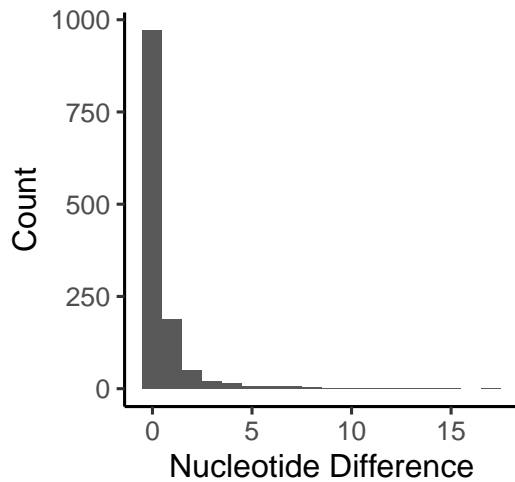


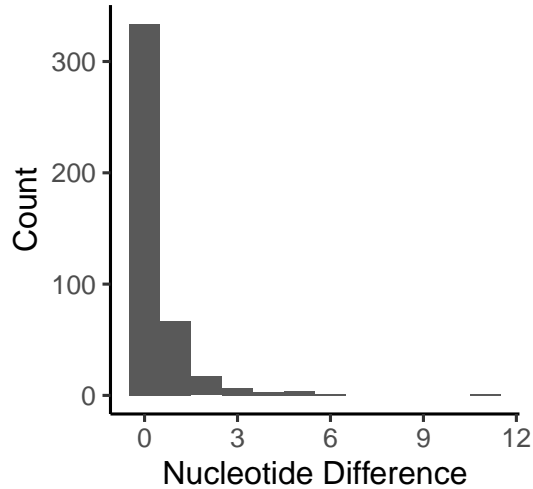
IGKV1-5*03

1285 sequences assigned
971 (75.6%) exact matches, in which:
765 unique CDR3
5 unique J



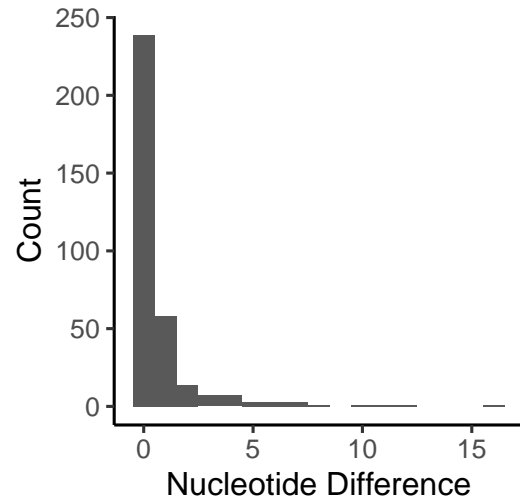
IGKV1-9*01

434 sequences assigned
334 (77%) exact matches, in which:
291 unique CDR3
5 unique J



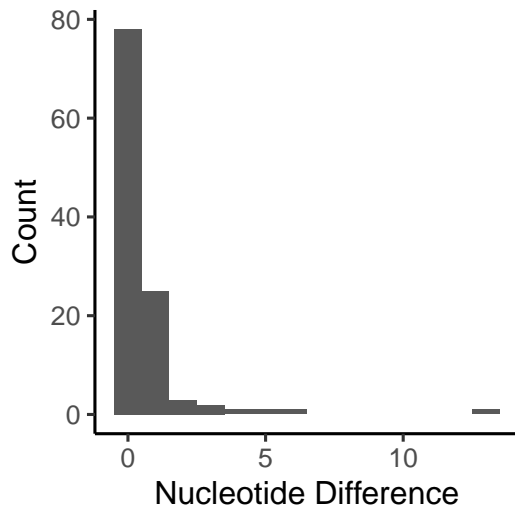
IGKV1-27*01

339 sequences assigned
239 (70.5%) exact matches, in which:
195 unique CDR3
5 unique J



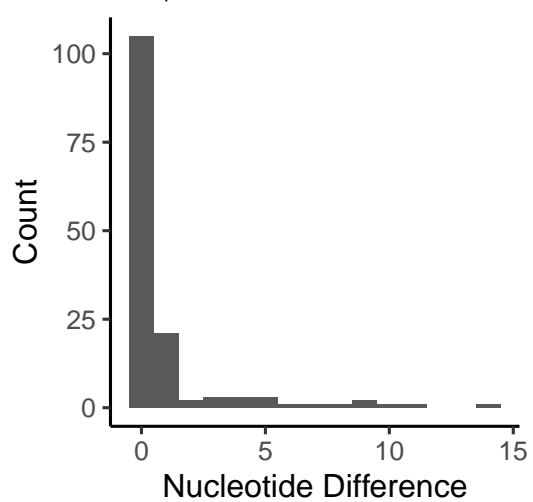
IGKV1-6*01

112 sequences assigned
78 (69.6%) exact matches, in which:
57 unique CDR3
5 unique J



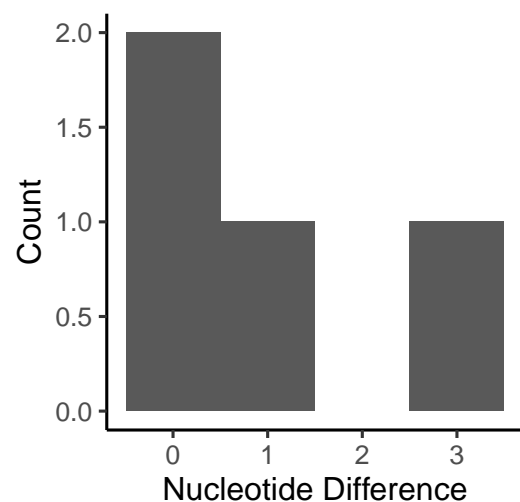
IGKV1-16*02

145 sequences assigned
105 (72.4%) exact matches, in which:
82 unique CDR3
5 unique J



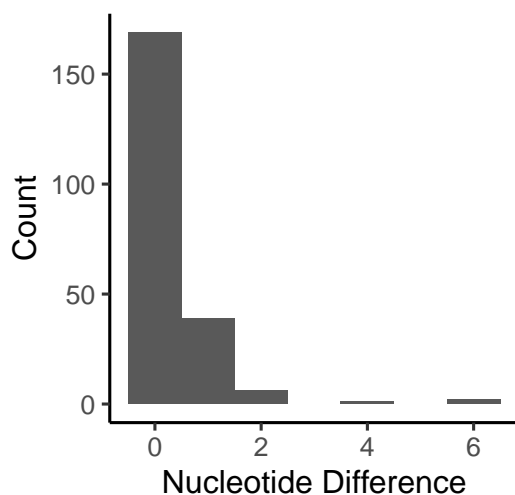
IGKV2/OR22-4*01

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



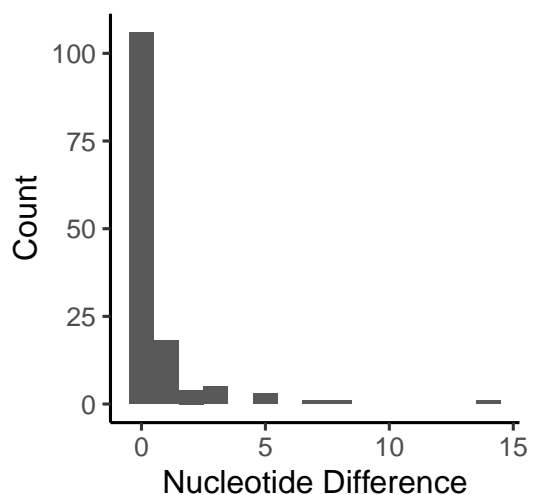
IGKV1-8*01

217 sequences assigned
169 (77.9%) exact matches, in which:
126 unique CDR3
5 unique J



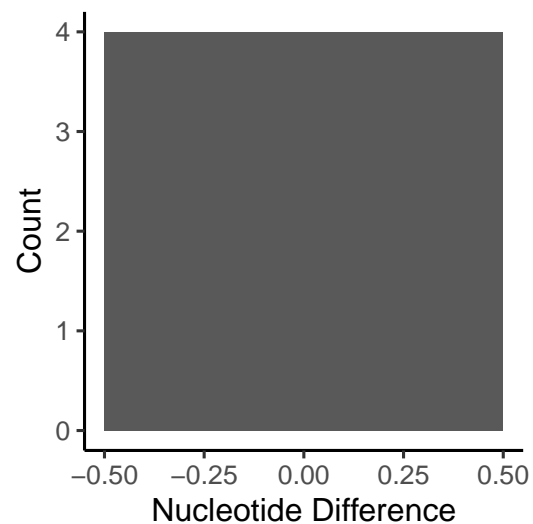
IGKV1-17*01

139 sequences assigned
106 (76.3%) exact matches, in which:
86 unique CDR3
5 unique J



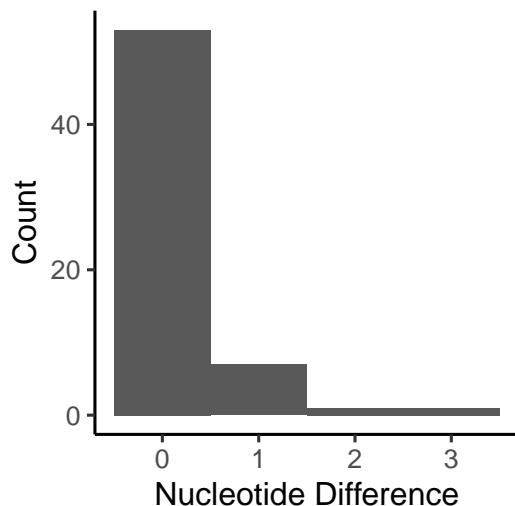
IGKV2-18*01

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



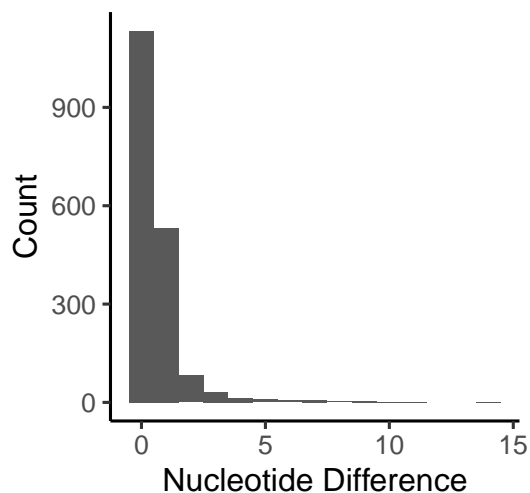
IGKV2-24*01

62 sequences assigned
53 (85.5%) exact matches, in which:
47 unique CDR3
5 unique J



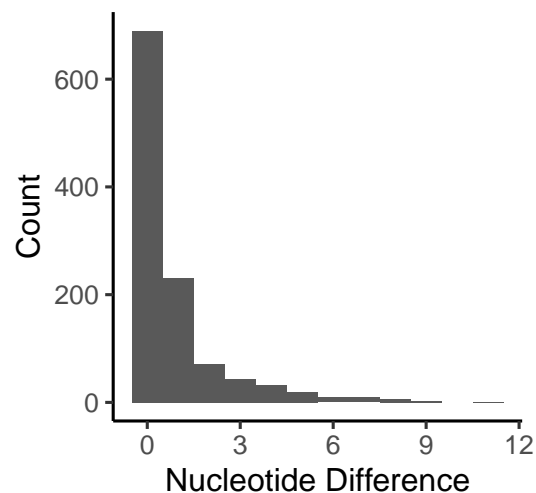
IGKV3-11*01

1829 sequences assigned
1134 (62%) exact matches, in which:
885 unique CDR3
5 unique J



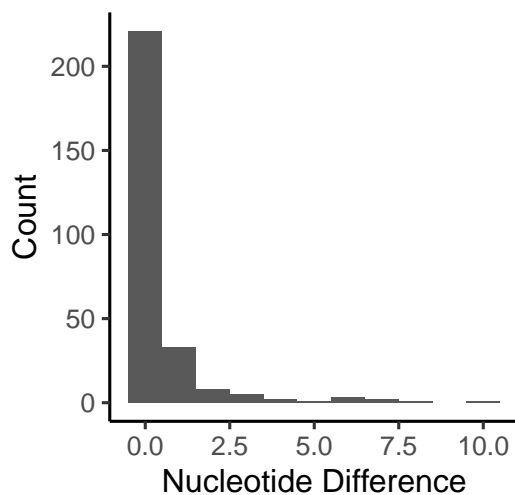
IGKV4-1*01

1113 sequences assigned
690 (62%) exact matches, in which:
520 unique CDR3
5 unique J



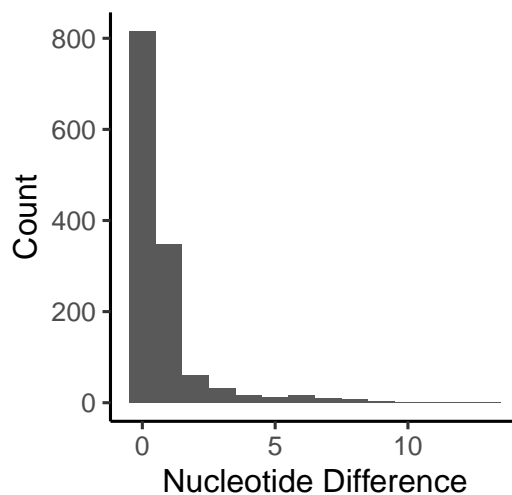
IGKV2-30*01

277 sequences assigned
221 (79.8%) exact matches, in which:
206 unique CDR3
5 unique J



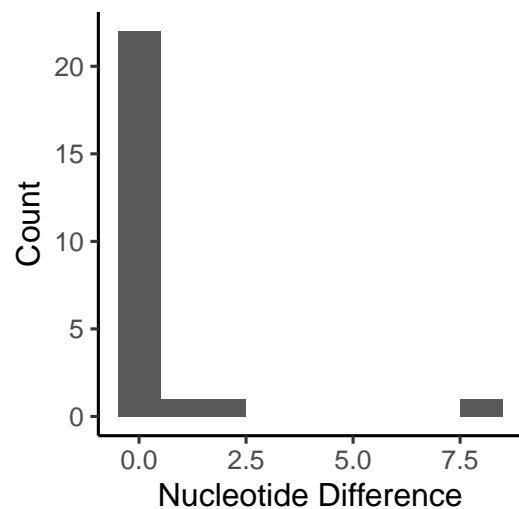
IGKV3-15*01

1325 sequences assigned
816 (61.6%) exact matches, in which:
663 unique CDR3
5 unique J



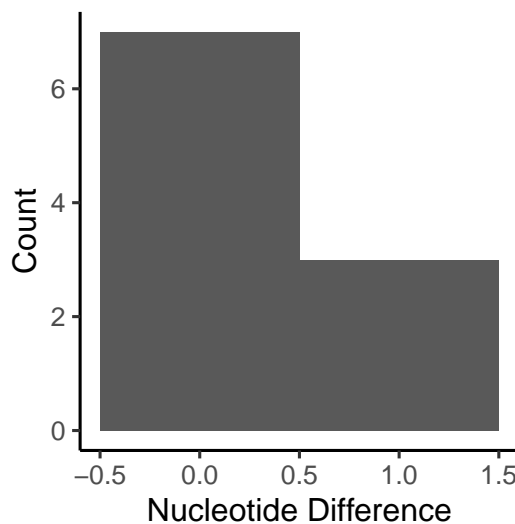
IGKV5-2*01

25 sequences assigned
22 (88%) exact matches, in which:
21 unique CDR3
4 unique J



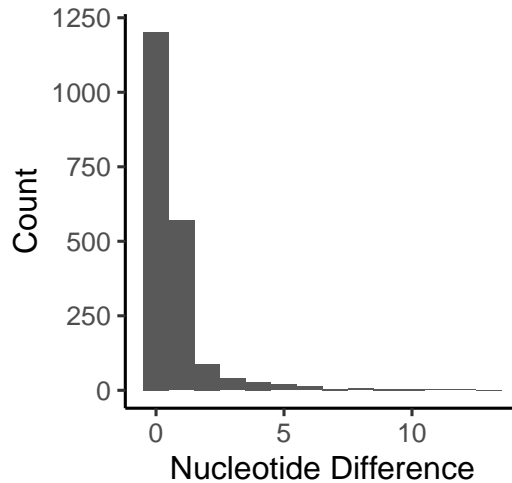
IGKV3-7*04

10 sequences assigned
7 (70%) exact matches, in which:
7 unique CDR3
3 unique J



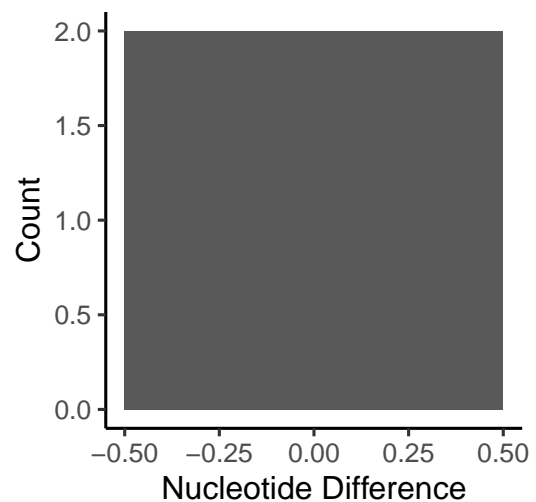
IGKV3-20*01

1988 sequences assigned
1202 (60.5%) exact matches, in which:
979 unique CDR3
5 unique J



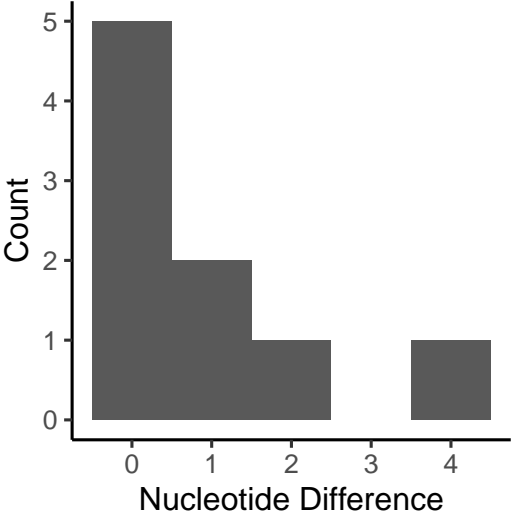
IGKV7-3*01

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



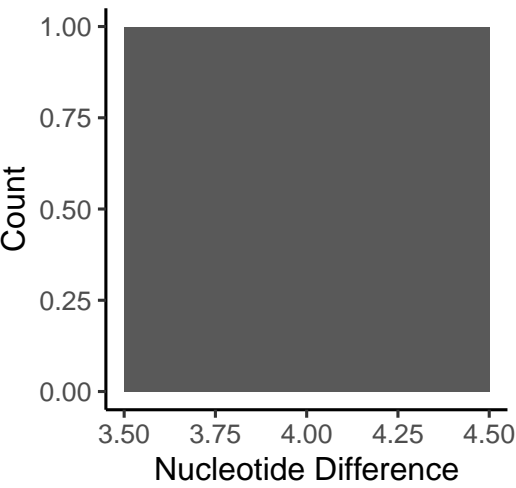
IGKV3D-7*01

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



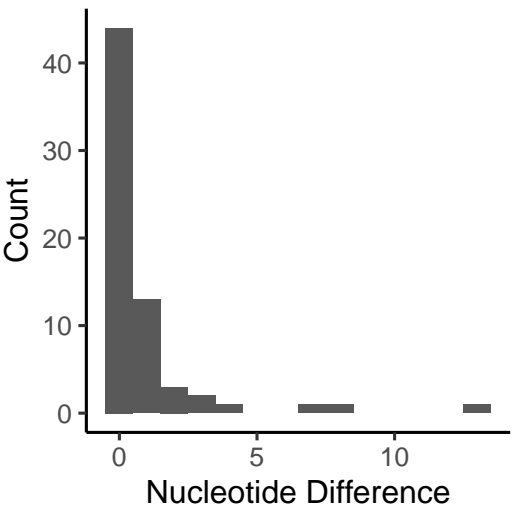
IGKV3D-11*02

1 sequences assigned
No exact matches.



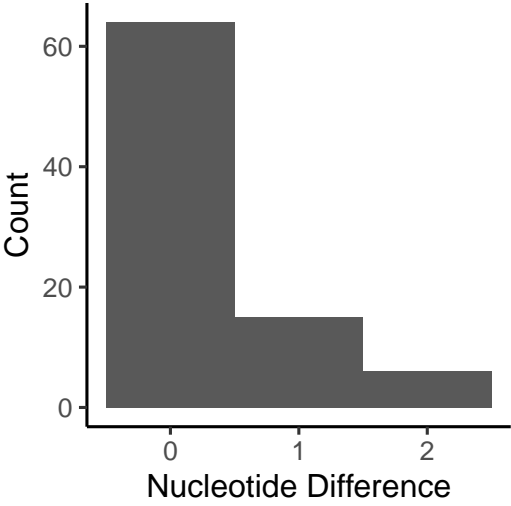
IGKV3D-20*01

66 sequences assigned
44 (66.7%) exact matches, in which:
38 unique CDR3
5 unique J



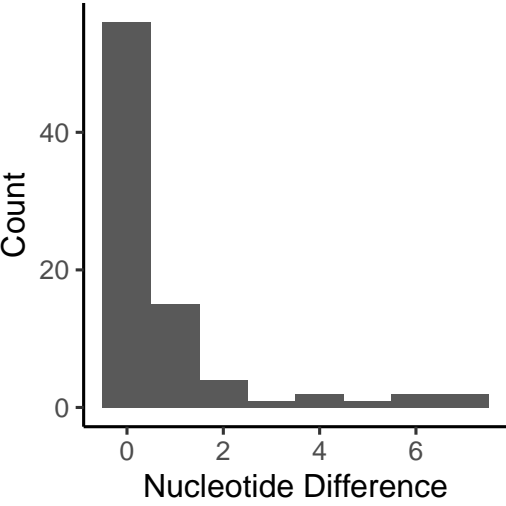
IGKV1D-8*01

85 sequences assigned
64 (75.3%) exact matches, in which:
51 unique CDR3
5 unique J



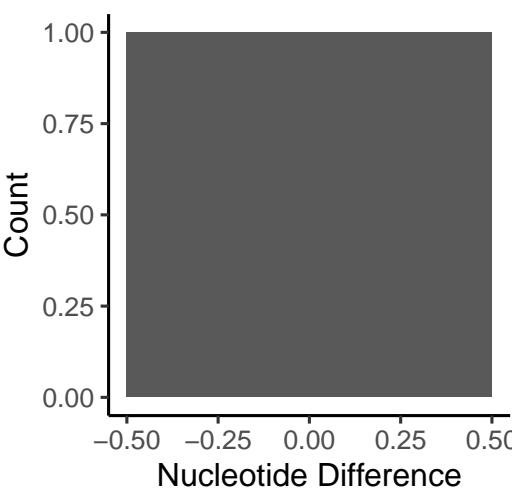
IGKV3D-15*01

83 sequences assigned
56 (67.5%) exact matches, in which:
52 unique CDR3
5 unique J



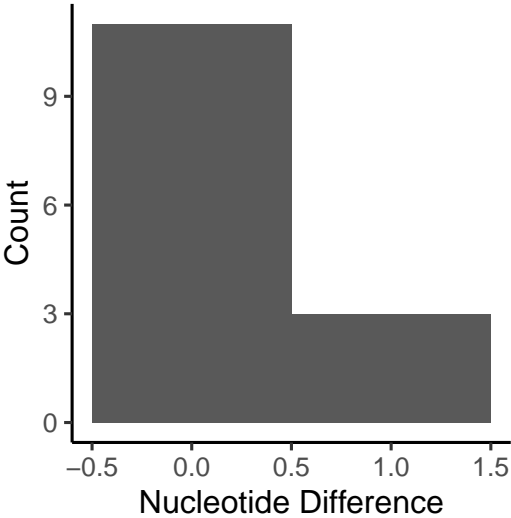
IGKV2D-24*01

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



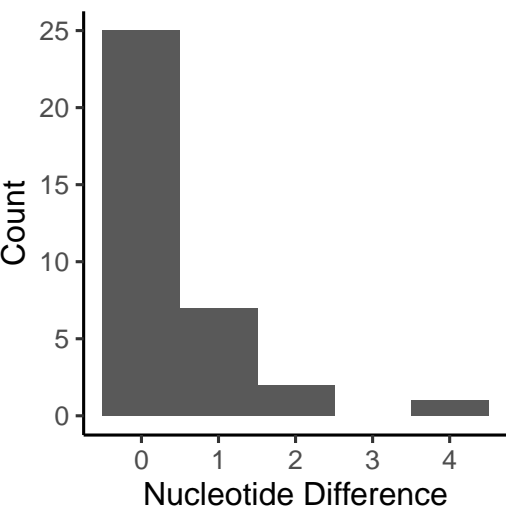
IGKV3D-11*01

14 sequences assigned
11 (78.6%) exact matches, in which:
11 unique CDR3
4 unique J



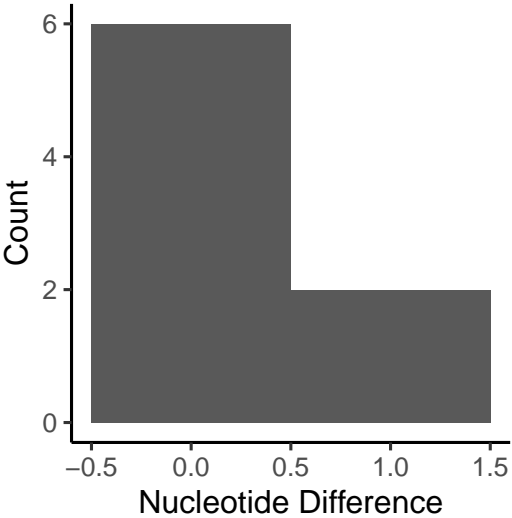
IGKV1D-16*01

35 sequences assigned
25 (71.4%) exact matches, in which:
25 unique CDR3
5 unique J



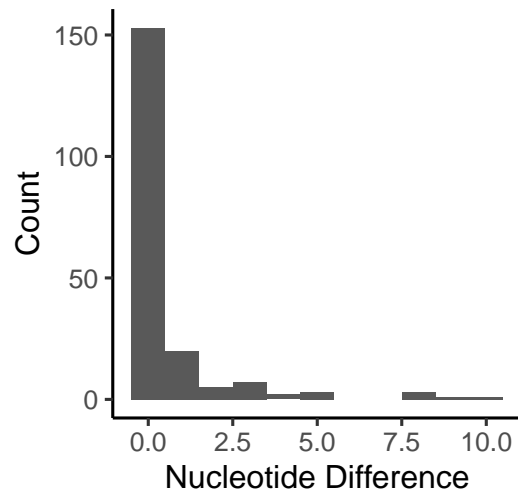
IGKV2D-26*03

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



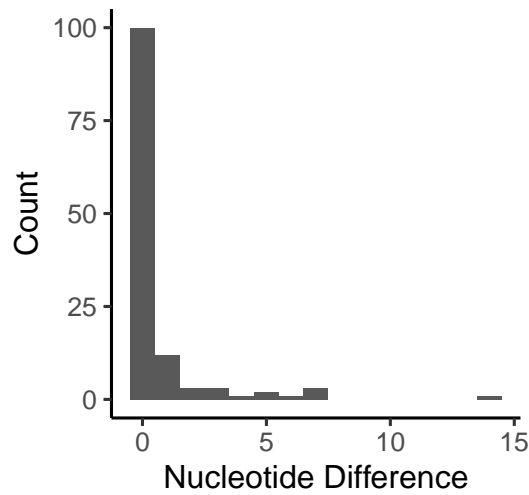
IGKV2D-29*01

196 sequences assigned
153 (78.1%) exact matches, in which:
137 unique CDR3
5 unique J



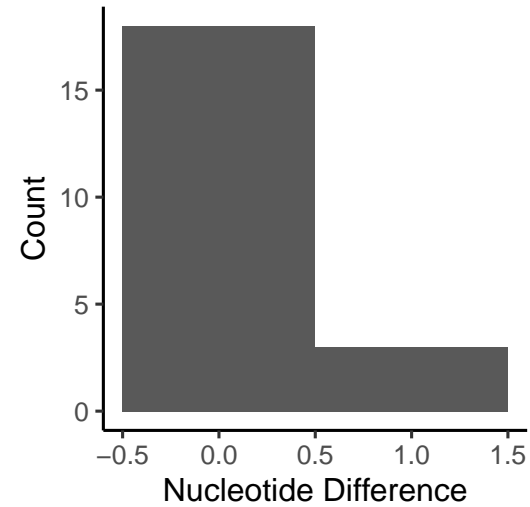
IGKV1E-12*01

126 sequences assigned
100 (79.4%) exact matches, in which:
78 unique CDR3
5 unique J



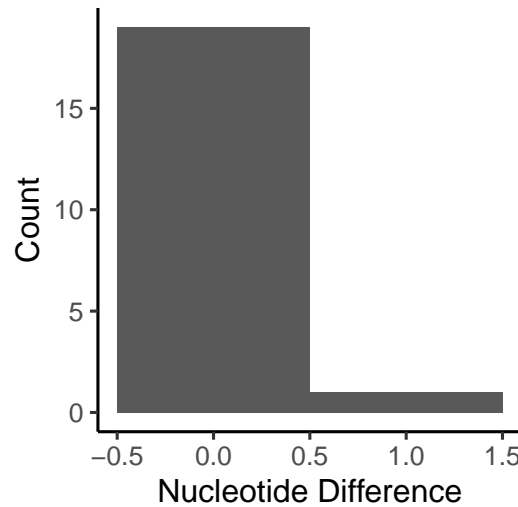
IGKV1E-13*03

21 sequences assigned
18 (85.7%) exact matches, in which:
17 unique CDR3
4 unique J



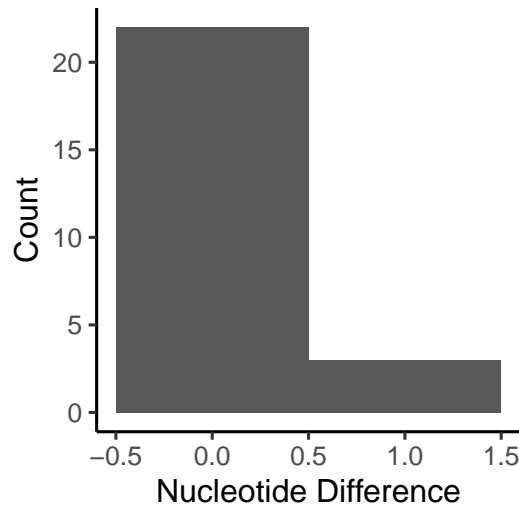
IGKV2D-30*01

20 sequences assigned
19 (95%) exact matches, in which:
18 unique CDR3
4 unique J



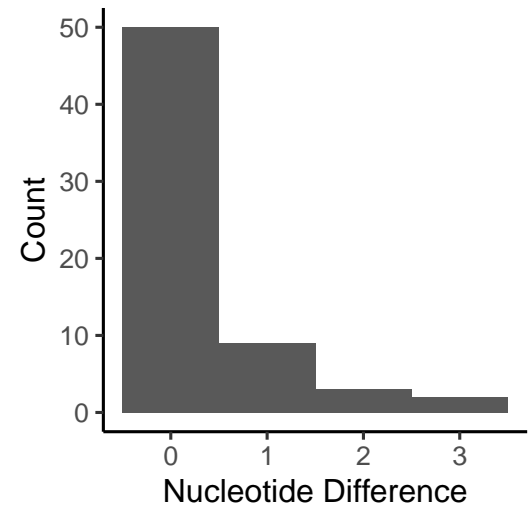
IGKV1E-12*02

25 sequences assigned
22 (88%) exact matches, in which:
18 unique CDR3
5 unique J



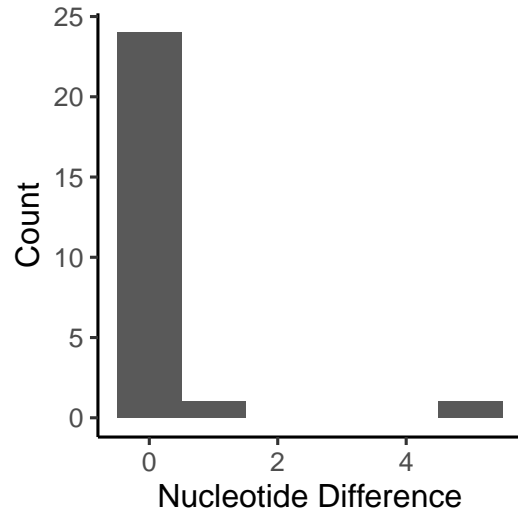
IGKV6E-21*01

64 sequences assigned
50 (78.1%) exact matches, in which:
45 unique CDR3
5 unique J



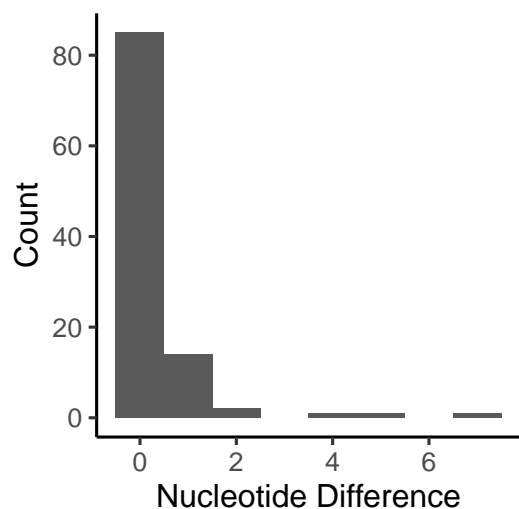
IGKV1D-43*01

26 sequences assigned
24 (92.3%) exact matches, in which:
24 unique CDR3
5 unique J



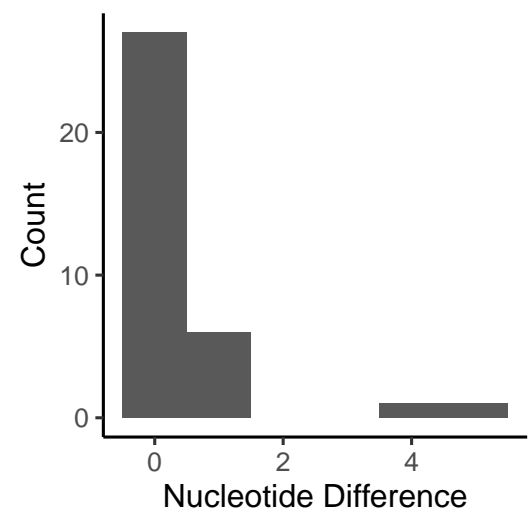
IGKV1E-12*03

104 sequences assigned
85 (81.7%) exact matches, in which:
67 unique CDR3
5 unique J



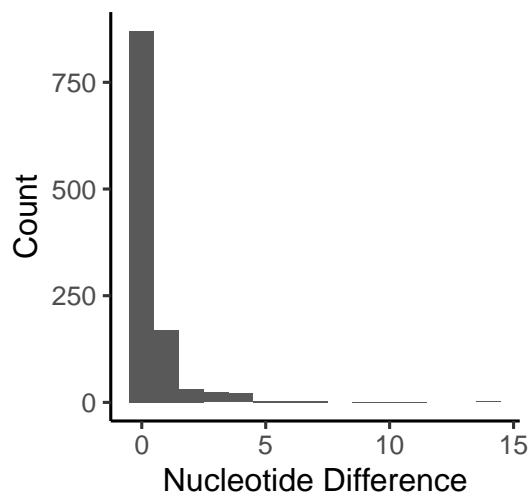
IGKV6E-21*03

35 sequences assigned
27 (77.1%) exact matches, in which:
25 unique CDR3
5 unique J



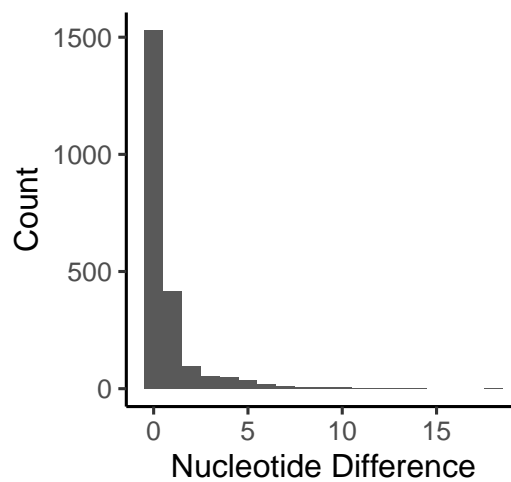
IGKV2E-28*01

1130 sequences assigned
871 (77.1%) exact matches, in which:
671 unique CDR3
5 unique J



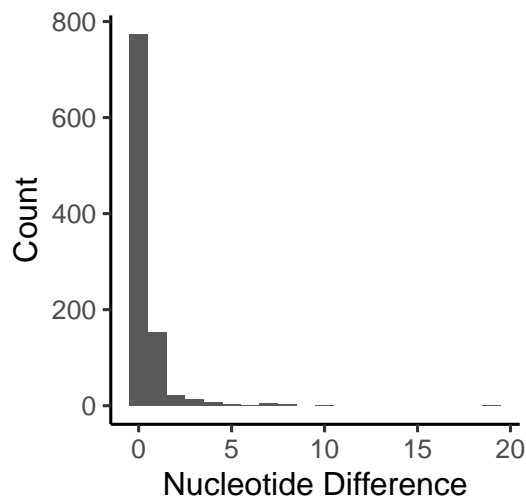
IGKV1E-39*01

2241 sequences assigned
1529 (68.2%) exact matches, in which:
1147 unique CDR3
5 unique J



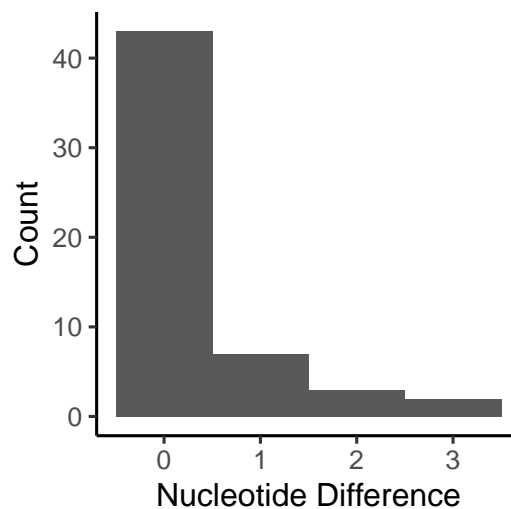
IGKV1E-33*01

986 sequences assigned
774 (78.5%) exact matches, in which:
612 unique CDR3
5 unique J



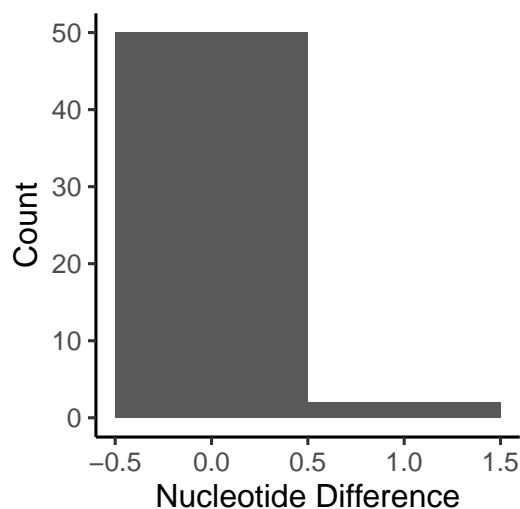
IGKV2E-40*01

55 sequences assigned
43 (78.2%) exact matches, in which:
34 unique CDR3
5 unique J



IGKV1E-37*01

52 sequences assigned
50 (96.2%) exact matches, in which:
49 unique CDR3
5 unique J





Warning – no inferred sequences found.