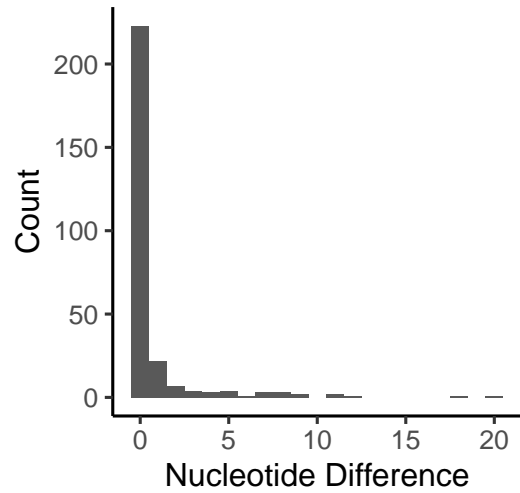


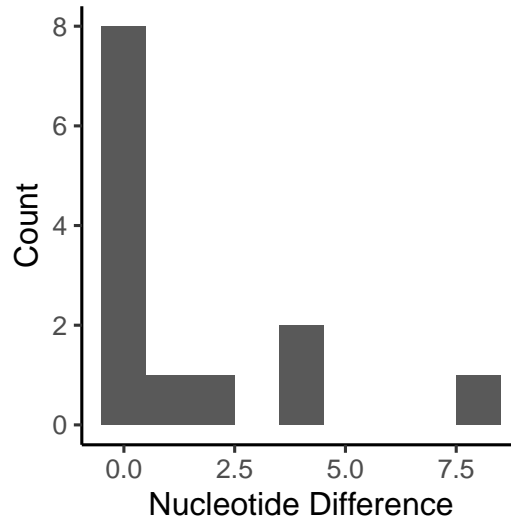
IGKV1-5*03

277 sequences assigned
223 (80.5%) exact matches, in which:
212 unique CDR3
5 unique J



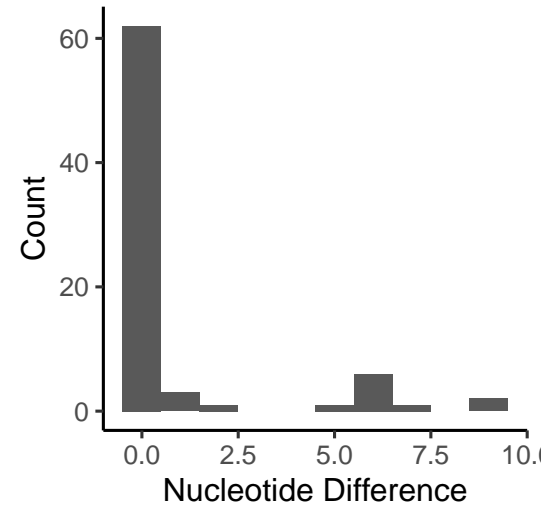
IGKV1-6*01_A318G_A326

13 sequences assigned
8 (61.5%) exact matches, in which:
8 unique CDR3
3 unique J



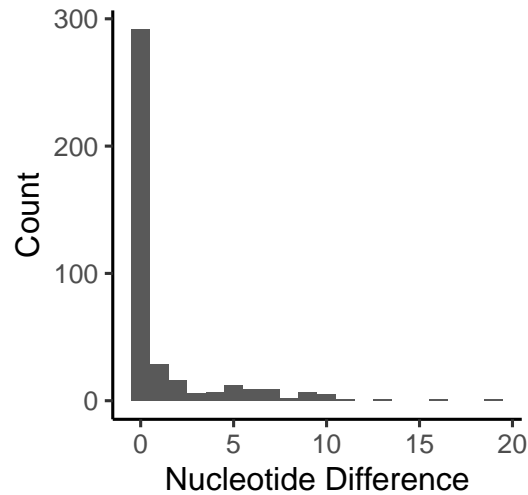
IGKV1-9*01

77 sequences assigned
62 (80.5%) exact matches, in which:
58 unique CDR3
5 unique J



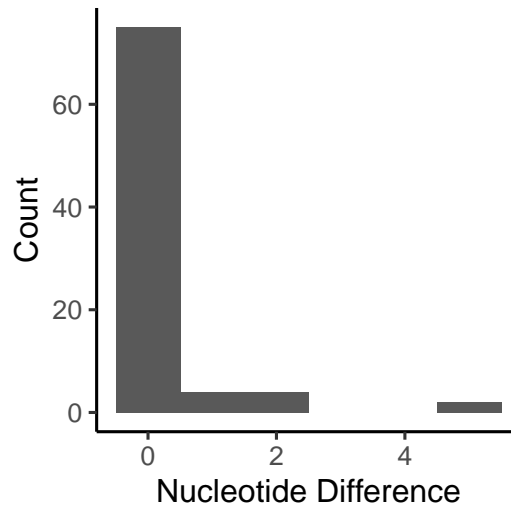
IGKV1-5*03_G171A

399 sequences assigned
292 (73.2%) exact matches, in which:
274 unique CDR3
5 unique J



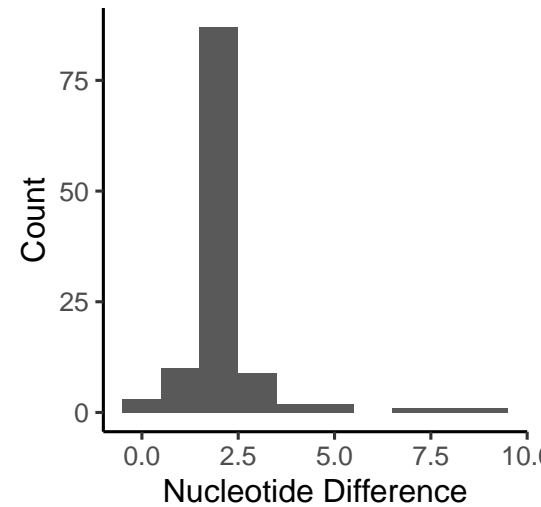
IGKV1-8*01

85 sequences assigned
75 (88.2%) exact matches, in which:
66 unique CDR3
5 unique J



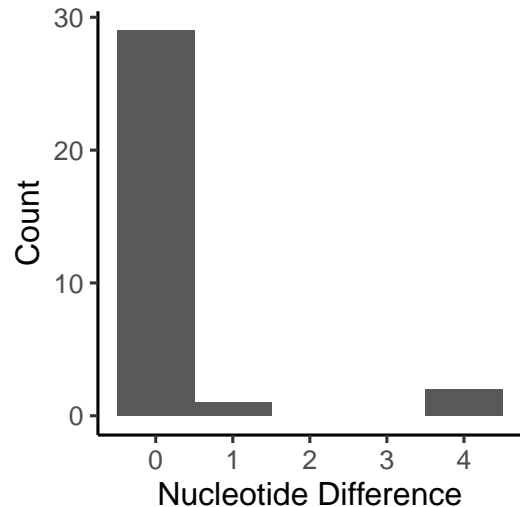
IGKV1-9*01_A270C

117 sequences assigned
3 (2.6%) exact matches, in which:
3 unique CDR3
2 unique J



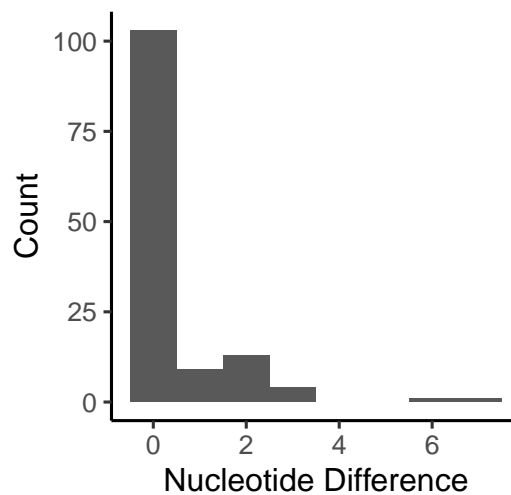
IGKV1-6*01

32 sequences assigned
29 (90.6%) exact matches, in which:
25 unique CDR3
5 unique J



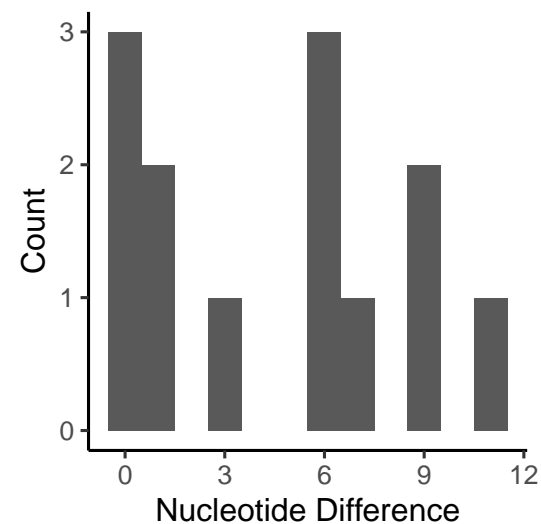
IGKV1-8*01_G12A_T31C

131 sequences assigned
103 (78.6%) exact matches, in which:
93 unique CDR3
5 unique J



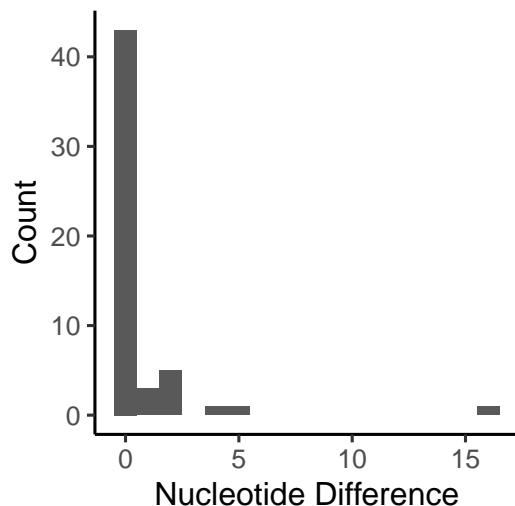
IGKV1-16*01

13 sequences assigned
3 (23.1%) exact matches, in which:
3 unique CDR3
3 unique J



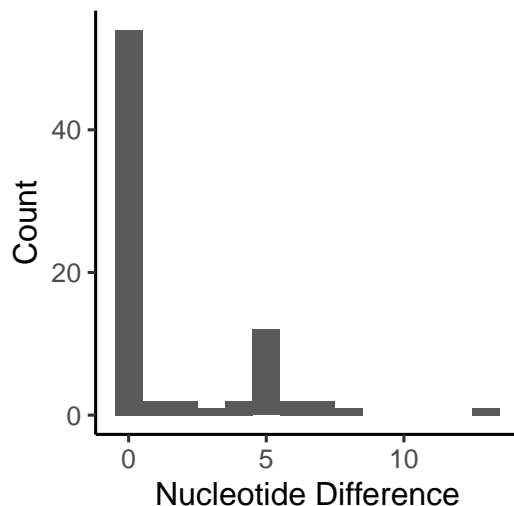
IGKV1-16*02

54 sequences assigned
43 (79.6%) exact matches, in which:
37 unique CDR3
5 unique J



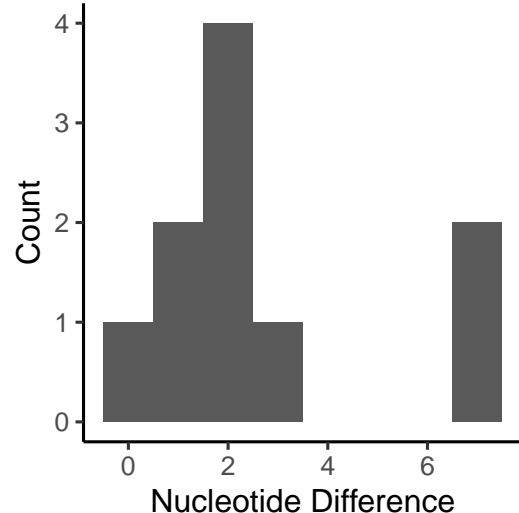
IGKV1-27*01

80 sequences assigned
54 (67.5%) exact matches, in which:
52 unique CDR3
5 unique J



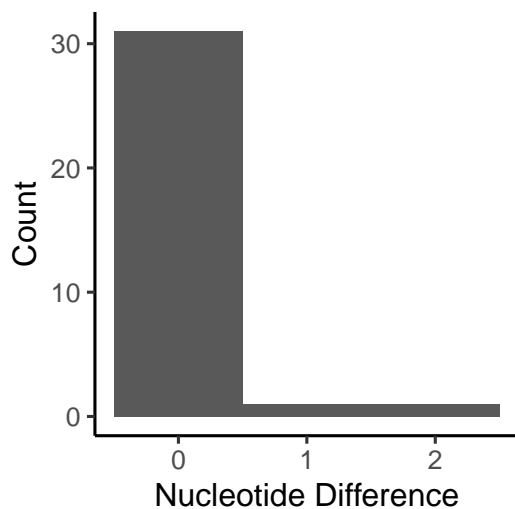
IGKV2/OR22-4*01

10 sequences assigned
1 (10%) exact matches, in which:
1 unique CDR3
1 unique J



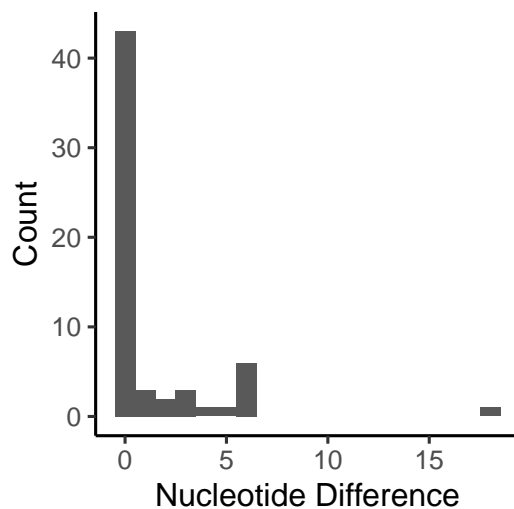
IGKV1-17*01

33 sequences assigned
31 (93.9%) exact matches, in which:
31 unique CDR3
4 unique J



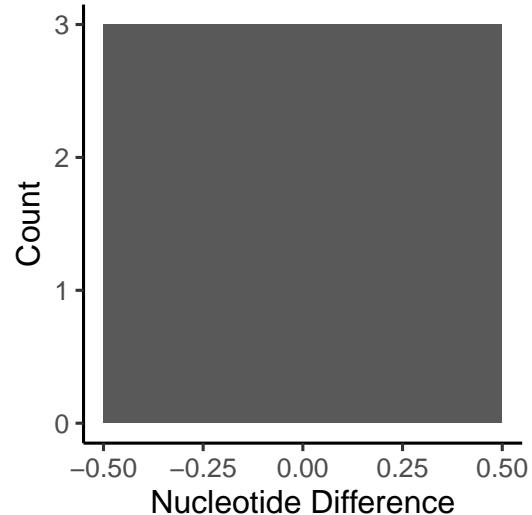
IGKV1-27*01_T231C

60 sequences assigned
43 (71.7%) exact matches, in which:
40 unique CDR3
5 unique J



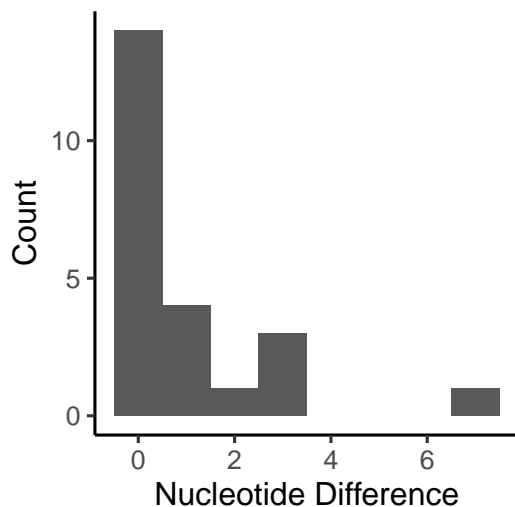
IGKV2-18*01

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



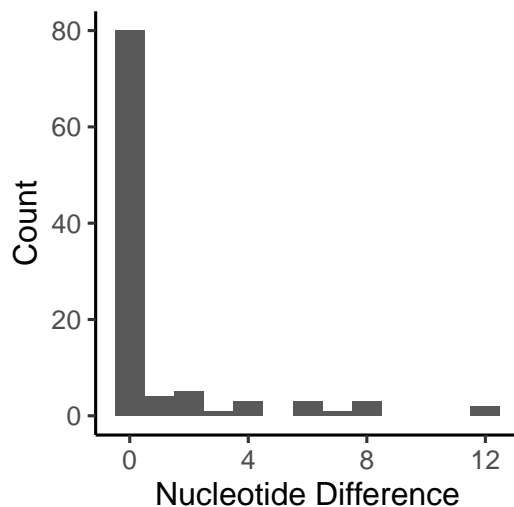
IGKV1-17*03

23 sequences assigned
14 (60.9%) exact matches, in which:
14 unique CDR3
5 unique J



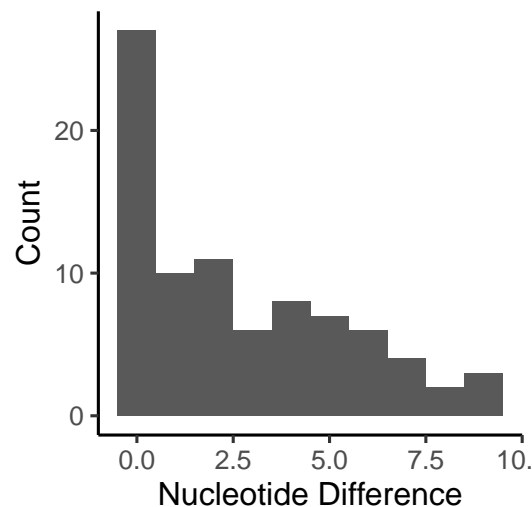
IGKV1-NL1*01

107 sequences assigned
80 (74.8%) exact matches, in which:
76 unique CDR3
5 unique J



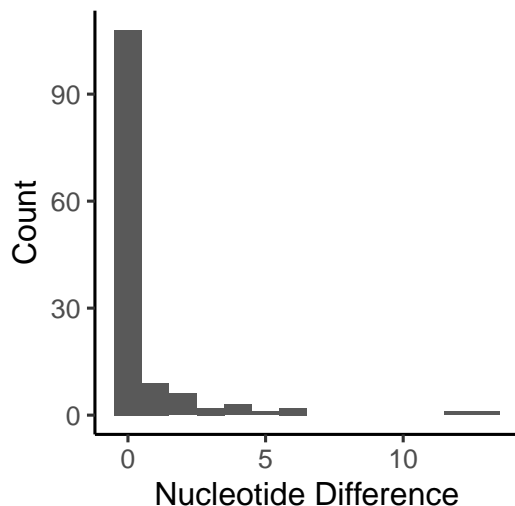
IGKV2-24*01

84 sequences assigned
27 (32.1%) exact matches, in which:
22 unique CDR3
5 unique J



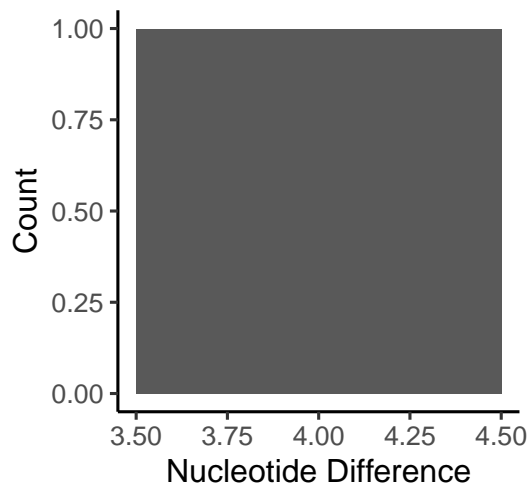
IGKV2-29*02

140 sequences assigned
108 (77.1%) exact matches, in which:
97 unique CDR3
5 unique J



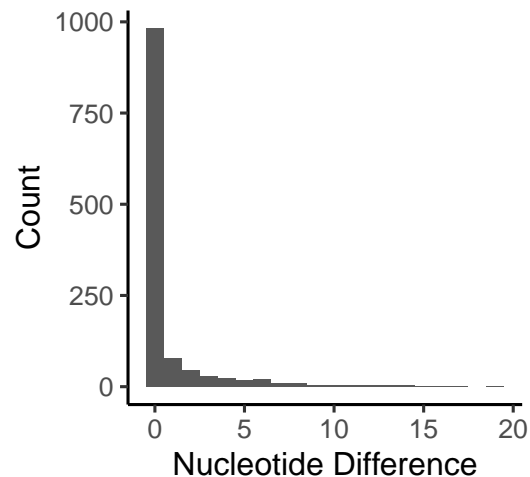
IGKV3-7*01

1 sequences assigned
No exact matches.



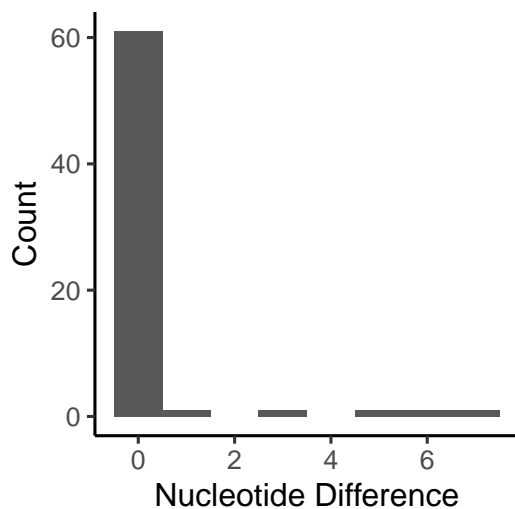
IGKV3-15*01

1247 sequences assigned
982 (78.7%) exact matches, in which:
773 unique CDR3
5 unique J



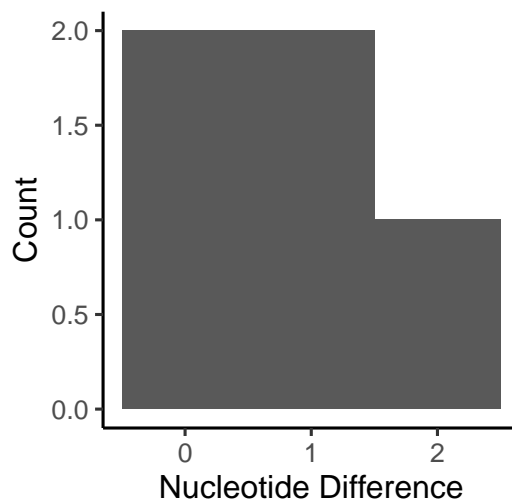
IGKV2-30*01

66 sequences assigned
61 (92.4%) exact matches, in which:
60 unique CDR3
5 unique J



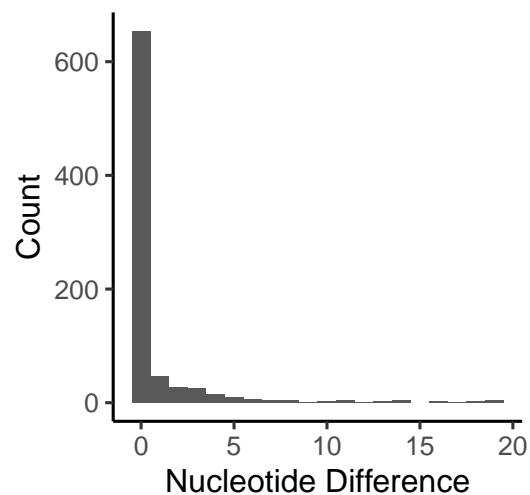
IGKV3-7*04

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



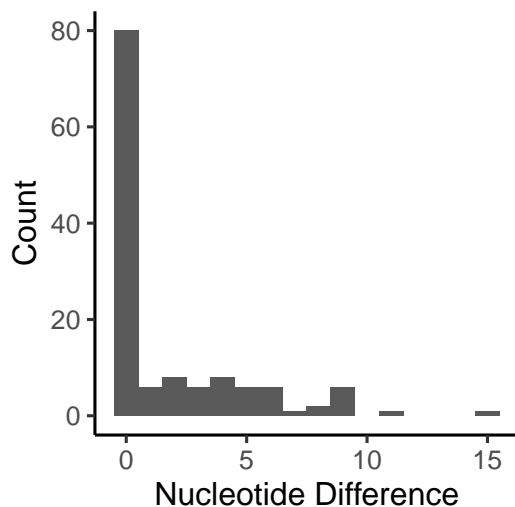
IGKV3-20*01

821 sequences assigned
654 (79.7%) exact matches, in which:
550 unique CDR3
5 unique J



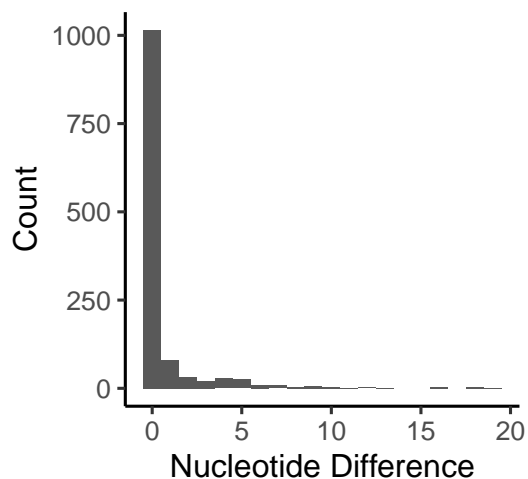
IGKV2-30*02

131 sequences assigned
80 (61.1%) exact matches, in which:
75 unique CDR3
5 unique J



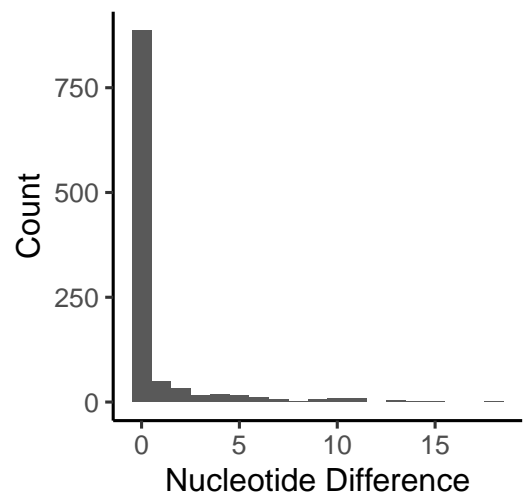
IGKV3-11*01

1245 sequences assigned
1015 (81.5%) exact matches, in which:
788 unique CDR3
5 unique J



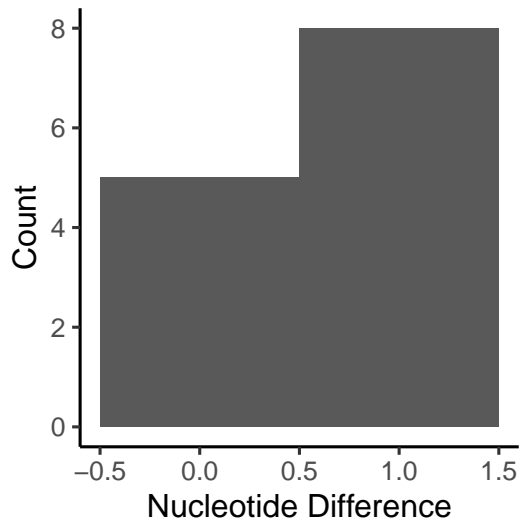
IGKV4-1*01

1064 sequences assigned
887 (83.4%) exact matches, in which:
549 unique CDR3
5 unique J



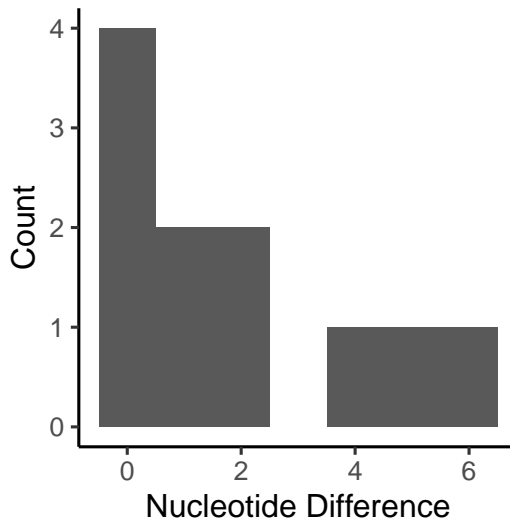
IGKV5–2*01

14 sequences assigned
5 (35.7%) exact matches, in which:
5 unique CDR3
2 unique J



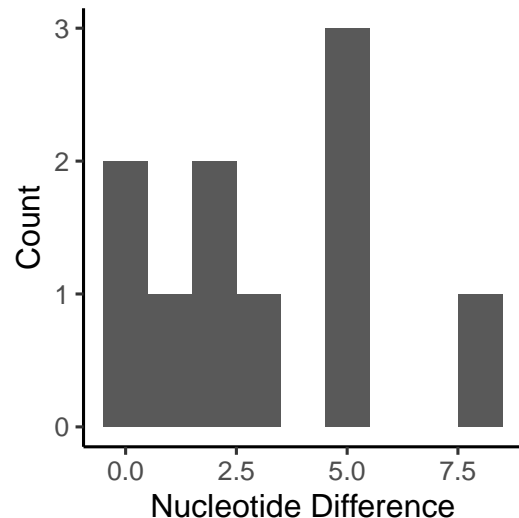
IGKV1D–8*03

11 sequences assigned
4 (36.4%) exact matches, in which:
4 unique CDR3
3 unique J



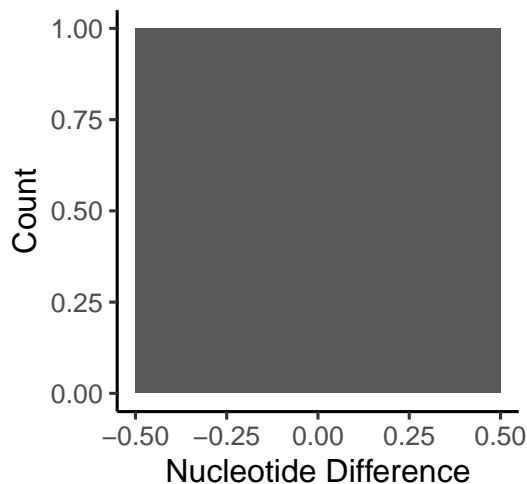
IGKV3D–11*02_C247T

11 sequences assigned
2 (18.2%) exact matches, in which:
2 unique CDR3
2 unique J



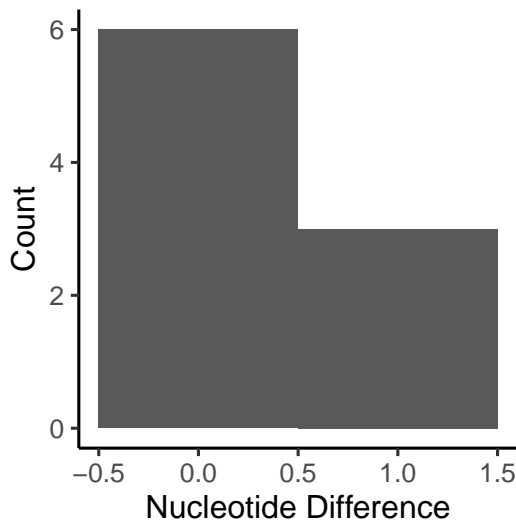
IGKV3D–7*01

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



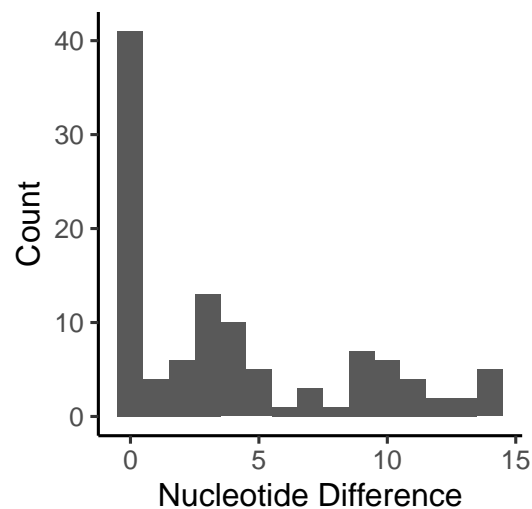
IGKV3D–11*02

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



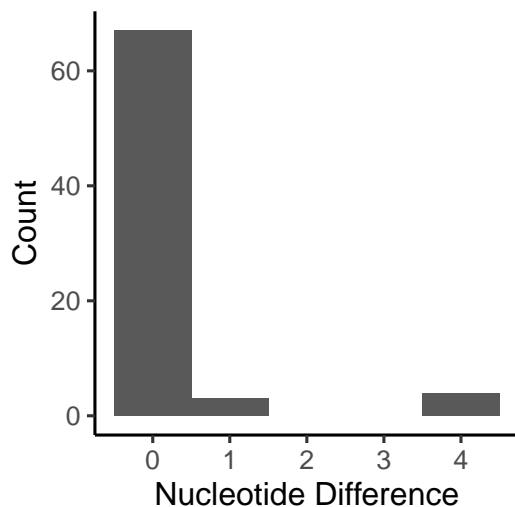
IGKV3D–15*01

110 sequences assigned
41 (37.3%) exact matches, in which:
39 unique CDR3
5 unique J



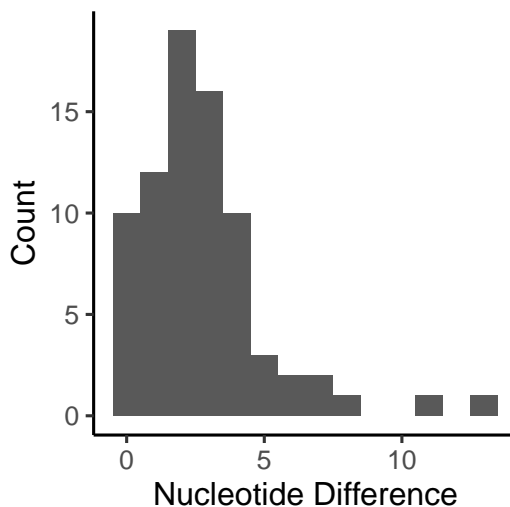
IGKV1D–8*01

74 sequences assigned
67 (90.5%) exact matches, in which:
49 unique CDR3
5 unique J



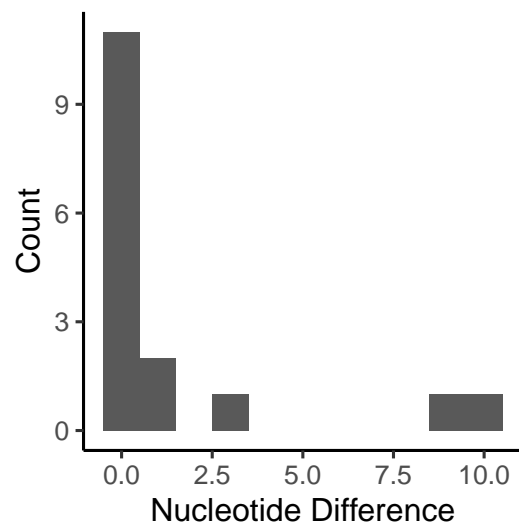
IGKV3D–11*02_A167G_C

82 sequences assigned
10 (12.2%) exact matches, in which:
10 unique CDR3
3 unique J



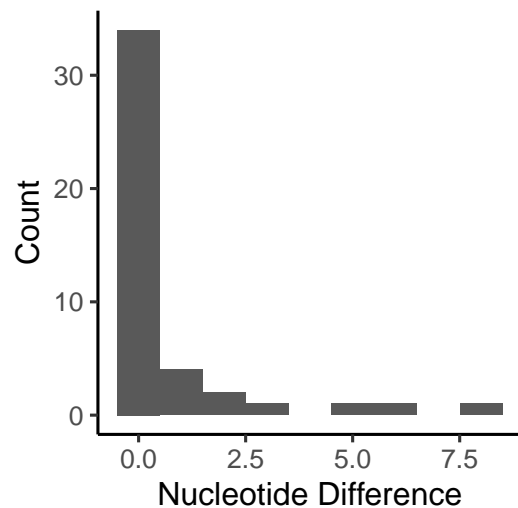
IGKV1D–16*01

16 sequences assigned
11 (68.8%) exact matches, in which:
10 unique CDR3
4 unique J



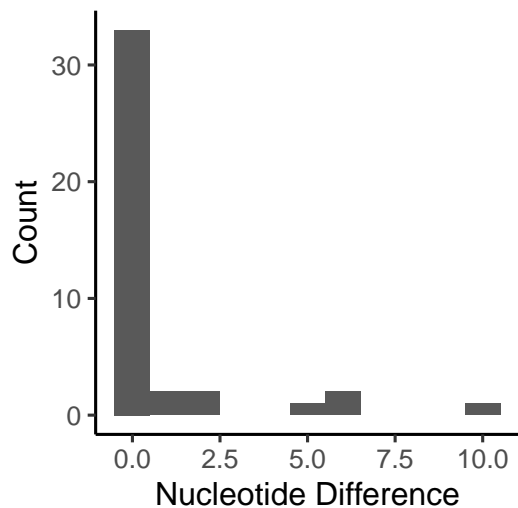
IGKV3D-20*01

44 sequences assigned
34 (77.3%) exact matches, in which:
34 unique CDR3
4 unique J



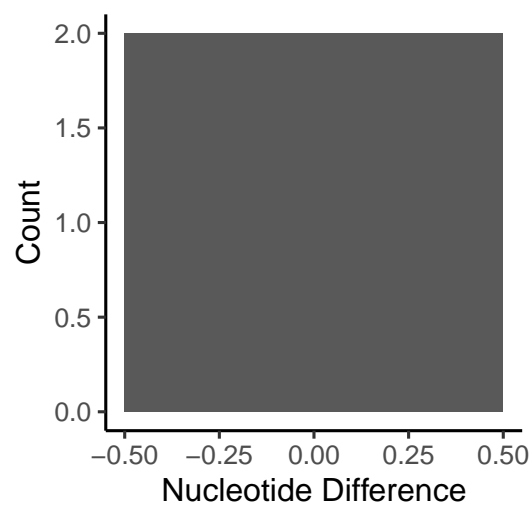
IGKV2D-29*01

41 sequences assigned
33 (80.5%) exact matches, in which:
32 unique CDR3
5 unique J



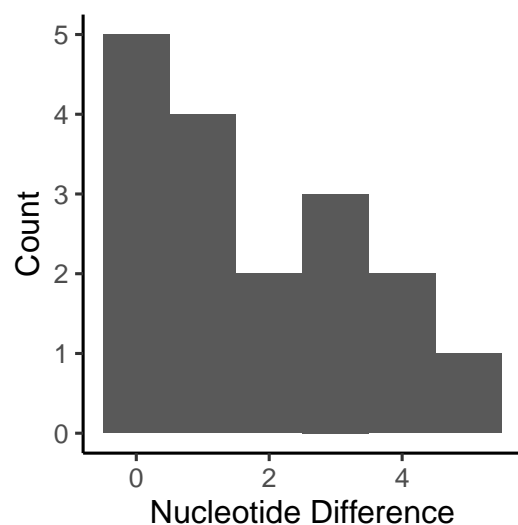
IGKV6D-41*01

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



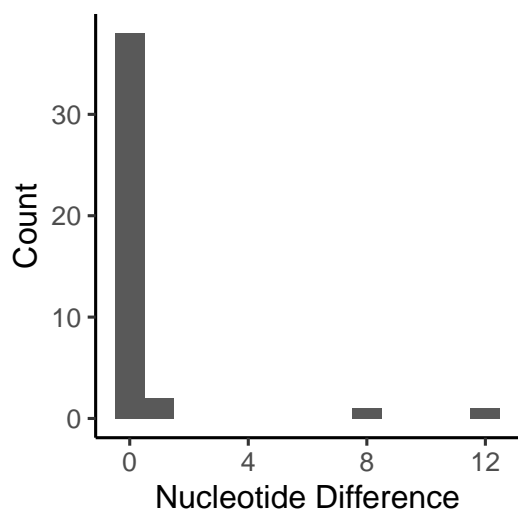
IGKV2D-24*01

17 sequences assigned
5 (29.4%) exact matches, in which:
4 unique CDR3
2 unique J



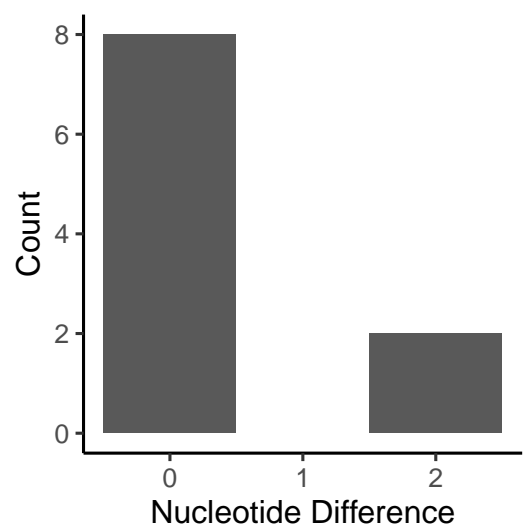
IGKV2D-29*02

42 sequences assigned
38 (90.5%) exact matches, in which:
38 unique CDR3
5 unique J



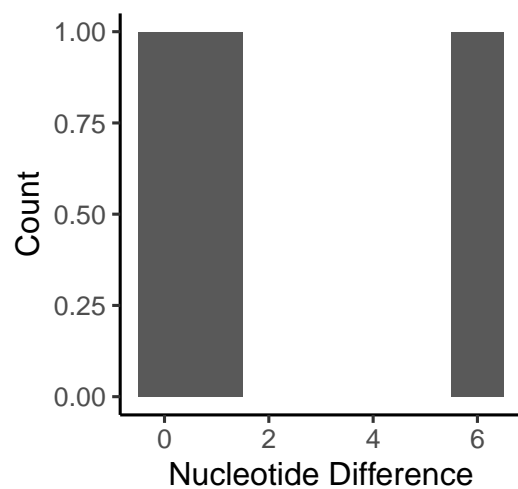
IGKV1D-43*01

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



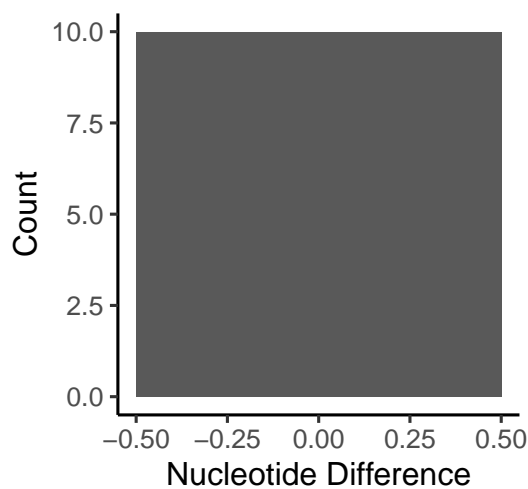
IGKV2D-26*03

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



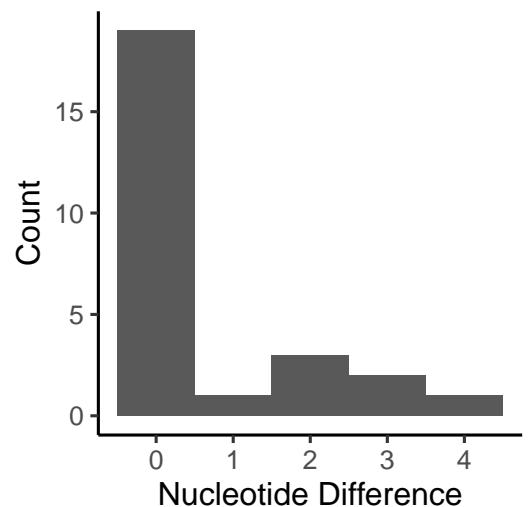
IGKV2D-30*01

10 sequences assigned
10 (100%) exact matches, in which:
10 unique CDR3
5 unique J



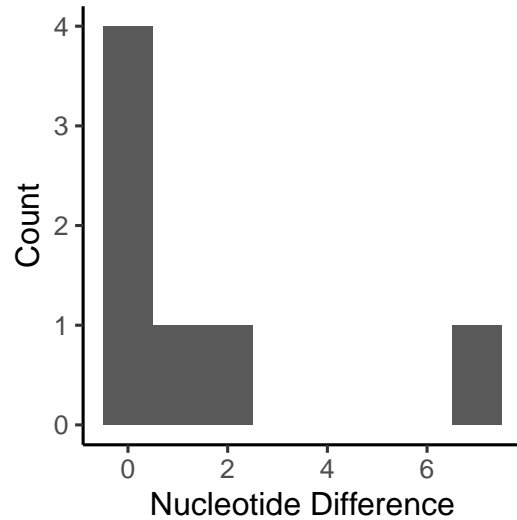
IGKV1E-12*01

26 sequences assigned
19 (73.1%) exact matches, in which:
17 unique CDR3
5 unique J



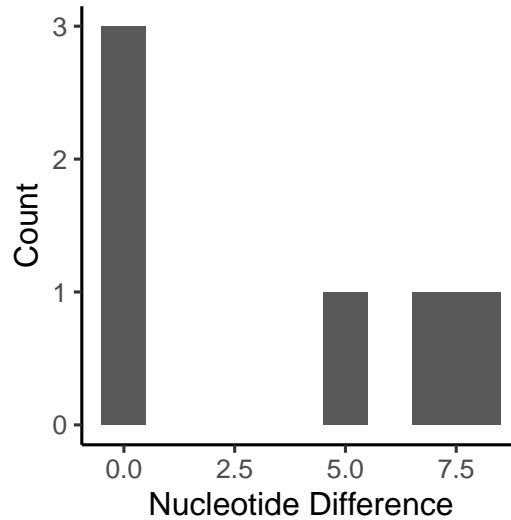
IGKV1E-12*02

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
2 unique J



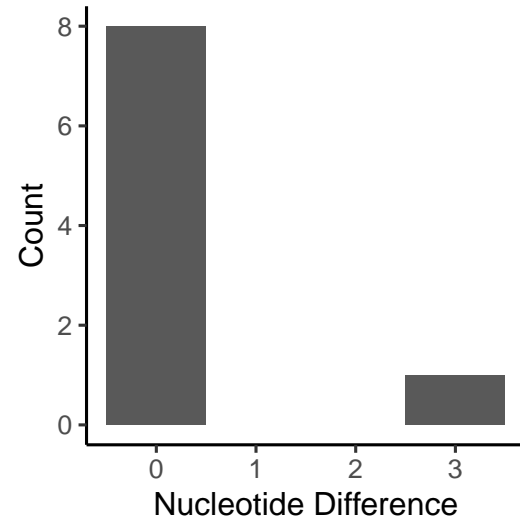
IGKV1E-13*02

6 sequences assigned
3 (50%) exact matches, in which:
3 unique CDR3
2 unique J



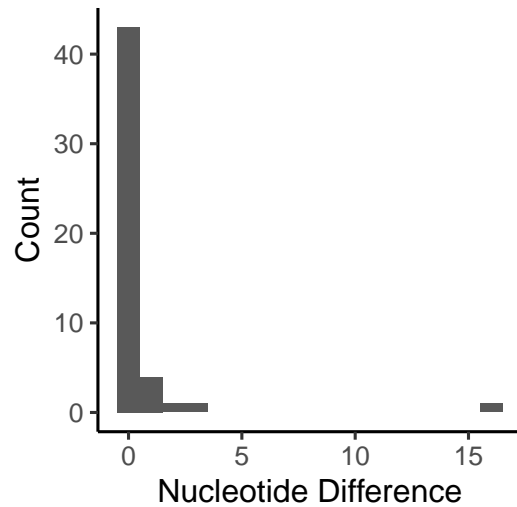
IGKV6E-21*03

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



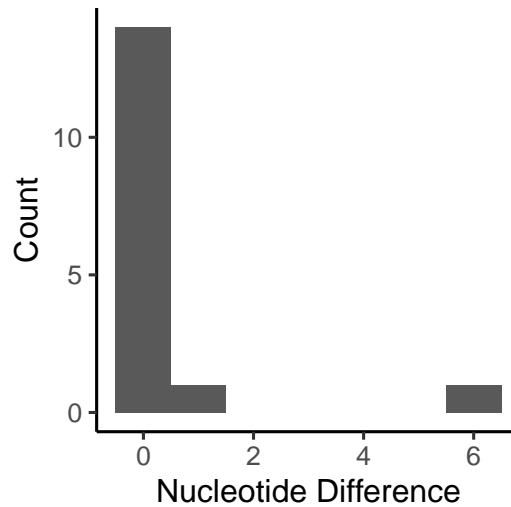
IGKV1E-12*03

50 sequences assigned
43 (86%) exact matches, in which:
37 unique CDR3
5 unique J



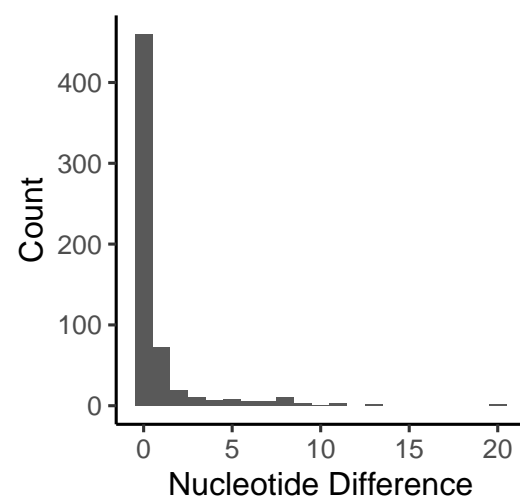
IGKV1E-13*03

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



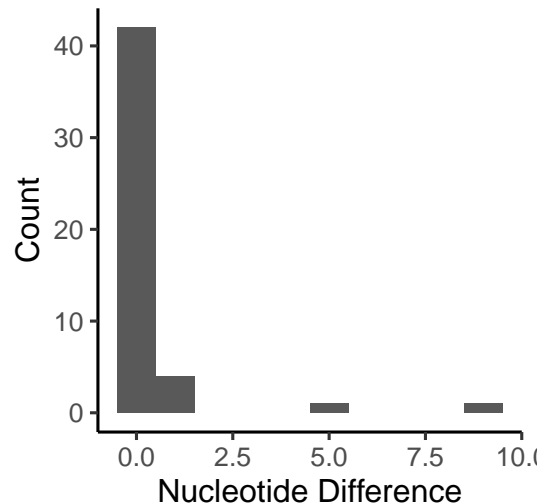
IGKV2E-28*01

610 sequences assigned
460 (75.4%) exact matches, in which:
372 unique CDR3
5 unique J



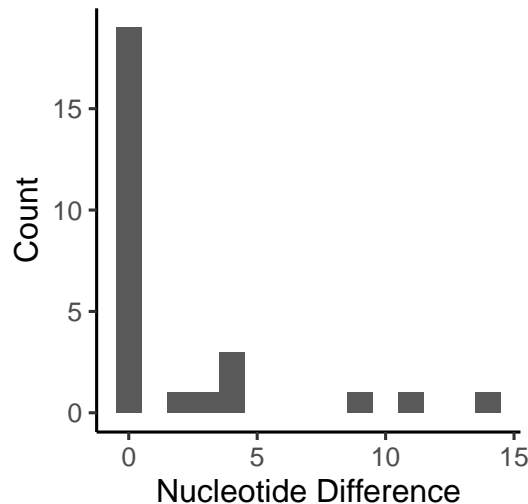
IGKV1E-12*01_C279G

48 sequences assigned
42 (87.5%) exact matches, in which:
38 unique CDR3
5 unique J



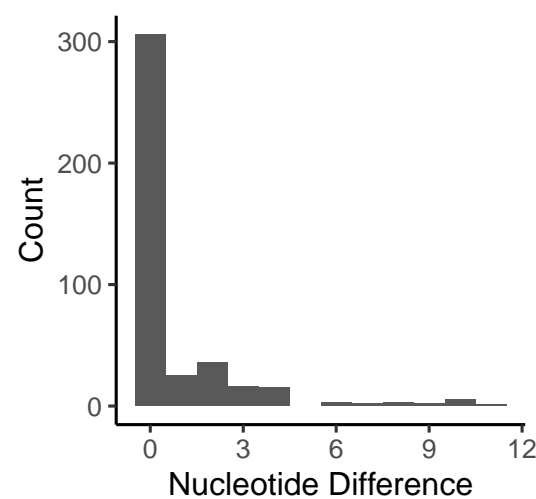
IGKV6E-21*01

28 sequences assigned
19 (67.9%) exact matches, in which:
17 unique CDR3
4 unique J



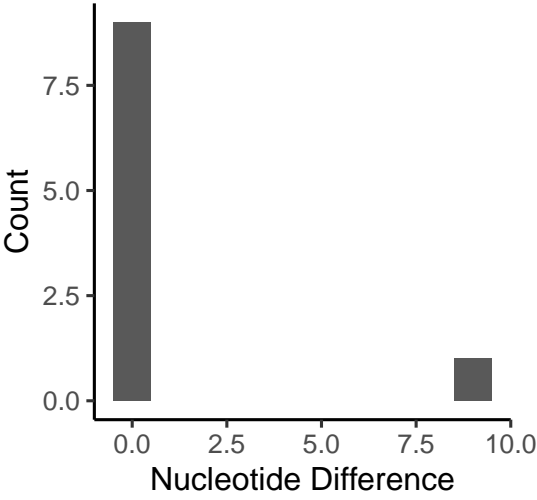
IGKV1E-33*01

418 sequences assigned
306 (73.2%) exact matches, in which:
237 unique CDR3
5 unique J



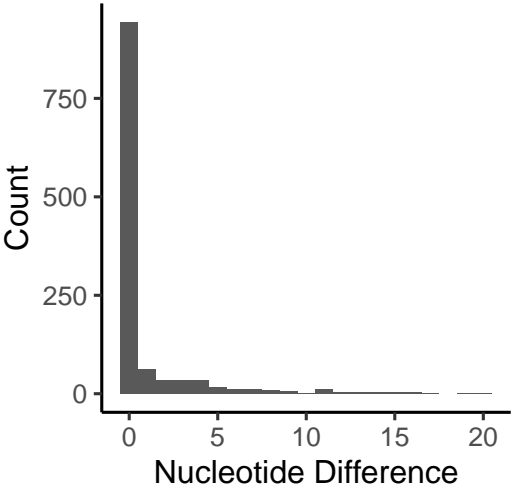
IGKV1E-37*01

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



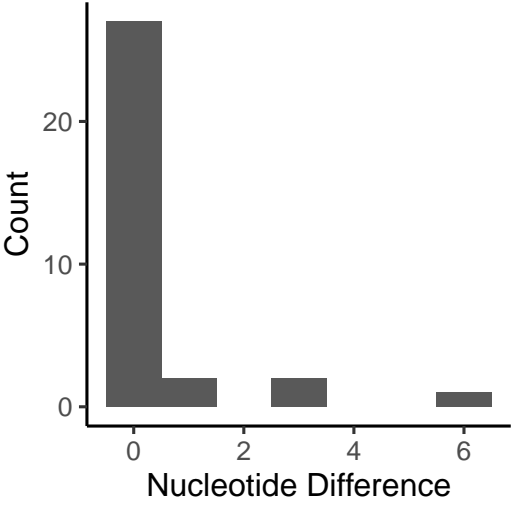
IGKV1E-39*01

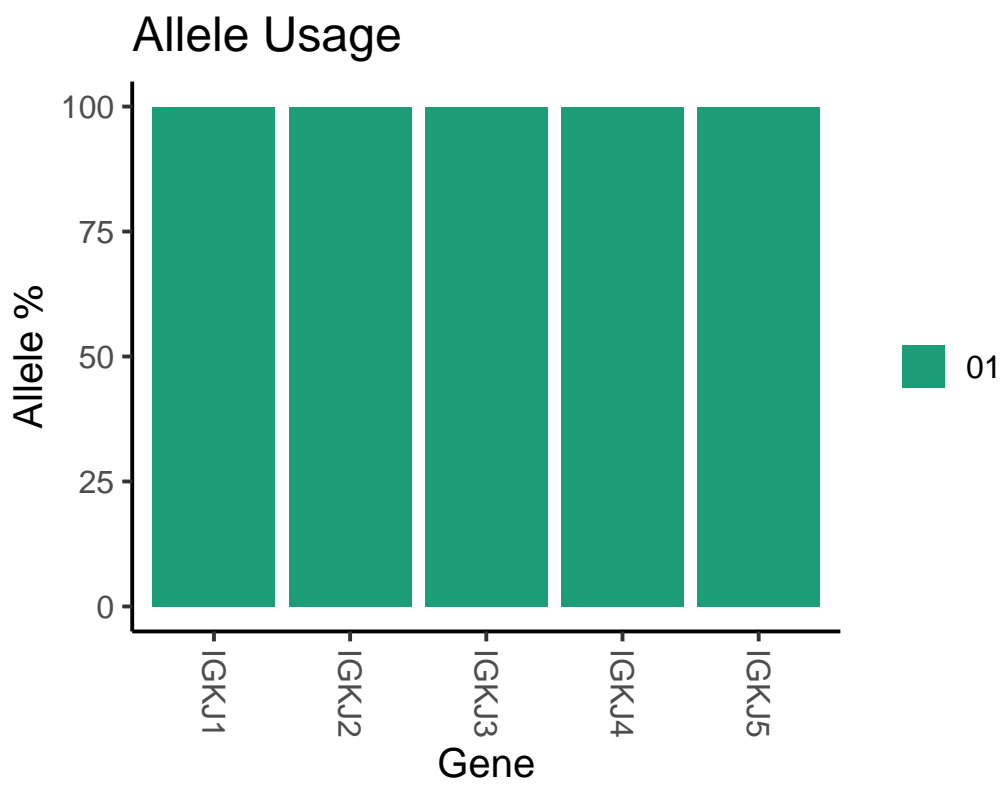
1203 sequences assigned
944 (78.5%) exact matches, in which:
645 unique CDR3
5 unique J



IGKV2E-40*01

32 sequences assigned
27 (84.4%) exact matches, in which:
22 unique CDR3
5 unique J





Warning – no inferred sequences found.