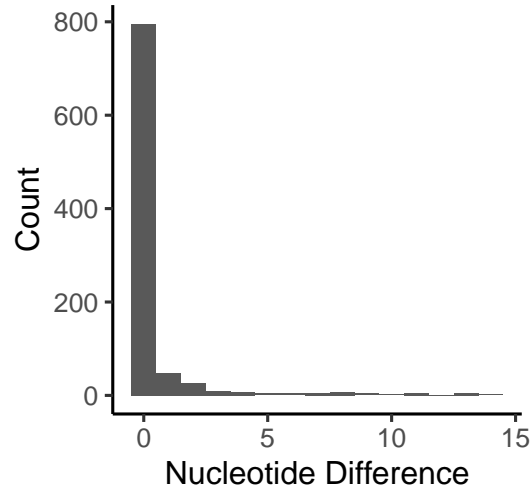


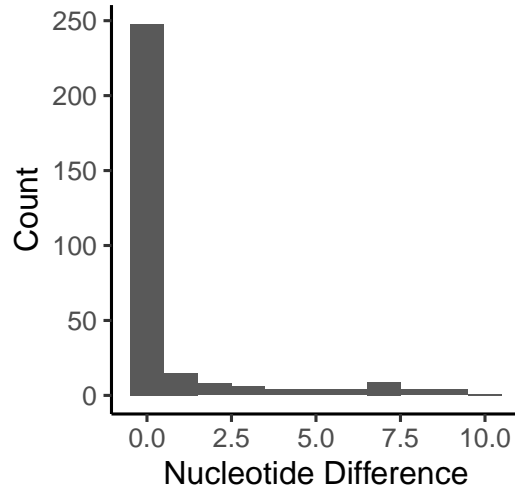
IGKV1-5*03

926 sequences assigned
796 (86%) exact matches, in which:
605 unique CDR3
5 unique J



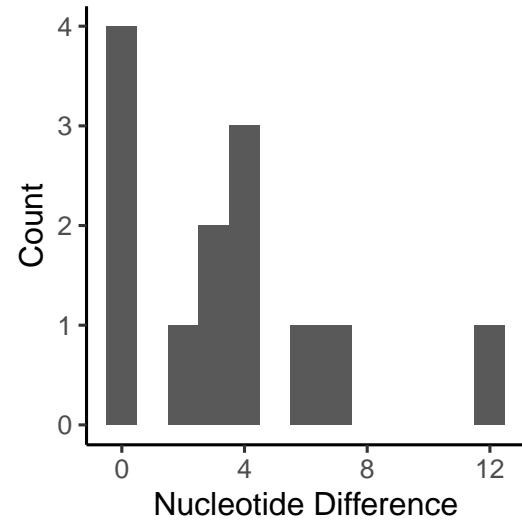
IGKV1-9*01

307 sequences assigned
248 (80.8%) exact matches, in which:
208 unique CDR3
5 unique J



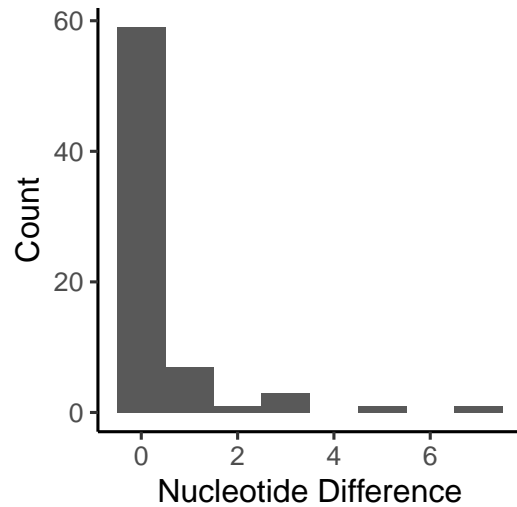
IGKV1-17*01_T314A

13 sequences assigned
4 (30.8%) exact matches, in which:
4 unique CDR3
3 unique J



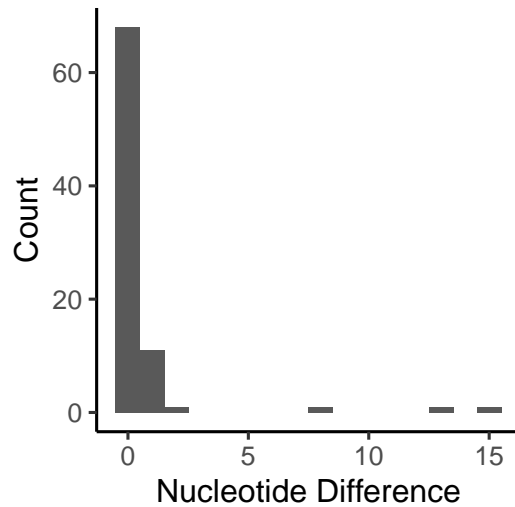
IGKV1-6*01

72 sequences assigned
59 (81.9%) exact matches, in which:
39 unique CDR3
5 unique J



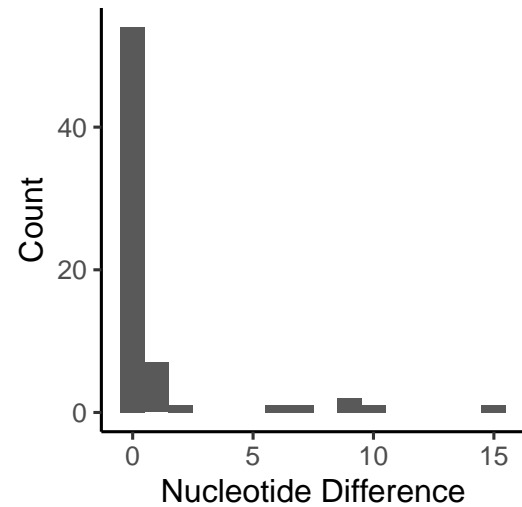
IGKV1-16*02

83 sequences assigned
68 (81.9%) exact matches, in which:
54 unique CDR3
5 unique J



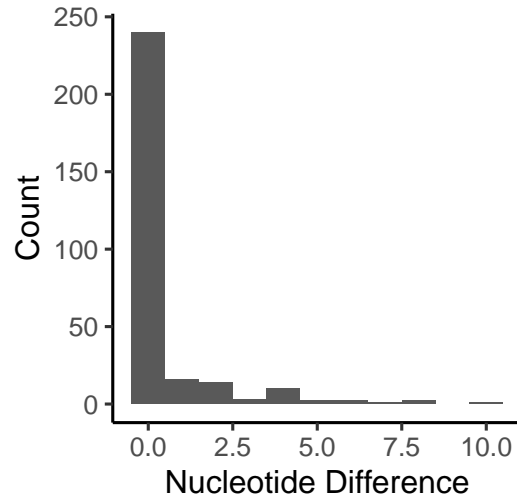
IGKV1-27*01

68 sequences assigned
54 (79.4%) exact matches, in which:
45 unique CDR3
5 unique J



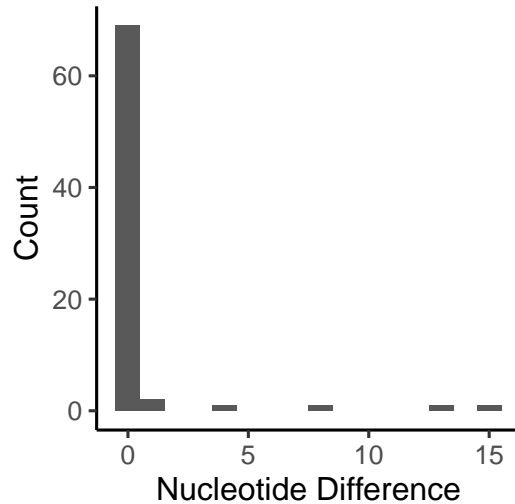
IGKV1-8*01

291 sequences assigned
240 (82.5%) exact matches, in which:
165 unique CDR3
5 unique J



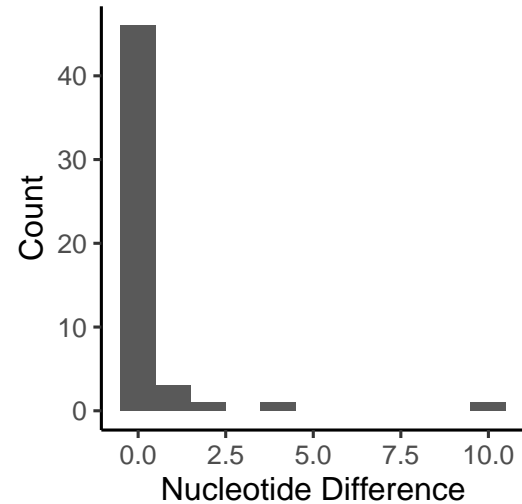
IGKV1-17*01

75 sequences assigned
69 (92%) exact matches, in which:
54 unique CDR3
5 unique J



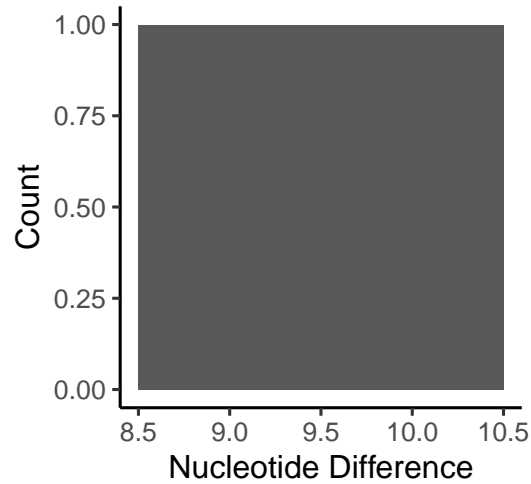
IGKV1-27*01_C70T

52 sequences assigned
46 (88.5%) exact matches, in which:
40 unique CDR3
5 unique J



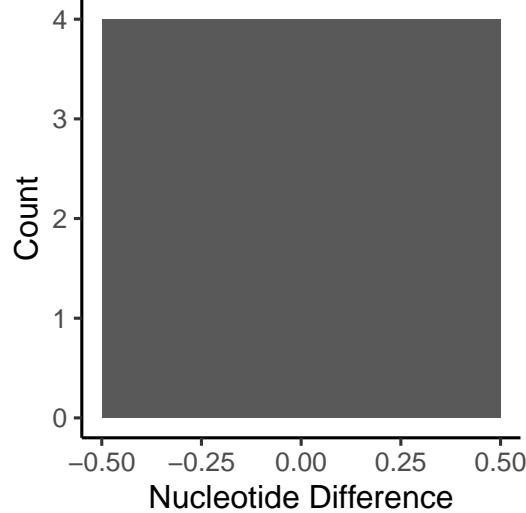
IGKV1–NL1*01

2 sequences assigned
No exact matches.



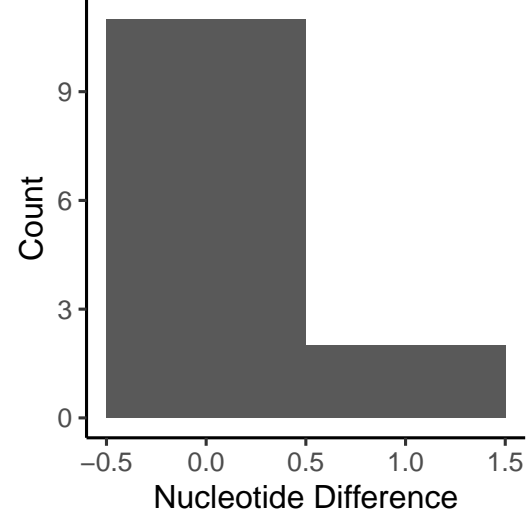
IGKV2–18*01

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



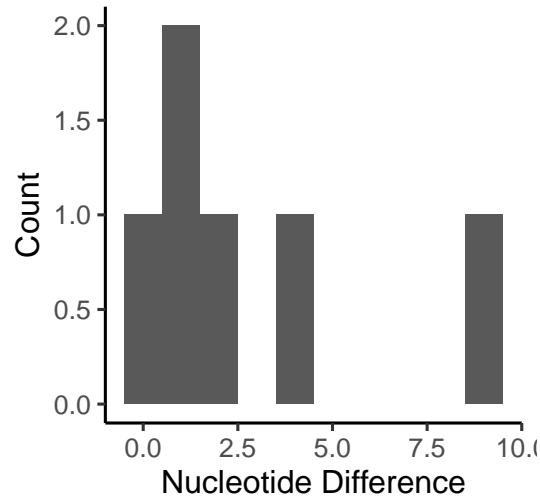
IGKV3–7*04

13 sequences assigned
11 (84.6%) exact matches, in which:
10 unique CDR3
4 unique J



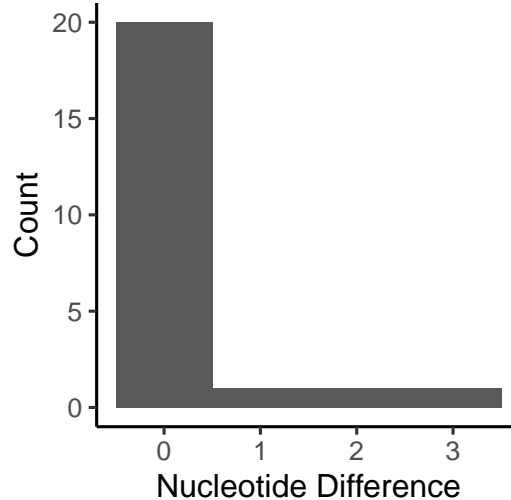
IGKV2/OR22–4*01

6 sequences assigned
1 (16.7%) exact matches, in which:
1 unique CDR3
1 unique J



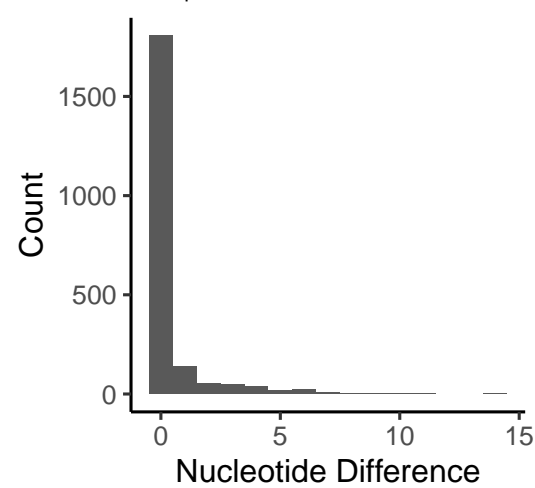
IGKV2–24*01

24 sequences assigned
20 (83.3%) exact matches, in which:
19 unique CDR3
4 unique J



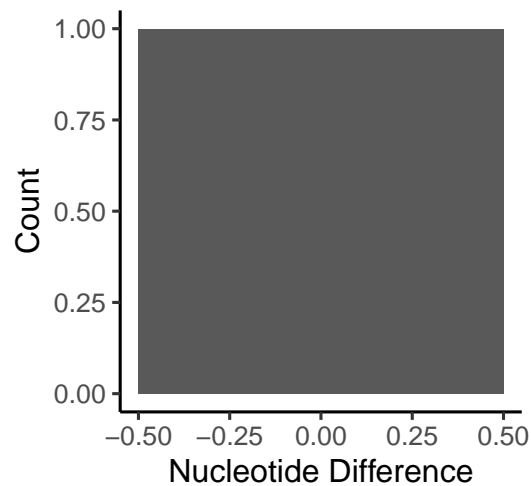
IGKV3–11*01

2145 sequences assigned
1806 (84.2%) exact matches, in which:
1172 unique CDR3
5 unique J



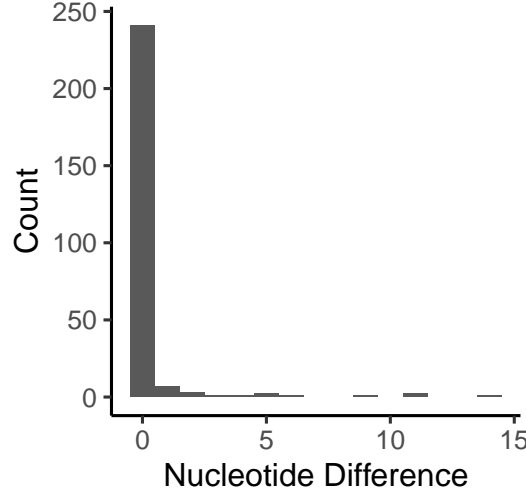
IGKV2–4*01

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



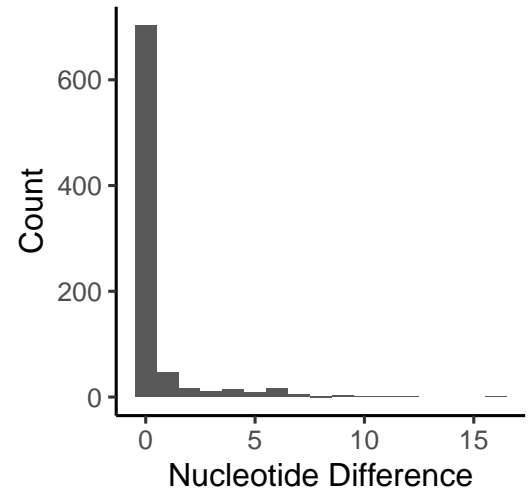
IGKV2–30*01

261 sequences assigned
241 (92.3%) exact matches, in which:
206 unique CDR3
5 unique J



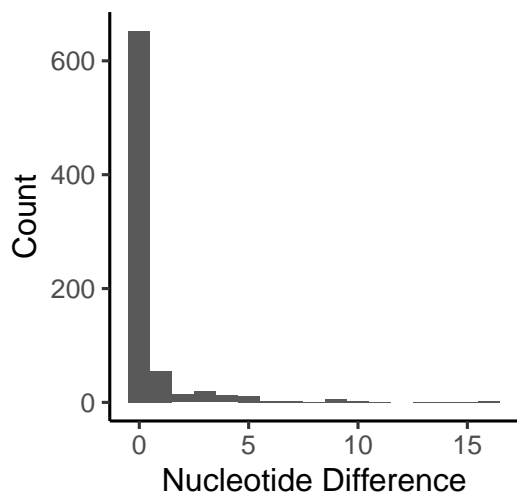
IGKV3–15*01

831 sequences assigned
703 (84.6%) exact matches, in which:
542 unique CDR3
5 unique J



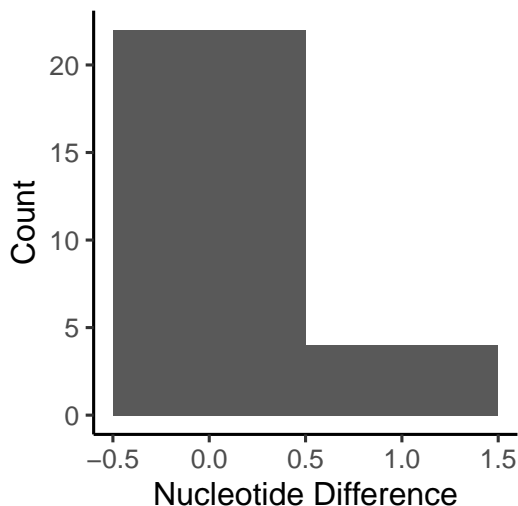
IGKV3–15*01_C141G

790 sequences assigned
653 (82.7%) exact matches, in which:
528 unique CDR3
5 unique J



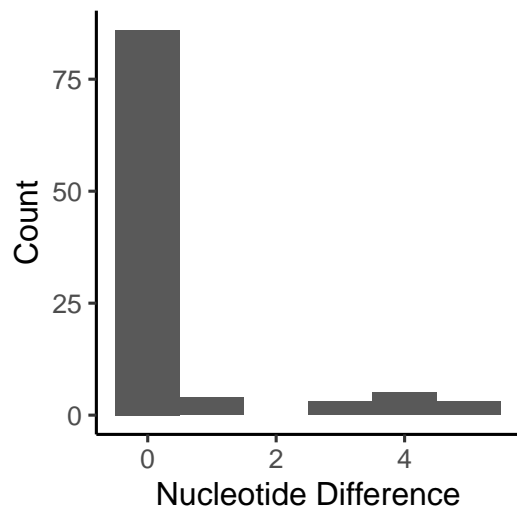
IGKV5–2*01

26 sequences assigned
22 (84.6%) exact matches, in which:
22 unique CDR3
4 unique J



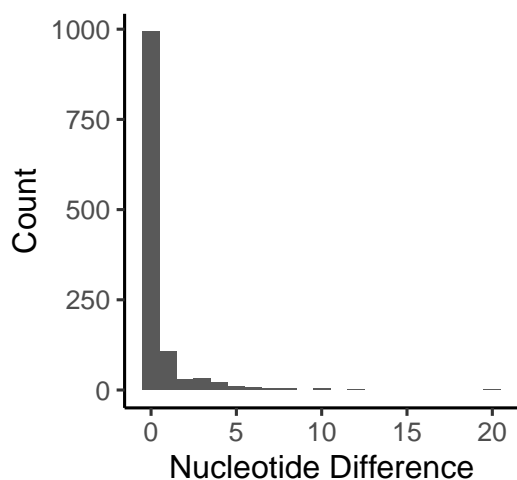
IGKV1D–8*01

101 sequences assigned
86 (85.1%) exact matches, in which:
60 unique CDR3
5 unique J



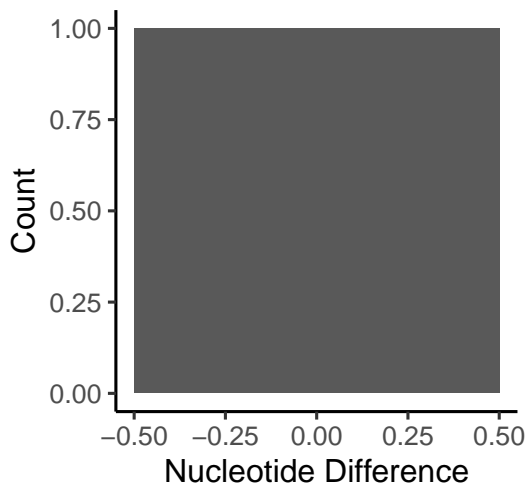
IGKV3–20*01

1213 sequences assigned
993 (81.9%) exact matches, in which:
721 unique CDR3
5 unique J



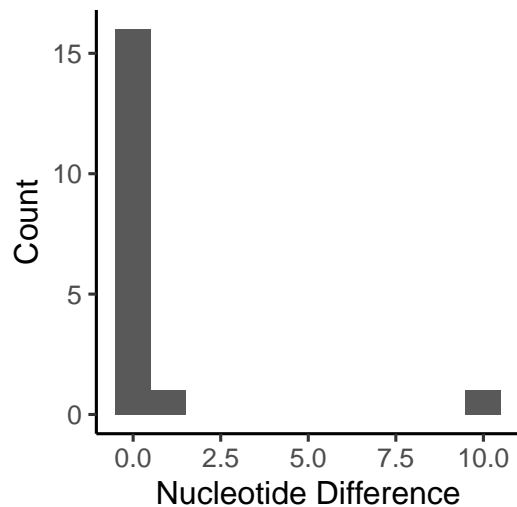
IGKV7–3*01

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



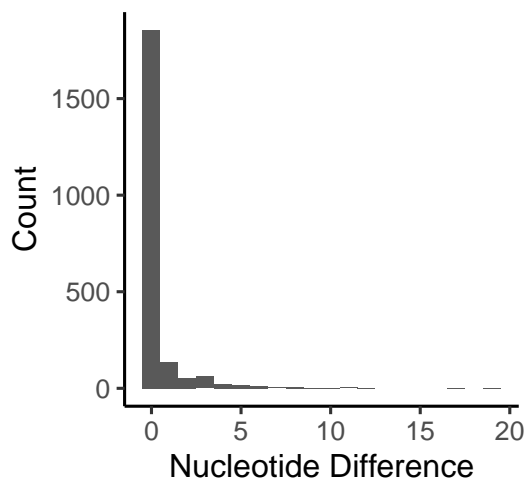
IGKV3D–11*01

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



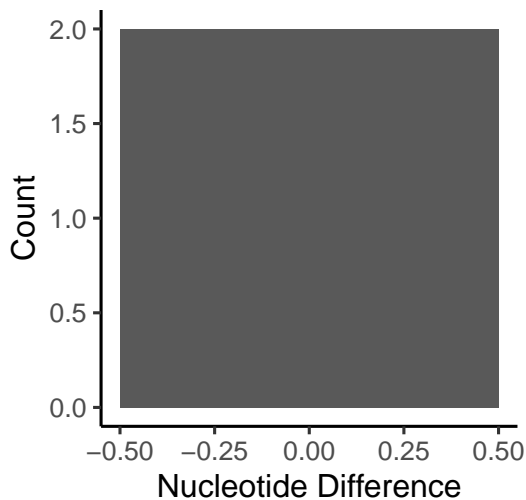
IGKV4–1*01

2183 sequences assigned
1855 (85%) exact matches, in which:
1080 unique CDR3
5 unique J



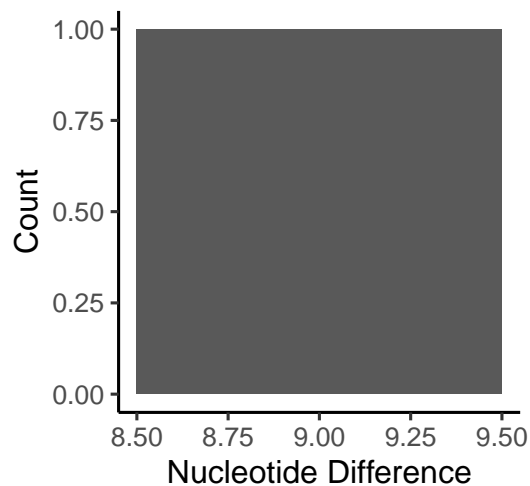
IGKV3D–7*01

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



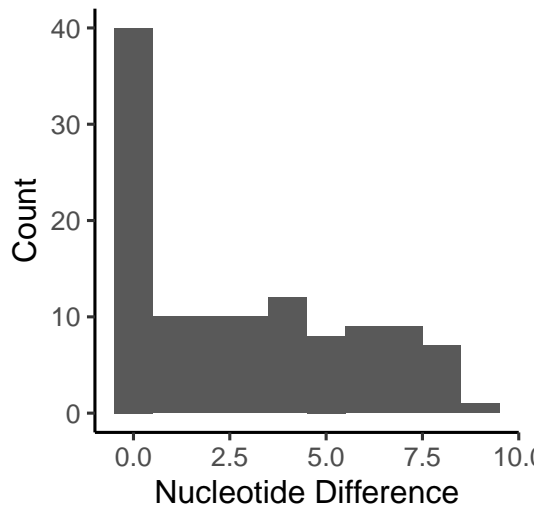
IGKV3D–11*02

1 sequences assigned
No exact matches.



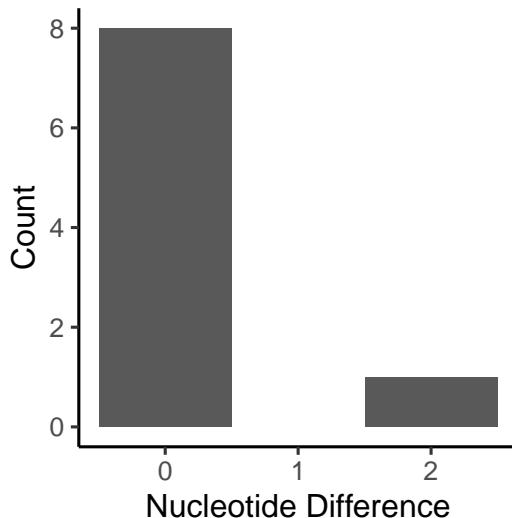
IGKV3D-15*01

116 sequences assigned
40 (34.5%) exact matches, in which:
38 unique CDR3
5 unique J



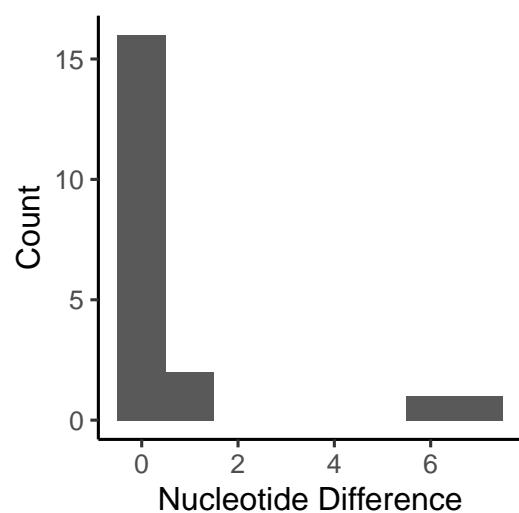
IGKV2D-26*03

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



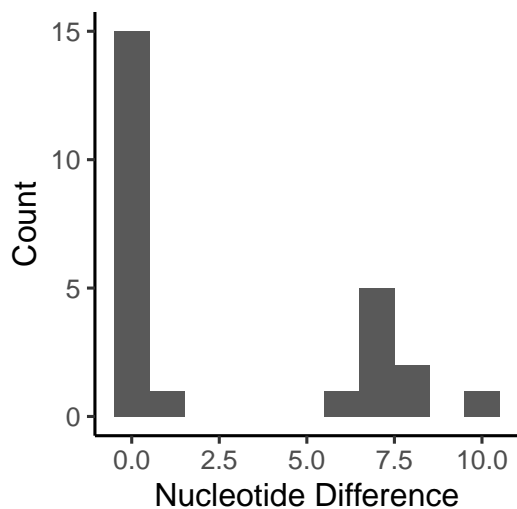
IGKV1D-43*01

20 sequences assigned
16 (80%) exact matches, in which:
15 unique CDR3
5 unique J



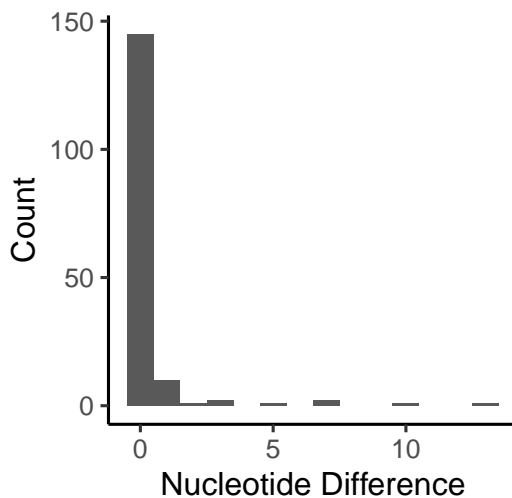
IGKV1D-16*01

25 sequences assigned
15 (60%) exact matches, in which:
15 unique CDR3
5 unique J



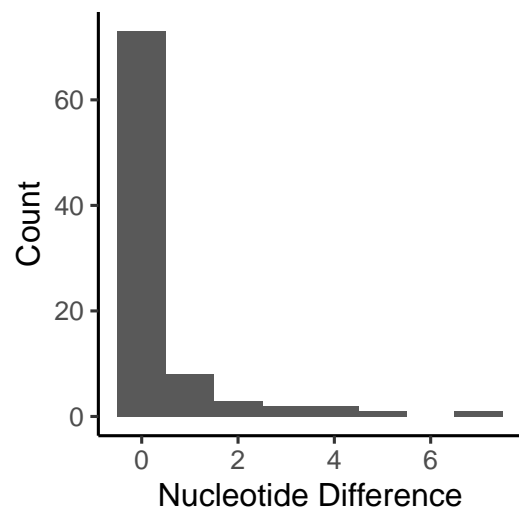
IGKV2D-29*01

163 sequences assigned
145 (89%) exact matches, in which:
121 unique CDR3
5 unique J



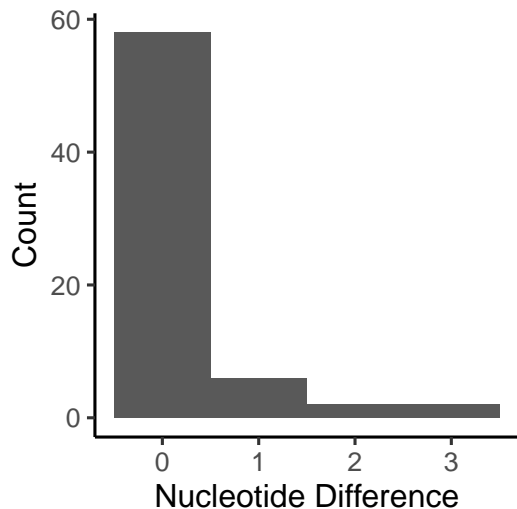
IGKV1E-12*01

90 sequences assigned
73 (81.1%) exact matches, in which:
46 unique CDR3
5 unique J



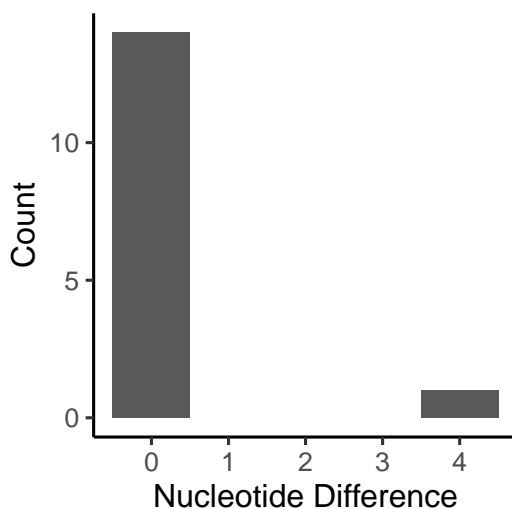
IGKV3D-20*01

68 sequences assigned
58 (85.3%) exact matches, in which:
53 unique CDR3
5 unique J



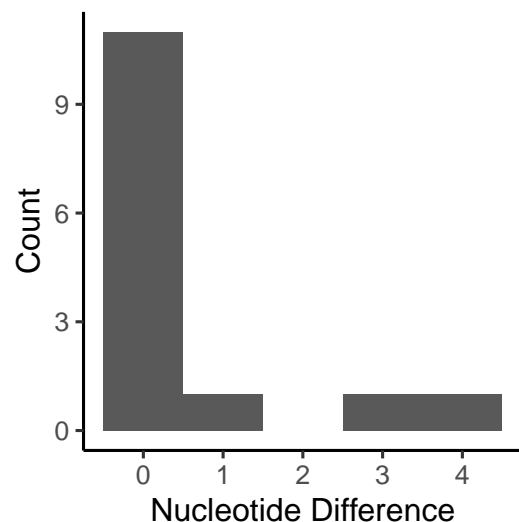
IGKV2D-30*01

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



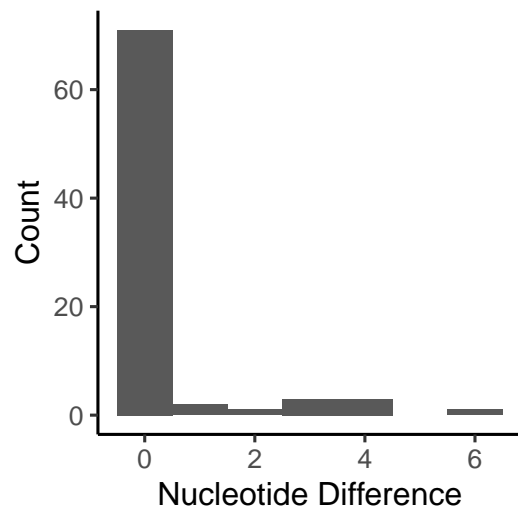
IGKV1E-12*02

15 sequences assigned
11 (73.3%) exact matches, in which:
8 unique CDR3
4 unique J



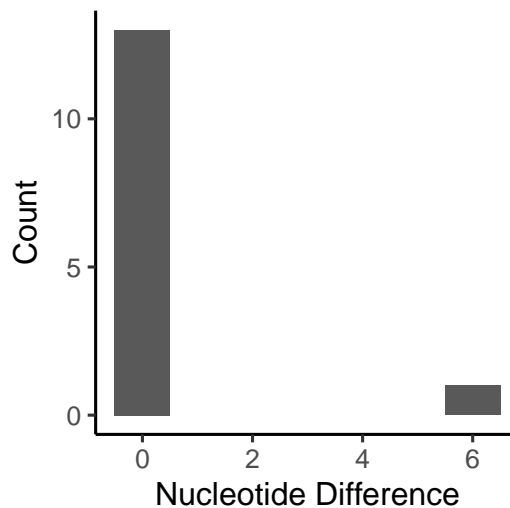
IGKV1E-12*03

81 sequences assigned
71 (87.7%) exact matches, in which:
50 unique CDR3
5 unique J



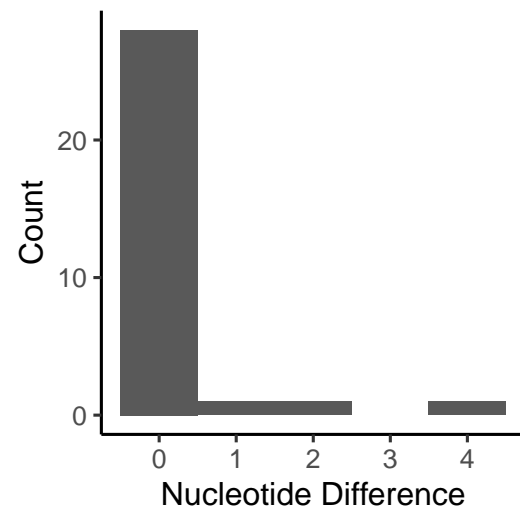
IGKV6E-21*03

14 sequences assigned
13 (92.9%) exact matches, in which:
10 unique CDR3
3 unique J



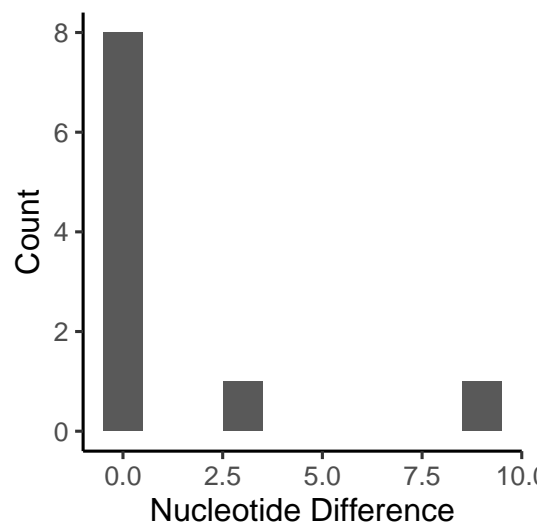
IGKV1E-37*01

31 sequences assigned
28 (90.3%) exact matches, in which:
26 unique CDR3
5 unique J



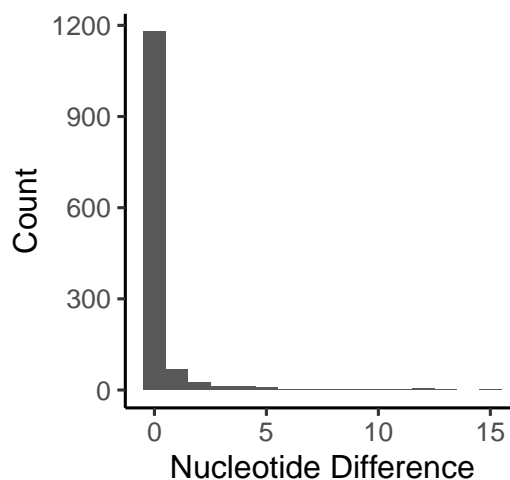
IGKV1E-13*03

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



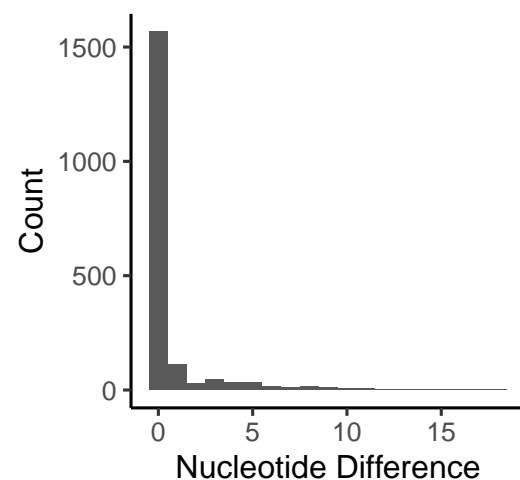
IGKV2E-28*01

1323 sequences assigned
1179 (89.1%) exact matches, in which:
809 unique CDR3
5 unique J



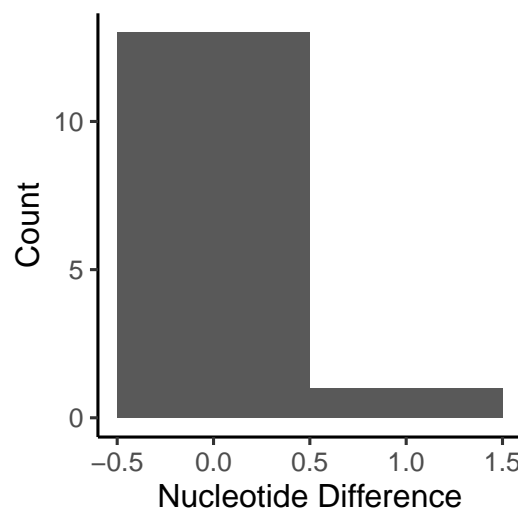
IGKV1E-39*01

1908 sequences assigned
1567 (82.1%) exact matches, in which:
942 unique CDR3
5 unique J



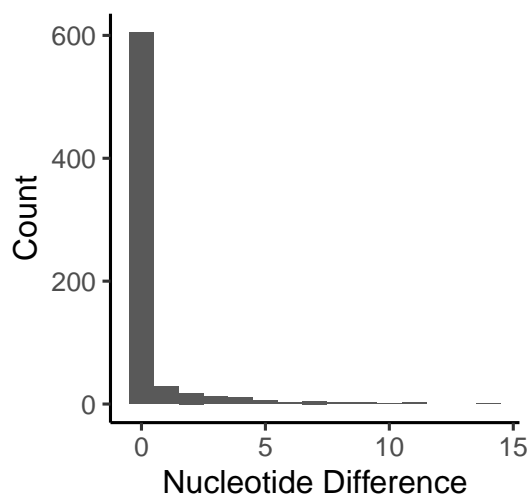
IGKV6E-21*01

14 sequences assigned
13 (92.9%) exact matches, in which:
11 unique CDR3
4 unique J



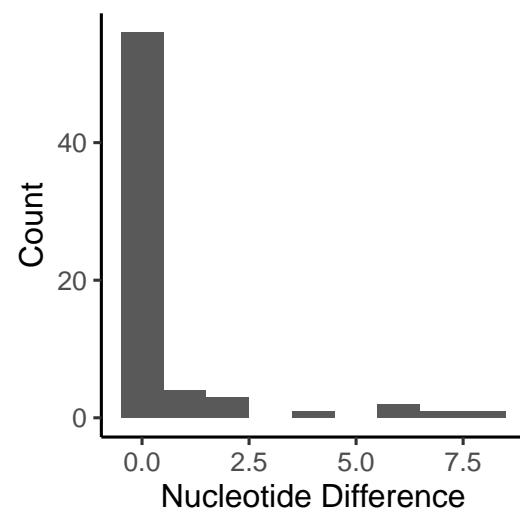
IGKV1E-33*01

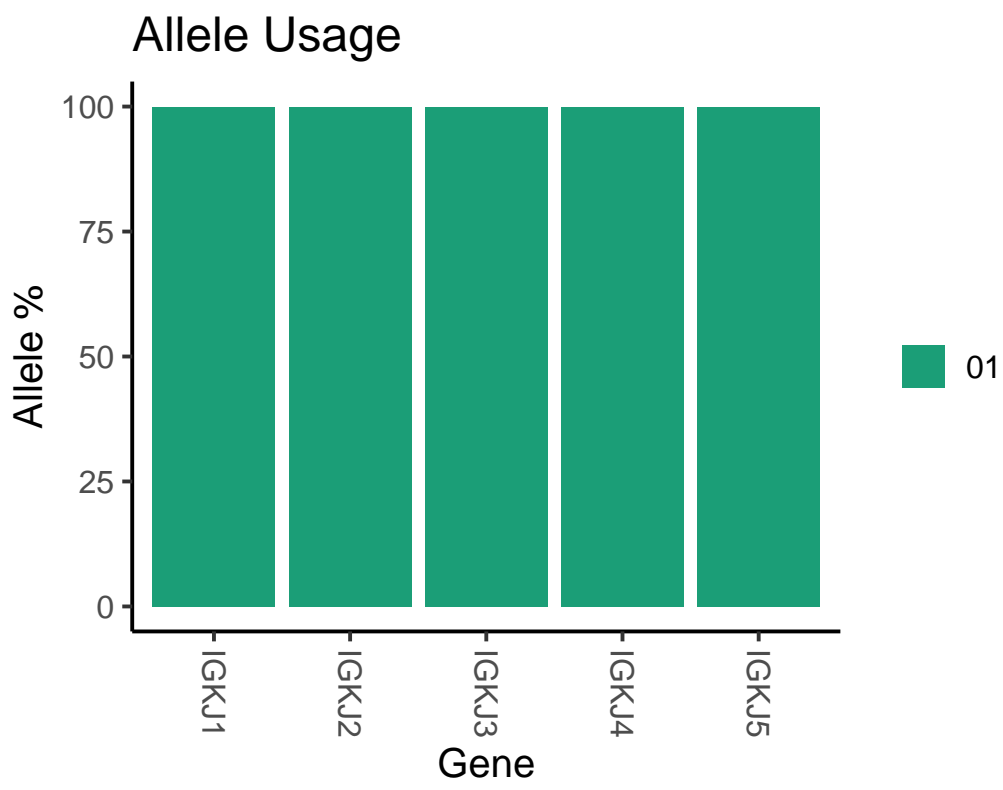
697 sequences assigned
605 (86.8%) exact matches, in which:
418 unique CDR3
5 unique J



IGKV2E-40*01

68 sequences assigned
56 (82.4%) exact matches, in which:
45 unique CDR3
5 unique J





Warning – no inferred sequences found.