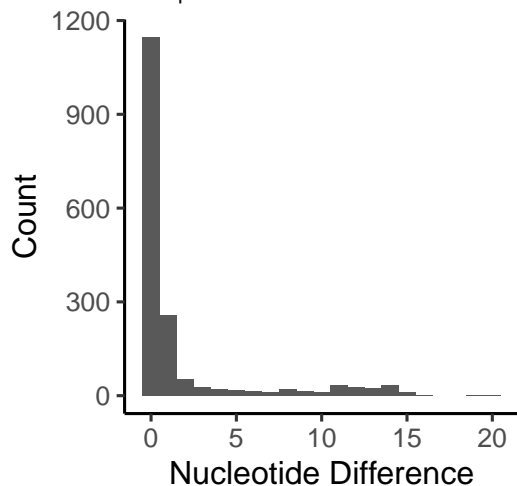


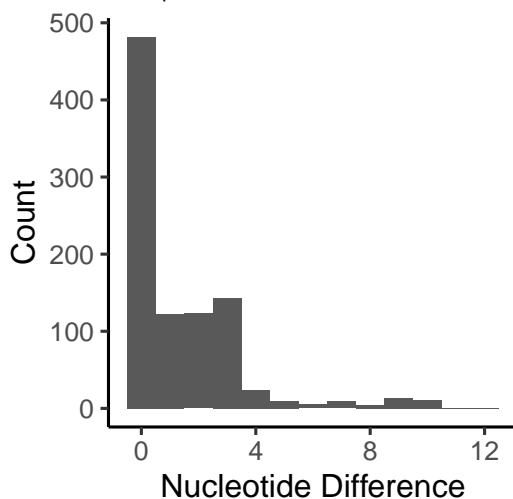
IGKV1-5*03

1735 sequences assigned
1146 (66.1%) exact matches, in which:
870 unique CDR3
5 unique J



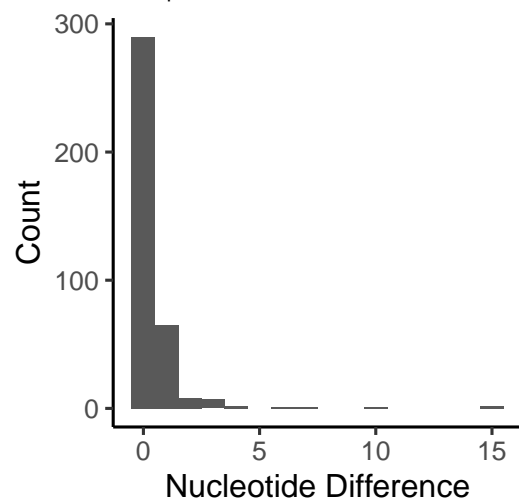
IGKV1-9*01

948 sequences assigned
482 (50.8%) exact matches, in which:
384 unique CDR3
5 unique J



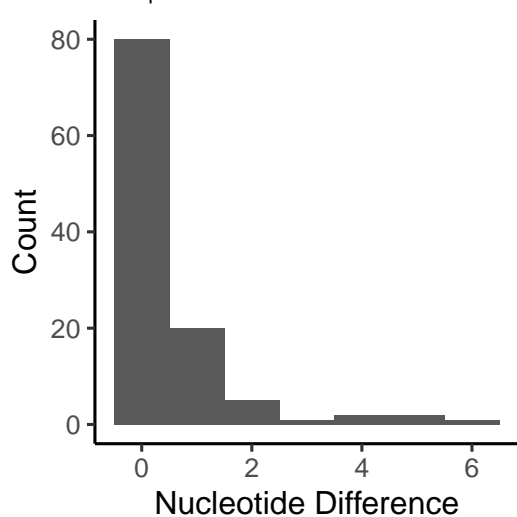
IGKV1-27*01

377 sequences assigned
290 (76.9%) exact matches, in which:
229 unique CDR3
5 unique J



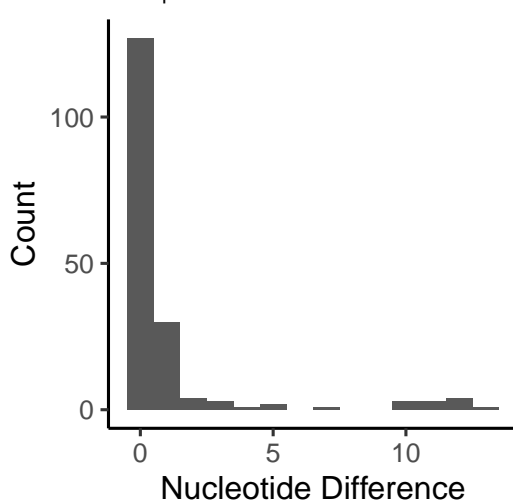
IGKV1-6*01

111 sequences assigned
80 (72.1%) exact matches, in which:
58 unique CDR3
5 unique J



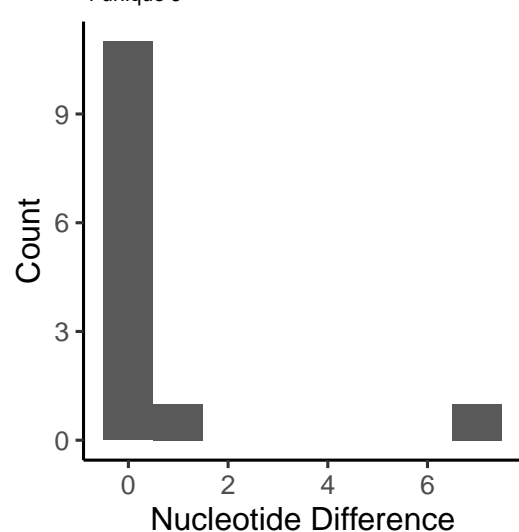
IGKV1-16*02

179 sequences assigned
127 (70.9%) exact matches, in which:
90 unique CDR3
5 unique J



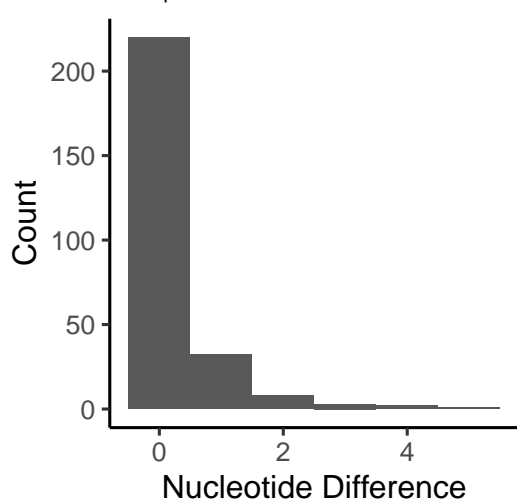
IGKV2/OR22-4*01

13 sequences assigned
11 (84.6%) exact matches, in which:
8 unique CDR3
4 unique J



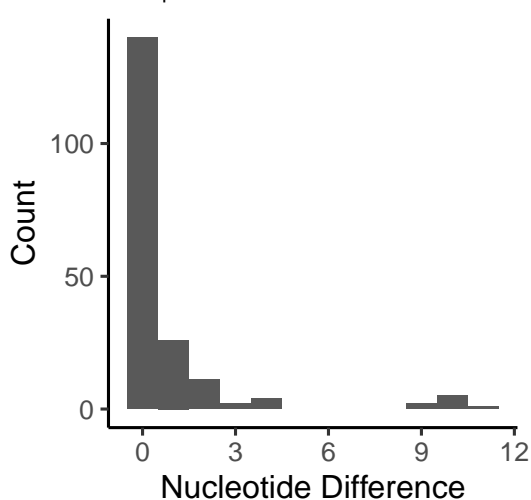
IGKV1-8*01

267 sequences assigned
220 (82.4%) exact matches, in which:
161 unique CDR3
5 unique J



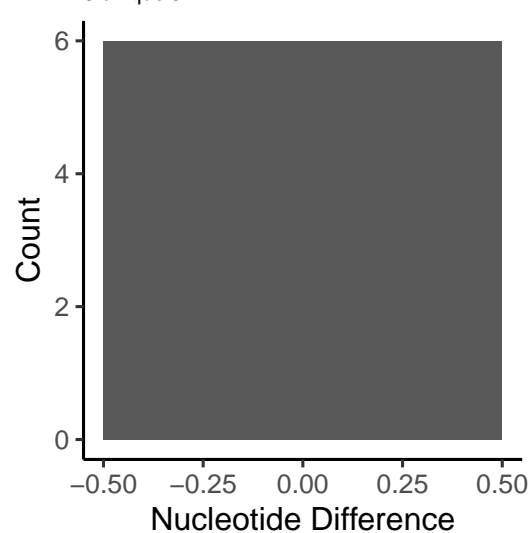
IGKV1-17*01

191 sequences assigned
140 (73.3%) exact matches, in which:
112 unique CDR3
5 unique J



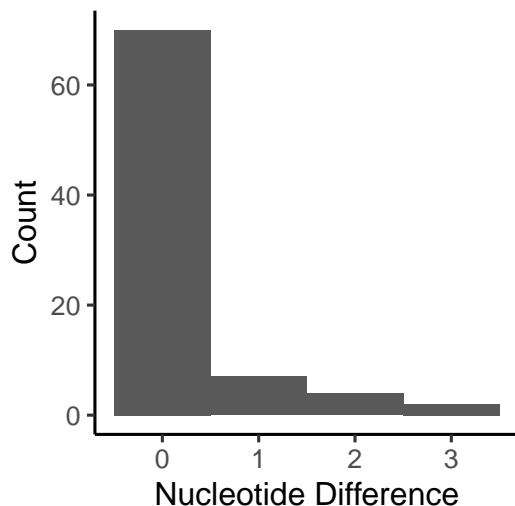
IGKV2-18*01

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
3 unique J



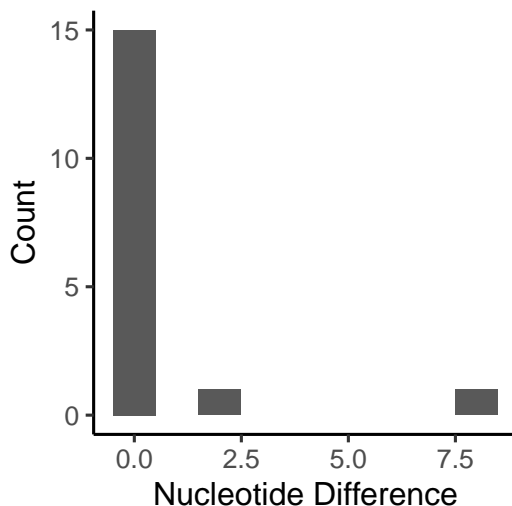
IGKV2-24*01

83 sequences assigned
70 (84.3%) exact matches, in which:
62 unique CDR3
5 unique J



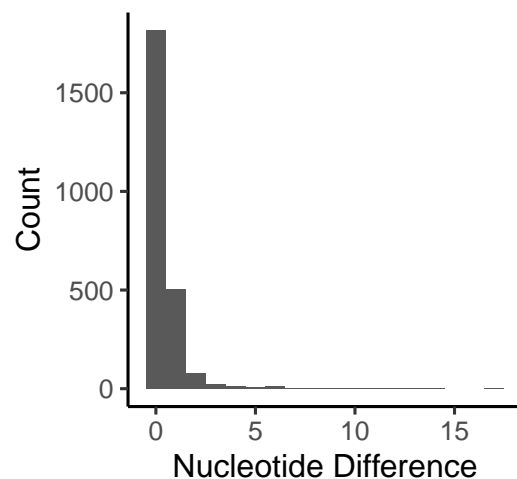
IGKV3-7*04

17 sequences assigned
15 (88.2%) exact matches, in which:
14 unique CDR3
4 unique J



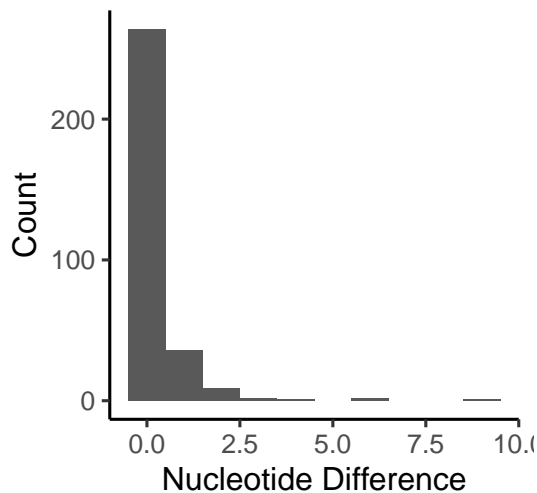
IGKV3-20*01

2496 sequences assigned
1816 (72.8%) exact matches, in which:
1318 unique CDR3
5 unique J



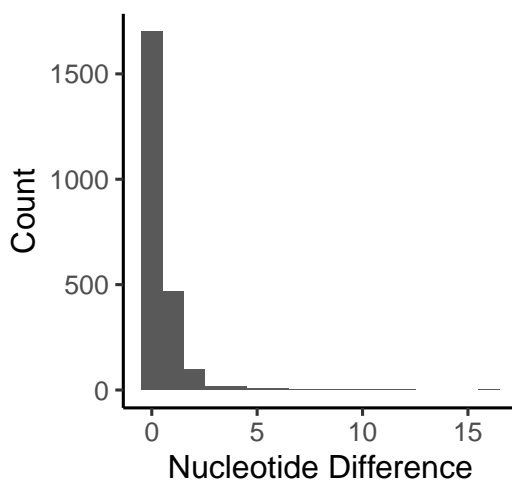
IGKV2-30*01

325 sequences assigned
264 (81.2%) exact matches, in which:
228 unique CDR3
5 unique J



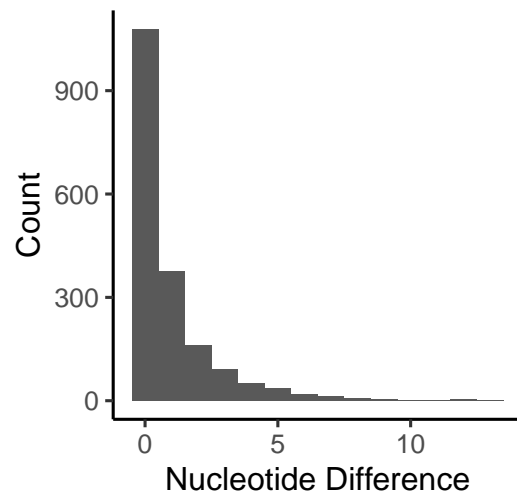
IGKV3-11*01

2329 sequences assigned
1700 (73%) exact matches, in which:
1225 unique CDR3
5 unique J



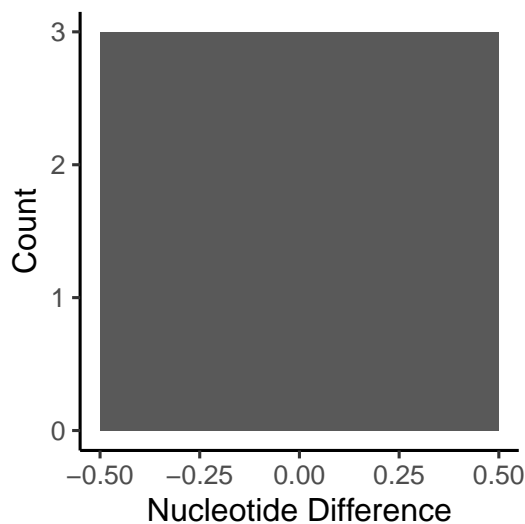
IGKV4-1*01

1845 sequences assigned
1079 (58.5%) exact matches, in which:
716 unique CDR3
5 unique J



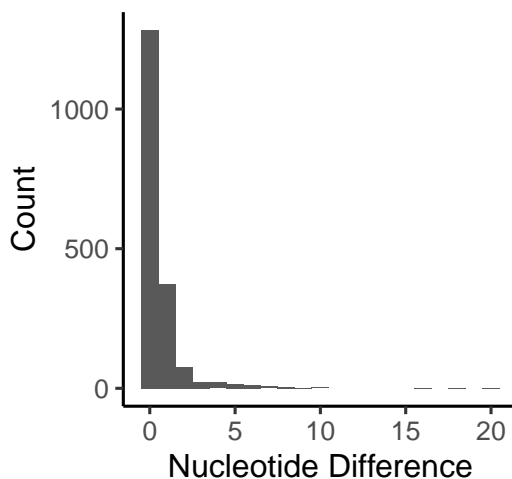
IGKV1/OR2-108*01

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



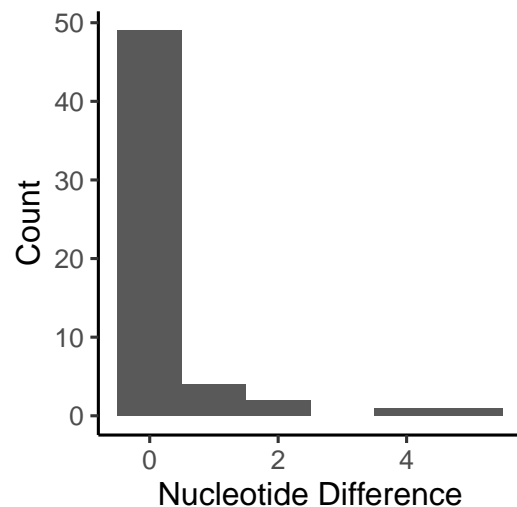
IGKV3-15*01

1820 sequences assigned
1283 (70.5%) exact matches, in which:
926 unique CDR3
5 unique J



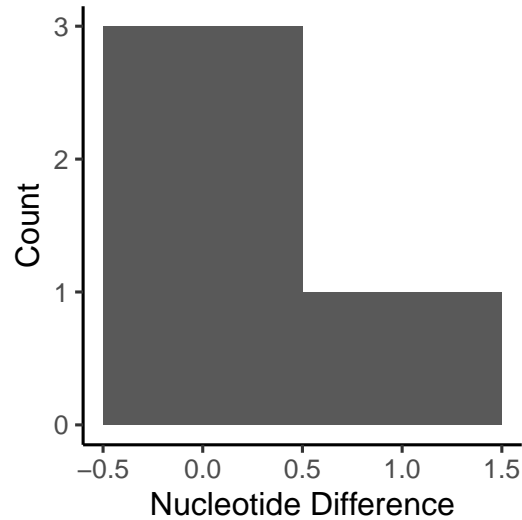
IGKV5-2*01

57 sequences assigned
49 (86%) exact matches, in which:
42 unique CDR3
4 unique J



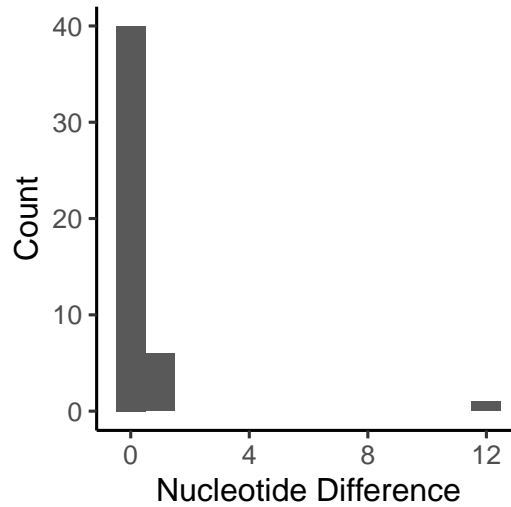
IGKV7-3*01

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



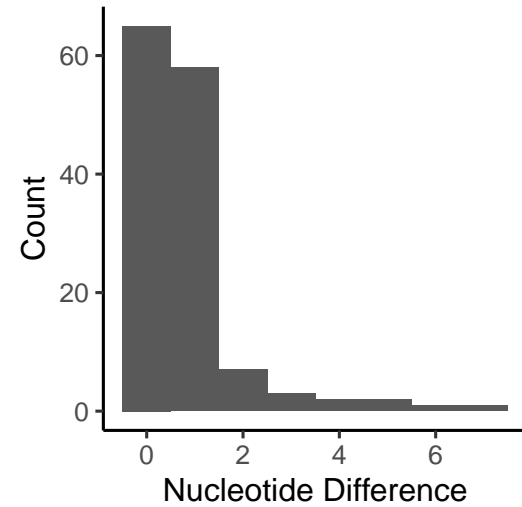
IGKV1D-8*03

47 sequences assigned
40 (85.1%) exact matches, in which:
33 unique CDR3
5 unique J



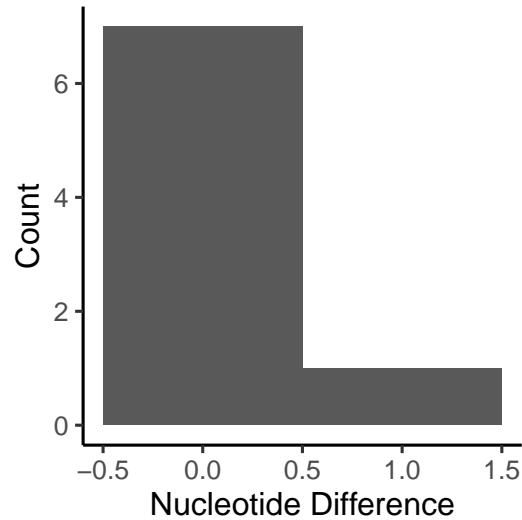
IGKV3D-15*01

139 sequences assigned
65 (46.8%) exact matches, in which:
57 unique CDR3
5 unique J



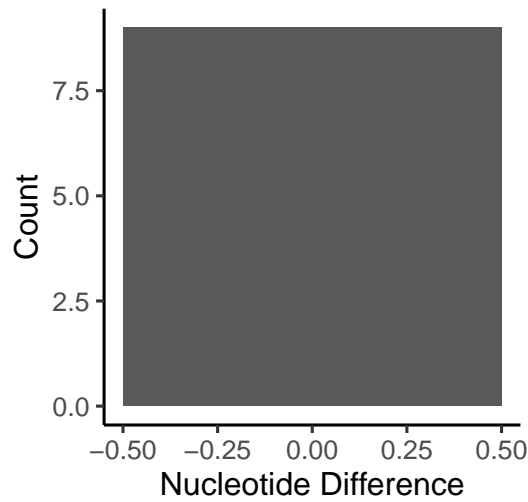
IGKV3D-7*01

8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
3 unique J



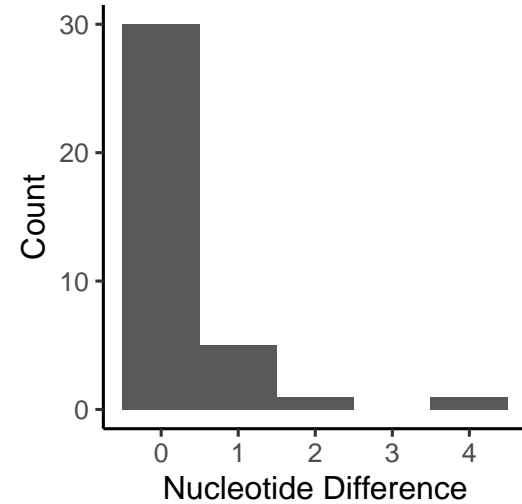
IGKV3D-11*01

9 sequences assigned
9 (100%) exact matches, in which:
9 unique CDR3
3 unique J



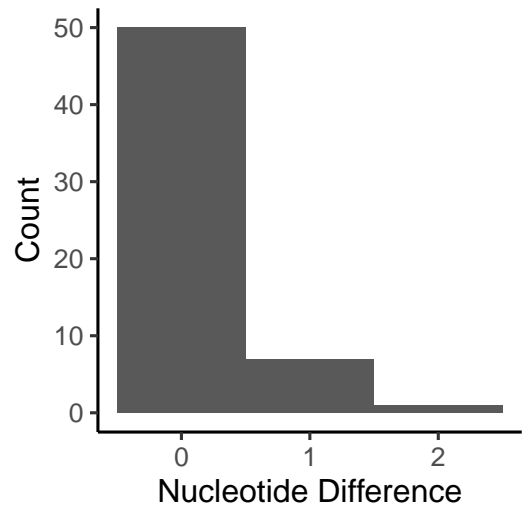
IGKV1D-16*01

37 sequences assigned
30 (81.1%) exact matches, in which:
25 unique CDR3
5 unique J



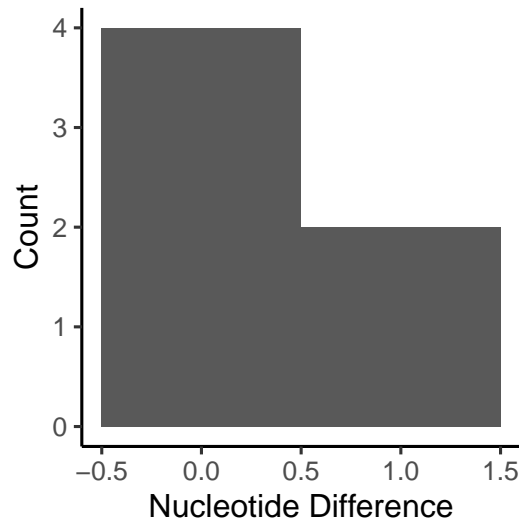
IGKV1D-8*01

58 sequences assigned
50 (86.2%) exact matches, in which:
42 unique CDR3
5 unique J



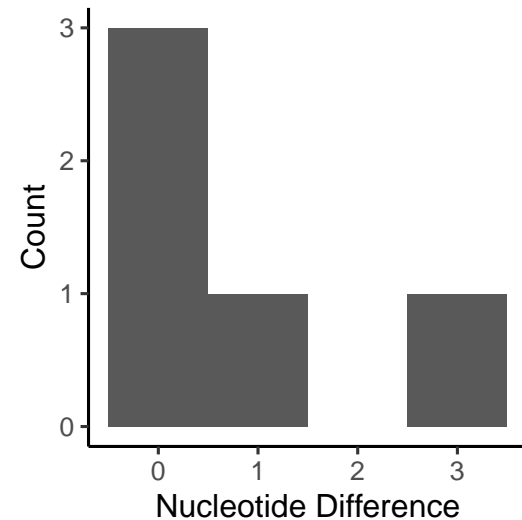
IGKV3D-11*02

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



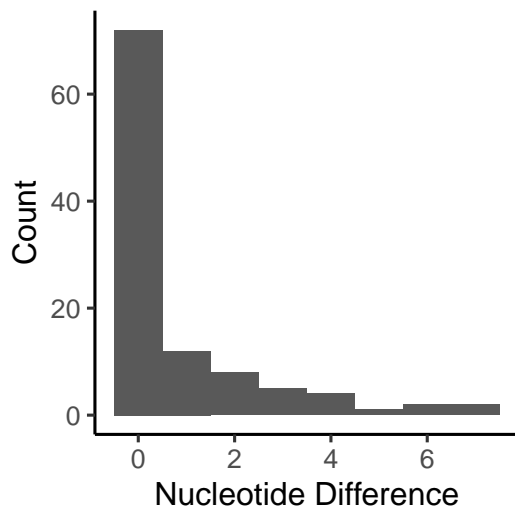
IGKV1D-16*02

5 sequences assigned
3 (60%) exact matches, in which:
2 unique CDR3
2 unique J



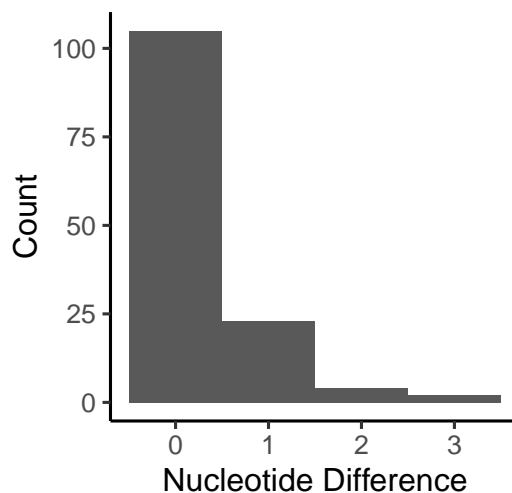
IGKV3D-20*01

106 sequences assigned
72 (67.9%) exact matches, in which:
66 unique CDR3
5 unique J



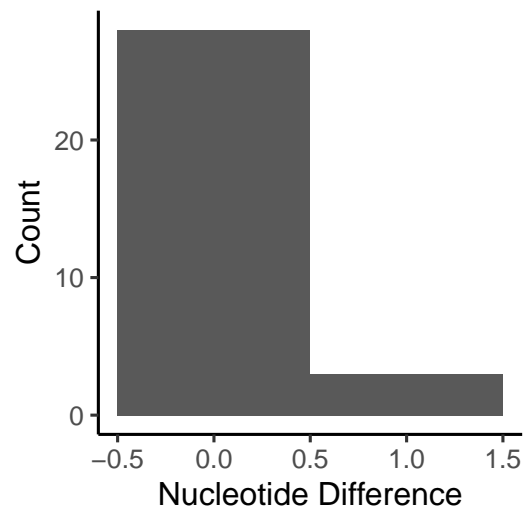
IGKV2D-29*01

134 sequences assigned
105 (78.4%) exact matches, in which:
89 unique CDR3
5 unique J



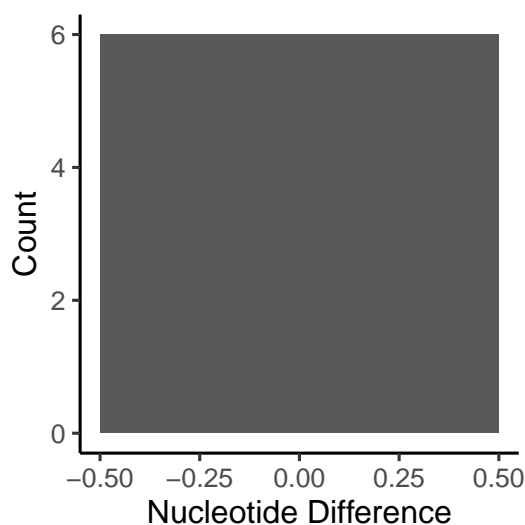
IGKV1D-43*01

31 sequences assigned
28 (90.3%) exact matches, in which:
26 unique CDR3
5 unique J



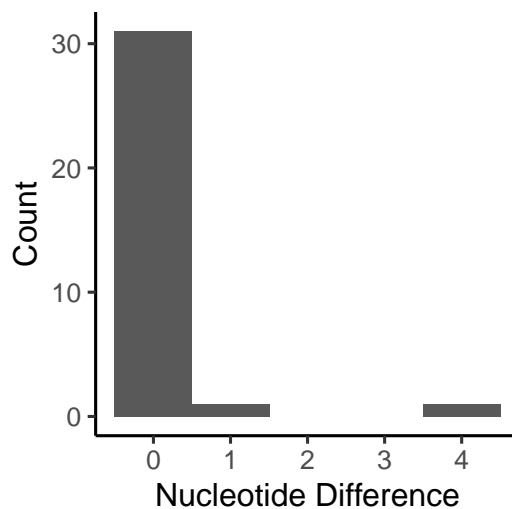
IGKV2D-24*01

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
4 unique J



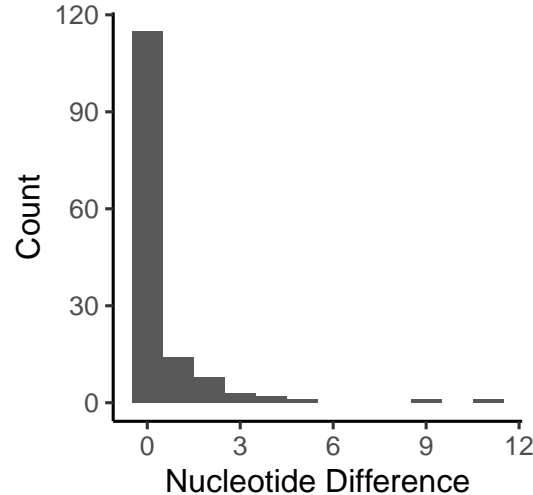
IGKV2D-30*01

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



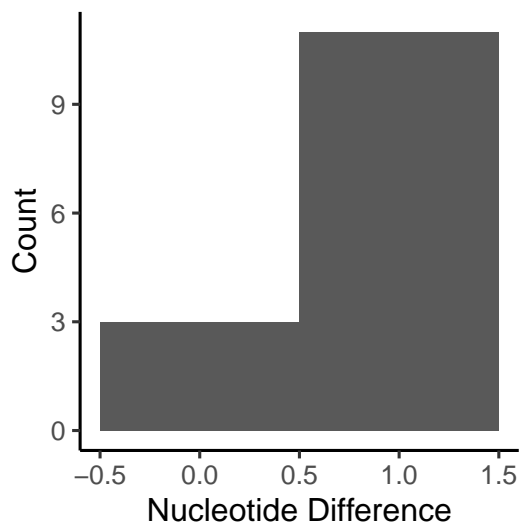
IGKV1E-12*01

145 sequences assigned
115 (79.3%) exact matches, in which:
74 unique CDR3
5 unique J



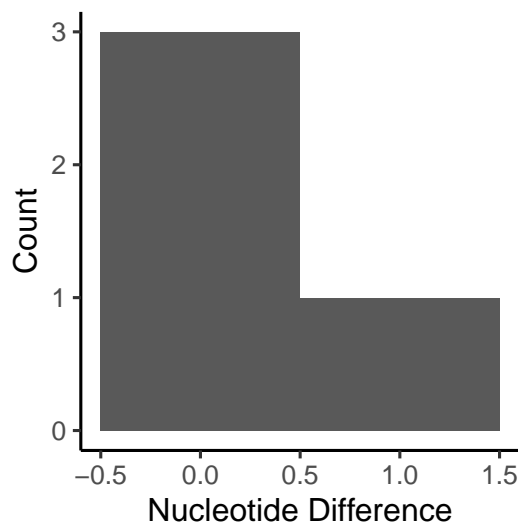
IGKV2D-26*03

14 sequences assigned
3 (21.4%) exact matches, in which:
3 unique CDR3
3 unique J



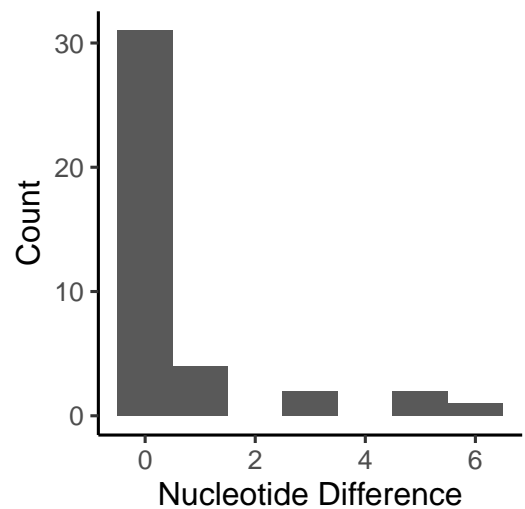
IGKV6D-41*01

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



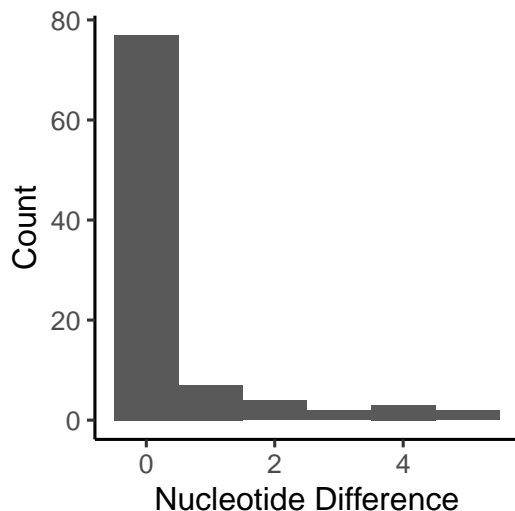
IGKV1E-12*02

40 sequences assigned
31 (77.5%) exact matches, in which:
25 unique CDR3
5 unique J



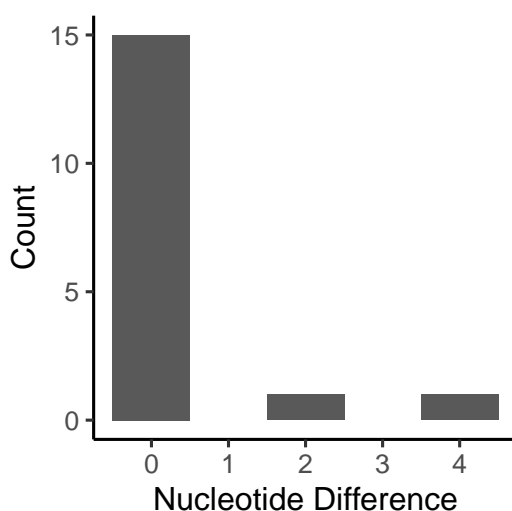
IGKV1E-12*03

95 sequences assigned
77 (81.1%) exact matches, in which:
64 unique CDR3
5 unique J



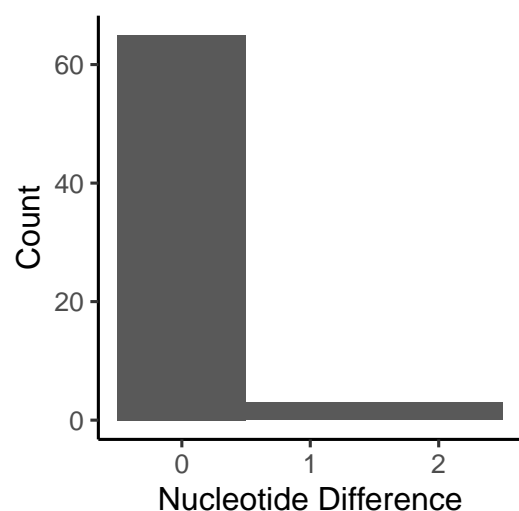
IGKV6E-21*03

17 sequences assigned
15 (88.2%) exact matches, in which:
14 unique CDR3
5 unique J



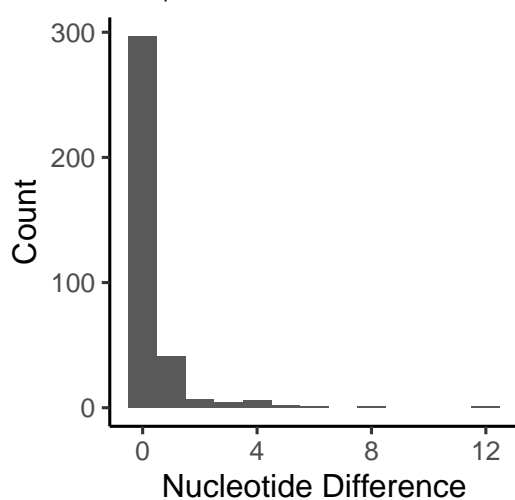
IGKV1E-37*01

71 sequences assigned
65 (91.5%) exact matches, in which:
60 unique CDR3
5 unique J



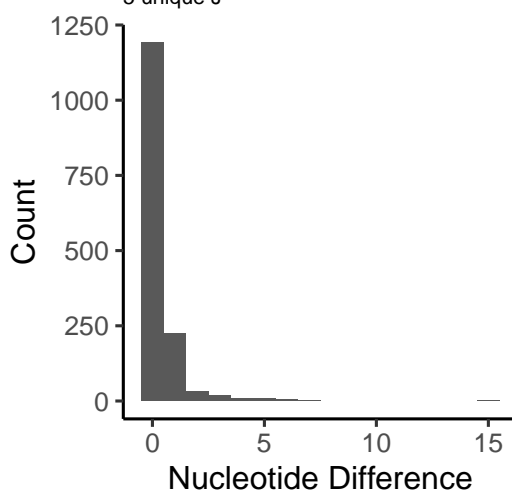
IGKV1E-13*02

360 sequences assigned
297 (82.5%) exact matches, in which:
245 unique CDR3
5 unique J



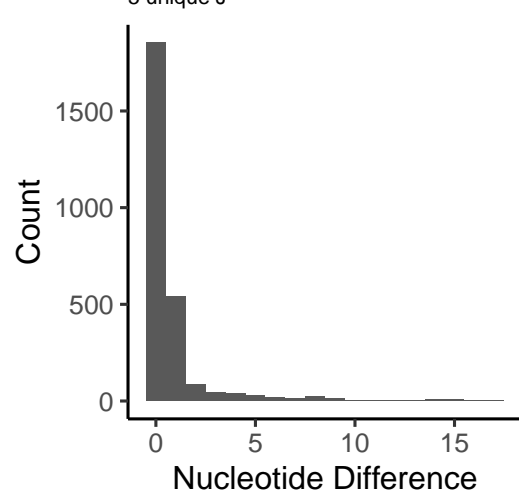
IGKV2E-28*01

1491 sequences assigned
1191 (79.9%) exact matches, in which:
856 unique CDR3
5 unique J



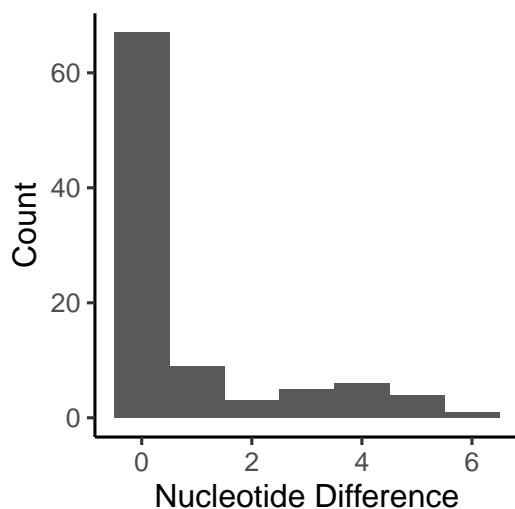
IGKV1E-39*01

2684 sequences assigned
1853 (69%) exact matches, in which:
1297 unique CDR3
5 unique J



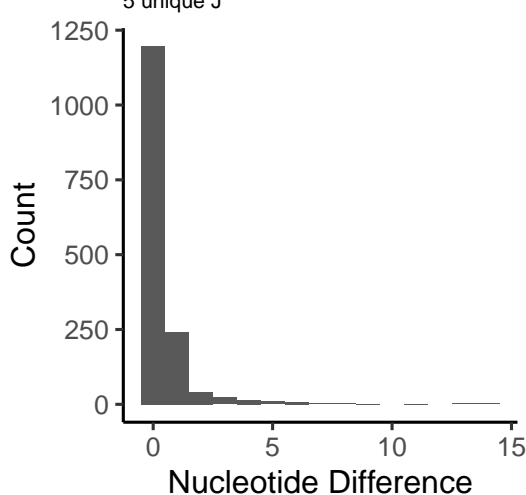
IGKV6E-21*01

95 sequences assigned
67 (70.5%) exact matches, in which:
50 unique CDR3
5 unique J



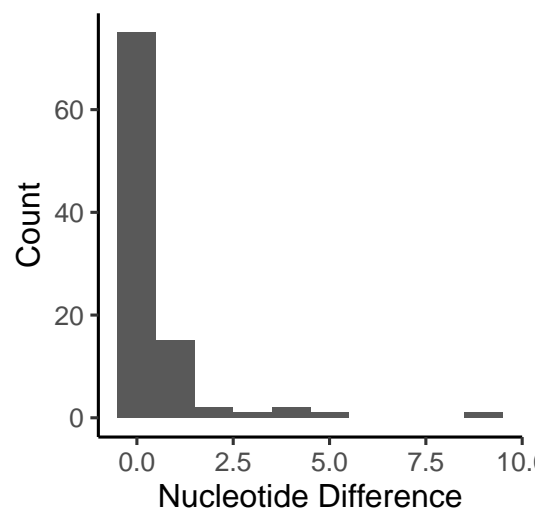
IGKV1E-33*01

1549 sequences assigned
1197 (77.3%) exact matches, in which:
852 unique CDR3
5 unique J



IGKV2E-40*01

97 sequences assigned
75 (77.3%) exact matches, in which:
55 unique CDR3
5 unique J





Warning – no inferred sequences found.