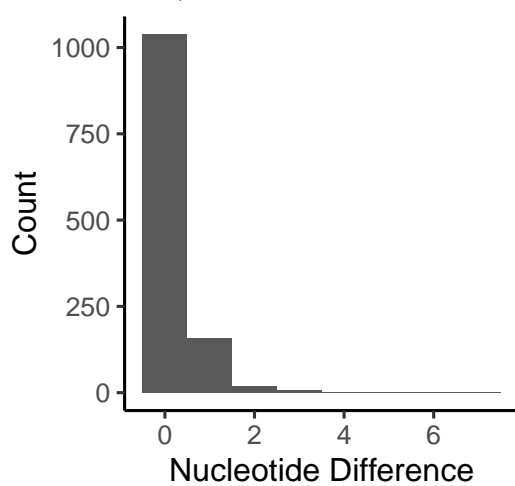


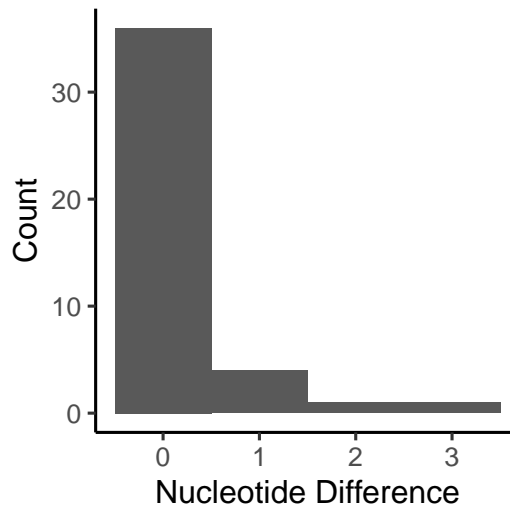
IGKV1-5*01

1228 sequences assigned
1038 (84.5%) exact matches, in which:
859 unique CDR3
6 unique J



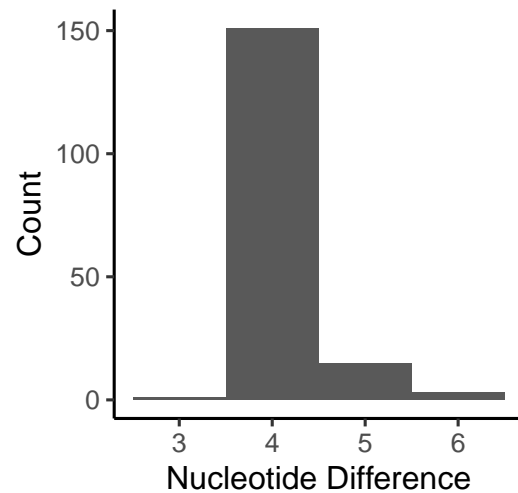
IGKV1-6*01_G9A

42 sequences assigned
36 (85.7%) exact matches, in which:
30 unique CDR3
5 unique J



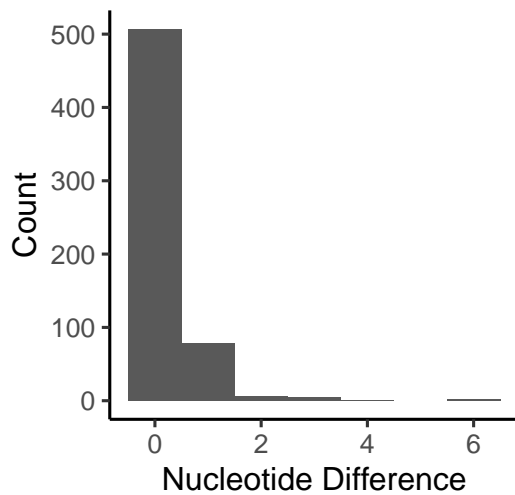
IGKV1-9*01

170 sequences assigned
No exact matches.



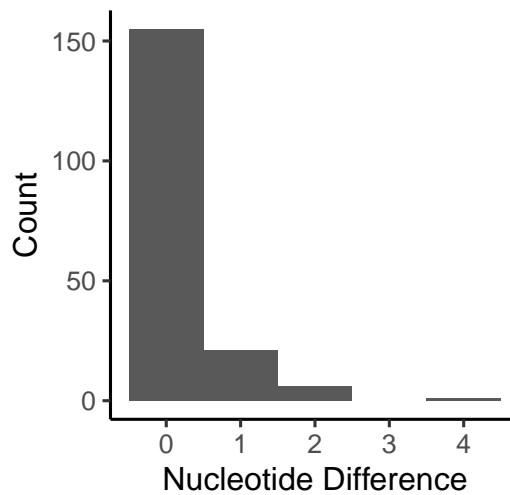
IGKV1-5*03

599 sequences assigned
507 (84.6%) exact matches, in which:
452 unique CDR3
6 unique J



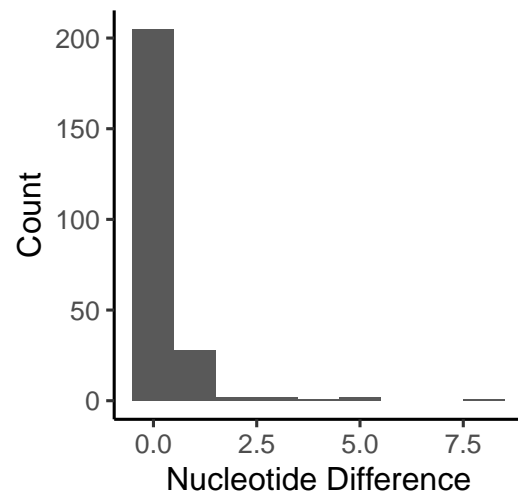
IGKV1-8*01

183 sequences assigned
155 (84.7%) exact matches, in which:
138 unique CDR3
5 unique J



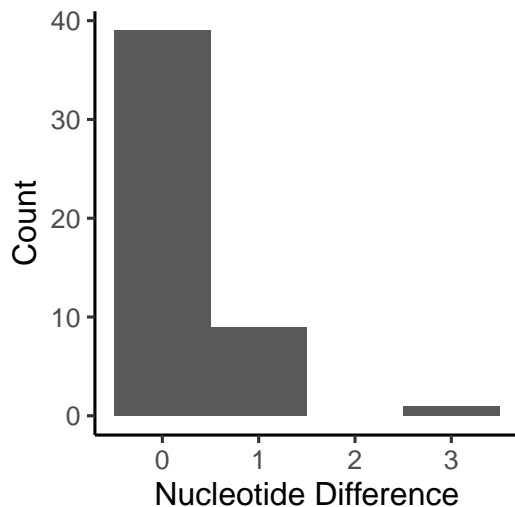
IGKV1-9*01_C70T

241 sequences assigned
205 (85.1%) exact matches, in which:
187 unique CDR3
5 unique J



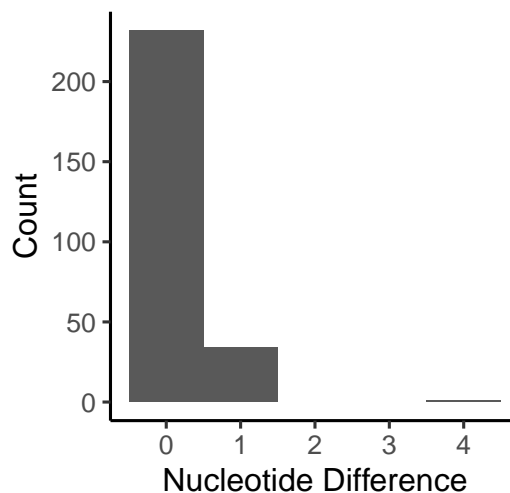
IGKV1-6*01

49 sequences assigned
39 (79.6%) exact matches, in which:
36 unique CDR3
5 unique J



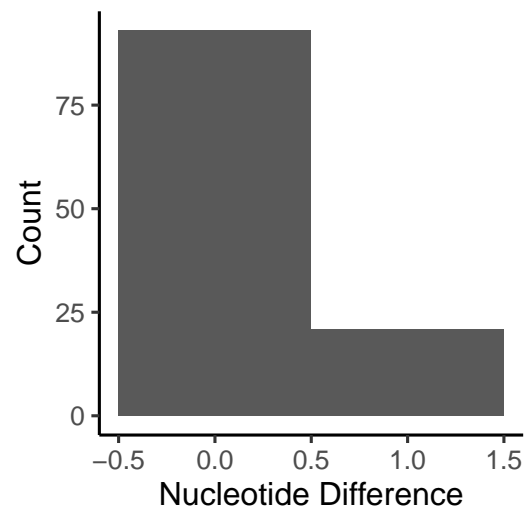
IGKV1-8*01_T31C

267 sequences assigned
232 (86.9%) exact matches, in which:
204 unique CDR3
6 unique J



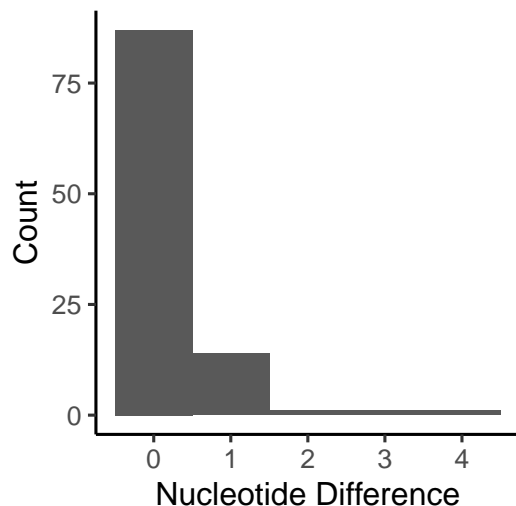
IGKV1-16*02

114 sequences assigned
93 (81.6%) exact matches, in which:
73 unique CDR3
6 unique J



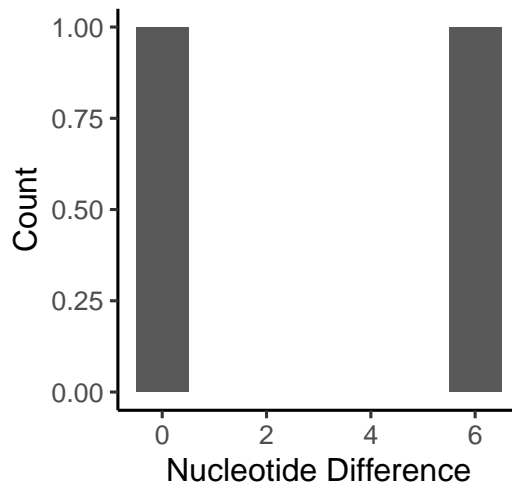
IGKV1-17*01

104 sequences assigned
87 (83.7%) exact matches, in which:
78 unique CDR3
5 unique J



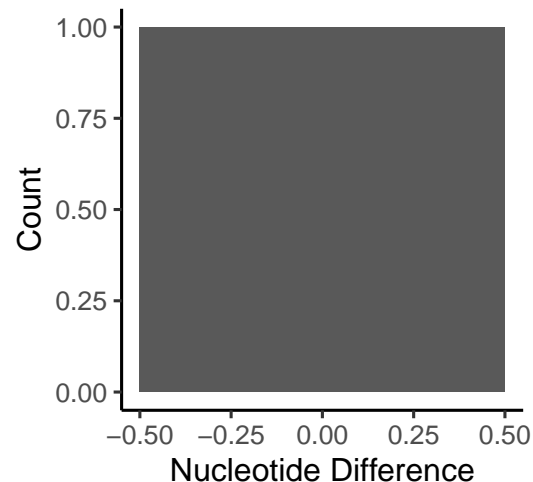
IGKV2/OR22-4*01

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



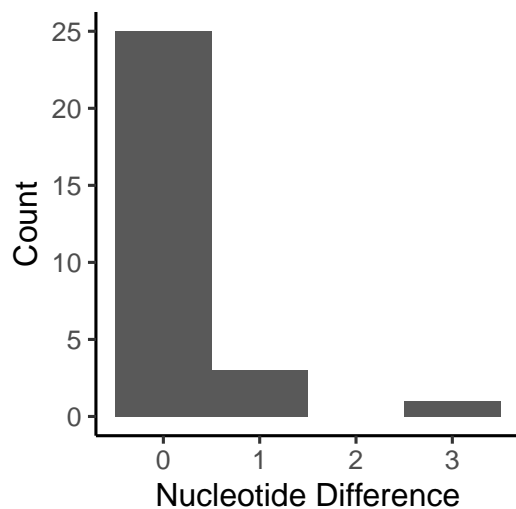
IGKV1/OR2-108*01

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



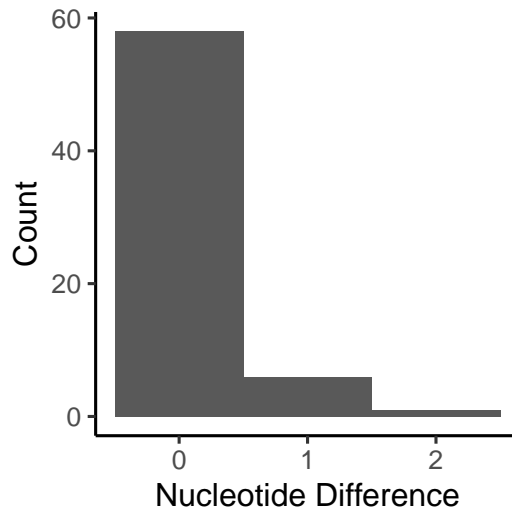
IGKV1-17*03

29 sequences assigned
25 (86.2%) exact matches, in which:
24 unique CDR3
5 unique J



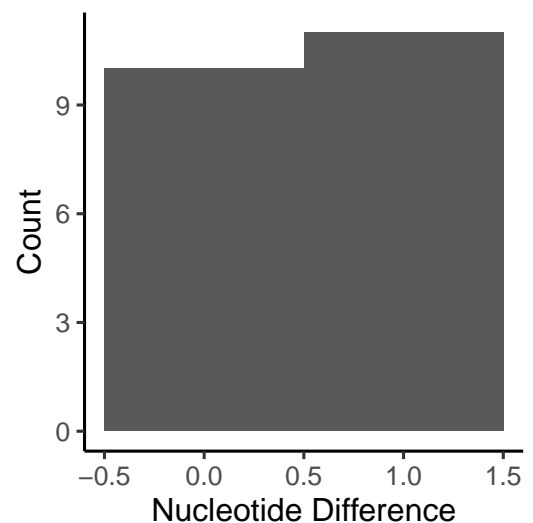
IGKV2-24*01

65 sequences assigned
58 (89.2%) exact matches, in which:
54 unique CDR3
6 unique J



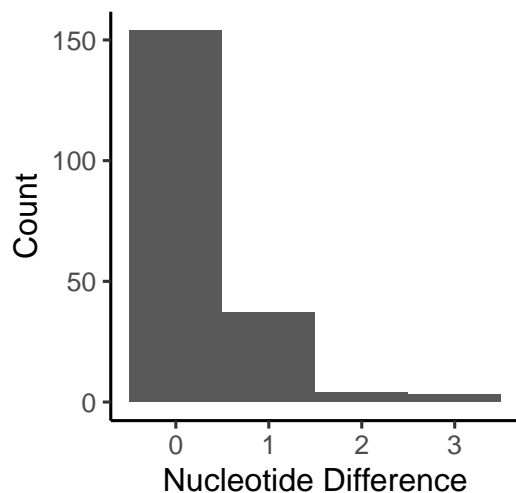
IGKV3-7*04

21 sequences assigned
10 (47.6%) exact matches, in which:
10 unique CDR3
4 unique J



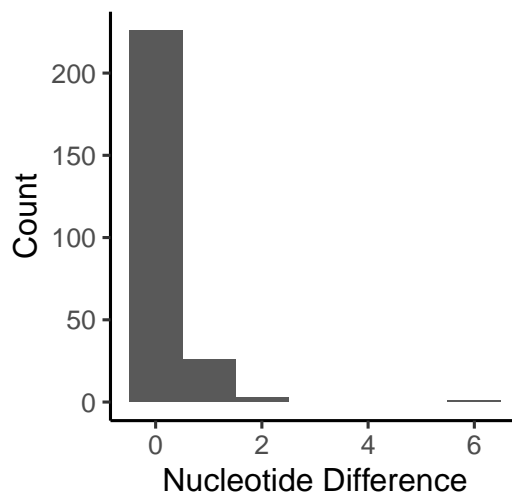
IGKV1-27*01

198 sequences assigned
154 (77.8%) exact matches, in which:
127 unique CDR3
6 unique J



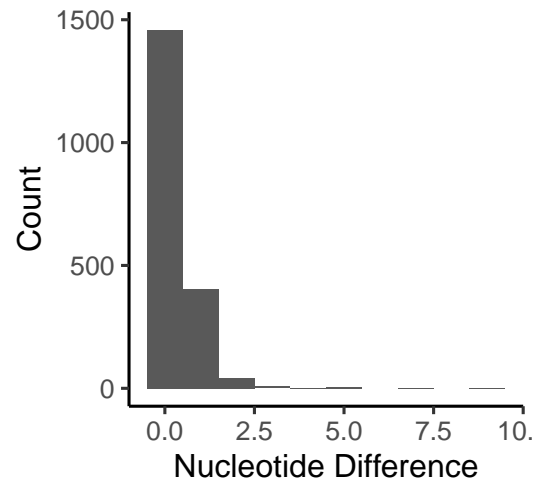
IGKV2-30*01

256 sequences assigned
226 (88.3%) exact matches, in which:
207 unique CDR3
6 unique J



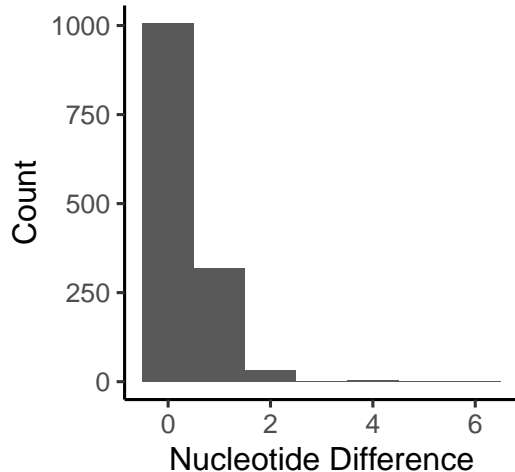
IGKV3-11*01

1920 sequences assigned
1458 (75.9%) exact matches, in which:
1170 unique CDR3
6 unique J



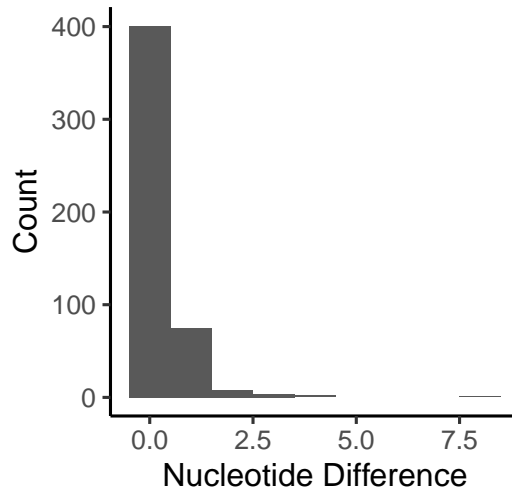
IGKV3-15*01

1366 sequences assigned
1006 (73.6%) exact matches, in which:
827 unique CDR3
6 unique J



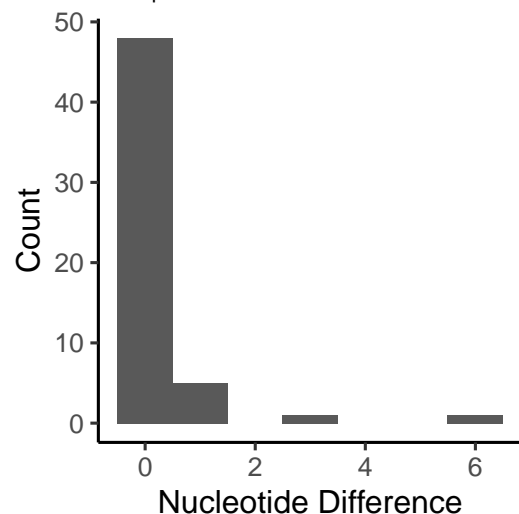
IGKV4-1*01_A318G

491 sequences assigned
401 (81.7%) exact matches, in which:
329 unique CDR3
6 unique J



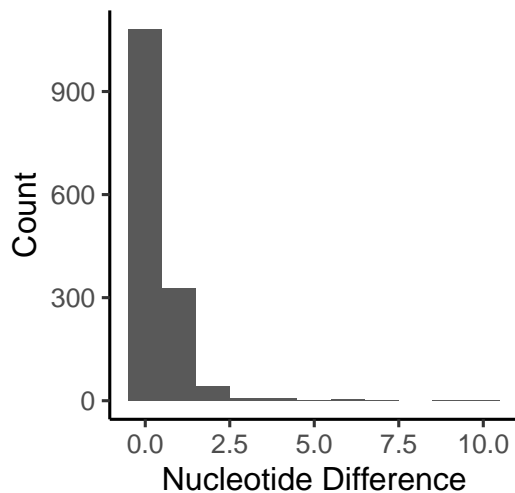
IGKV1D-8*02

55 sequences assigned
48 (87.3%) exact matches, in which:
46 unique CDR3
5 unique J



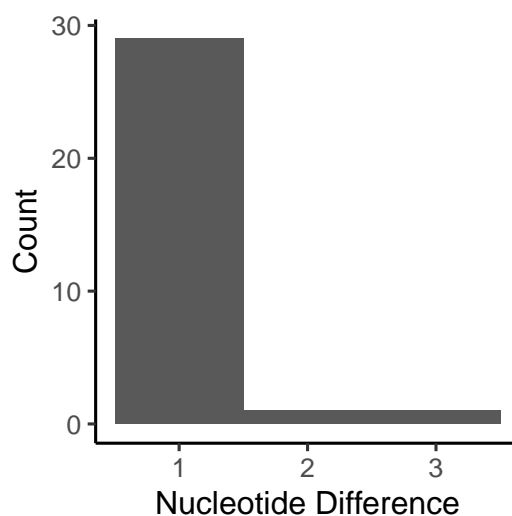
IGKV3-20*01

1471 sequences assigned
1082 (73.6%) exact matches, in which:
912 unique CDR3
6 unique J



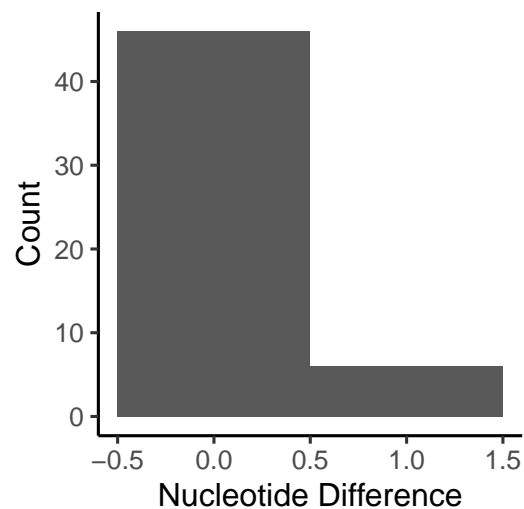
IGKV5-2*01

31 sequences assigned
No exact matches.



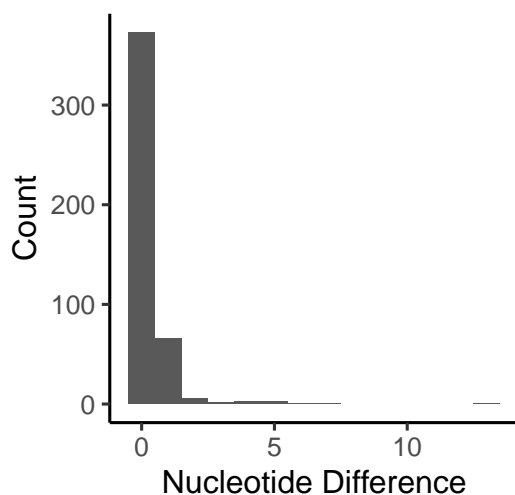
IGKV1D-8*03

52 sequences assigned
46 (88.5%) exact matches, in which:
43 unique CDR3
5 unique J



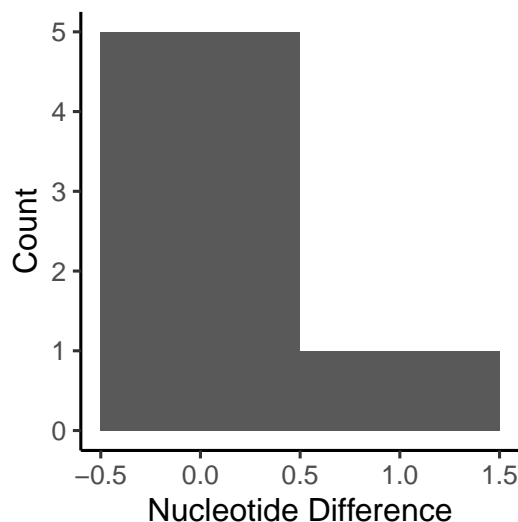
IGKV4-1*01

456 sequences assigned
373 (81.8%) exact matches, in which:
322 unique CDR3
6 unique J



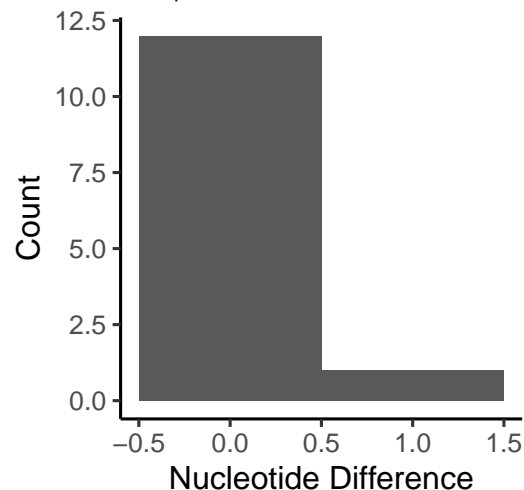
IGKV3D-7*01

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



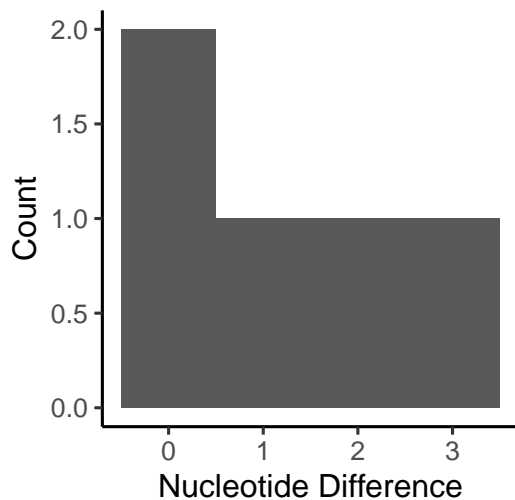
IGKV3D-11*02

13 sequences assigned
12 (92.3%) exact matches, in which:
11 unique CDR3
4 unique J



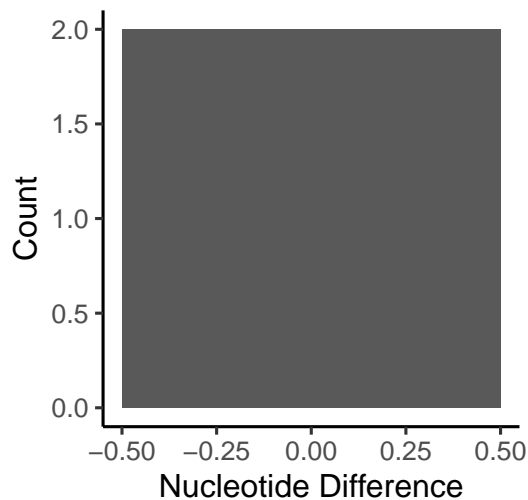
IGKV3D-15*01

5 sequences assigned
2 (40%) exact matches, in which:
1 unique CDR3
1 unique J



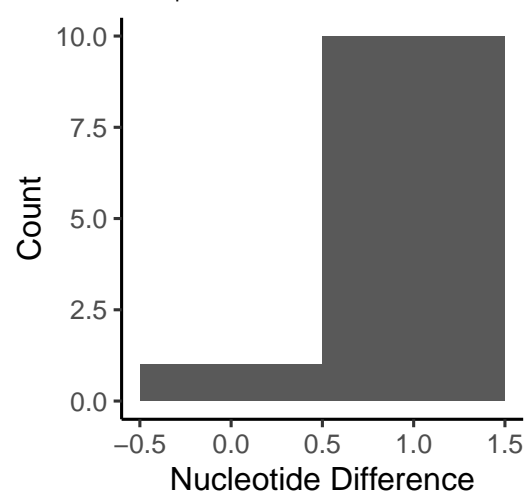
IGKV1D-17*01

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



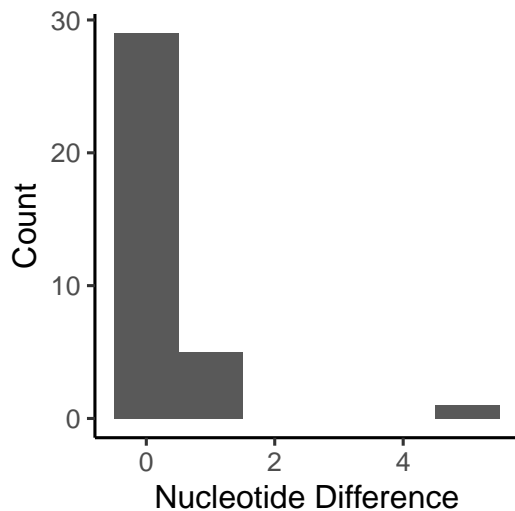
IGKV2D-26*03

11 sequences assigned
1 (9.1%) exact matches, in which:
1 unique CDR3
1 unique J



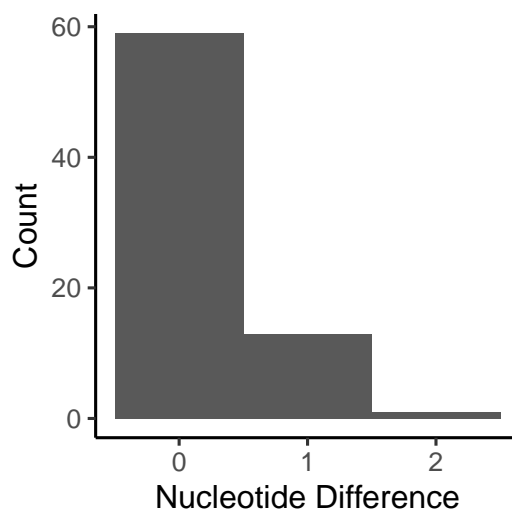
IGKV3D-15*03

35 sequences assigned
29 (82.9%) exact matches, in which:
28 unique CDR3
5 unique J



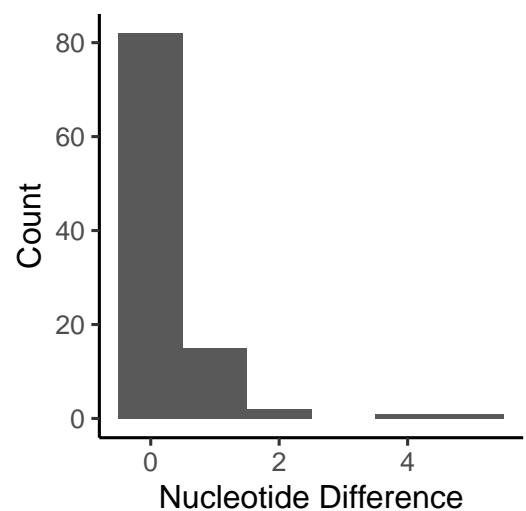
IGKV3D-20*01

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



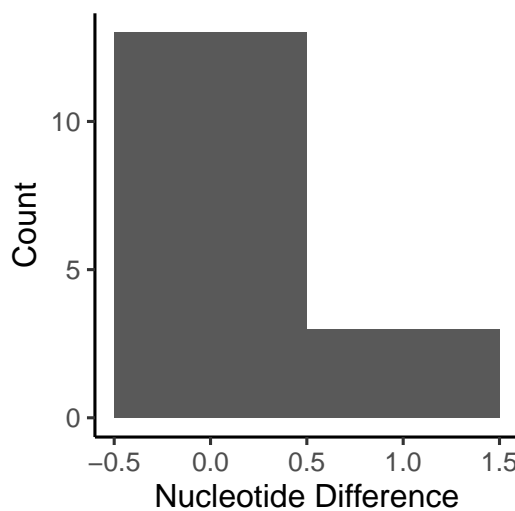
IGKV2D-29*01

101 sequences assigned
82 (81.2%) exact matches, in which:
74 unique CDR3
5 unique J



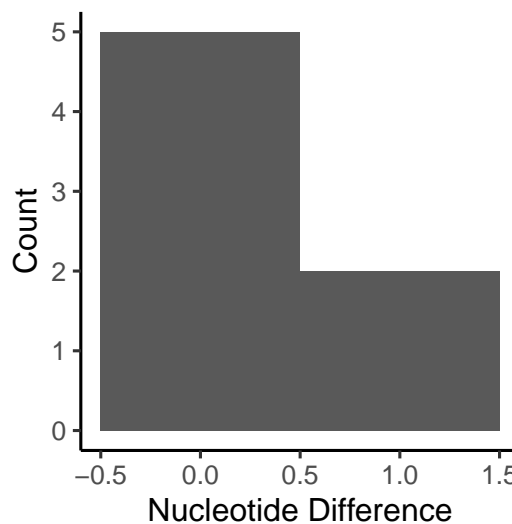
IGKV1D-16*01

16 sequences assigned
13 (81.2%) exact matches, in which:
13 unique CDR3
5 unique J



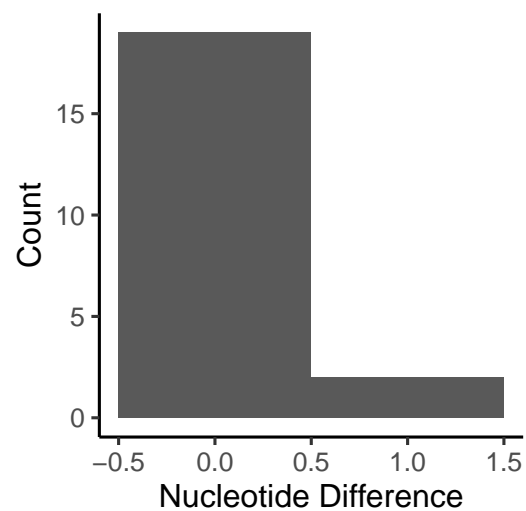
IGKV2D-24*01

7 sequences assigned
5 (71.4%) exact matches, in which:
5 unique CDR3
3 unique J



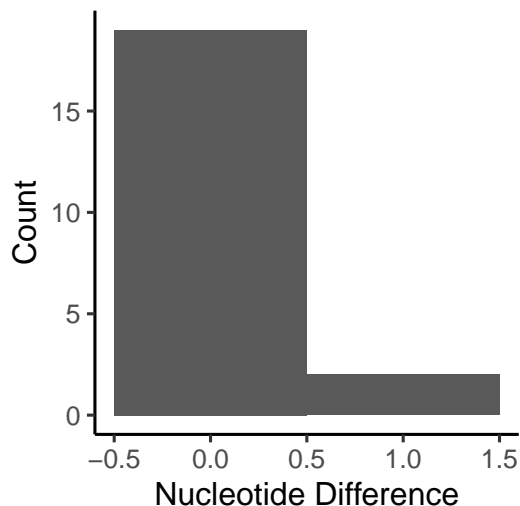
IGKV2D-30*01

21 sequences assigned
19 (90.5%) exact matches, in which:
19 unique CDR3
6 unique J



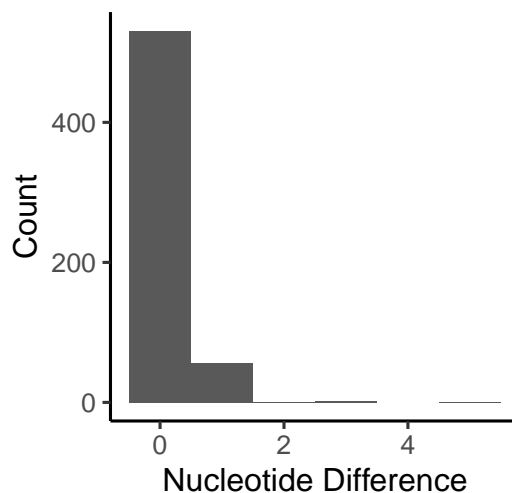
IGKV1D-43*01

21 sequences assigned
19 (90.5%) exact matches, in which:
18 unique CDR3
6 unique J



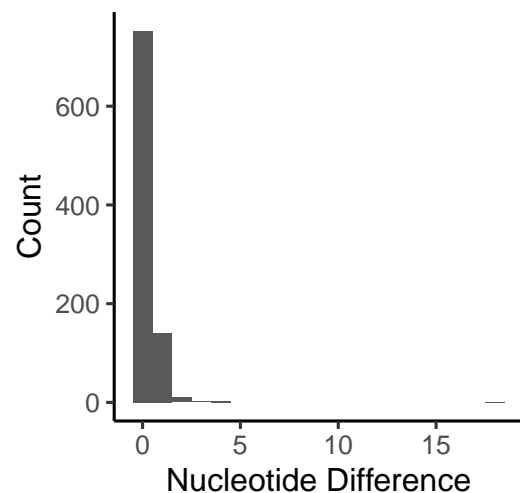
IGKV1E-13*02

591 sequences assigned
531 (89.8%) exact matches, in which:
439 unique CDR3
6 unique J



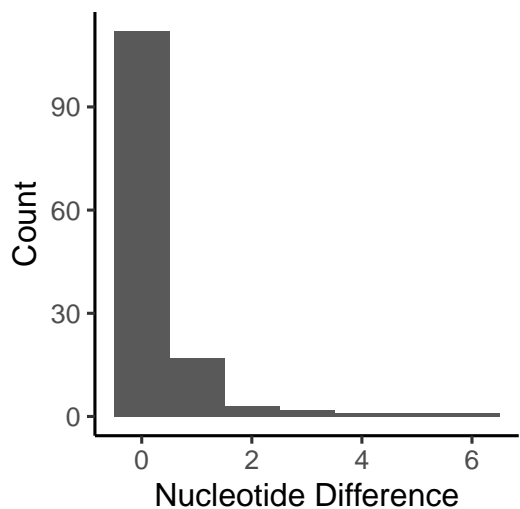
IGKV2E-28*01

909 sequences assigned
753 (82.8%) exact matches, in which:
604 unique CDR3
6 unique J



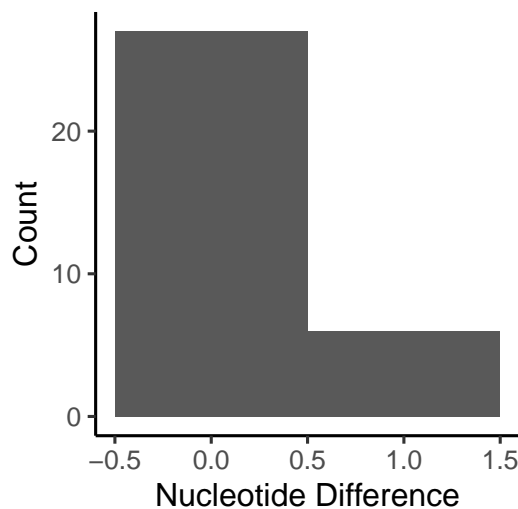
IGKV1E-12*01

137 sequences assigned
112 (81.8%) exact matches, in which:
85 unique CDR3
6 unique J



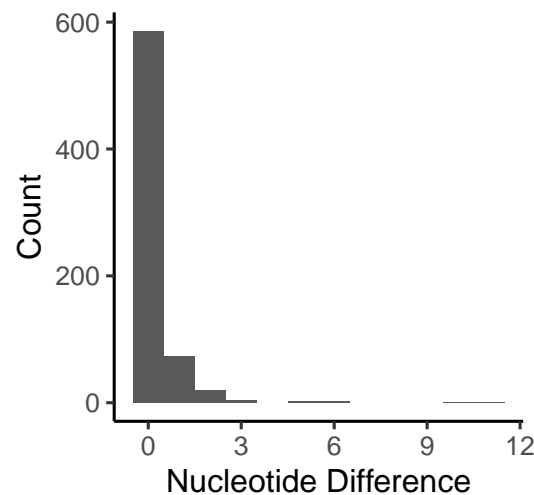
IGKV6E-21*01

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



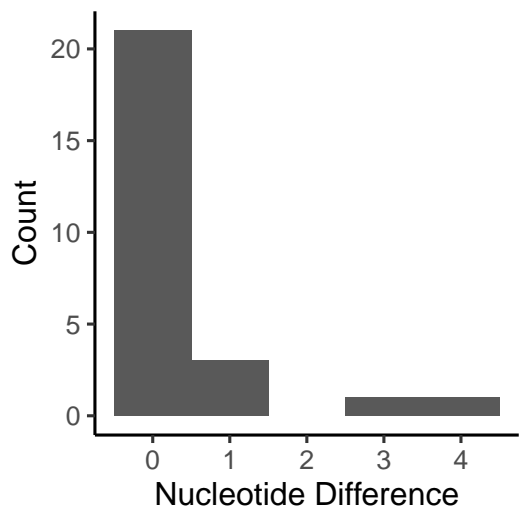
IGKV1E-33*01

689 sequences assigned
586 (85.1%) exact matches, in which:
472 unique CDR3
6 unique J



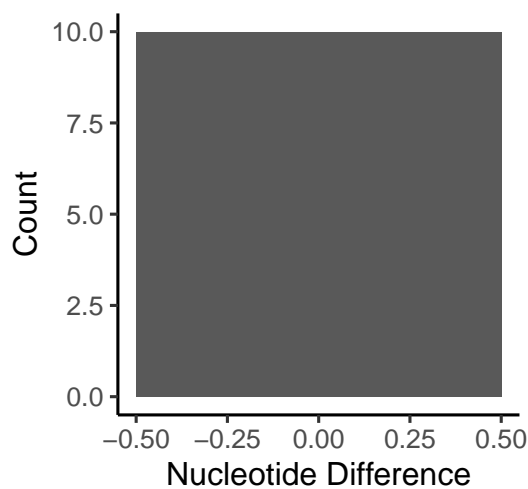
IGKV1E-12*02

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



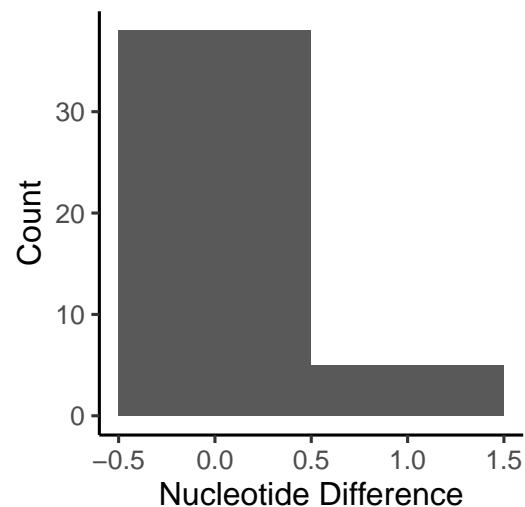
IGKV6E-21*03

10 sequences assigned
10 (100%) exact matches, in which:
10 unique CDR3
4 unique J



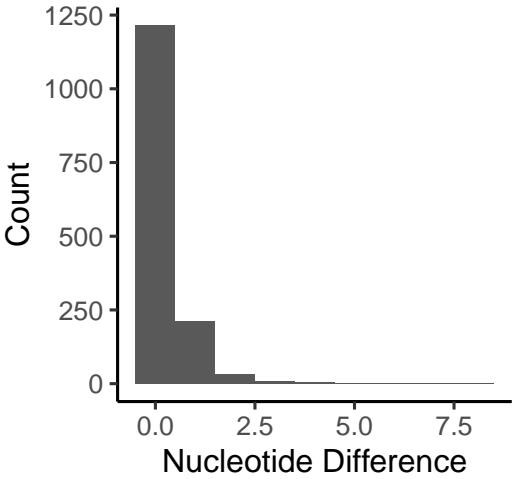
IGKV1E-37*01

43 sequences assigned
38 (88.4%) exact matches, in which:
37 unique CDR3
6 unique J



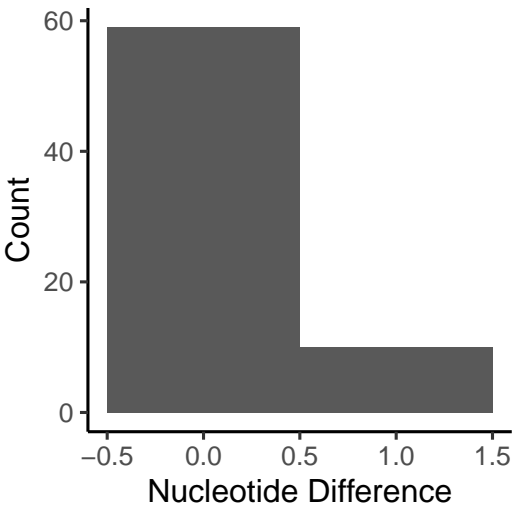
IGKV1E-39*01

1477 sequences assigned
1215 (82.3%) exact matches, in which:
960 unique CDR3
6 unique J

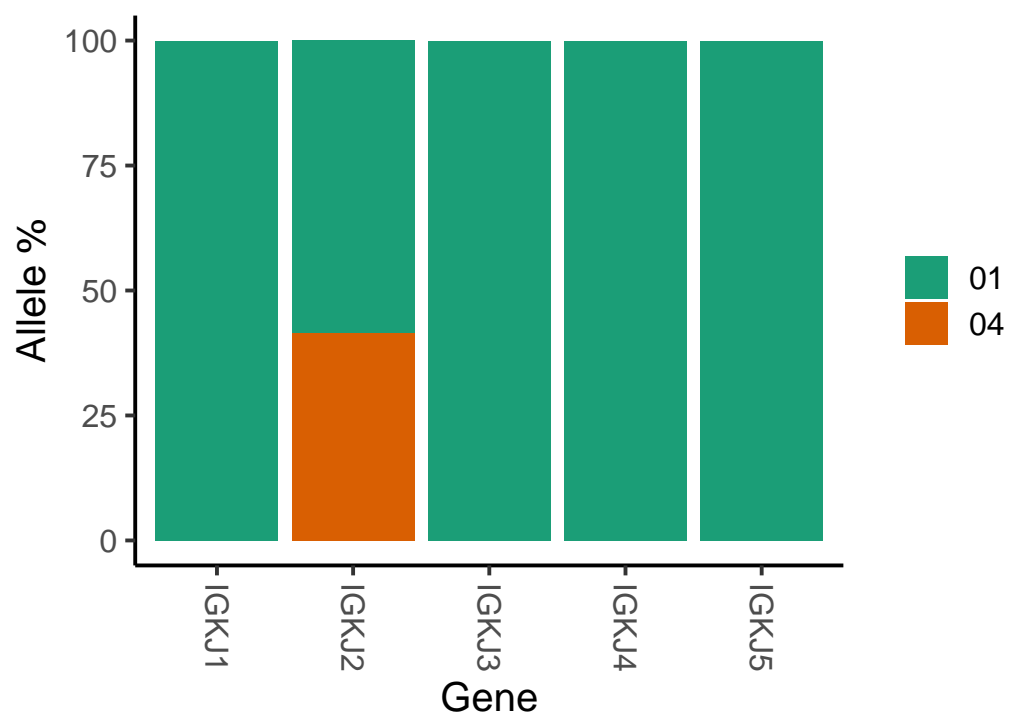


IGKV2E-40*01

69 sequences assigned
59 (85.5%) exact matches, in which:
47 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.