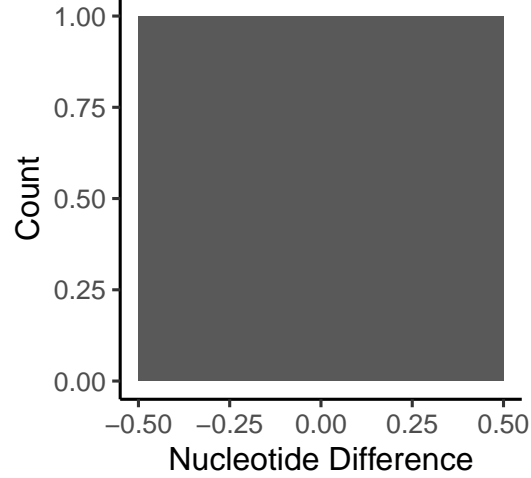


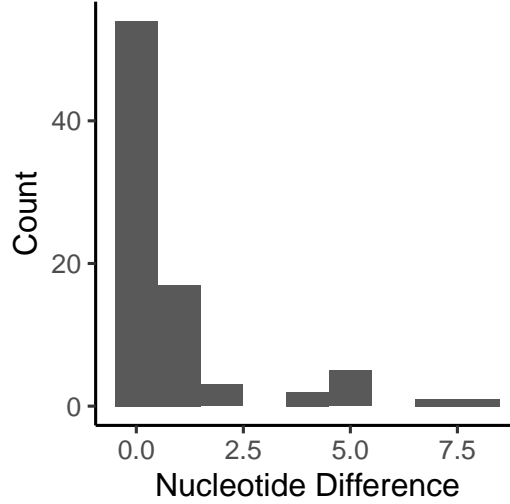
IGKV1/OR10-1*01

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



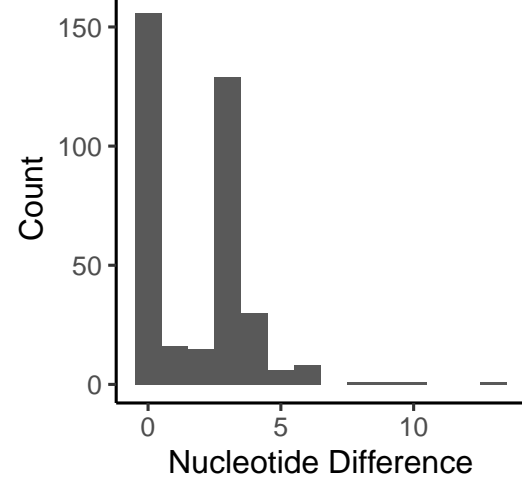
IGKV1-6*01

83 sequences assigned
54 (65.1%) exact matches, in which:
42 unique CDR3
5 unique J



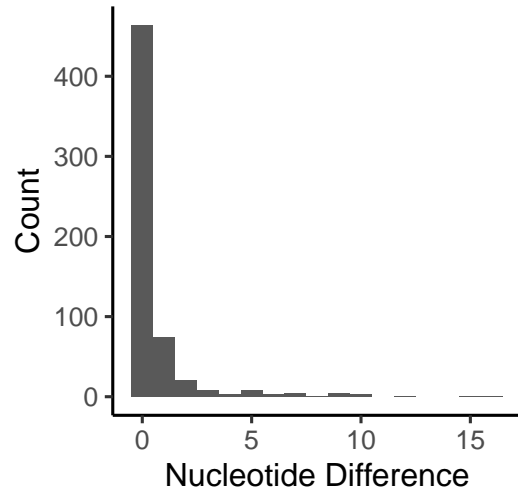
IGKV1-9*01

364 sequences assigned
156 (42.9%) exact matches, in which:
141 unique CDR3
5 unique J



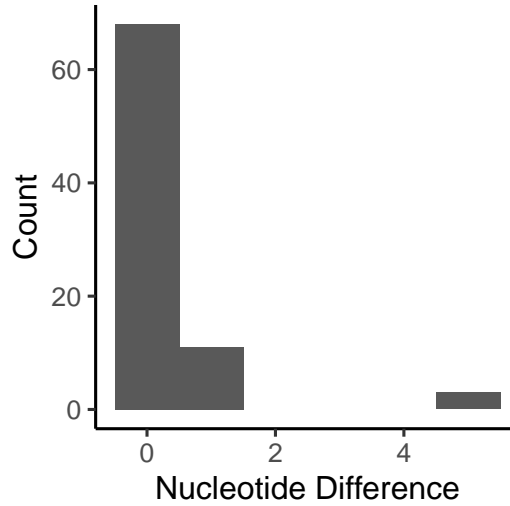
IGKV1-5*03

596 sequences assigned
464 (77.9%) exact matches, in which:
419 unique CDR3
5 unique J



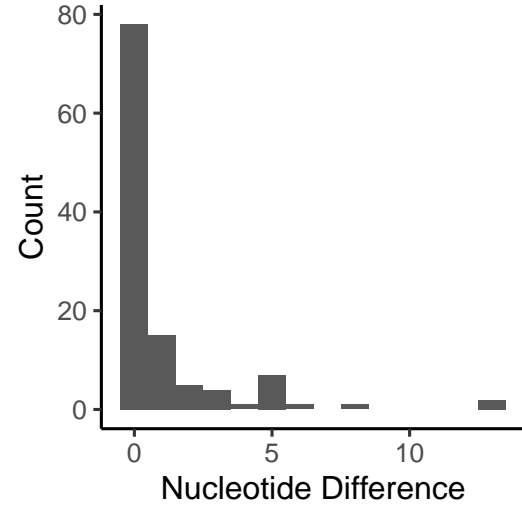
IGKV1-8*01

82 sequences assigned
68 (82.9%) exact matches, in which:
60 unique CDR3
5 unique J



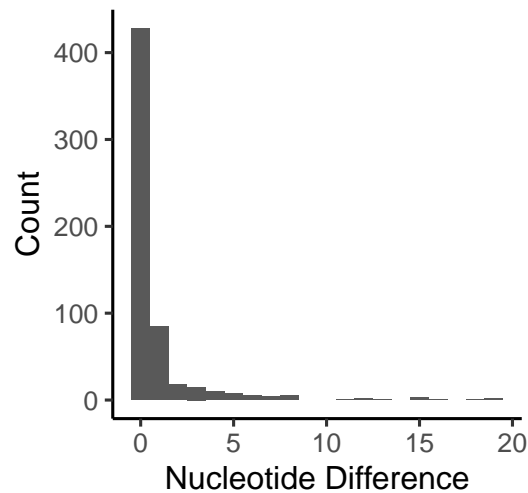
IGKV1-16*02

114 sequences assigned
78 (68.4%) exact matches, in which:
58 unique CDR3
5 unique J



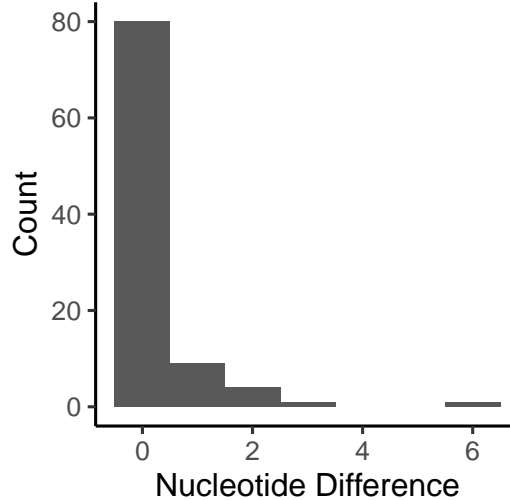
IGKV1-5*03_T115C_G17

609 sequences assigned
428 (70.3%) exact matches, in which:
366 unique CDR3
5 unique J



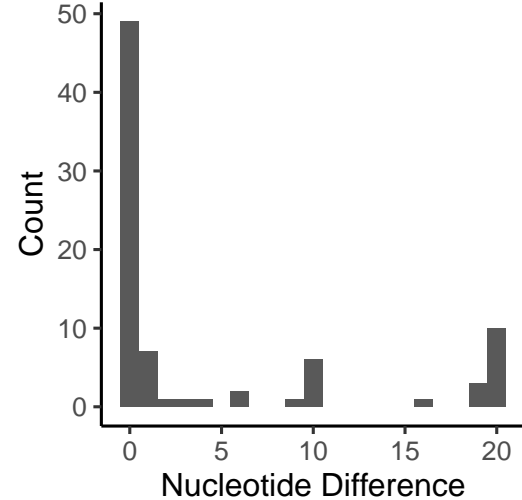
IGKV1-8*01_G12A_T31C

95 sequences assigned
80 (84.2%) exact matches, in which:
71 unique CDR3
5 unique J

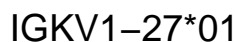


IGKV1-17*01

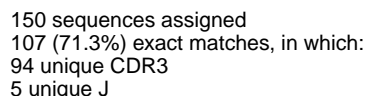
85 sequences assigned
49 (57.6%) exact matches, in which:
43 unique CDR3
5 unique J



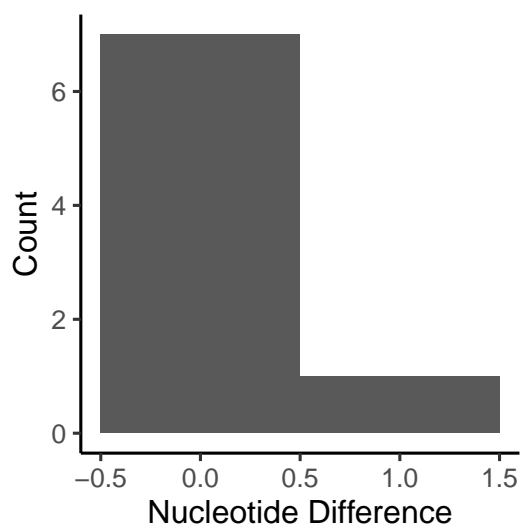
38 sequences assigned
31 (81.6%) exact matches, in which:
28 unique CDR3
5 unique J



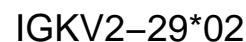
127 sequences assigned
90 (70.9%) exact matches, in which:
83 unique CDR3
5 unique J



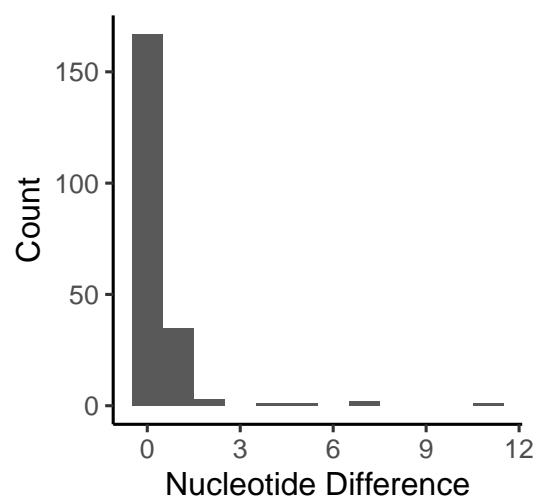
8 sequences assigned
7 (87.5%) exact matches, in which:
6 unique CDR3
3 unique J



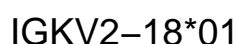
33 sequences assigned
27 (81.8%) exact matches, in which:
25 unique CDR3
5 unique J



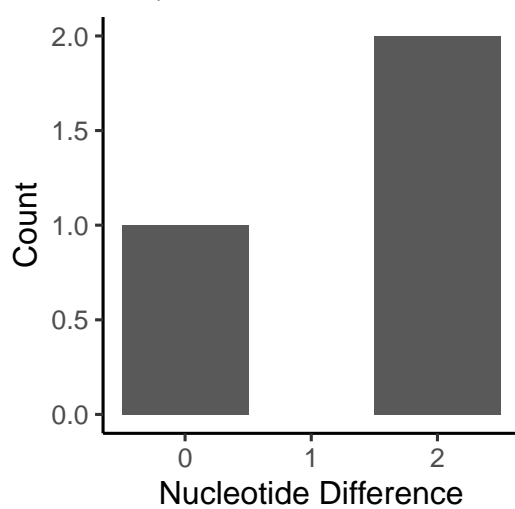
210 sequences assigned
167 (79.5%) exact matches, in which:
146 unique CDR3
5 unique J



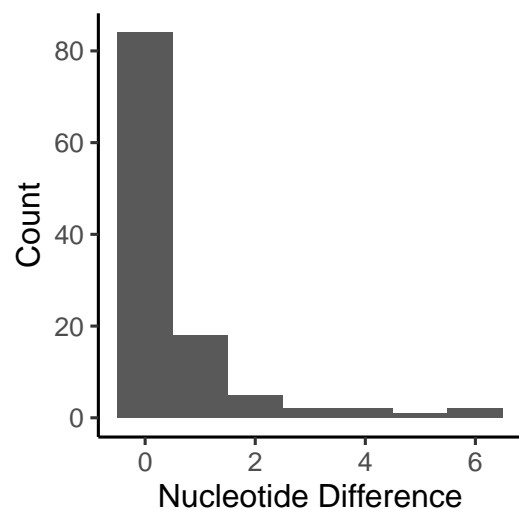
109 sequences assigned
91 (83.5%) exact matches, in which:
79 unique CDR3
5 unique J



3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J

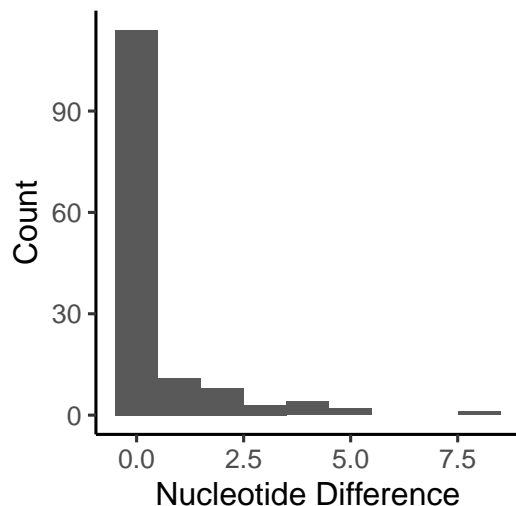


114 sequences assigned
84 (73.7%) exact matches, in which:
76 unique CDR3
5 unique J



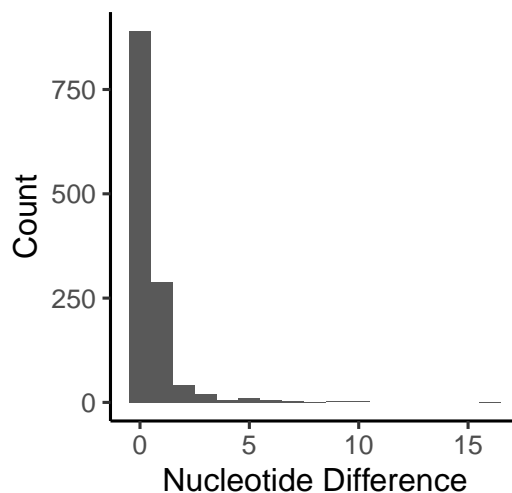
IGKV2–30*02

143 sequences assigned
114 (79.7%) exact matches, in which:
105 unique CDR3
5 unique J



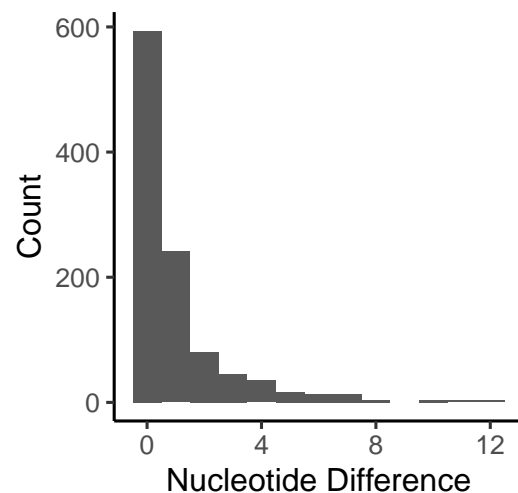
IGKV3–11*01

1273 sequences assigned
891 (70%) exact matches, in which:
673 unique CDR3
5 unique J



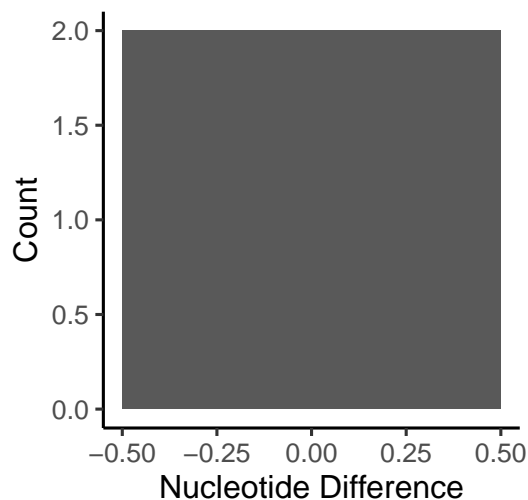
IGKV4–1*01

1054 sequences assigned
594 (56.4%) exact matches, in which:
405 unique CDR3
5 unique J



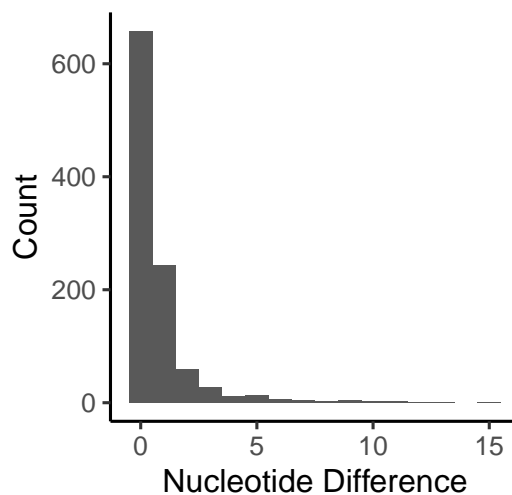
IGKV1/OR2–108*01

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



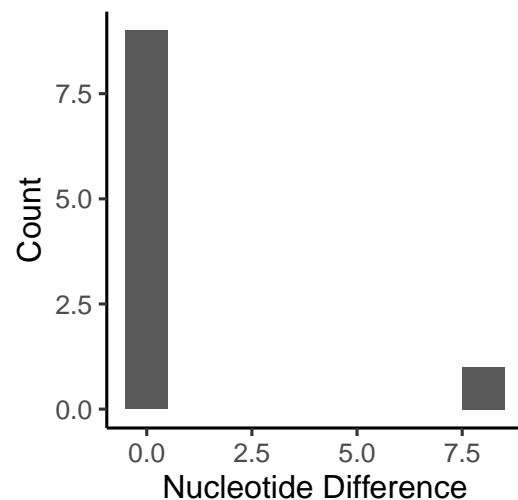
IGKV3–15*01

1038 sequences assigned
658 (63.4%) exact matches, in which:
490 unique CDR3
5 unique J



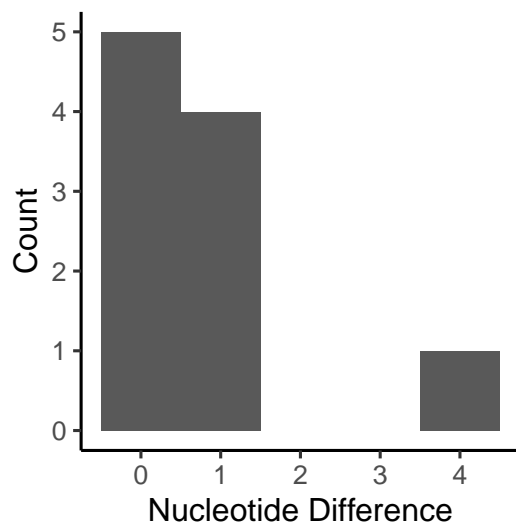
IGKV5–2*01

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



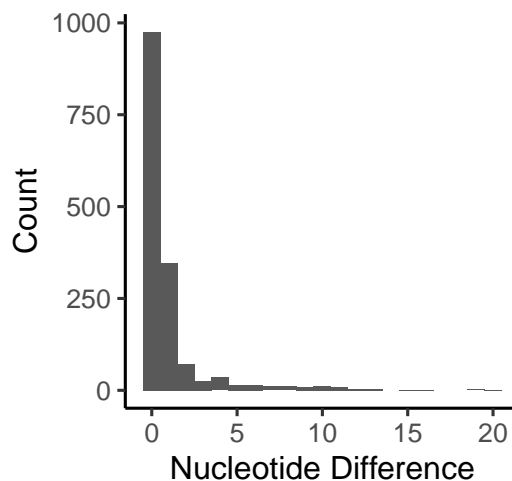
IGKV3–7*04

10 sequences assigned
5 (50%) exact matches, in which:
5 unique CDR3
3 unique J



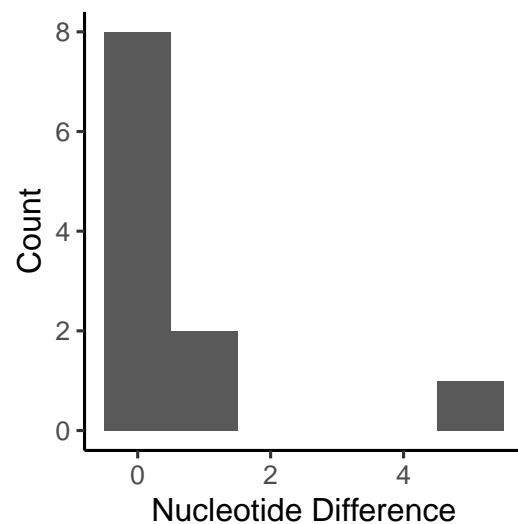
IGKV3–20*01

1546 sequences assigned
975 (63.1%) exact matches, in which:
748 unique CDR3
5 unique J



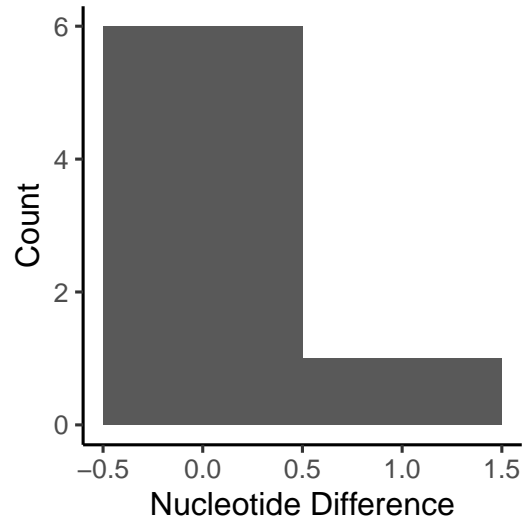
IGKV5–2*01_C214T

11 sequences assigned
8 (72.7%) exact matches, in which:
8 unique CDR3
3 unique J



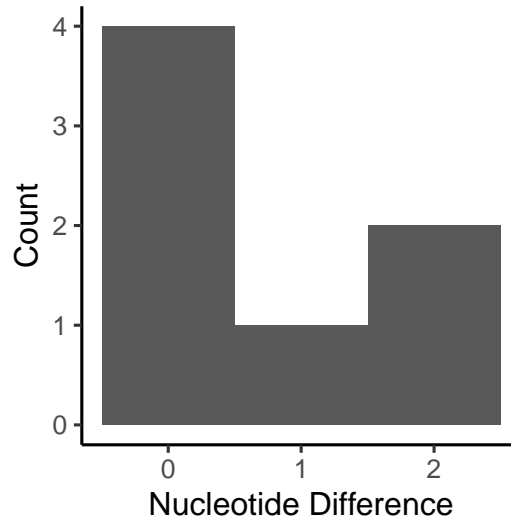
IGKV3D-7*01

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



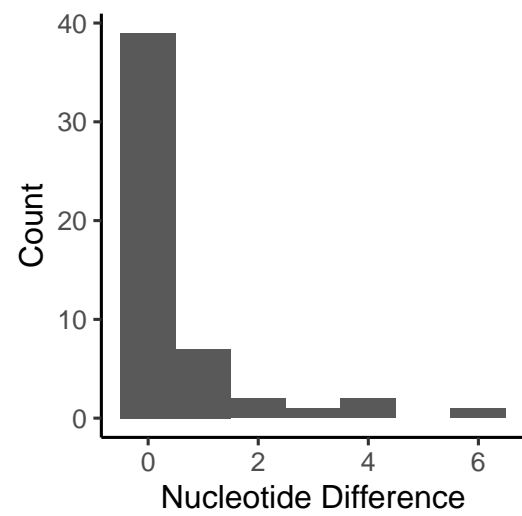
IGKV3D-11*02

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
2 unique J



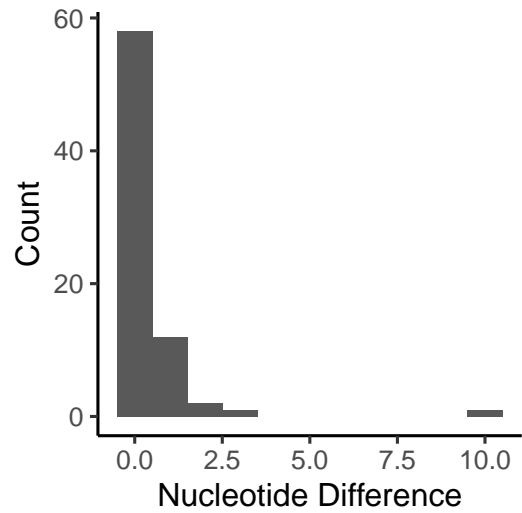
IGKV3D-20*01

52 sequences assigned
39 (75%) exact matches, in which:
36 unique CDR3
5 unique J



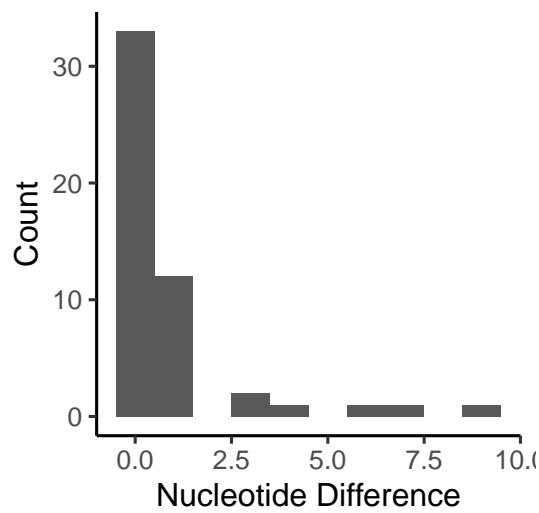
IGKV1D-8*01

74 sequences assigned
58 (78.4%) exact matches, in which:
43 unique CDR3
5 unique J



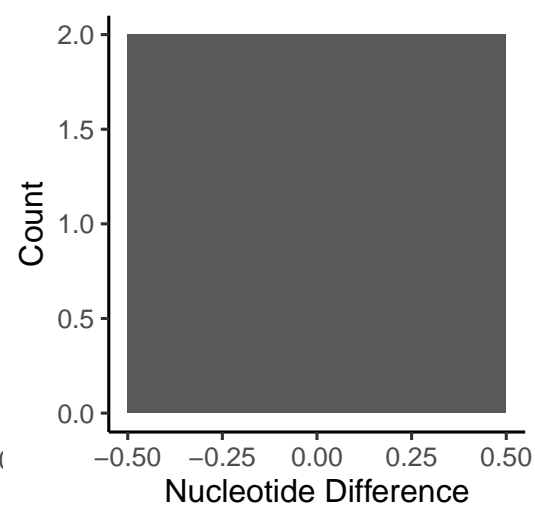
IGKV3D-15*01

51 sequences assigned
33 (64.7%) exact matches, in which:
31 unique CDR3
5 unique J



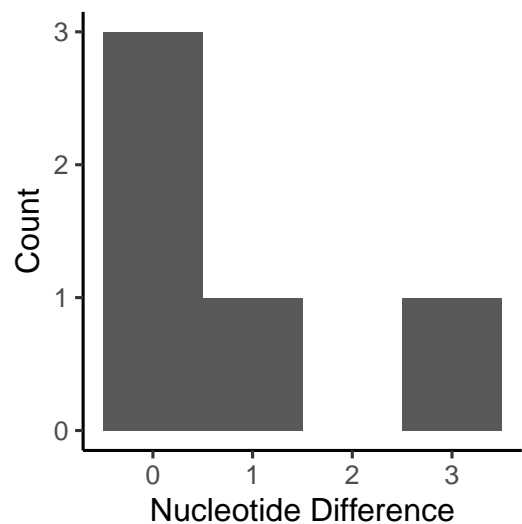
IGKV2D-24*01

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



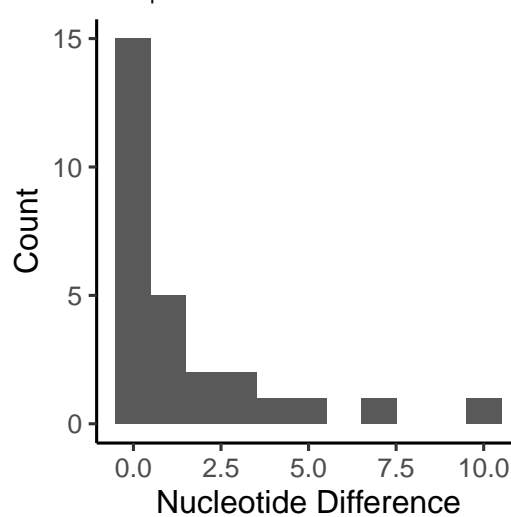
IGKV3D-11*01

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



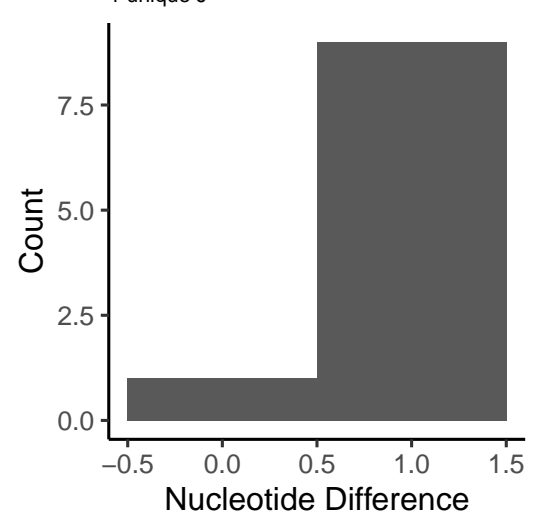
IGKV1D-16*01

28 sequences assigned
15 (53.6%) exact matches, in which:
9 unique CDR3
3 unique J



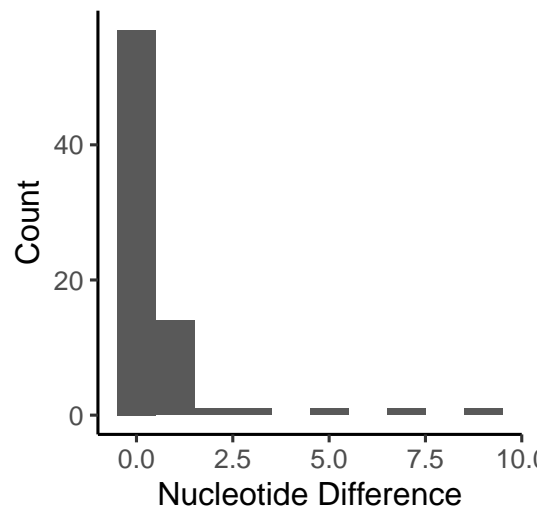
IGKV2D-26*03

10 sequences assigned
1 (10%) exact matches, in which:
1 unique CDR3
1 unique J



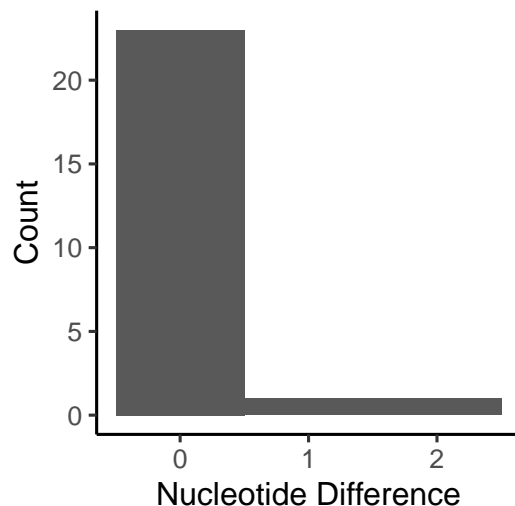
IGKV2D-29*01

76 sequences assigned
57 (75%) exact matches, in which:
53 unique CDR3
5 unique J



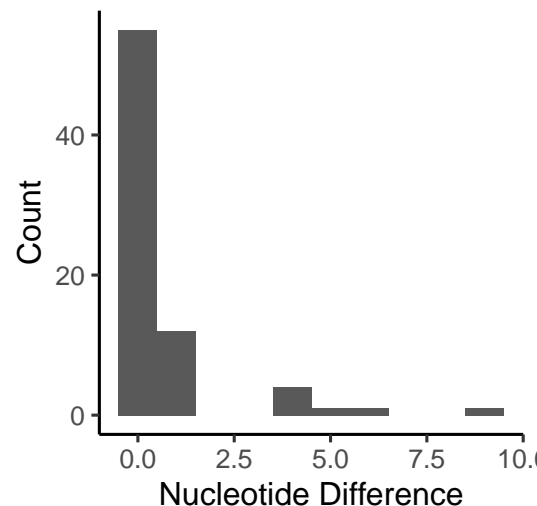
IGKV1D-43*01

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



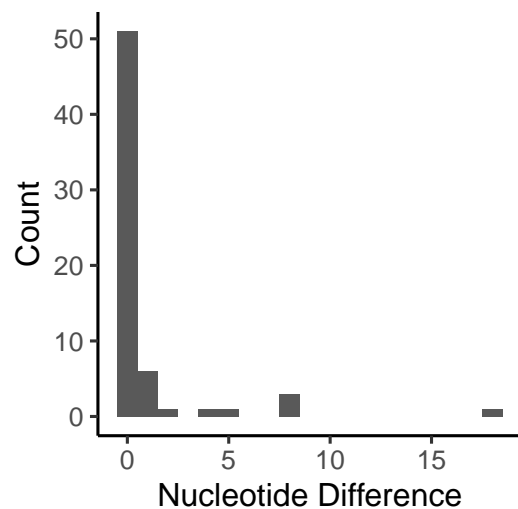
IGKV1E-12*03

74 sequences assigned
55 (74.3%) exact matches, in which:
45 unique CDR3
5 unique J



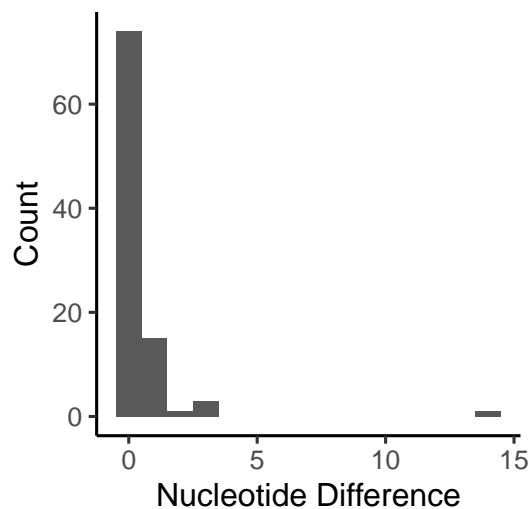
IGKV2D-29*02

64 sequences assigned
51 (79.7%) exact matches, in which:
44 unique CDR3
5 unique J



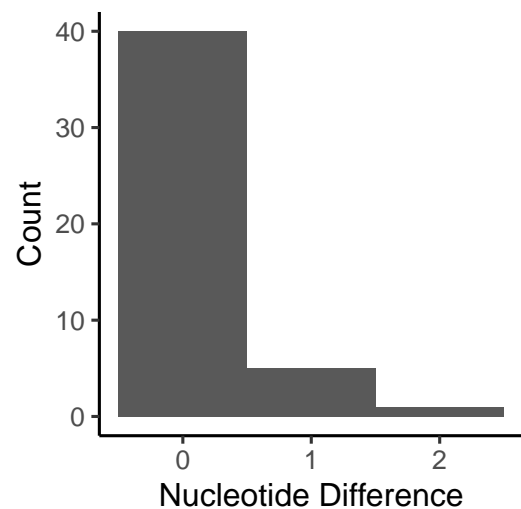
IGKV1E-12*01

94 sequences assigned
74 (78.7%) exact matches, in which:
50 unique CDR3
5 unique J



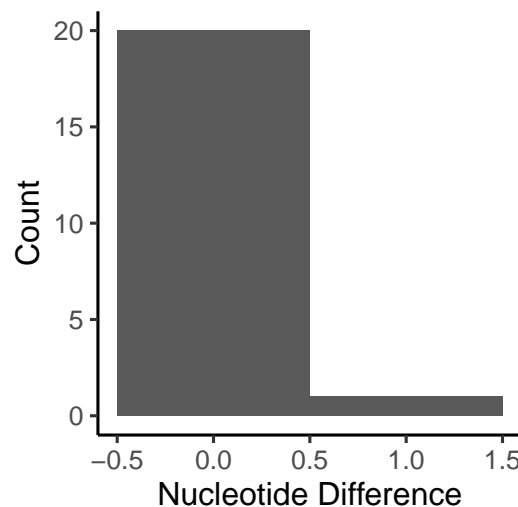
IGKV1E-13*03

46 sequences assigned
40 (87%) exact matches, in which:
33 unique CDR3
5 unique J



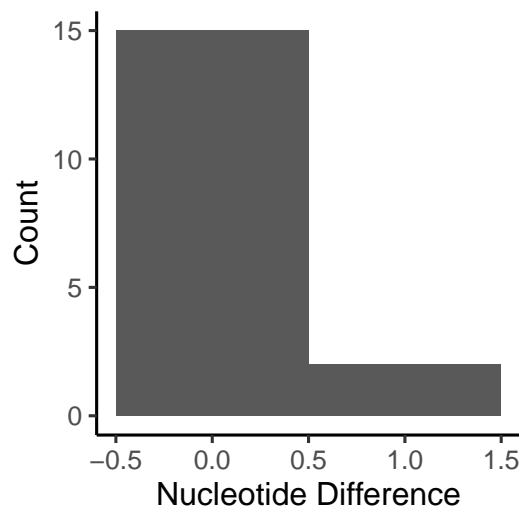
IGKV2D-30*01

21 sequences assigned
20 (95.2%) exact matches, in which:
19 unique CDR3
4 unique J



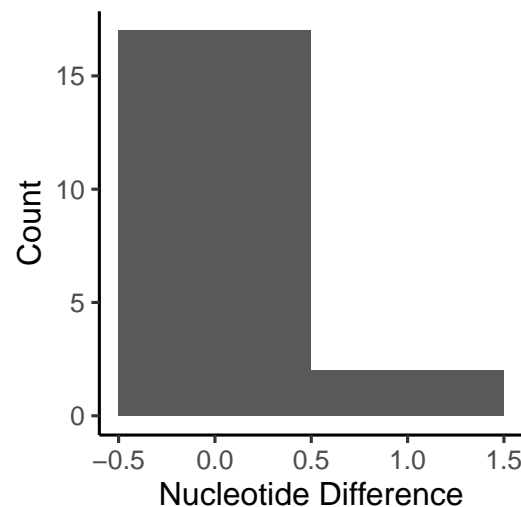
IGKV1E-12*02

17 sequences assigned
15 (88.2%) exact matches, in which:
11 unique CDR3
5 unique J



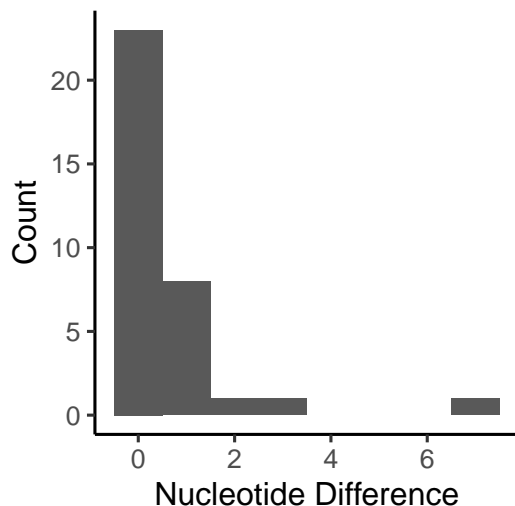
IGKV6E-21*01

19 sequences assigned
17 (89.5%) exact matches, in which:
16 unique CDR3
3 unique J



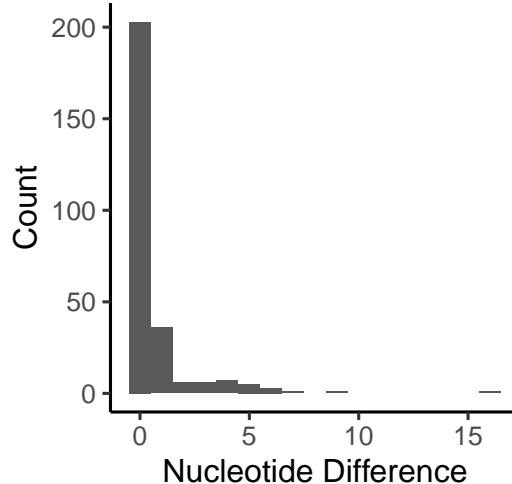
IGKV6E-21*02

34 sequences assigned
23 (67.6%) exact matches, in which:
22 unique CDR3
4 unique J



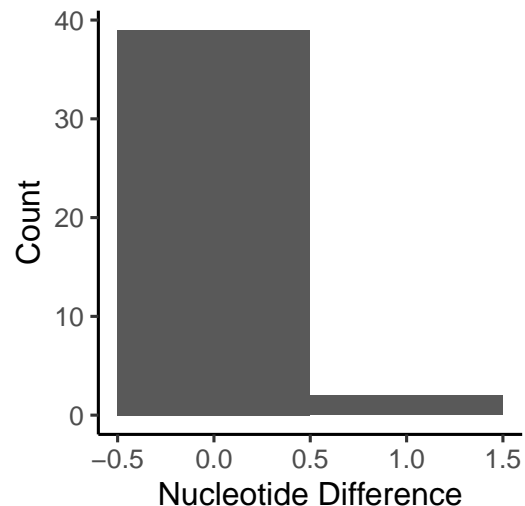
IGKV2E-28*01_C142A

269 sequences assigned
203 (75.5%) exact matches, in which:
184 unique CDR3
5 unique J



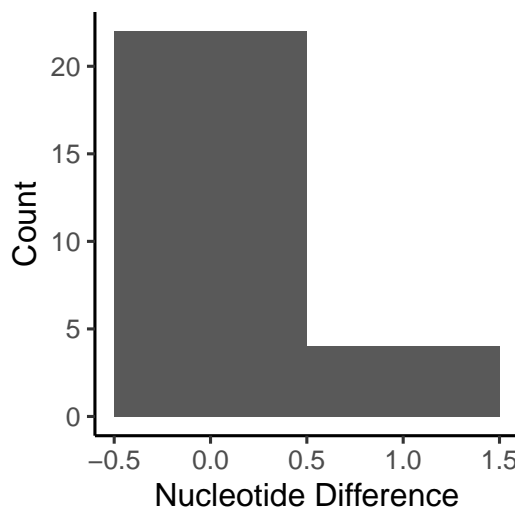
IGKV1E-37*01

41 sequences assigned
39 (95.1%) exact matches, in which:
39 unique CDR3
5 unique J



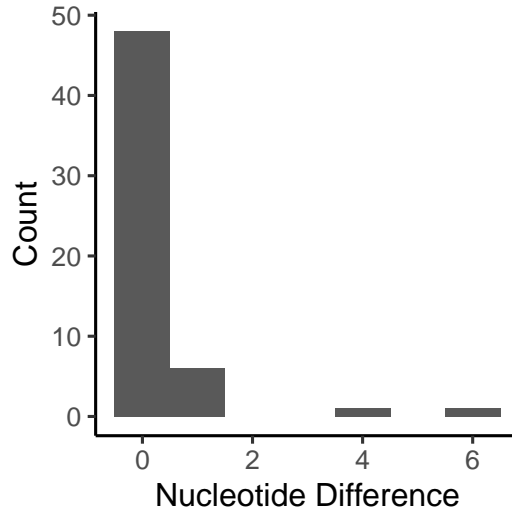
IGKV6E-21*03

26 sequences assigned
22 (84.6%) exact matches, in which:
20 unique CDR3
4 unique J



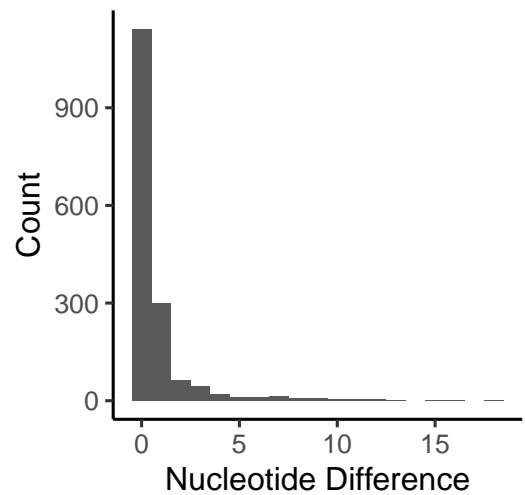
IGKV2E-28*01_G90C

56 sequences assigned
48 (85.7%) exact matches, in which:
41 unique CDR3
5 unique J



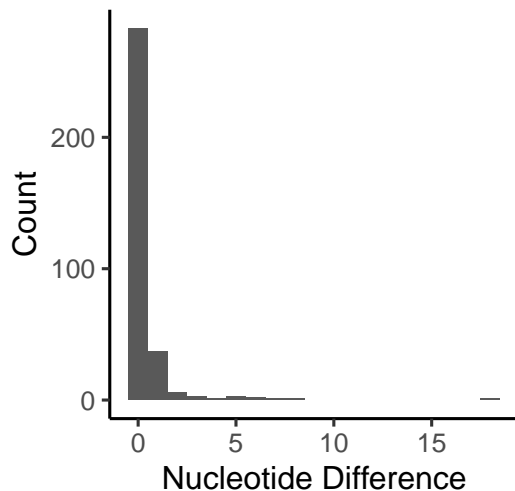
IGKV1E-39*01

1642 sequences assigned
1142 (69.5%) exact matches, in which:
811 unique CDR3
5 unique J



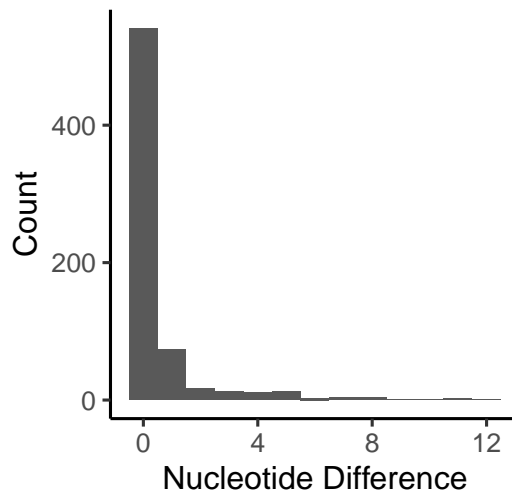
IGKV2E-28*01

338 sequences assigned
283 (83.7%) exact matches, in which:
245 unique CDR3
5 unique J



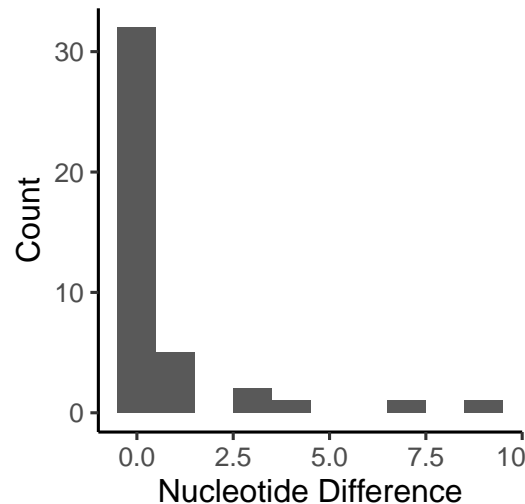
IGKV1E-33*01

684 sequences assigned
541 (79.1%) exact matches, in which:
412 unique CDR3
5 unique J



IGKV2E-40*01

42 sequences assigned
32 (76.2%) exact matches, in which:
27 unique CDR3
5 unique J





Warning – no inferred sequences found.