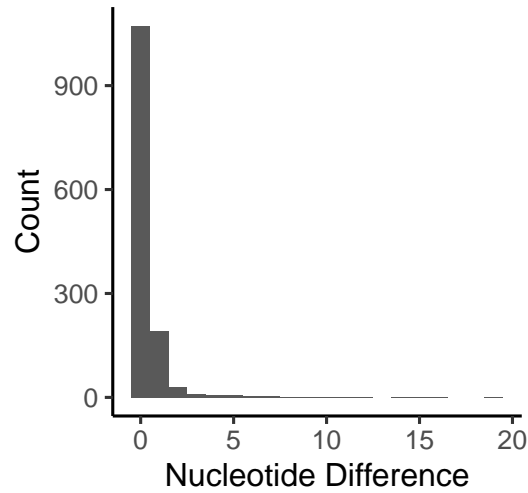


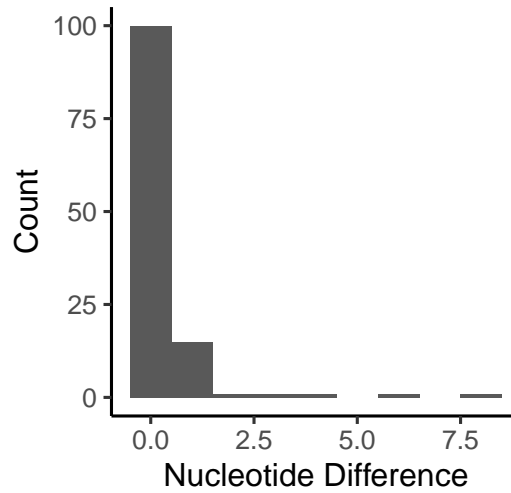
IGKV1-5*03

1336 sequences assigned
1073 (80.3%) exact matches, in which:
789 unique CDR3
5 unique J



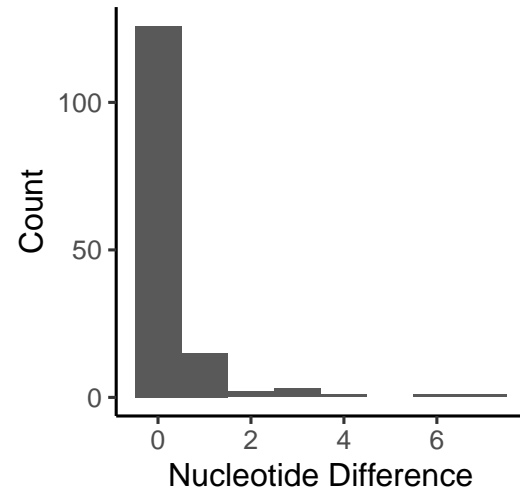
IGKV1-8*01_A171T

120 sequences assigned
100 (83.3%) exact matches, in which:
87 unique CDR3
5 unique J



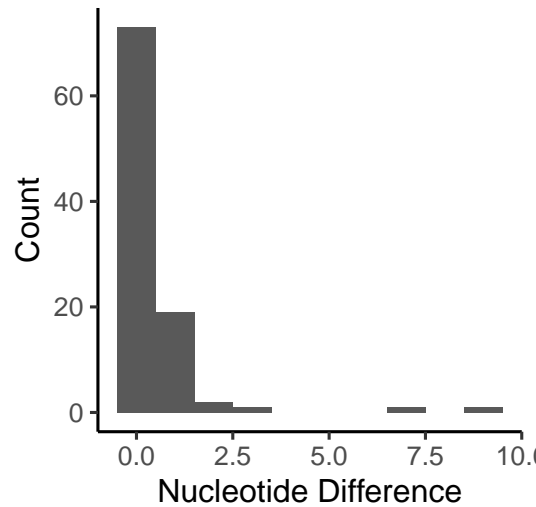
IGKV1-17*01

149 sequences assigned
126 (84.6%) exact matches, in which:
96 unique CDR3
5 unique J



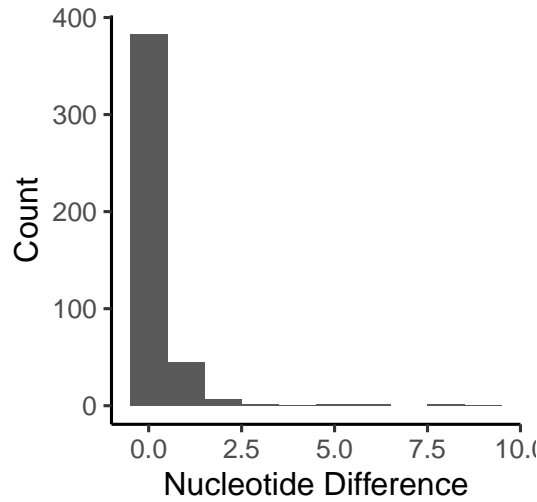
IGKV1-6*01

97 sequences assigned
73 (75.3%) exact matches, in which:
53 unique CDR3
5 unique J



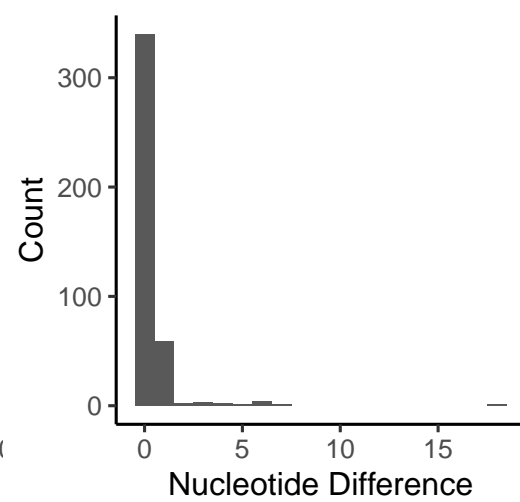
IGKV1-9*01

445 sequences assigned
383 (86.1%) exact matches, in which:
308 unique CDR3
5 unique J



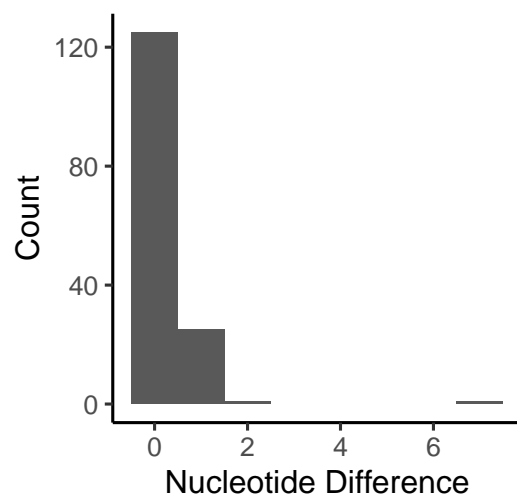
IGKV1-27*01

415 sequences assigned
340 (81.9%) exact matches, in which:
275 unique CDR3
5 unique J



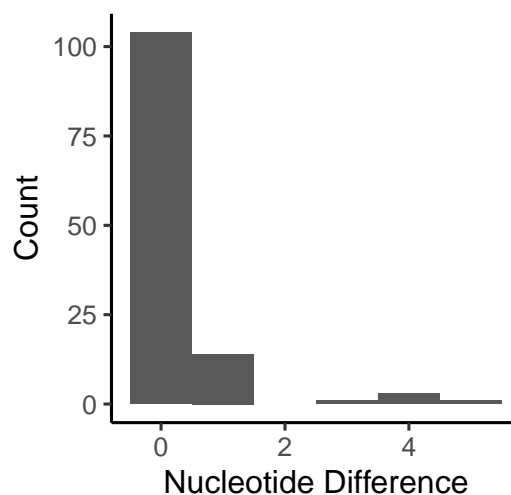
IGKV1-8*01

152 sequences assigned
125 (82.2%) exact matches, in which:
94 unique CDR3
5 unique J



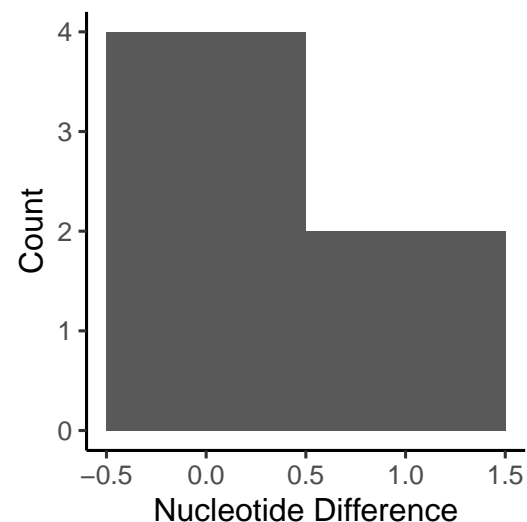
IGKV1-16*02

123 sequences assigned
104 (84.6%) exact matches, in which:
78 unique CDR3
5 unique J



IGKV2/OR22-4*01

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



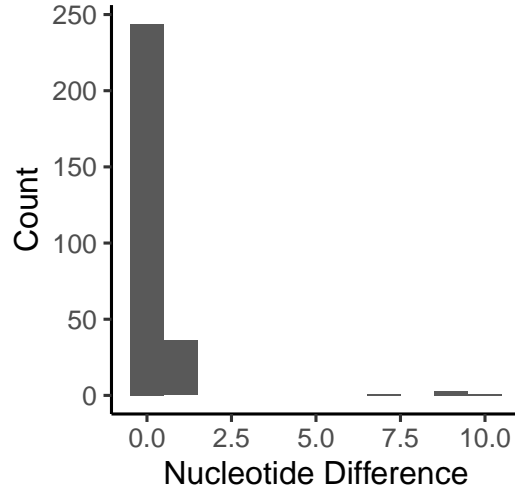
IGKV2-4*01

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



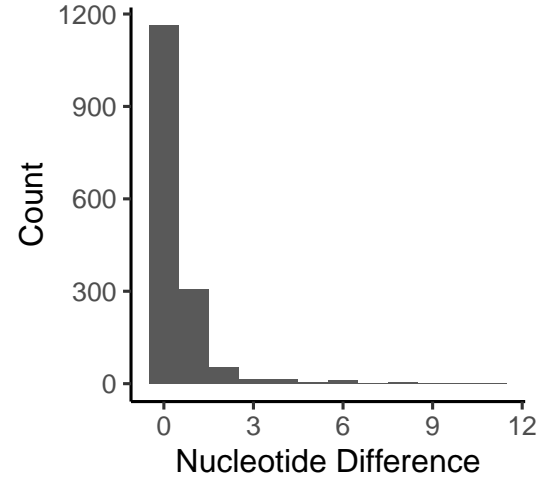
IGKV2-30*01

285 sequences assigned
244 (85.6%) exact matches, in which:
212 unique CDR3
5 unique J



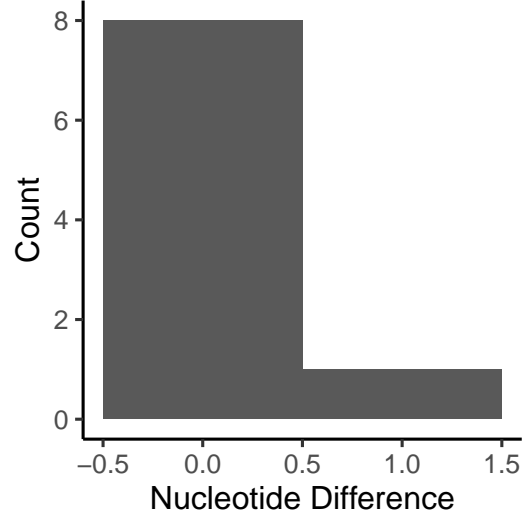
IGKV3-15*01

1580 sequences assigned
1163 (73.6%) exact matches, in which:
916 unique CDR3
5 unique J



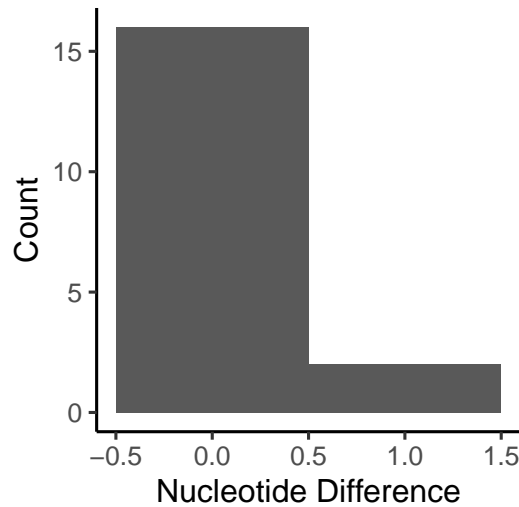
IGKV2-18*01

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



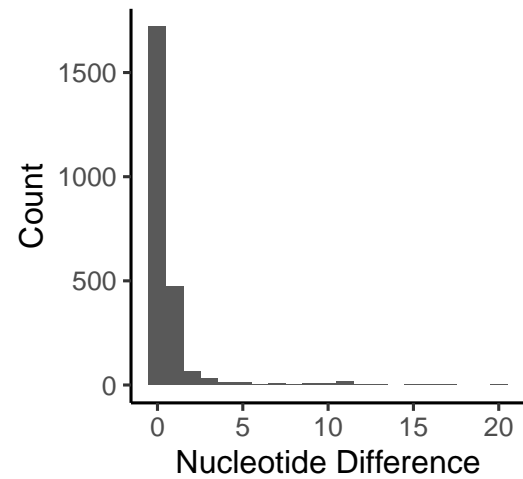
IGKV3-7*04

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



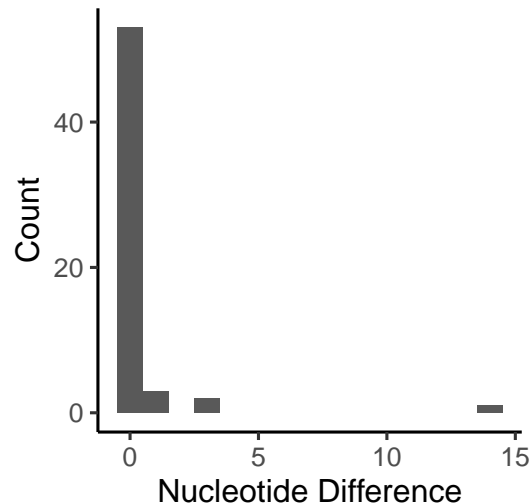
IGKV3-20*01

2365 sequences assigned
1720 (72.7%) exact matches, in which:
1295 unique CDR3
5 unique J



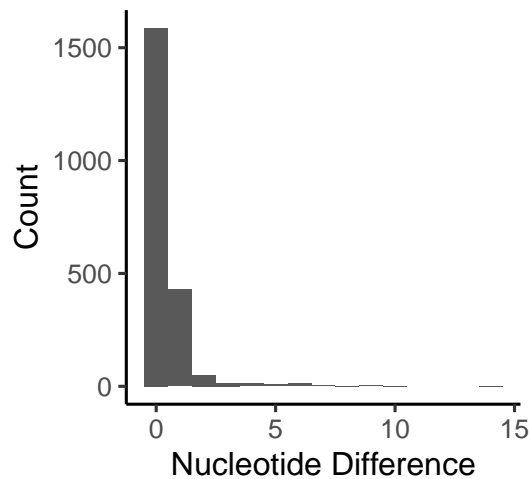
IGKV2-24*01

59 sequences assigned
53 (89.8%) exact matches, in which:
51 unique CDR3
5 unique J



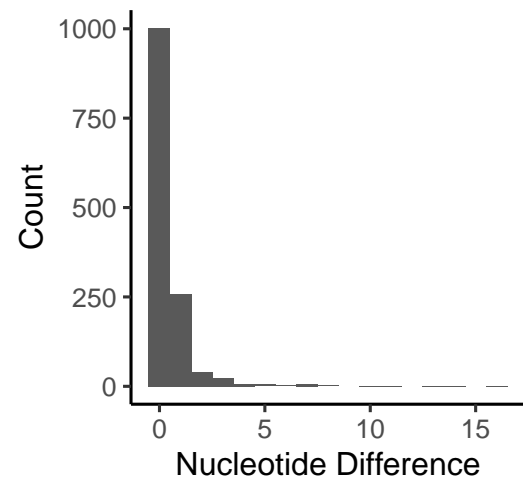
IGKV3-11*01

2124 sequences assigned
1587 (74.7%) exact matches, in which:
1190 unique CDR3
5 unique J



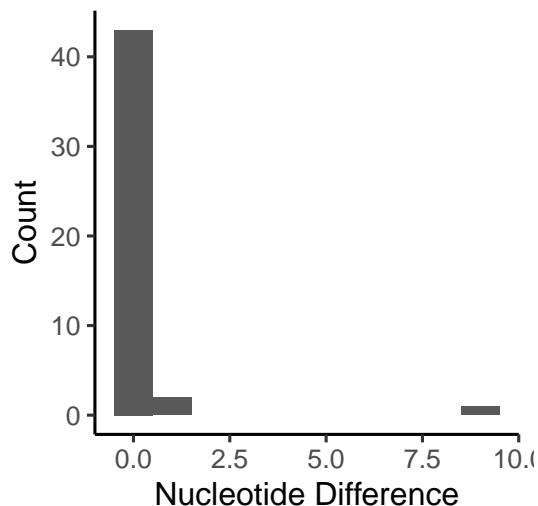
IGKV4-1*01

1352 sequences assigned
1002 (74.1%) exact matches, in which:
696 unique CDR3
5 unique J



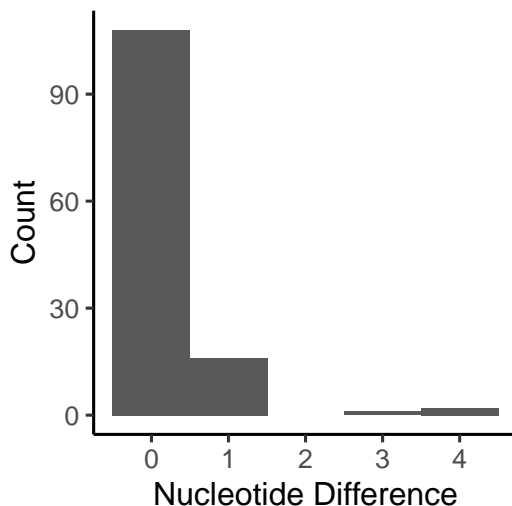
IGKV5-2*01

46 sequences assigned
43 (93.5%) exact matches, in which:
41 unique CDR3
5 unique J



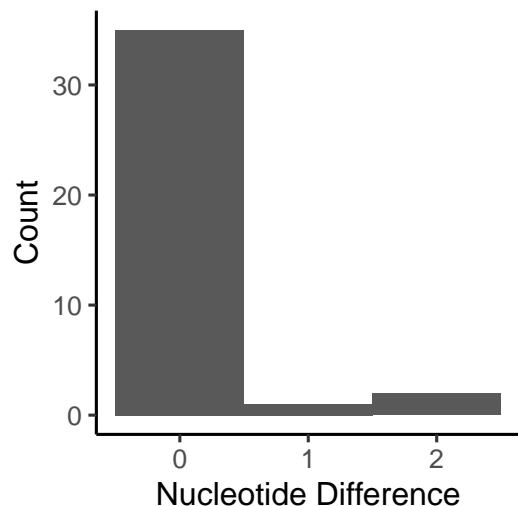
IGKV1D-8*01

127 sequences assigned
108 (85%) exact matches, in which:
79 unique CDR3
5 unique J



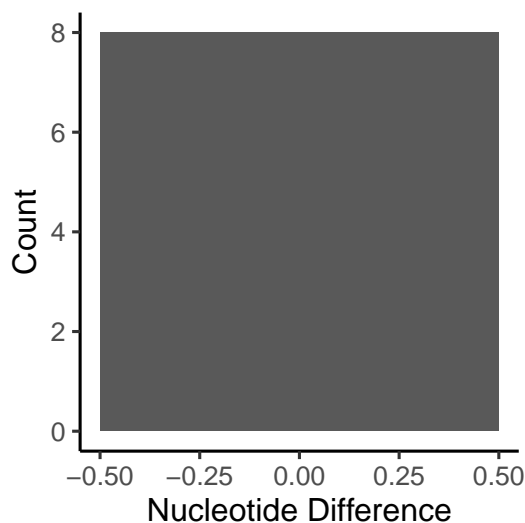
IGKV1D-16*01

38 sequences assigned
35 (92.1%) exact matches, in which:
31 unique CDR3
5 unique J



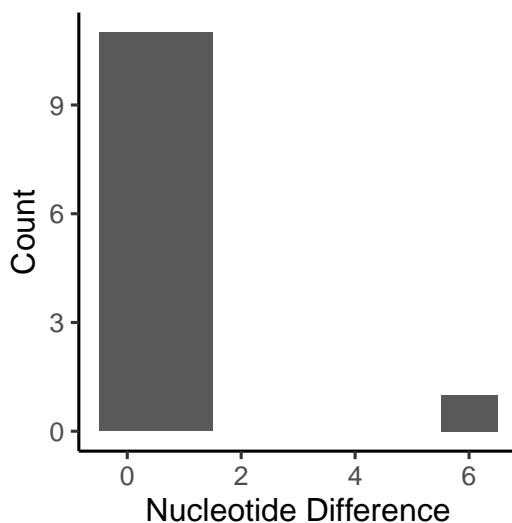
IGKV7-3*01

8 sequences assigned
8 (100%) exact matches, in which:
8 unique CDR3
3 unique J



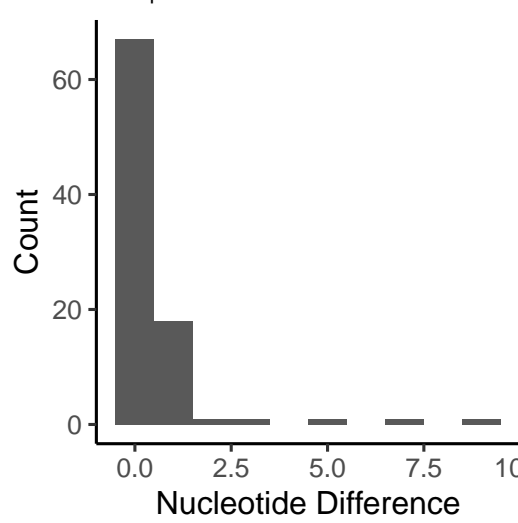
IGKV3D-11*01

23 sequences assigned
11 (47.8%) exact matches, in which:
10 unique CDR3
5 unique J



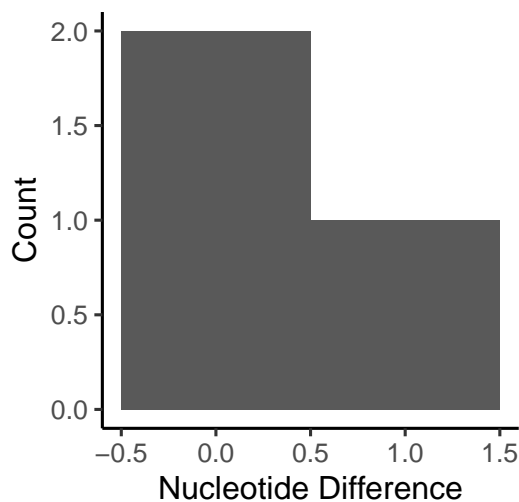
IGKV3D-20*01

90 sequences assigned
67 (74.4%) exact matches, in which:
60 unique CDR3
5 unique J



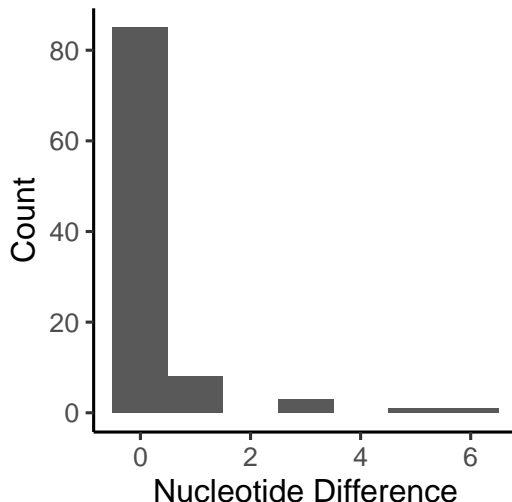
IGKV3D-7*01

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



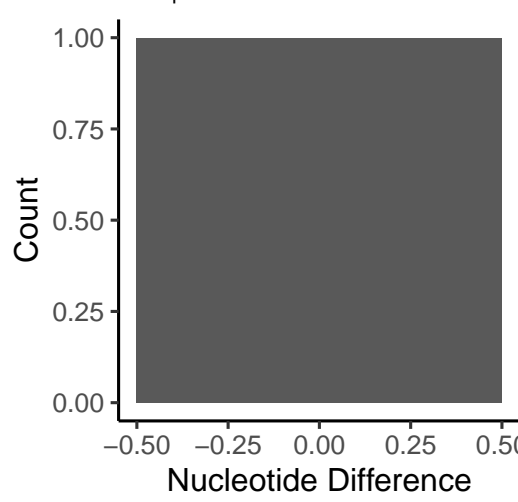
IGKV3D-15*01

98 sequences assigned
85 (86.7%) exact matches, in which:
77 unique CDR3
5 unique J



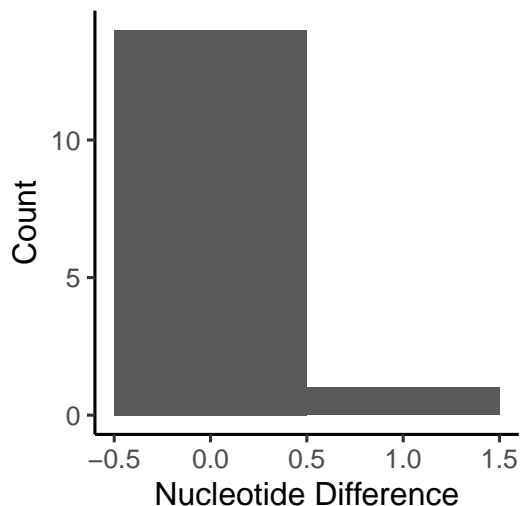
IGKV2D-24*01

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



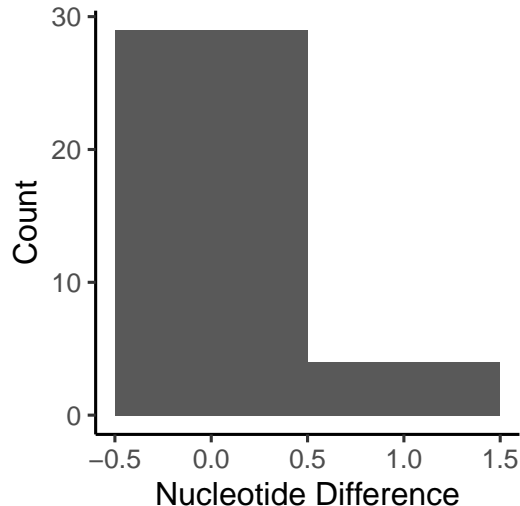
IGKV2D-26*03

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



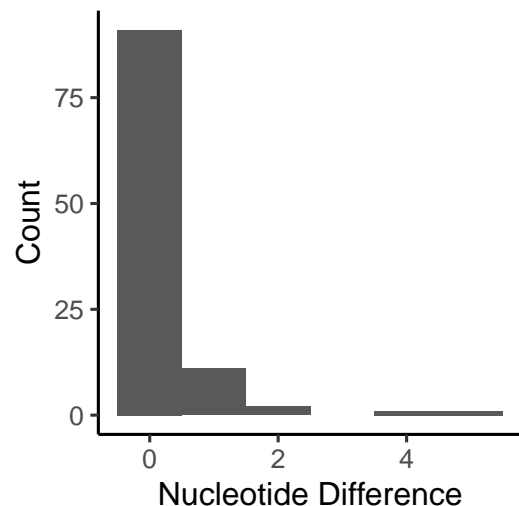
IGKV1D-43*01

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



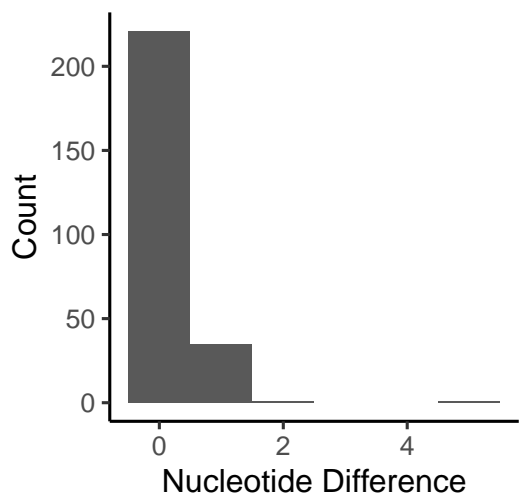
IGKV1E-12*03

106 sequences assigned
91 (85.8%) exact matches, in which:
78 unique CDR3
5 unique J



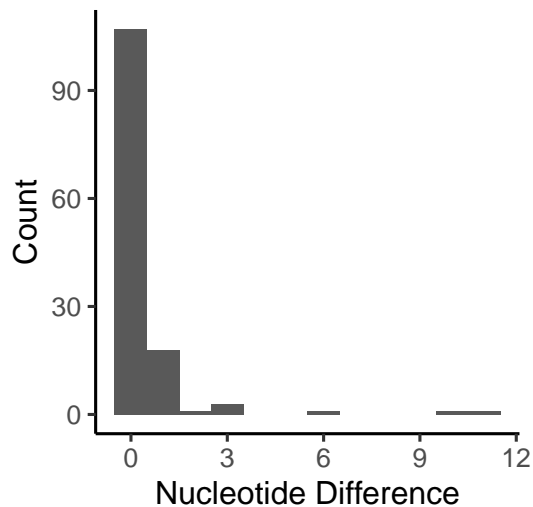
IGKV2D-29*01

258 sequences assigned
221 (85.7%) exact matches, in which:
182 unique CDR3
5 unique J



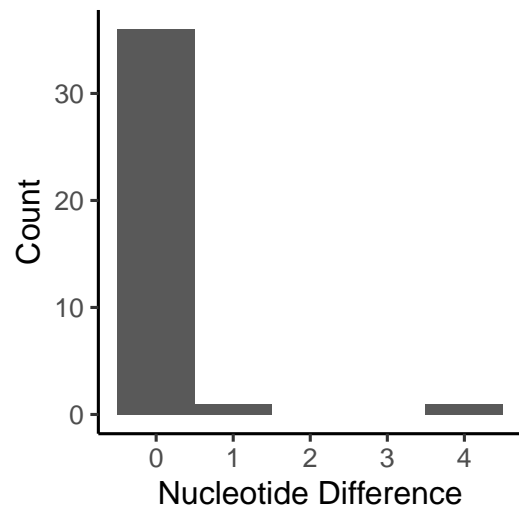
IGKV1E-12*01

132 sequences assigned
107 (81.1%) exact matches, in which:
75 unique CDR3
5 unique J



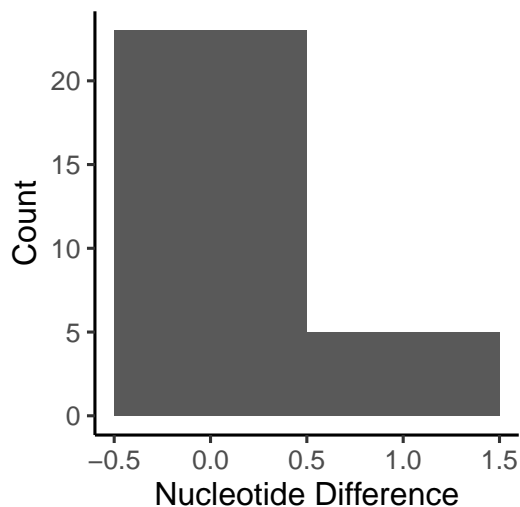
IGKV1E-13*03

38 sequences assigned
36 (94.7%) exact matches, in which:
29 unique CDR3
4 unique J



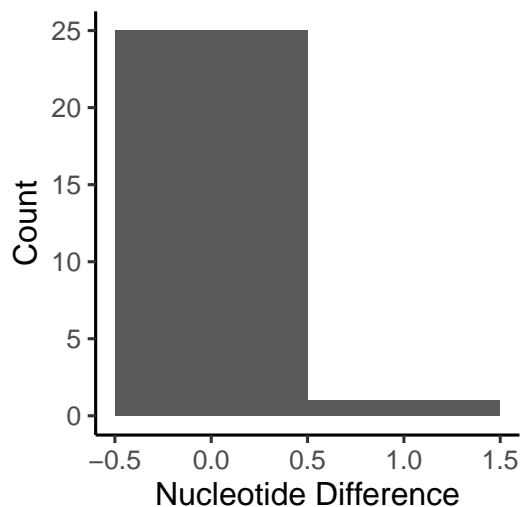
IGKV2D-30*01

28 sequences assigned
23 (82.1%) exact matches, in which:
21 unique CDR3
5 unique J



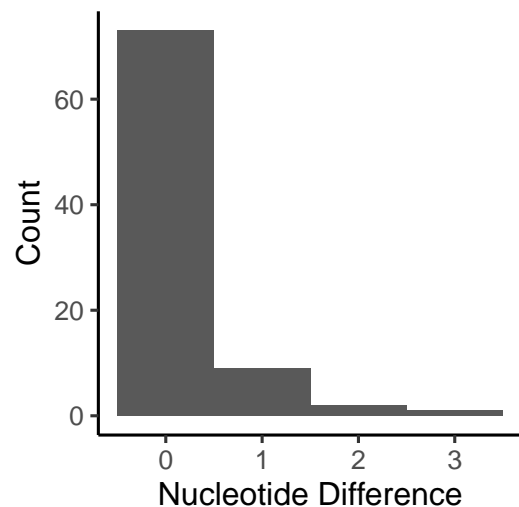
IGKV1E-12*02

26 sequences assigned
25 (96.2%) exact matches, in which:
20 unique CDR3
5 unique J



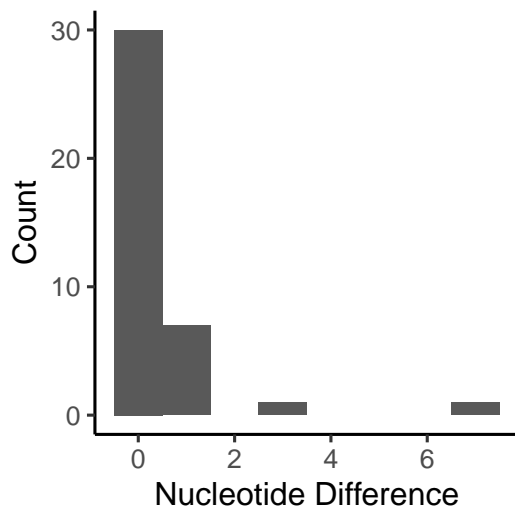
IGKV6E-21*01

85 sequences assigned
73 (85.9%) exact matches, in which:
58 unique CDR3
5 unique J



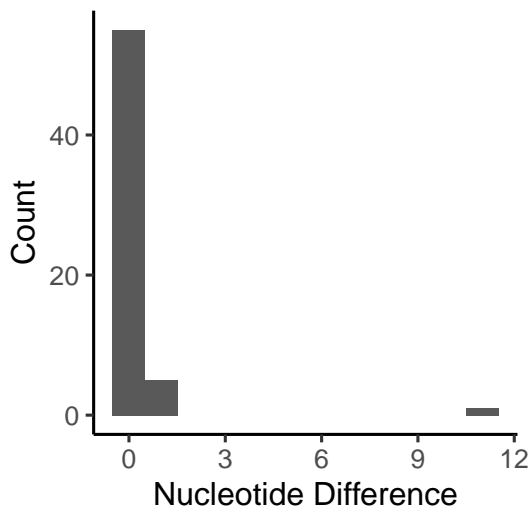
IGKV6E-21*03

39 sequences assigned
30 (76.9%) exact matches, in which:
25 unique CDR3
5 unique J



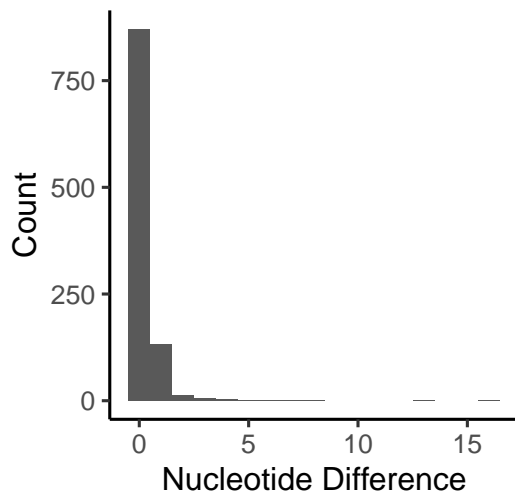
IGKV1E-37*01

61 sequences assigned
55 (90.2%) exact matches, in which:
50 unique CDR3
5 unique J



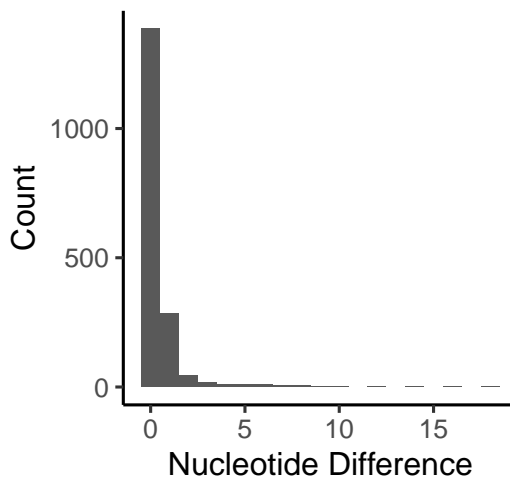
IGKV2E-28*01

1033 sequences assigned
871 (84.3%) exact matches, in which:
655 unique CDR3
5 unique J



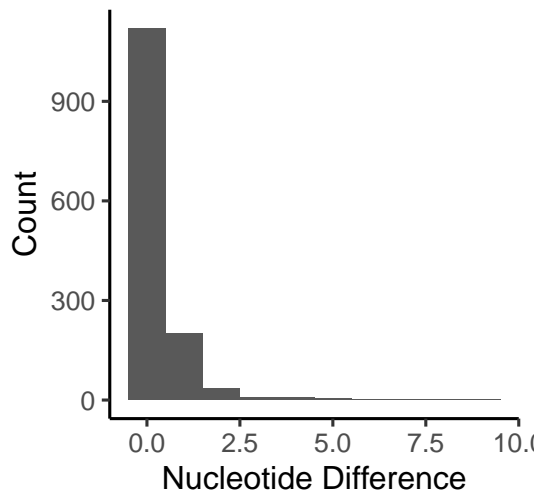
IGKV1E-39*01

1780 sequences assigned
1386 (77.9%) exact matches, in which:
989 unique CDR3
5 unique J



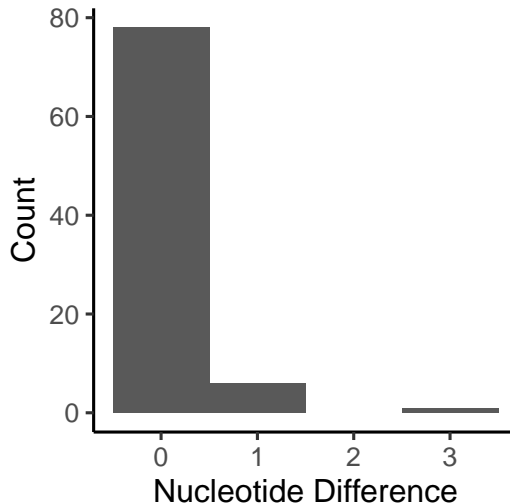
IGKV1E-33*01

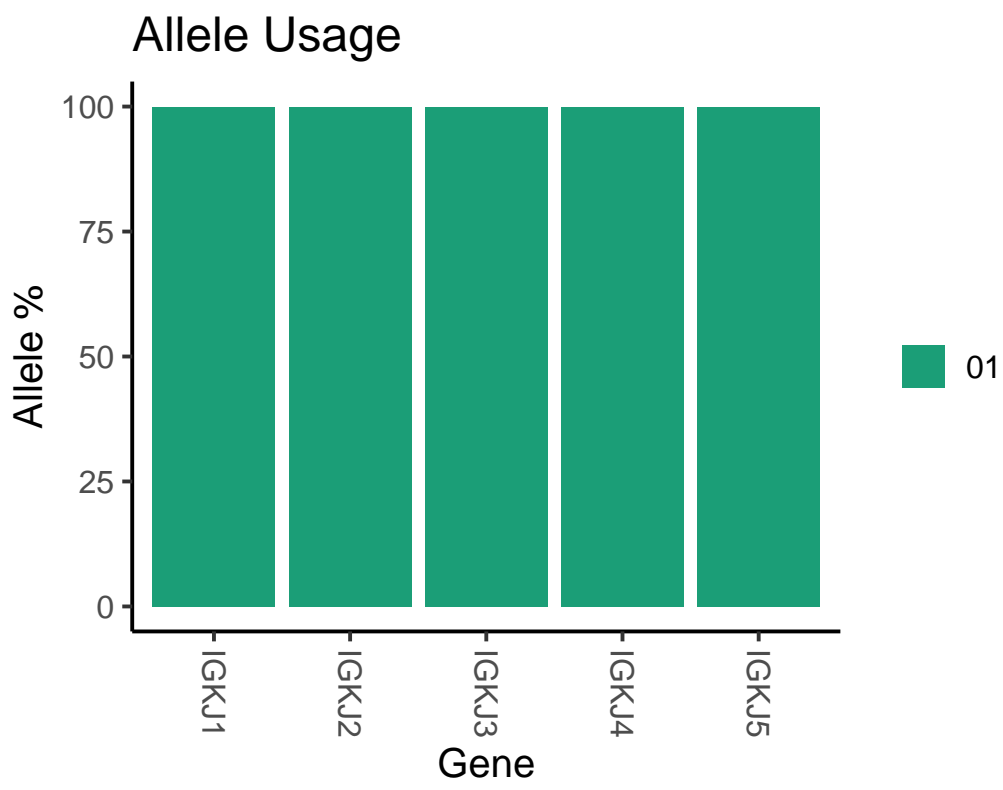
1386 sequences assigned
1120 (80.8%) exact matches, in which:
813 unique CDR3
5 unique J



IGKV2E-40*01

85 sequences assigned
78 (91.8%) exact matches, in which:
61 unique CDR3
5 unique J





Warning – no inferred sequences found.