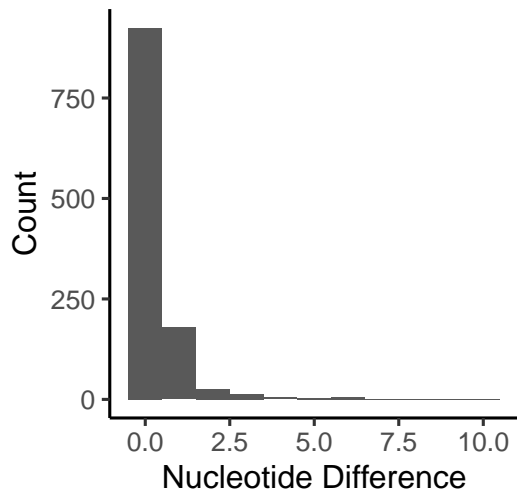


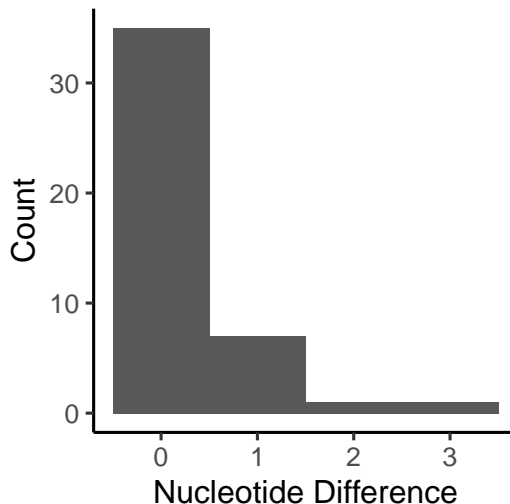
IGKV1-5*01

1162 sequences assigned
925 (79.6%) exact matches, in which:
746 unique CDR3
5 unique J



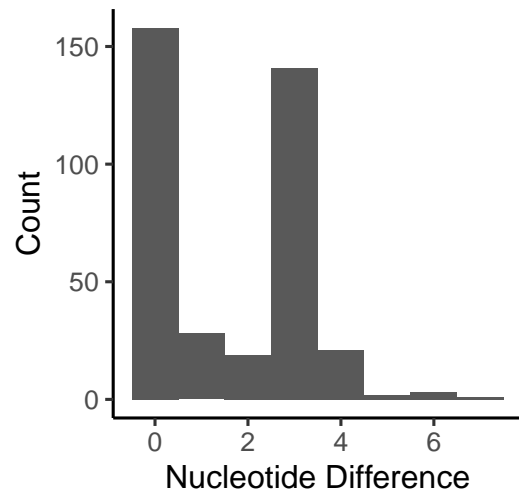
IGKV1-6*01_G9A

44 sequences assigned
35 (79.5%) exact matches, in which:
32 unique CDR3
5 unique J



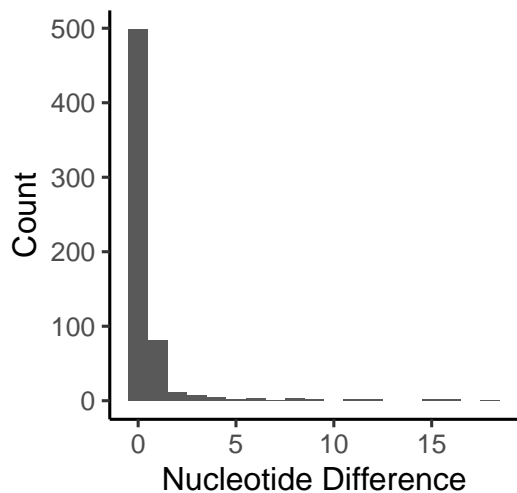
IGKV1-9*01

373 sequences assigned
158 (42.4%) exact matches, in which:
138 unique CDR3
5 unique J



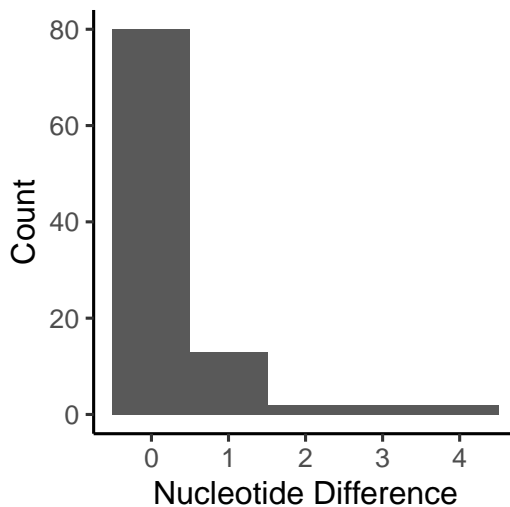
IGKV1-5*03

625 sequences assigned
499 (79.8%) exact matches, in which:
427 unique CDR3
5 unique J



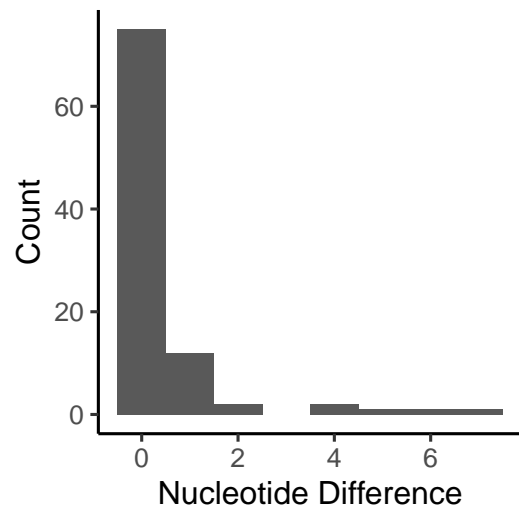
IGKV1-8*01

99 sequences assigned
80 (80.8%) exact matches, in which:
65 unique CDR3
5 unique J



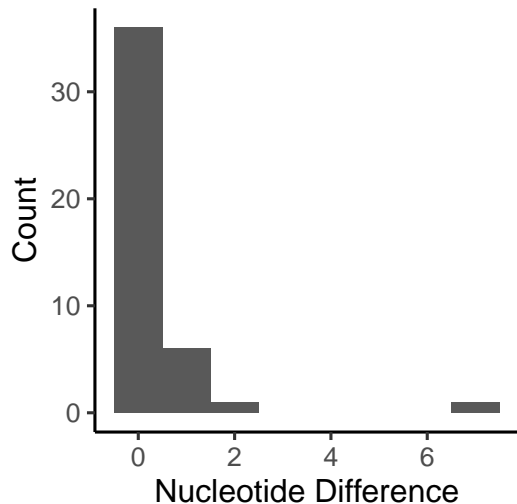
IGKV1-16*02

94 sequences assigned
75 (79.8%) exact matches, in which:
61 unique CDR3
5 unique J



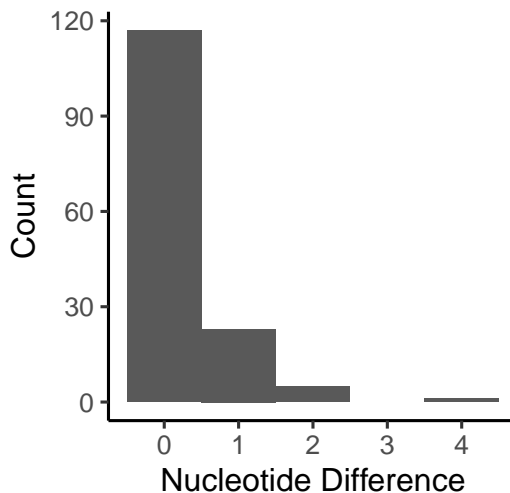
IGKV1-6*01

44 sequences assigned
36 (81.8%) exact matches, in which:
33 unique CDR3
5 unique J



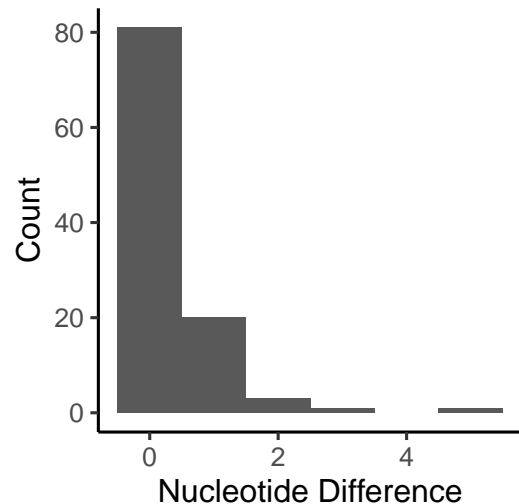
IGKV1-8*01_T31C

146 sequences assigned
117 (80.1%) exact matches, in which:
99 unique CDR3
5 unique J



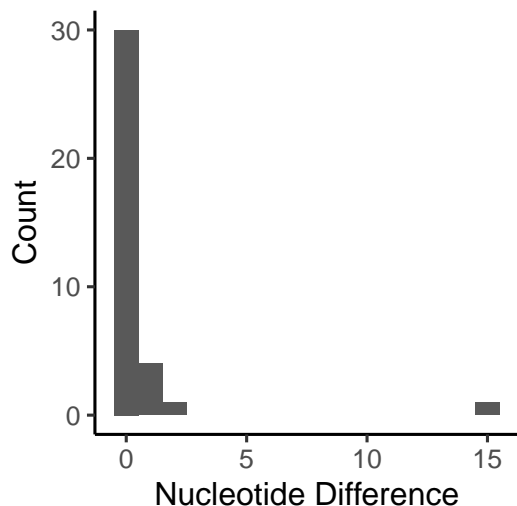
IGKV1-17*01

106 sequences assigned
81 (76.4%) exact matches, in which:
69 unique CDR3
5 unique J



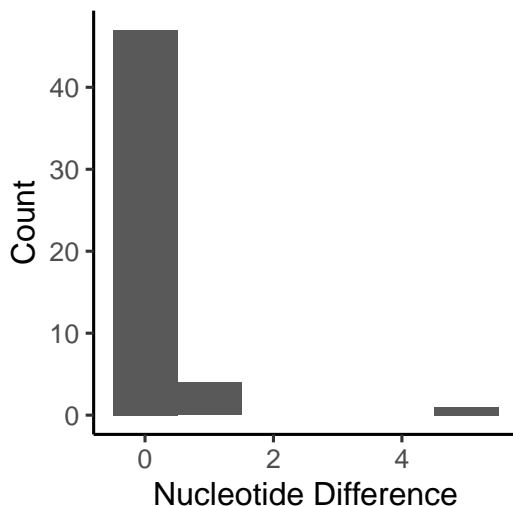
IGKV1-17*03

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



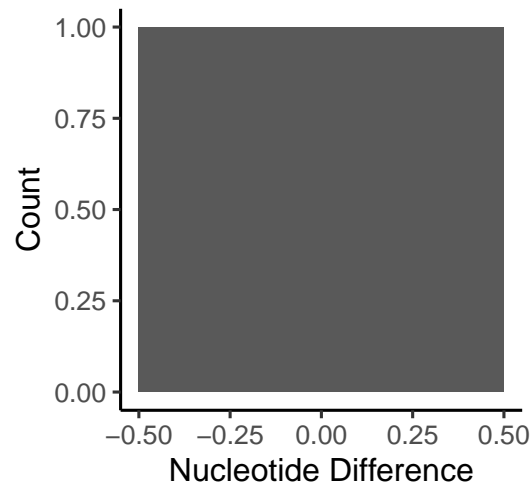
IGKV2-24*01

52 sequences assigned
47 (90.4%) exact matches, in which:
44 unique CDR3
5 unique J



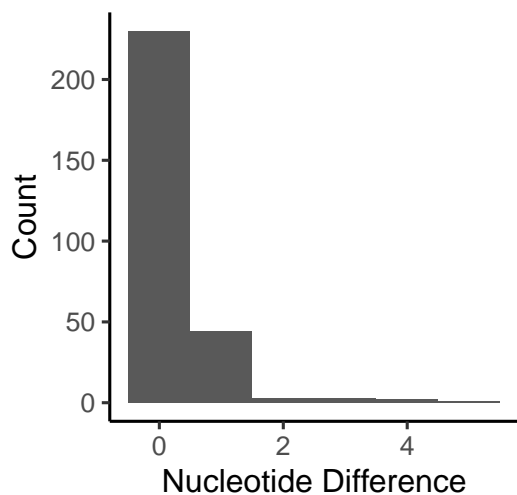
IGKV3/OR2-268*01

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



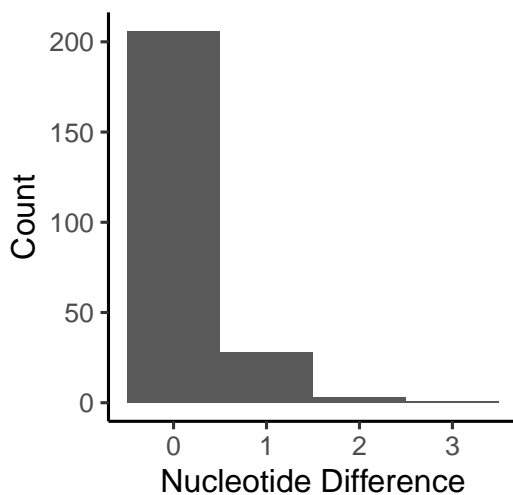
IGKV1-27*01

283 sequences assigned
230 (81.3%) exact matches, in which:
171 unique CDR3
5 unique J



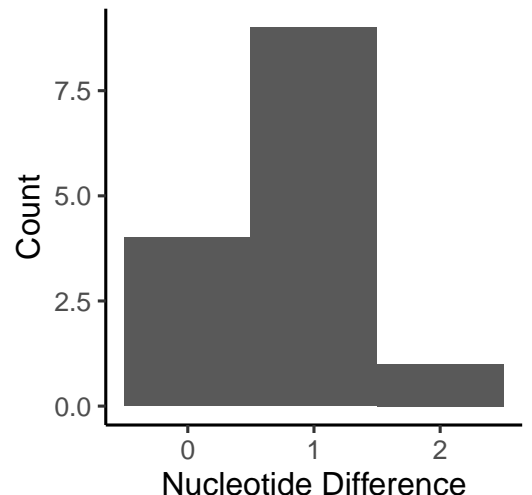
IGKV2-30*01

238 sequences assigned
206 (86.6%) exact matches, in which:
187 unique CDR3
5 unique J



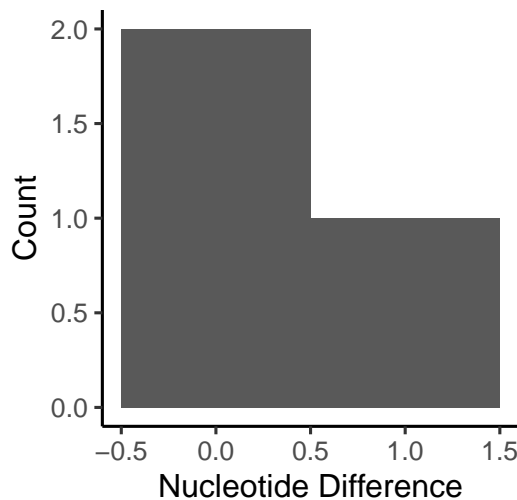
IGKV3-7*04

14 sequences assigned
4 (28.6%) exact matches, in which:
4 unique CDR3
4 unique J



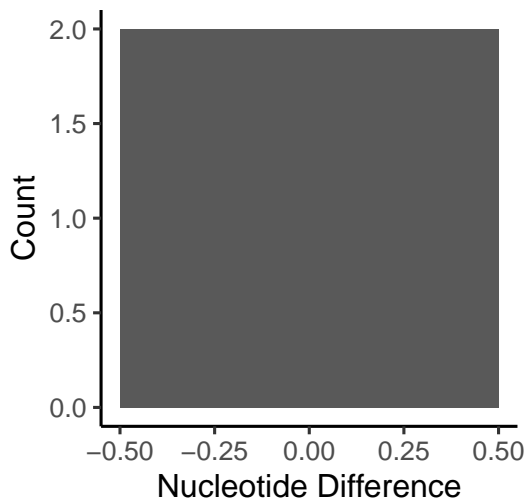
IGKV2/OR22-4*01

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



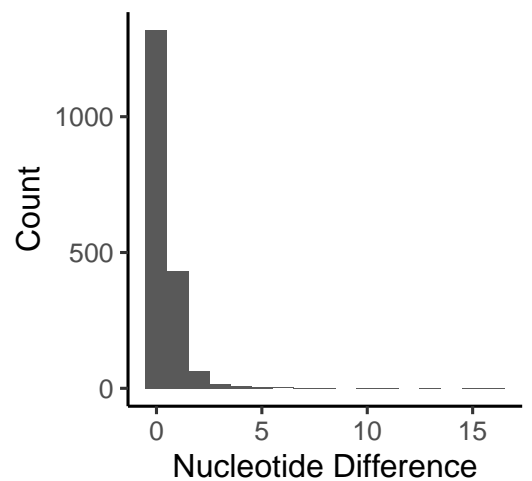
IGKV1/OR2-108*01

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



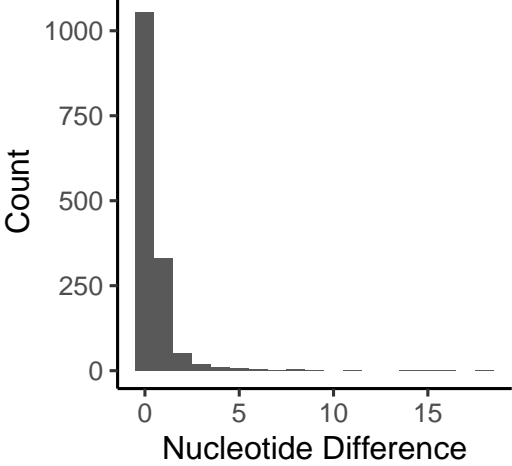
IGKV3-11*01

1861 sequences assigned
1319 (70.9%) exact matches, in which:
1040 unique CDR3
5 unique J



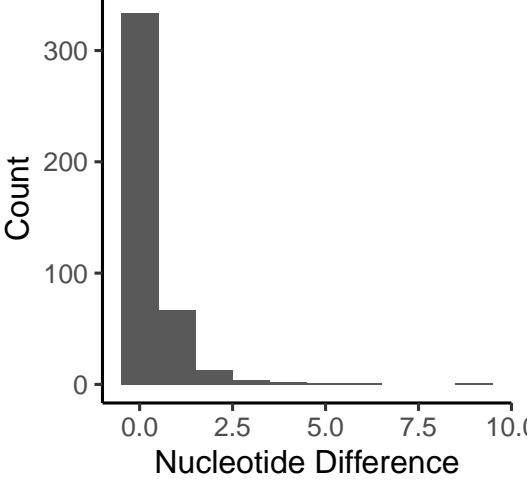
IGKV3-15*01

1491 sequences assigned
1054 (70.7%) exact matches, in which:
830 unique CDR3
5 unique J



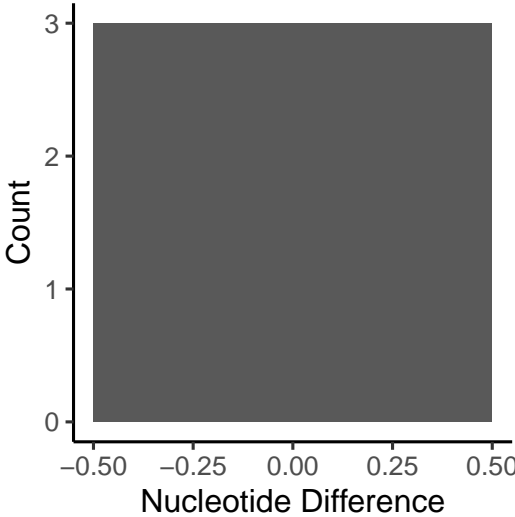
IGKV4-1*01_A318G

423 sequences assigned
334 (79%) exact matches, in which:
269 unique CDR3
5 unique J



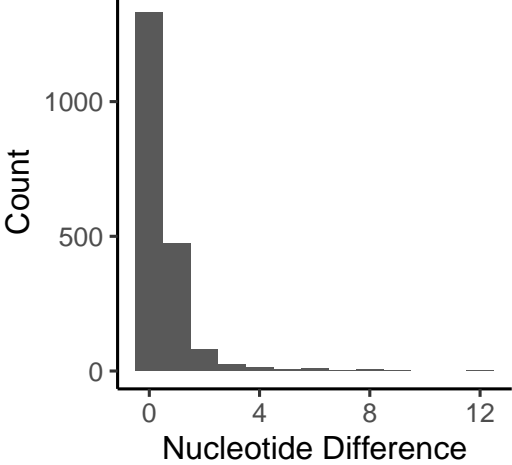
IGKV7-3*01

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



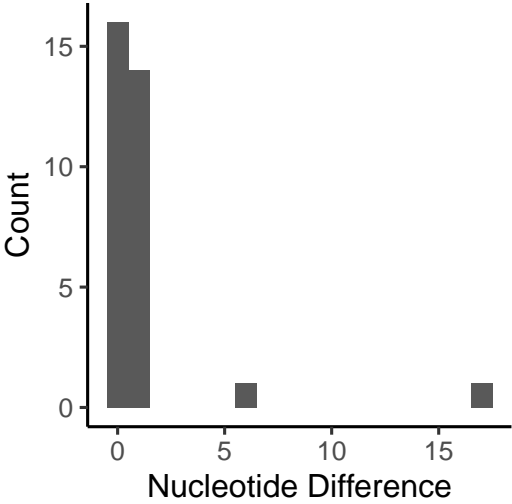
IGKV3-20*01

1951 sequences assigned
1330 (68.2%) exact matches, in which:
1054 unique CDR3
5 unique J



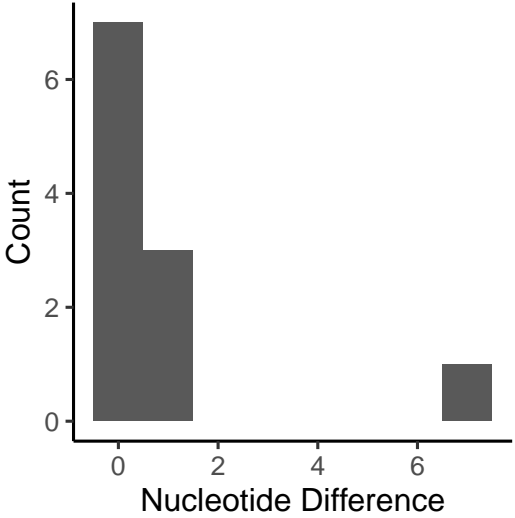
IGKV5-2*01

35 sequences assigned
16 (45.7%) exact matches, in which:
16 unique CDR3
4 unique J



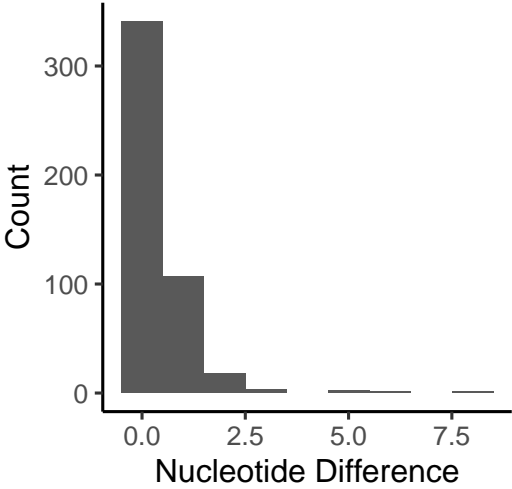
IGKV3D-7*01

11 sequences assigned
7 (63.6%) exact matches, in which:
7 unique CDR3
3 unique J



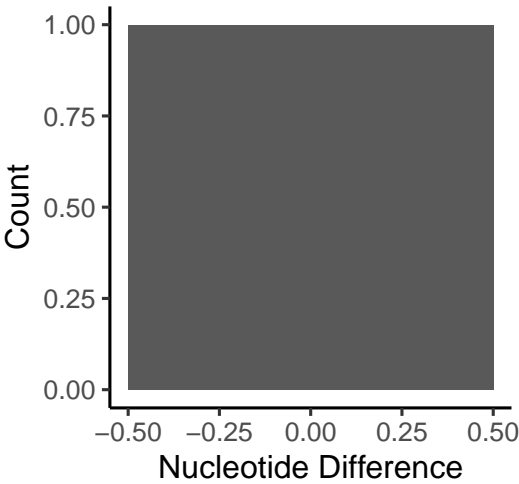
IGKV4-1*01

473 sequences assigned
341 (72.1%) exact matches, in which:
279 unique CDR3
5 unique J



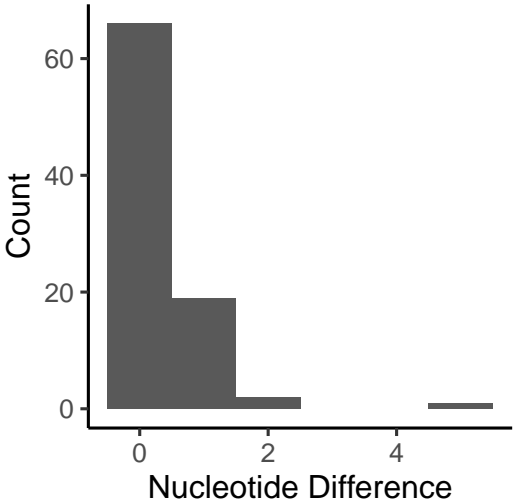
IGKV1/OR15-118*01

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



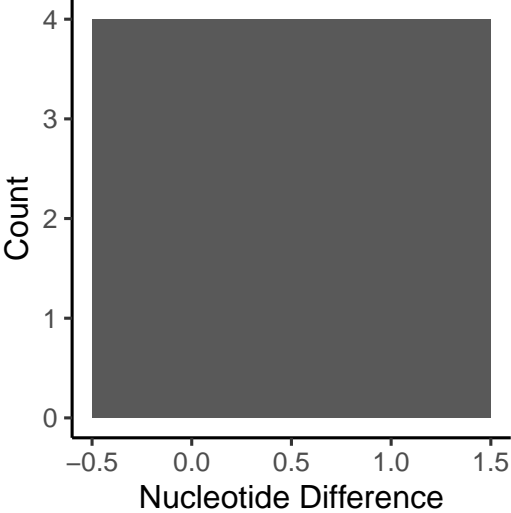
IGKV1D-8*01

88 sequences assigned
66 (75%) exact matches, in which:
49 unique CDR3
5 unique J



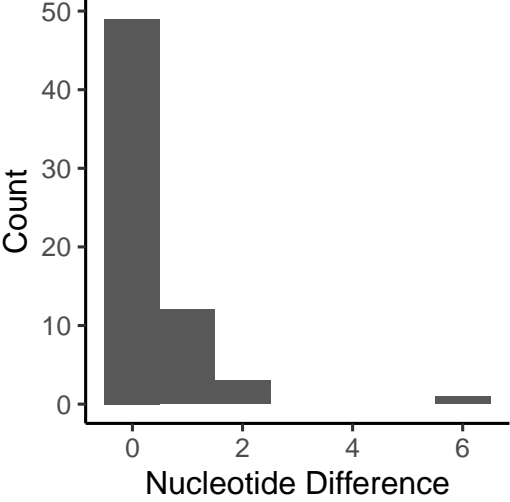
IGKV3D-11*01

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



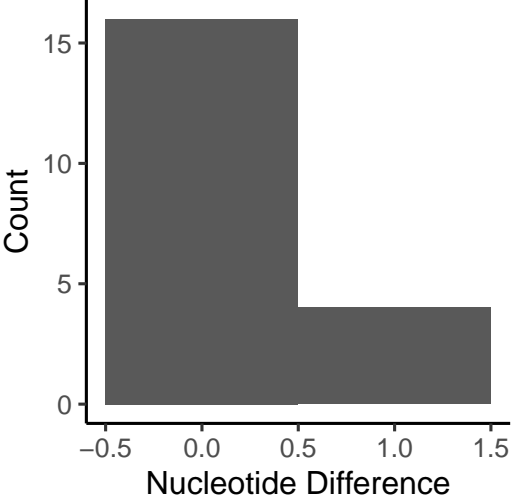
IGKV3D-20*01

65 sequences assigned
49 (75.4%) exact matches, in which:
45 unique CDR3
5 unique J



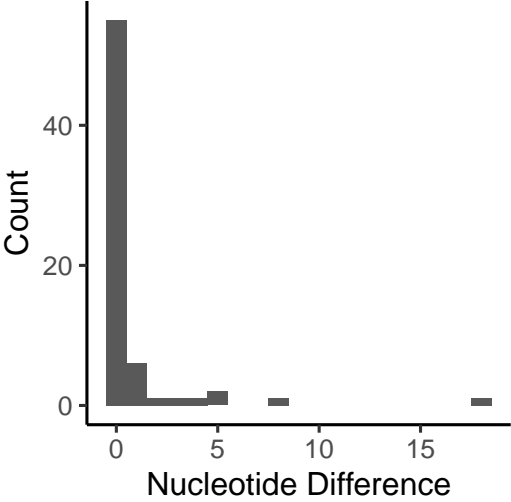
IGKV2D-30*01

20 sequences assigned
16 (80%) exact matches, in which:
15 unique CDR3
5 unique J



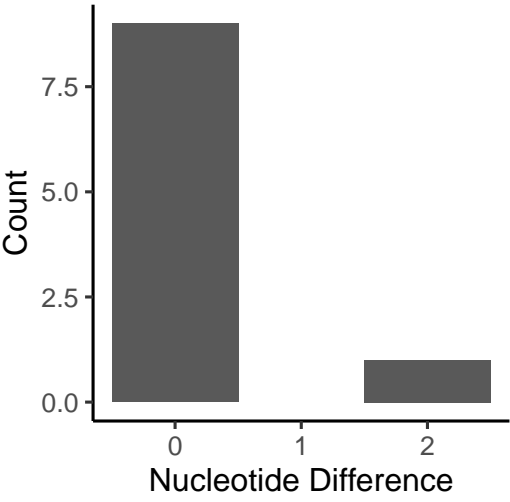
IGKV3D-15*01

68 sequences assigned
55 (80.9%) exact matches, in which:
49 unique CDR3
5 unique J



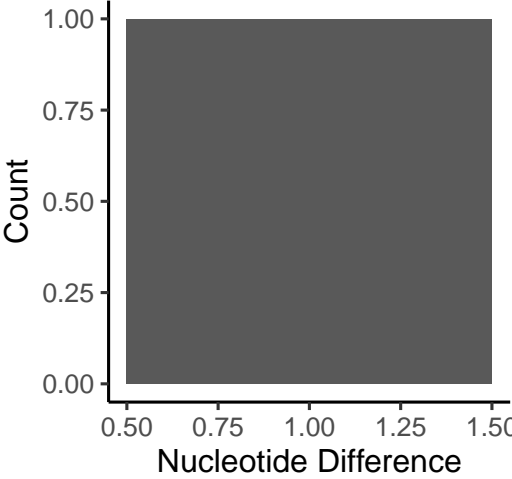
IGKV2D-26*03

10 sequences assigned
9 (90%) exact matches, in which:
8 unique CDR3
2 unique J



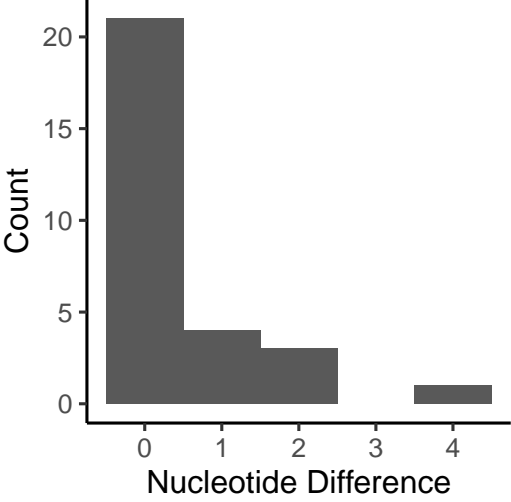
IGKV6D-41*01

1 sequences assigned
No exact matches.



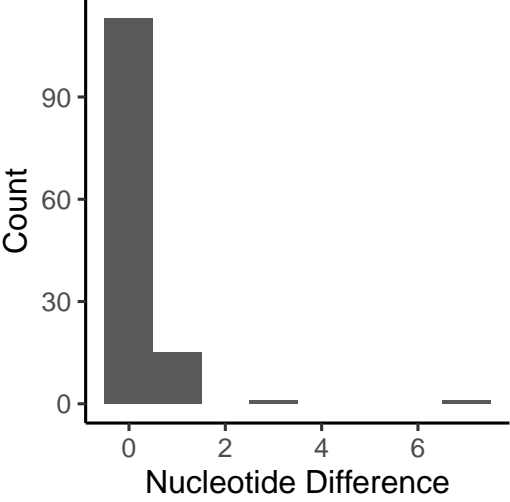
IGKV1D-16*01

29 sequences assigned
21 (72.4%) exact matches, in which:
20 unique CDR3
4 unique J



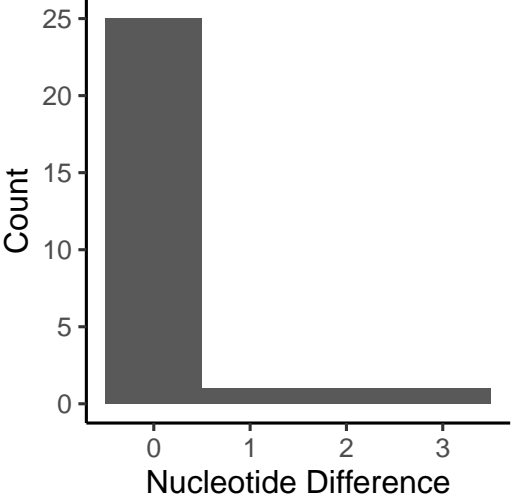
IGKV2D-29*01

130 sequences assigned
113 (86.9%) exact matches, in which:
105 unique CDR3
5 unique J



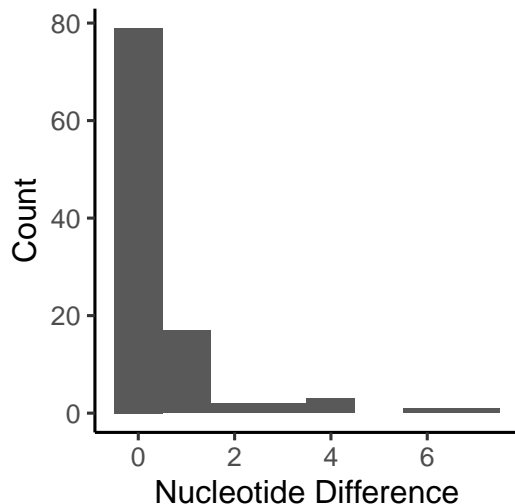
IGKV1D-43*01

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



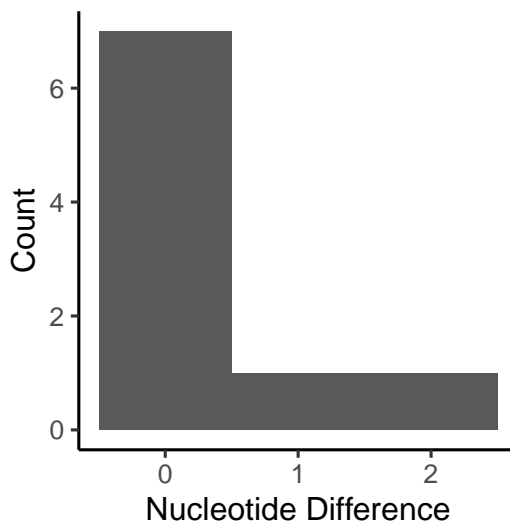
IGKV1E-12*01

105 sequences assigned
79 (75.2%) exact matches, in which:
57 unique CDR3
5 unique J



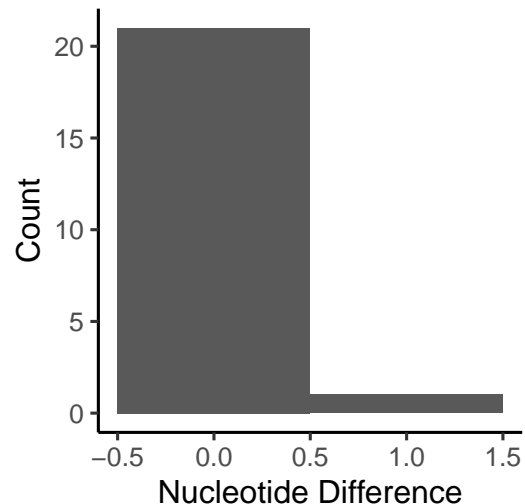
IGKV1E-13*02

9 sequences assigned
7 (77.8%) exact matches, in which:
7 unique CDR3
5 unique J



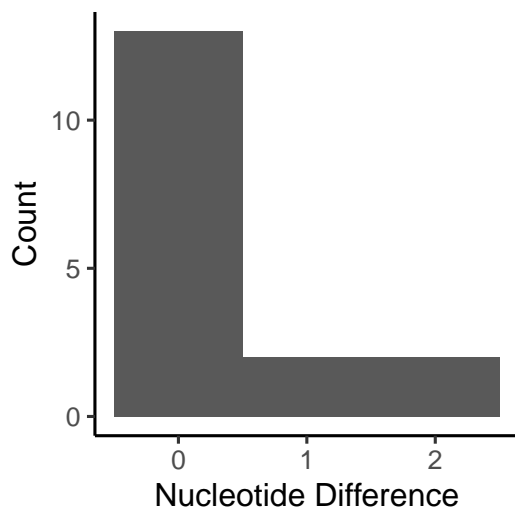
IGKV6E-21*03

22 sequences assigned
21 (95.5%) exact matches, in which:
19 unique CDR3
5 unique J



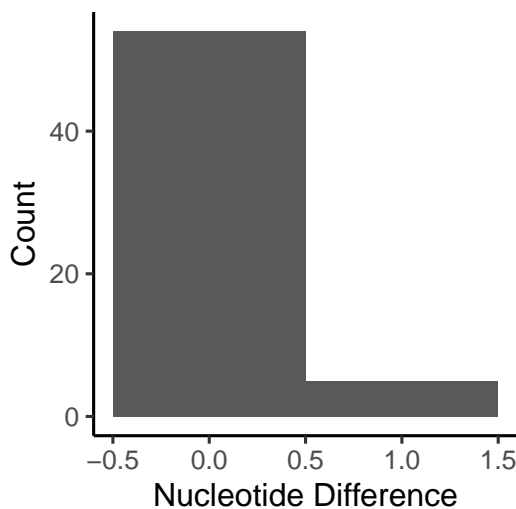
IGKV1E-12*02

17 sequences assigned
13 (76.5%) exact matches, in which:
10 unique CDR3
5 unique J



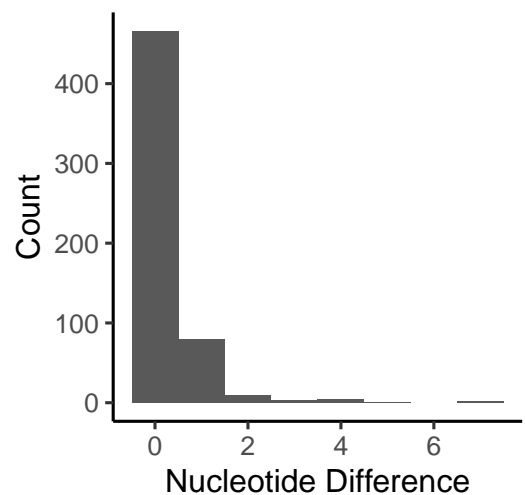
IGKV1E-13*03

59 sequences assigned
54 (91.5%) exact matches, in which:
46 unique CDR3
5 unique J



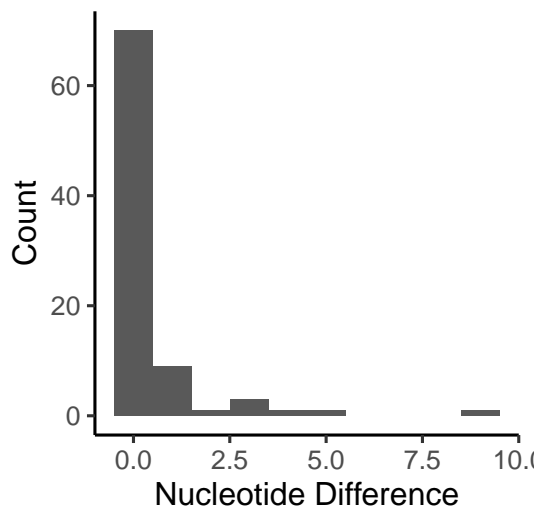
IGKV2E-28*01

564 sequences assigned
466 (82.6%) exact matches, in which:
386 unique CDR3
5 unique J



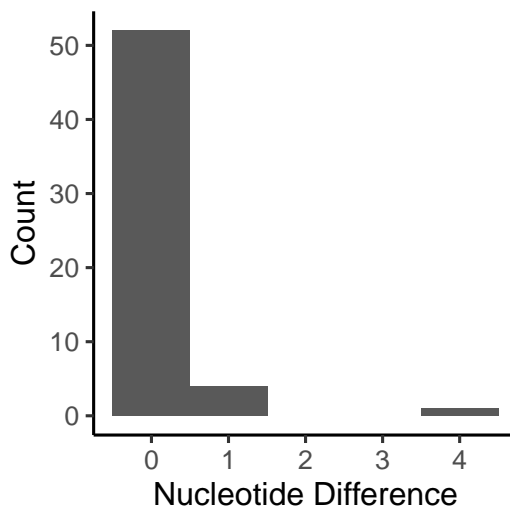
IGKV1E-12*03

86 sequences assigned
70 (81.4%) exact matches, in which:
59 unique CDR3
5 unique J



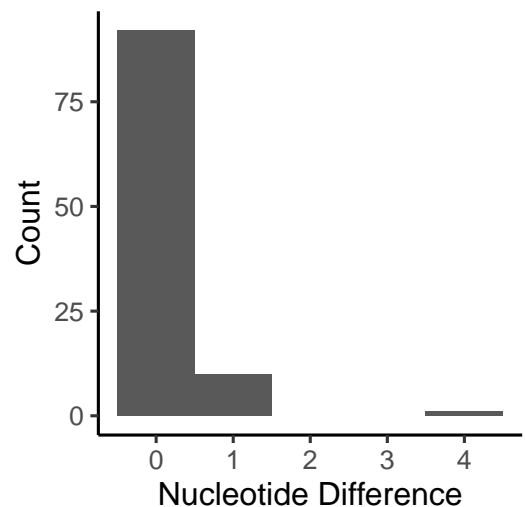
IGKV6E-21*01

57 sequences assigned
52 (91.2%) exact matches, in which:
44 unique CDR3
5 unique J



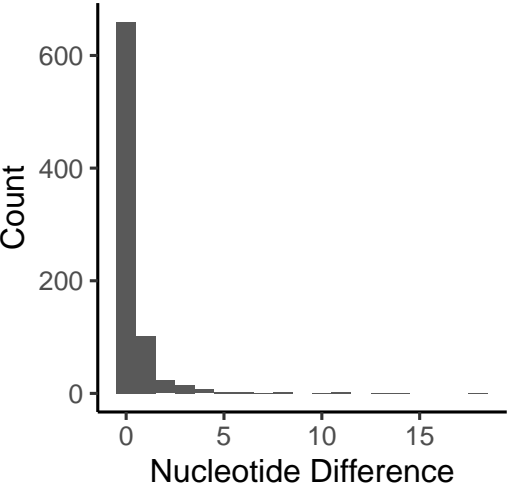
IGKV2E-28*01_G202T

103 sequences assigned
92 (89.3%) exact matches, in which:
82 unique CDR3
5 unique J



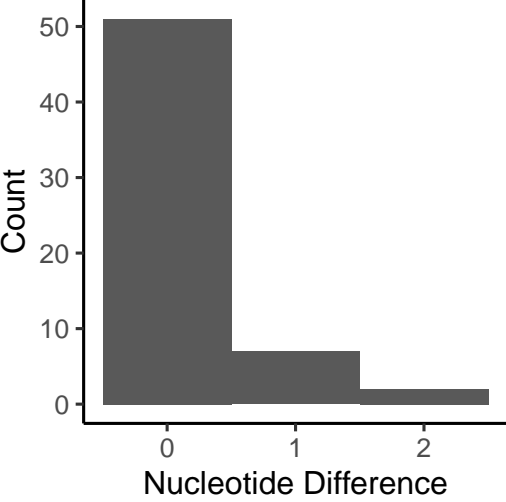
IGKV1E-33*01

821 sequences assigned
660 (80.4%) exact matches, in which:
504 unique CDR3
5 unique J



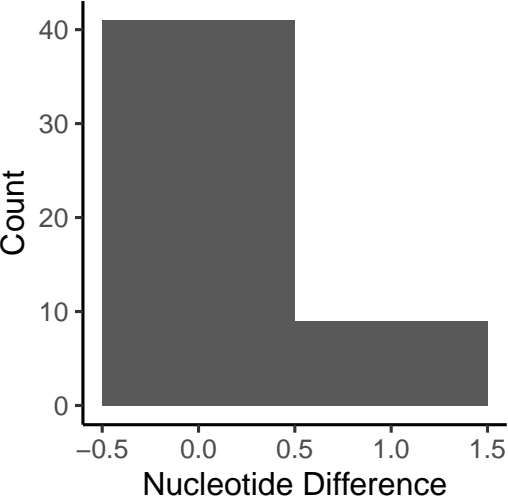
IGKV2E-40*01

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



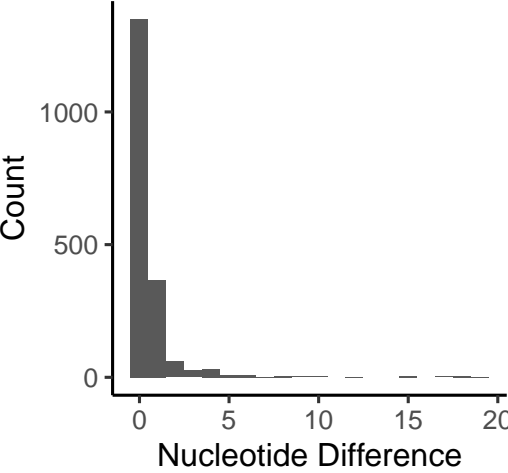
IGKV1E-37*01

50 sequences assigned
41 (82%) exact matches, in which:
39 unique CDR3
5 unique J



IGKV1E-39*01

1878 sequences assigned
1350 (71.9%) exact matches, in which:
958 unique CDR3
5 unique J





Warning – no inferred sequences found.