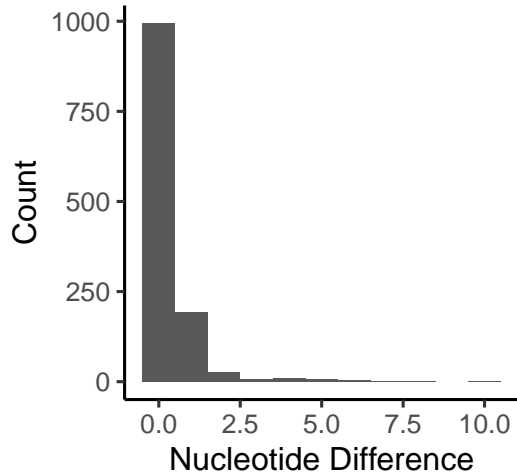


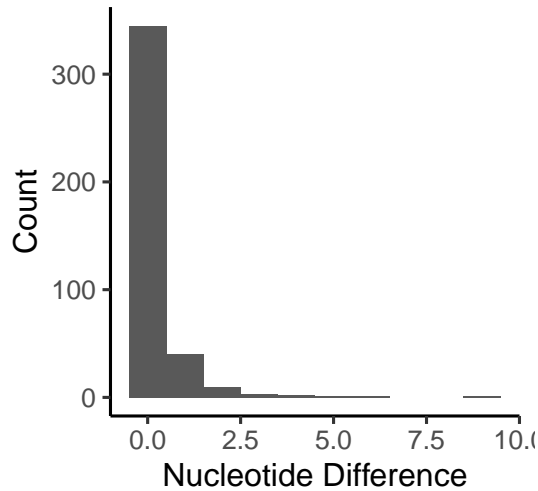
IGKV1-5*03

1245 sequences assigned
994 (79.8%) exact matches, in which:
774 unique CDR3
5 unique J



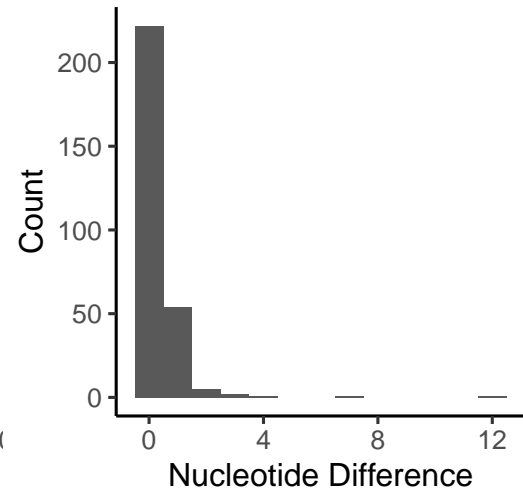
IGKV1-9*01

403 sequences assigned
345 (85.6%) exact matches, in which:
302 unique CDR3
5 unique J



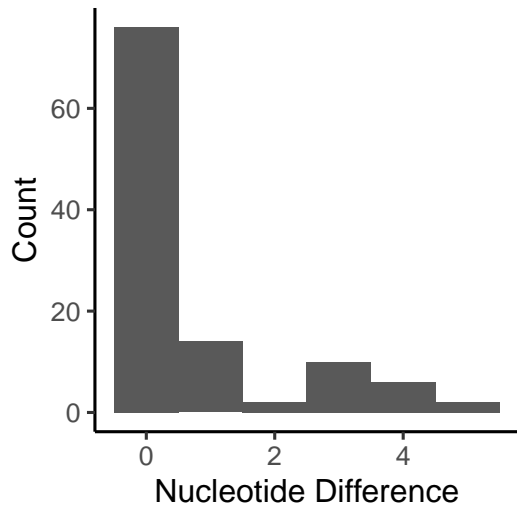
IGKV1-27*01

286 sequences assigned
222 (77.6%) exact matches, in which:
182 unique CDR3
5 unique J



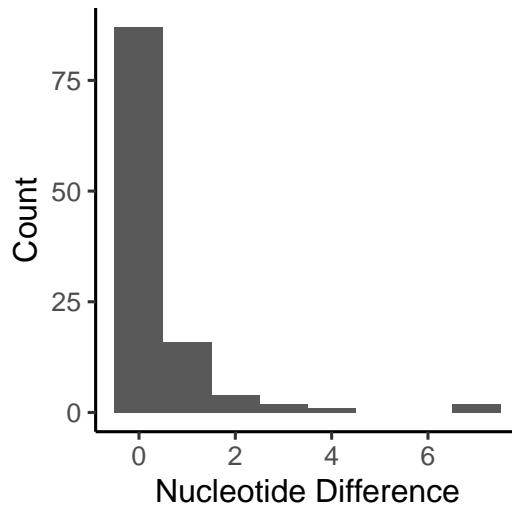
IGKV1-6*01

110 sequences assigned
76 (69.1%) exact matches, in which:
56 unique CDR3
5 unique J



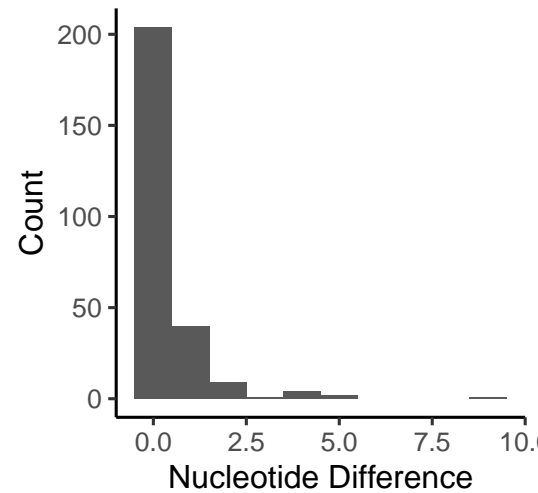
IGKV1-16*02

112 sequences assigned
87 (77.7%) exact matches, in which:
70 unique CDR3
5 unique J



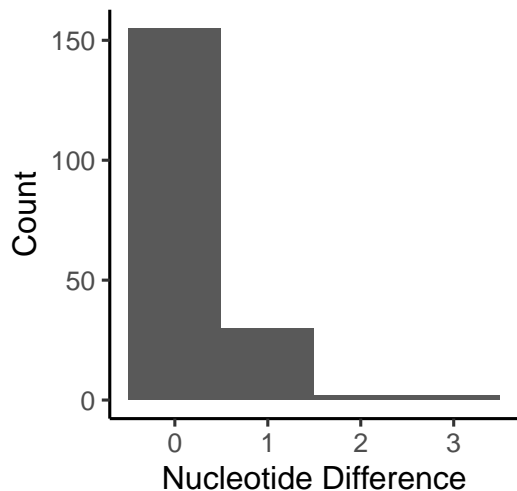
IGKV1-NL1*01

261 sequences assigned
204 (78.2%) exact matches, in which:
180 unique CDR3
5 unique J



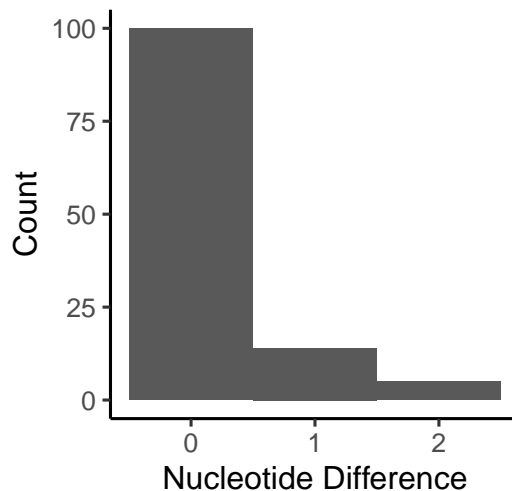
IGKV1-8*01

189 sequences assigned
155 (82%) exact matches, in which:
117 unique CDR3
5 unique J



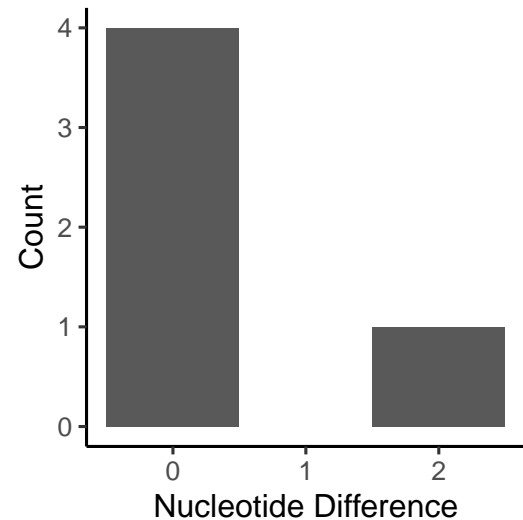
IGKV1-17*01

119 sequences assigned
100 (84%) exact matches, in which:
85 unique CDR3
5 unique J



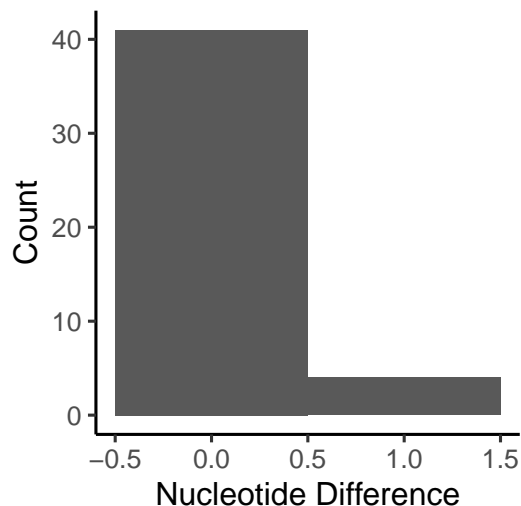
IGKV2-18*01

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



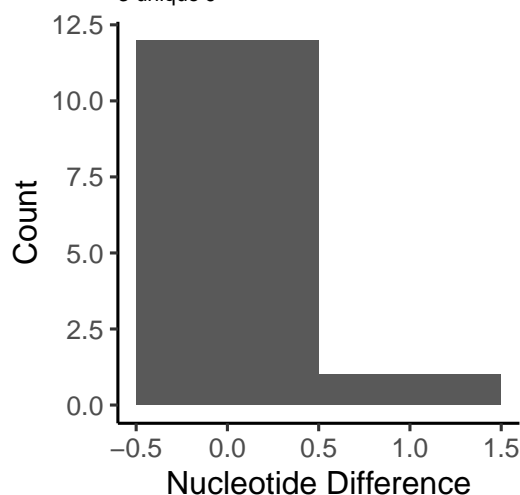
IGKV2-24*01

45 sequences assigned
41 (91.1%) exact matches, in which:
37 unique CDR3
5 unique J



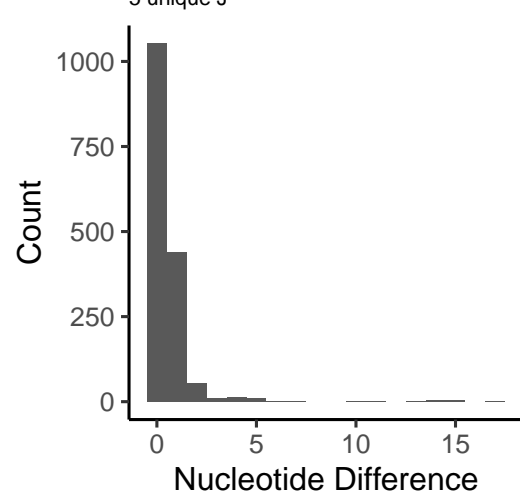
IGKV3-7*04

13 sequences assigned
12 (92.3%) exact matches, in which:
12 unique CDR3
3 unique J



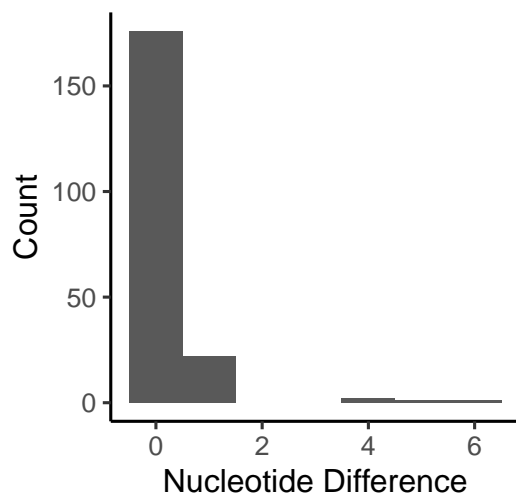
IGKV3-20*01

1595 sequences assigned
1053 (66%) exact matches, in which:
878 unique CDR3
5 unique J



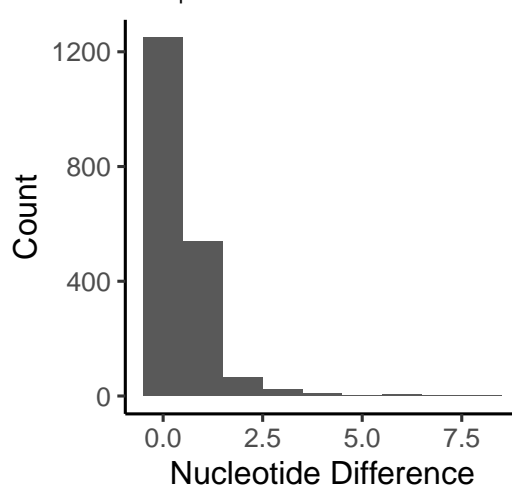
IGKV2-30*01

202 sequences assigned
176 (87.1%) exact matches, in which:
162 unique CDR3
5 unique J



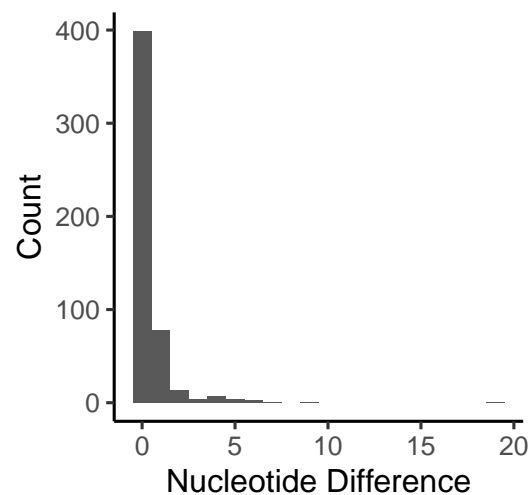
IGKV3-11*01

1891 sequences assigned
1249 (66%) exact matches, in which:
976 unique CDR3
5 unique J



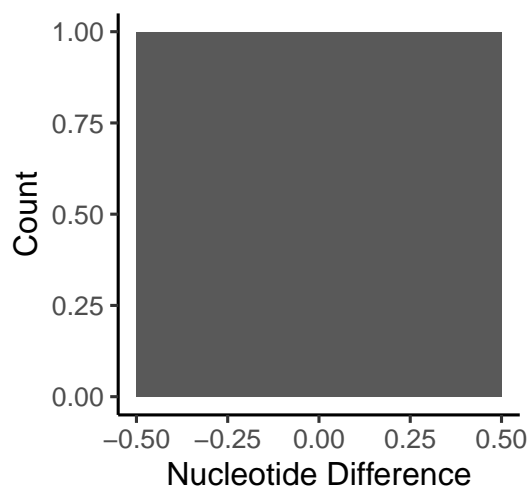
IGKV4-1*01

511 sequences assigned
399 (78.1%) exact matches, in which:
331 unique CDR3
5 unique J



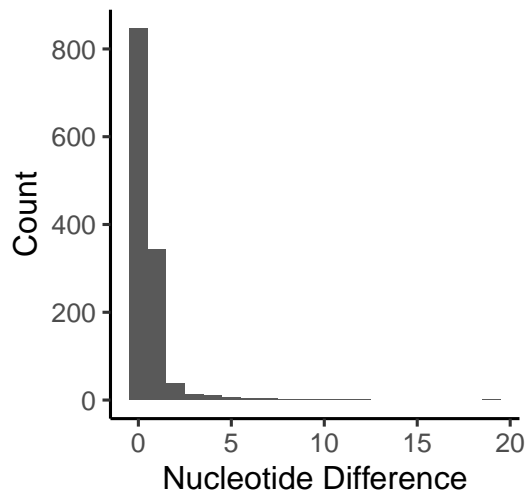
IGKV1/OR2-108*01

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



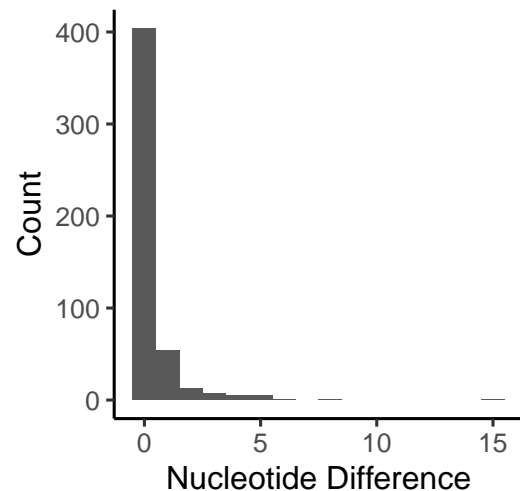
IGKV3-15*01

1268 sequences assigned
847 (66.8%) exact matches, in which:
691 unique CDR3
5 unique J



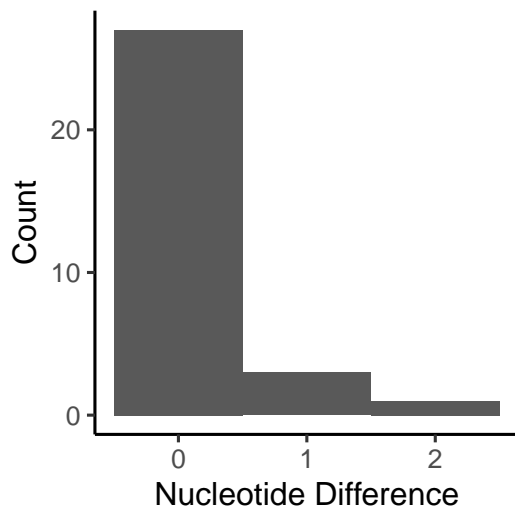
IGKV4-1*01_G72A

491 sequences assigned
404 (82.3%) exact matches, in which:
347 unique CDR3
5 unique J



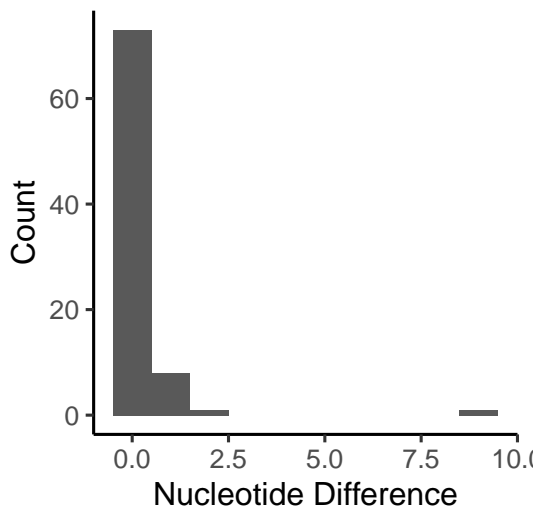
IGKV5-2*01

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



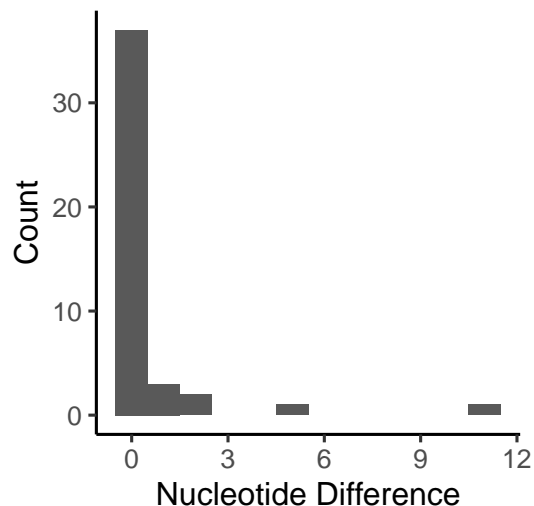
IGKV1D-8*01

83 sequences assigned
73 (88%) exact matches, in which:
59 unique CDR3
5 unique J



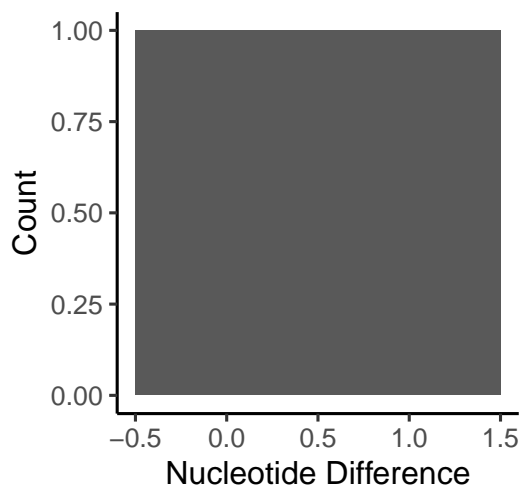
IGKV3D-15*01

44 sequences assigned
37 (84.1%) exact matches, in which:
36 unique CDR3
5 unique J



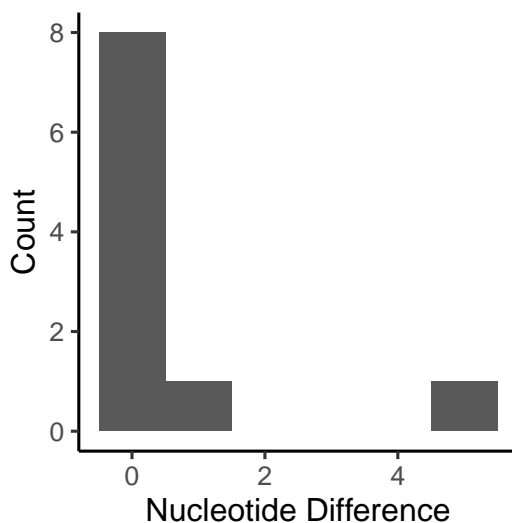
IGKV7-3*01

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



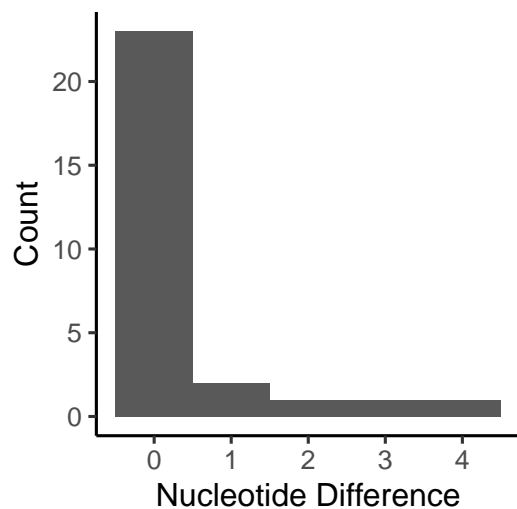
IGKV3D-11*01

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



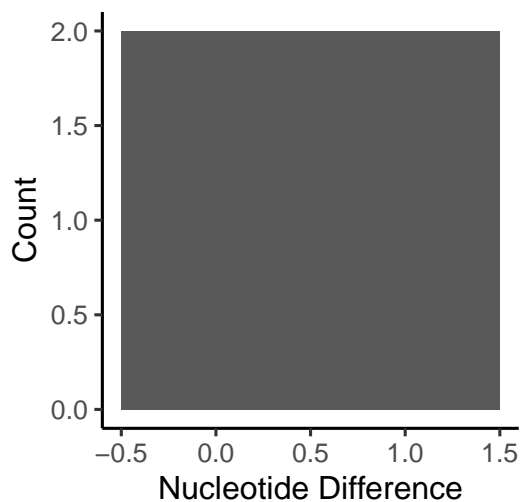
IGKV1D-16*01

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



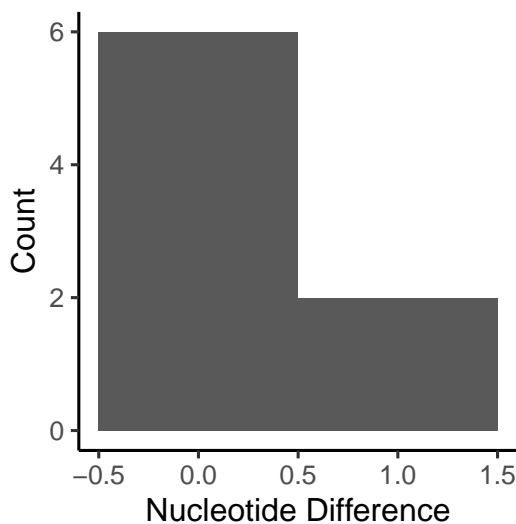
IGKV3D-7*01

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



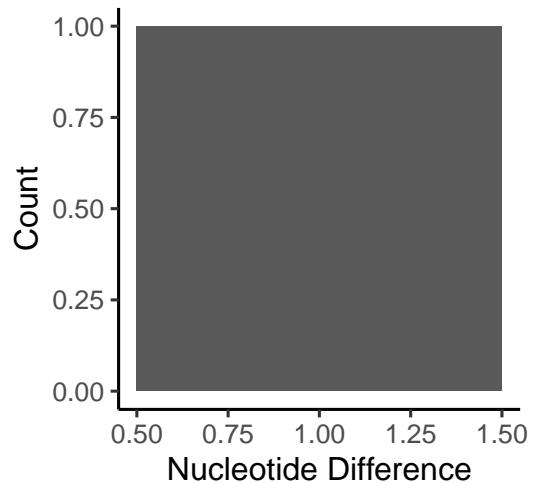
IGKV3D-11*02

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



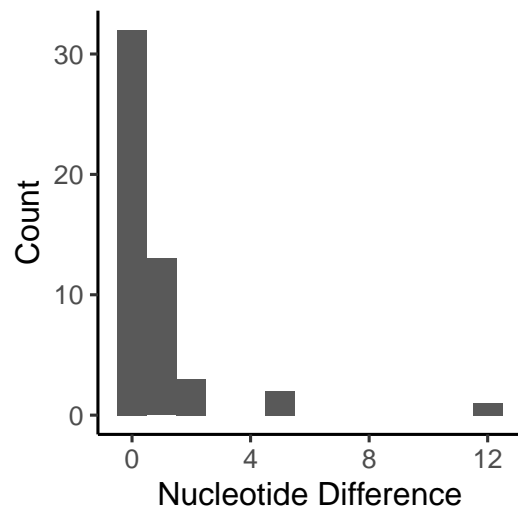
IGKV1D-17*01

1 sequences assigned
No exact matches.



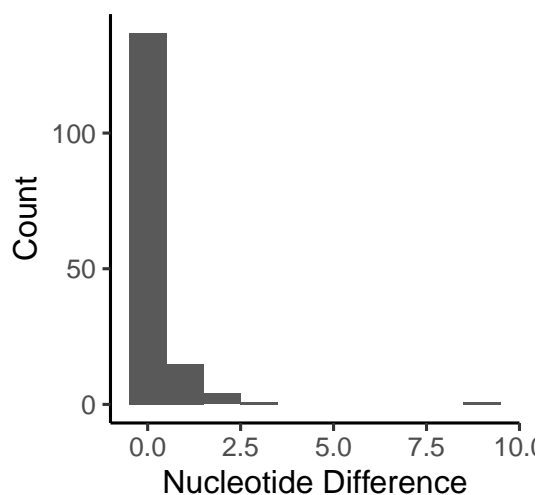
IGKV3D-20*01

51 sequences assigned
32 (62.7%) exact matches, in which:
28 unique CDR3
5 unique J



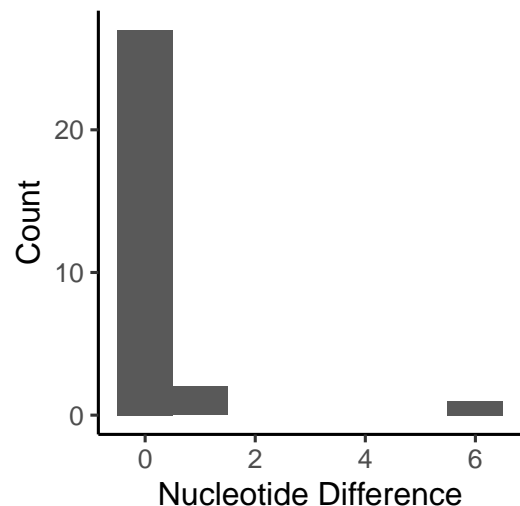
IGKV2D-29*01

158 sequences assigned
137 (86.7%) exact matches, in which:
127 unique CDR3
5 unique J



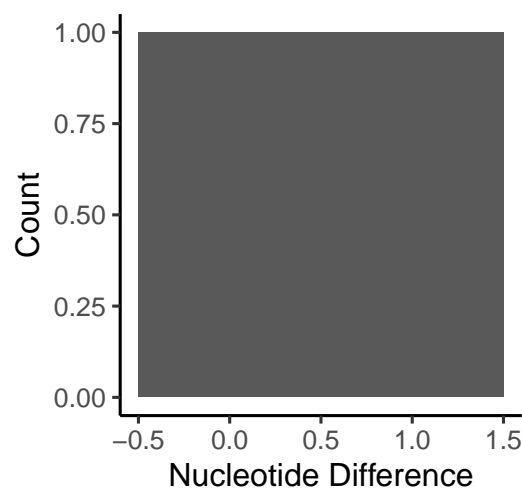
IGKV1D-43*01

30 sequences assigned
27 (90%) exact matches, in which:
27 unique CDR3
5 unique J



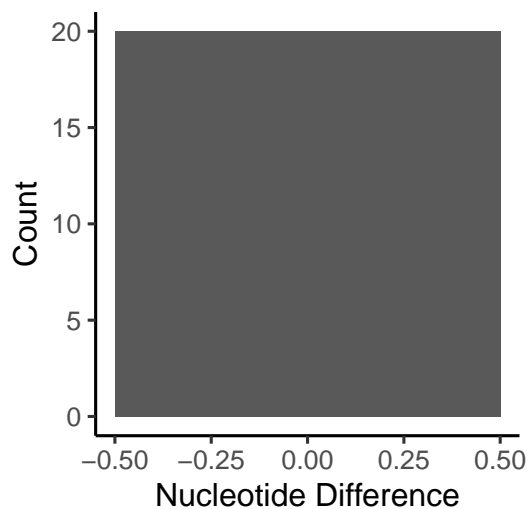
IGKV2D-24*01

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



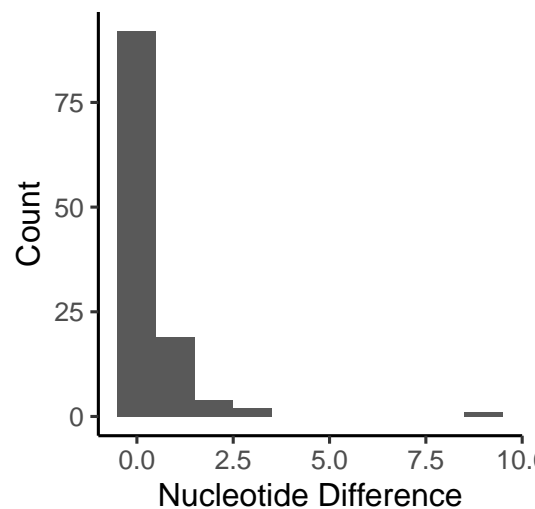
IGKV2D-30*01

20 sequences assigned
20 (100%) exact matches, in which:
19 unique CDR3
5 unique J



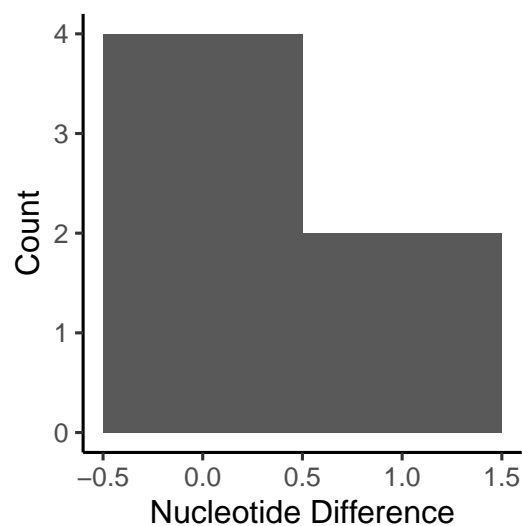
IGKV1E-12*01

118 sequences assigned
92 (78%) exact matches, in which:
70 unique CDR3
5 unique J



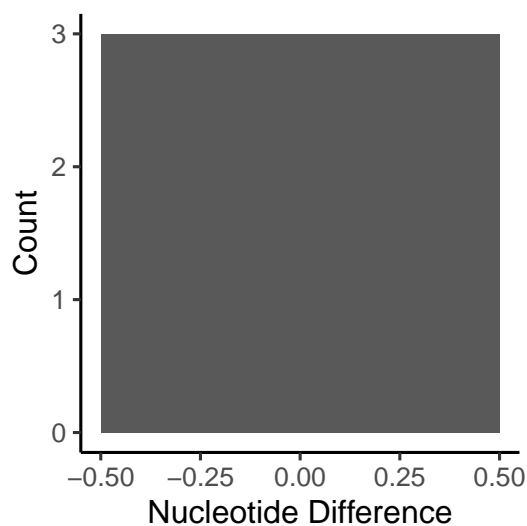
IGKV2D-26*03

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



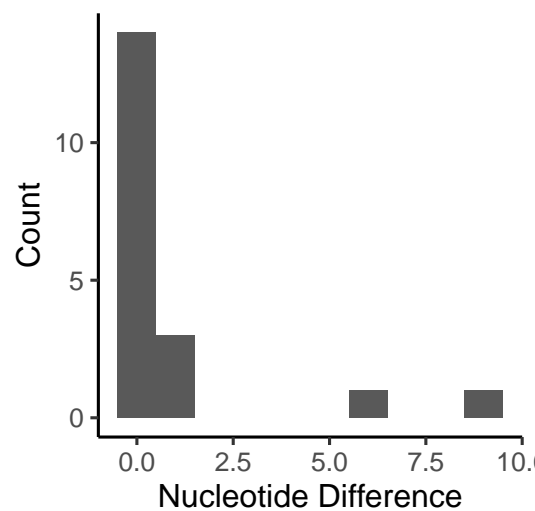
IGKV6D-41*01

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



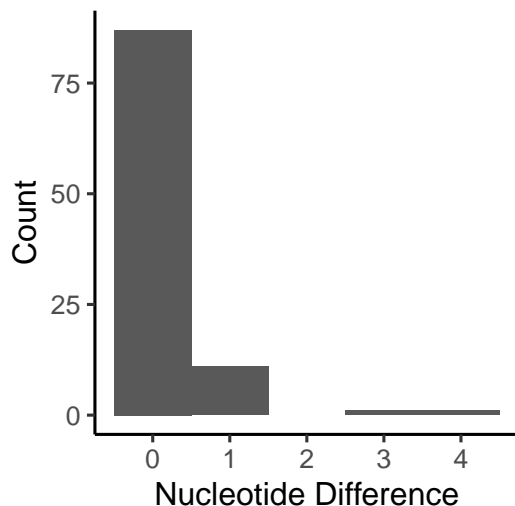
IGKV1E-12*02

19 sequences assigned
14 (73.7%) exact matches, in which:
12 unique CDR3
5 unique J



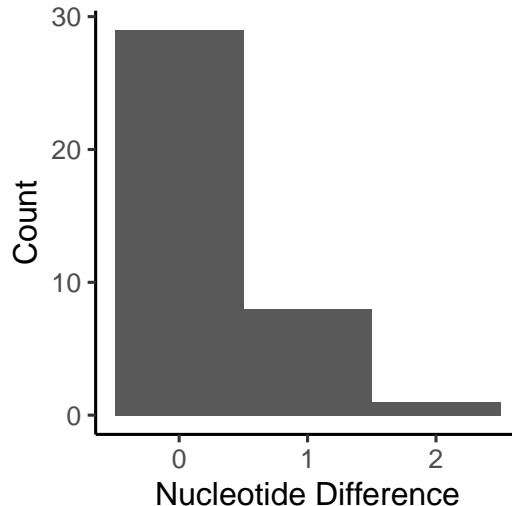
IGKV1E-12*03

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



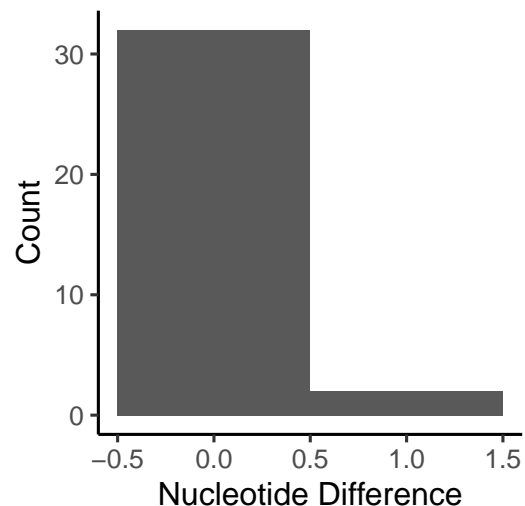
IGKV6E-21*03

38 sequences assigned
29 (76.3%) exact matches, in which:
28 unique CDR3
5 unique J



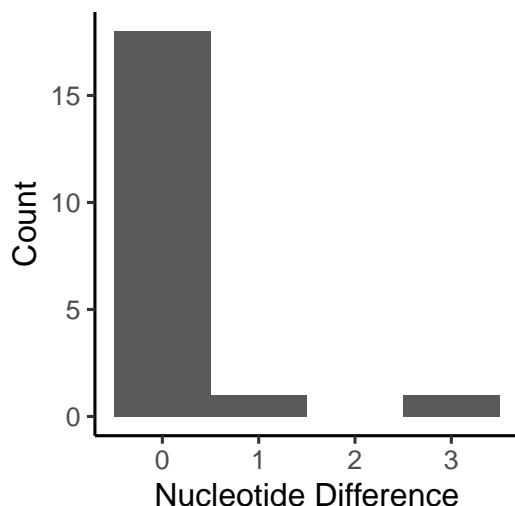
IGKV1E-37*01

34 sequences assigned
32 (94.1%) exact matches, in which:
31 unique CDR3
5 unique J



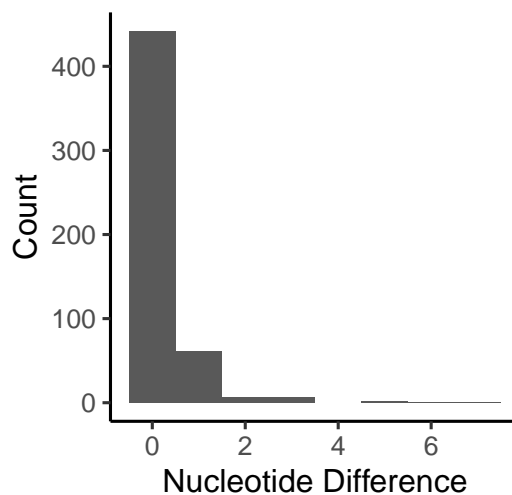
IGKV1E-13*03

20 sequences assigned
18 (90%) exact matches, in which:
16 unique CDR3
4 unique J



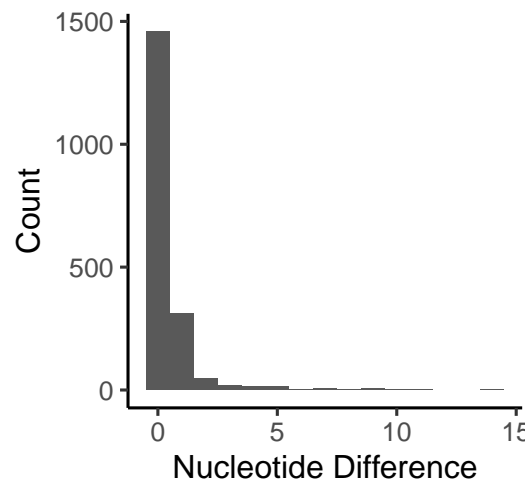
IGKV2E-28*01

519 sequences assigned
442 (85.2%) exact matches, in which:
358 unique CDR3
5 unique J



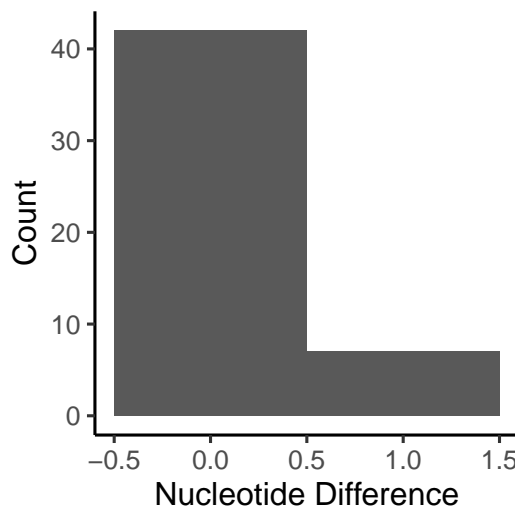
IGKV1E-39*01

1884 sequences assigned
1458 (77.4%) exact matches, in which:
1109 unique CDR3
5 unique J



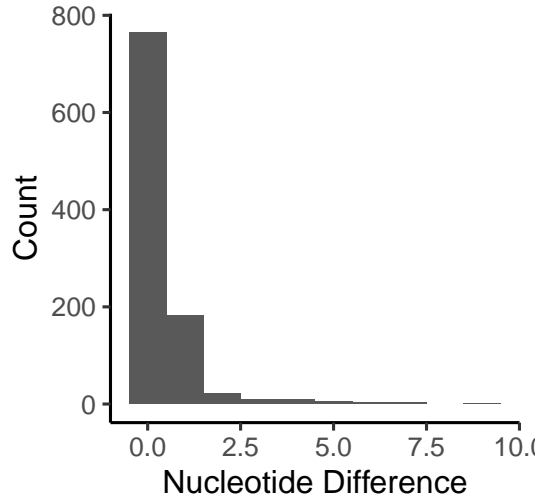
IGKV6E-21*01

49 sequences assigned
42 (85.7%) exact matches, in which:
39 unique CDR3
5 unique J



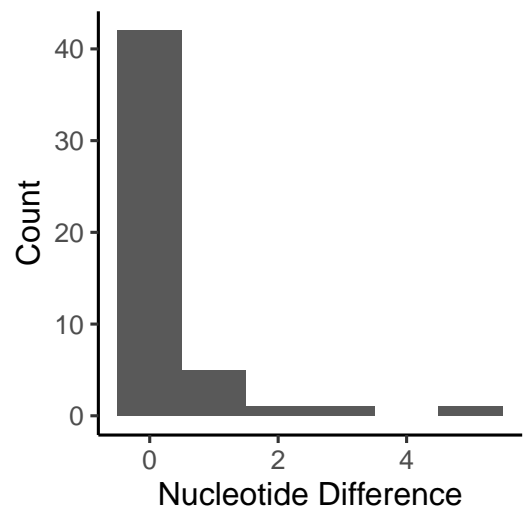
IGKV1E-33*01

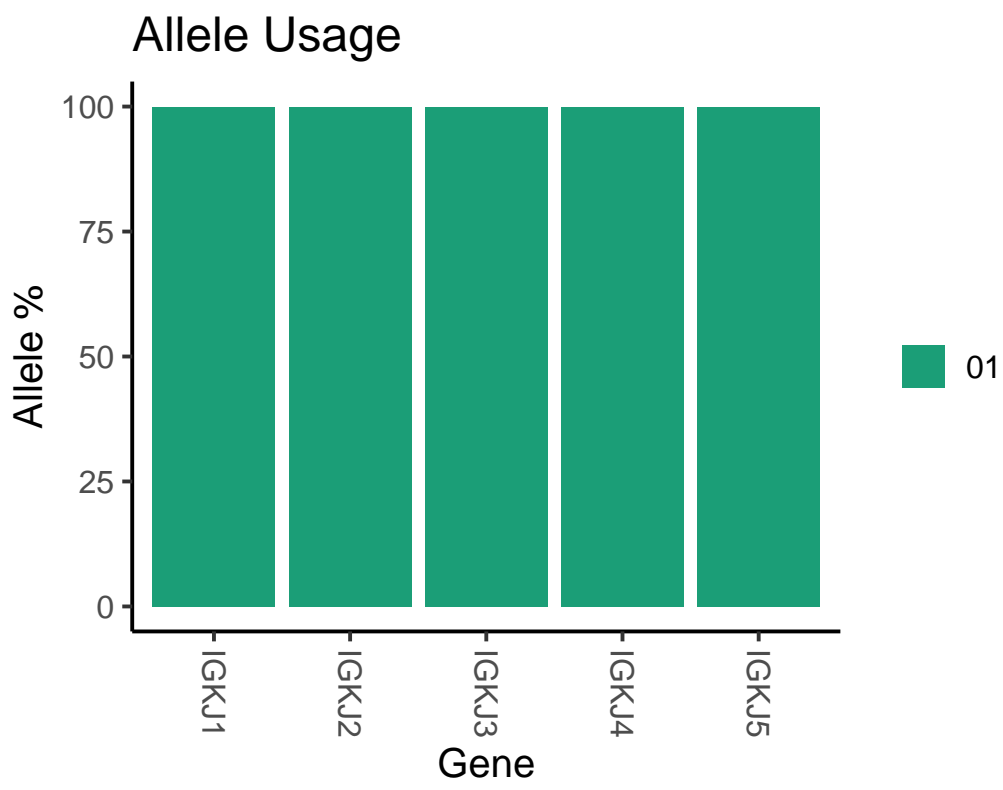
1001 sequences assigned
765 (76.4%) exact matches, in which:
605 unique CDR3
5 unique J



IGKV2E-40*01

50 sequences assigned
42 (84%) exact matches, in which:
38 unique CDR3
5 unique J





Warning – no inferred sequences found.