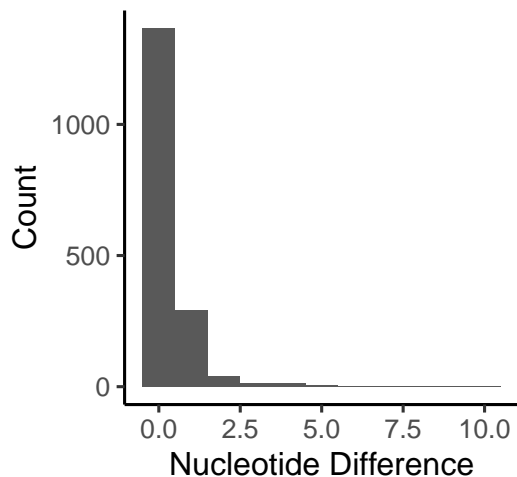


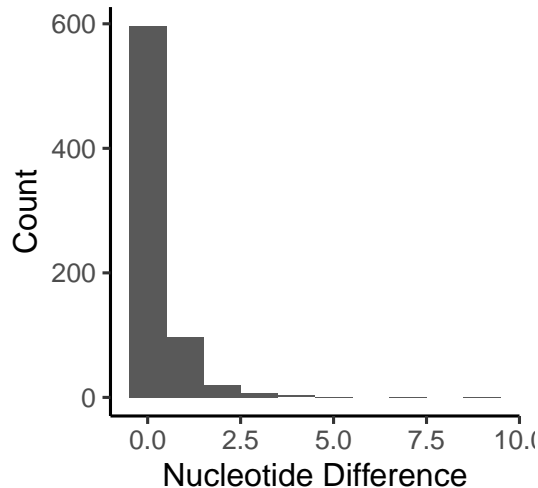
IGKV1-5*03

1740 sequences assigned
1366 (78.5%) exact matches, in which:
957 unique CDR3
5 unique J



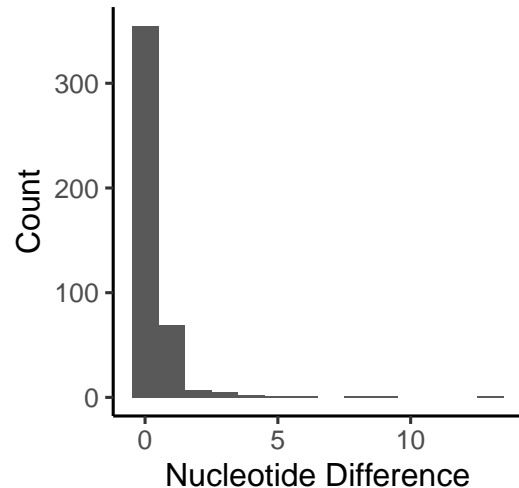
IGKV1-9*01

727 sequences assigned
597 (82.1%) exact matches, in which:
456 unique CDR3
5 unique J



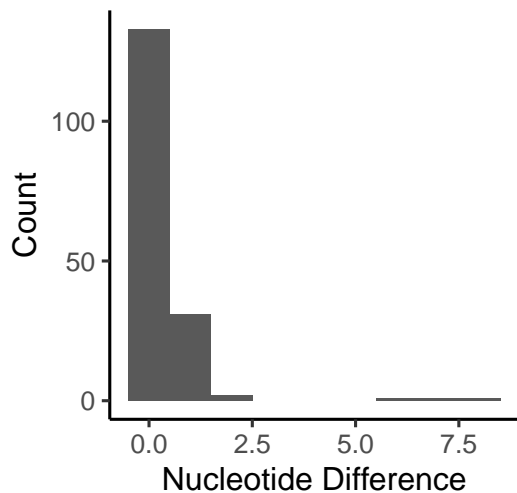
IGKV1-27*01

443 sequences assigned
355 (80.1%) exact matches, in which:
261 unique CDR3
5 unique J



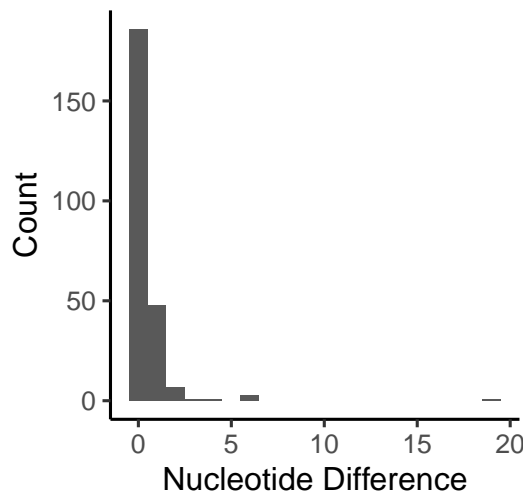
IGKV1-6*01

169 sequences assigned
133 (78.7%) exact matches, in which:
82 unique CDR3
5 unique J



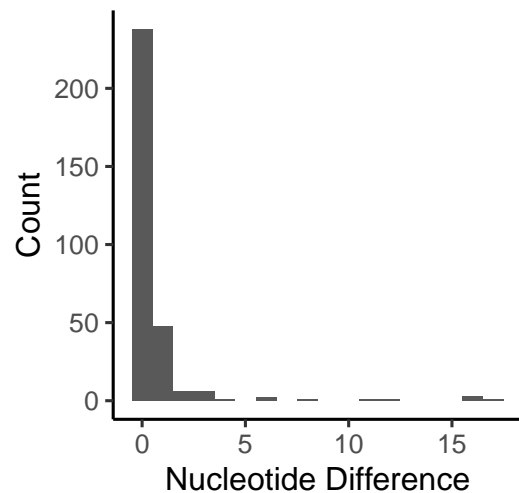
IGKV1-16*02

247 sequences assigned
186 (75.3%) exact matches, in which:
137 unique CDR3
5 unique J



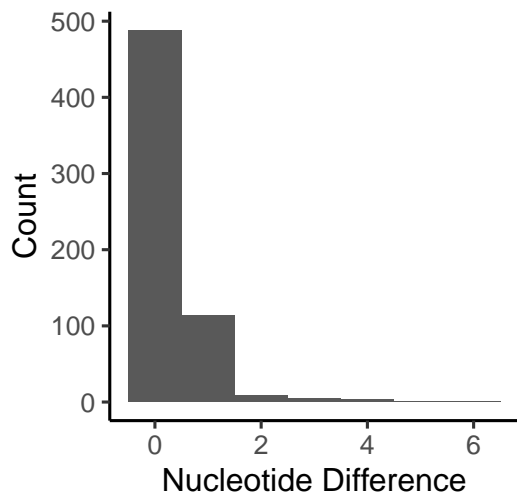
IGKV1-NL1*01

308 sequences assigned
238 (77.3%) exact matches, in which:
193 unique CDR3
5 unique J



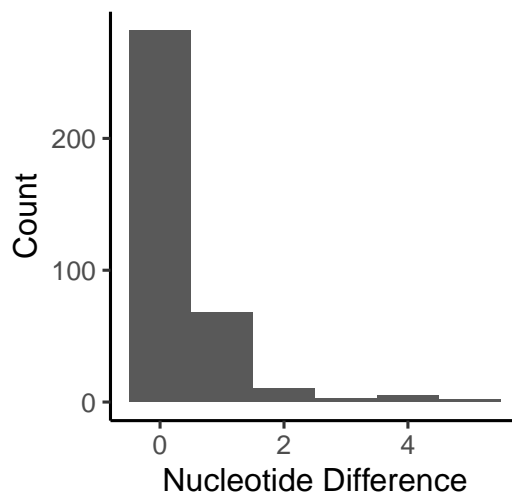
IGKV1-8*01

620 sequences assigned
488 (78.7%) exact matches, in which:
313 unique CDR3
5 unique J



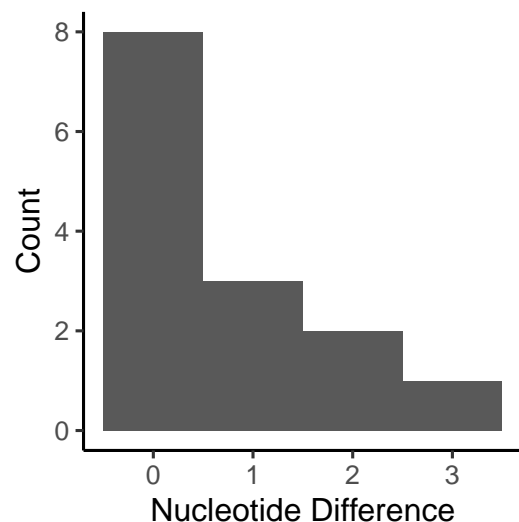
IGKV1-17*01

370 sequences assigned
282 (76.2%) exact matches, in which:
203 unique CDR3
5 unique J



IGKV2/OR22-4*01

14 sequences assigned
8 (57.1%) exact matches, in which:
6 unique CDR3
3 unique J



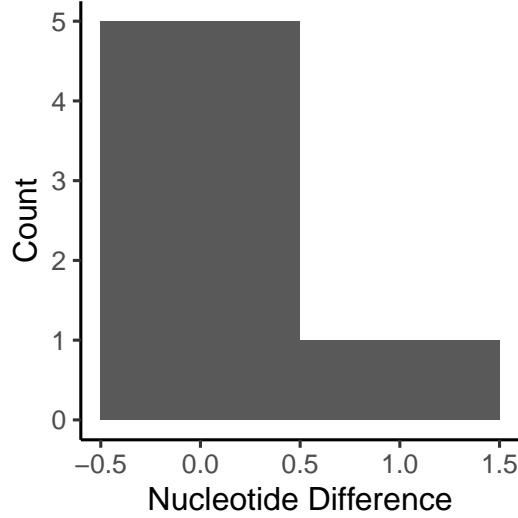
IGKV2-18*01

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



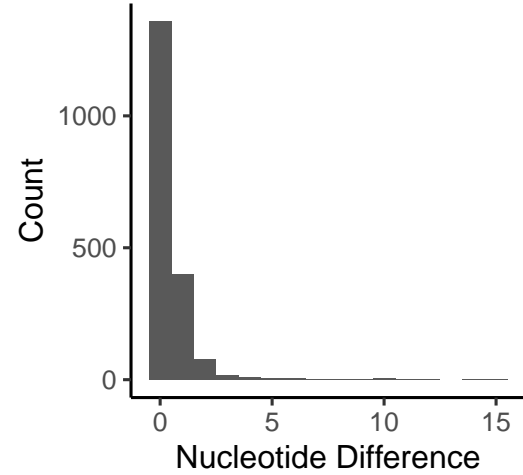
IGKV3/OR2-268*01

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



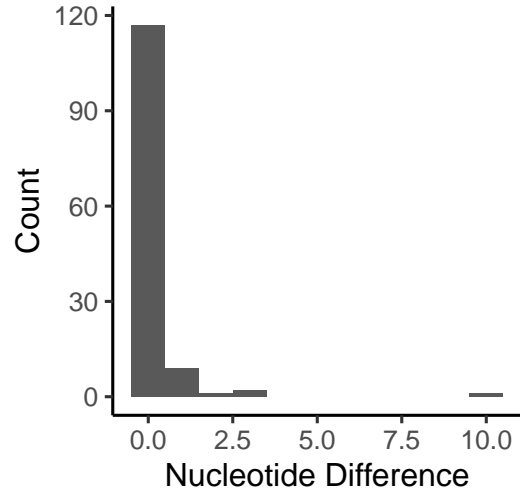
IGKV3-15*01

1887 sequences assigned
1358 (72%) exact matches, in which:
1002 unique CDR3
5 unique J



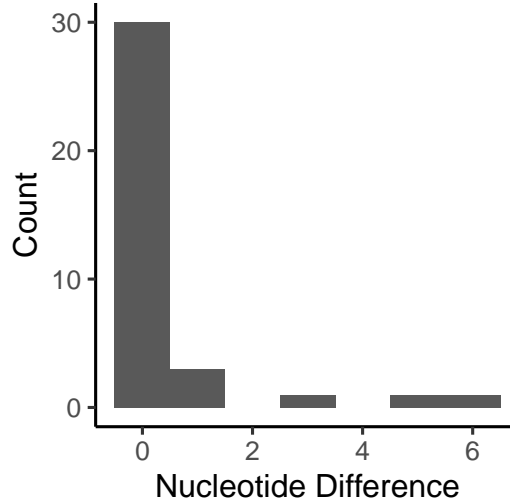
IGKV2-24*01

130 sequences assigned
117 (90%) exact matches, in which:
102 unique CDR3
5 unique J



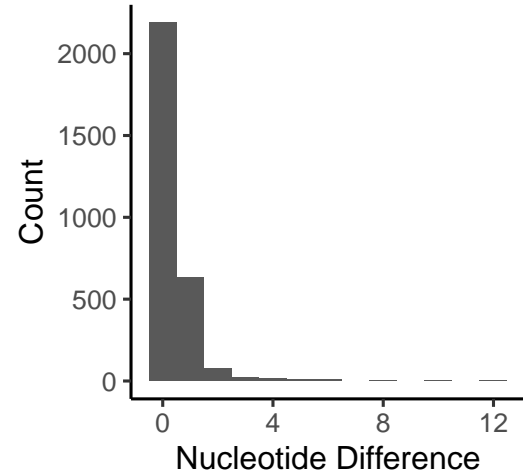
IGKV3-7*04

36 sequences assigned
30 (83.3%) exact matches, in which:
29 unique CDR3
5 unique J



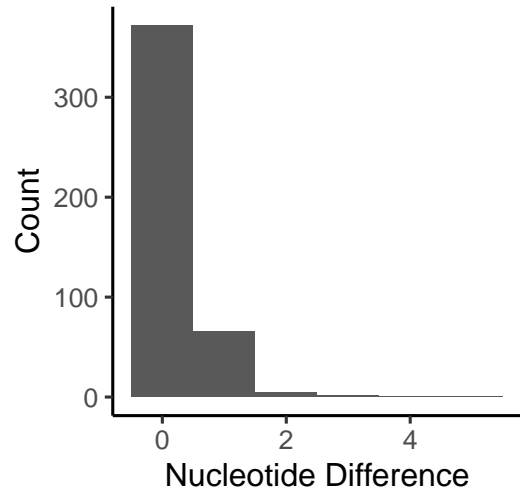
IGKV3-20*01

2962 sequences assigned
2189 (73.9%) exact matches, in which:
1580 unique CDR3
5 unique J



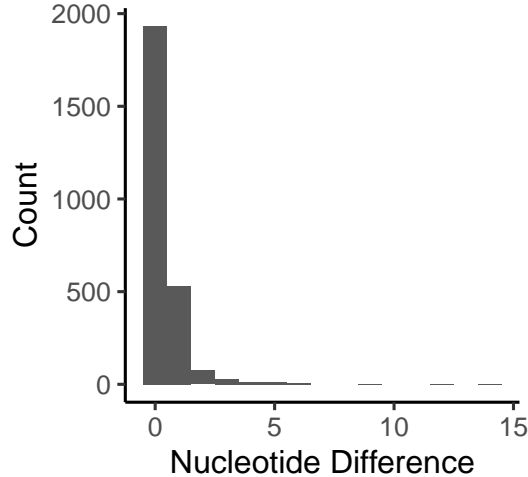
IGKV2-30*01

447 sequences assigned
372 (83.2%) exact matches, in which:
320 unique CDR3
5 unique J



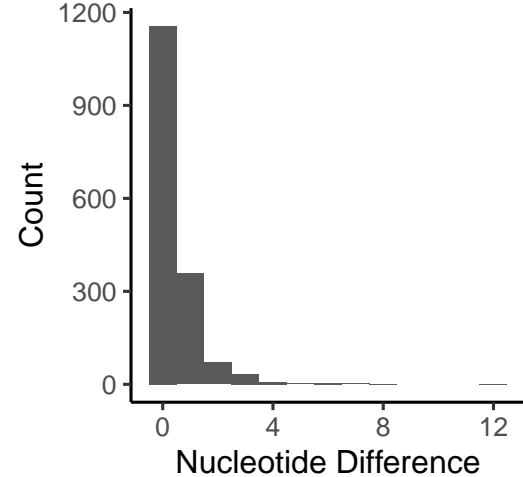
IGKV3-11*01

2600 sequences assigned
1933 (74.3%) exact matches, in which:
1295 unique CDR3
5 unique J



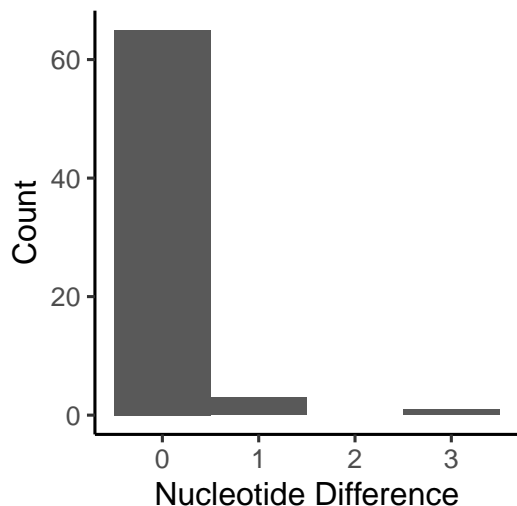
IGKV4-1*01

1640 sequences assigned
1156 (70.5%) exact matches, in which:
745 unique CDR3
5 unique J



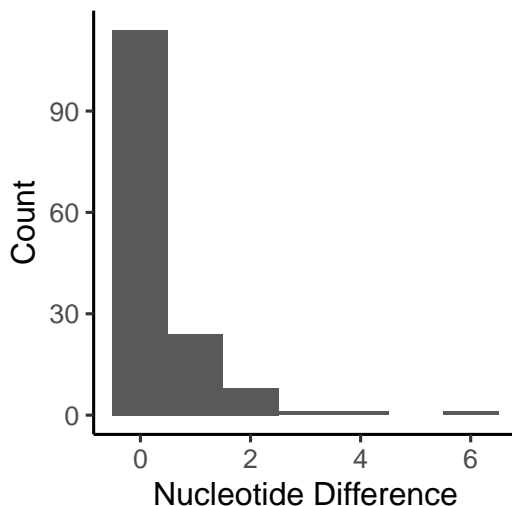
IGKV5-2*01

69 sequences assigned
65 (94.2%) exact matches, in which:
55 unique CDR3
4 unique J



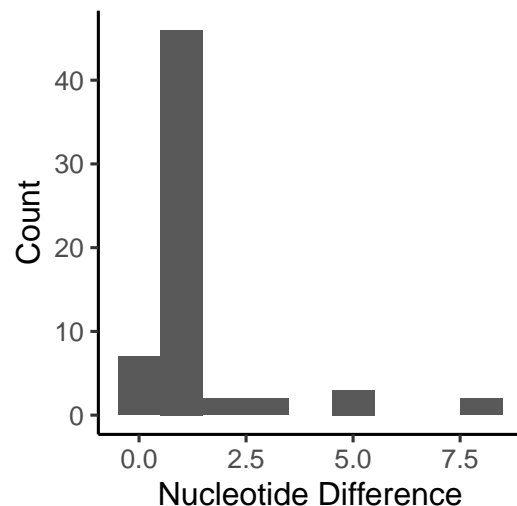
IGKV1D-8*01

149 sequences assigned
114 (76.5%) exact matches, in which:
73 unique CDR3
5 unique J



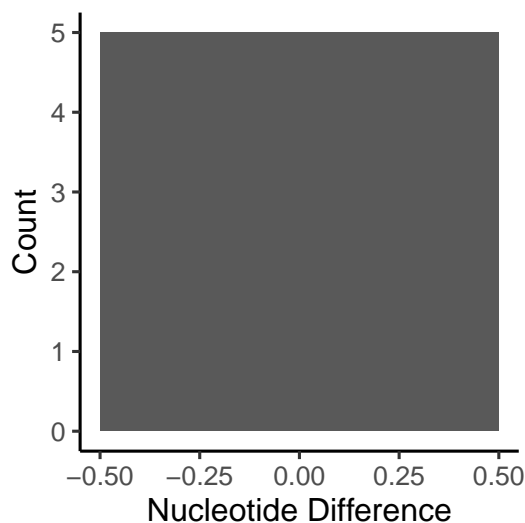
IGKV3D-15*01

62 sequences assigned
7 (11.3%) exact matches, in which:
7 unique CDR3
4 unique J



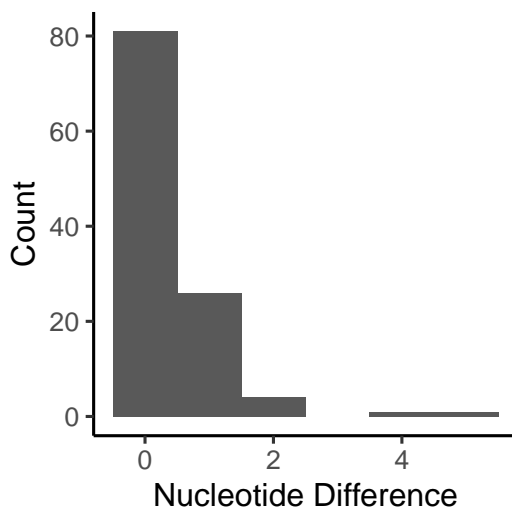
IGKV7-3*01

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



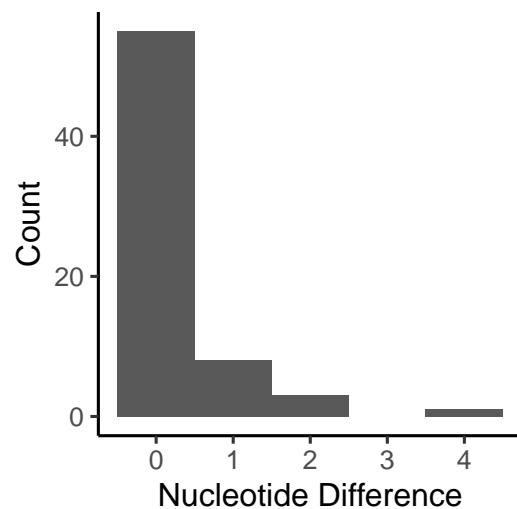
IGKV1D-8*02

113 sequences assigned
81 (71.7%) exact matches, in which:
57 unique CDR3
5 unique J



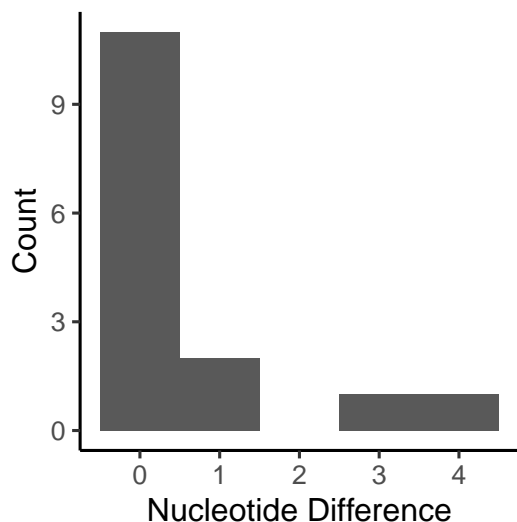
IGKV3D-15*03

67 sequences assigned
55 (82.1%) exact matches, in which:
48 unique CDR3
5 unique J



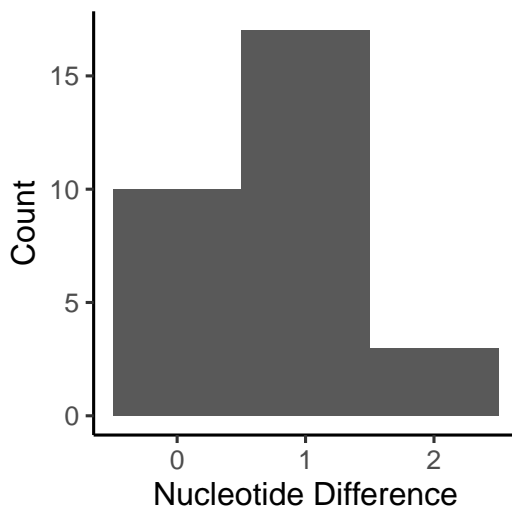
IGKV3D-7*01

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



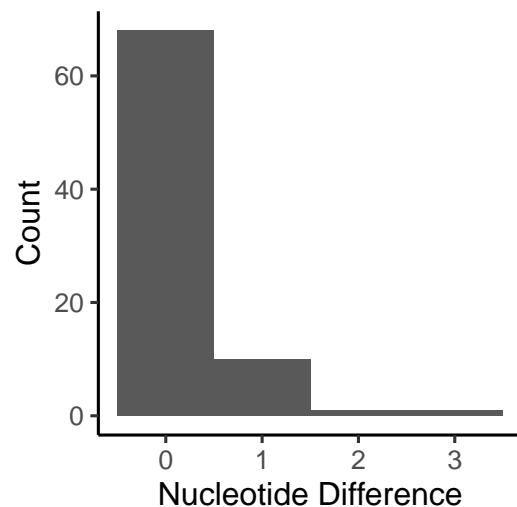
IGKV3D-11*02

30 sequences assigned
10 (33.3%) exact matches, in which:
9 unique CDR3
4 unique J



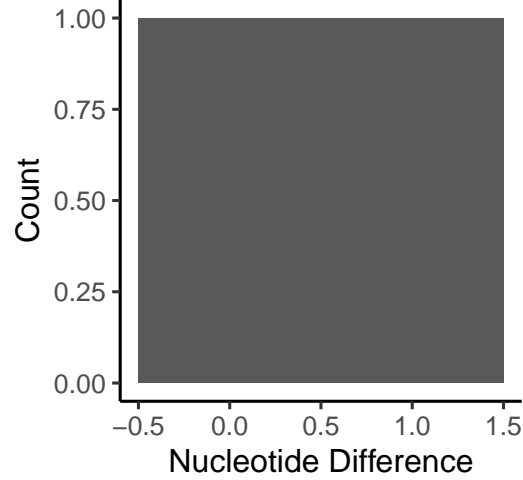
IGKV1D-16*01

80 sequences assigned
68 (85%) exact matches, in which:
56 unique CDR3
5 unique J



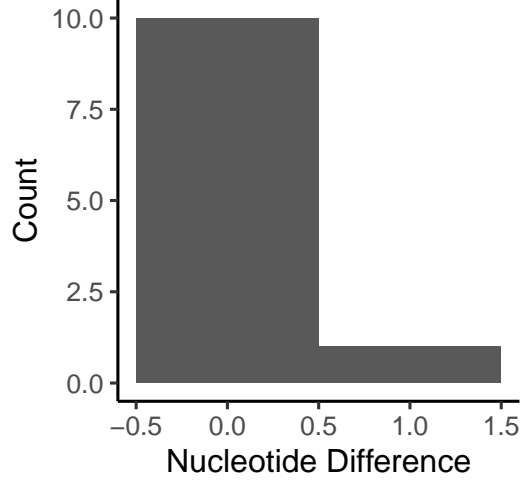
IGKV1D-17*01

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



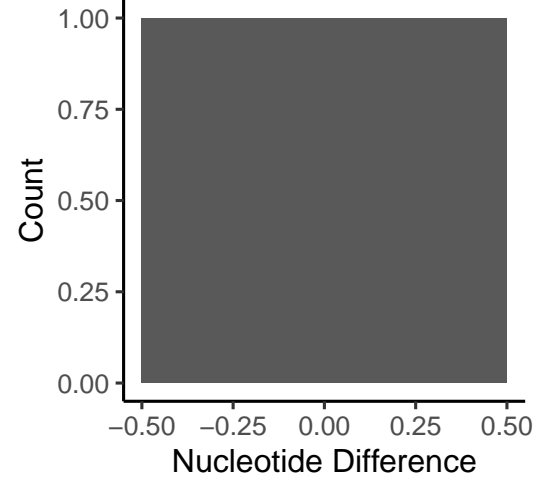
IGKV2D-26*03

11 sequences assigned
10 (90.9%) exact matches, in which:
9 unique CDR3
5 unique J



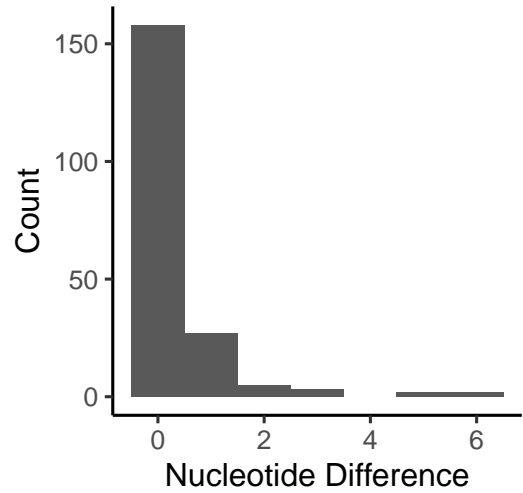
IGKV6D-41*01

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



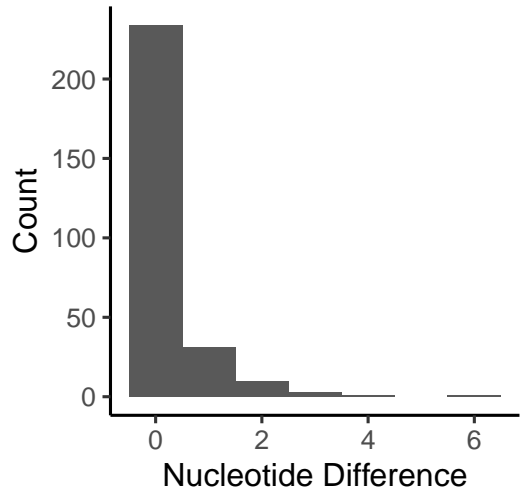
IGKV3D-20*01

197 sequences assigned
158 (80.2%) exact matches, in which:
136 unique CDR3
5 unique J



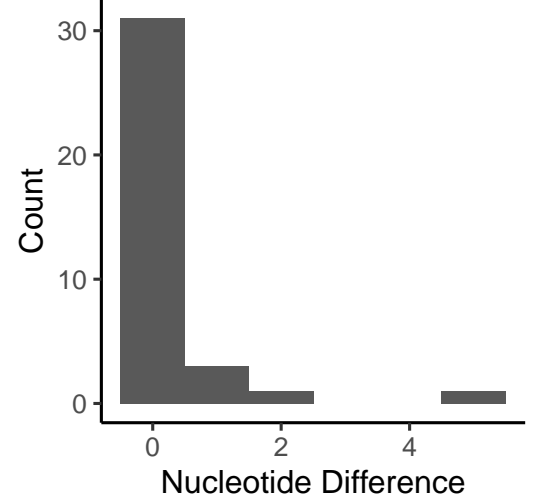
IGKV2D-29*01

280 sequences assigned
234 (83.6%) exact matches, in which:
196 unique CDR3
5 unique J



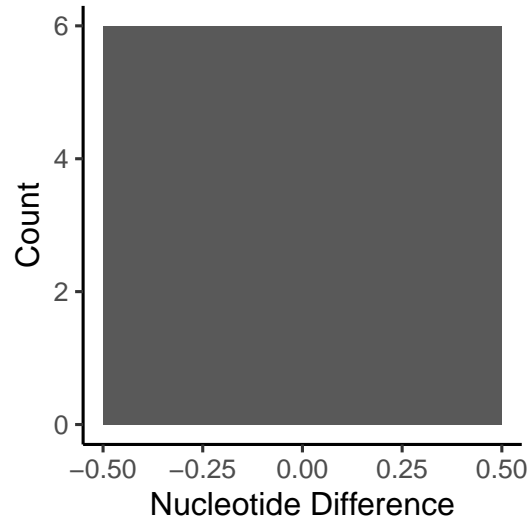
IGKV1D-43*01

36 sequences assigned
31 (86.1%) exact matches, in which:
28 unique CDR3
5 unique J



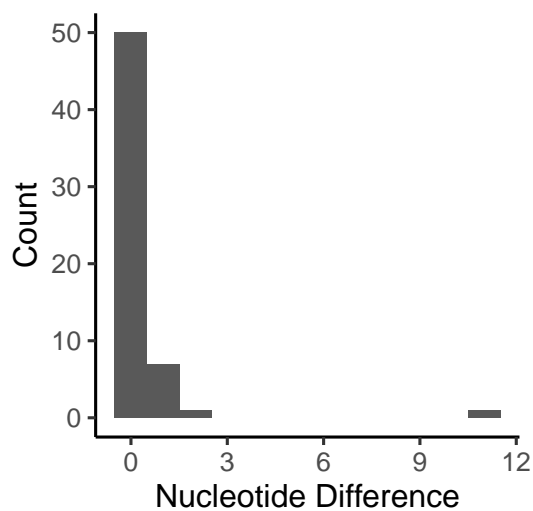
IGKV2D-24*01

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



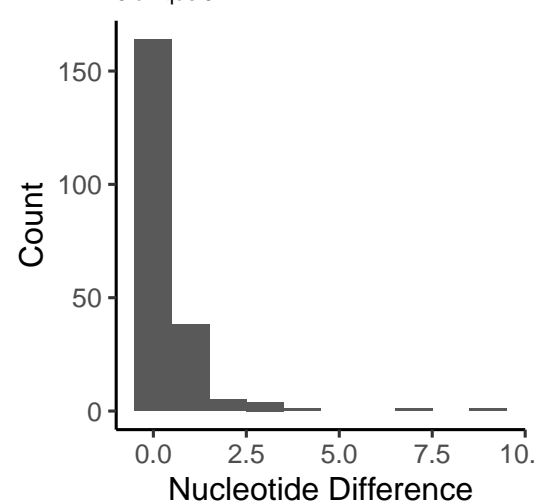
IGKV2D-30*01

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



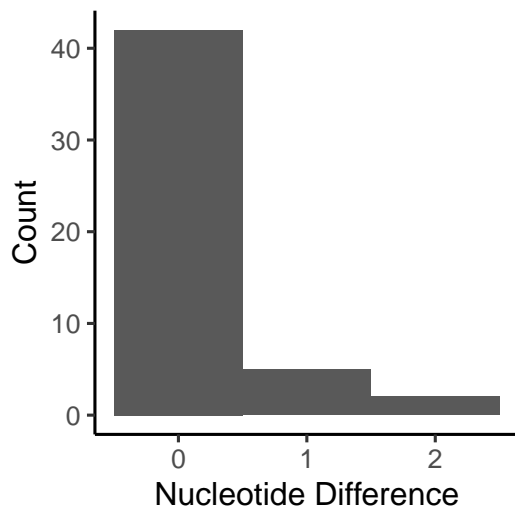
IGKV1E-12*01

214 sequences assigned
164 (76.6%) exact matches, in which:
111 unique CDR3
5 unique J



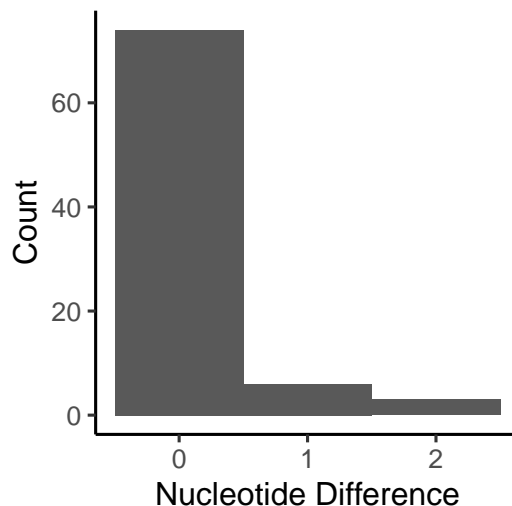
IGKV1E-12*02

49 sequences assigned
42 (85.7%) exact matches, in which:
29 unique CDR3
5 unique J



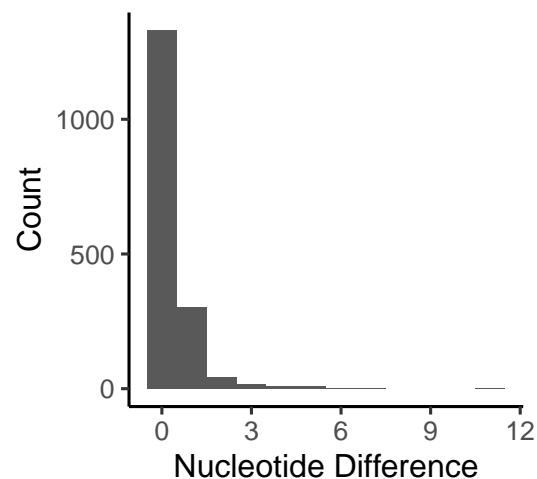
IGKV6E-21*01

83 sequences assigned
74 (89.2%) exact matches, in which:
56 unique CDR3
5 unique J



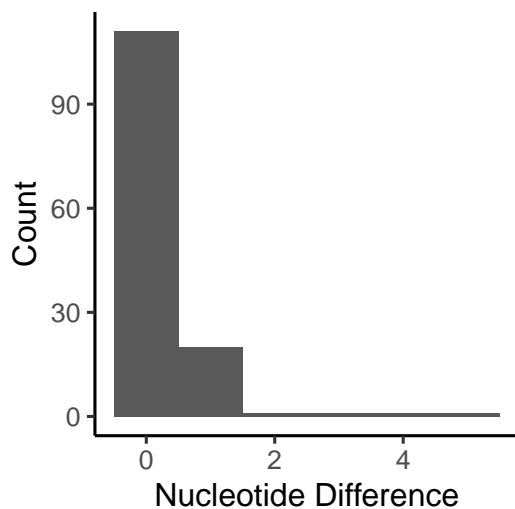
IGKV1E-33*01

1715 sequences assigned
1330 (77.6%) exact matches, in which:
917 unique CDR3
5 unique J



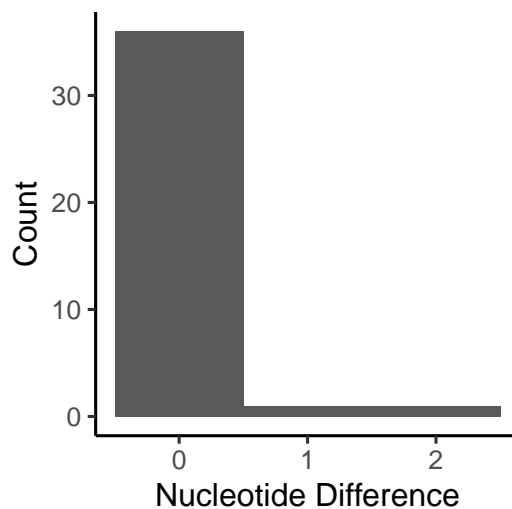
IGKV1E-12*03

135 sequences assigned
111 (82.2%) exact matches, in which:
85 unique CDR3
5 unique J



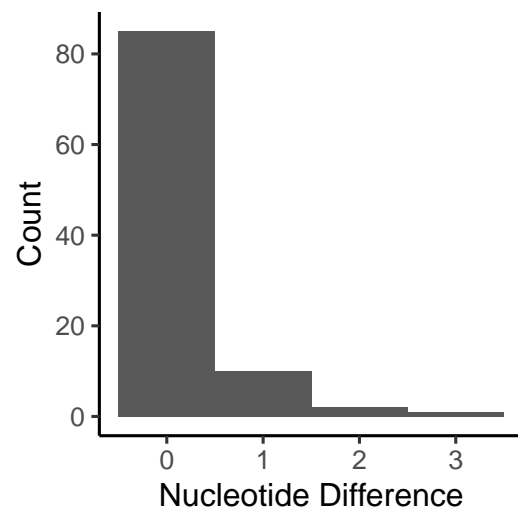
IGKV6E-21*03

38 sequences assigned
36 (94.7%) exact matches, in which:
28 unique CDR3
5 unique J



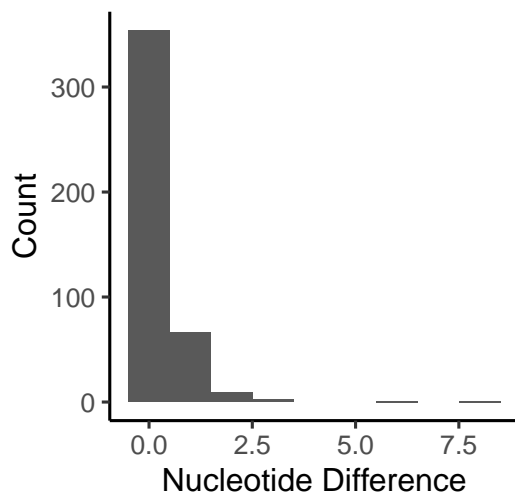
IGKV1E-37*01

98 sequences assigned
85 (86.7%) exact matches, in which:
73 unique CDR3
5 unique J



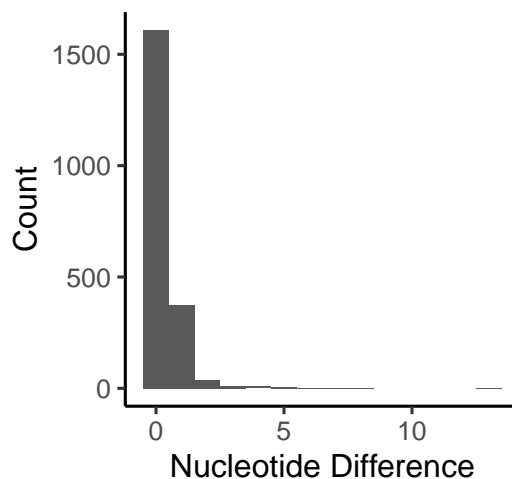
IGKV1E-13*02

433 sequences assigned
354 (81.8%) exact matches, in which:
262 unique CDR3
5 unique J



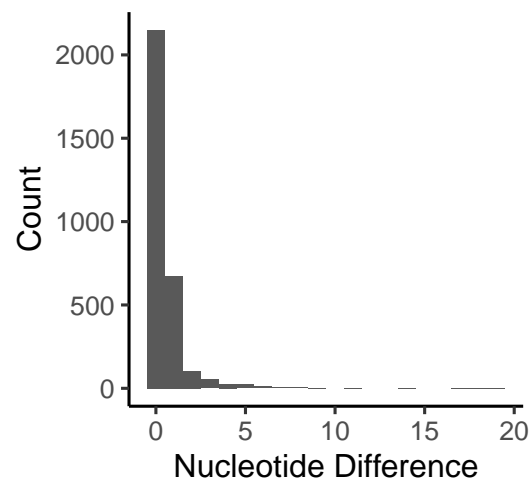
IGKV2E-28*01

2050 sequences assigned
1609 (78.5%) exact matches, in which:
1090 unique CDR3
5 unique J



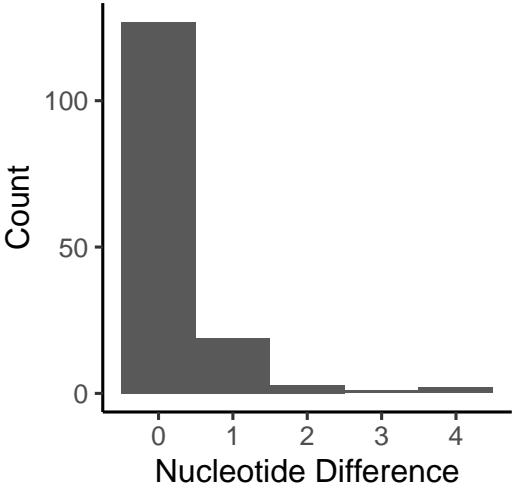
IGKV1E-39*01

3051 sequences assigned
2149 (70.4%) exact matches, in which:
1422 unique CDR3
5 unique J



IGKV2E-40*01

152 sequences assigned
127 (83.6%) exact matches, in which:
91 unique CDR3
5 unique J





Warning – no inferred sequences found.