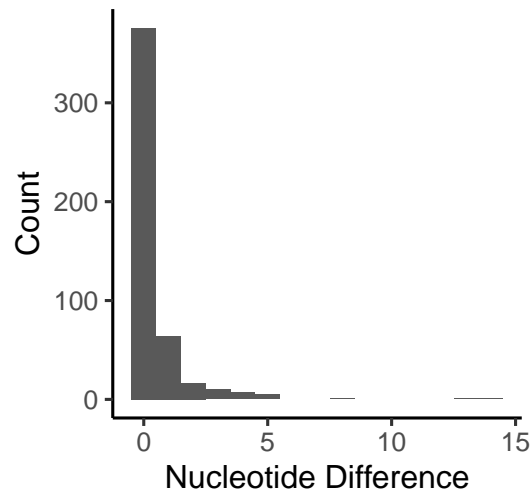


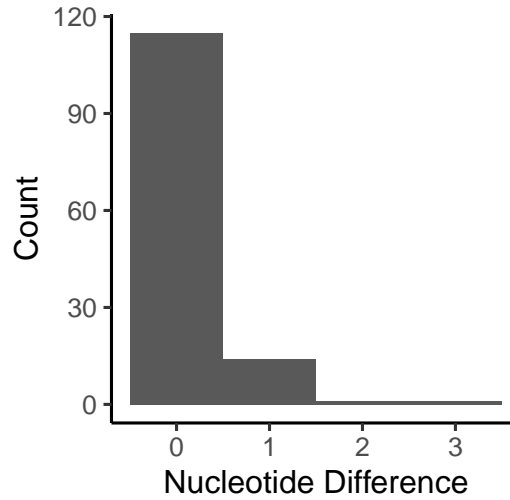
IGKV1-5*03

482 sequences assigned
376 (78%) exact matches, in which:
329 unique CDR3
5 unique J



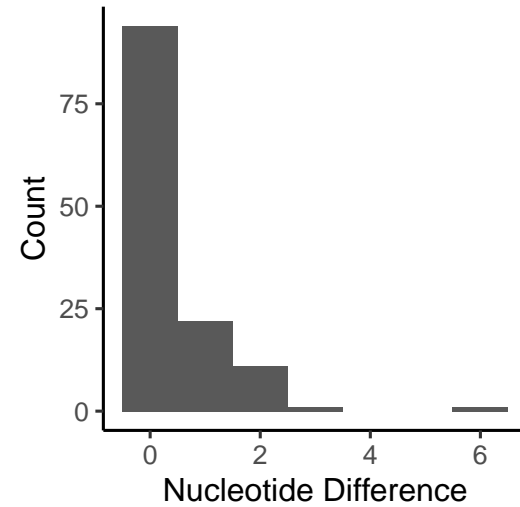
IGKV1-8*01

131 sequences assigned
115 (87.8%) exact matches, in which:
100 unique CDR3
5 unique J



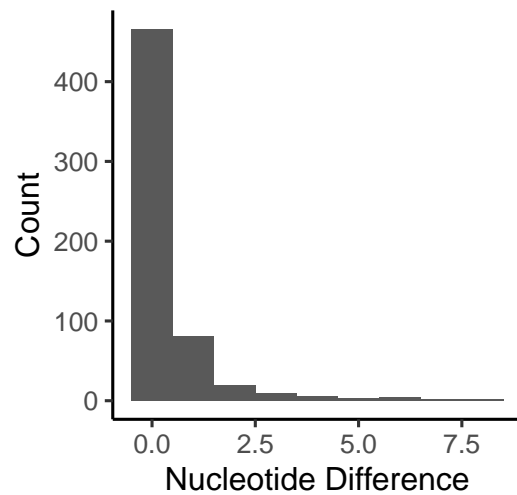
IGKV1-16*02

129 sequences assigned
94 (72.9%) exact matches, in which:
70 unique CDR3
5 unique J



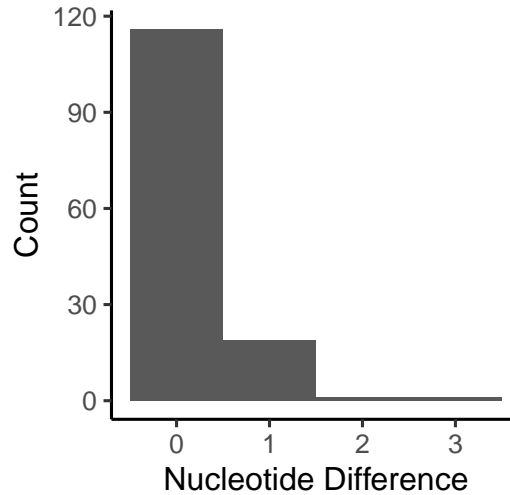
IGKV1-5*03_G171A

594 sequences assigned
466 (78.5%) exact matches, in which:
405 unique CDR3
5 unique J



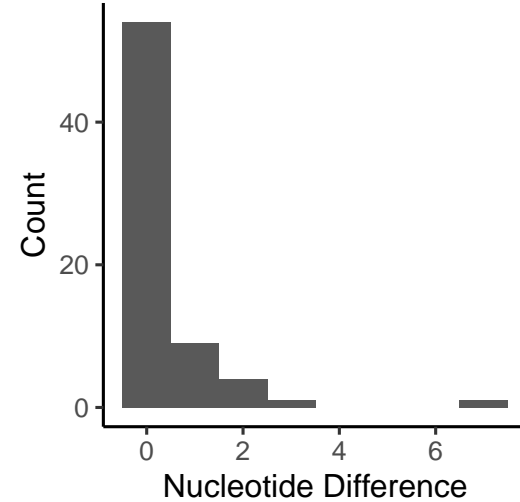
IGKV1-8*01_G12A_T31C

137 sequences assigned
116 (84.7%) exact matches, in which:
97 unique CDR3
5 unique J



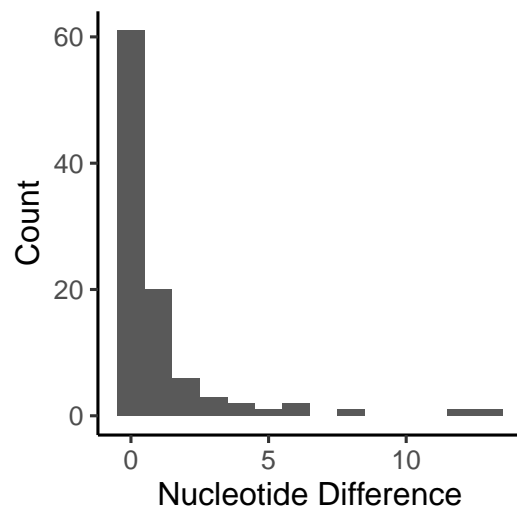
IGKV1-17*01

69 sequences assigned
54 (78.3%) exact matches, in which:
44 unique CDR3
5 unique J



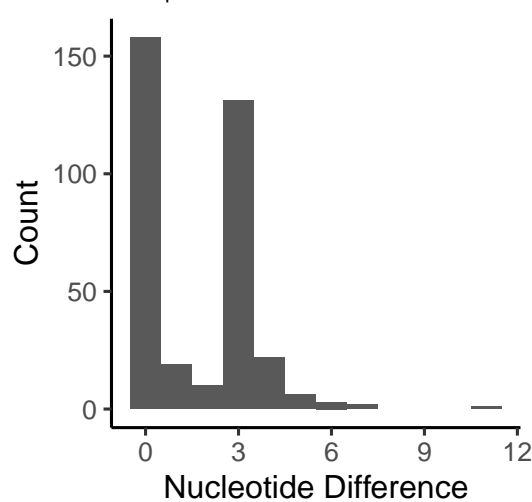
IGKV1-6*01

98 sequences assigned
61 (62.2%) exact matches, in which:
43 unique CDR3
5 unique J



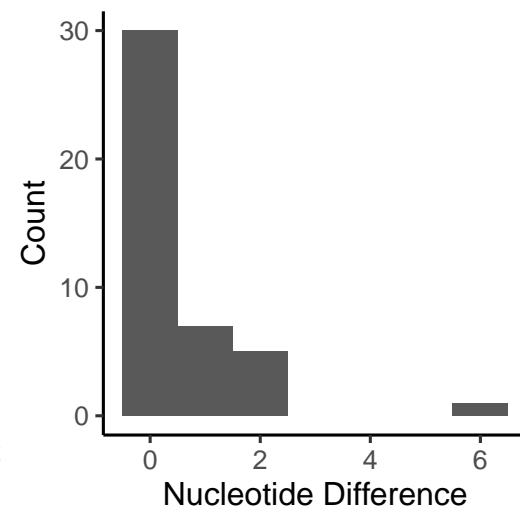
IGKV1-9*01

353 sequences assigned
158 (44.8%) exact matches, in which:
134 unique CDR3
5 unique J



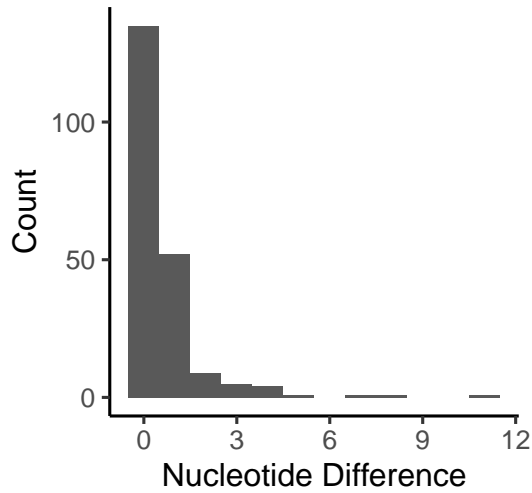
IGKV1-17*03

43 sequences assigned
30 (69.8%) exact matches, in which:
28 unique CDR3
5 unique J



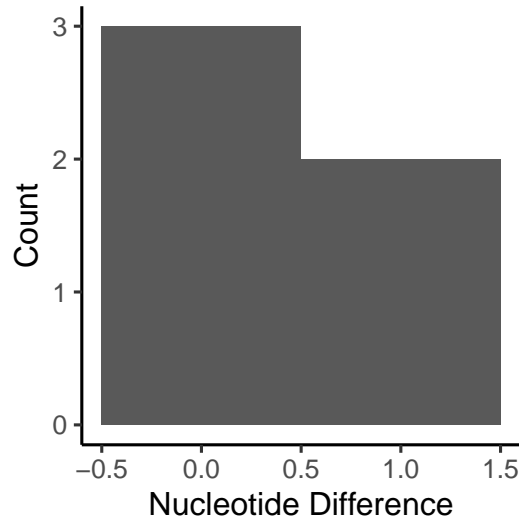
IGKV1–27*01

209 sequences assigned
135 (64.6%) exact matches, in which:
117 unique CDR3
5 unique J



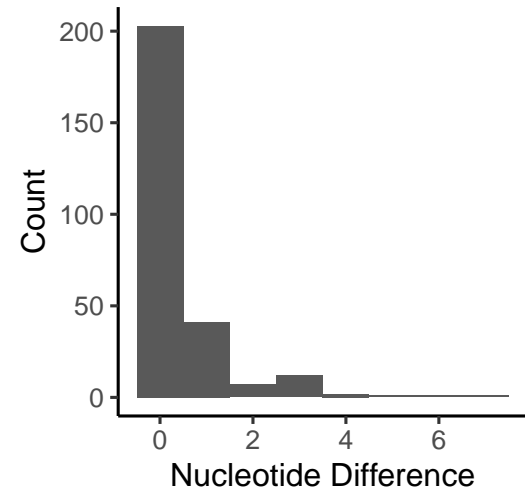
IGKV2/OR22–4*01

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



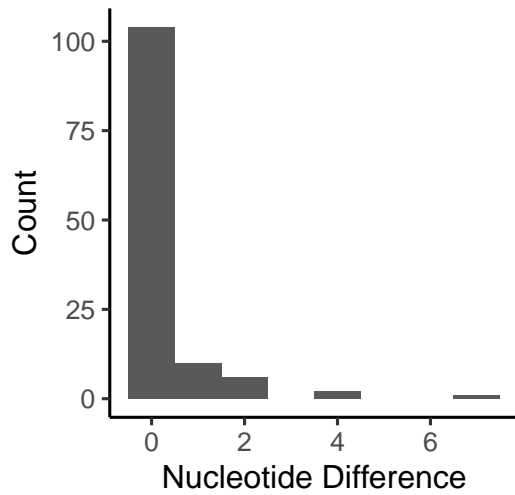
IGKV2–29*02

268 sequences assigned
203 (75.7%) exact matches, in which:
173 unique CDR3
5 unique J



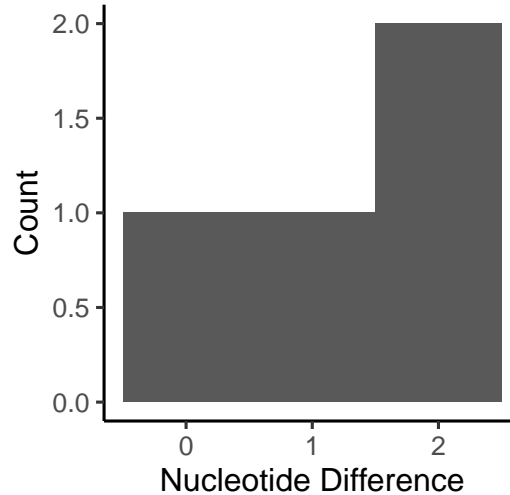
IGKV1–27*01_T231C

123 sequences assigned
104 (84.6%) exact matches, in which:
90 unique CDR3
5 unique J



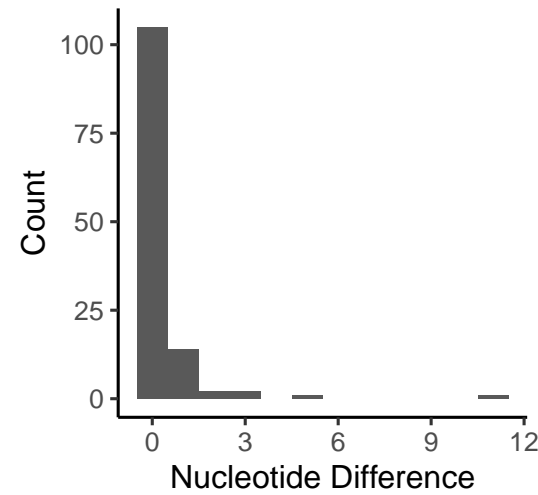
IGKV2–18*01

4 sequences assigned
1 (25%) exact matches, in which:
1 unique CDR3
1 unique J



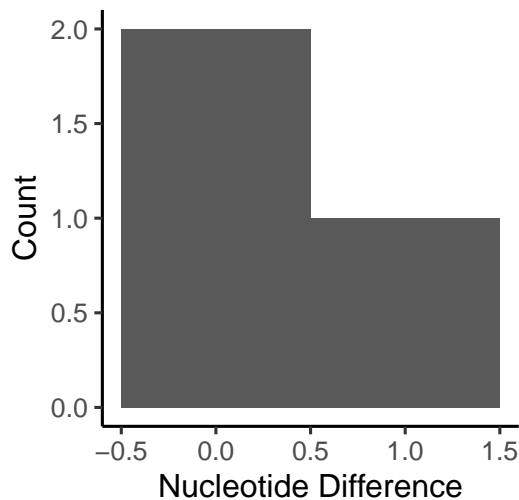
IGKV2–30*01

125 sequences assigned
105 (84%) exact matches, in which:
97 unique CDR3
5 unique J



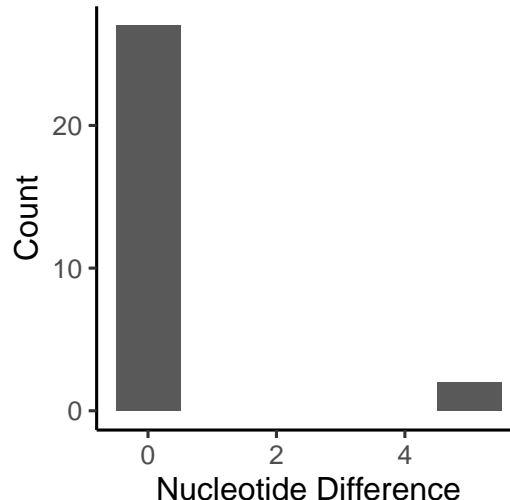
IGKV1–NL1*01

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



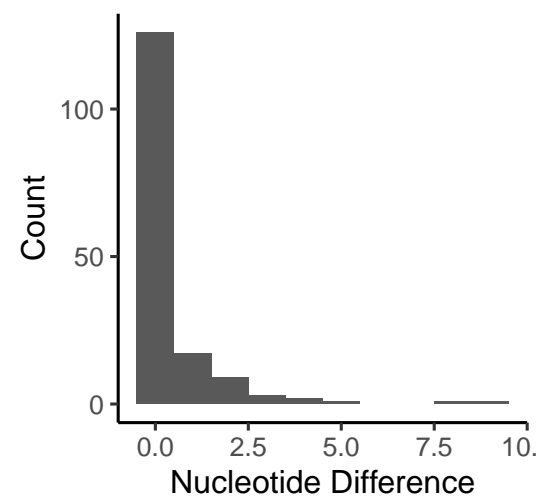
IGKV2–24*01

29 sequences assigned
27 (93.1%) exact matches, in which:
27 unique CDR3
5 unique J



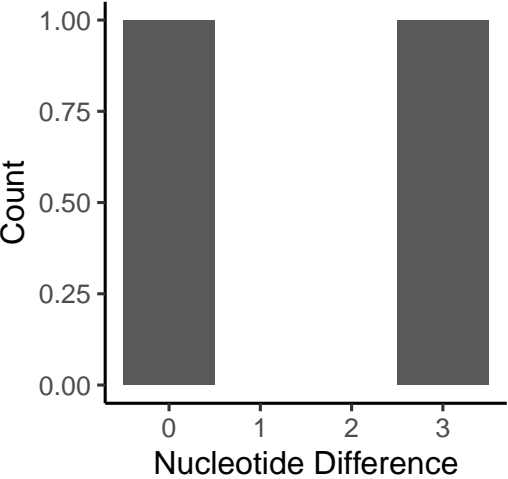
IGKV2–30*02

160 sequences assigned
126 (78.8%) exact matches, in which:
114 unique CDR3
5 unique J



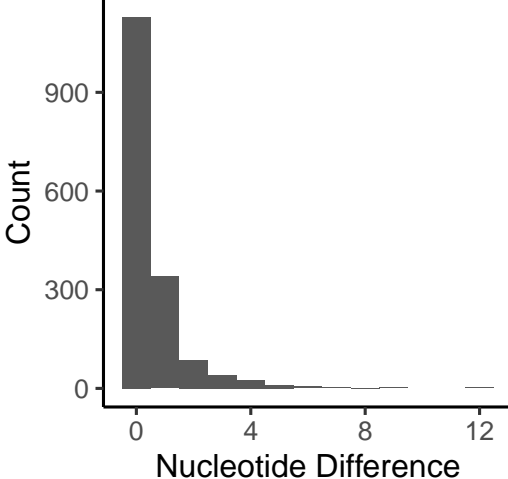
IGKV1/OR2-108*01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



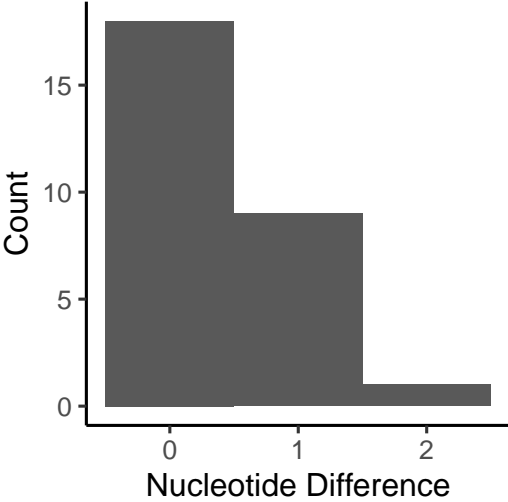
IGKV3-15*01

1651 sequences assigned
1130 (68.4%) exact matches, in which:
906 unique CDR3
5 unique J



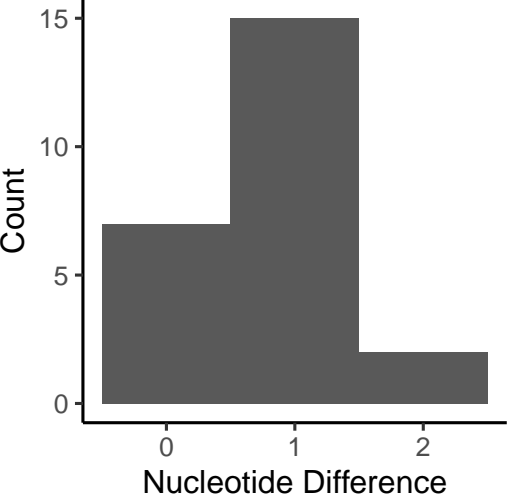
IGKV5-2*01

28 sequences assigned
18 (64.3%) exact matches, in which:
18 unique CDR3
4 unique J



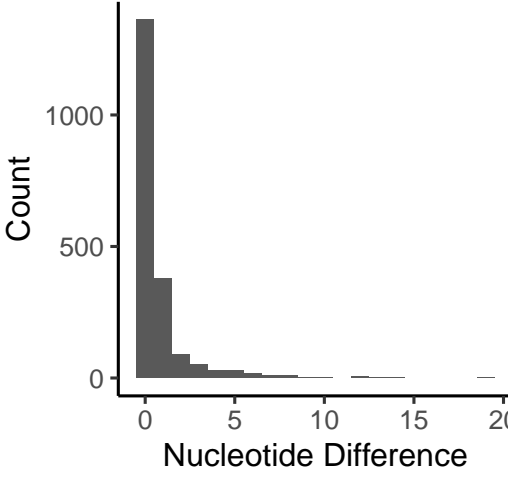
IGKV3-7*04

24 sequences assigned
7 (29.2%) exact matches, in which:
7 unique CDR3
4 unique J



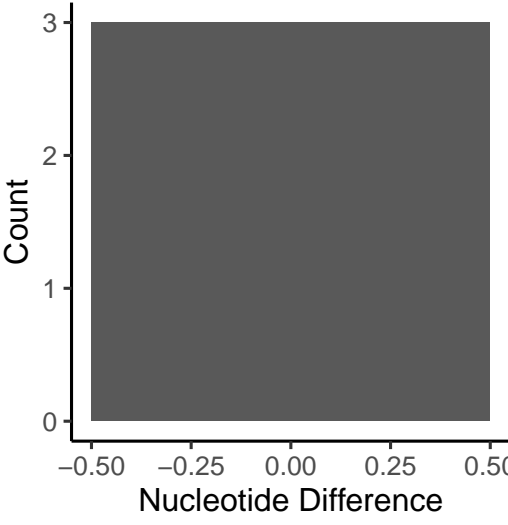
IGKV3-20*01

1986 sequences assigned
1362 (68.6%) exact matches, in which:
1078 unique CDR3
5 unique J



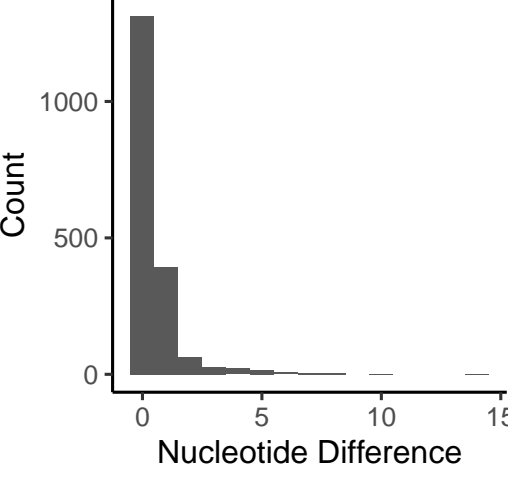
IGKV7-3*01

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



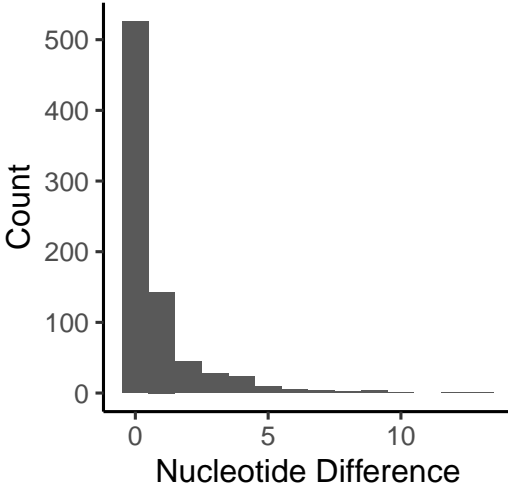
IGKV3-11*01

1855 sequences assigned
1313 (70.8%) exact matches, in which:
995 unique CDR3
5 unique J



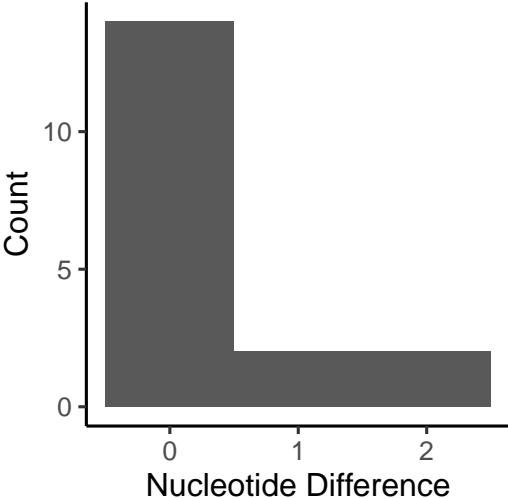
IGKV4-1*01

791 sequences assigned
526 (66.5%) exact matches, in which:
401 unique CDR3
5 unique J



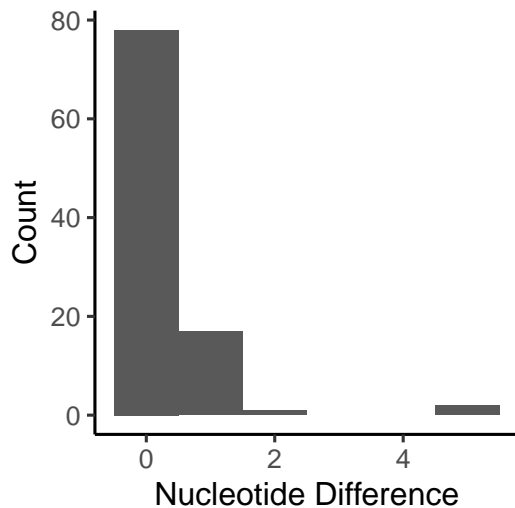
IGKV3D-7*01

18 sequences assigned
14 (77.8%) exact matches, in which:
13 unique CDR3
4 unique J



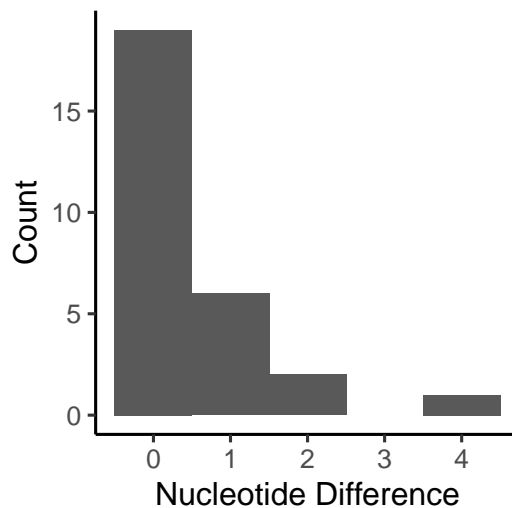
IGKV1D-8*01

98 sequences assigned
78 (79.6%) exact matches, in which:
62 unique CDR3
5 unique J



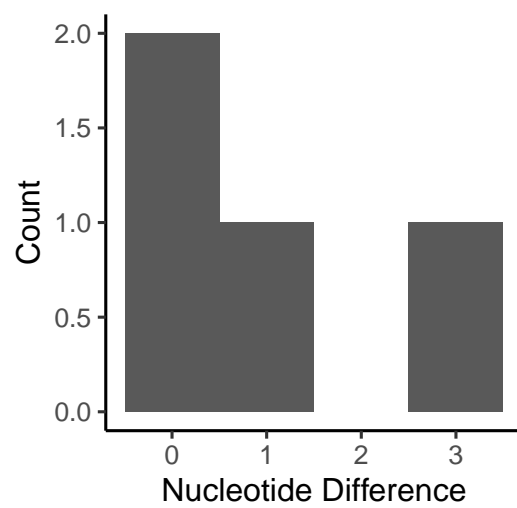
IGKV1D-16*01

28 sequences assigned
19 (67.9%) exact matches, in which:
17 unique CDR3
5 unique J



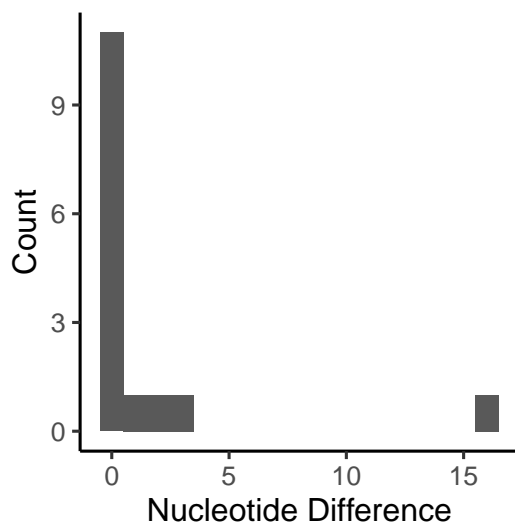
IGKV2D-24*01

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



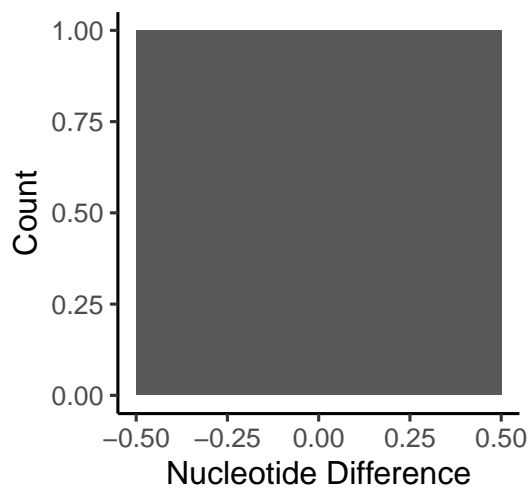
IGKV3D-11*01

15 sequences assigned
11 (73.3%) exact matches, in which:
10 unique CDR3
4 unique J



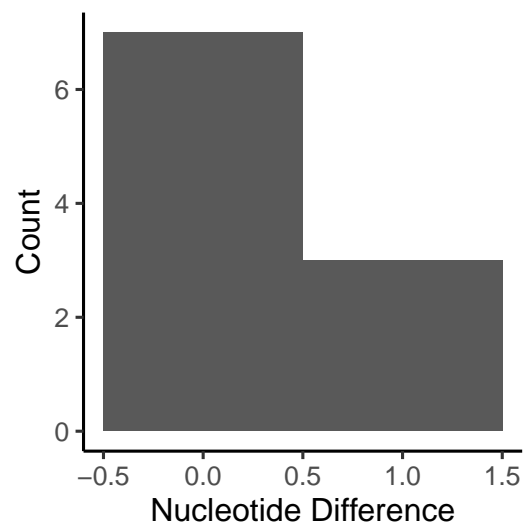
IGKV1D-17*01

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



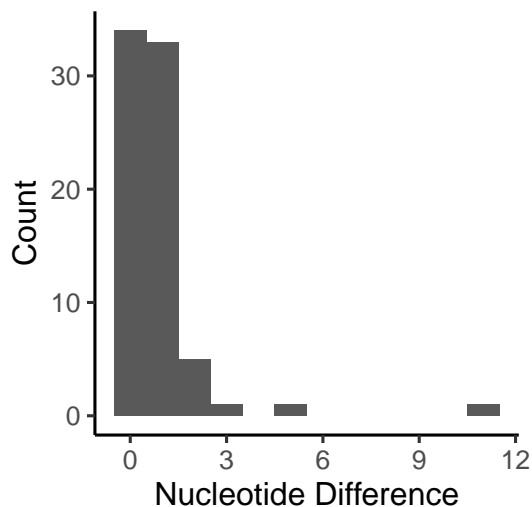
IGKV2D-26*03

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



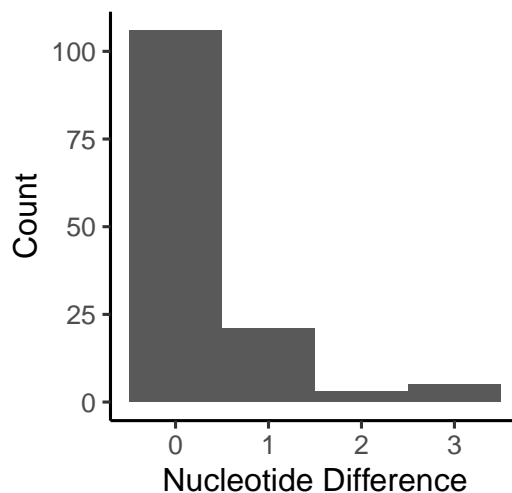
IGKV3D-15*01

75 sequences assigned
34 (45.3%) exact matches, in which:
30 unique CDR3
5 unique J



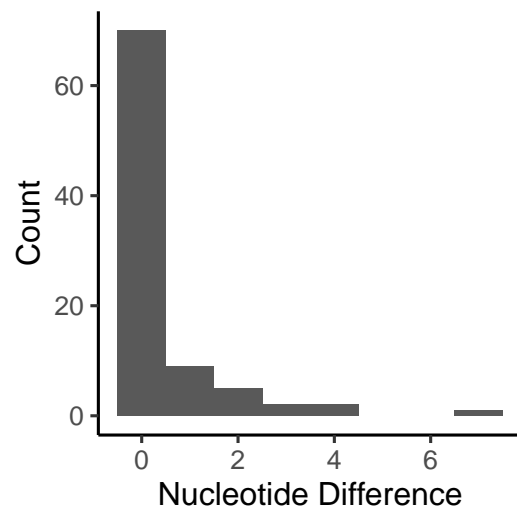
IGKV3D-20*01

135 sequences assigned
106 (78.5%) exact matches, in which:
94 unique CDR3
5 unique J



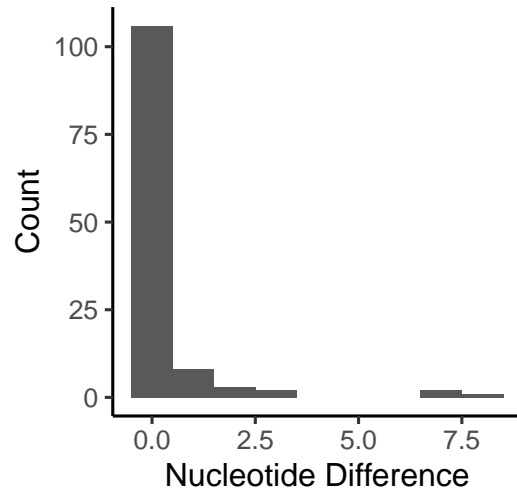
IGKV2D-29*01

89 sequences assigned
70 (78.7%) exact matches, in which:
69 unique CDR3
5 unique J



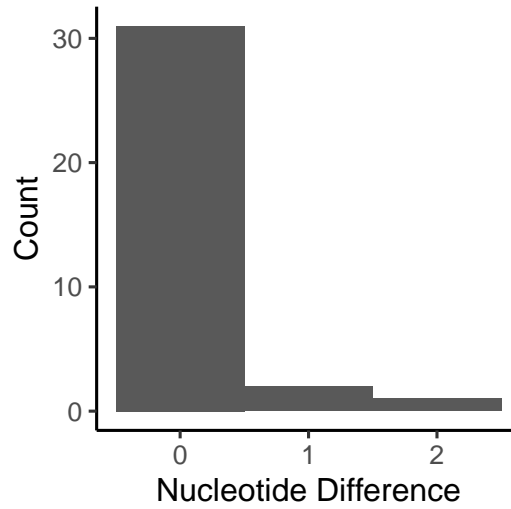
IGKV2D-29*02

122 sequences assigned
106 (86.9%) exact matches, in which:
94 unique CDR3
5 unique J



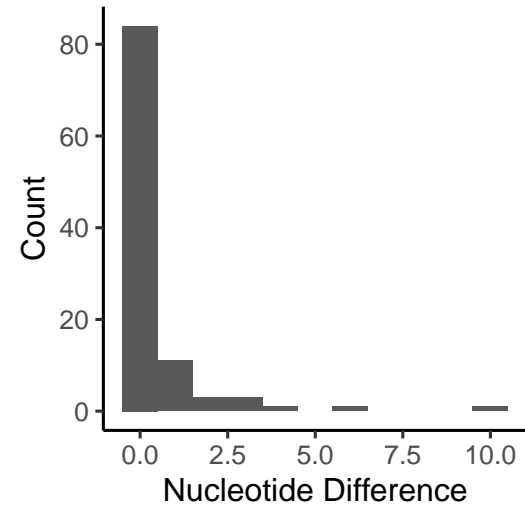
IGKV1D-43*01

34 sequences assigned
31 (91.2%) exact matches, in which:
31 unique CDR3
5 unique J



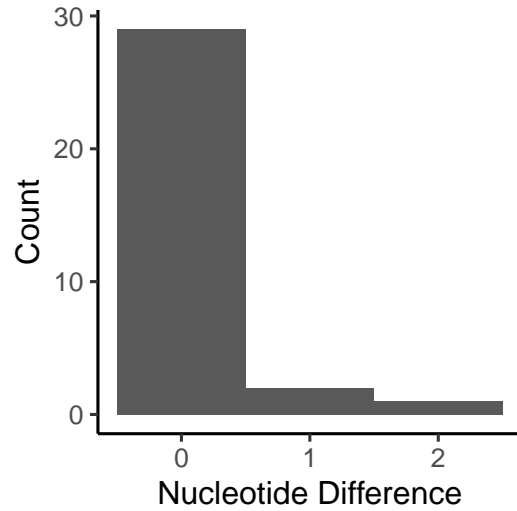
IGKV1E-12*03

104 sequences assigned
84 (80.8%) exact matches, in which:
70 unique CDR3
5 unique J



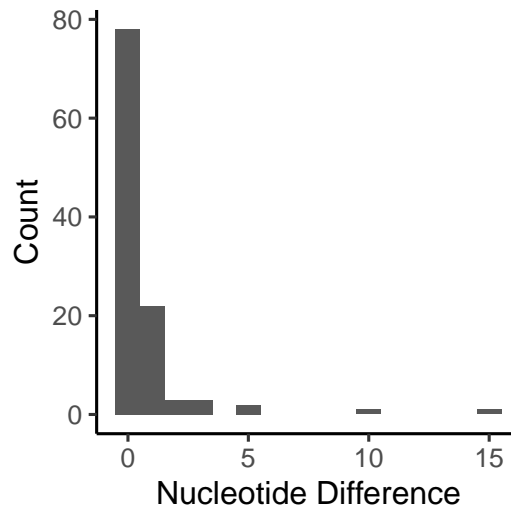
IGKV2D-30*01

32 sequences assigned
29 (90.6%) exact matches, in which:
26 unique CDR3
5 unique J



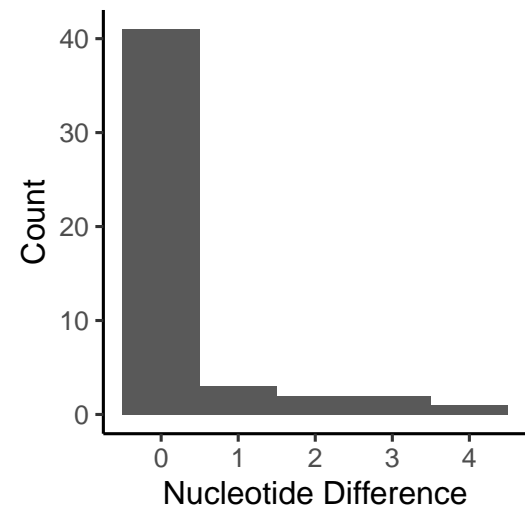
IGKV1E-12*01

110 sequences assigned
78 (70.9%) exact matches, in which:
50 unique CDR3
5 unique J



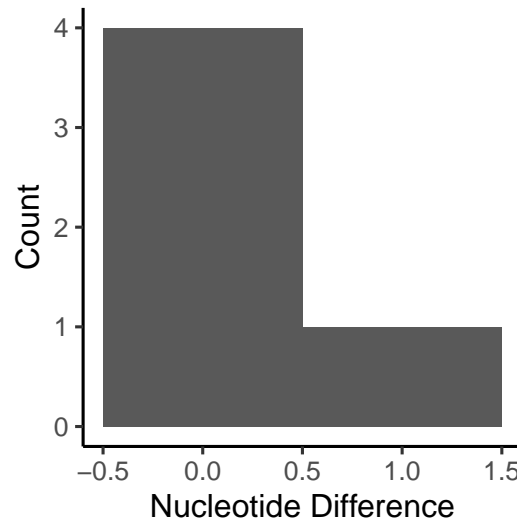
IGKV1E-13*03

49 sequences assigned
41 (83.7%) exact matches, in which:
37 unique CDR3
5 unique J



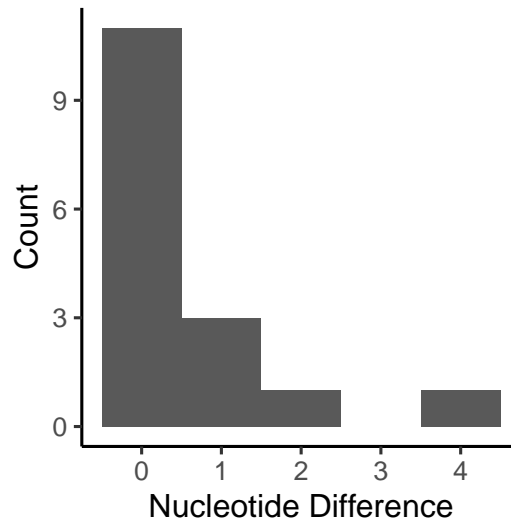
IGKV6D-41*01

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
3 unique J



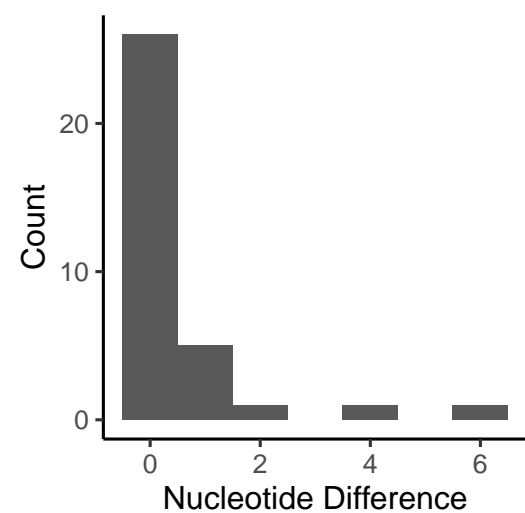
IGKV1E-12*02

16 sequences assigned
11 (68.8%) exact matches, in which:
9 unique CDR3
5 unique J



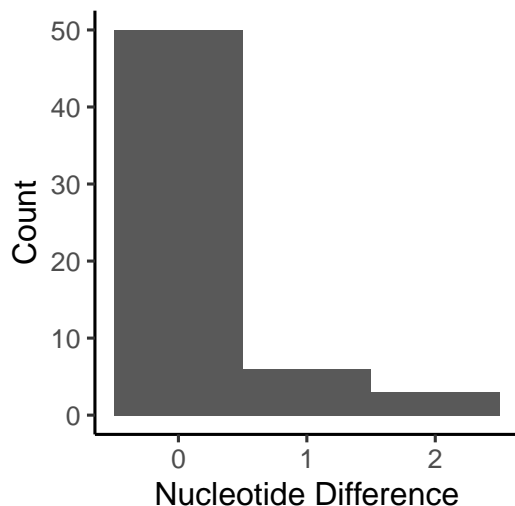
IGKV6E-21*01

34 sequences assigned
26 (76.5%) exact matches, in which:
20 unique CDR3
5 unique J



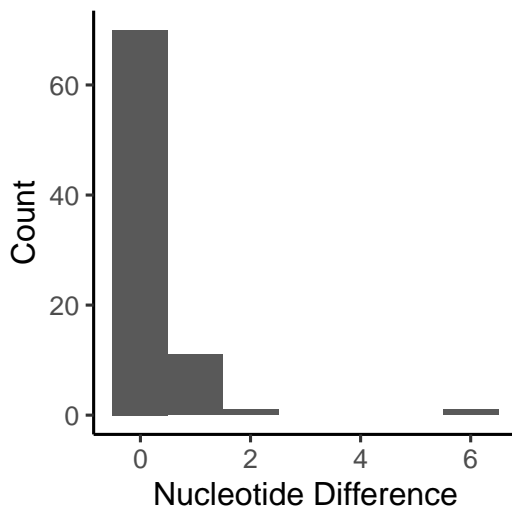
IGKV6E-21*02

59 sequences assigned
50 (84.7%) exact matches, in which:
45 unique CDR3
5 unique J



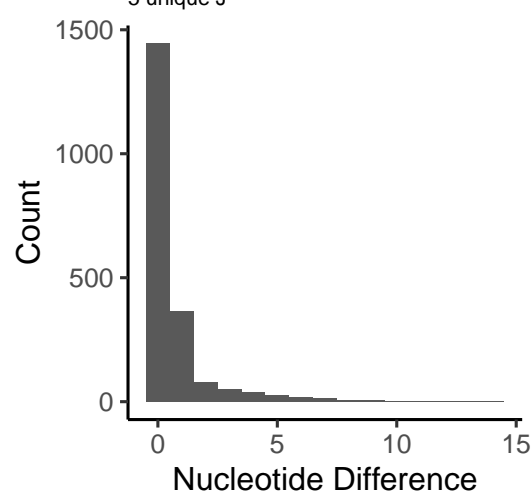
IGKV2E-28*01_G90C

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



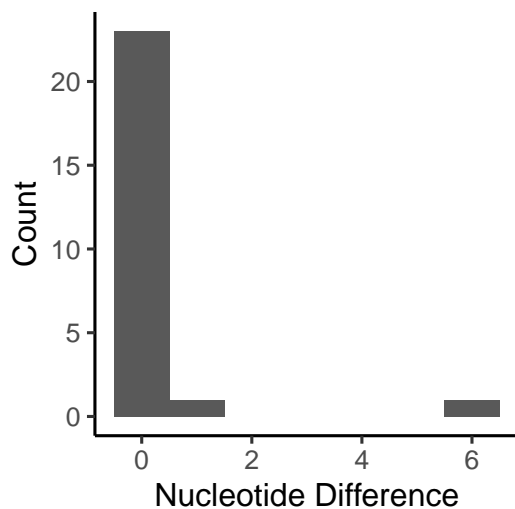
IGKV1E-39*01

2059 sequences assigned
1445 (70.2%) exact matches, in which:
1037 unique CDR3
5 unique J



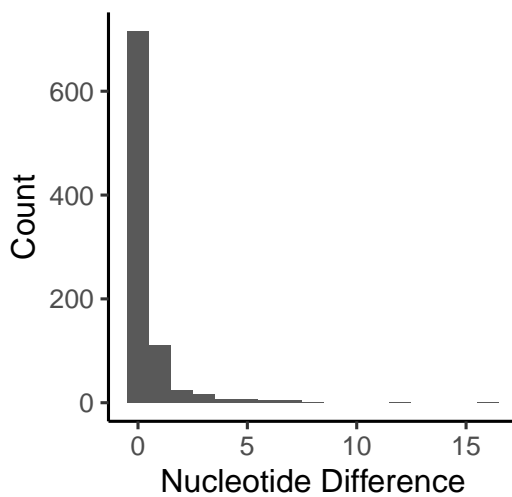
IGKV6E-21*03

25 sequences assigned
23 (92%) exact matches, in which:
21 unique CDR3
5 unique J



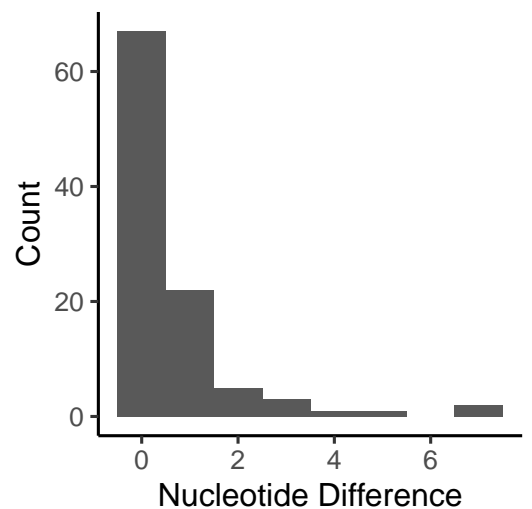
IGKV1E-33*01

894 sequences assigned
716 (80.1%) exact matches, in which:
541 unique CDR3
5 unique J



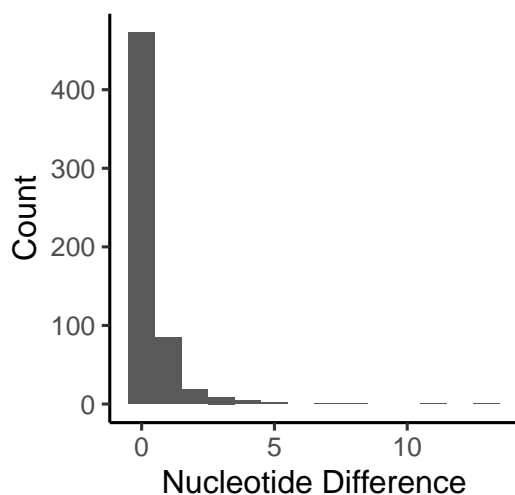
IGKV2E-40*01

101 sequences assigned
67 (66.3%) exact matches, in which:
59 unique CDR3
5 unique J



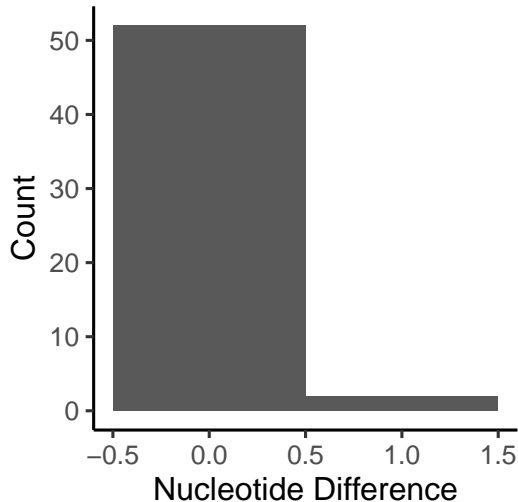
IGKV2E-28*01

596 sequences assigned
473 (79.4%) exact matches, in which:
395 unique CDR3
5 unique J



IGKV1E-37*01

54 sequences assigned
52 (96.3%) exact matches, in which:
52 unique CDR3
5 unique J





Warning – no inferred sequences found.