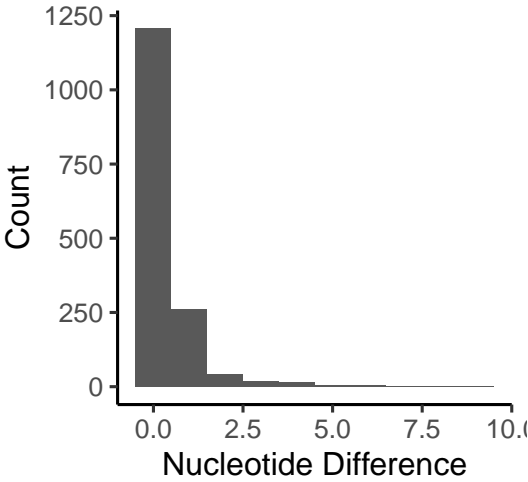


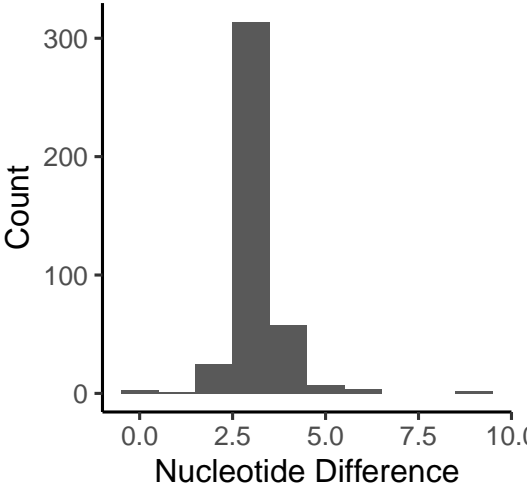
IGKV1-5*03_G171A

1562 sequences assigned
1207 (77.3%) exact matches, in which:
912 unique CDR3
5 unique J



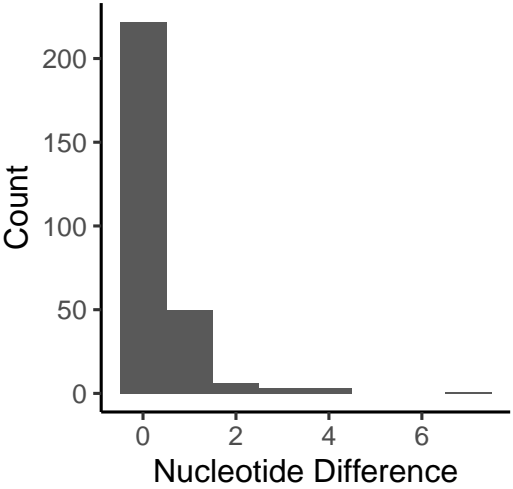
IGKV1-9*01

414 sequences assigned
3 (0.7%) exact matches, in which:
3 unique CDR3
1 unique J



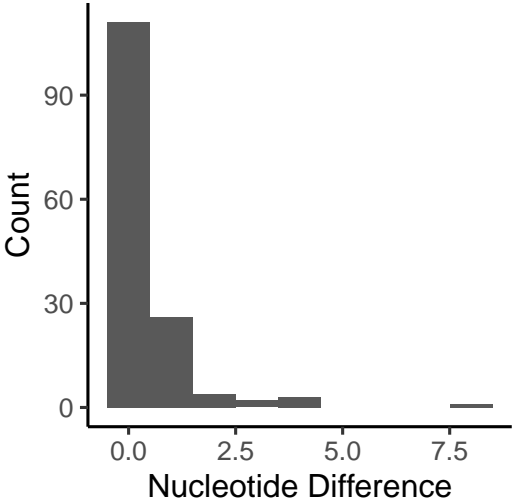
IGKV1-27*01_T231C

285 sequences assigned
222 (77.9%) exact matches, in which:
172 unique CDR3
5 unique J



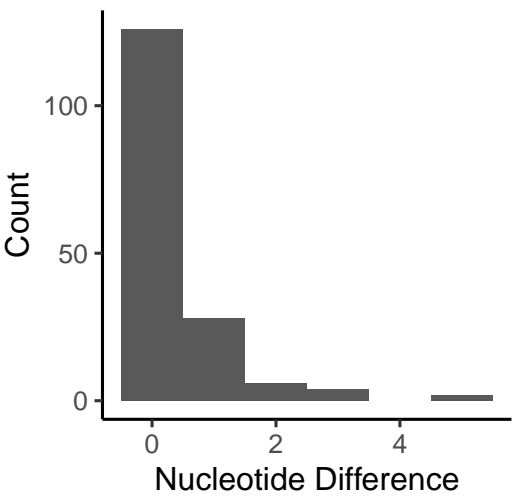
IGKV1-6*01

147 sequences assigned
111 (75.5%) exact matches, in which:
77 unique CDR3
5 unique J



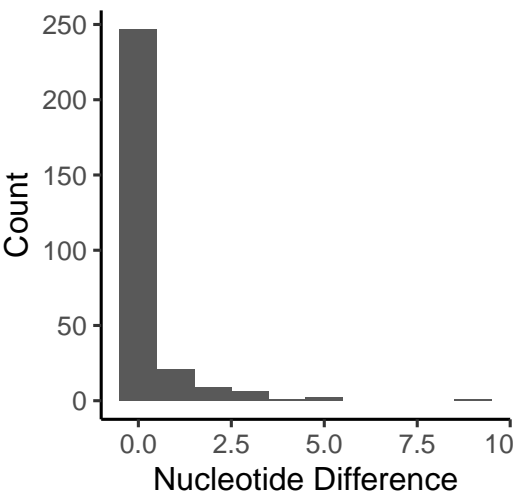
IGKV1-16*02

166 sequences assigned
126 (75.9%) exact matches, in which:
100 unique CDR3
5 unique J



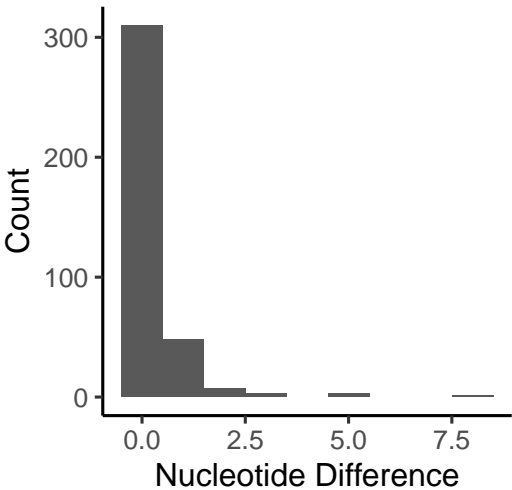
IGKV1-NL1*01

288 sequences assigned
247 (85.8%) exact matches, in which:
192 unique CDR3
5 unique J



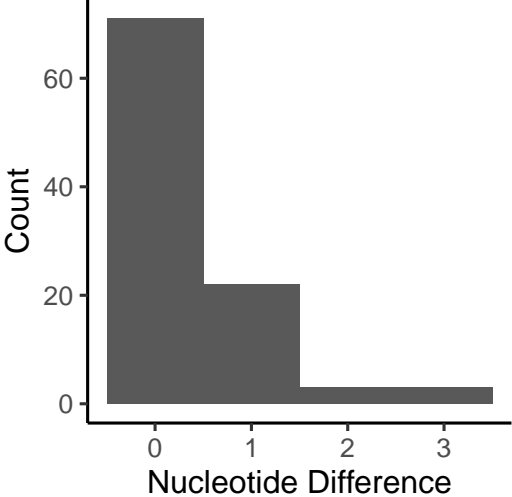
IGKV1-8*01_G12A_T31C

372 sequences assigned
310 (83.3%) exact matches, in which:
232 unique CDR3
5 unique J



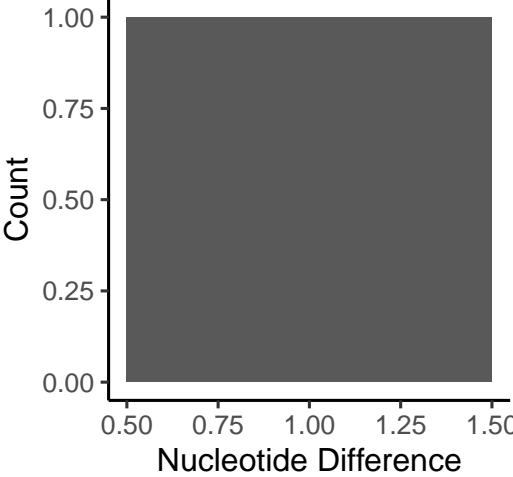
IGKV1-17*03

99 sequences assigned
71 (71.7%) exact matches, in which:
61 unique CDR3
5 unique J



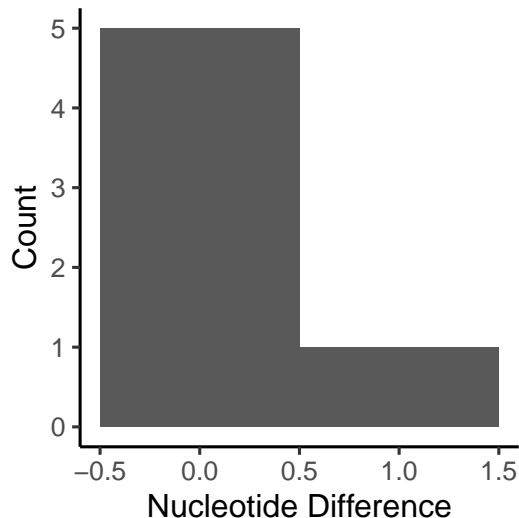
IGKV1/OR2-1*01

1 sequences assigned
No exact matches.



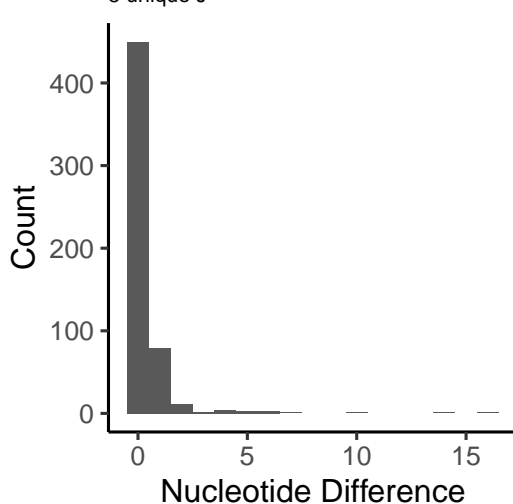
IGKV2/OR22-4*01

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



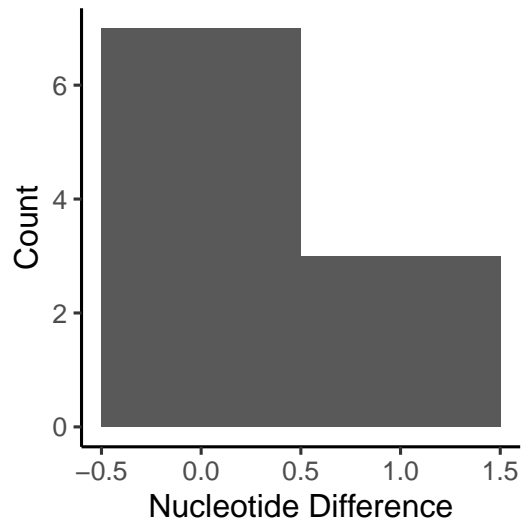
IGKV2-29*02

556 sequences assigned
450 (80.9%) exact matches, in which:
380 unique CDR3
5 unique J



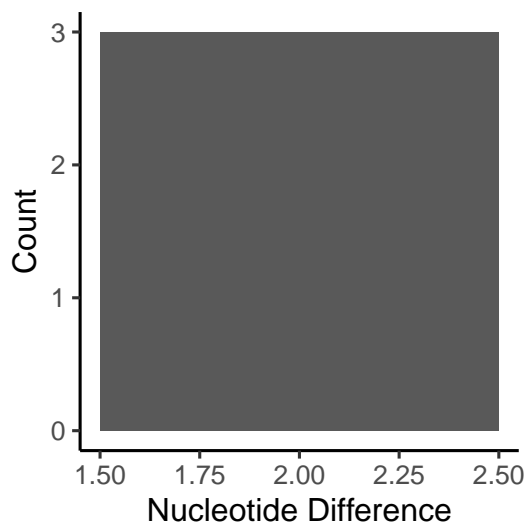
IGKV3/OR2-268*01

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



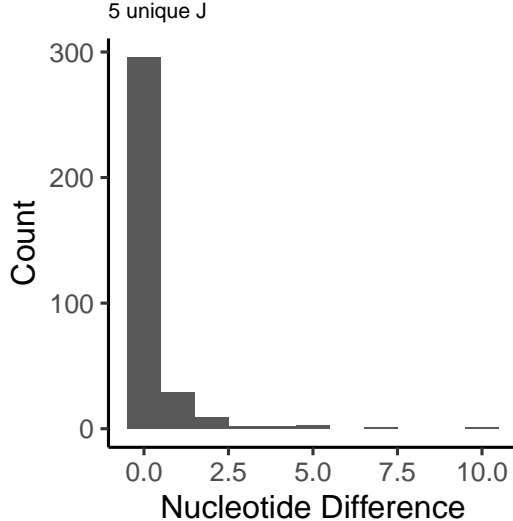
IGKV2-18*01

3 sequences assigned
No exact matches.



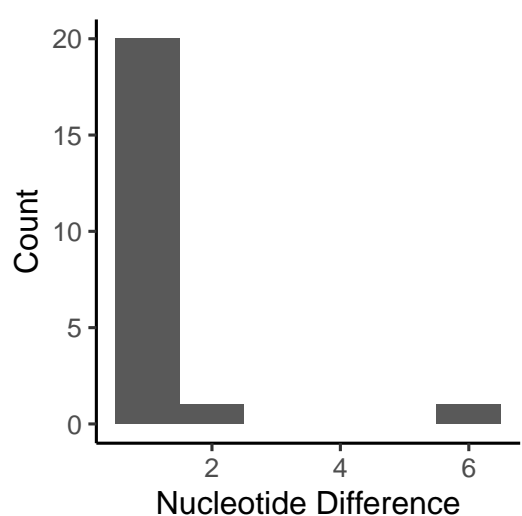
IGKV2-30*02

343 sequences assigned
296 (86.3%) exact matches, in which:
254 unique CDR3
5 unique J



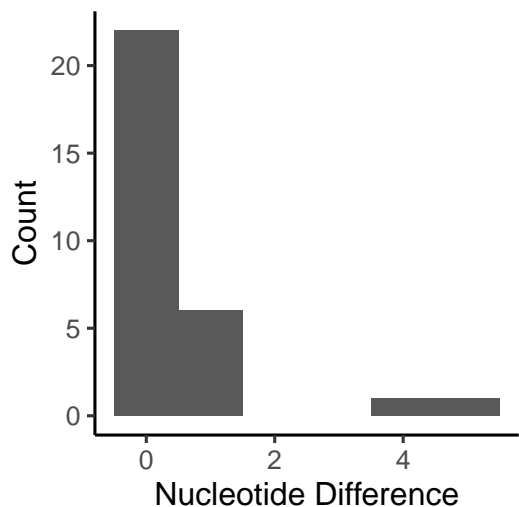
IGKV3-7*04

22 sequences assigned
No exact matches.



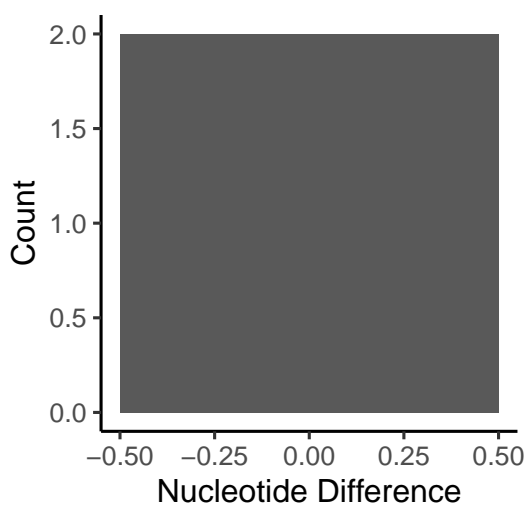
IGKV2-24*01_T314C

30 sequences assigned
22 (73.3%) exact matches, in which:
22 unique CDR3
4 unique J



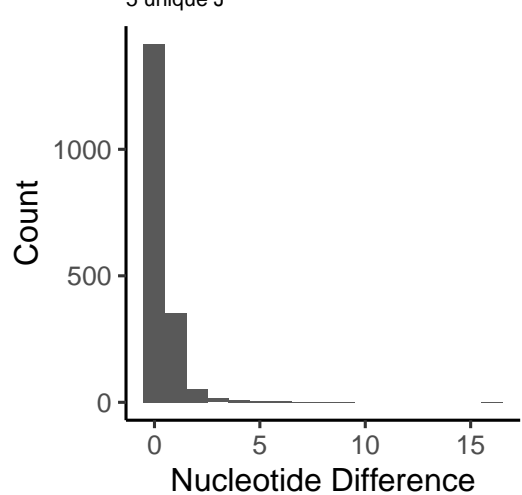
IGKV1/OR2-108*01

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



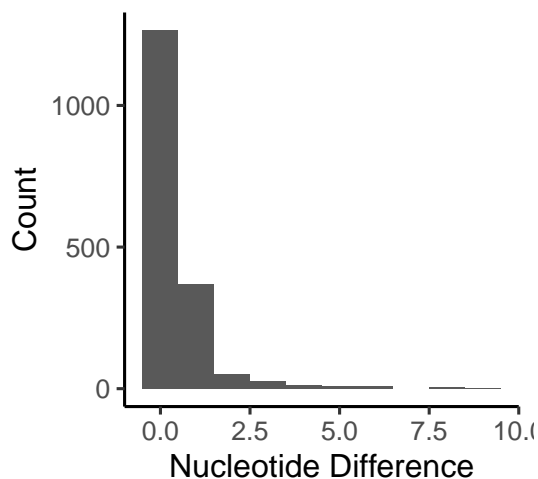
IGKV3-11*01

1859 sequences assigned
1416 (76.2%) exact matches, in which:
1065 unique CDR3
5 unique J



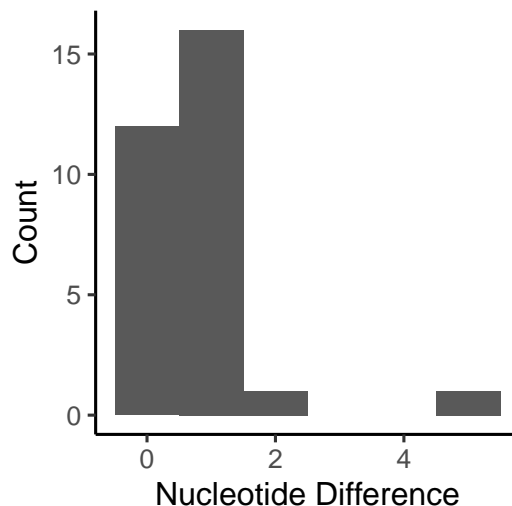
IGKV3–15*01

1751 sequences assigned
1265 (72.2%) exact matches, in which:
957 unique CDR3
5 unique J



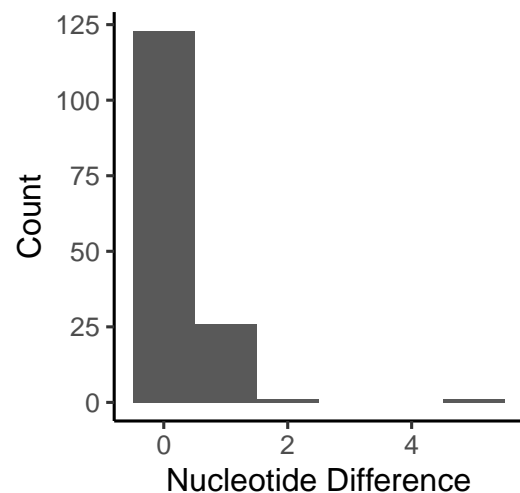
IGKV5–2*01_C214T

30 sequences assigned
12 (40%) exact matches, in which:
11 unique CDR3
2 unique J



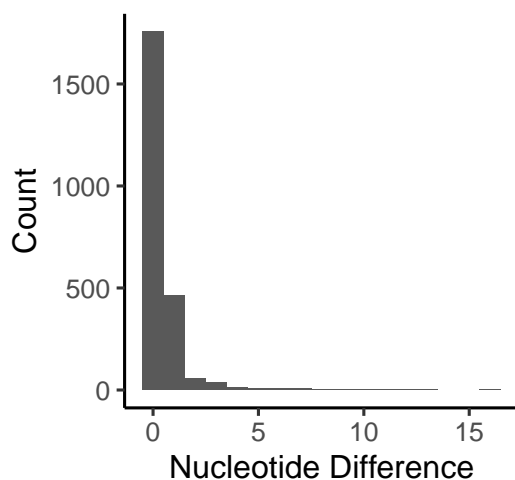
IGKV1D–8*01

151 sequences assigned
123 (81.5%) exact matches, in which:
80 unique CDR3
5 unique J



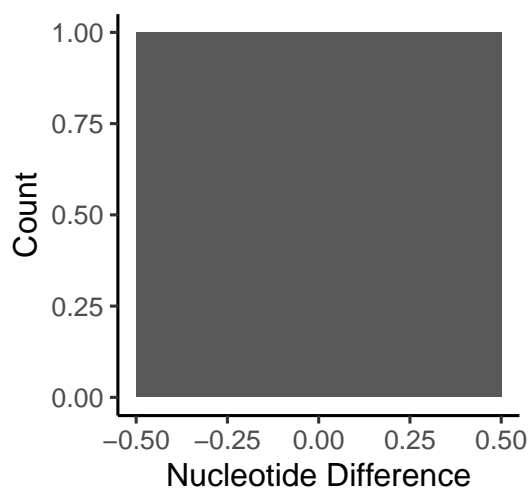
IGKV3–20*01

2356 sequences assigned
1756 (74.5%) exact matches, in which:
1363 unique CDR3
5 unique J



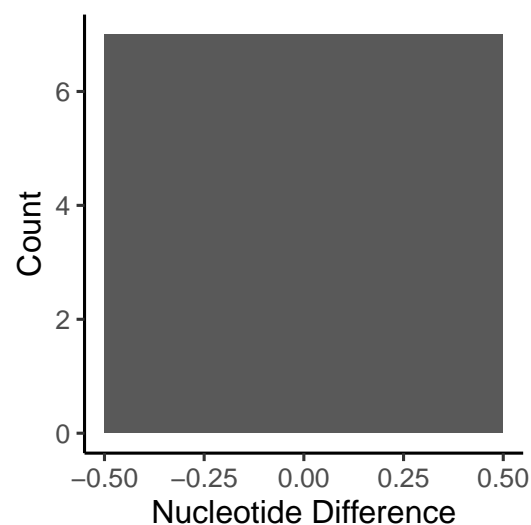
IGKV1/OR15–118*01

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



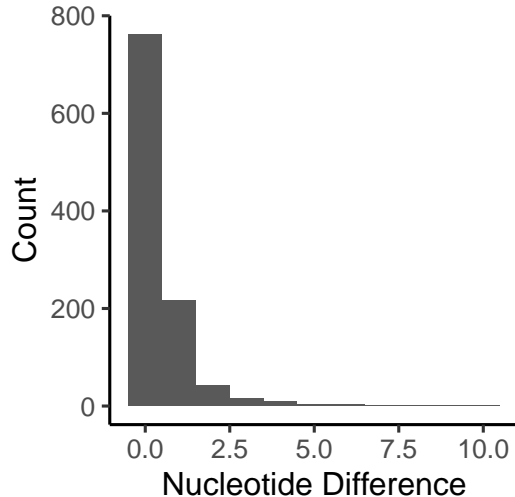
IGKV3D–11*01

7 sequences assigned
7 (100%) exact matches, in which:
7 unique CDR3
4 unique J



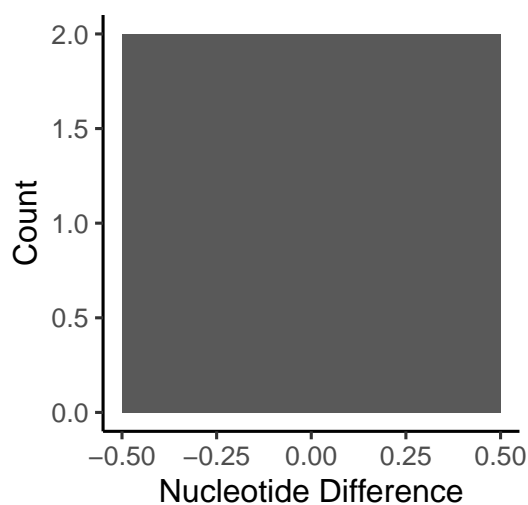
IGKV4–1*01

1057 sequences assigned
762 (72.1%) exact matches, in which:
553 unique CDR3
5 unique J



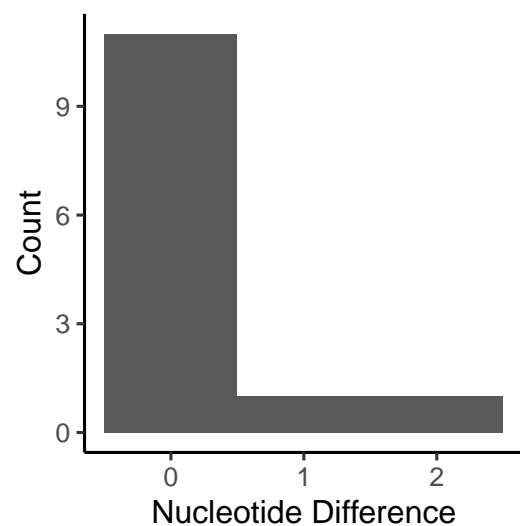
IGKV3D–7*01

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



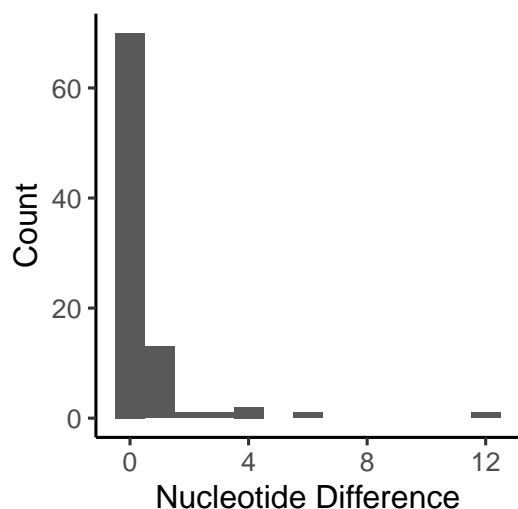
IGKV3D–11*02

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



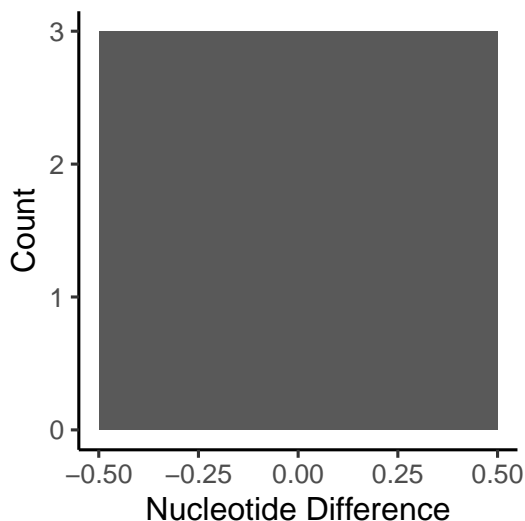
IGKV3D-15*01

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



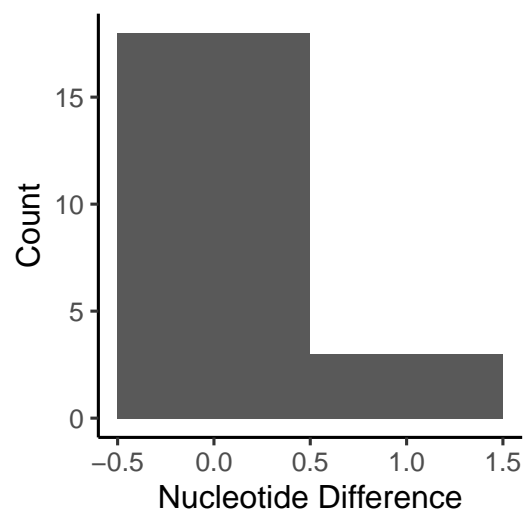
IGKV2D-24*01

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



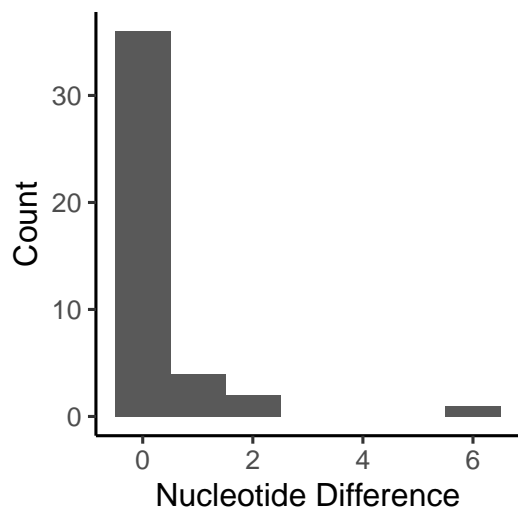
IGKV2D-30*01

21 sequences assigned
18 (85.7%) exact matches, in which:
18 unique CDR3
5 unique J



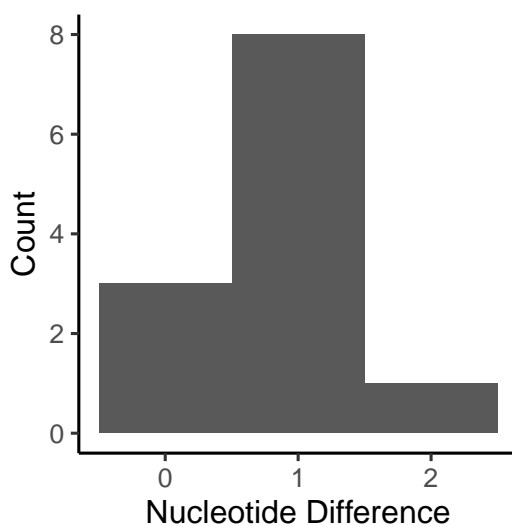
IGKV1D-16*01

43 sequences assigned
36 (83.7%) exact matches, in which:
31 unique CDR3
5 unique J



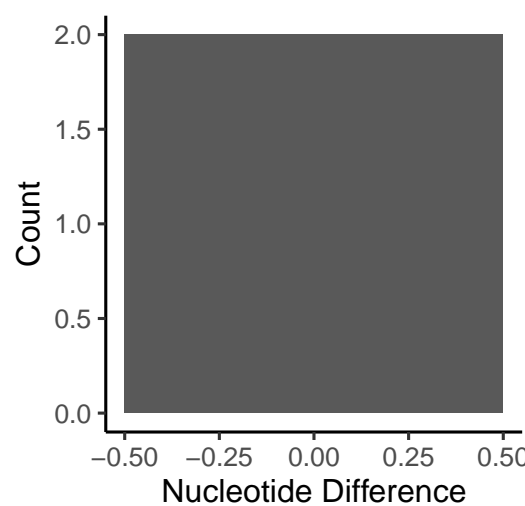
IGKV2D-26*03

12 sequences assigned
3 (25%) exact matches, in which:
3 unique CDR3
1 unique J



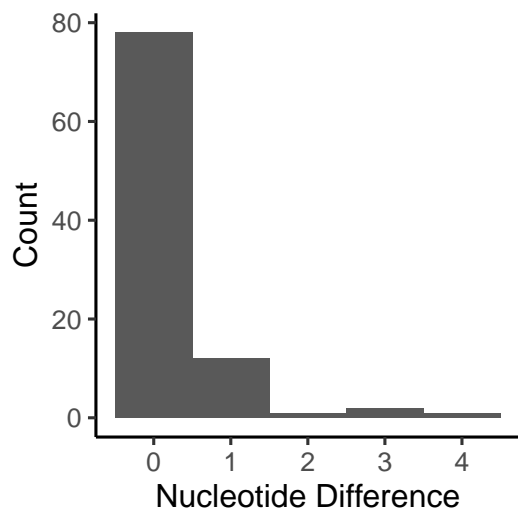
IGKV6D-41*01

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



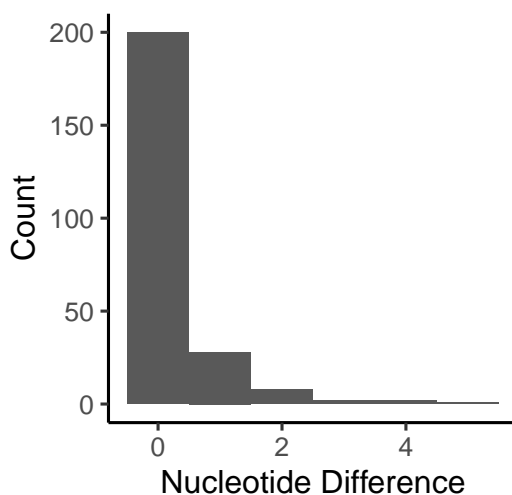
IGKV3D-20*01

94 sequences assigned
78 (83%) exact matches, in which:
69 unique CDR3
5 unique J



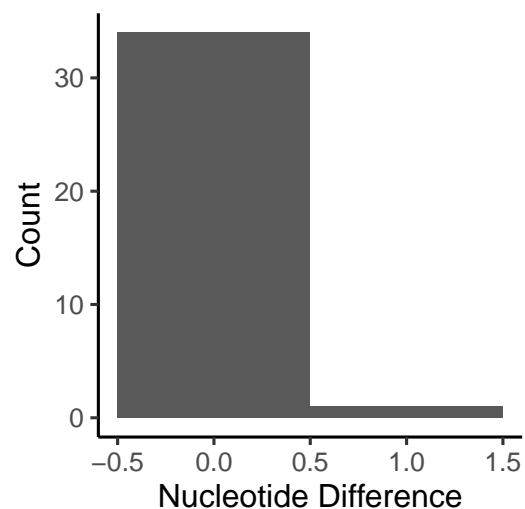
IGKV2D-29*02

241 sequences assigned
200 (83%) exact matches, in which:
164 unique CDR3
5 unique J



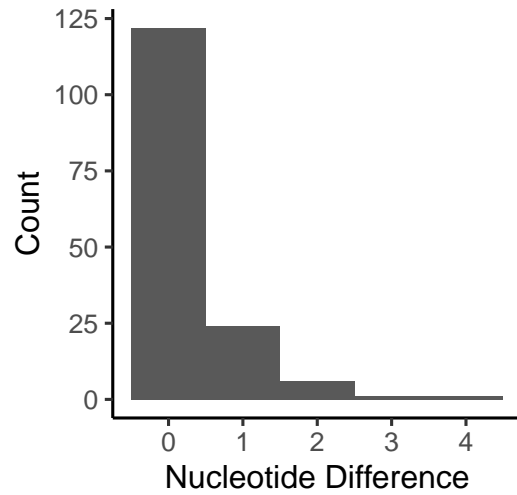
IGKV1D-43*01

35 sequences assigned
34 (97.1%) exact matches, in which:
30 unique CDR3
5 unique J



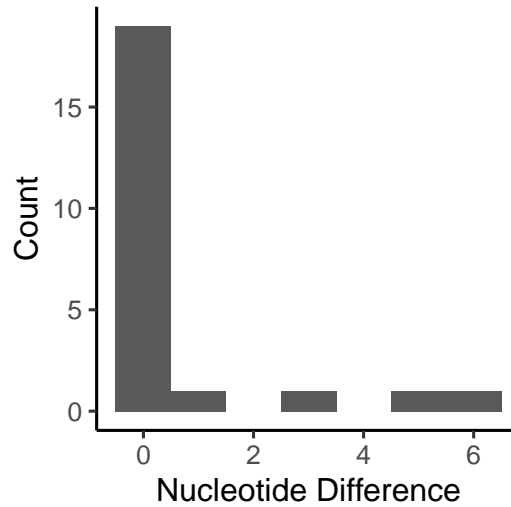
IGKV1E-12*01

154 sequences assigned
122 (79.2%) exact matches, in which:
82 unique CDR3
5 unique J



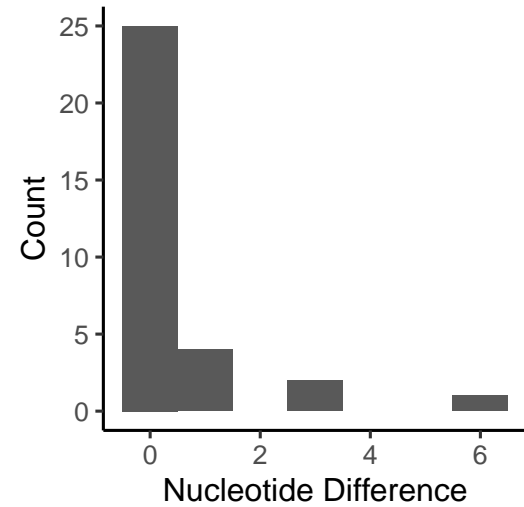
IGKV1E-13*02

23 sequences assigned
19 (82.6%) exact matches, in which:
15 unique CDR3
5 unique J



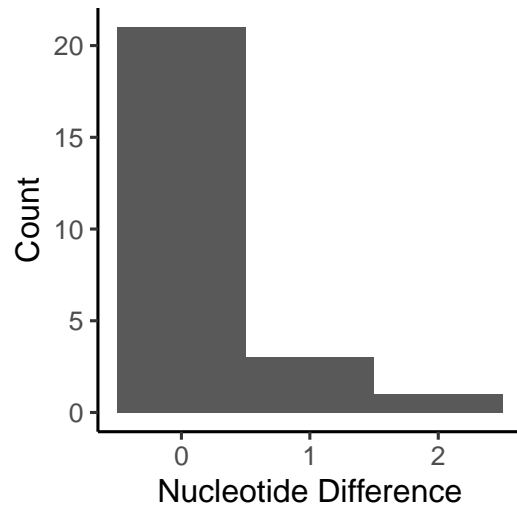
IGKV6E-21*03

32 sequences assigned
25 (78.1%) exact matches, in which:
24 unique CDR3
5 unique J



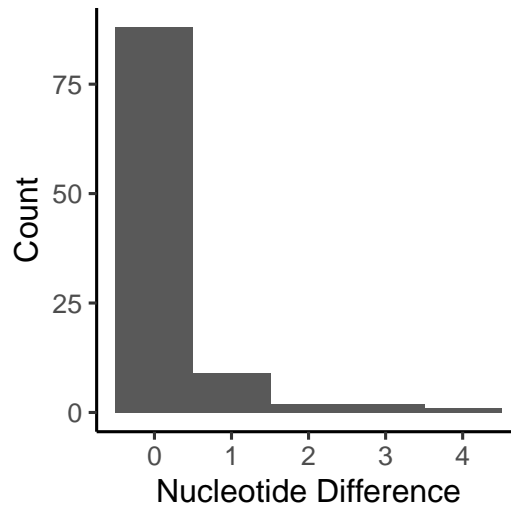
IGKV1E-12*02

25 sequences assigned
21 (84%) exact matches, in which:
19 unique CDR3
5 unique J



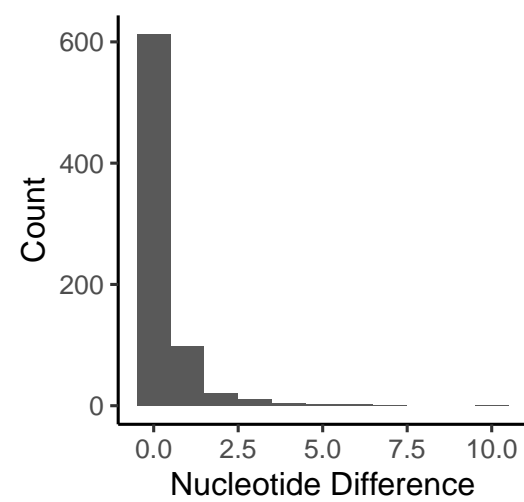
IGKV1E-13*03

102 sequences assigned
88 (86.3%) exact matches, in which:
75 unique CDR3
5 unique J



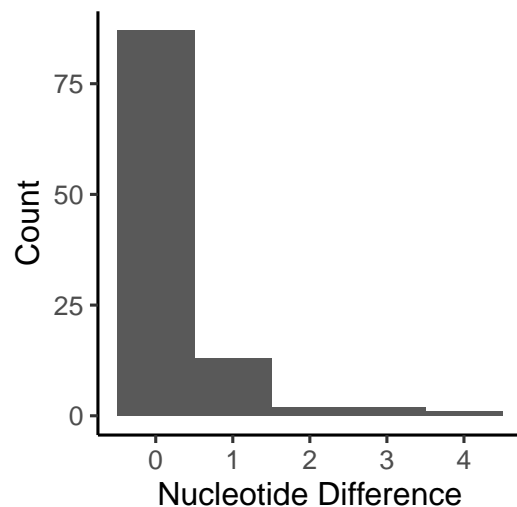
IGKV2E-28*01

753 sequences assigned
613 (81.4%) exact matches, in which:
504 unique CDR3
5 unique J



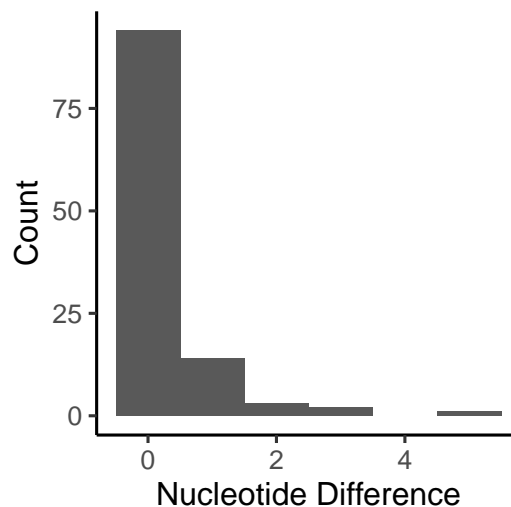
IGKV1E-12*03

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



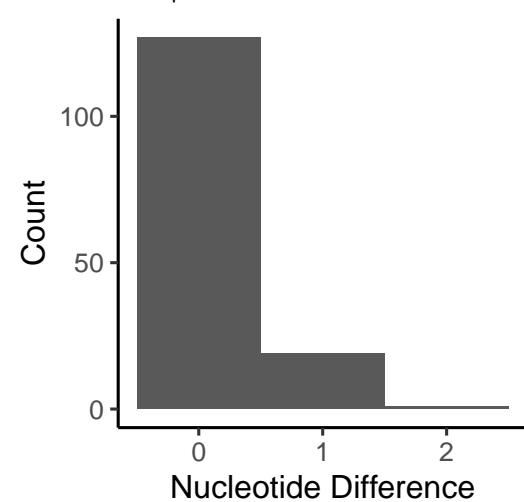
IGKV6E-21*02

114 sequences assigned
94 (82.5%) exact matches, in which:
79 unique CDR3
5 unique J



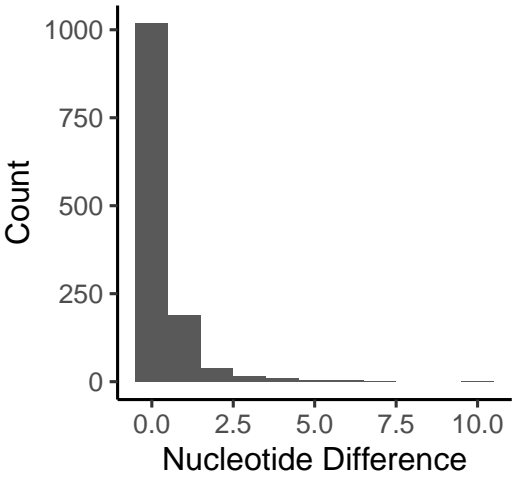
IGKV2E-28*01_G90C

147 sequences assigned
127 (86.4%) exact matches, in which:
111 unique CDR3
5 unique J



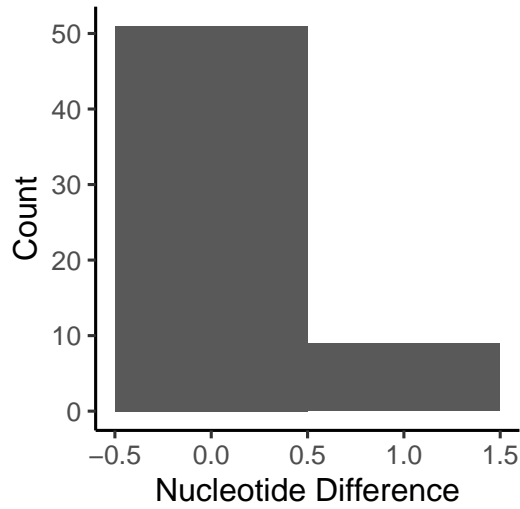
IGKV1E-33*01

1278 sequences assigned
1018 (79.7%) exact matches, in which:
740 unique CDR3
5 unique J



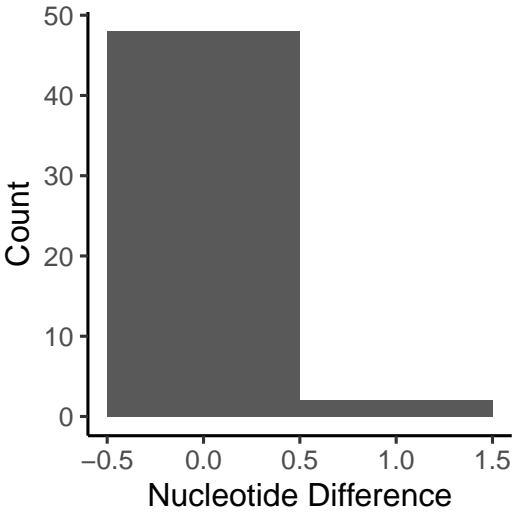
IGKV2E-40*01

60 sequences assigned
51 (85%) exact matches, in which:
43 unique CDR3
5 unique J



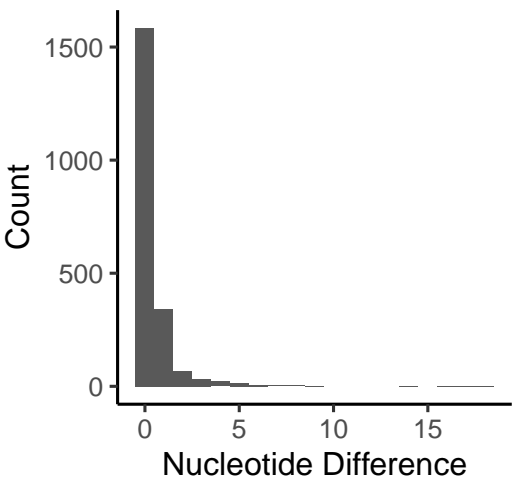
IGKV1E-37*01

50 sequences assigned
48 (96%) exact matches, in which:
46 unique CDR3
5 unique J



IGKV1E-39*01

2084 sequences assigned
1584 (76%) exact matches, in which:
1139 unique CDR3
5 unique J





Warning – no inferred sequences found.