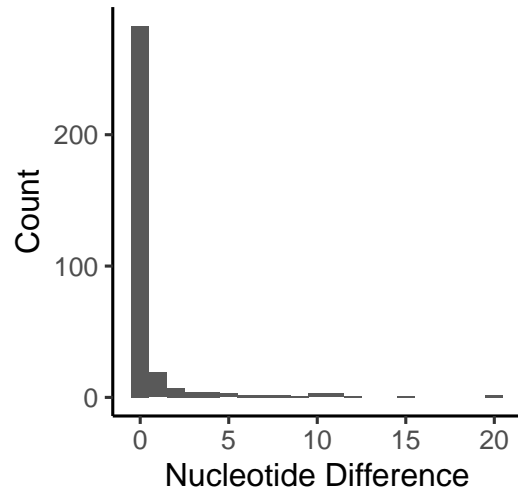


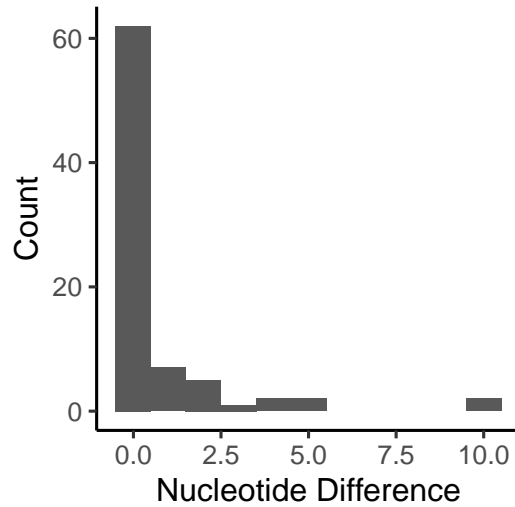
IGKV1-5*03

337 sequences assigned
283 (84%) exact matches, in which:
244 unique CDR3
5 unique J



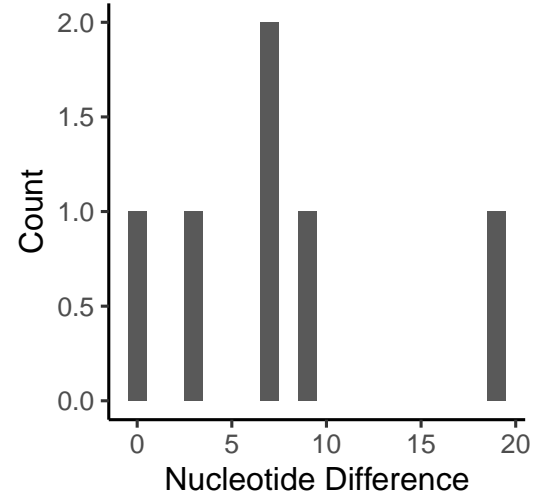
IGKV1-8*01

81 sequences assigned
62 (76.5%) exact matches, in which:
61 unique CDR3
5 unique J



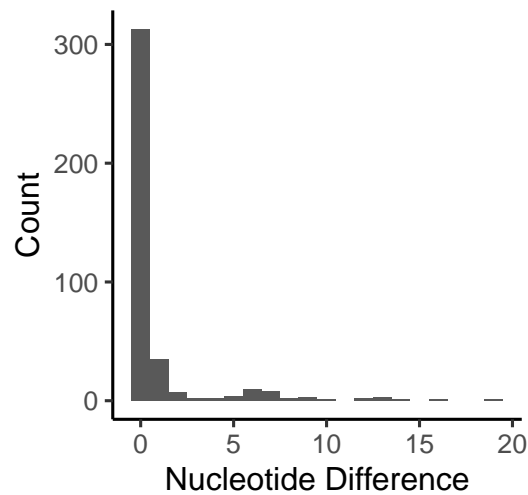
IGKV1-16*01

6 sequences assigned
1 (16.7%) exact matches, in which:
1 unique CDR3
1 unique J



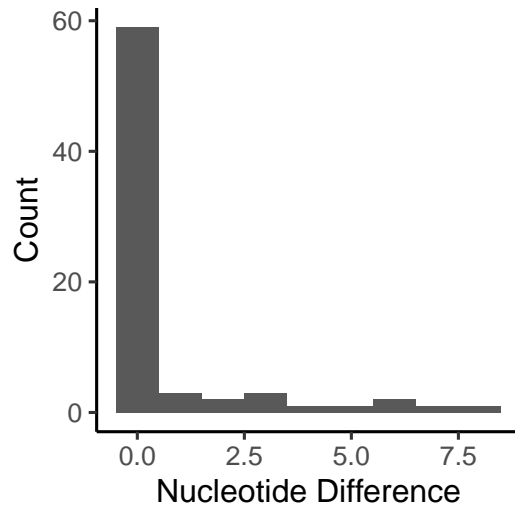
IGKV1-5*03_G171A

396 sequences assigned
313 (79%) exact matches, in which:
261 unique CDR3
5 unique J



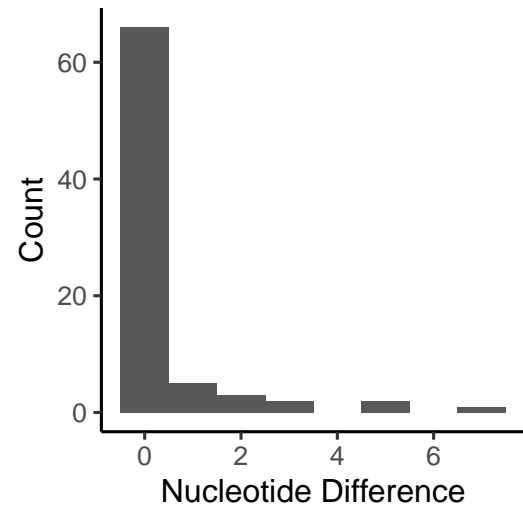
IGKV1-8*01_G12A_T31C

73 sequences assigned
59 (80.8%) exact matches, in which:
54 unique CDR3
5 unique J



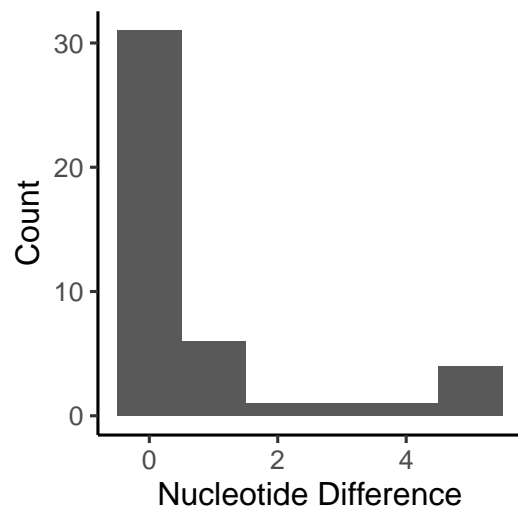
IGKV1-16*02

79 sequences assigned
66 (83.5%) exact matches, in which:
54 unique CDR3
5 unique J



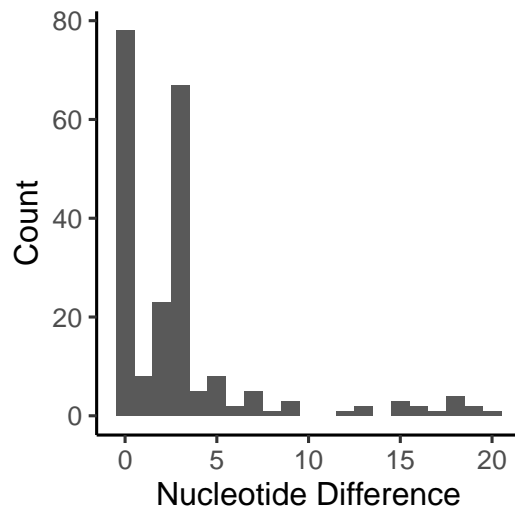
IGKV1-6*01

44 sequences assigned
31 (70.5%) exact matches, in which:
22 unique CDR3
4 unique J



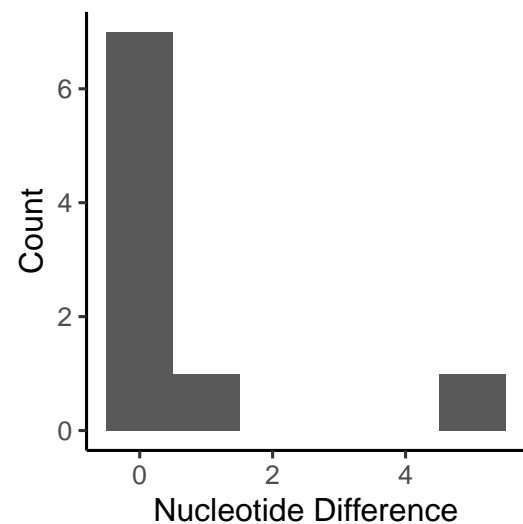
IGKV1-9*01

219 sequences assigned
78 (35.6%) exact matches, in which:
69 unique CDR3
5 unique J



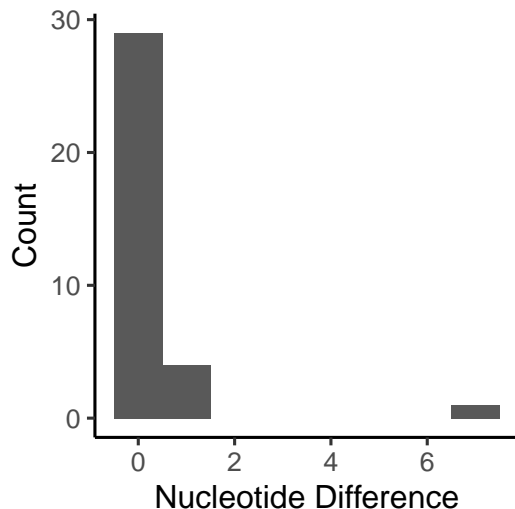
IGKV1-16*02_C312T

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



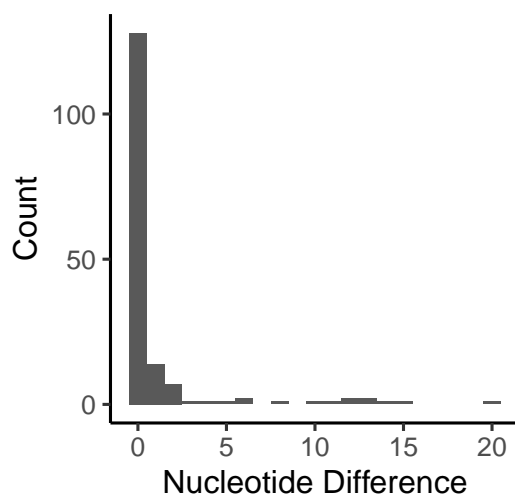
IGKV1-17*01

34 sequences assigned
29 (85.3%) exact matches, in which:
21 unique CDR3
5 unique J



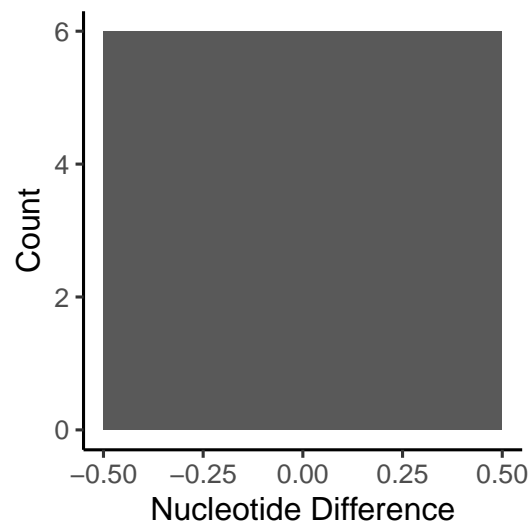
IGKV1-27*01_T231C

164 sequences assigned
128 (78%) exact matches, in which:
81 unique CDR3
5 unique J



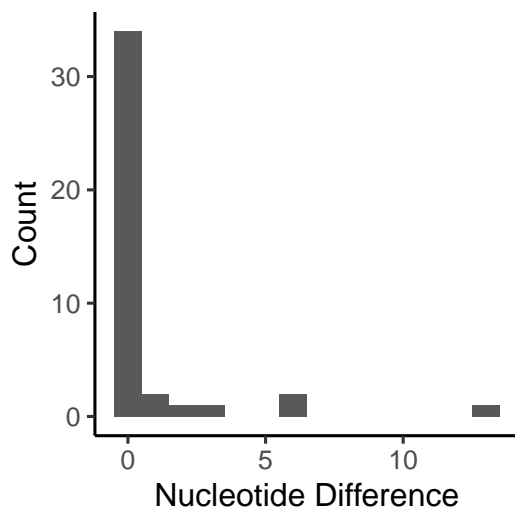
IGKV2-24*01

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



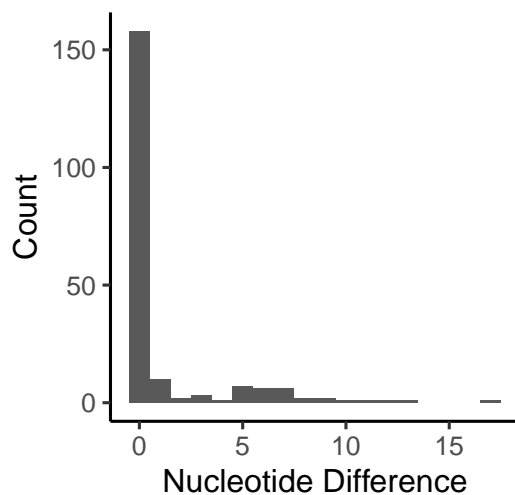
IGKV1-17*03

41 sequences assigned
34 (82.9%) exact matches, in which:
30 unique CDR3
5 unique J



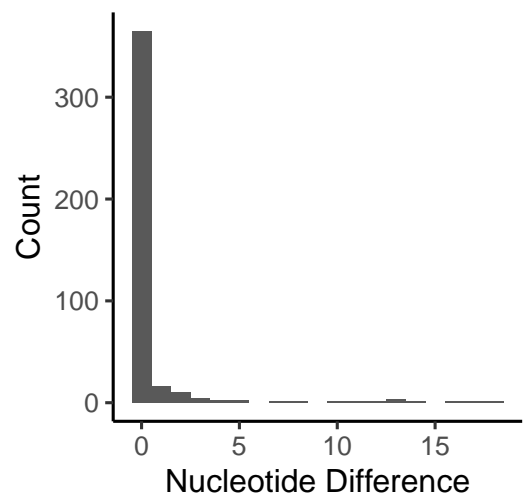
IGKV1-NL1*01

202 sequences assigned
158 (78.2%) exact matches, in which:
132 unique CDR3
5 unique J



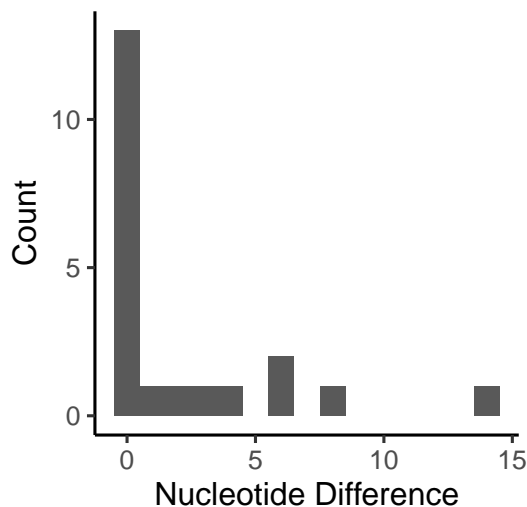
IGKV2-29*02

411 sequences assigned
365 (88.8%) exact matches, in which:
293 unique CDR3
5 unique J



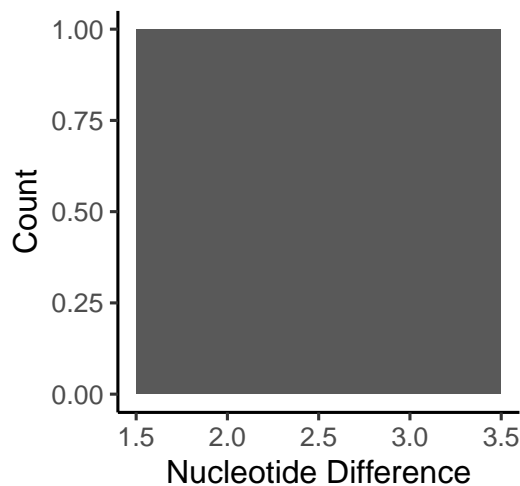
IGKV1-17*01_T314A

21 sequences assigned
13 (61.9%) exact matches, in which:
13 unique CDR3
5 unique J



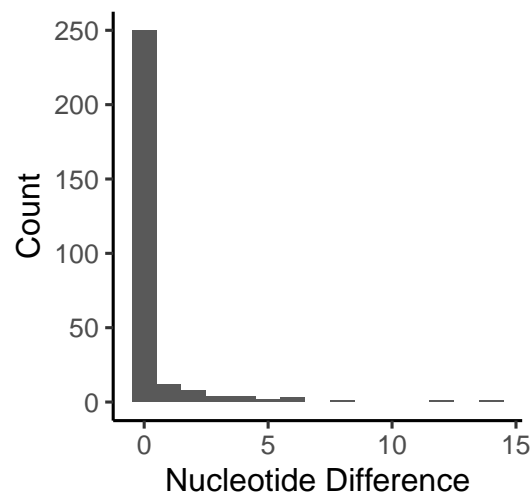
IGKV2-18*01

2 sequences assigned
No exact matches.



IGKV2-30*02

287 sequences assigned
250 (87.1%) exact matches, in which:
208 unique CDR3
5 unique J



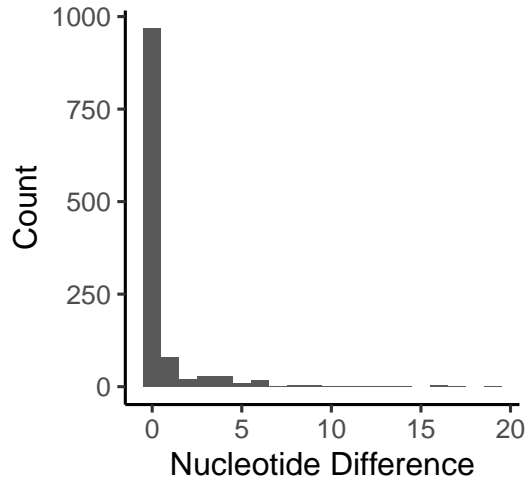
IGKV3/OR2-268*01

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



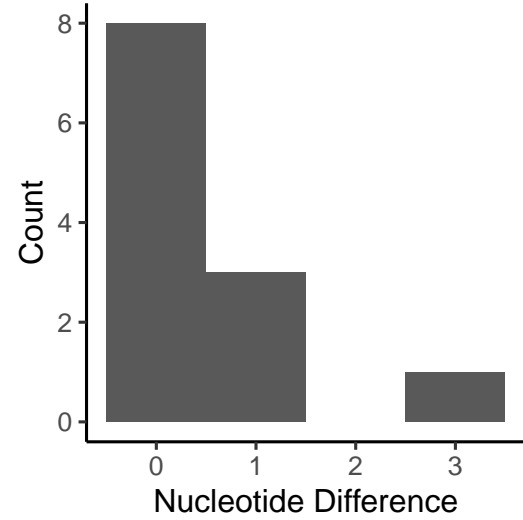
IGKV3-15*01

1179 sequences assigned
968 (82.1%) exact matches, in which:
713 unique CDR3
5 unique J



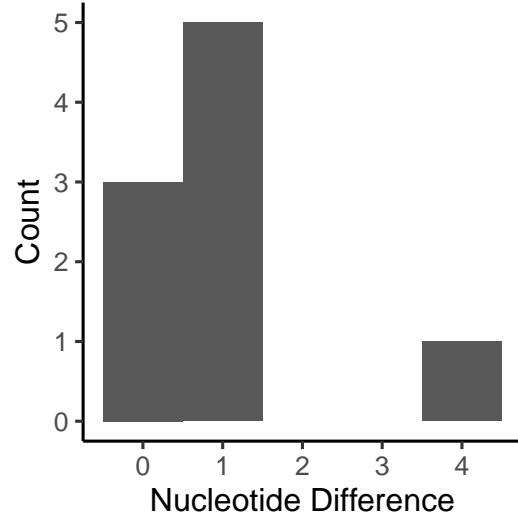
IGKV5-2*01

12 sequences assigned
8 (66.7%) exact matches, in which:
7 unique CDR3
3 unique J



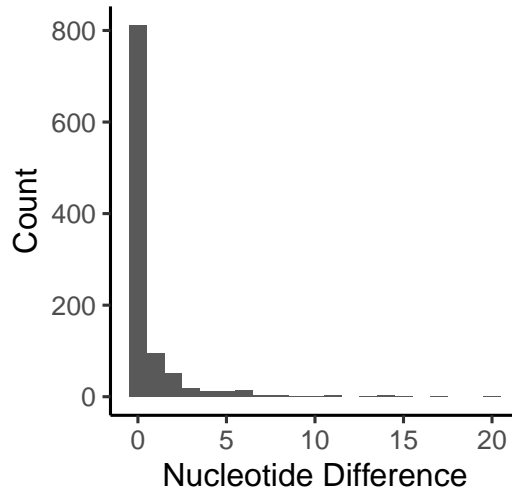
IGKV3-7*04

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



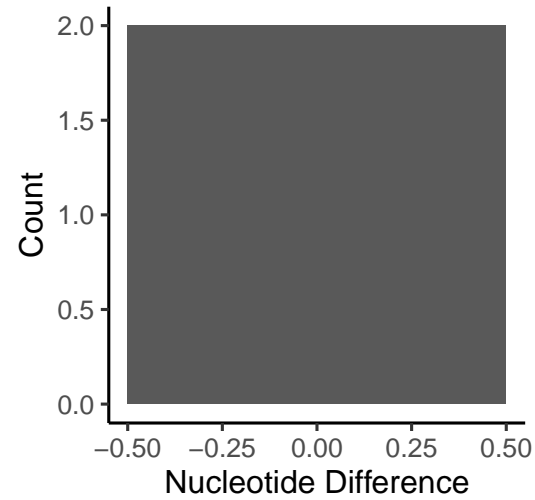
IGKV3-20*01

1038 sequences assigned
812 (78.2%) exact matches, in which:
592 unique CDR3
5 unique J



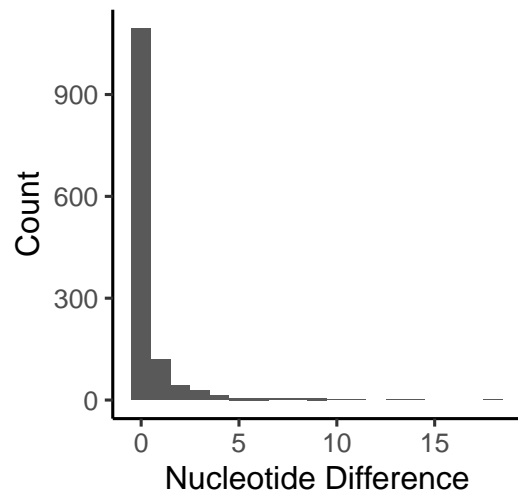
IGKV3D-7*01

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



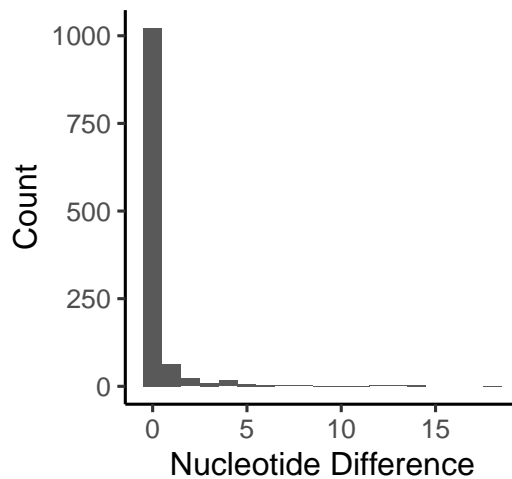
IGKV3-11*01

1334 sequences assigned
1095 (82.1%) exact matches, in which:
742 unique CDR3
5 unique J



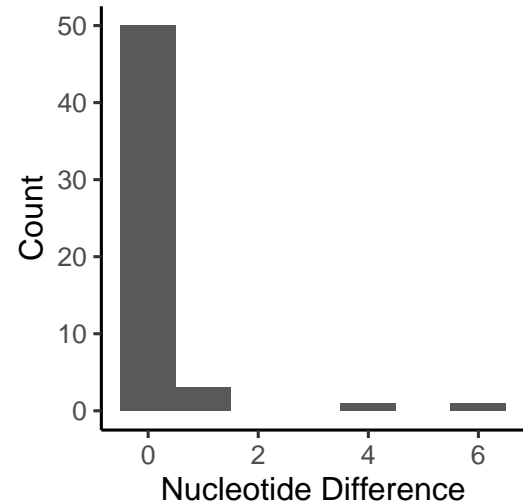
IGKV4-1*01

1163 sequences assigned
1022 (87.9%) exact matches, in which:
594 unique CDR3
5 unique J



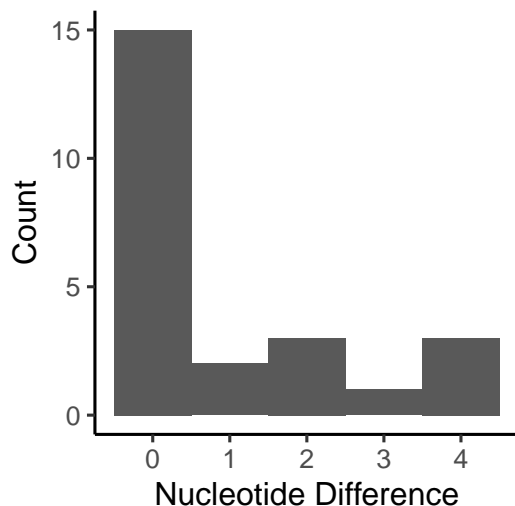
IGKV1D-8*01

55 sequences assigned
50 (90.9%) exact matches, in which:
32 unique CDR3
5 unique J



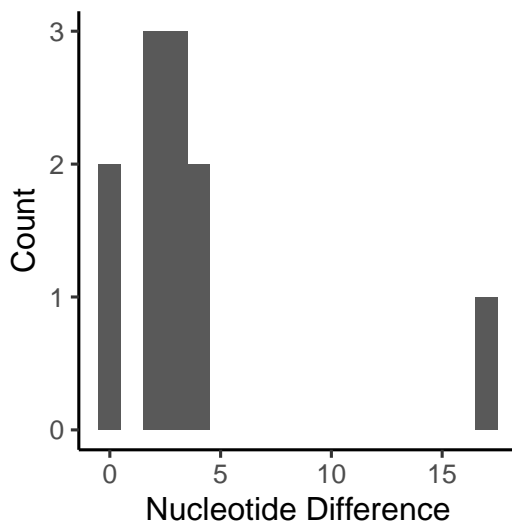
IGKV1D-8*03

24 sequences assigned
15 (62.5%) exact matches, in which:
14 unique CDR3
3 unique J



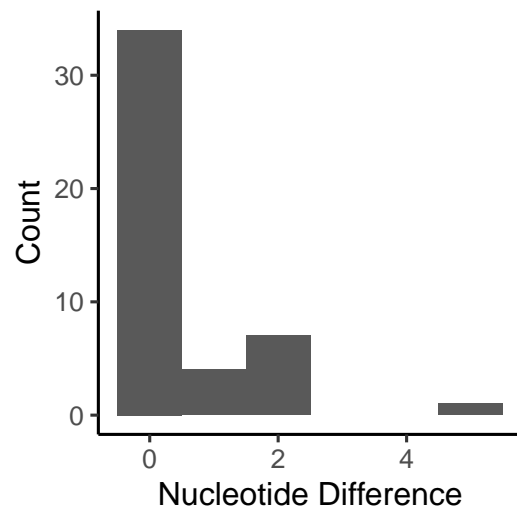
IGKV3D-11*02_C247T

11 sequences assigned
2 (18.2%) exact matches, in which:
2 unique CDR3
1 unique J



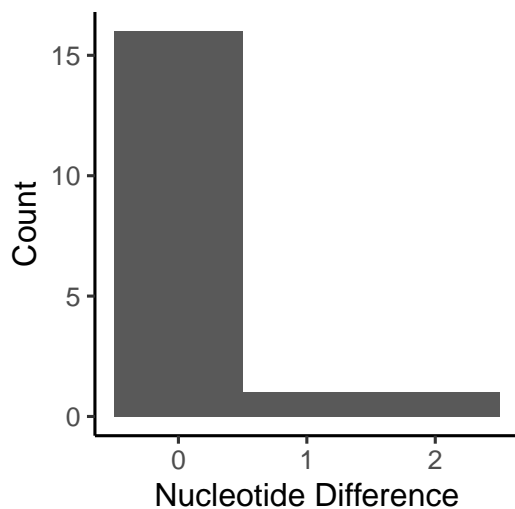
IGKV3D-20*01

46 sequences assigned
34 (73.9%) exact matches, in which:
30 unique CDR3
5 unique J



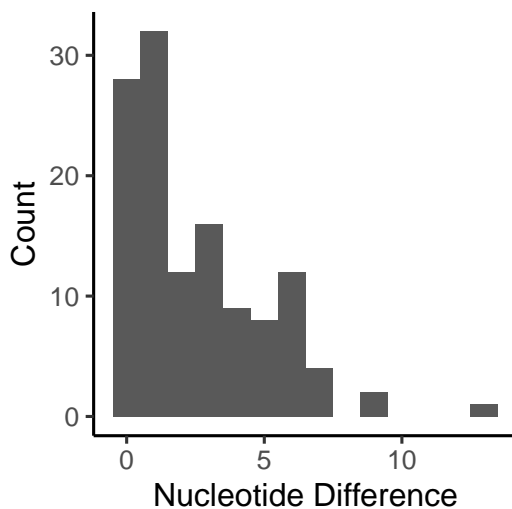
IGKV3D-11*02

18 sequences assigned
16 (88.9%) exact matches, in which:
16 unique CDR3
4 unique J



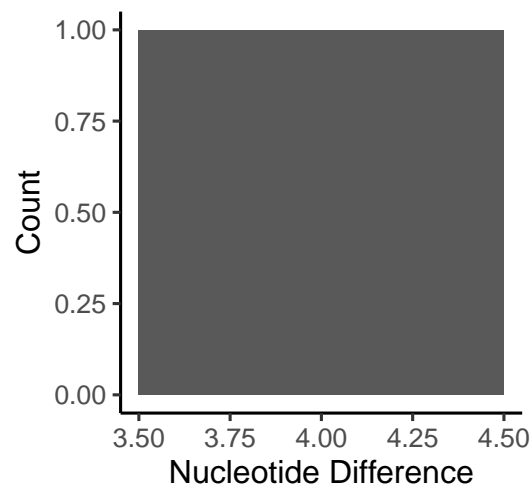
IGKV3D-15*01

124 sequences assigned
28 (22.6%) exact matches, in which:
26 unique CDR3
5 unique J



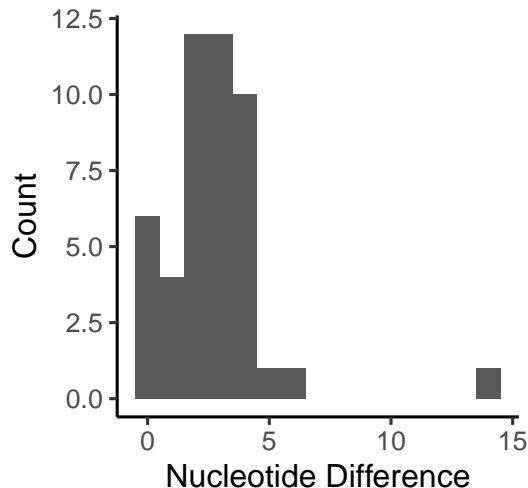
IGKV3D-20*02

1 sequences assigned
No exact matches.



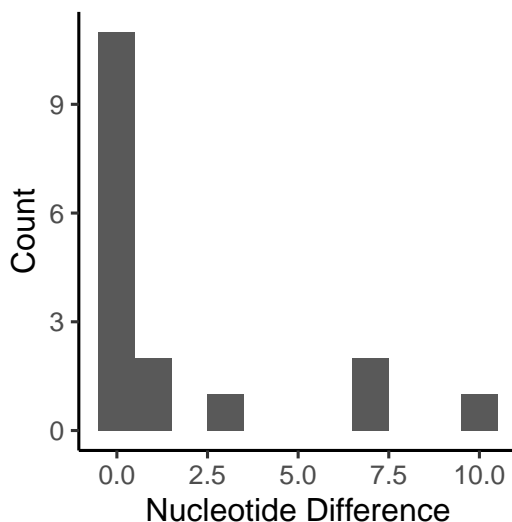
IGKV3D-11*02_A15G_C

47 sequences assigned
6 (12.8%) exact matches, in which:
6 unique CDR3
3 unique J



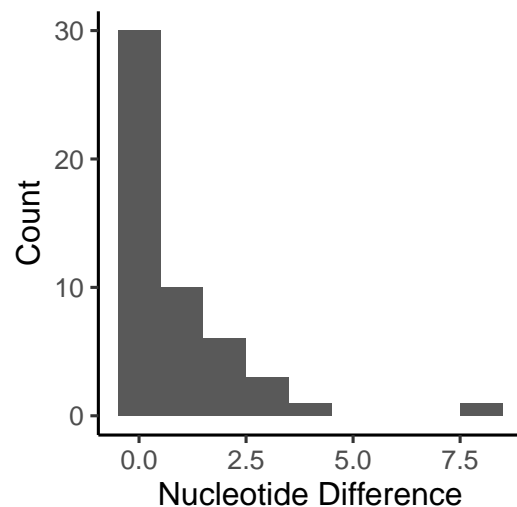
IGKV1D-16*01

17 sequences assigned
11 (64.7%) exact matches, in which:
10 unique CDR3
4 unique J



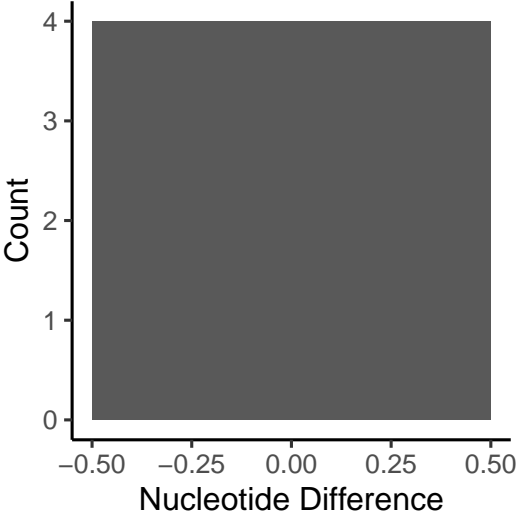
IGKV3D-20*02_C26G_A1

51 sequences assigned
30 (58.8%) exact matches, in which:
30 unique CDR3
5 unique J



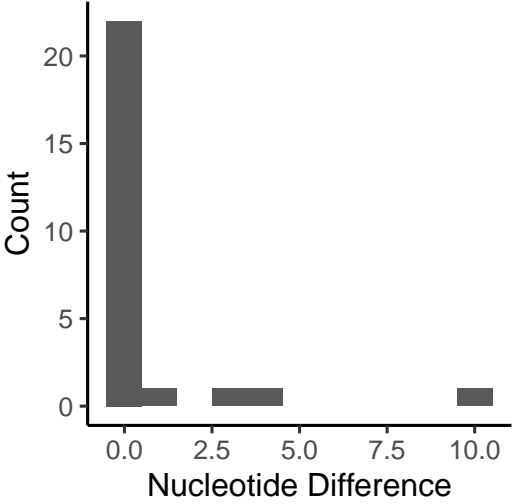
IGKV2D-24*01

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



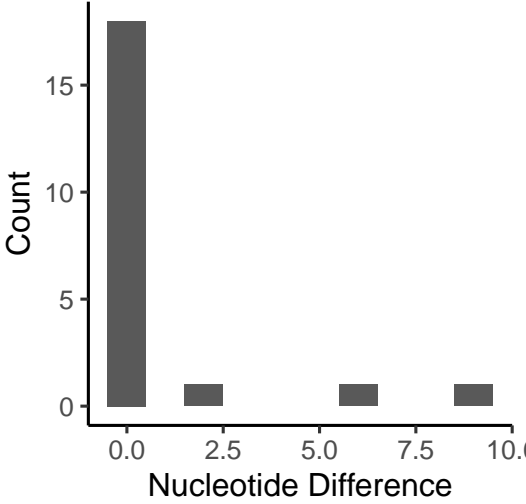
IGKV2D-29*02_A319G

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



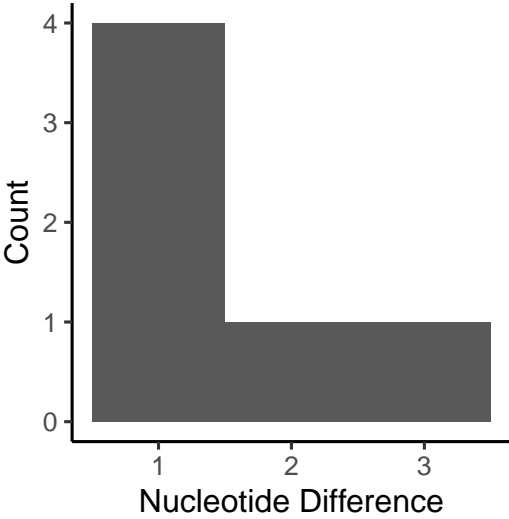
IGKV1D-43*01

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



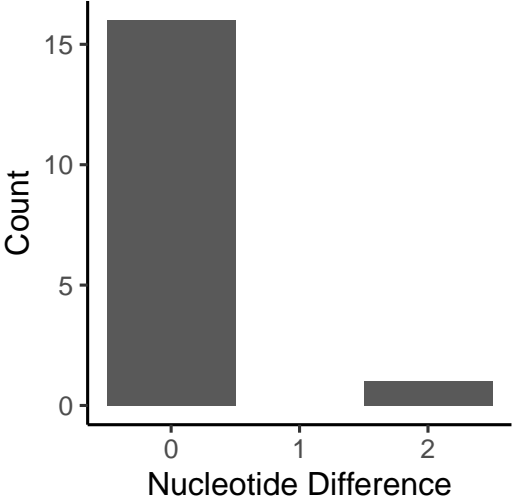
IGKV2D-26*03

6 sequences assigned
No exact matches.



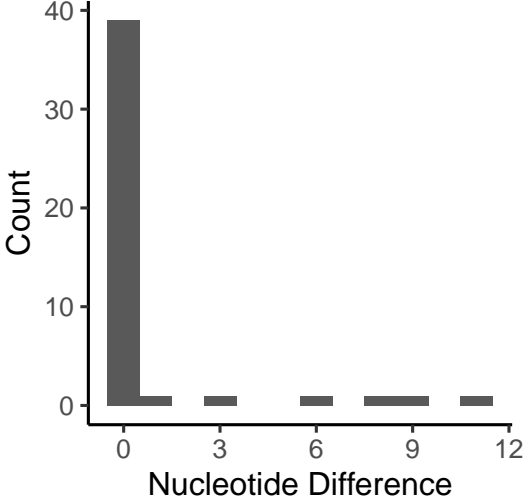
IGKV2D-30*01

17 sequences assigned
16 (94.1%) exact matches, in which:
14 unique CDR3
5 unique J



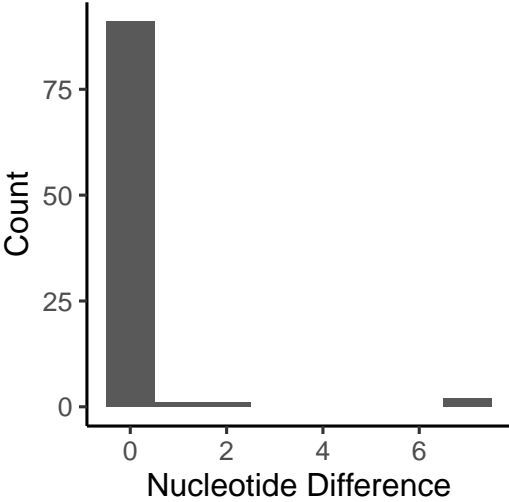
IGKV1E-12*01

45 sequences assigned
39 (86.7%) exact matches, in which:
21 unique CDR3
5 unique J



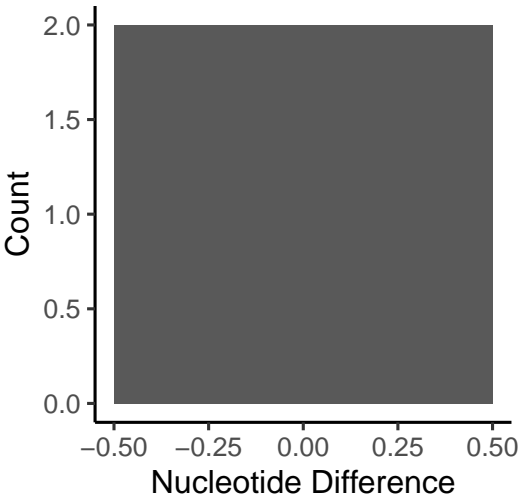
IGKV2D-29*02

95 sequences assigned
91 (95.8%) exact matches, in which:
75 unique CDR3
5 unique J



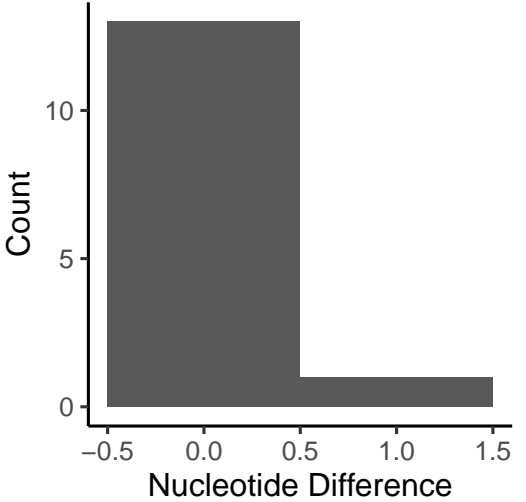
IGKV6D-41*01

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



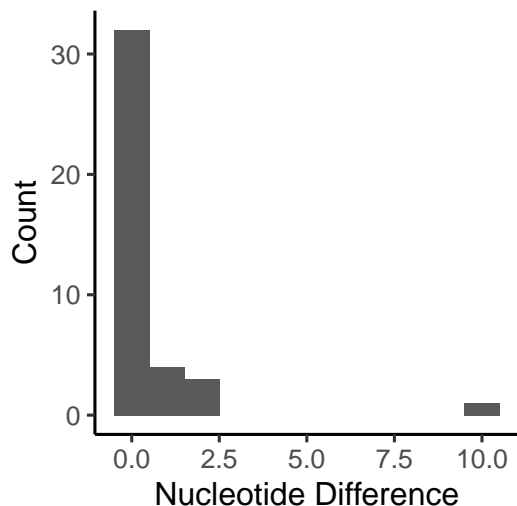
IGKV1E-12*02

14 sequences assigned
13 (92.9%) exact matches, in which:
8 unique CDR3
5 unique J



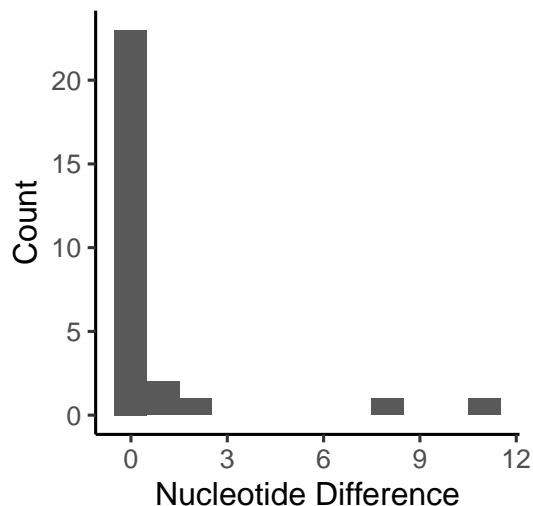
IGKV1E-12*03

40 sequences assigned
32 (80%) exact matches, in which:
24 unique CDR3
5 unique J



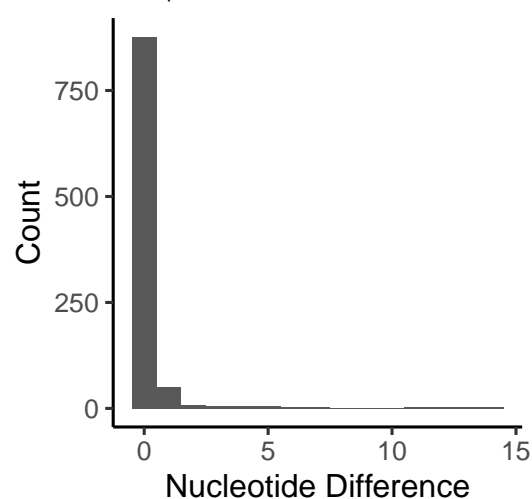
IGKV1E-13*03

28 sequences assigned
23 (82.1%) exact matches, in which:
19 unique CDR3
4 unique J



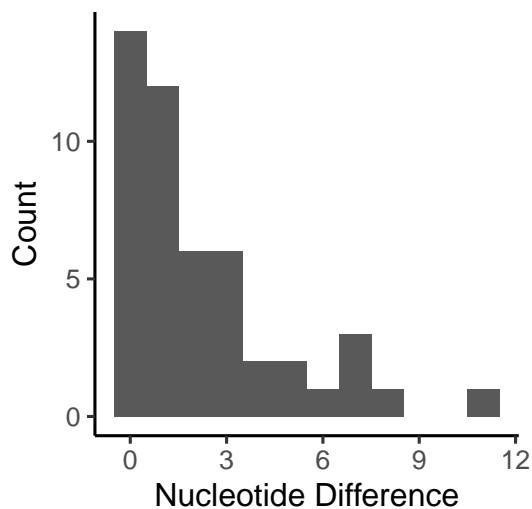
IGKV2E-28*01

977 sequences assigned
877 (89.8%) exact matches, in which:
602 unique CDR3
5 unique J



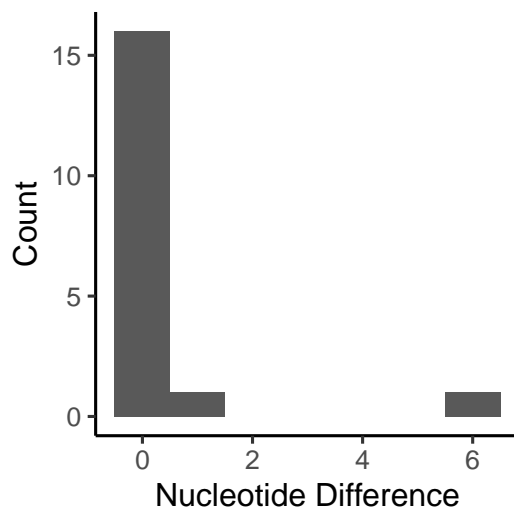
IGKV1E-12*01_T309C

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



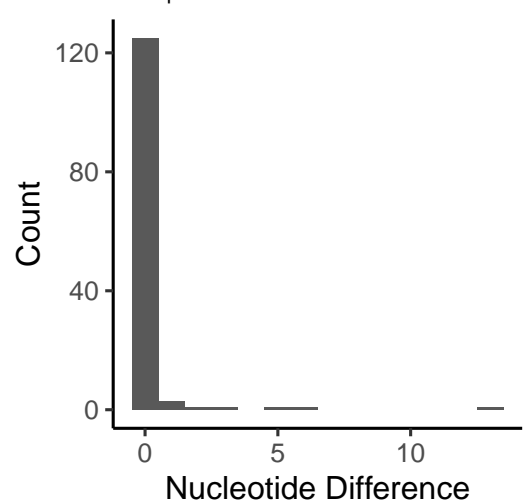
IGKV6E-21*02

18 sequences assigned
16 (88.9%) exact matches, in which:
14 unique CDR3
4 unique J



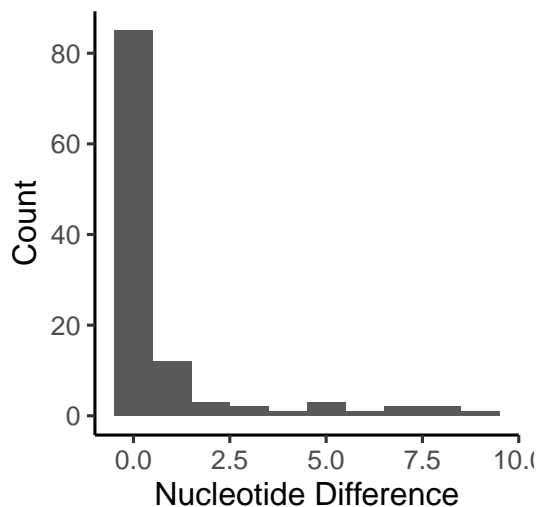
IGKV2E-28*01_G90C

133 sequences assigned
125 (94%) exact matches, in which:
109 unique CDR3
5 unique J



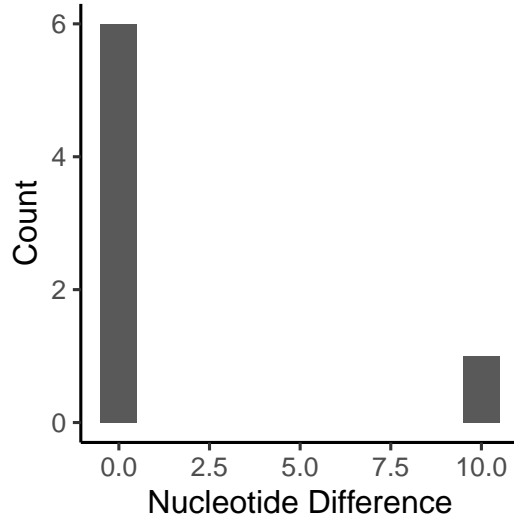
IGKV1E-13*02

112 sequences assigned
85 (75.9%) exact matches, in which:
73 unique CDR3
5 unique J



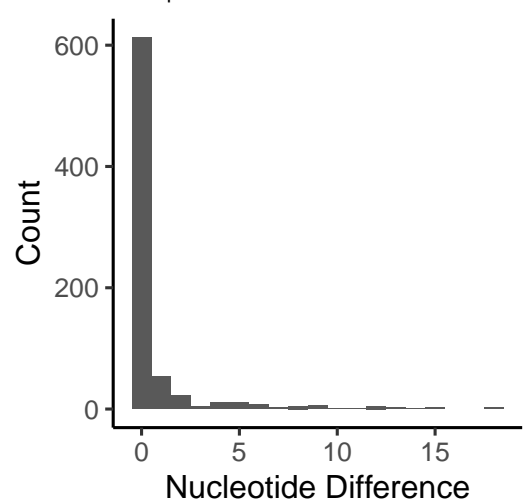
IGKV6E-21*03

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



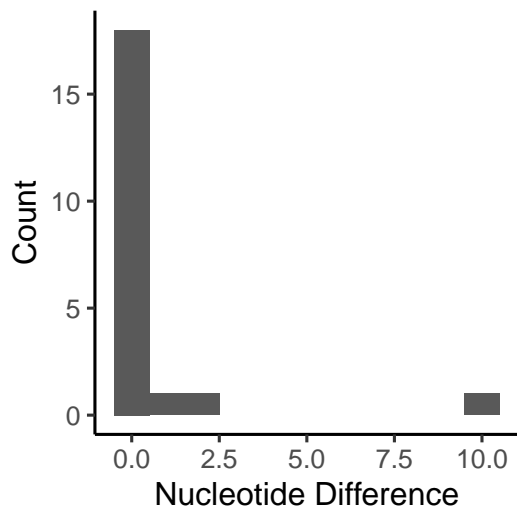
IGKV1E-33*01

752 sequences assigned
613 (81.5%) exact matches, in which:
402 unique CDR3
5 unique J



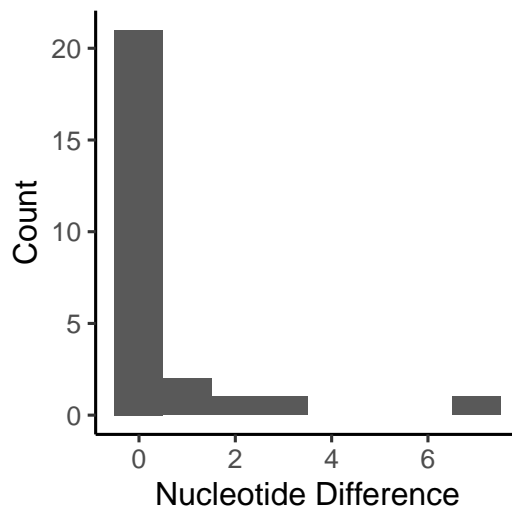
IGKV1E-37*01

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



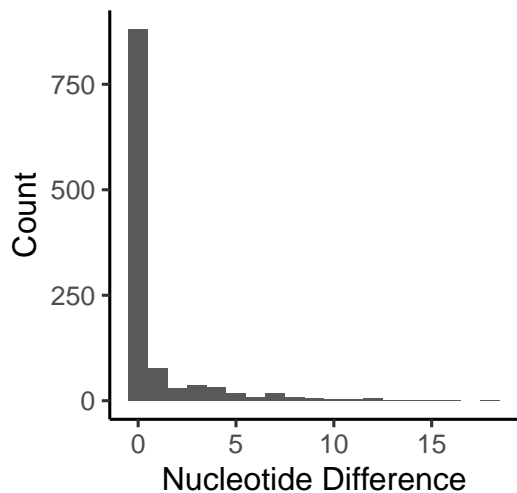
IGKV2E-40*01_C195T

26 sequences assigned
21 (80.8%) exact matches, in which:
15 unique CDR3
4 unique J



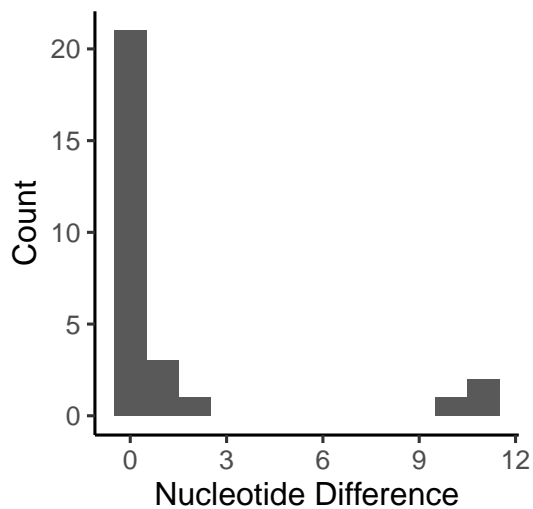
IGKV1E-39*01

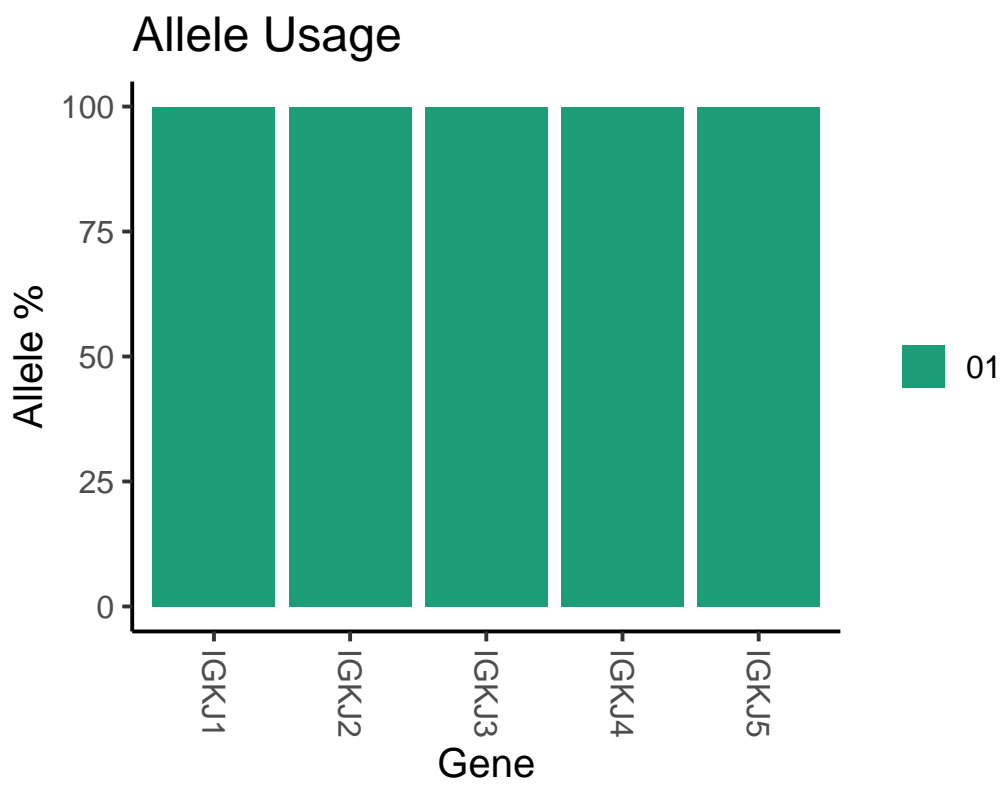
1144 sequences assigned
881 (77%) exact matches, in which:
537 unique CDR3
5 unique J



IGKV2E-40*01

28 sequences assigned
21 (75%) exact matches, in which:
16 unique CDR3
4 unique J





Warning – no inferred sequences found.