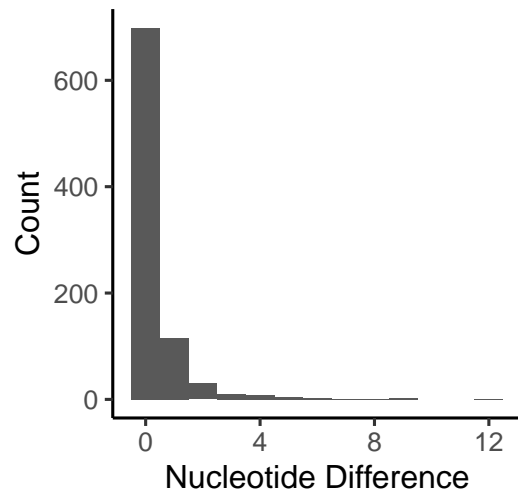


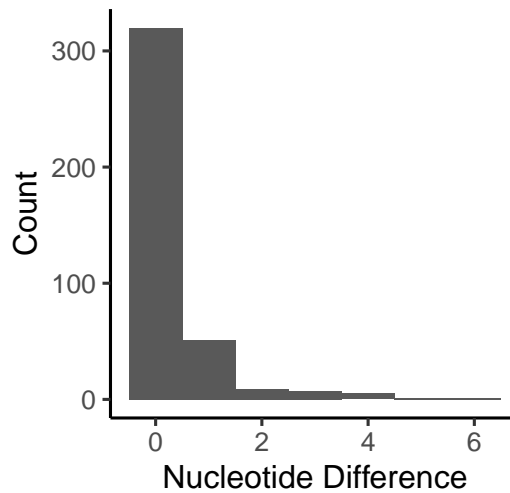
IGKV1-5*03

875 sequences assigned
699 (79.9%) exact matches, in which:
557 unique CDR3
5 unique J



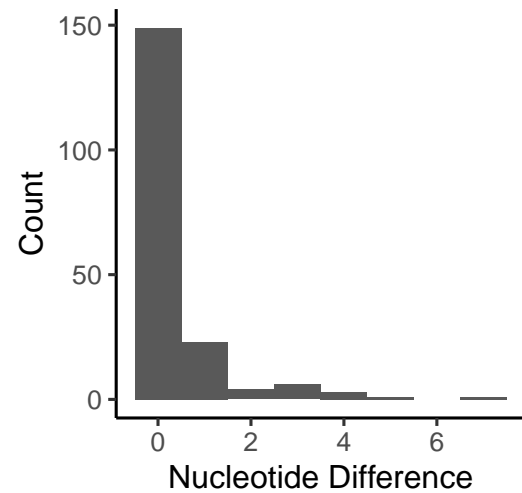
IGKV1-9*01

394 sequences assigned
320 (81.2%) exact matches, in which:
264 unique CDR3
5 unique J



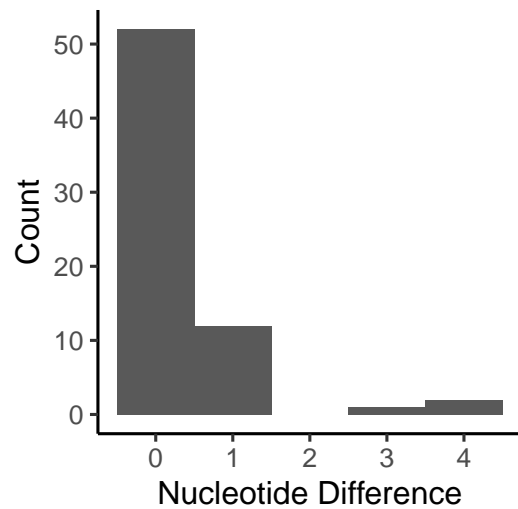
IGKV1-27*01

187 sequences assigned
149 (79.7%) exact matches, in which:
112 unique CDR3
5 unique J



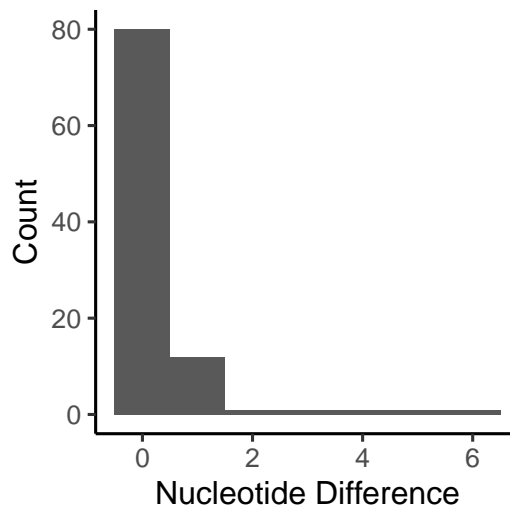
IGKV1-6*01

67 sequences assigned
52 (77.6%) exact matches, in which:
40 unique CDR3
5 unique J



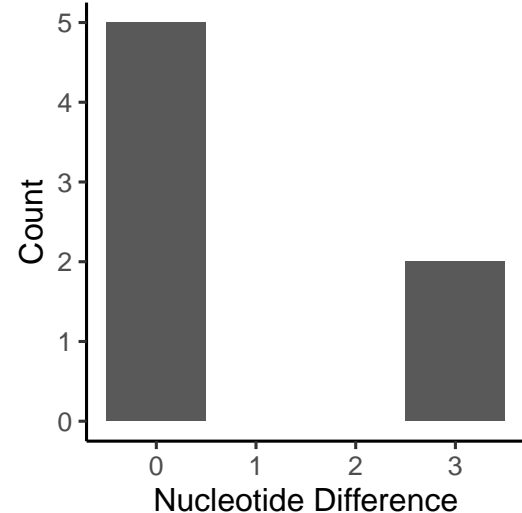
IGKV1-16*02

97 sequences assigned
80 (82.5%) exact matches, in which:
66 unique CDR3
5 unique J



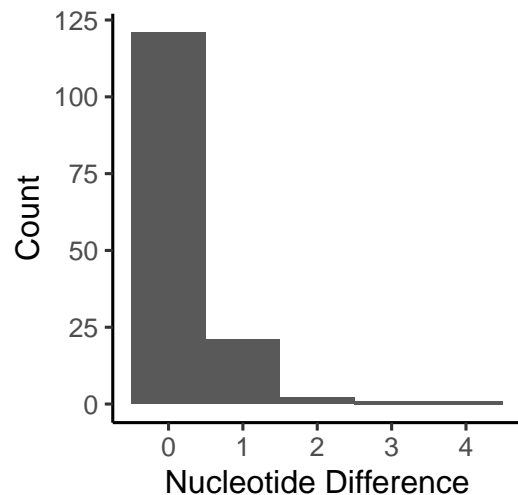
IGKV2/OR22-4*01

7 sequences assigned
5 (71.4%) exact matches, in which:
4 unique CDR3
3 unique J



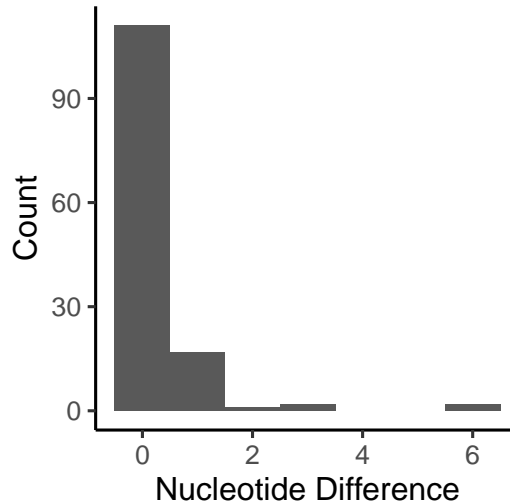
IGKV1-8*01

146 sequences assigned
121 (82.9%) exact matches, in which:
87 unique CDR3
5 unique J



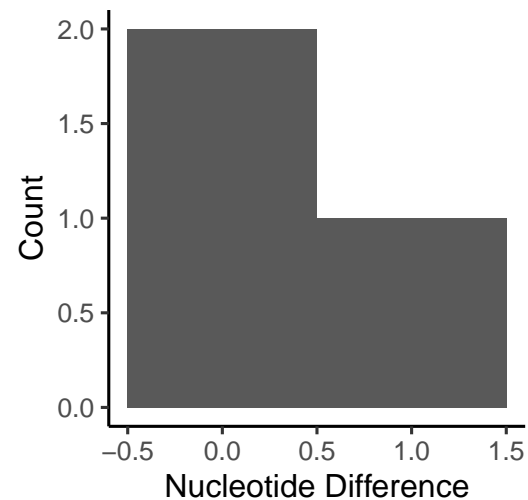
IGKV1-17*01

133 sequences assigned
111 (83.5%) exact matches, in which:
84 unique CDR3
5 unique J



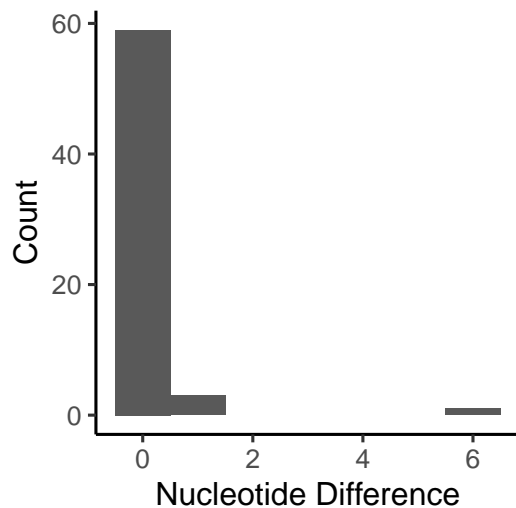
IGKV2-18*01

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



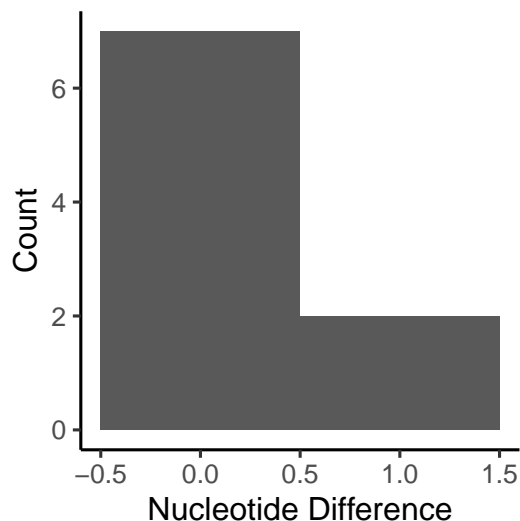
IGKV2-24*01

63 sequences assigned
59 (93.7%) exact matches, in which:
56 unique CDR3
5 unique J



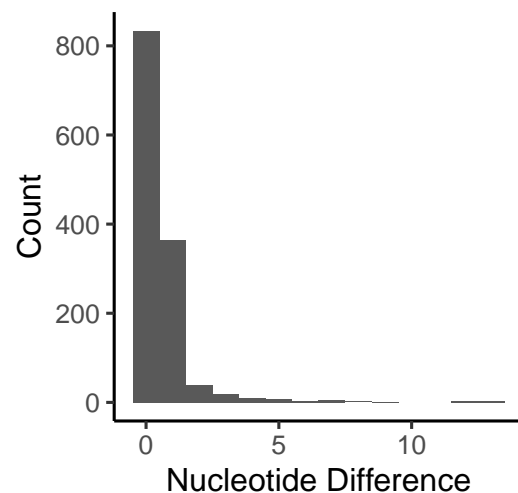
IGKV3-7*04

9 sequences assigned
7 (77.8%) exact matches, in which:
7 unique CDR3
4 unique J



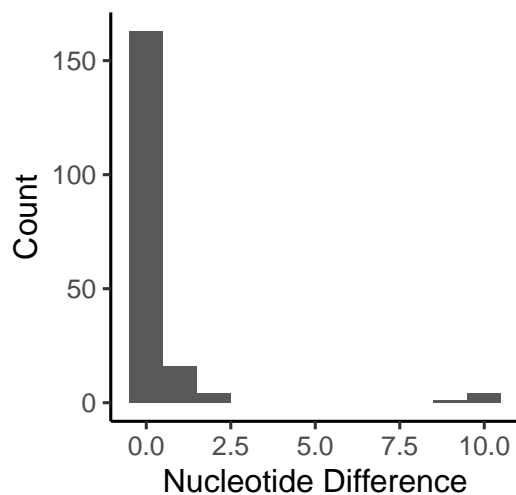
IGKV3-20*01

1290 sequences assigned
834 (64.7%) exact matches, in which:
679 unique CDR3
5 unique J



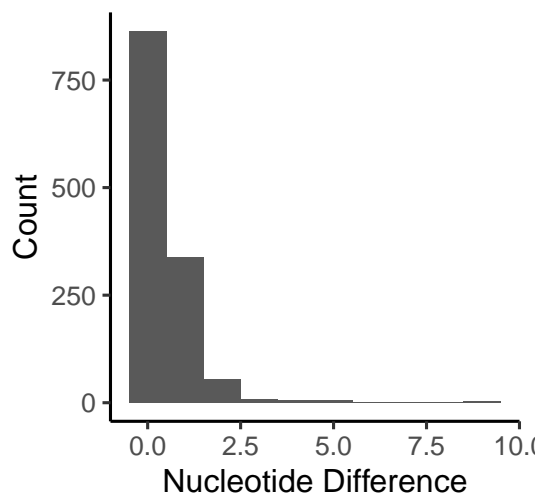
IGKV2-30*01

188 sequences assigned
163 (86.7%) exact matches, in which:
153 unique CDR3
5 unique J



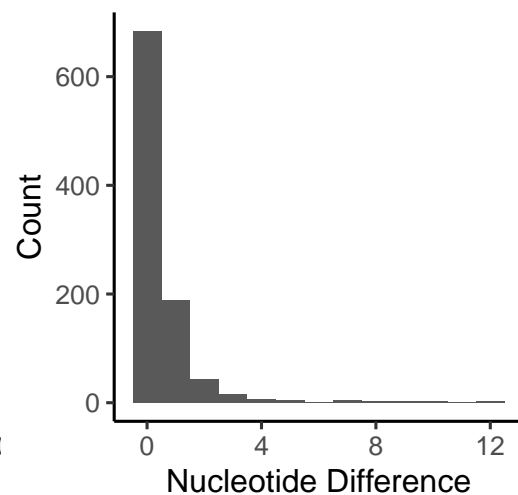
IGKV3-11*01

1284 sequences assigned
864 (67.3%) exact matches, in which:
653 unique CDR3
5 unique J



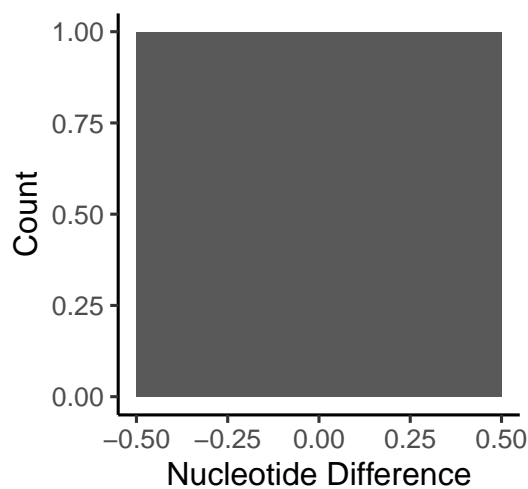
IGKV4-1*01

959 sequences assigned
684 (71.3%) exact matches, in which:
510 unique CDR3
5 unique J



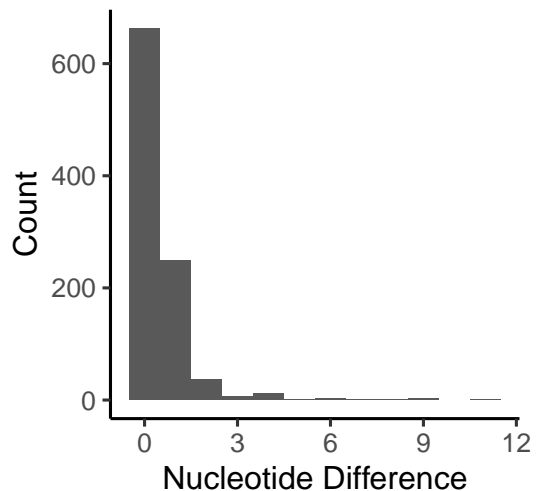
IGKV3/OR2-268*01

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



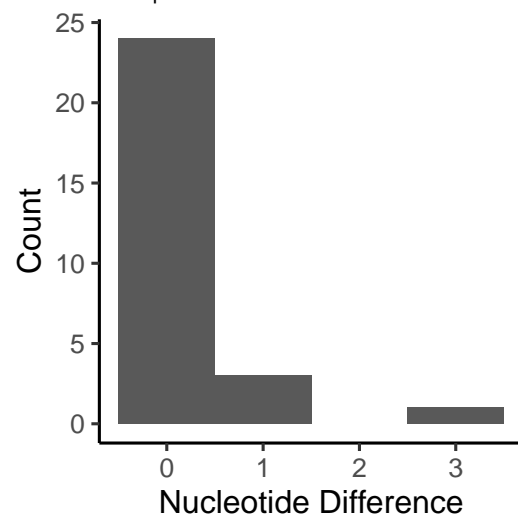
IGKV3-15*01

976 sequences assigned
663 (67.9%) exact matches, in which:
525 unique CDR3
5 unique J



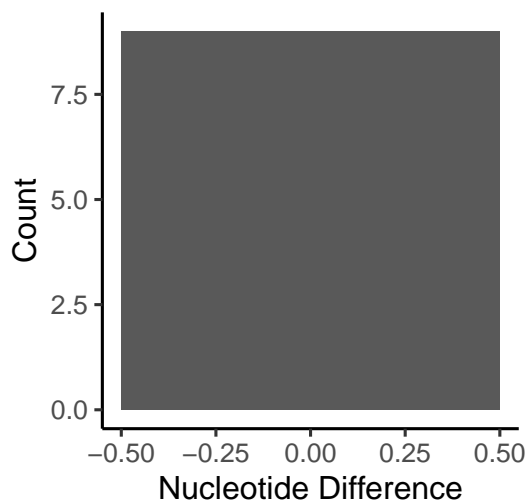
IGKV5-2*01

28 sequences assigned
24 (85.7%) exact matches, in which:
24 unique CDR3
5 unique J



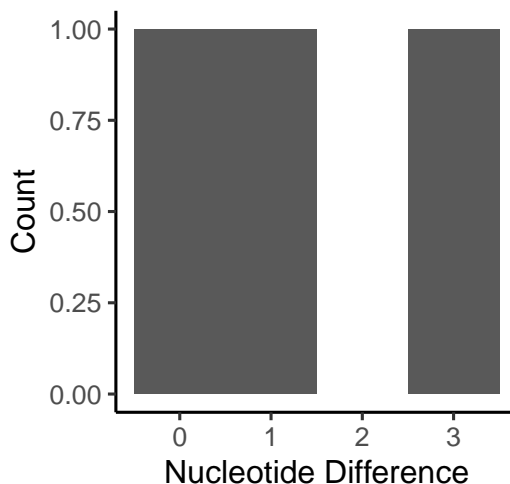
IGKV7-3*01

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



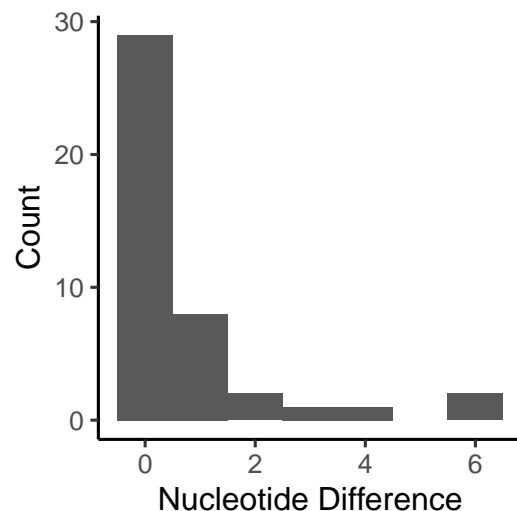
IGKV3D-11*01

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



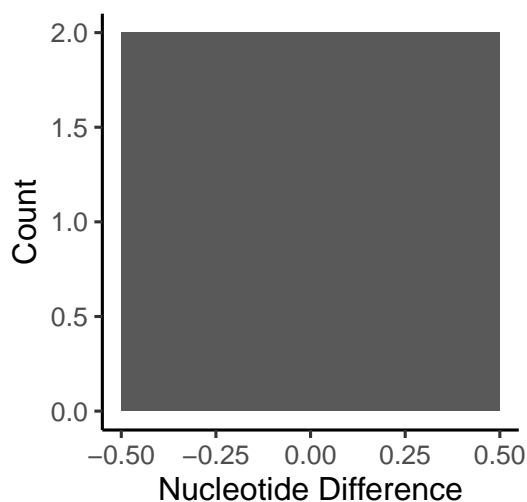
IGKV3D-20*01

43 sequences assigned
29 (67.4%) exact matches, in which:
27 unique CDR3
5 unique J



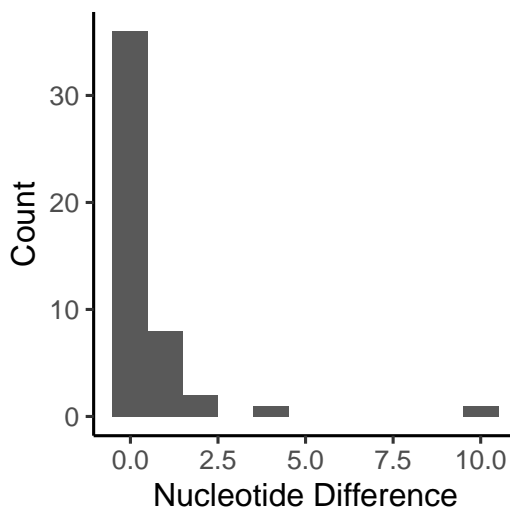
IGKV3D-7*01

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



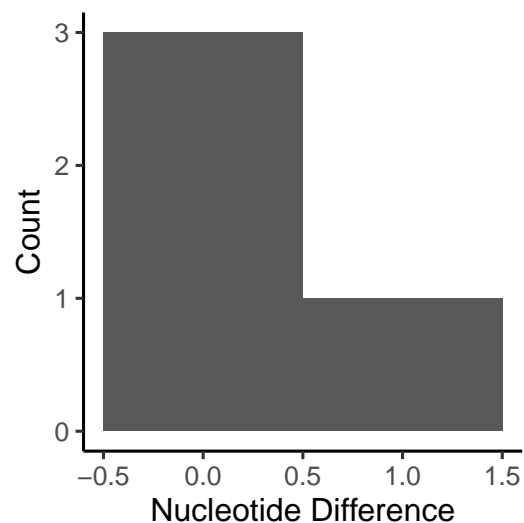
IGKV3D-15*01

48 sequences assigned
36 (75%) exact matches, in which:
33 unique CDR3
5 unique J



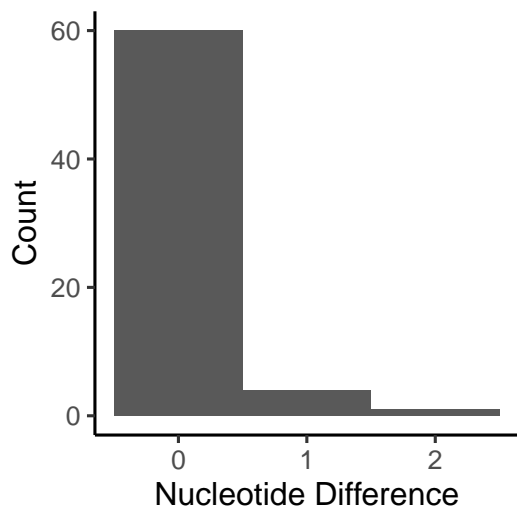
IGKV2D-26*03

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



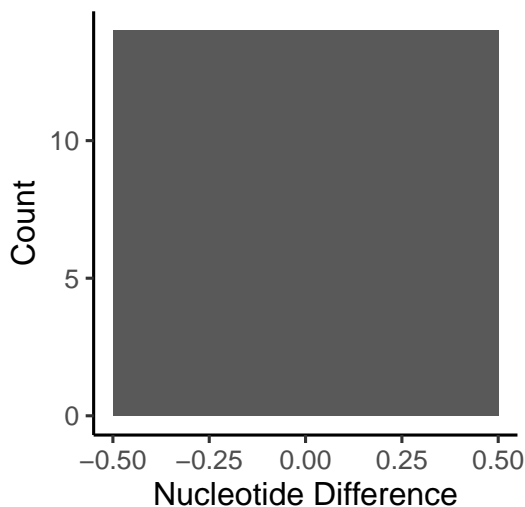
IGKV1D-8*01

65 sequences assigned
60 (92.3%) exact matches, in which:
52 unique CDR3
5 unique J



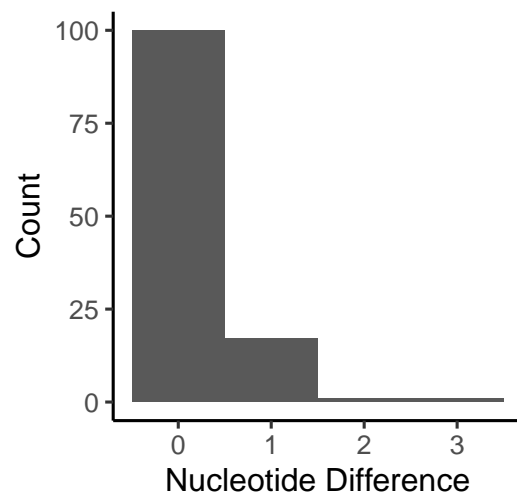
IGKV1D-16*01

14 sequences assigned
14 (100%) exact matches, in which:
12 unique CDR3
5 unique J



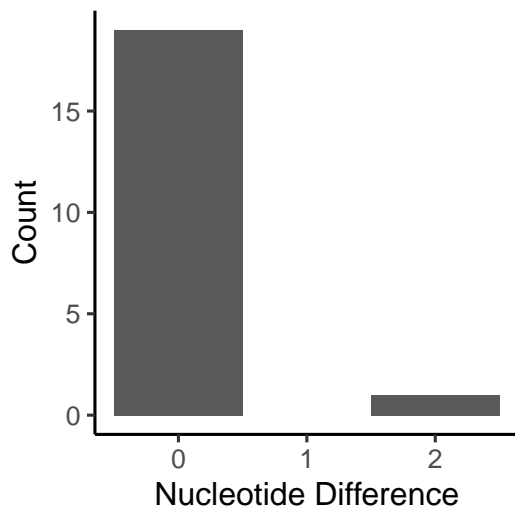
IGKV2D-29*01

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



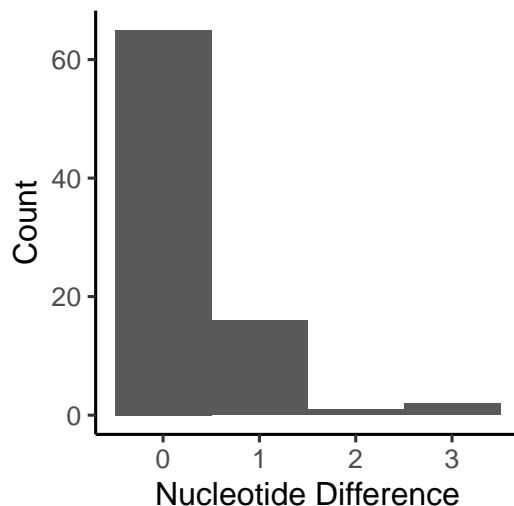
IGKV2D-30*01

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



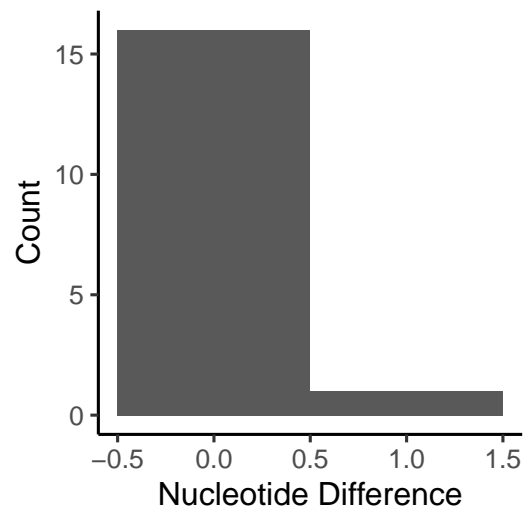
IGKV1E-12*01

84 sequences assigned
65 (77.4%) exact matches, in which:
41 unique CDR3
5 unique J



IGKV1E-13*03

17 sequences assigned
16 (94.1%) exact matches, in which:
15 unique CDR3
3 unique J



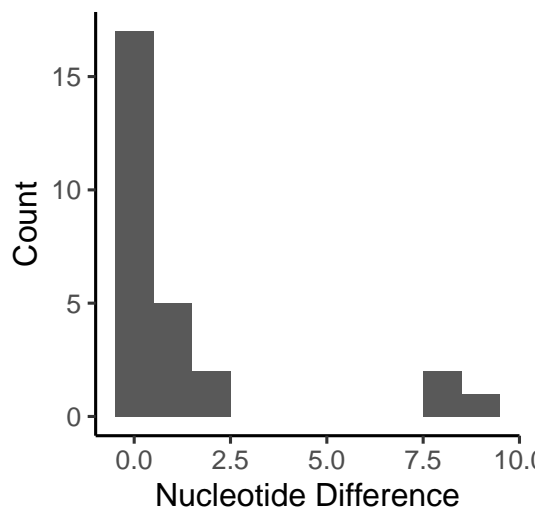
IGKV6D-41*01

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



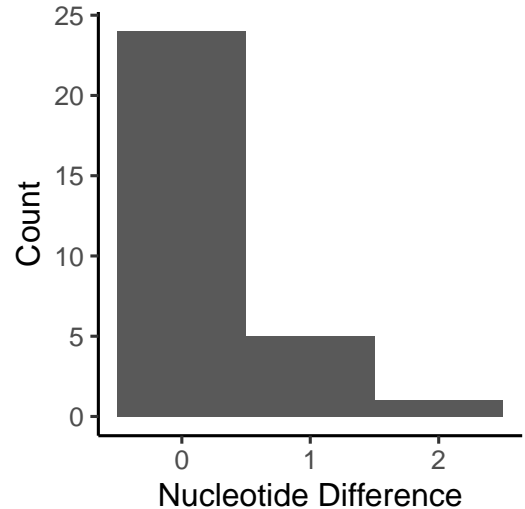
IGKV1E-12*02

27 sequences assigned
17 (63%) exact matches, in which:
16 unique CDR3
5 unique J



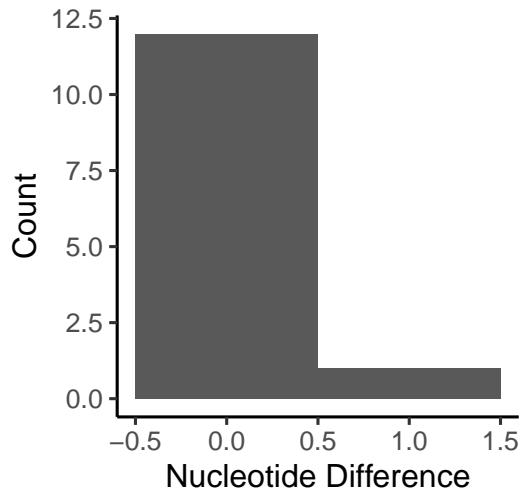
IGKV6E-21*01

30 sequences assigned
24 (80%) exact matches, in which:
22 unique CDR3
5 unique J



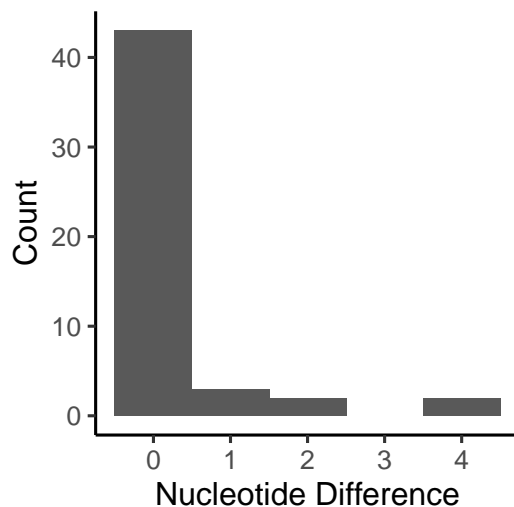
IGKV1D-43*01

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



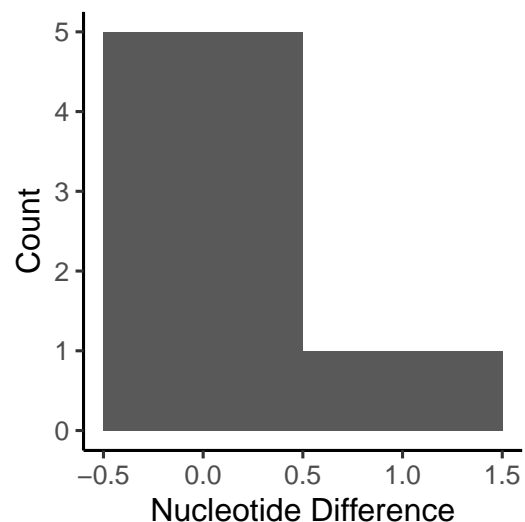
IGKV1E-12*03

50 sequences assigned
43 (86%) exact matches, in which:
35 unique CDR3
5 unique J



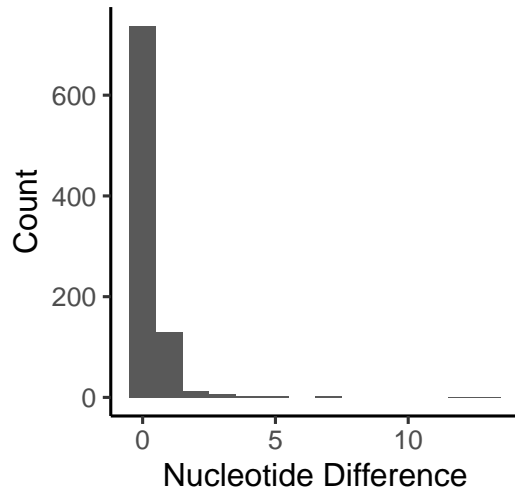
IGKV6E-21*03

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



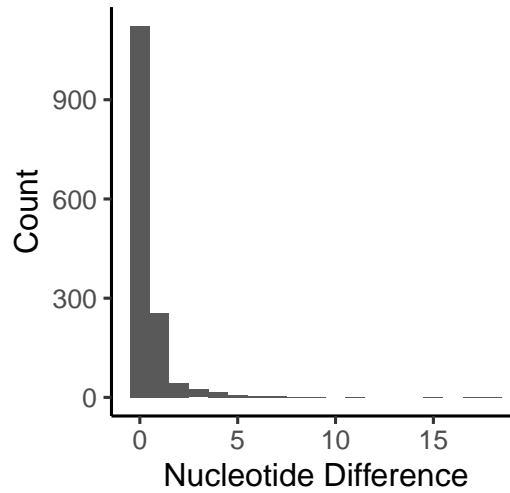
IGKV2E-28*01

897 sequences assigned
738 (82.3%) exact matches, in which:
560 unique CDR3
5 unique J



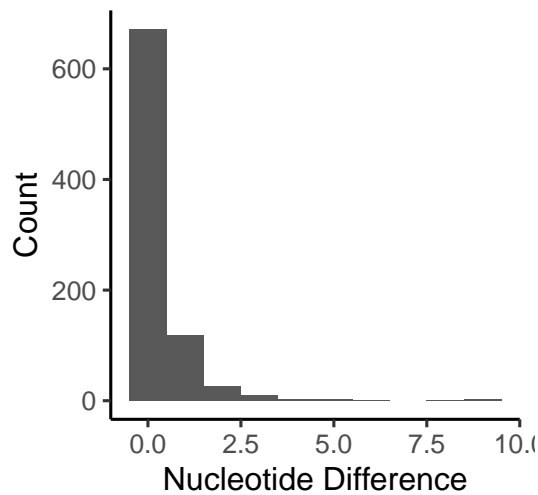
IGKV1E-39*01

1494 sequences assigned
1124 (75.2%) exact matches, in which:
846 unique CDR3
5 unique J



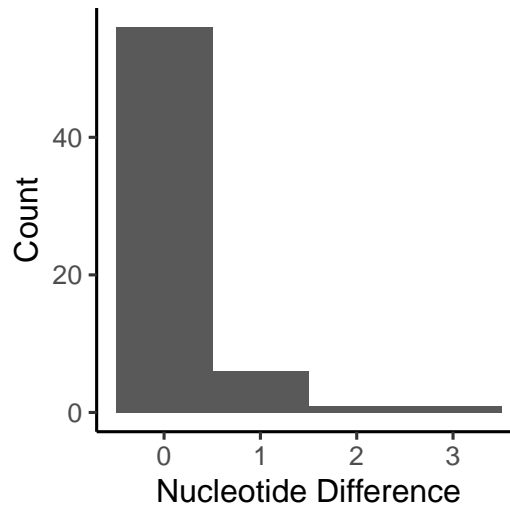
IGKV1E-33*01

836 sequences assigned
672 (80.4%) exact matches, in which:
522 unique CDR3
5 unique J



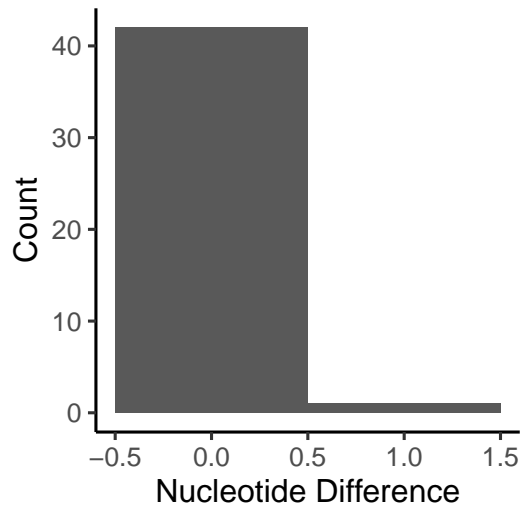
IGKV2E-40*01

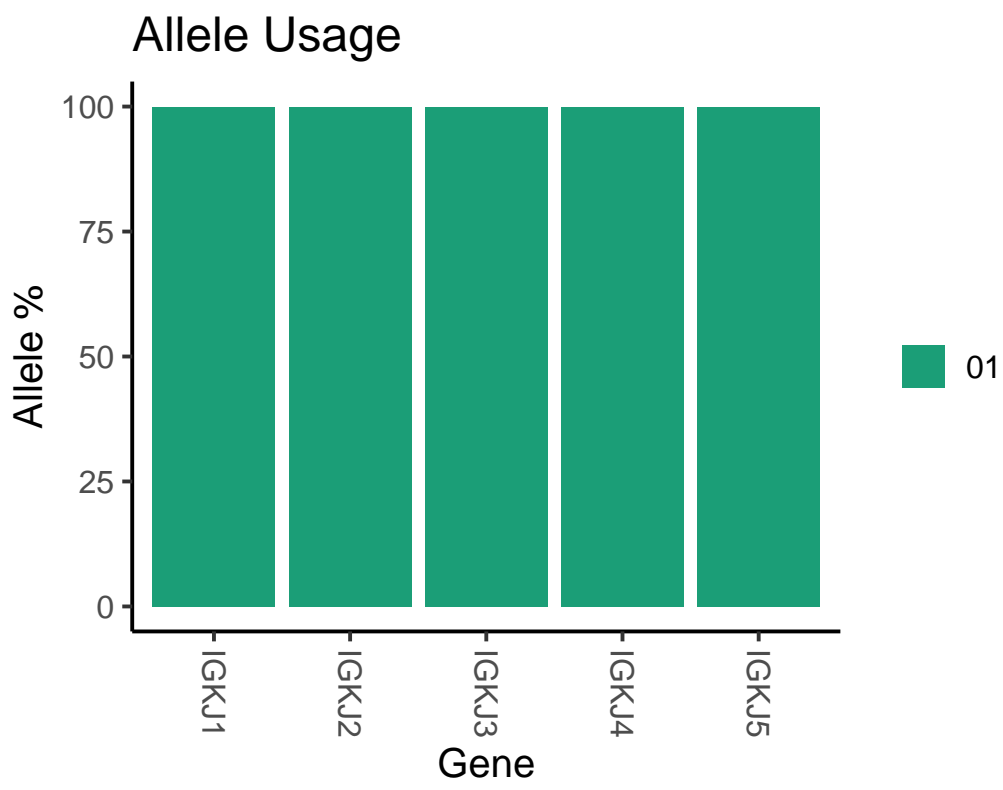
64 sequences assigned
56 (87.5%) exact matches, in which:
46 unique CDR3
5 unique J



IGKV1E-37*01

43 sequences assigned
42 (97.7%) exact matches, in which:
41 unique CDR3
5 unique J





Warning – no inferred sequences found.