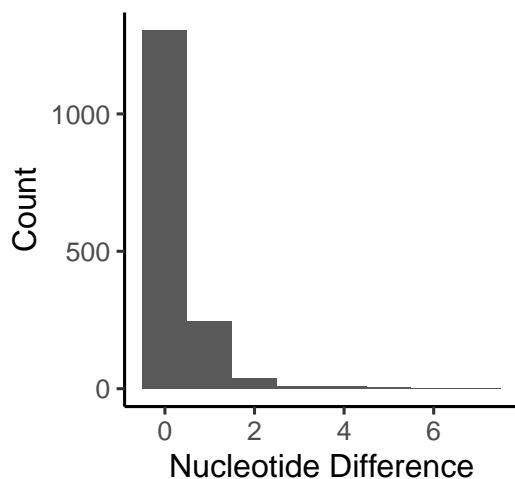


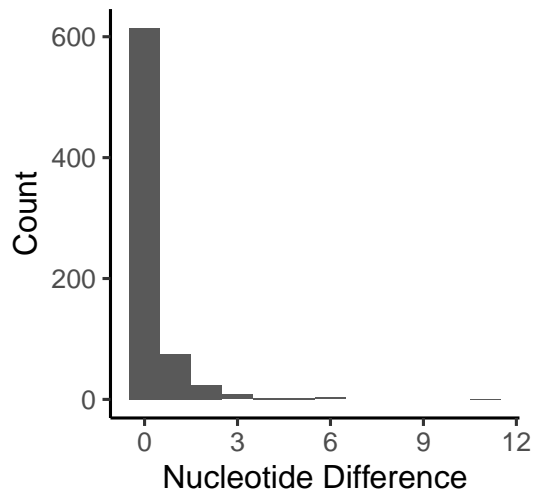
IGKV1-5*03

1614 sequences assigned
1304 (80.8%) exact matches, in which:
930 unique CDR3
5 unique J



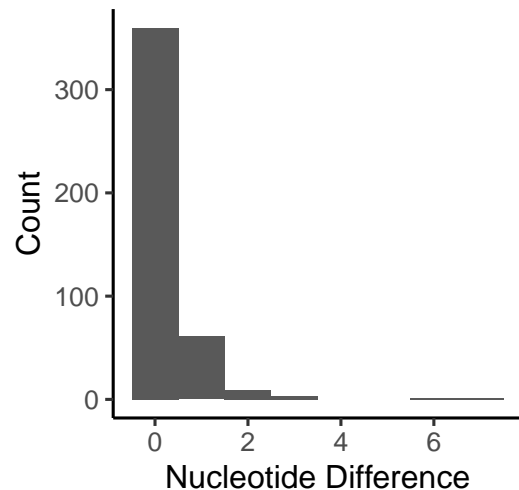
IGKV1-9*01

730 sequences assigned
615 (84.2%) exact matches, in which:
451 unique CDR3
5 unique J



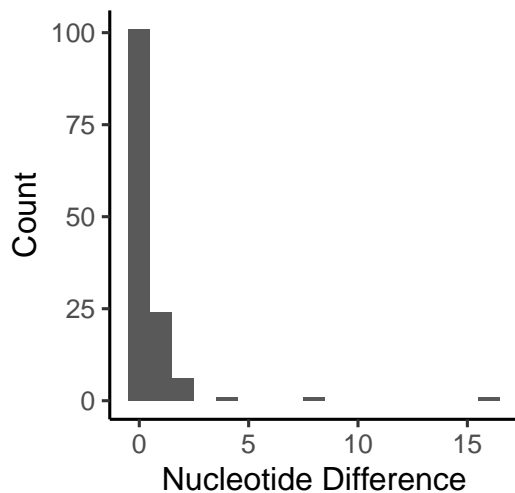
IGKV1-27*01

435 sequences assigned
360 (82.8%) exact matches, in which:
266 unique CDR3
5 unique J



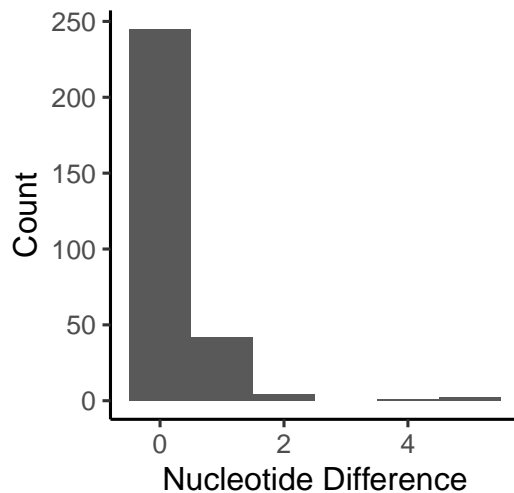
IGKV1-6*01

134 sequences assigned
101 (75.4%) exact matches, in which:
72 unique CDR3
5 unique J



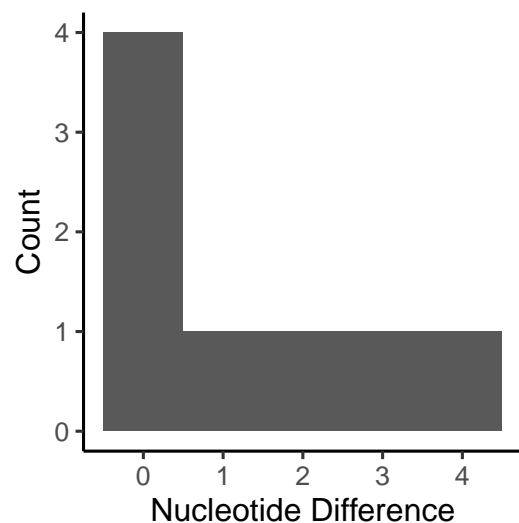
IGKV1-16*02

294 sequences assigned
245 (83.3%) exact matches, in which:
169 unique CDR3
5 unique J



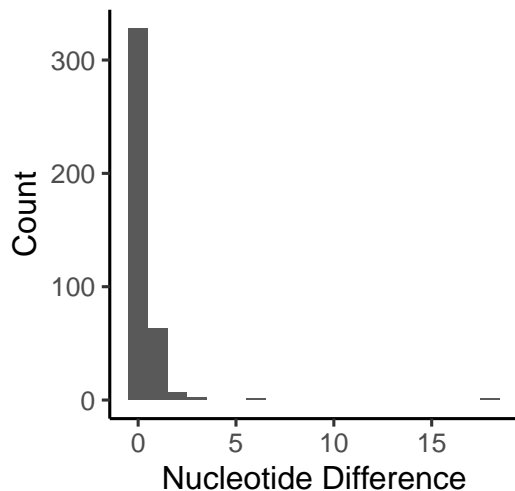
IGKV2/OR22-4*01

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



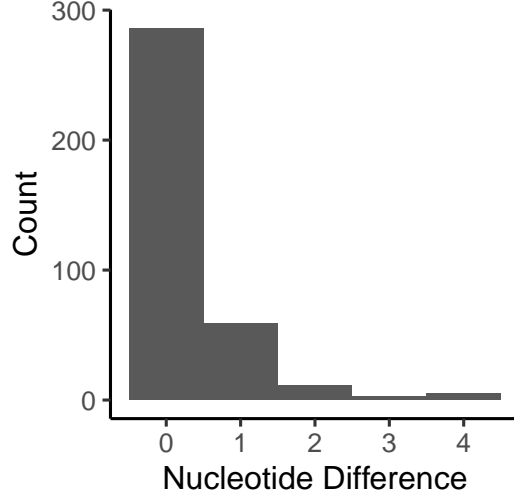
IGKV1-8*01

403 sequences assigned
328 (81.4%) exact matches, in which:
208 unique CDR3
5 unique J



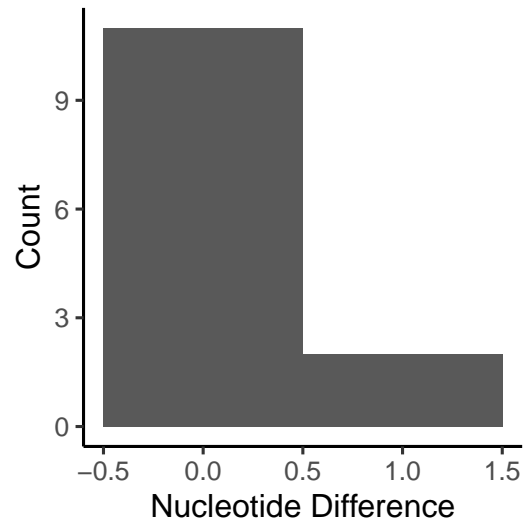
IGKV1-17*01

364 sequences assigned
286 (78.6%) exact matches, in which:
220 unique CDR3
5 unique J



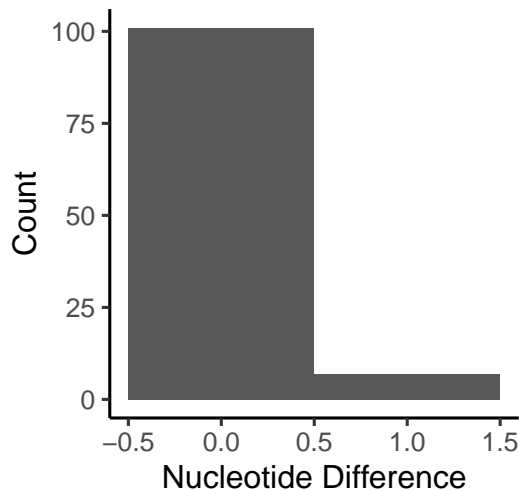
IGKV2-18*01

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



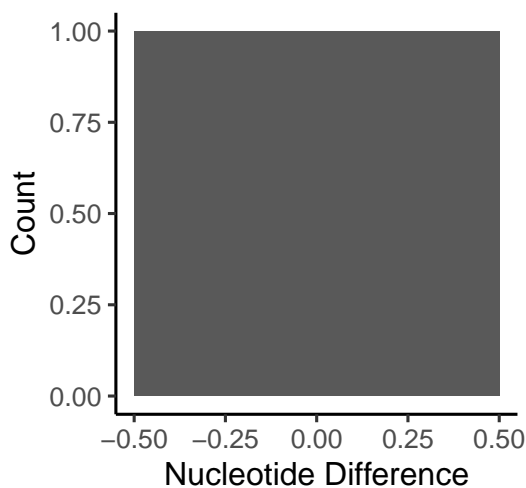
IGKV2–24*01

108 sequences assigned
101 (93.5%) exact matches, in which:
83 unique CDR3
5 unique J



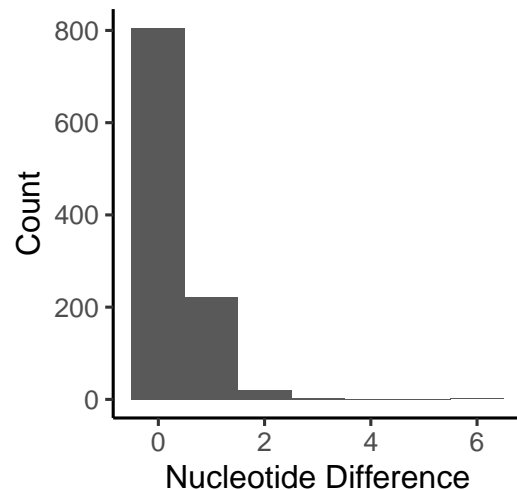
IGKV1/OR2–108*01

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



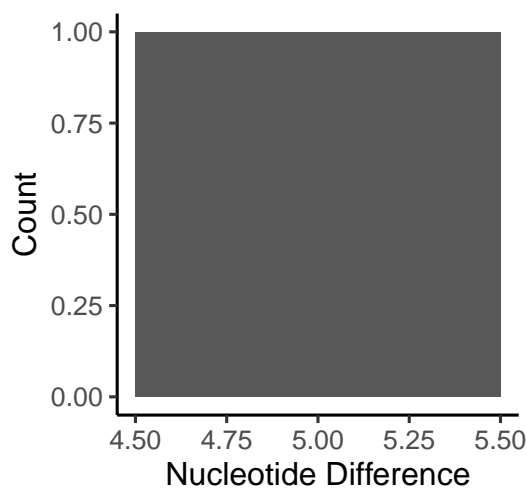
IGKV3–15*01

1055 sequences assigned
806 (76.4%) exact matches, in which:
621 unique CDR3
5 unique J



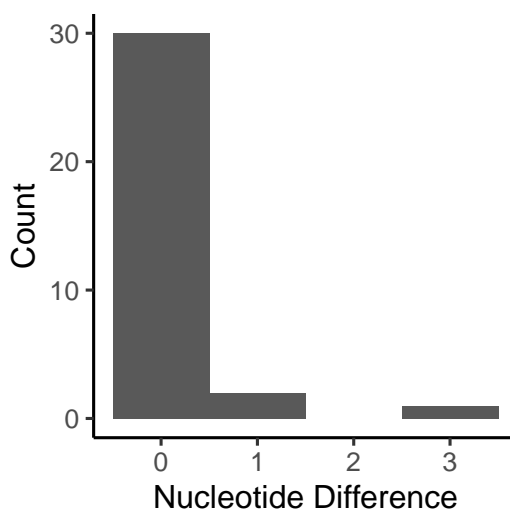
IGKV2–29*03

1 sequences assigned
No exact matches.



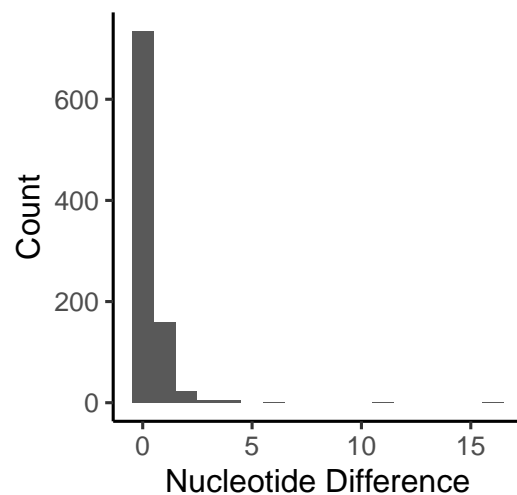
IGKV3–7*04

33 sequences assigned
30 (90.9%) exact matches, in which:
30 unique CDR3
5 unique J



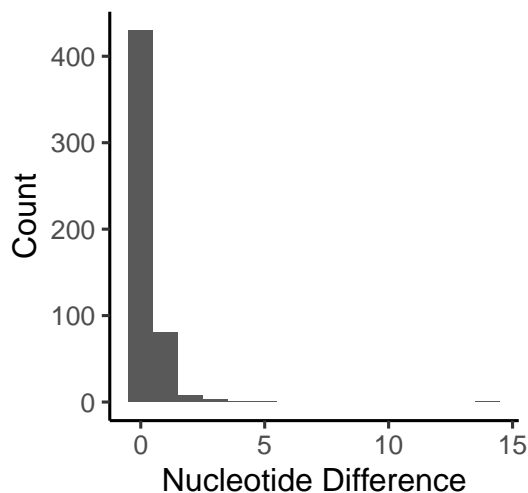
IGKV3–15*01_C141G

928 sequences assigned
735 (79.2%) exact matches, in which:
585 unique CDR3
5 unique J



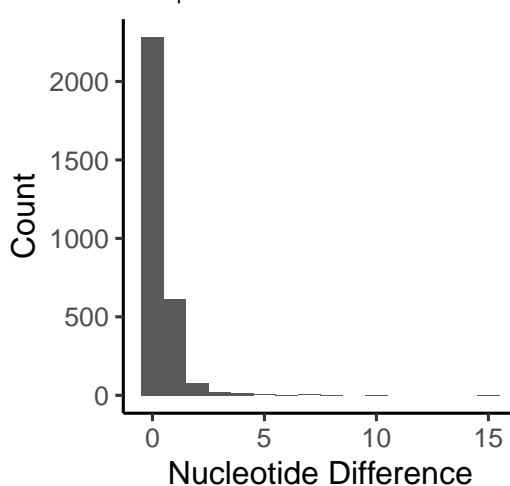
IGKV2–30*01

524 sequences assigned
430 (82.1%) exact matches, in which:
348 unique CDR3
5 unique J



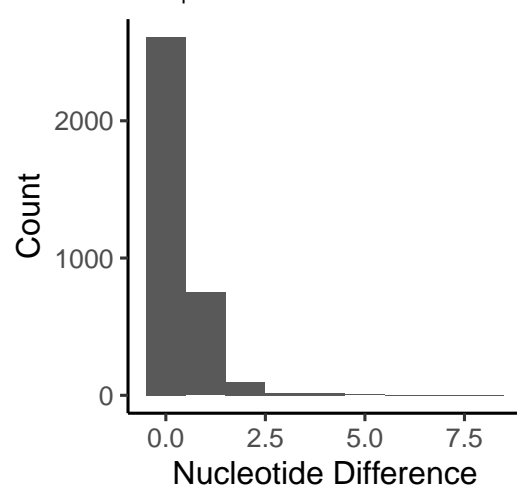
IGKV3–11*01

3024 sequences assigned
2283 (75.5%) exact matches, in which:
1529 unique CDR3
5 unique J



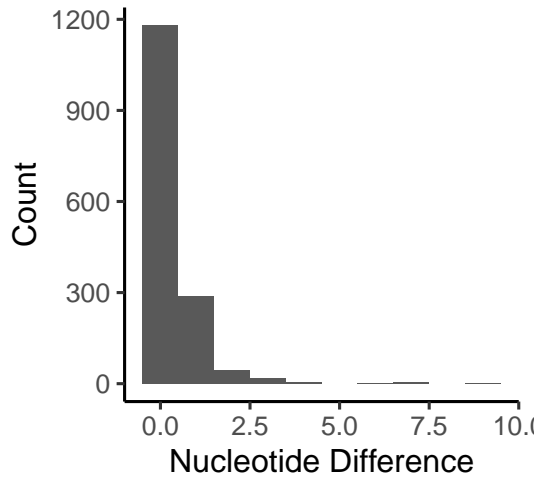
IGKV3–20*01

3503 sequences assigned
2610 (74.5%) exact matches, in which:
1816 unique CDR3
5 unique J



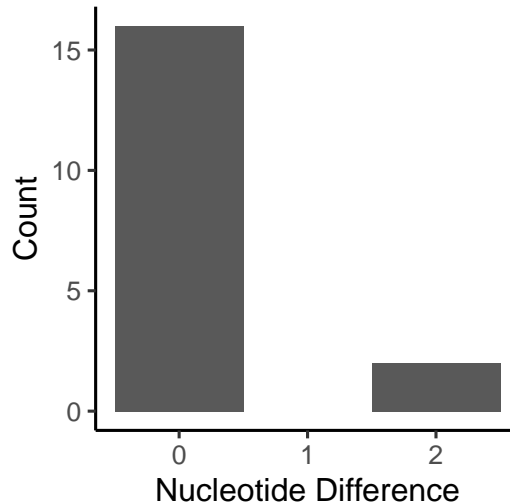
IGKV4-1*01

1542 sequences assigned
1180 (76.5%) exact matches, in which:
770 unique CDR3
5 unique J



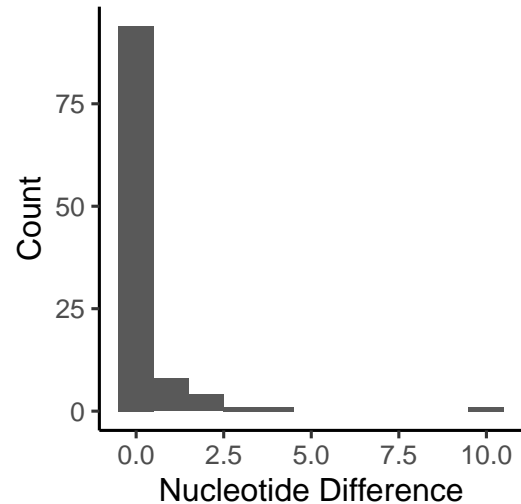
IGKV3D-7*01

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



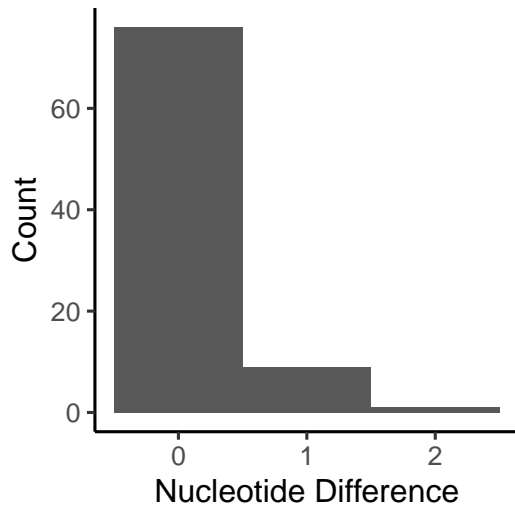
IGKV3D-15*01

109 sequences assigned
94 (86.2%) exact matches, in which:
83 unique CDR3
5 unique J



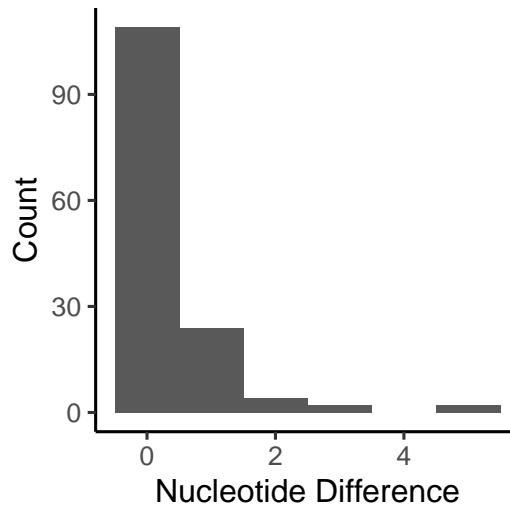
IGKV5-2*01

86 sequences assigned
76 (88.4%) exact matches, in which:
67 unique CDR3
5 unique J



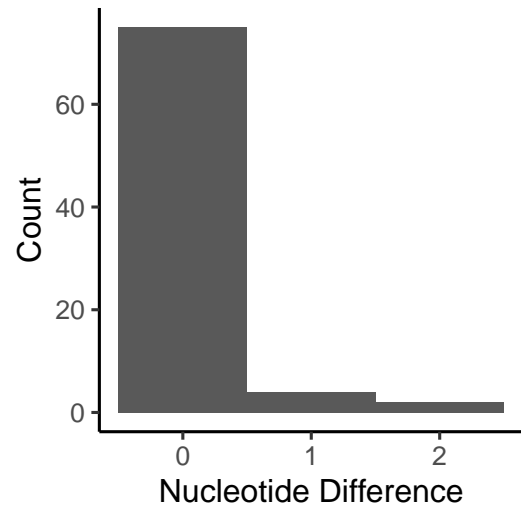
IGKV1D-8*01

141 sequences assigned
109 (77.3%) exact matches, in which:
78 unique CDR3
5 unique J



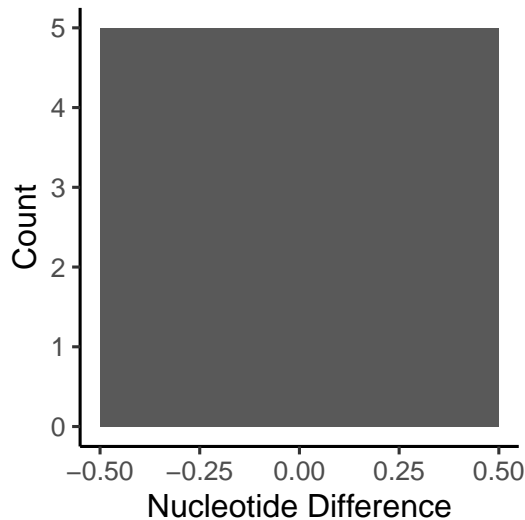
IGKV1D-16*01

81 sequences assigned
75 (92.6%) exact matches, in which:
57 unique CDR3
5 unique J



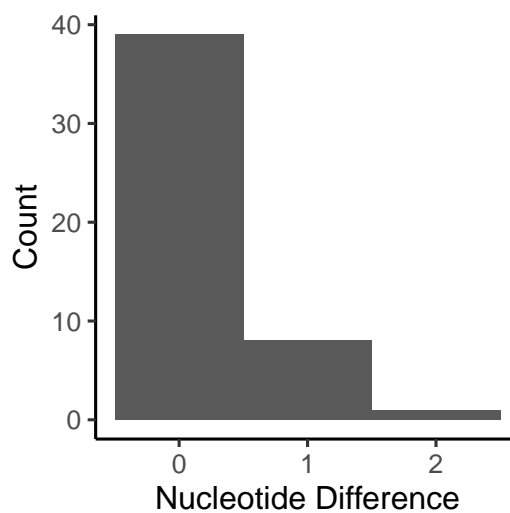
IGKV7-3*01

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



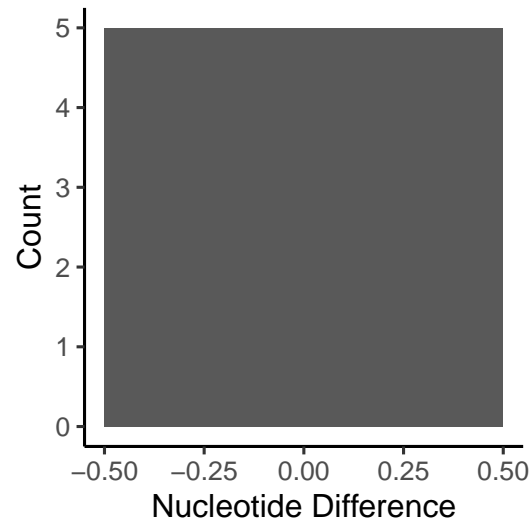
IGKV3D-11*01

48 sequences assigned
39 (81.2%) exact matches, in which:
36 unique CDR3
4 unique J



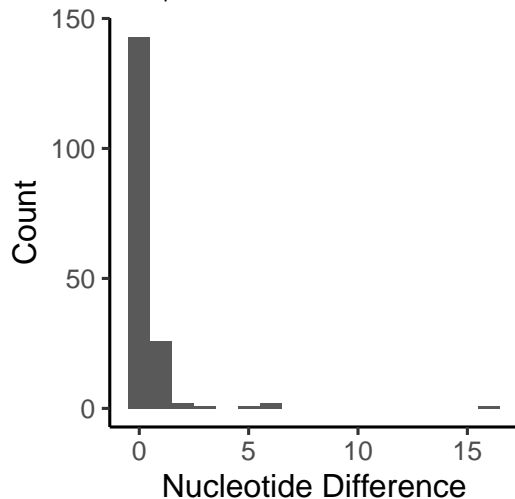
IGKV1D-17*01

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



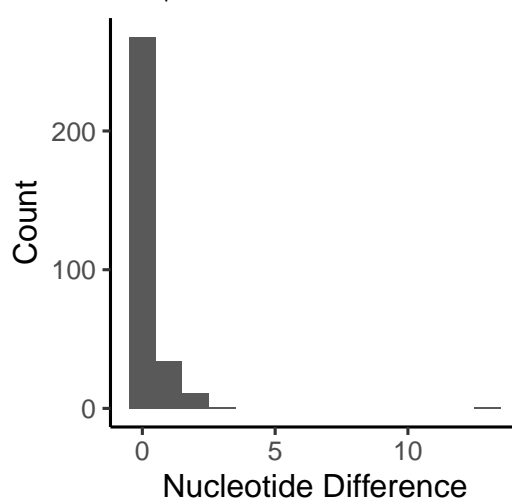
IGKV3D-20*01

176 sequences assigned
143 (81.2%) exact matches, in which:
125 unique CDR3
5 unique J



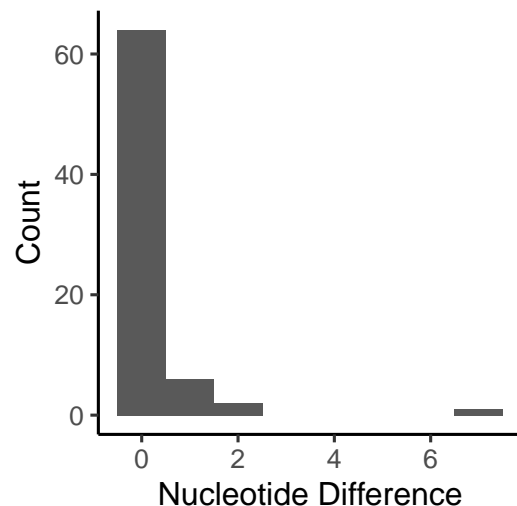
IGKV2D-29*01

315 sequences assigned
268 (85.1%) exact matches, in which:
210 unique CDR3
5 unique J



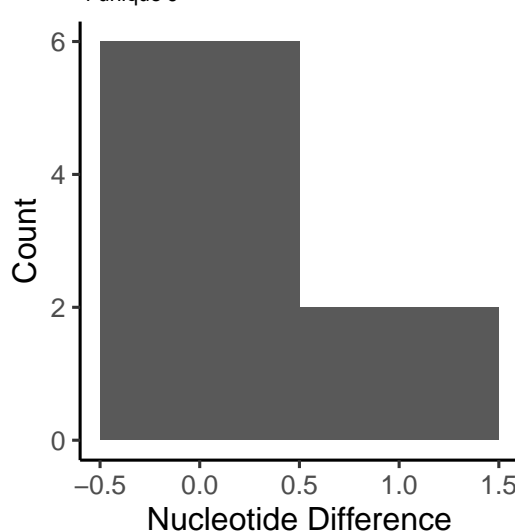
IGKV1D-43*01

73 sequences assigned
64 (87.7%) exact matches, in which:
58 unique CDR3
5 unique J



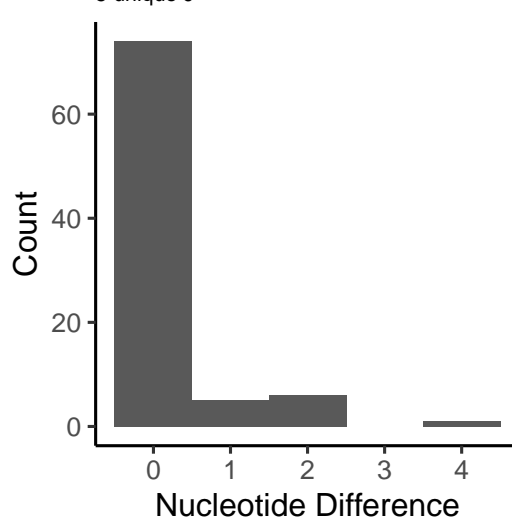
IGKV2D-24*01

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



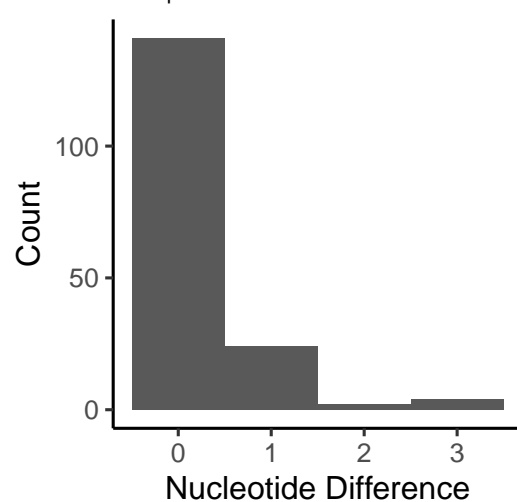
IGKV2D-30*01

86 sequences assigned
74 (86%) exact matches, in which:
65 unique CDR3
5 unique J



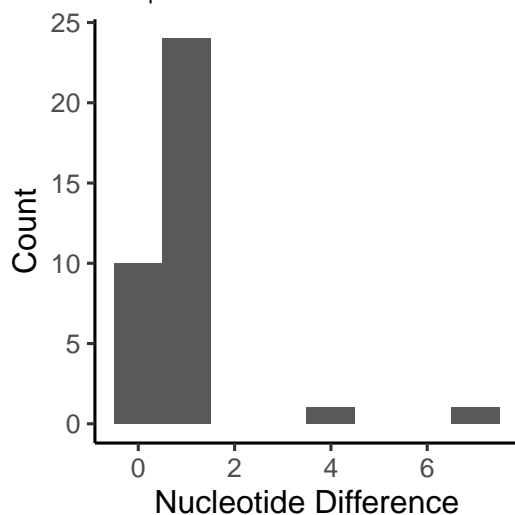
IGKV1E-12*01

171 sequences assigned
141 (82.5%) exact matches, in which:
85 unique CDR3
5 unique J



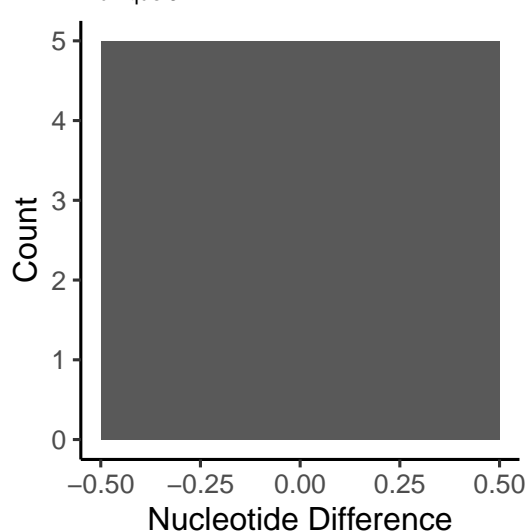
IGKV2D-26*03

36 sequences assigned
10 (27.8%) exact matches, in which:
9 unique CDR3
4 unique J



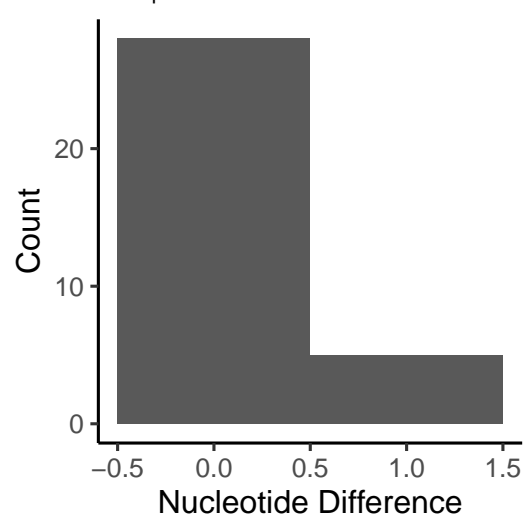
IGKV6D-41*01

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



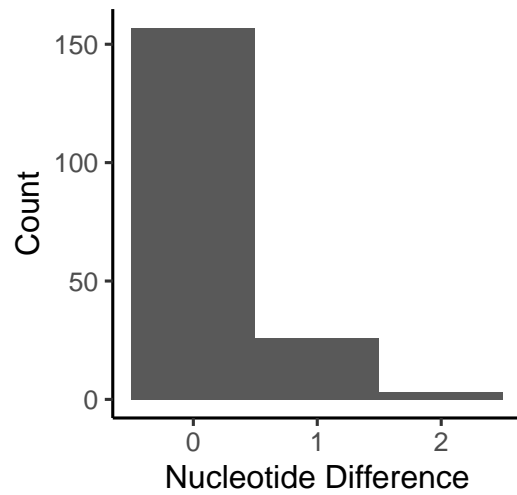
IGKV1E-12*02

33 sequences assigned
28 (84.8%) exact matches, in which:
24 unique CDR3
5 unique J



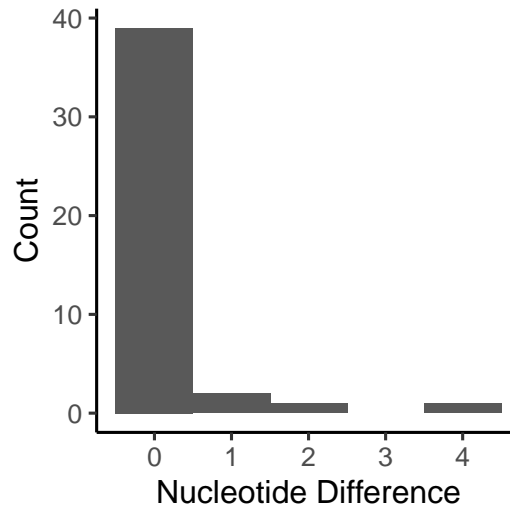
IGKV1E-12*03

186 sequences assigned
157 (84.4%) exact matches, in which:
114 unique CDR3
5 unique J



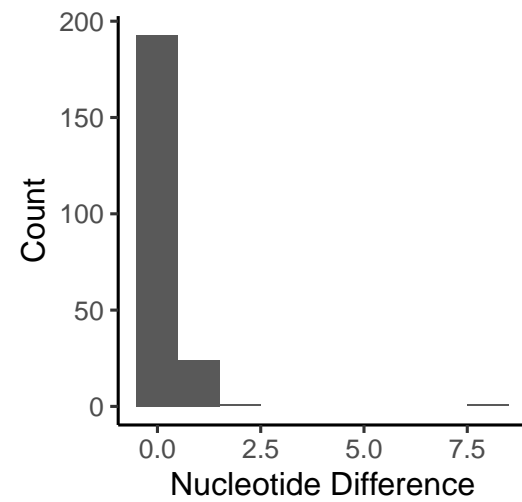
IGKV6E-21*03

43 sequences assigned
39 (90.7%) exact matches, in which:
29 unique CDR3
5 unique J



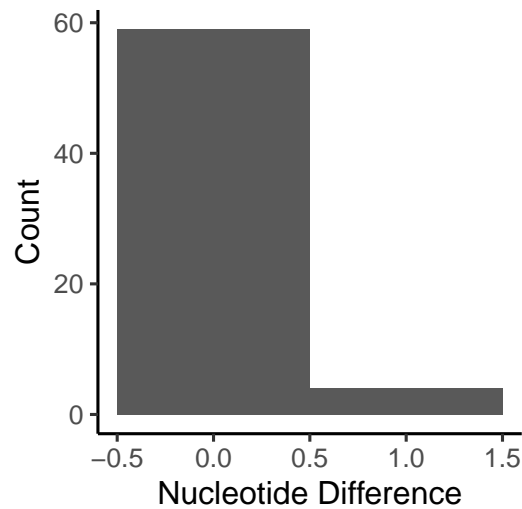
IGKV1E-37*01

219 sequences assigned
193 (88.1%) exact matches, in which:
152 unique CDR3
5 unique J



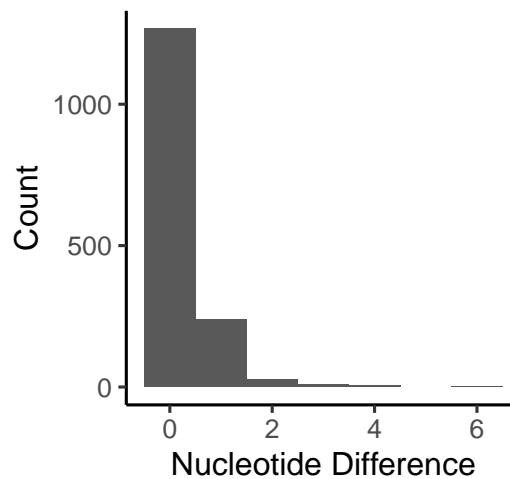
IGKV1E-13*03

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



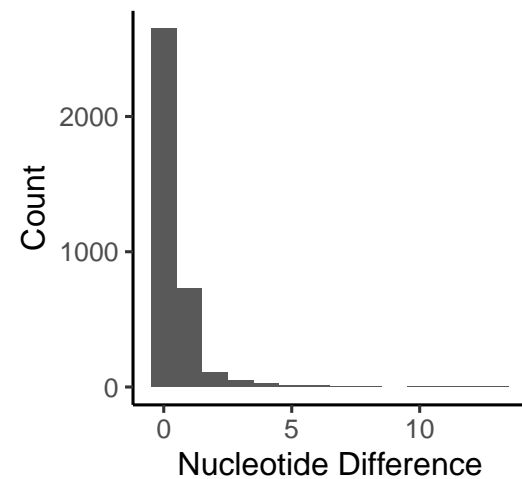
IGKV2E-28*01

1550 sequences assigned
1267 (81.7%) exact matches, in which:
850 unique CDR3
5 unique J



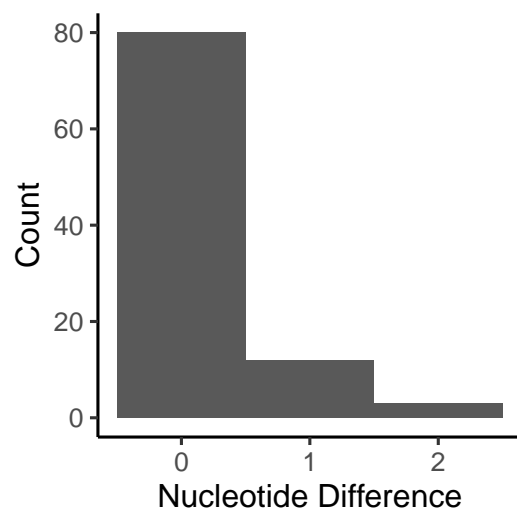
IGKV1E-39*01

3600 sequences assigned
2649 (73.6%) exact matches, in which:
1678 unique CDR3
5 unique J



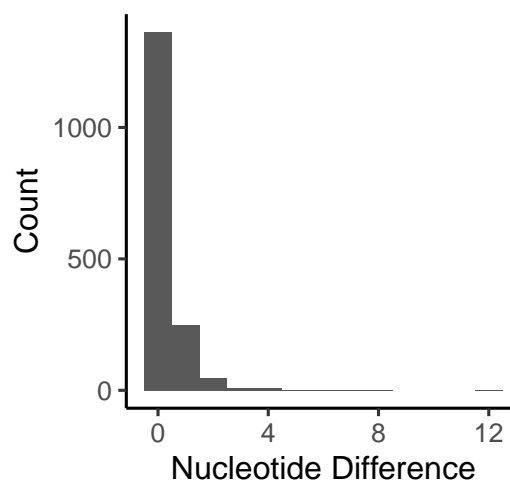
IGKV6E-21*01

95 sequences assigned
80 (84.2%) exact matches, in which:
63 unique CDR3
5 unique J



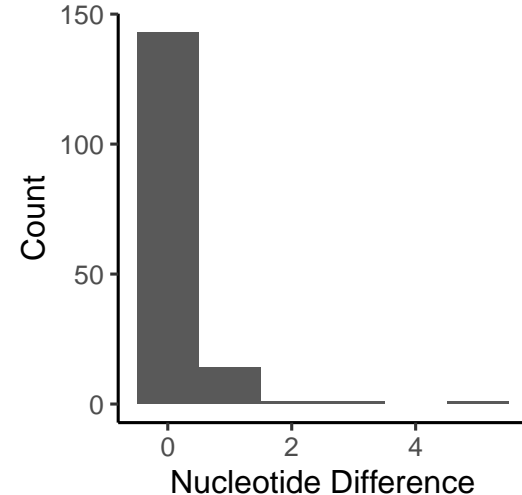
IGKV1E-33*01

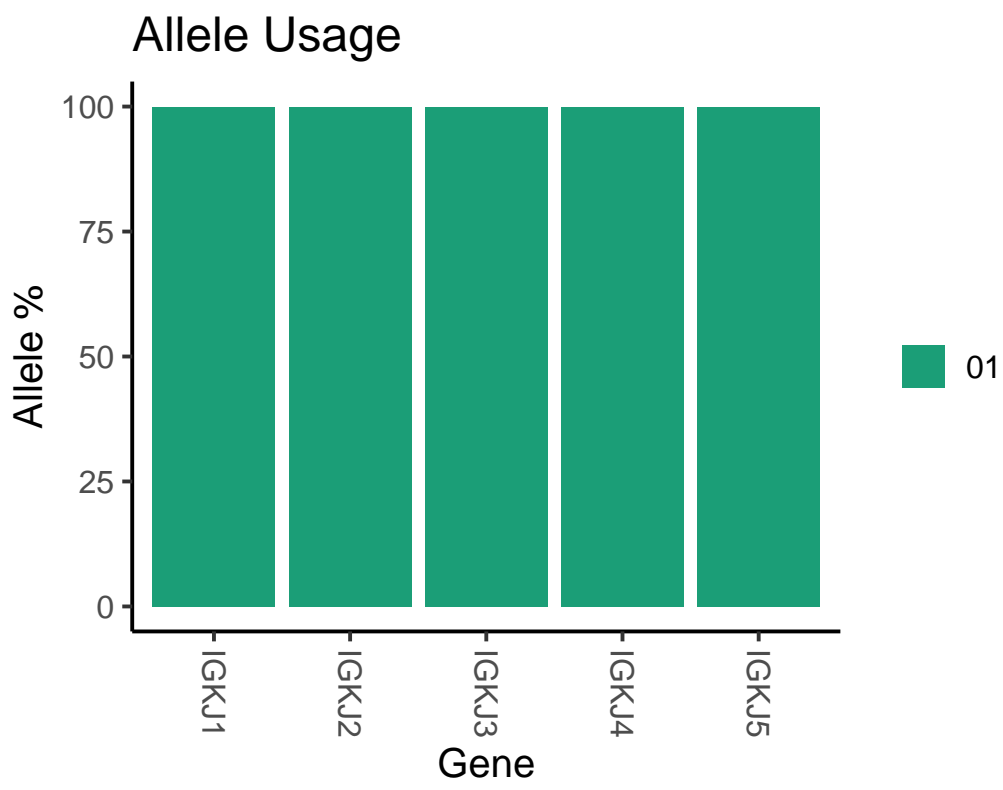
1682 sequences assigned
1363 (81%) exact matches, in which:
950 unique CDR3
5 unique J



IGKV2E-40*01

160 sequences assigned
143 (89.4%) exact matches, in which:
111 unique CDR3
5 unique J





Warning – no inferred sequences found.