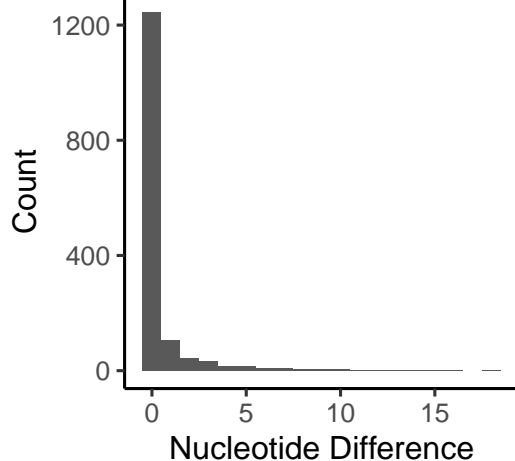


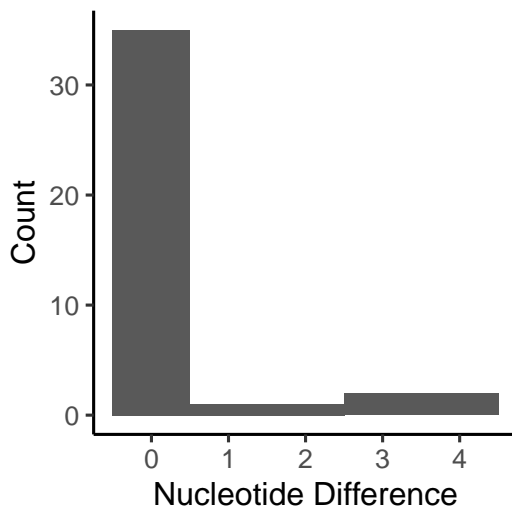
IGKV1-5*01

1502 sequences assigned
1244 (82.8%) exact matches, in which:
1019 unique CDR3
5 unique J



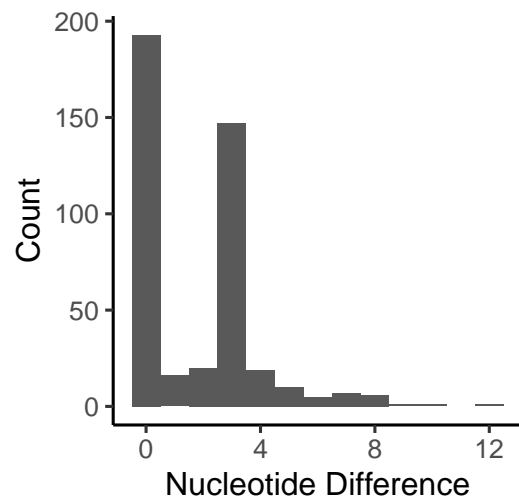
IGKV1-6*01_G9A

41 sequences assigned
35 (85.4%) exact matches, in which:
33 unique CDR3
4 unique J



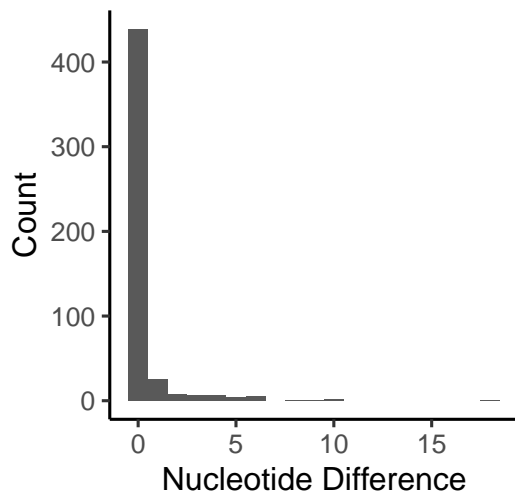
IGKV1-9*01

426 sequences assigned
193 (45.3%) exact matches, in which:
166 unique CDR3
5 unique J



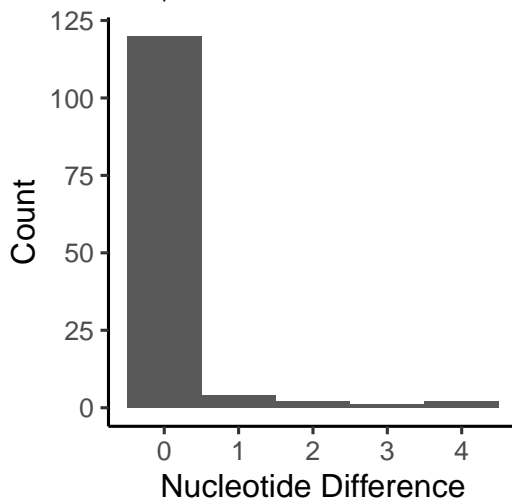
IGKV1-5*03_A144C

500 sequences assigned
439 (87.8%) exact matches, in which:
386 unique CDR3
5 unique J



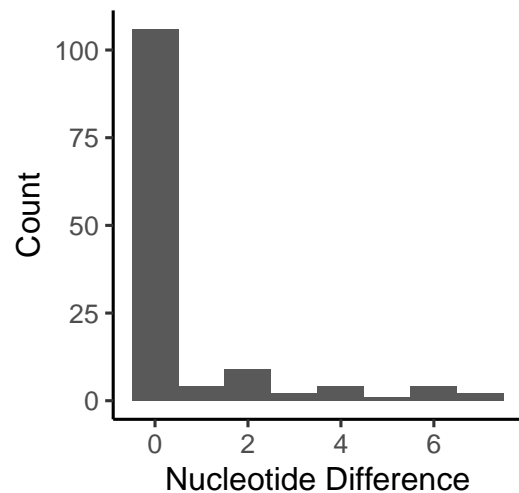
IGKV1-8*01

129 sequences assigned
120 (93%) exact matches, in which:
103 unique CDR3
5 unique J



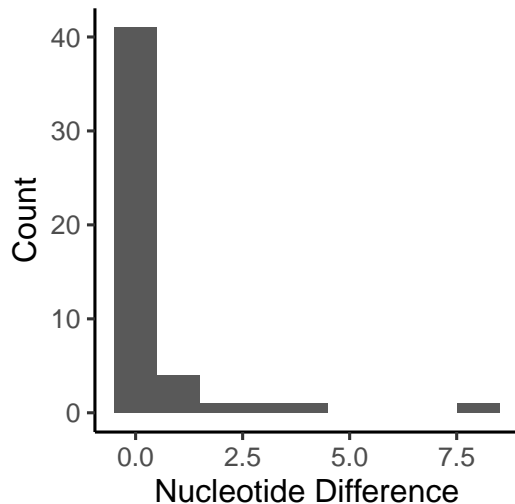
IGKV1-16*02

132 sequences assigned
106 (80.3%) exact matches, in which:
84 unique CDR3
5 unique J



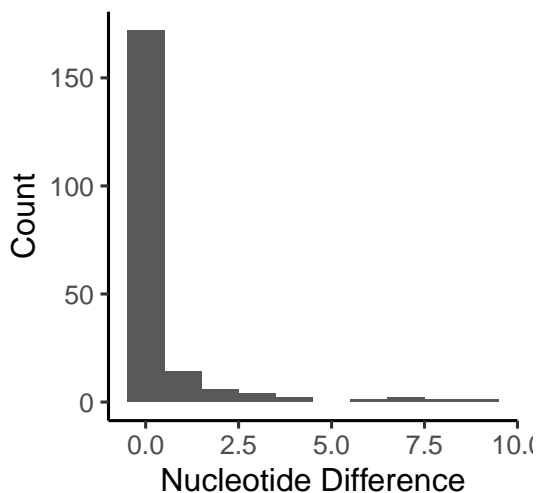
IGKV1-6*01

49 sequences assigned
41 (83.7%) exact matches, in which:
37 unique CDR3
5 unique J



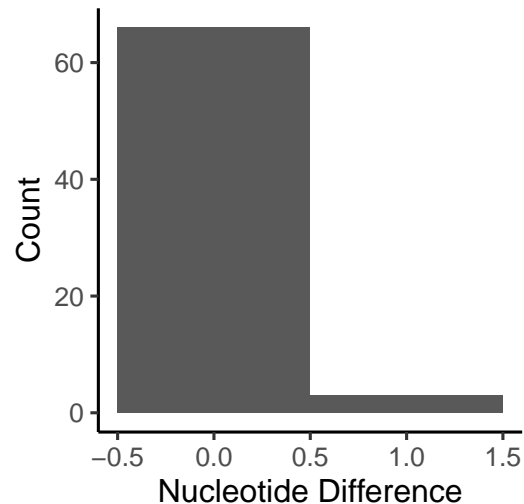
IGKV1-8*01_T31C

203 sequences assigned
172 (84.7%) exact matches, in which:
140 unique CDR3
5 unique J



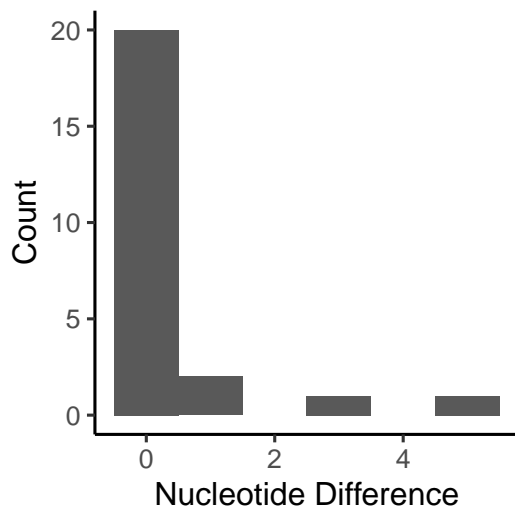
IGKV1-17*01

70 sequences assigned
66 (94.3%) exact matches, in which:
57 unique CDR3
5 unique J



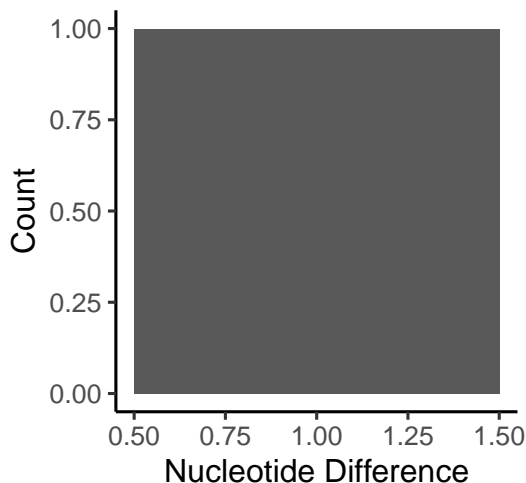
IGKV1-17*03

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



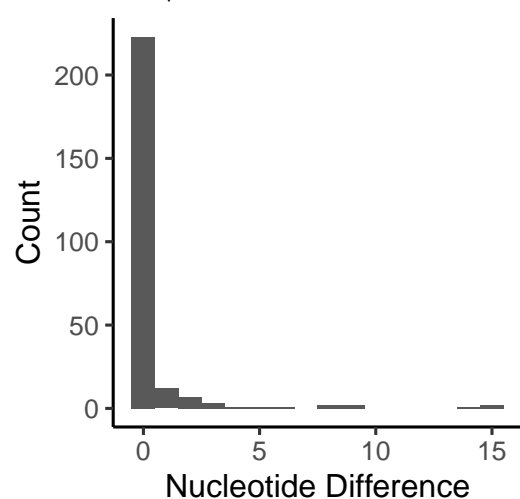
IGKV2-18*01

1 sequences assigned
No exact matches.



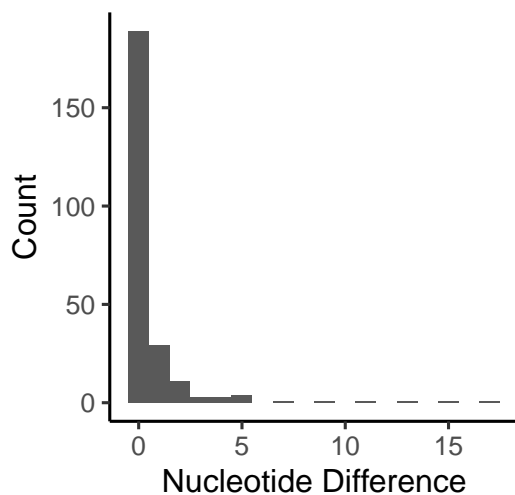
IGKV2-30*01

255 sequences assigned
223 (87.5%) exact matches, in which:
208 unique CDR3
5 unique J



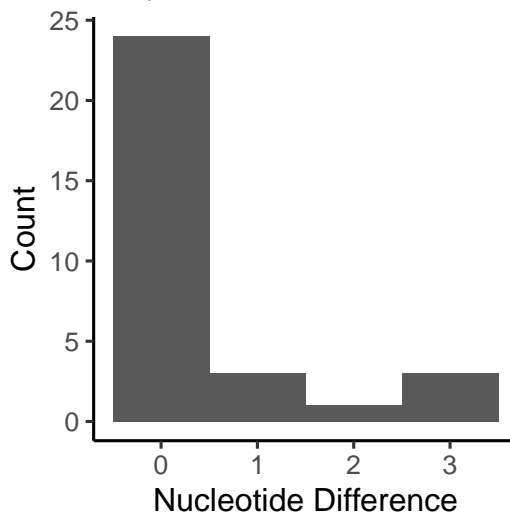
IGKV1-27*01

245 sequences assigned
189 (77.1%) exact matches, in which:
158 unique CDR3
5 unique J



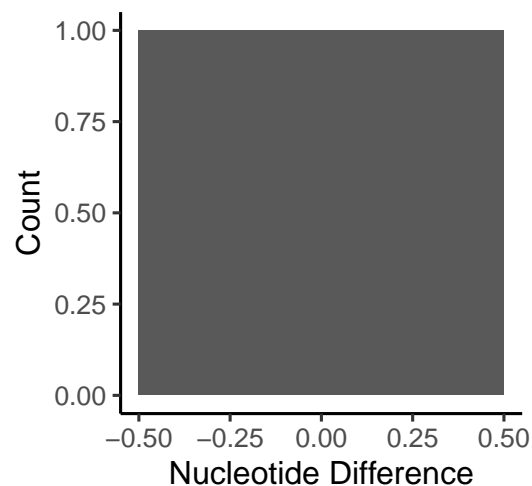
IGKV2-24*01

31 sequences assigned
24 (77.4%) exact matches, in which:
21 unique CDR3
4 unique J



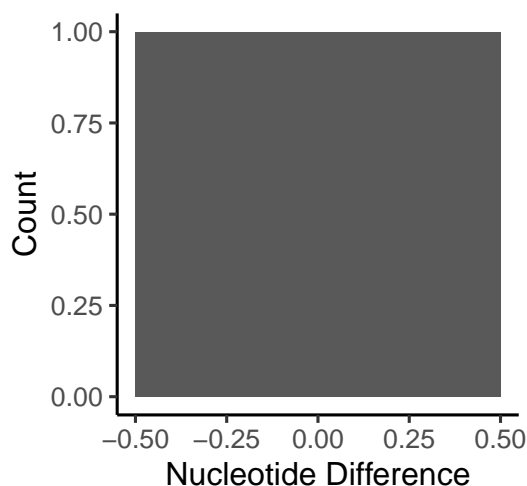
IGKV1/OR2-108*01

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



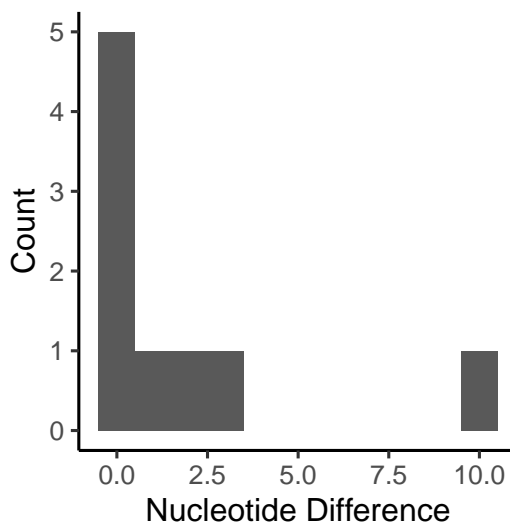
IGKV2-4*01

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



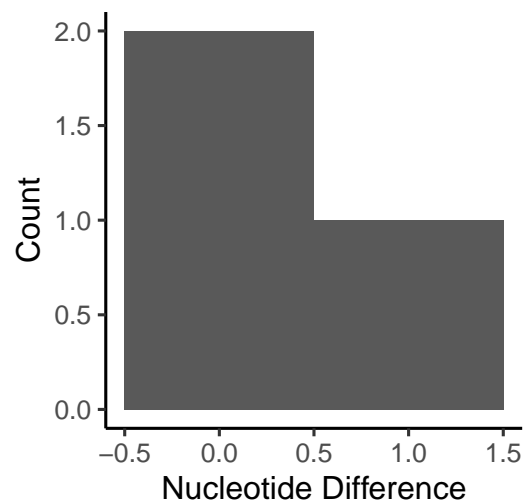
IGKV2-29*03

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



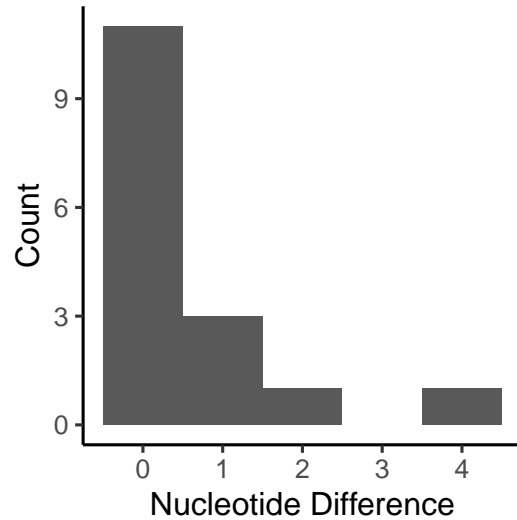
IGKV3/OR2-268*01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
1 unique J



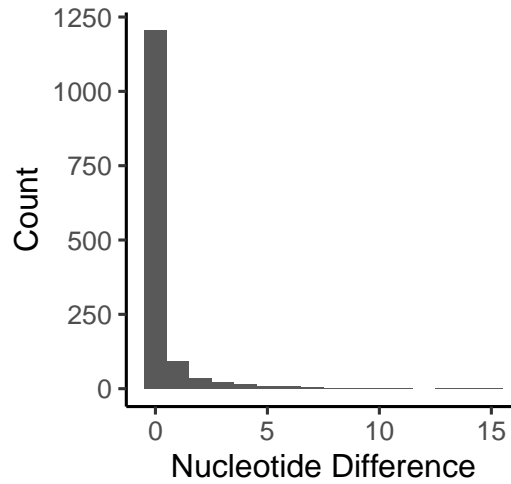
IGKV3-7*04

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



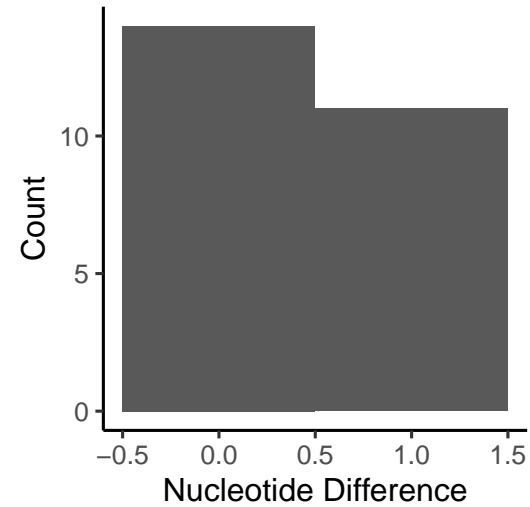
IGKV3-20*01

1407 sequences assigned
1205 (85.6%) exact matches, in which:
912 unique CDR3
5 unique J



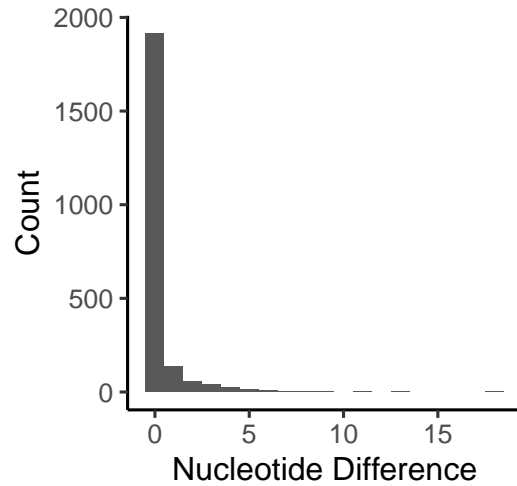
IGKV5-2*01

25 sequences assigned
14 (56%) exact matches, in which:
14 unique CDR3
4 unique J



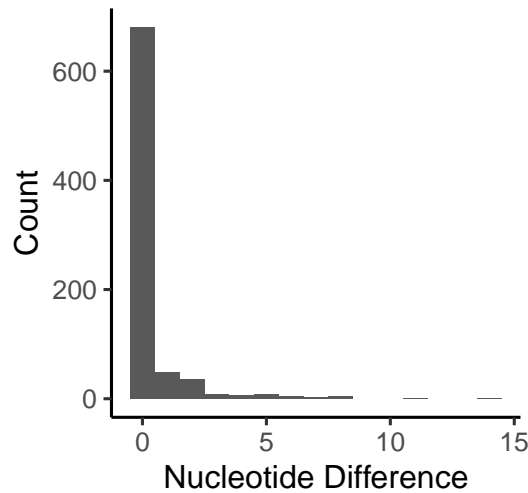
IGKV3-11*01

2204 sequences assigned
1913 (86.8%) exact matches, in which:
1356 unique CDR3
5 unique J



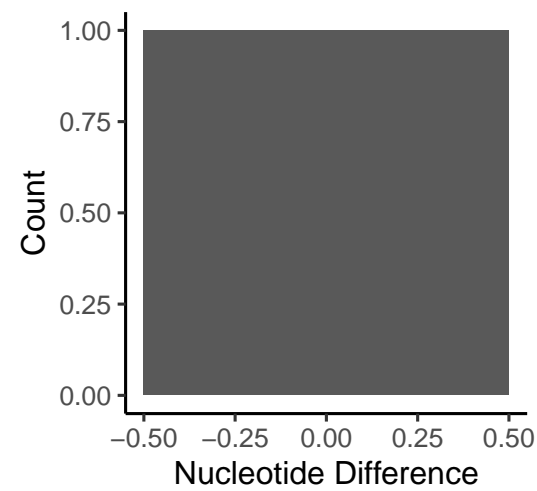
IGKV4-1*01

800 sequences assigned
681 (85.1%) exact matches, in which:
509 unique CDR3
5 unique J



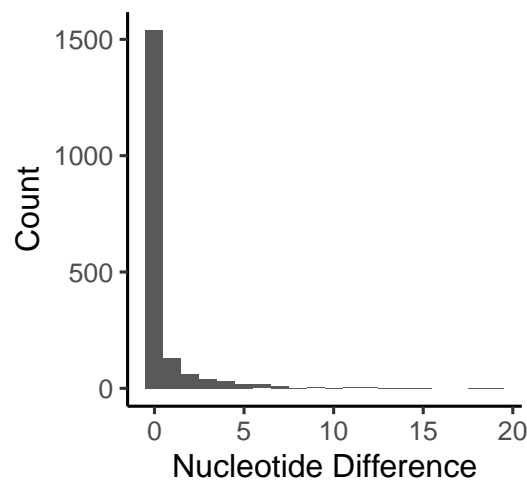
IGKV7-3*01

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



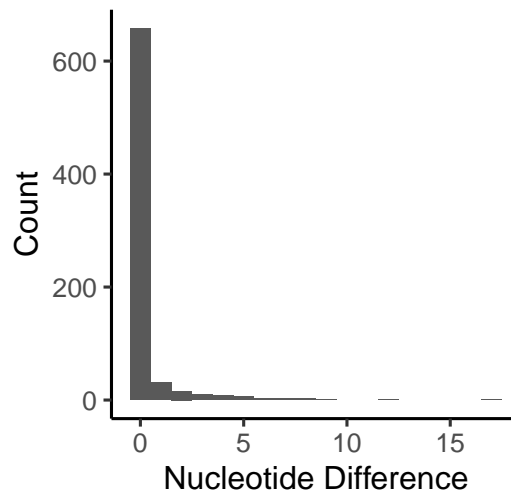
IGKV3-15*01

1870 sequences assigned
1540 (82.4%) exact matches, in which:
1140 unique CDR3
5 unique J



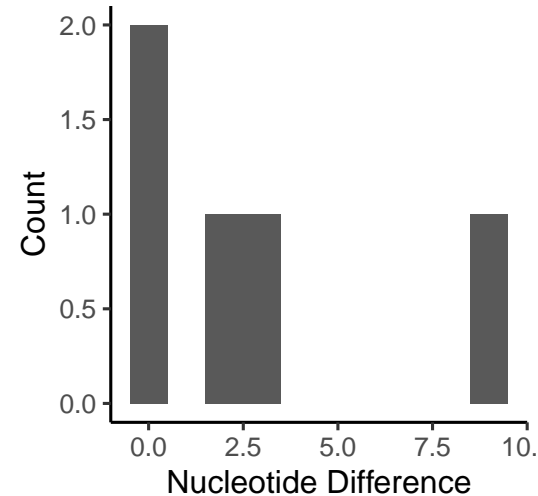
IGKV4-1*01_A318G

741 sequences assigned
658 (88.8%) exact matches, in which:
467 unique CDR3
5 unique J



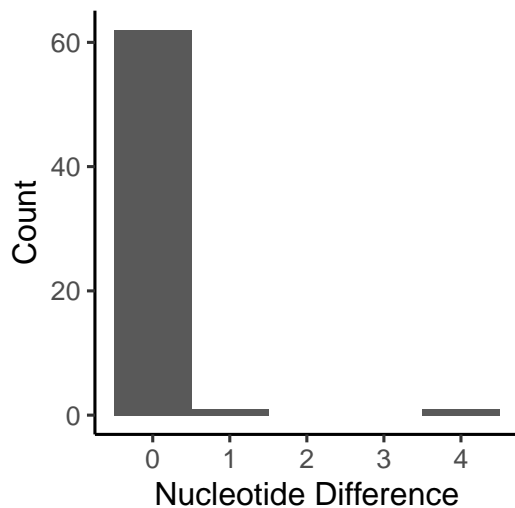
IGKV3D-7*01

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



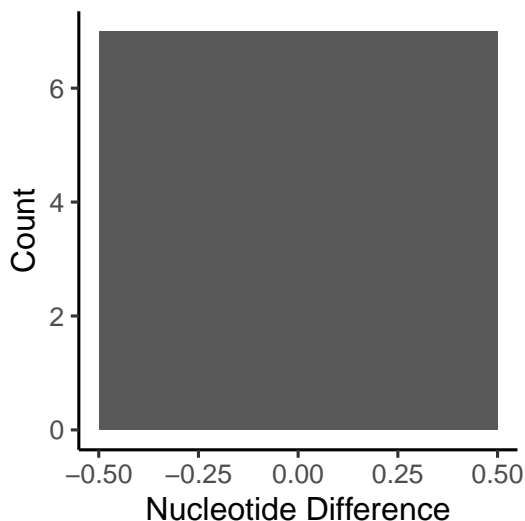
IGKV1D-8*01

64 sequences assigned
62 (96.9%) exact matches, in which:
47 unique CDR3
5 unique J



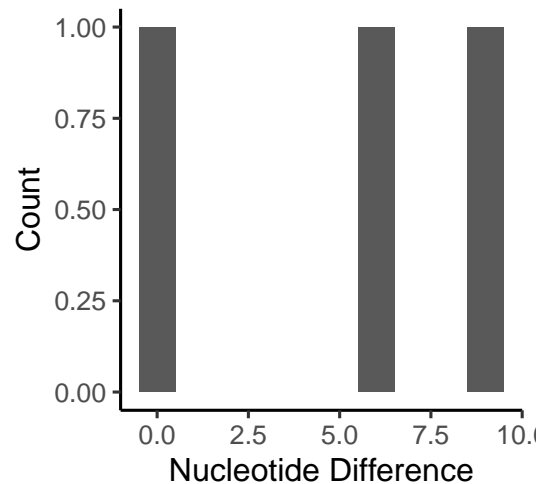
IGKV3D-11*02

7 sequences assigned
7 (100%) exact matches, in which:
7 unique CDR3
4 unique J



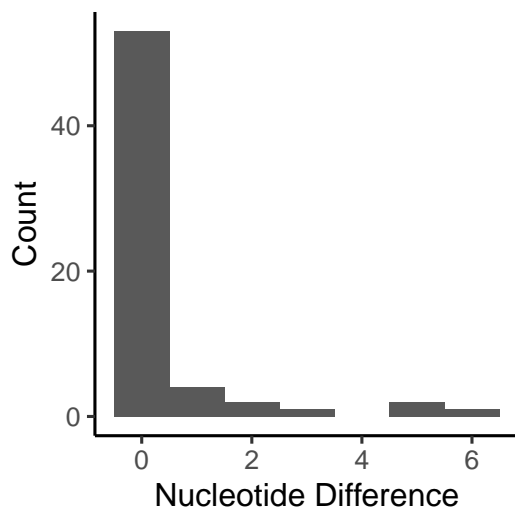
IGKV1D-16*01

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



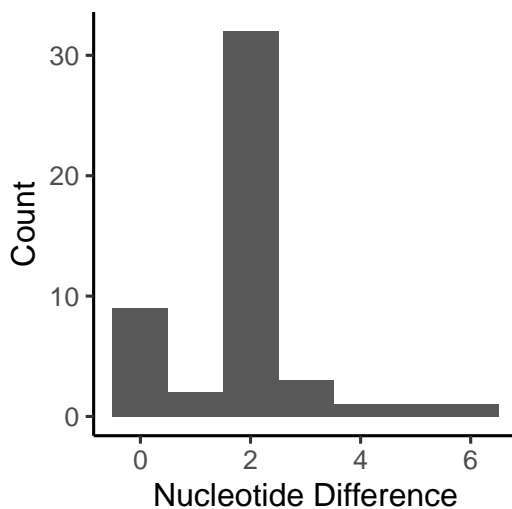
IGKV1D-8*03

63 sequences assigned
53 (84.1%) exact matches, in which:
38 unique CDR3
5 unique J



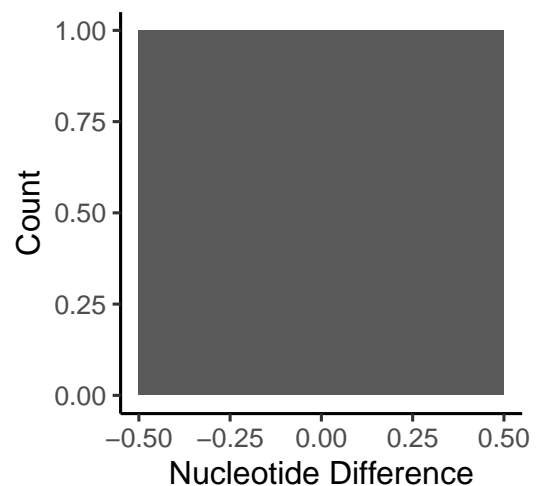
IGKV3D-15*01

49 sequences assigned
9 (18.4%) exact matches, in which:
9 unique CDR3
4 unique J



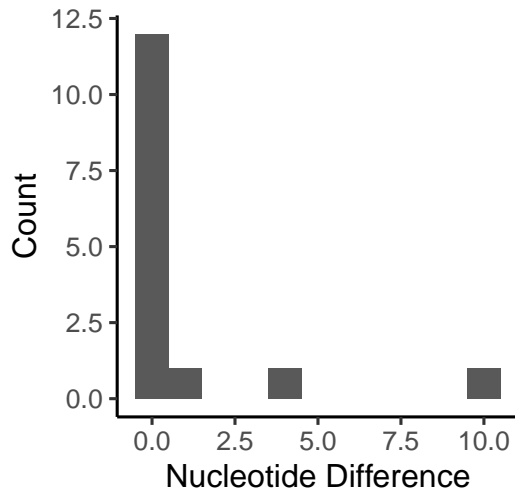
IGKV1D-16*02

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



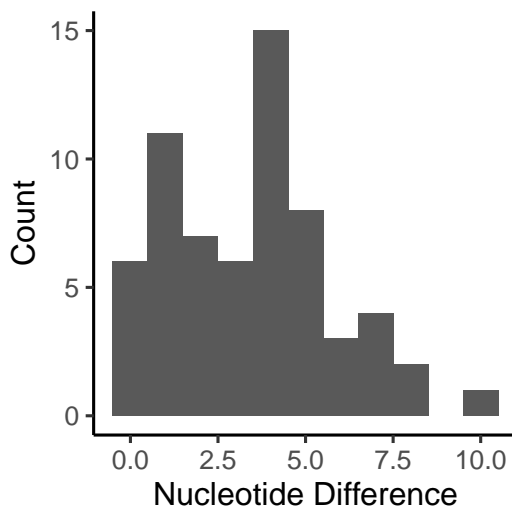
IGKV3D-11*01

15 sequences assigned
12 (80%) exact matches, in which:
12 unique CDR3
4 unique J



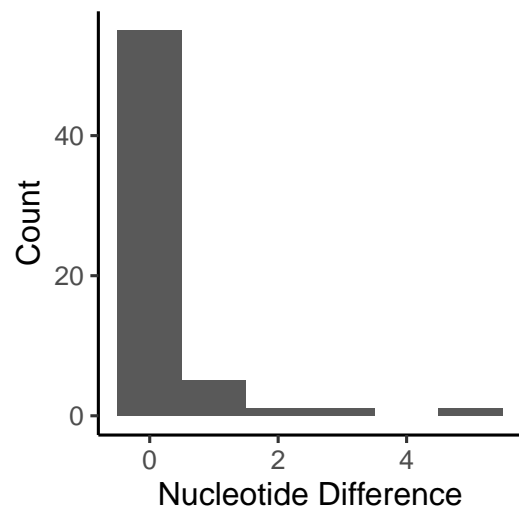
IGKV3D-15*01_G258C_C

63 sequences assigned
6 (9.5%) exact matches, in which:
6 unique CDR3
2 unique J



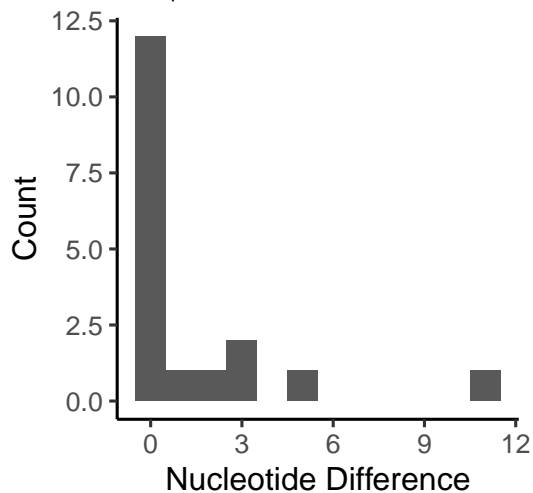
IGKV3D-20*01

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



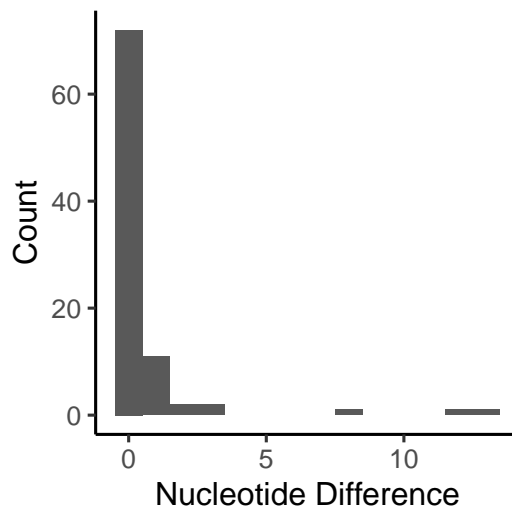
IGKV3D-20*02_C26G_A

18 sequences assigned
12 (66.7%) exact matches, in which:
12 unique CDR3
4 unique J



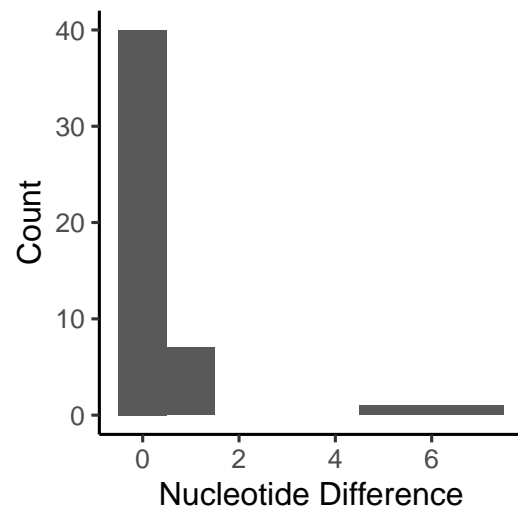
IGKV2D-29*01

90 sequences assigned
72 (80%) exact matches, in which:
62 unique CDR3
5 unique J



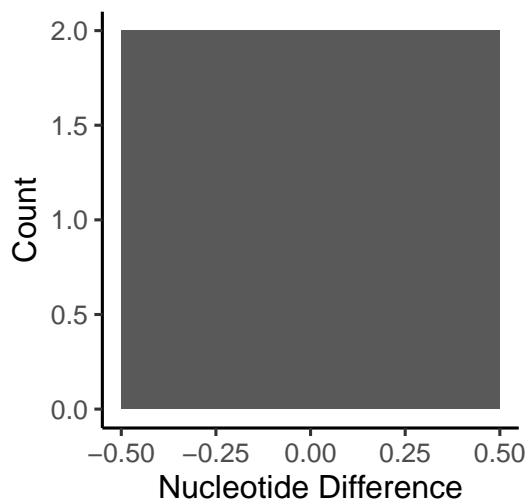
IGKV1E-12*01

50 sequences assigned
40 (80%) exact matches, in which:
35 unique CDR3
5 unique J



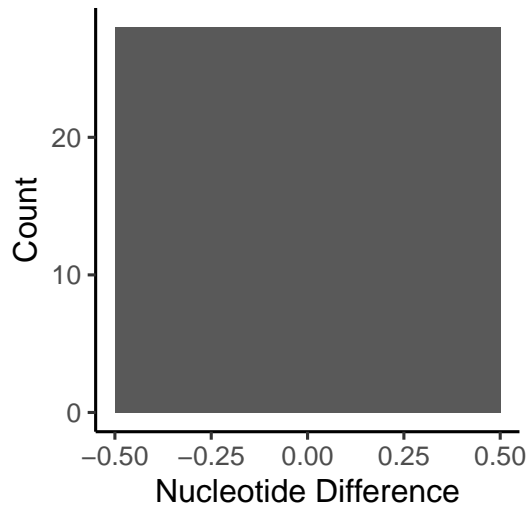
IGKV2D-24*01

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



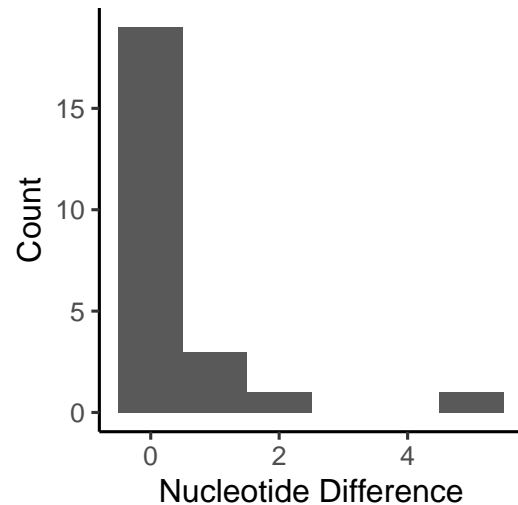
IGKV2D-30*01

28 sequences assigned
28 (100%) exact matches, in which:
27 unique CDR3
5 unique J



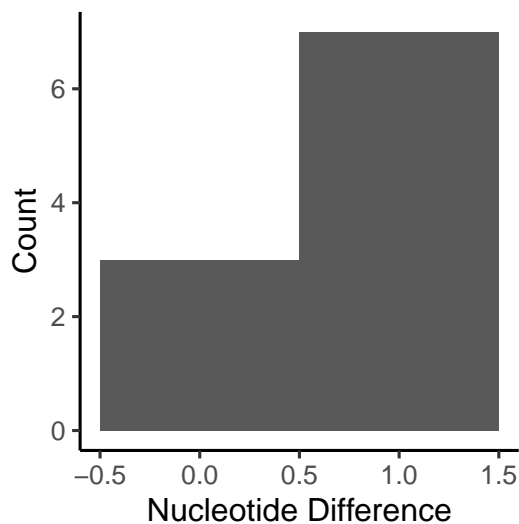
IGKV1E-12*02

24 sequences assigned
19 (79.2%) exact matches, in which:
12 unique CDR3
5 unique J



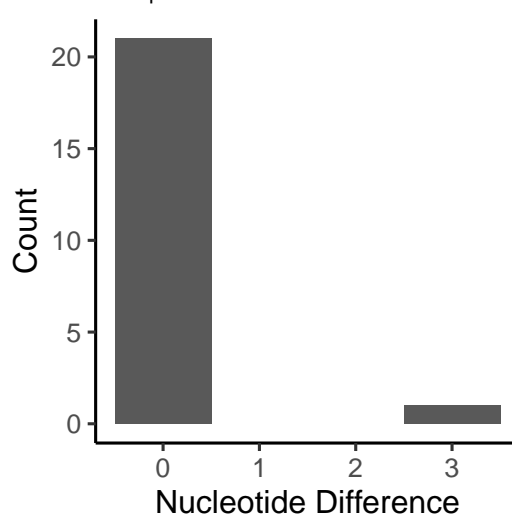
IGKV2D-26*03

10 sequences assigned
3 (30%) exact matches, in which:
3 unique CDR3
2 unique J



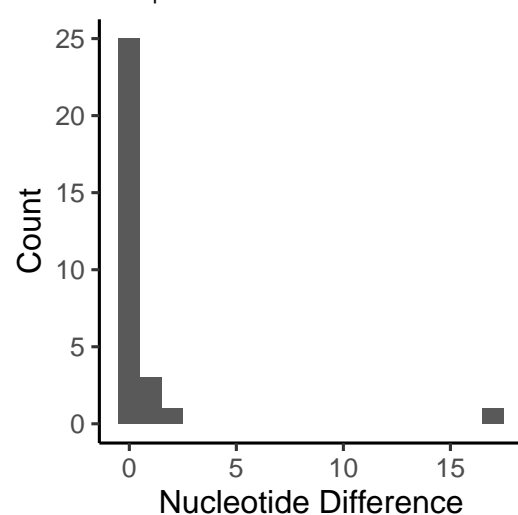
IGKV1D-43*01

22 sequences assigned
21 (95.5%) exact matches, in which:
21 unique CDR3
5 unique J



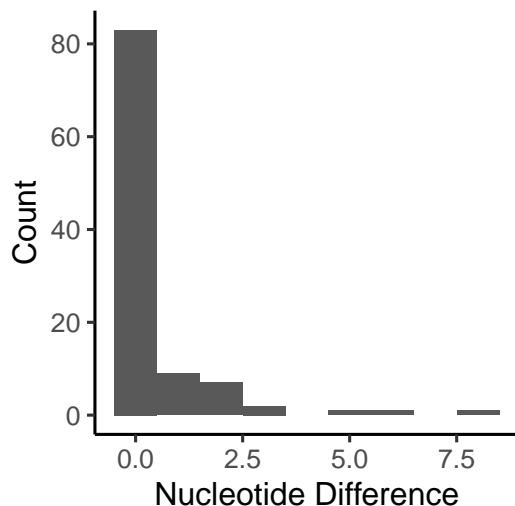
IGKV1E-12*03

30 sequences assigned
25 (83.3%) exact matches, in which:
21 unique CDR3
5 unique J



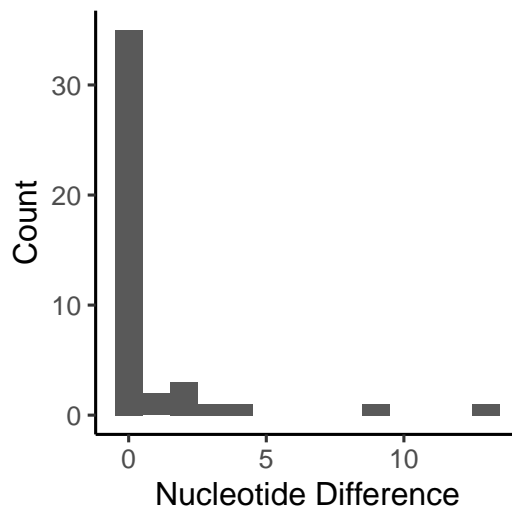
IGKV1E-12*01_C59T

104 sequences assigned
83 (79.8%) exact matches, in which:
69 unique CDR3
5 unique J



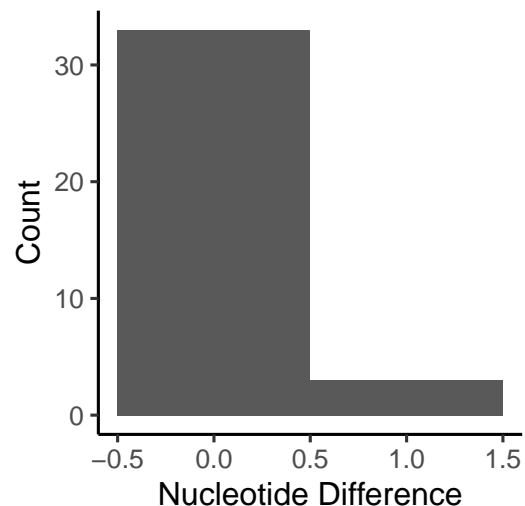
IGKV6E-21*01

44 sequences assigned
35 (79.5%) exact matches, in which:
27 unique CDR3
5 unique J



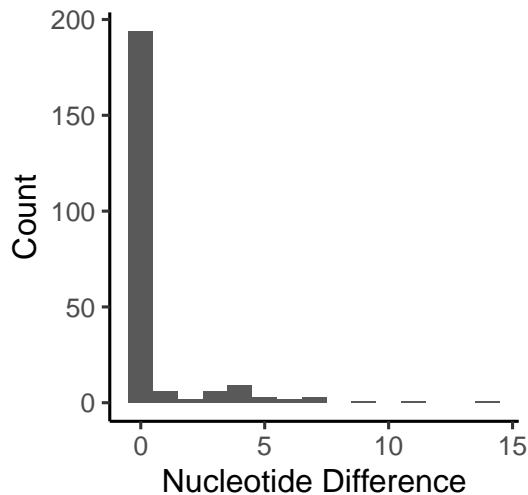
IGKV1E-37*01

36 sequences assigned
33 (91.7%) exact matches, in which:
33 unique CDR3
5 unique J



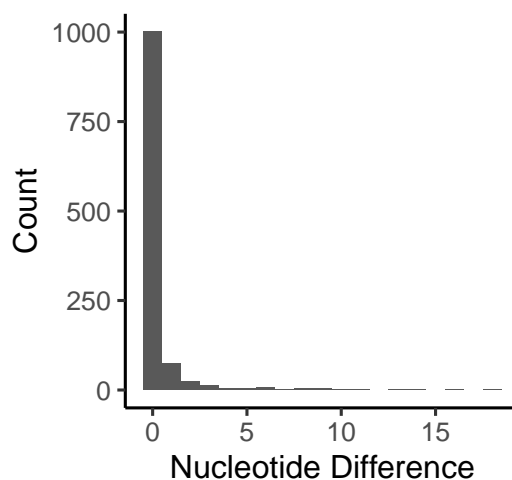
IGKV1E-13*02

228 sequences assigned
194 (85.1%) exact matches, in which:
166 unique CDR3
5 unique J



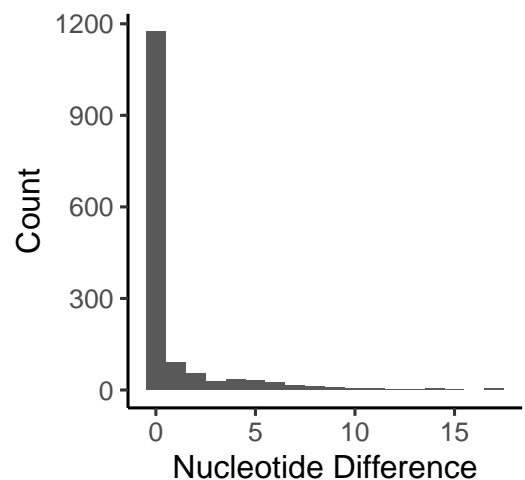
IGKV2E-28*01

1143 sequences assigned
1001 (87.6%) exact matches, in which:
774 unique CDR3
5 unique J



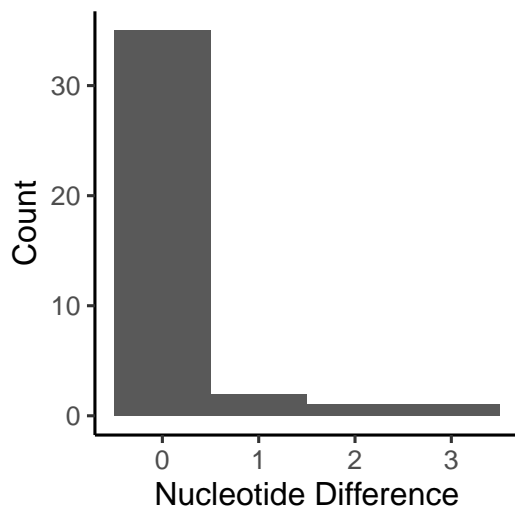
IGKV1E-39*01

1491 sequences assigned
1174 (78.7%) exact matches, in which:
808 unique CDR3
5 unique J



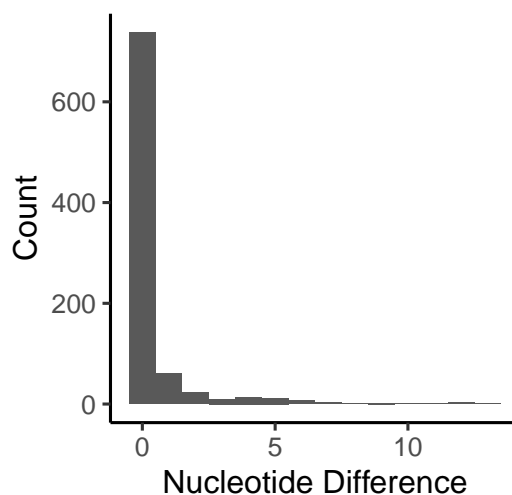
IGKV1E-13*03

39 sequences assigned
35 (89.7%) exact matches, in which:
31 unique CDR3
5 unique J



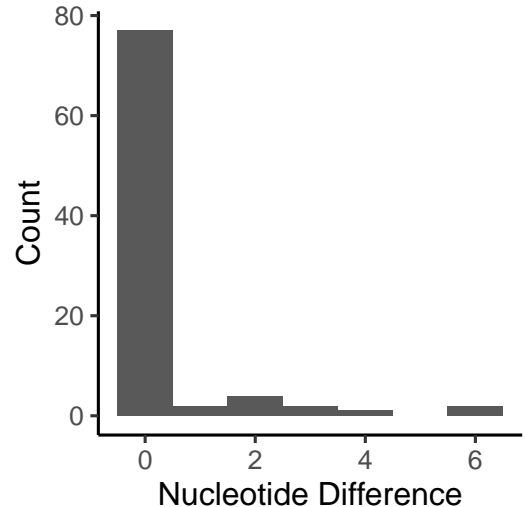
IGKV1E-33*01

875 sequences assigned
738 (84.3%) exact matches, in which:
526 unique CDR3
5 unique J



IGKV2E-40*01

88 sequences assigned
77 (87.5%) exact matches, in which:
64 unique CDR3
5 unique J





Warning – no inferred sequences found.