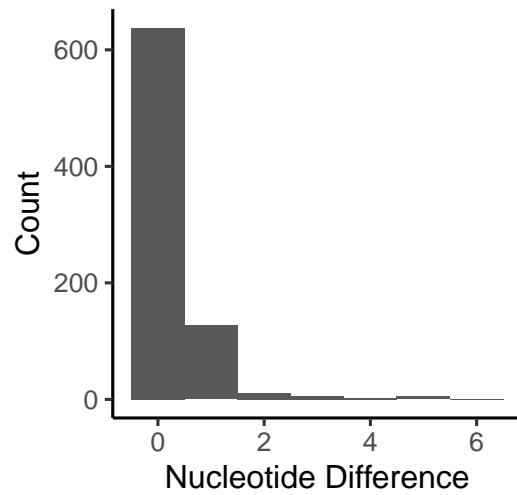


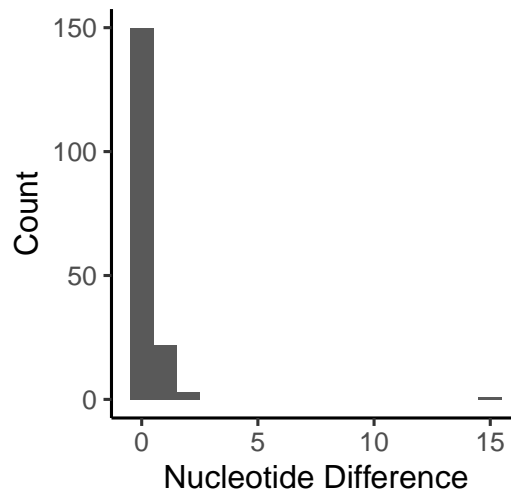
IGKV1-5*03

790 sequences assigned
638 (80.8%) exact matches, in which:
545 unique CDR3
5 unique J



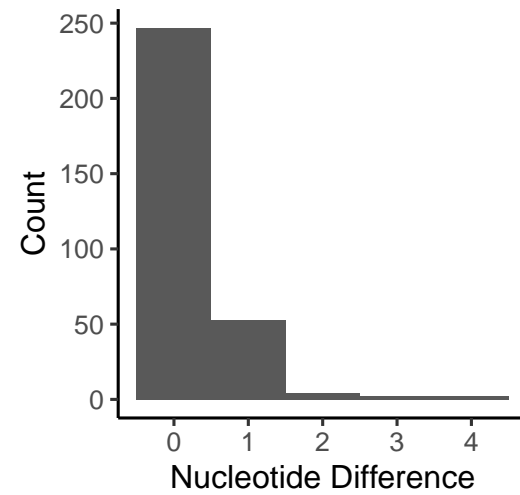
IGKV1-8*01

176 sequences assigned
150 (85.2%) exact matches, in which:
134 unique CDR3
5 unique J



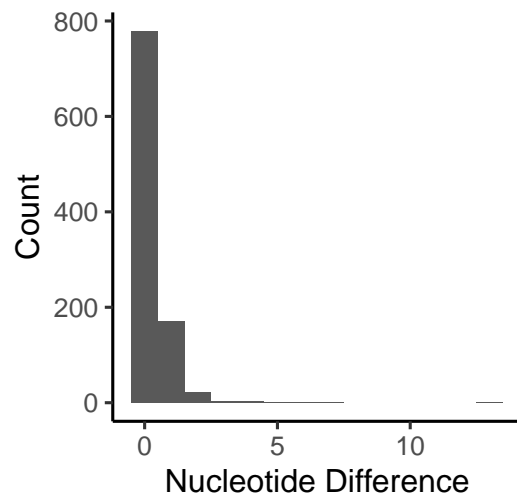
IGKV1-9*01_C70T

308 sequences assigned
247 (80.2%) exact matches, in which:
207 unique CDR3
5 unique J



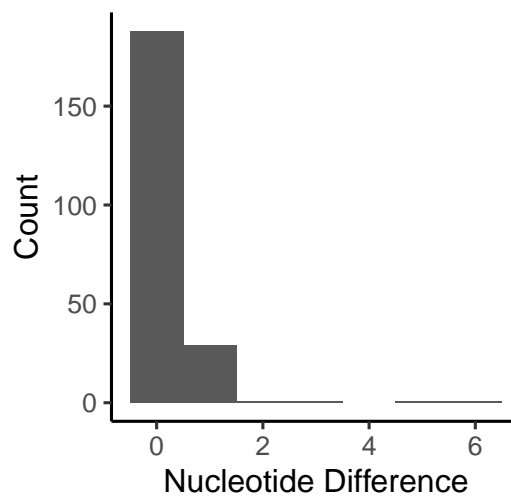
IGKV1-5*03_G171A

986 sequences assigned
779 (79%) exact matches, in which:
642 unique CDR3
5 unique J



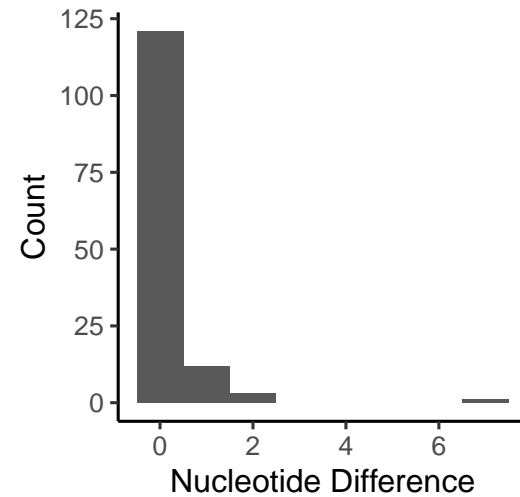
IGKV1-8*01_G12A_T31C

221 sequences assigned
188 (85.1%) exact matches, in which:
165 unique CDR3
5 unique J



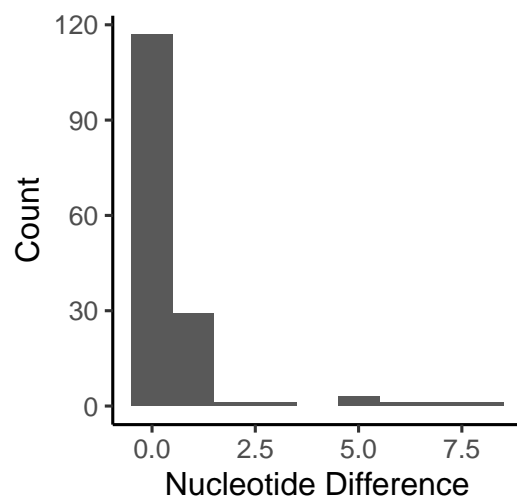
IGKV1-16*02

137 sequences assigned
121 (88.3%) exact matches, in which:
89 unique CDR3
5 unique J



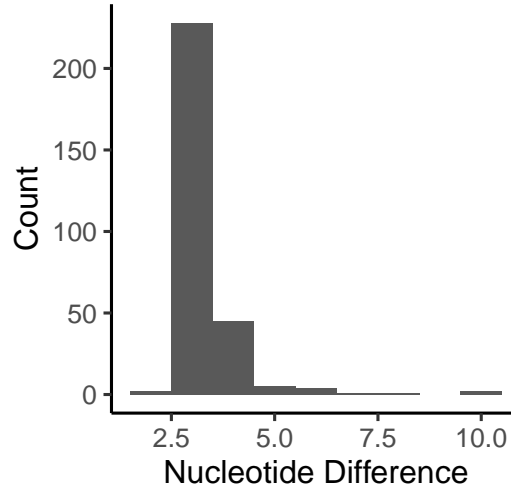
IGKV1-6*01

154 sequences assigned
117 (76%) exact matches, in which:
86 unique CDR3
5 unique J



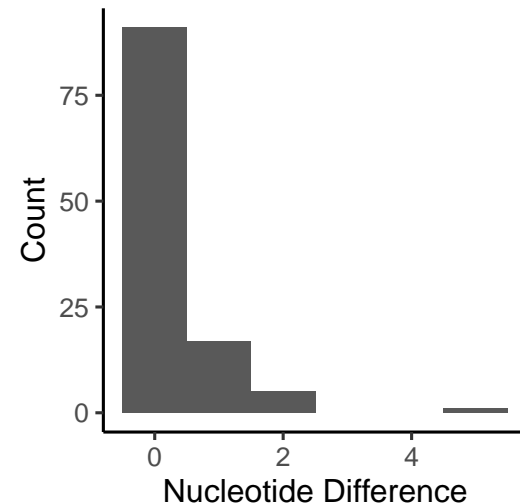
IGKV1-9*01

288 sequences assigned
No exact matches.



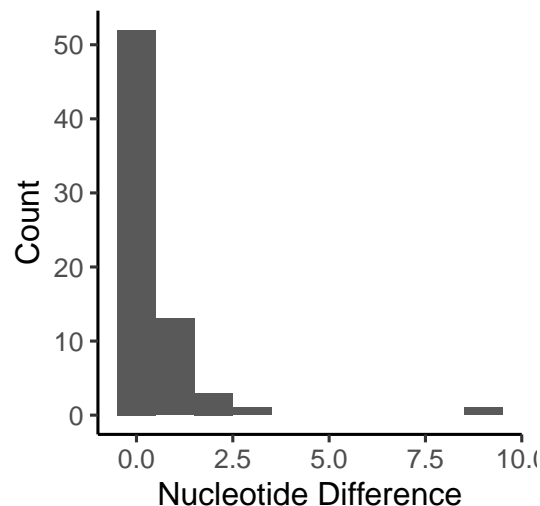
IGKV1-17*01

114 sequences assigned
91 (79.8%) exact matches, in which:
77 unique CDR3
5 unique J



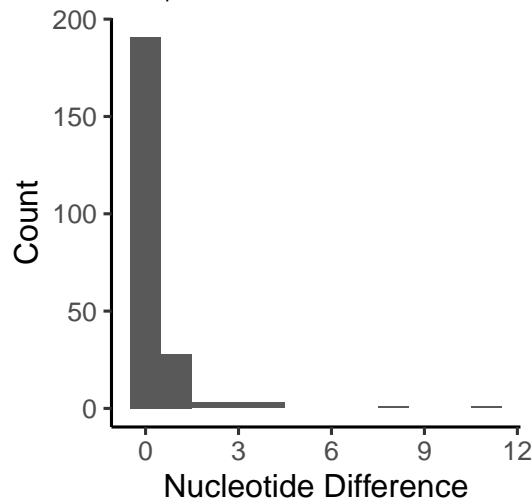
IGKV1-17*03

70 sequences assigned
52 (74.3%) exact matches, in which:
44 unique CDR3
5 unique J



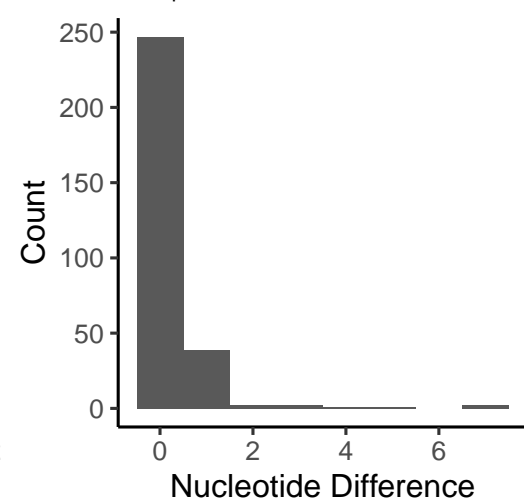
IGKV1-NL1*01

230 sequences assigned
191 (83%) exact matches, in which:
159 unique CDR3
5 unique J



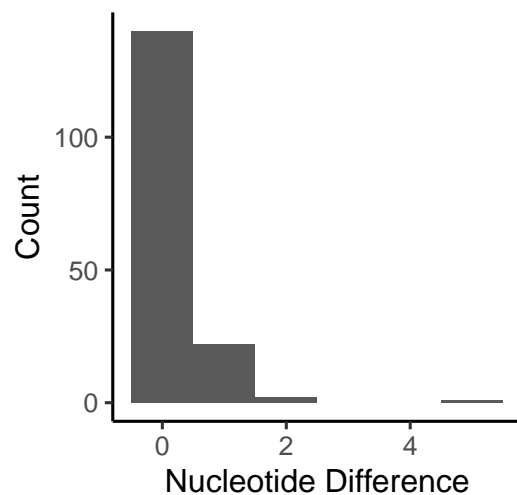
IGKV2-29*02

294 sequences assigned
247 (84%) exact matches, in which:
211 unique CDR3
5 unique J



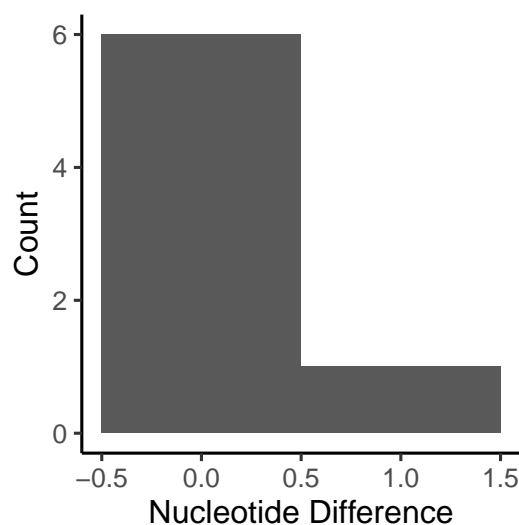
IGKV1-27*01

165 sequences assigned
140 (84.8%) exact matches, in which:
117 unique CDR3
5 unique J



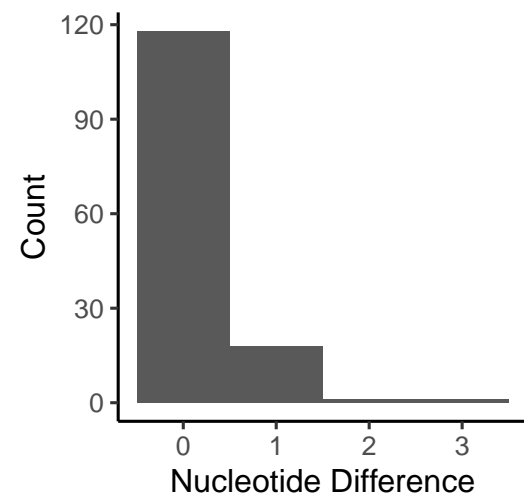
IGKV2/OR22-4*01

7 sequences assigned
6 (85.7%) exact matches, in which:
5 unique CDR3
3 unique J



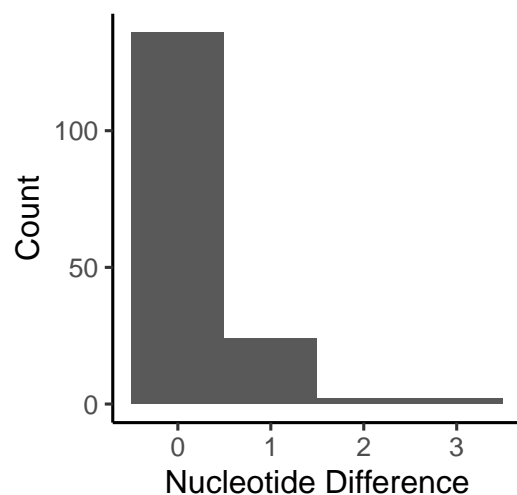
IGKV2-30*01

138 sequences assigned
118 (85.5%) exact matches, in which:
111 unique CDR3
5 unique J



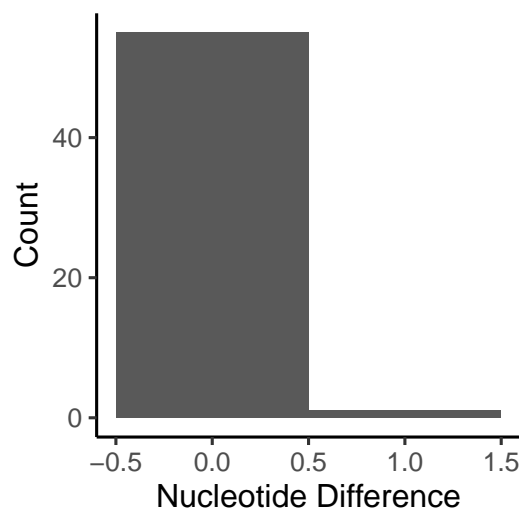
IGKV1-27*01_T231C

164 sequences assigned
136 (82.9%) exact matches, in which:
115 unique CDR3
5 unique J



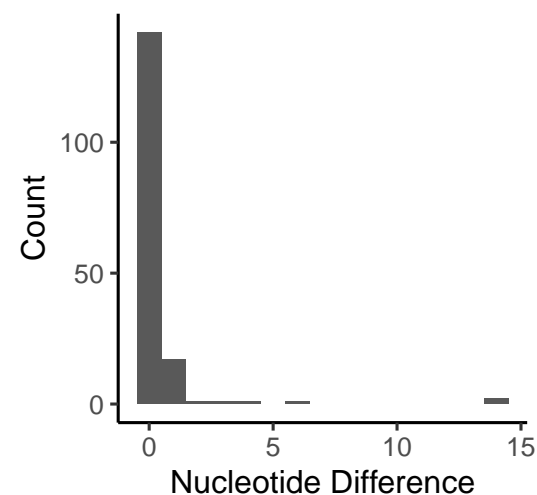
IGKV2-24*01

56 sequences assigned
55 (98.2%) exact matches, in which:
51 unique CDR3
5 unique J



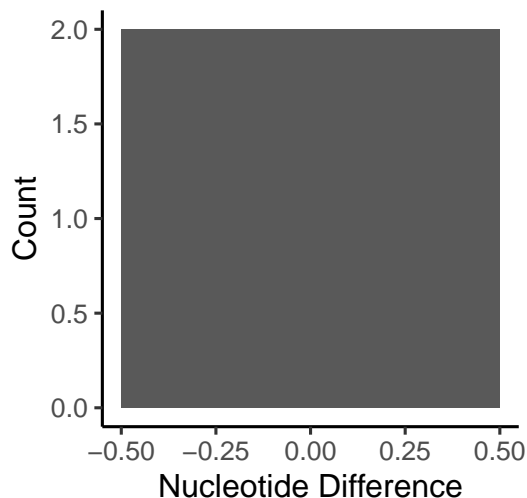
IGKV2-30*02

165 sequences assigned
142 (86.1%) exact matches, in which:
131 unique CDR3
5 unique J



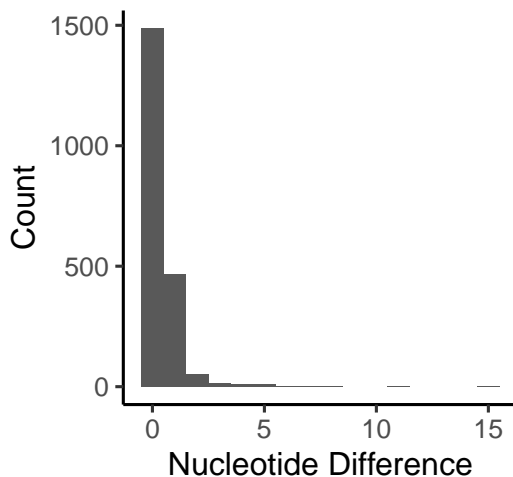
IGKV1/OR2-108*01

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



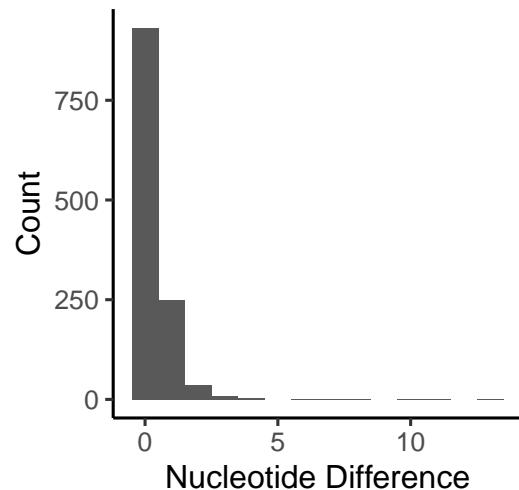
IGKV3-11*01

2048 sequences assigned
1487 (72.6%) exact matches, in which:
1061 unique CDR3
5 unique J



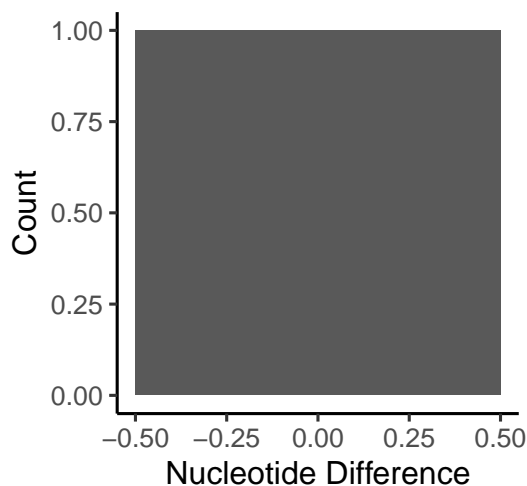
IGKV4-1*01

1240 sequences assigned
932 (75.2%) exact matches, in which:
657 unique CDR3
5 unique J



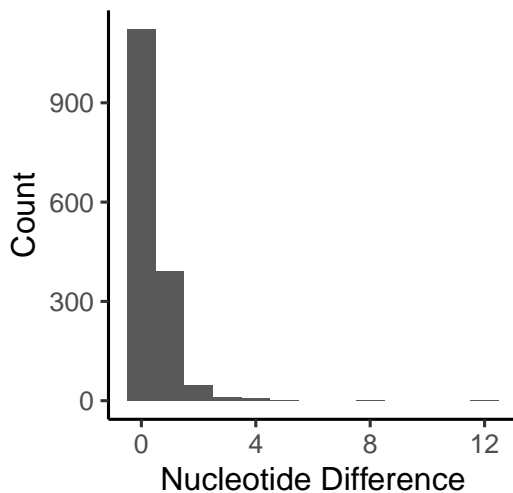
IGKV3/OR2-268*01

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



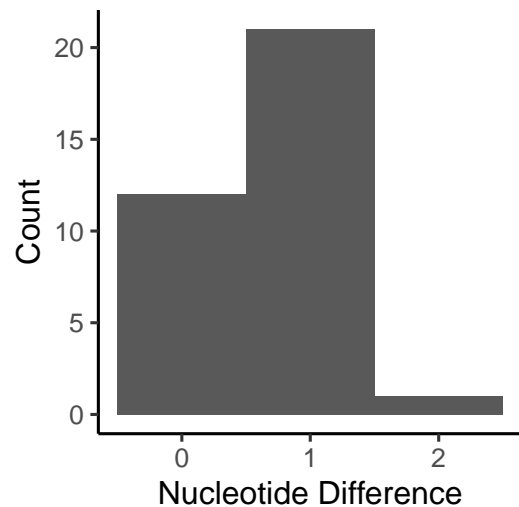
IGKV3-15*01

1584 sequences assigned
1123 (70.9%) exact matches, in which:
831 unique CDR3
5 unique J



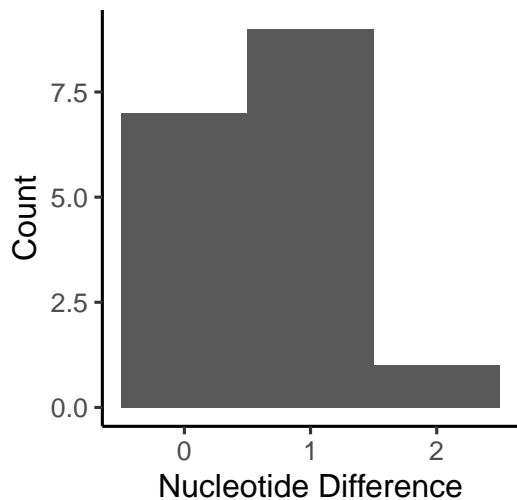
IGKV5-2*01_C214T

34 sequences assigned
12 (35.3%) exact matches, in which:
12 unique CDR3
5 unique J



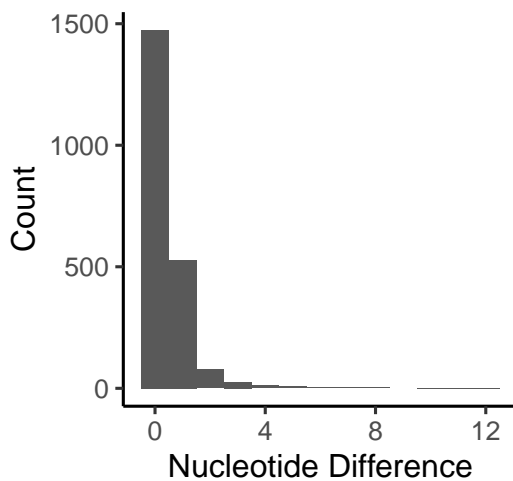
IGKV3-7*04

17 sequences assigned
7 (41.2%) exact matches, in which:
7 unique CDR3
2 unique J



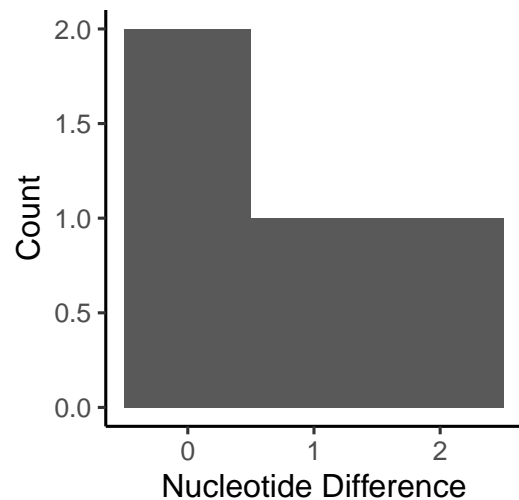
IGKV3-20*01

2140 sequences assigned
1474 (68.9%) exact matches, in which:
1109 unique CDR3
5 unique J



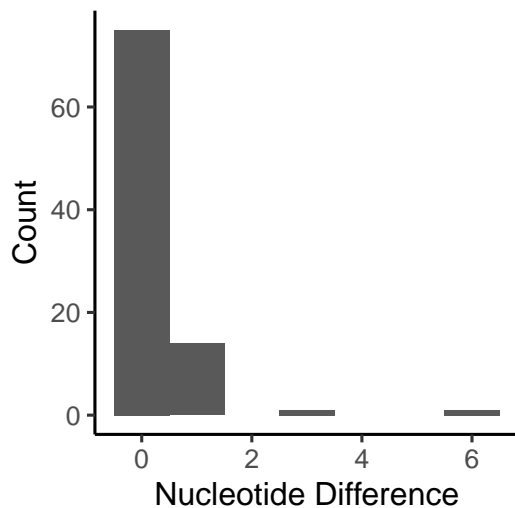
IGKV3D-7*01

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



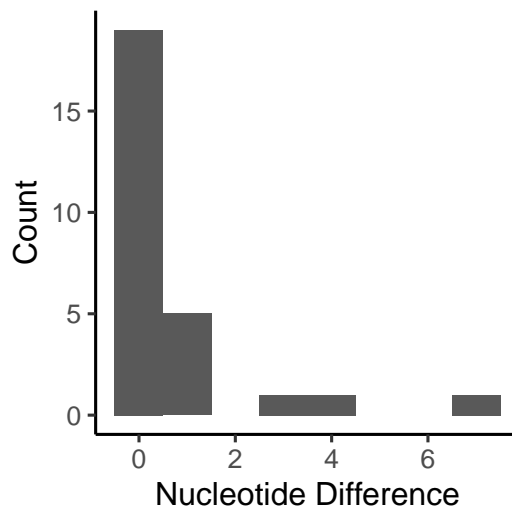
IGKV1D-8*01

91 sequences assigned
75 (82.4%) exact matches, in which:
54 unique CDR3
5 unique J



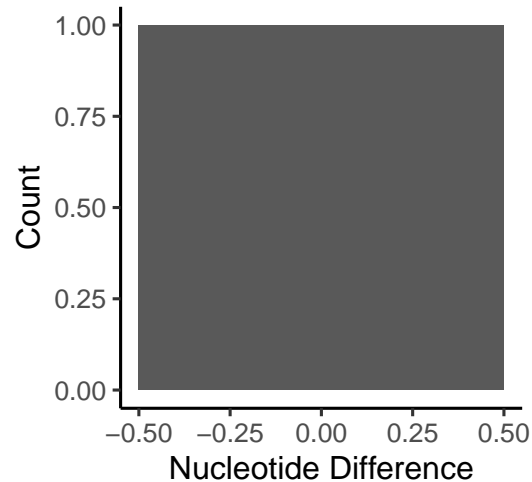
IGKV3D-15*01

27 sequences assigned
19 (70.4%) exact matches, in which:
19 unique CDR3
5 unique J



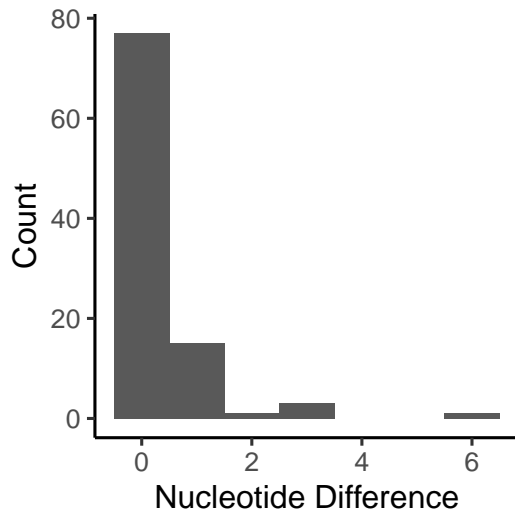
IGKV1D-17*01

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



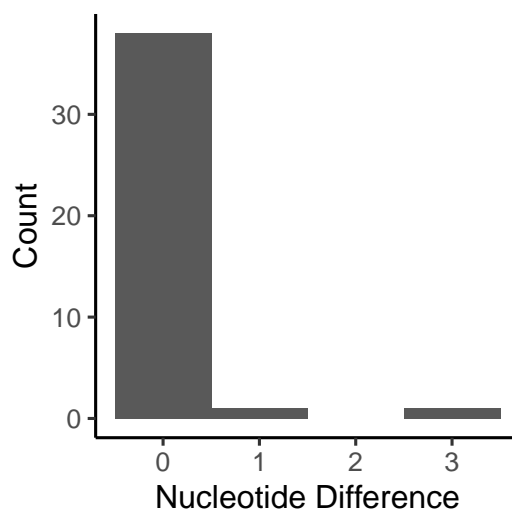
IGKV1D-8*02

97 sequences assigned
77 (79.4%) exact matches, in which:
56 unique CDR3
5 unique J



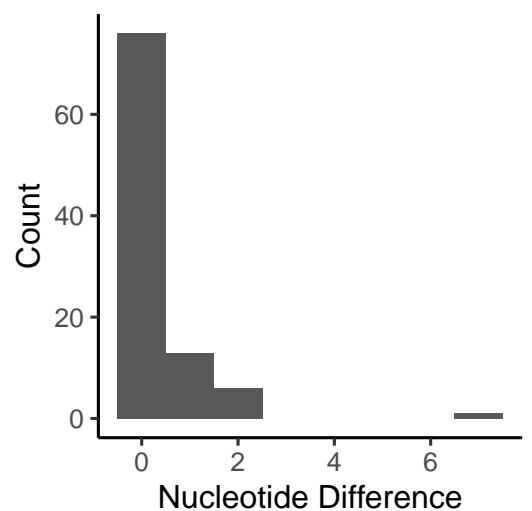
IGKV3D-15*03

40 sequences assigned
38 (95%) exact matches, in which:
34 unique CDR3
5 unique J



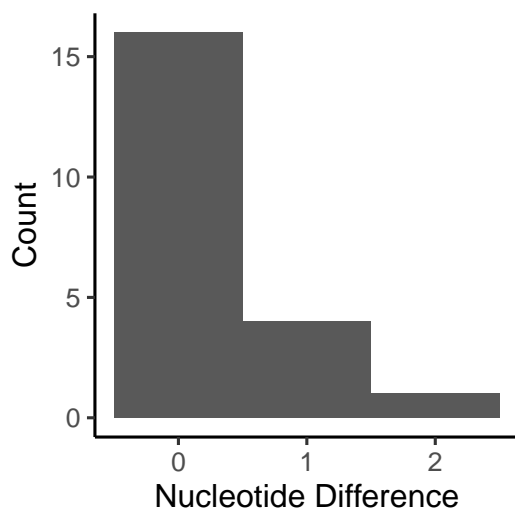
IGKV3D-20*01

96 sequences assigned
76 (79.2%) exact matches, in which:
67 unique CDR3
5 unique J



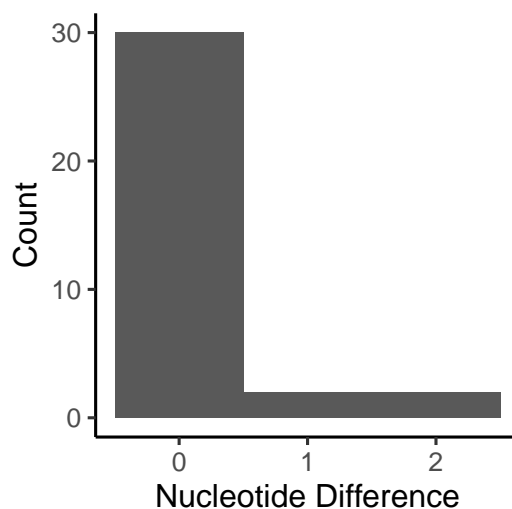
IGKV3D-11*02

21 sequences assigned
16 (76.2%) exact matches, in which:
16 unique CDR3
4 unique J



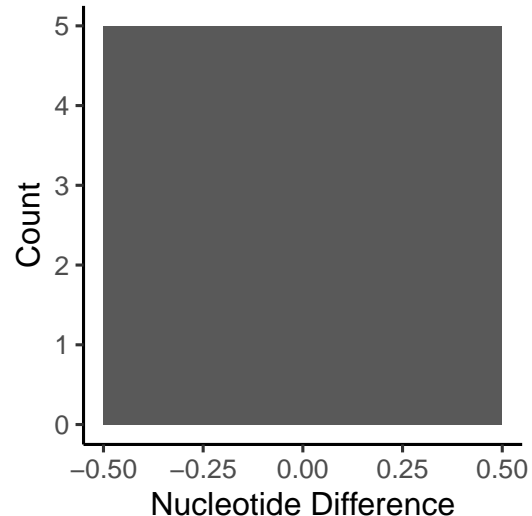
IGKV1D-16*01

34 sequences assigned
30 (88.2%) exact matches, in which:
27 unique CDR3
5 unique J



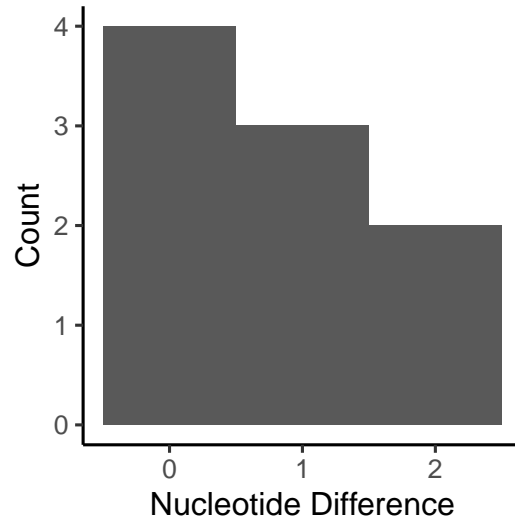
IGKV2D-24*01

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



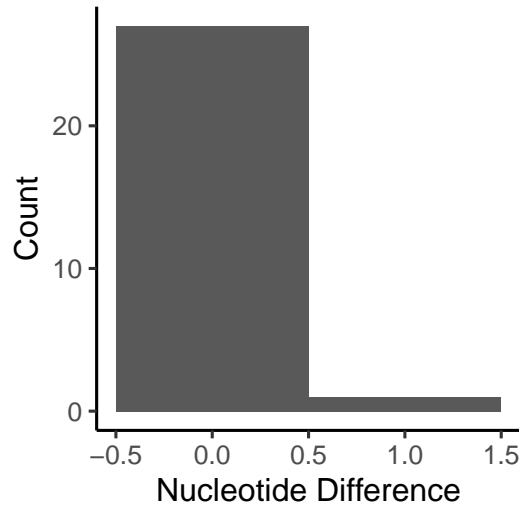
IGKV2D-26*03

9 sequences assigned
4 (44.4%) exact matches, in which:
4 unique CDR3
3 unique J



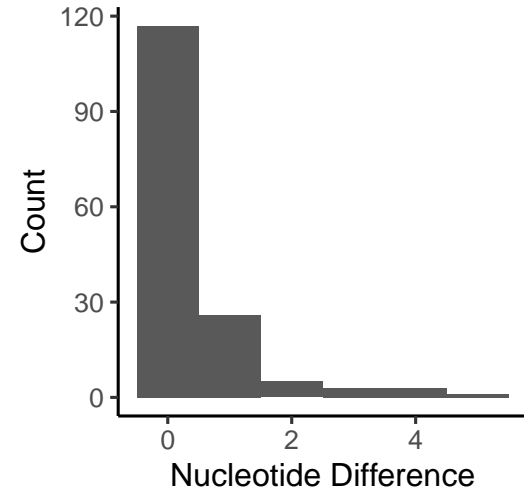
IGKV2D-30*01

28 sequences assigned
27 (96.4%) exact matches, in which:
26 unique CDR3
5 unique J



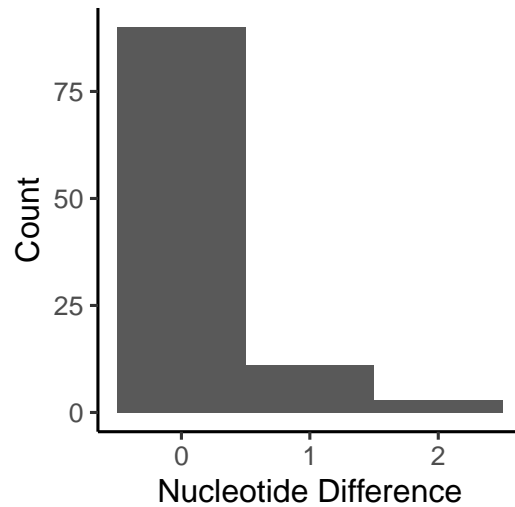
IGKV1E-12*01

155 sequences assigned
117 (75.5%) exact matches, in which:
82 unique CDR3
5 unique J



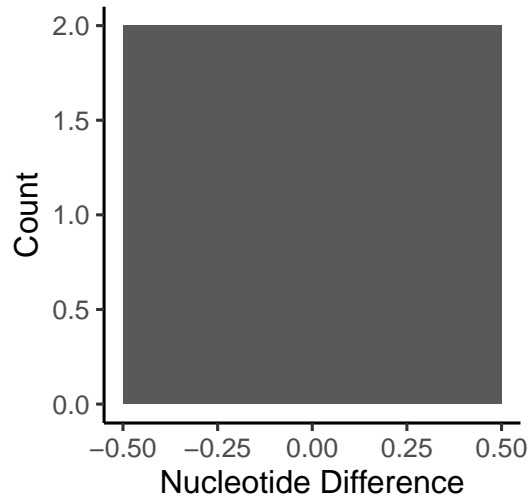
IGKV2D-29*01

105 sequences assigned
90 (85.7%) exact matches, in which:
81 unique CDR3
5 unique J



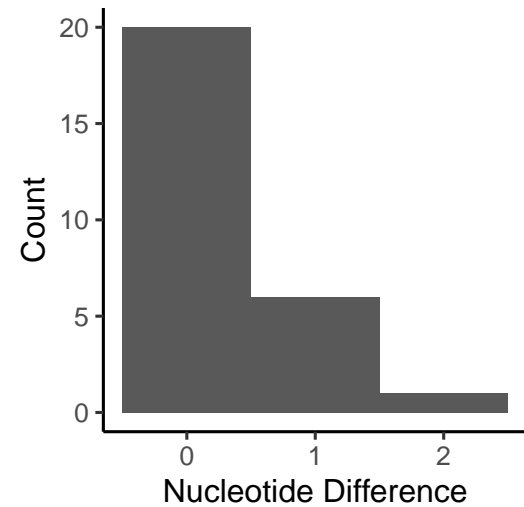
IGKV6D-41*01

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



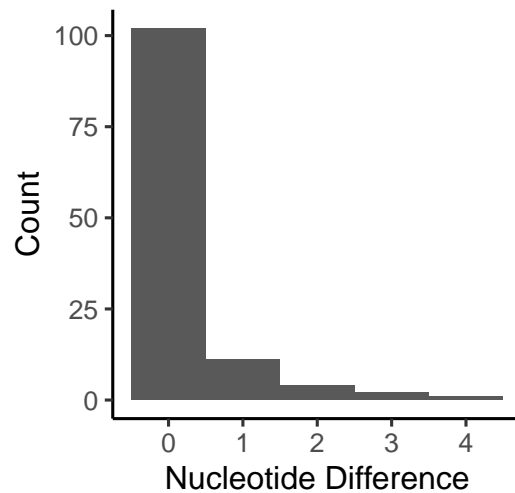
IGKV1E-12*02

27 sequences assigned
20 (74.1%) exact matches, in which:
14 unique CDR3
5 unique J



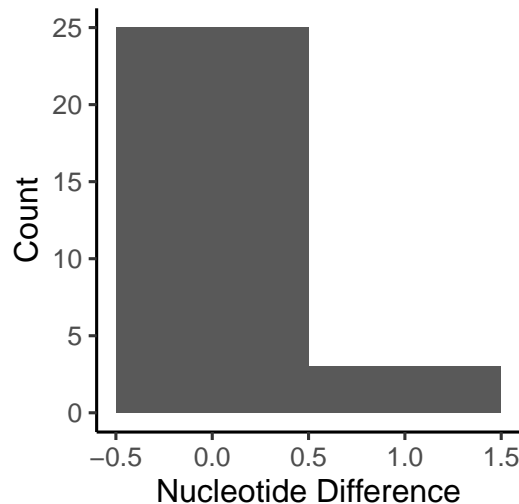
IGKV2D-29*02

120 sequences assigned
102 (85%) exact matches, in which:
97 unique CDR3
5 unique J



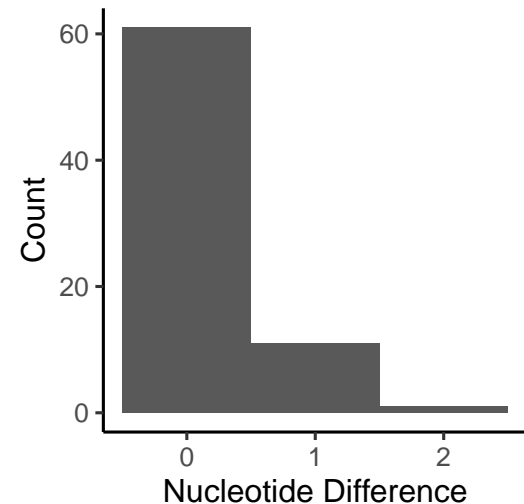
IGKV1D-43*01

28 sequences assigned
25 (89.3%) exact matches, in which:
25 unique CDR3
5 unique J



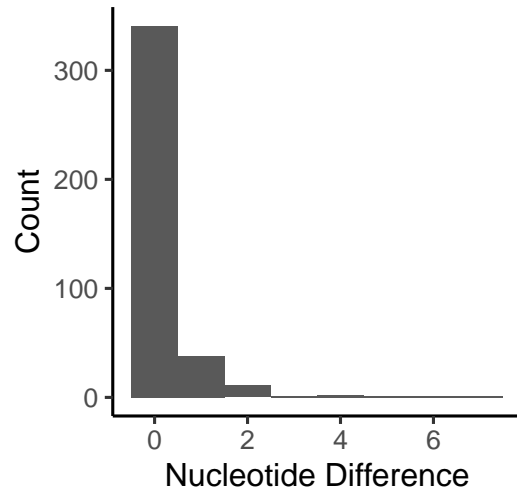
IGKV1E-12*03

73 sequences assigned
61 (83.6%) exact matches, in which:
49 unique CDR3
5 unique J



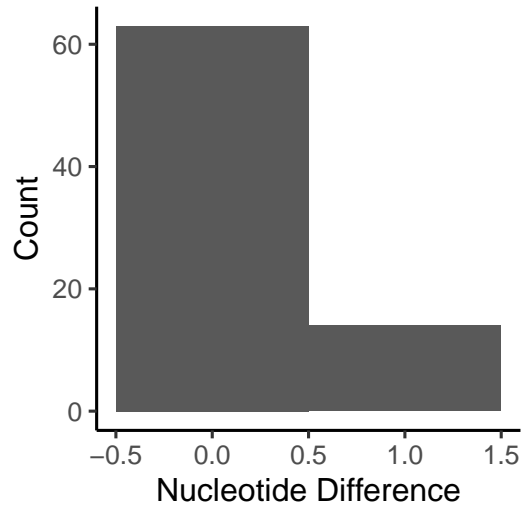
IGKV1E-13*02

396 sequences assigned
341 (86.1%) exact matches, in which:
257 unique CDR3
5 unique J



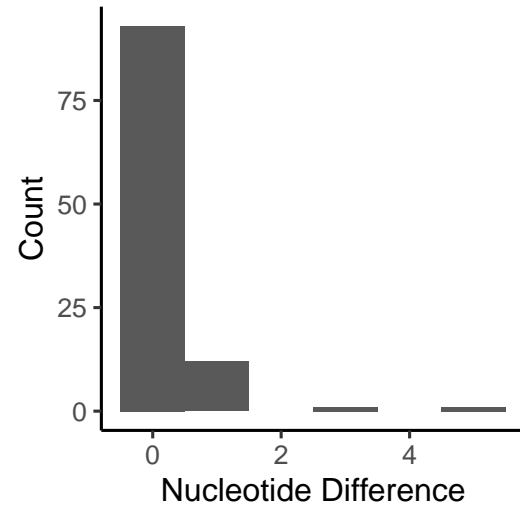
IGKV6E-21*02

77 sequences assigned
63 (81.8%) exact matches, in which:
58 unique CDR3
5 unique J



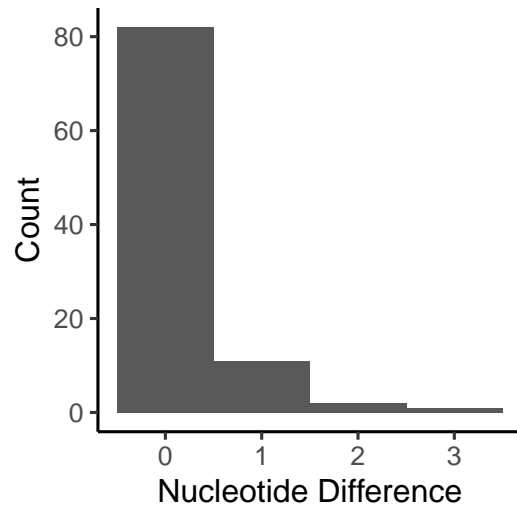
IGKV2E-28*01_G90C

107 sequences assigned
93 (86.9%) exact matches, in which:
85 unique CDR3
5 unique J



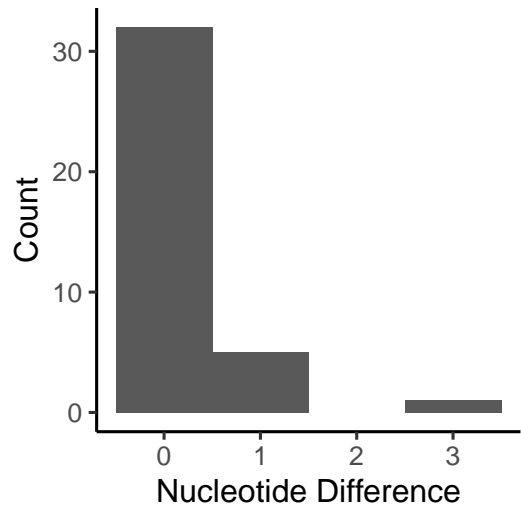
IGKV1E-13*03

96 sequences assigned
82 (85.4%) exact matches, in which:
74 unique CDR3
5 unique J



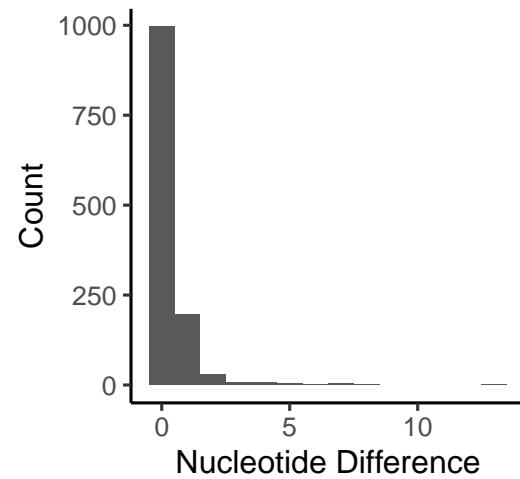
IGKV6E-21*03

38 sequences assigned
32 (84.2%) exact matches, in which:
28 unique CDR3
5 unique J



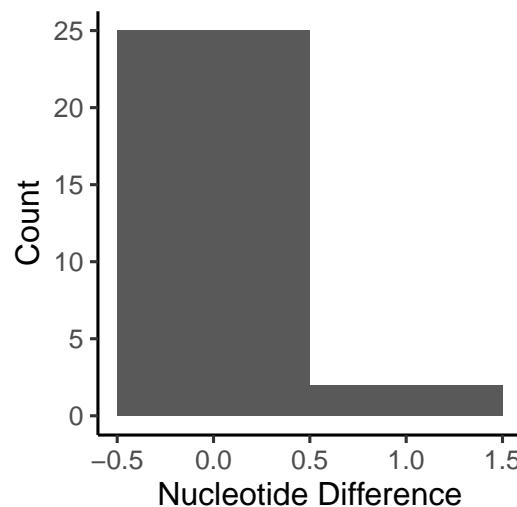
IGKV1E-33*01

1248 sequences assigned
996 (79.8%) exact matches, in which:
746 unique CDR3
5 unique J



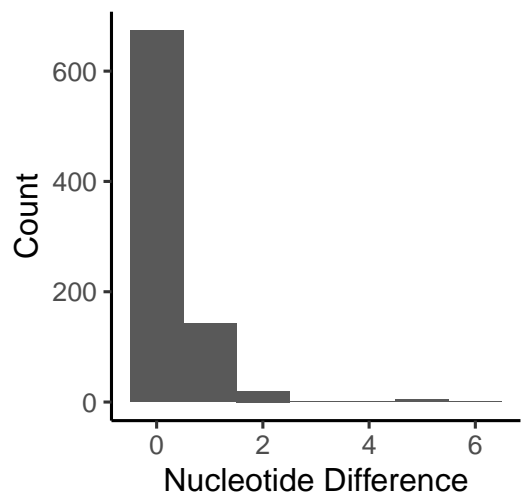
IGKV6E-21*01

27 sequences assigned
25 (92.6%) exact matches, in which:
20 unique CDR3
5 unique J



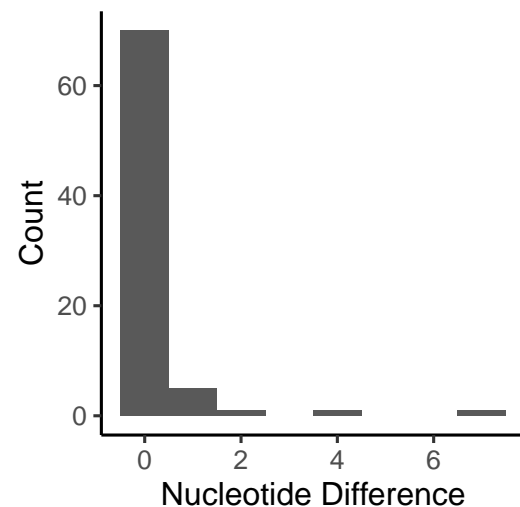
IGKV2E-28*01

846 sequences assigned
674 (79.7%) exact matches, in which:
563 unique CDR3
5 unique J



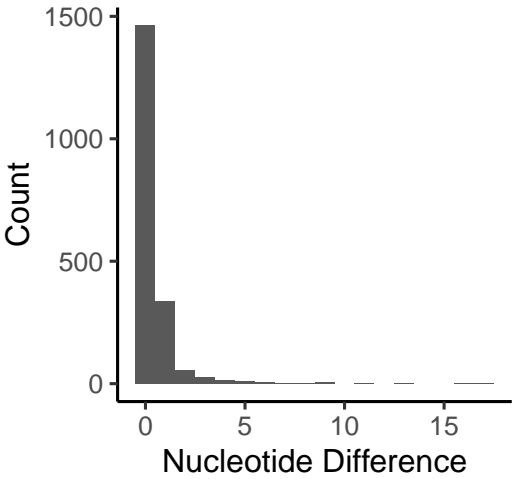
IGKV1E-37*01

78 sequences assigned
70 (89.7%) exact matches, in which:
66 unique CDR3
5 unique J



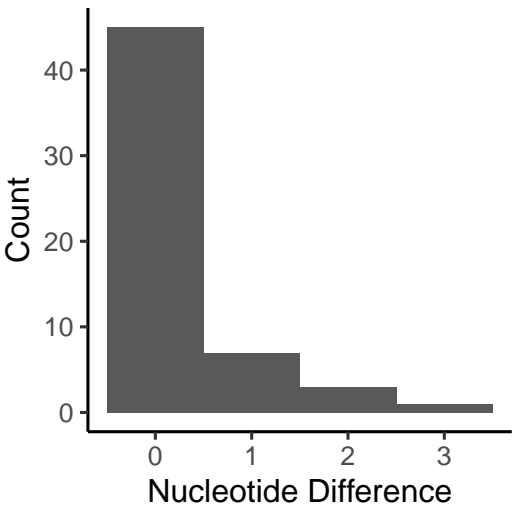
IGKV1E-39*01

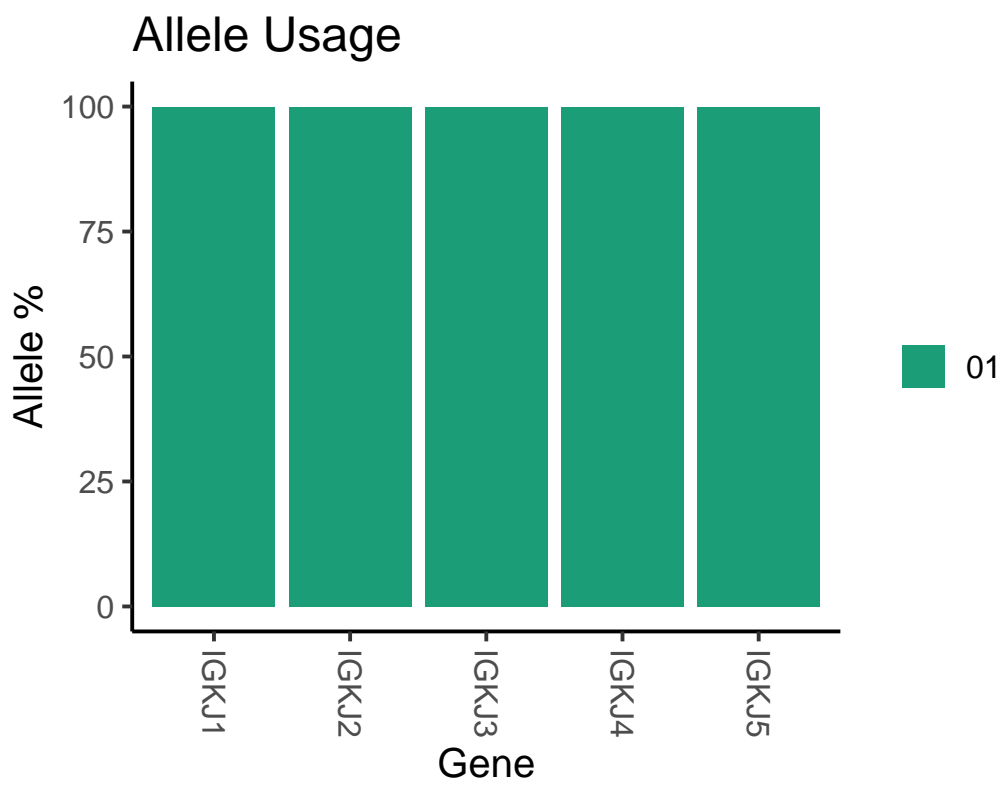
1933 sequences assigned
1463 (75.7%) exact matches, in which:
1054 unique CDR3
5 unique J



IGKV2E-40*01

56 sequences assigned
45 (80.4%) exact matches, in which:
40 unique CDR3
5 unique J





Warning – no inferred sequences found.