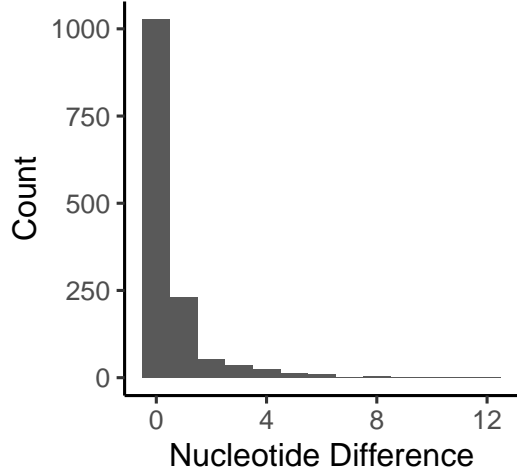


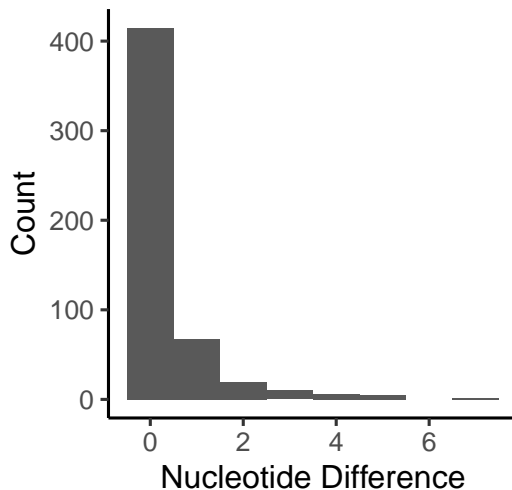
IGKV1-5*03

1405 sequences assigned
1027 (73.1%) exact matches, in which:
680 unique CDR3
5 unique J



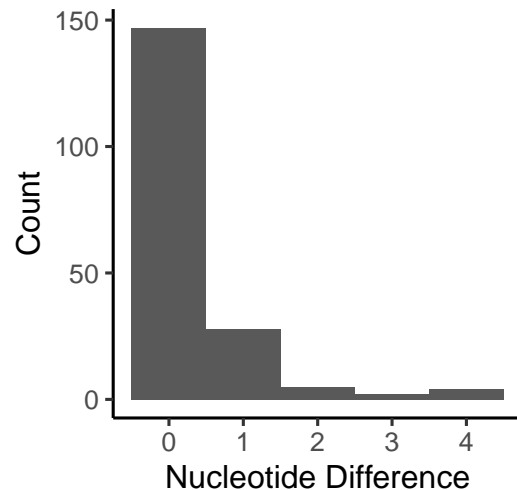
IGKV1-9*01

524 sequences assigned
415 (79.2%) exact matches, in which:
300 unique CDR3
5 unique J



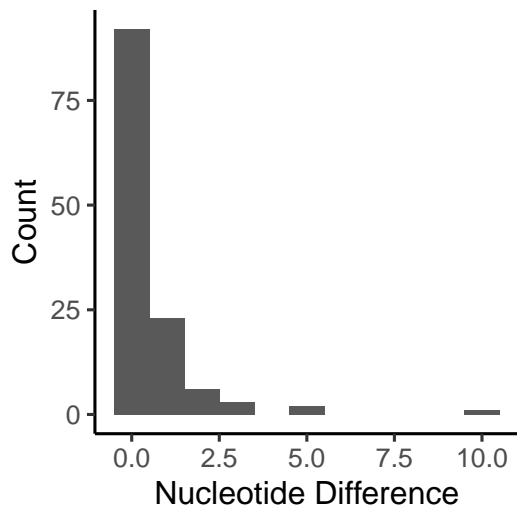
IGKV1-27*01

186 sequences assigned
147 (79%) exact matches, in which:
108 unique CDR3
5 unique J



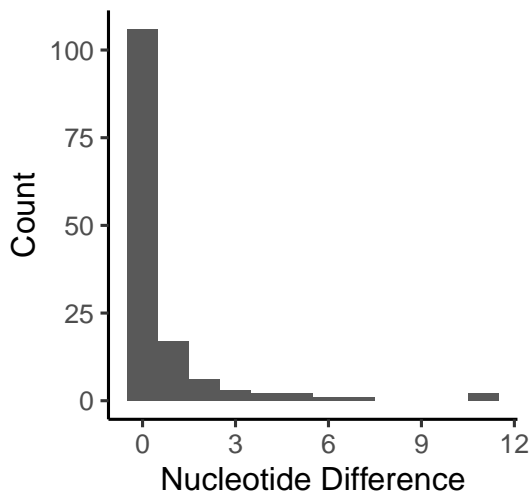
IGKV1-6*01

127 sequences assigned
92 (72.4%) exact matches, in which:
59 unique CDR3
5 unique J



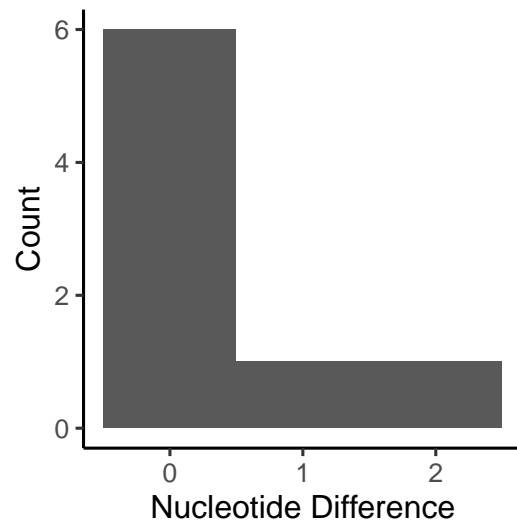
IGKV1-16*02

140 sequences assigned
106 (75.7%) exact matches, in which:
71 unique CDR3
5 unique J



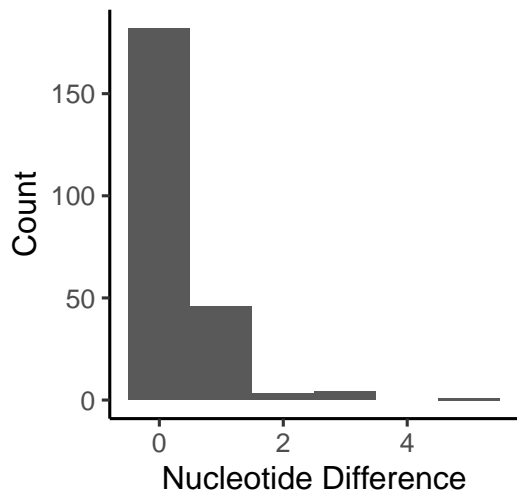
IGKV2/OR22-4*01

8 sequences assigned
6 (75%) exact matches, in which:
6 unique CDR3
3 unique J



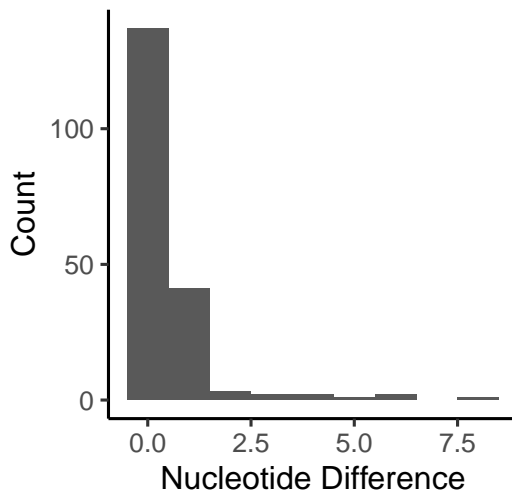
IGKV1-8*01

236 sequences assigned
182 (77.1%) exact matches, in which:
127 unique CDR3
5 unique J



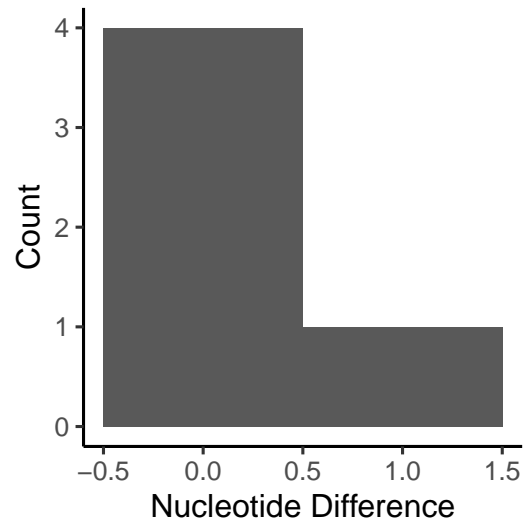
IGKV1-17*01

189 sequences assigned
137 (72.5%) exact matches, in which:
88 unique CDR3
5 unique J



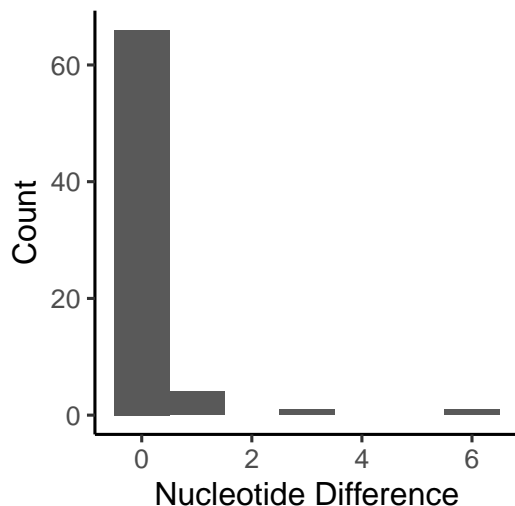
IGKV2-18*01

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
3 unique J



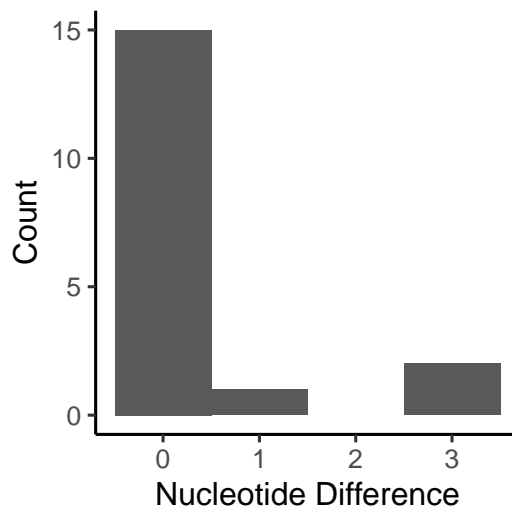
IGKV2-24*01

72 sequences assigned
66 (91.7%) exact matches, in which:
53 unique CDR3
5 unique J



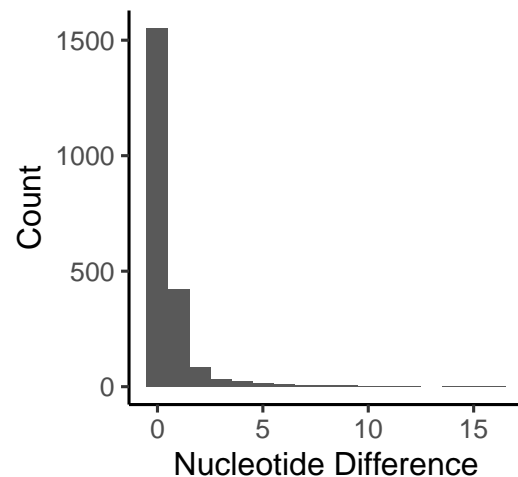
IGKV3-7*04

18 sequences assigned
15 (83.3%) exact matches, in which:
13 unique CDR3
5 unique J



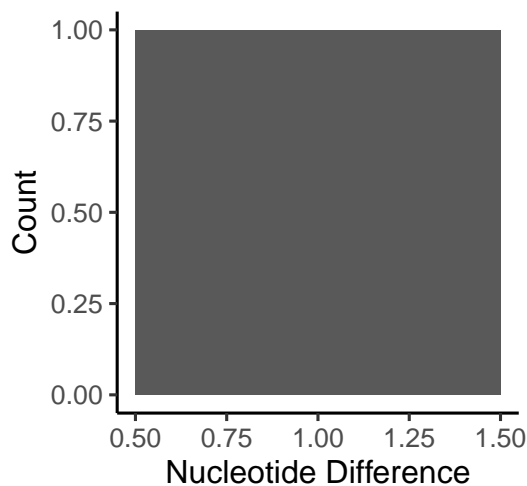
IGKV3-20*01

2170 sequences assigned
1551 (71.5%) exact matches, in which:
1069 unique CDR3
5 unique J



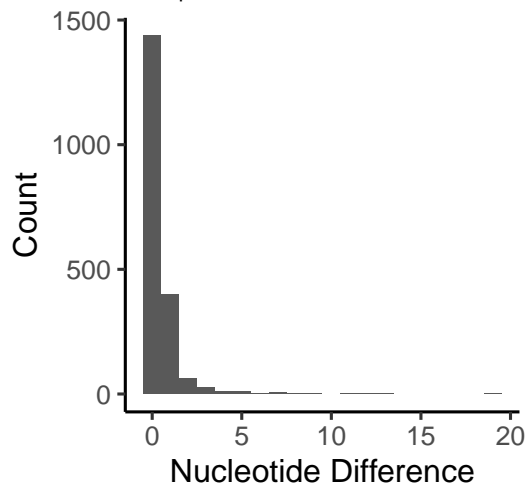
IGKV2-29*01

1 sequences assigned
No exact matches.



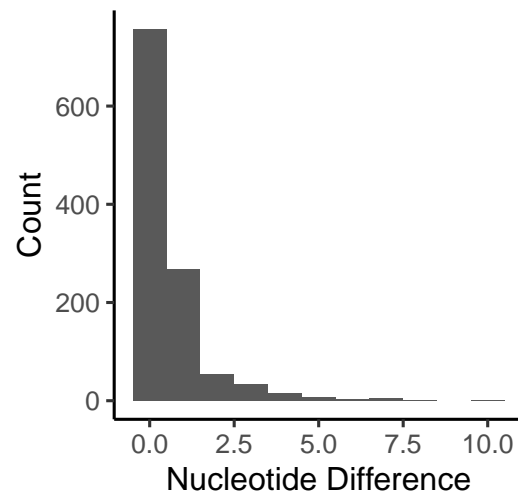
IGKV3-11*01

1964 sequences assigned
1437 (73.2%) exact matches, in which:
927 unique CDR3
5 unique J



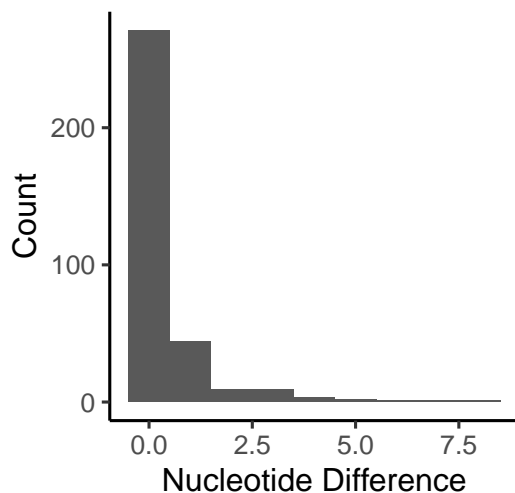
IGKV4-1*01

1146 sequences assigned
757 (66.1%) exact matches, in which:
497 unique CDR3
5 unique J



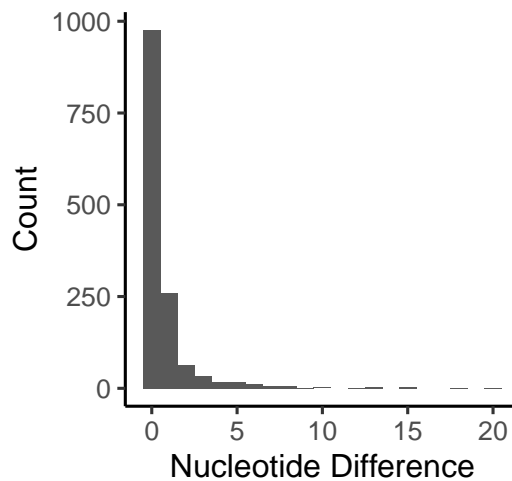
IGKV2-30*01

341 sequences assigned
271 (79.5%) exact matches, in which:
217 unique CDR3
5 unique J



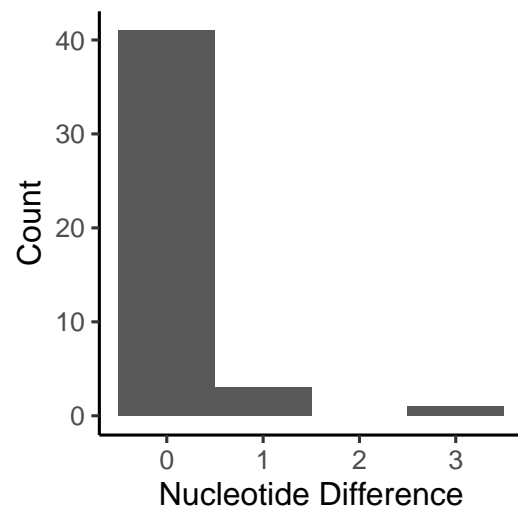
IGKV3-15*01

1409 sequences assigned
976 (69.3%) exact matches, in which:
666 unique CDR3
5 unique J



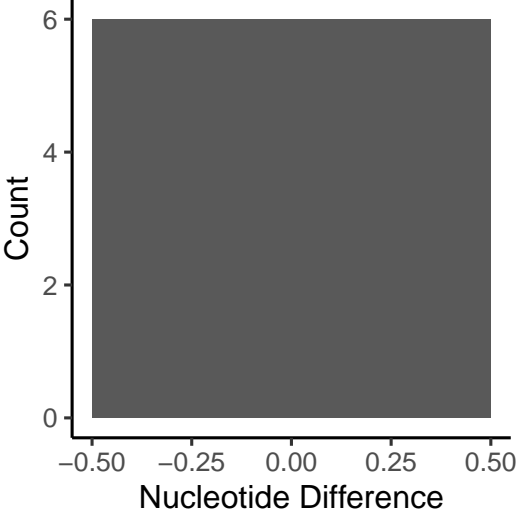
IGKV5-2*01

45 sequences assigned
41 (91.1%) exact matches, in which:
39 unique CDR3
5 unique J



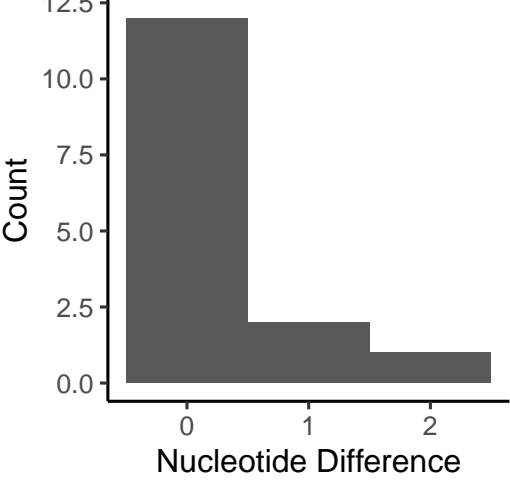
IGKV7-3*01

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



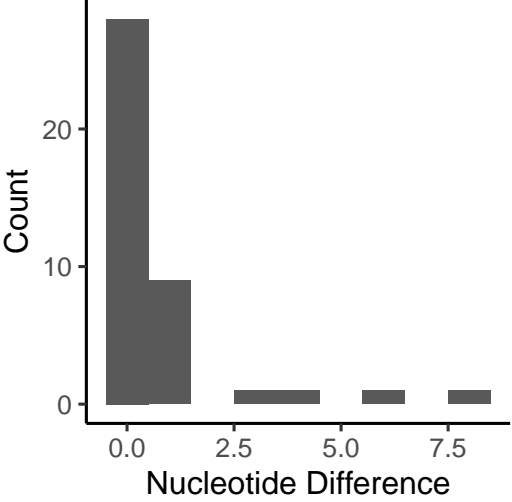
IGKV3D-11*01

15 sequences assigned
12 (80%) exact matches, in which:
10 unique CDR3
3 unique J



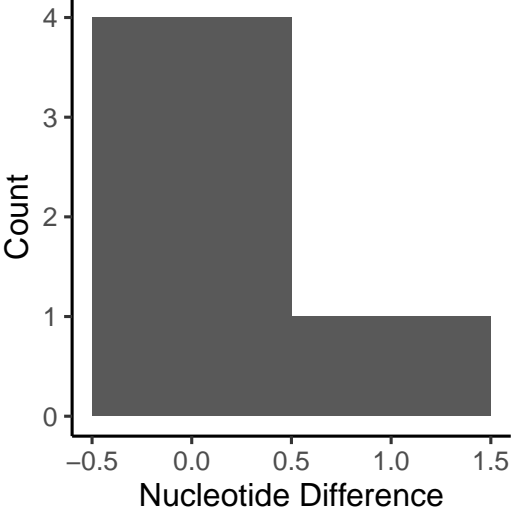
IGKV3D-20*01

41 sequences assigned
28 (68.3%) exact matches, in which:
23 unique CDR3
5 unique J



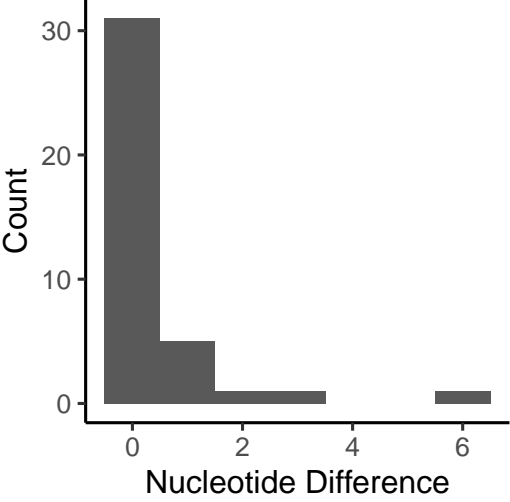
IGKV3D-7*01

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
3 unique J



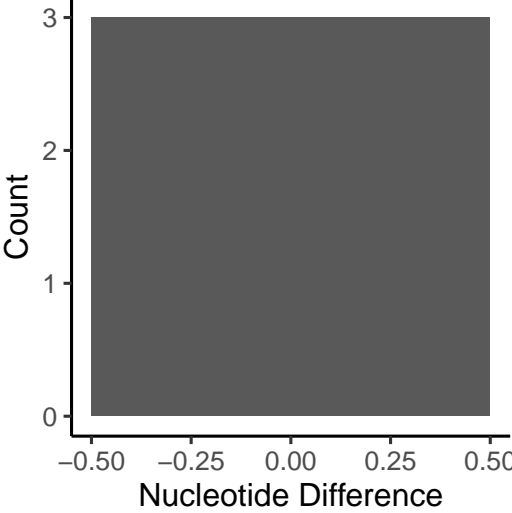
IGKV3D-15*01

39 sequences assigned
31 (79.5%) exact matches, in which:
27 unique CDR3
5 unique J



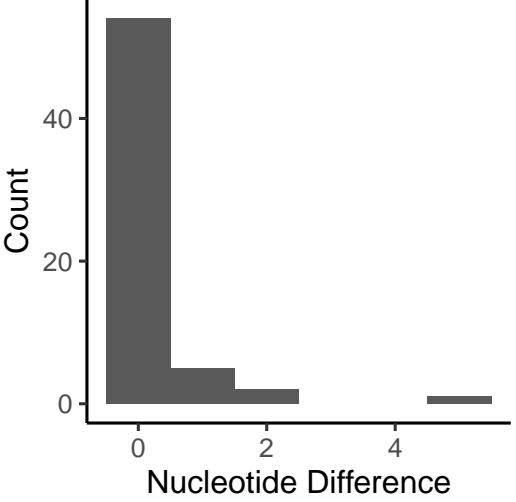
IGKV2D-24*01

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



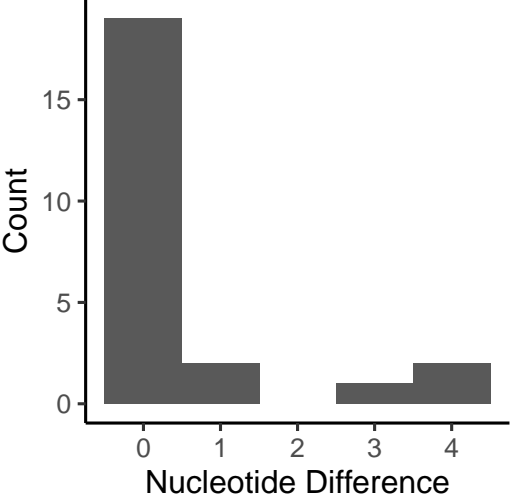
IGKV1D-8*01

62 sequences assigned
54 (87.1%) exact matches, in which:
38 unique CDR3
5 unique J



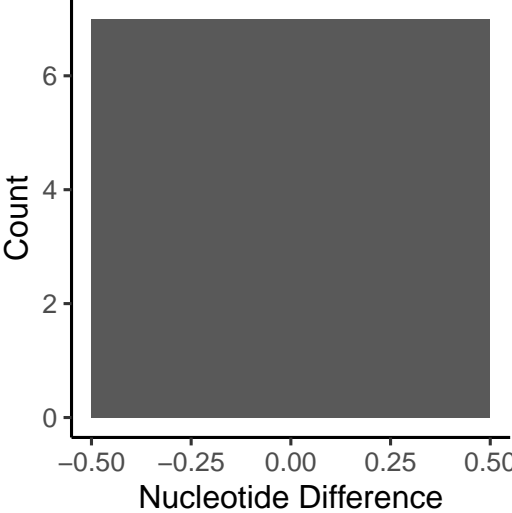
IGKV1D-16*01

24 sequences assigned
19 (79.2%) exact matches, in which:
14 unique CDR3
5 unique J



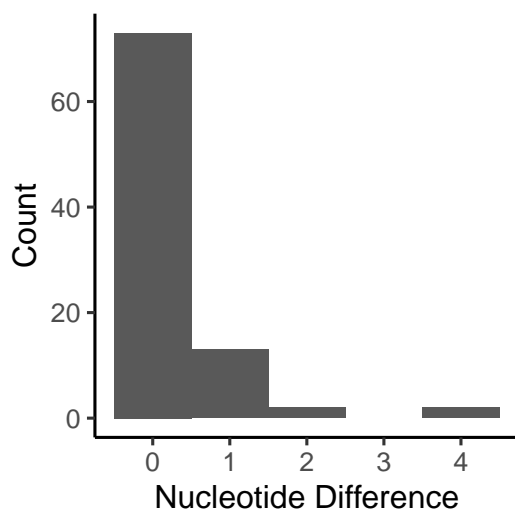
IGKV2D-26*03

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



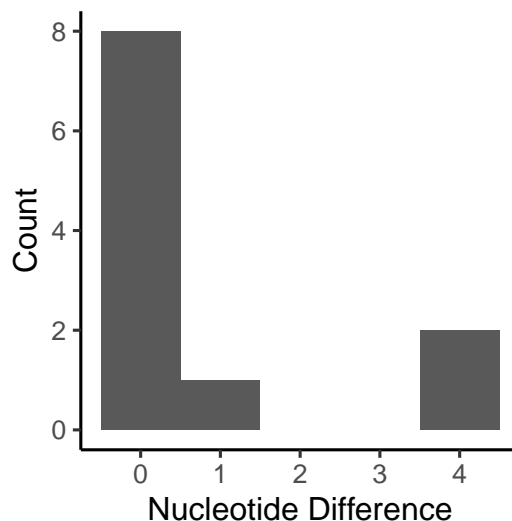
IGKV2D-29*01

90 sequences assigned
73 (81.1%) exact matches, in which:
57 unique CDR3
5 unique J



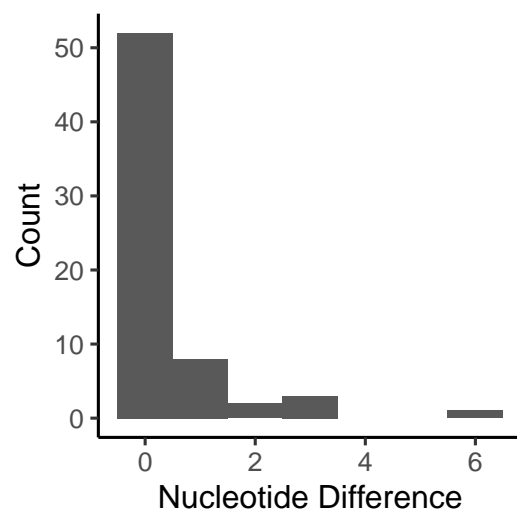
IGKV1D-43*01

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



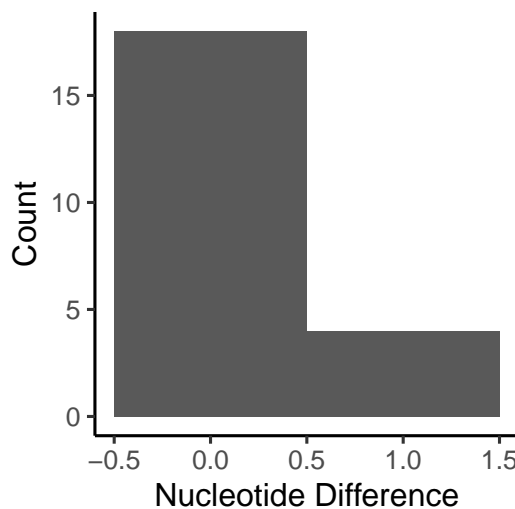
IGKV1E-12*03

66 sequences assigned
52 (78.8%) exact matches, in which:
40 unique CDR3
5 unique J



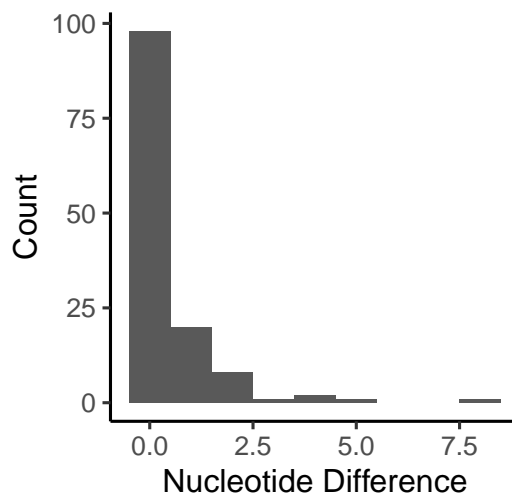
IGKV2D-30*01

22 sequences assigned
18 (81.8%) exact matches, in which:
17 unique CDR3
5 unique J



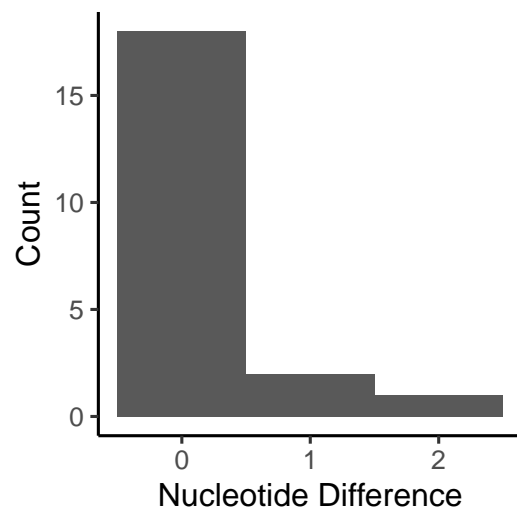
IGKV1E-12*01

131 sequences assigned
98 (74.8%) exact matches, in which:
61 unique CDR3
5 unique J



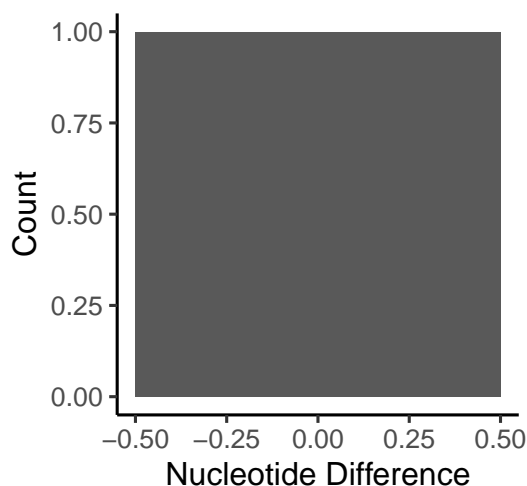
IGKV1E-13*03

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



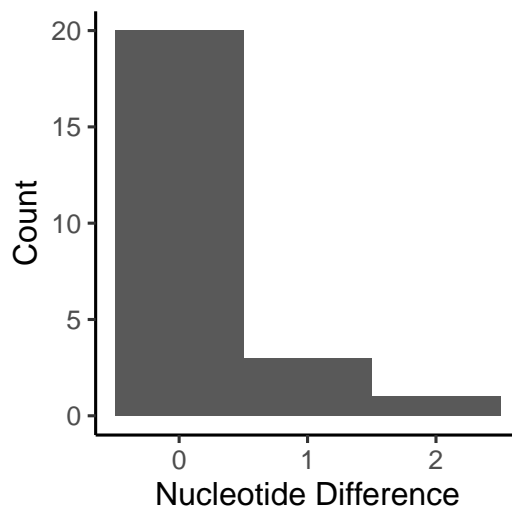
IGKV6D-41*01

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



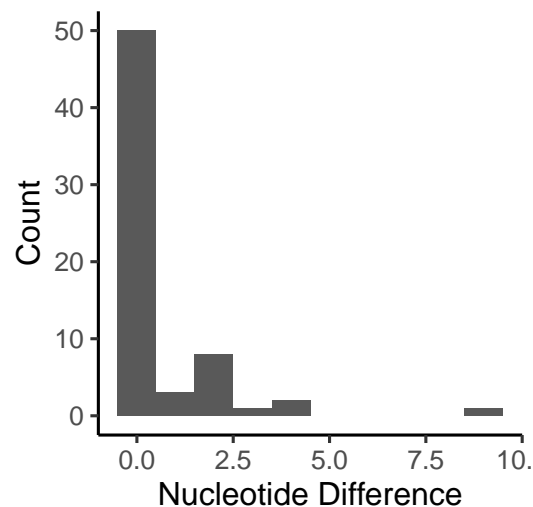
IGKV1E-12*02

24 sequences assigned
20 (83.3%) exact matches, in which:
15 unique CDR3
5 unique J



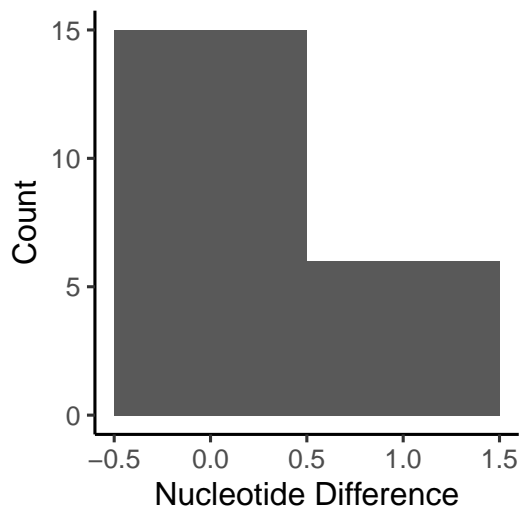
IGKV6E-21*01

65 sequences assigned
50 (76.9%) exact matches, in which:
40 unique CDR3
5 unique J



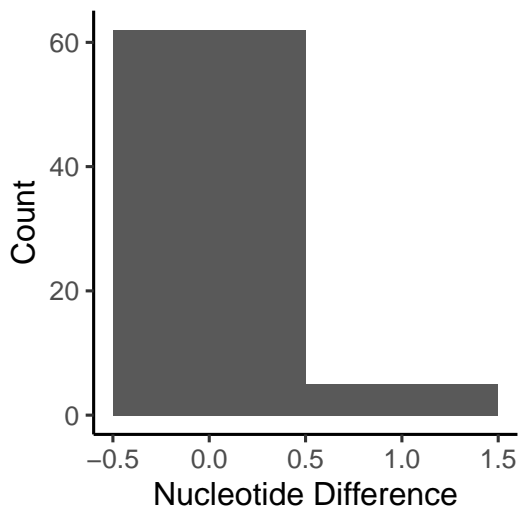
IGKV6E-21*03

21 sequences assigned
15 (71.4%) exact matches, in which:
15 unique CDR3
5 unique J



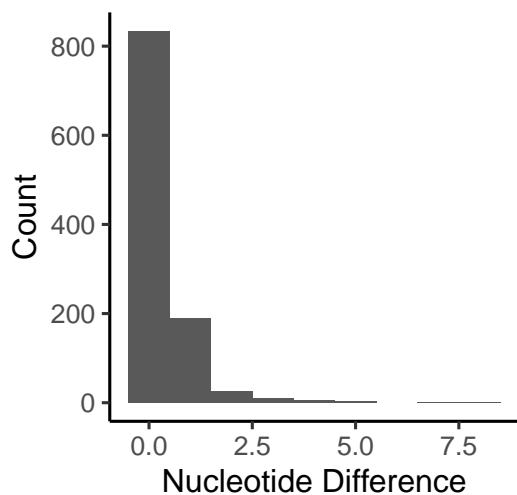
IGKV1E-37*01

67 sequences assigned
62 (92.5%) exact matches, in which:
55 unique CDR3
5 unique J



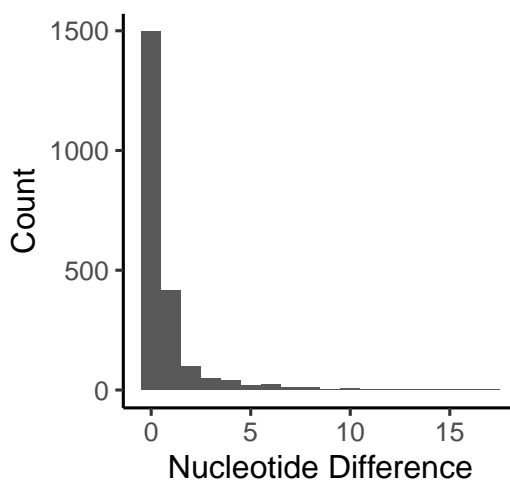
IGKV2E-28*01

1069 sequences assigned
834 (78%) exact matches, in which:
534 unique CDR3
5 unique J



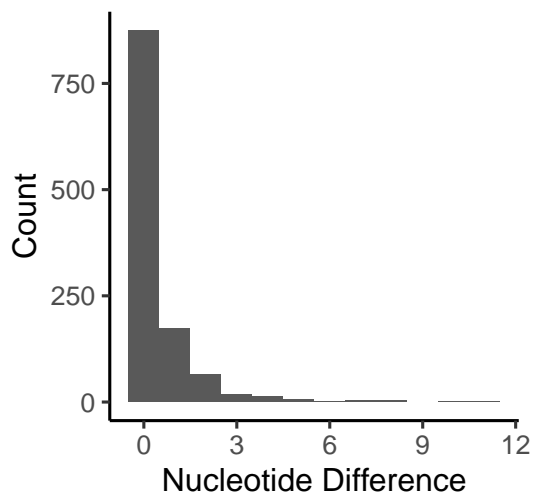
IGKV1E-39*01

2183 sequences assigned
1496 (68.5%) exact matches, in which:
972 unique CDR3
5 unique J



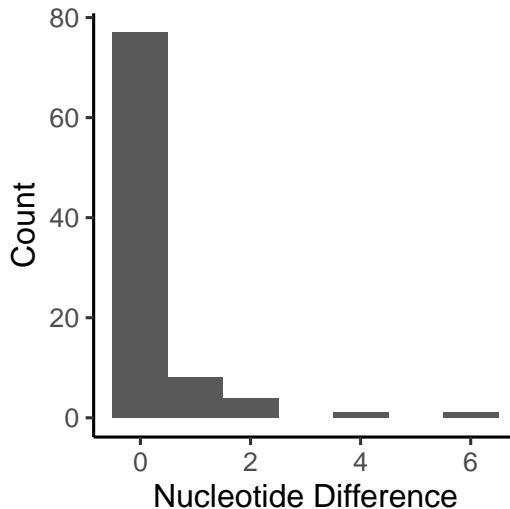
IGKV1E-33*01

1159 sequences assigned
875 (75.5%) exact matches, in which:
580 unique CDR3
5 unique J



IGKV2E-40*01

91 sequences assigned
77 (84.6%) exact matches, in which:
53 unique CDR3
5 unique J





Warning – no inferred sequences found.