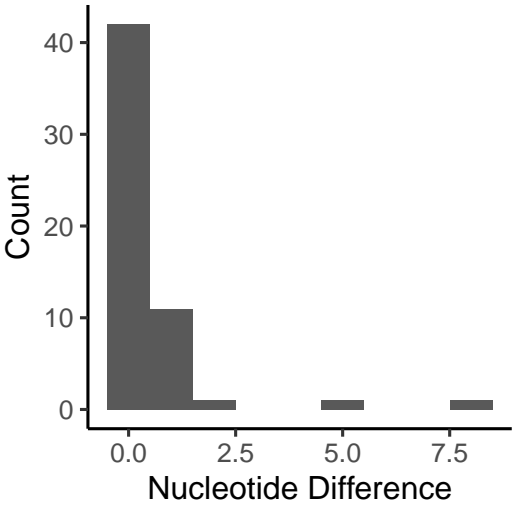
IGKV1E-39*01

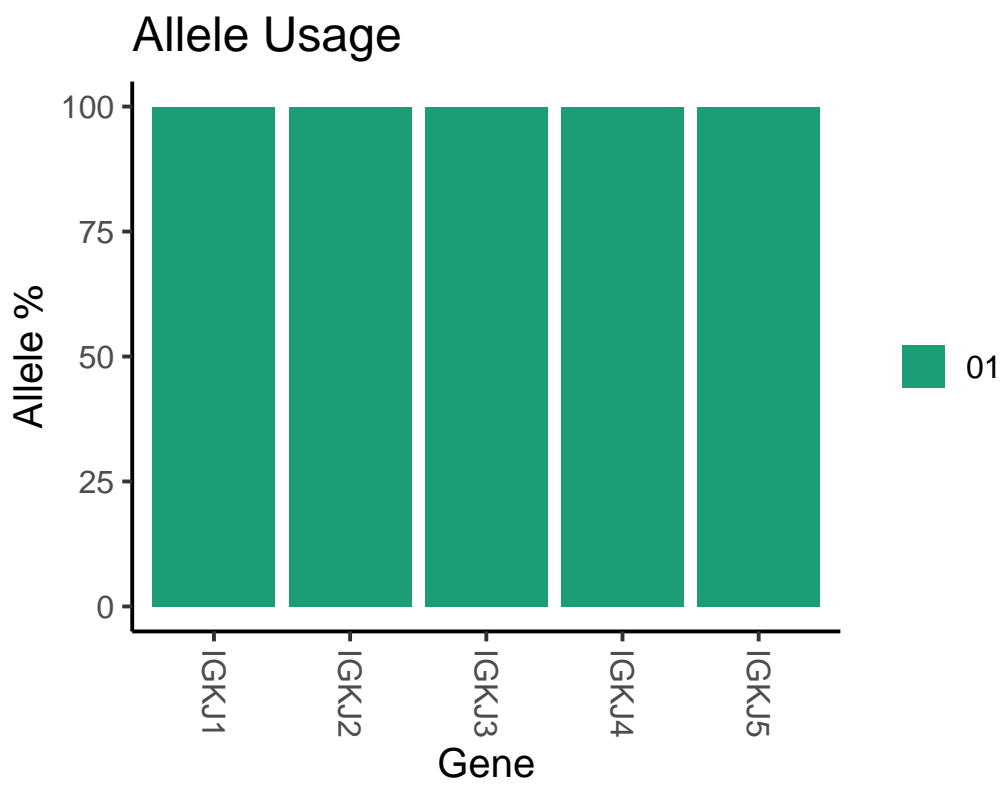
1740 sequences assigned
1228 (70.6%) exact matches, in which:
890 unique CDR3
5 unique J



IGKV2E-40*01

56 sequences assigned
42 (75%) exact matches, in which:
36 unique CDR3
5 unique J





Warning – no inferred sequences found.