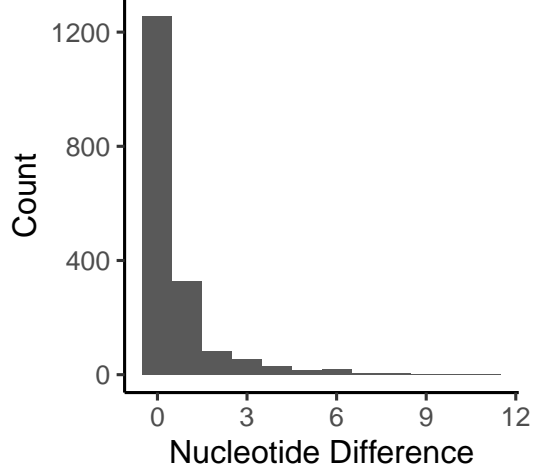


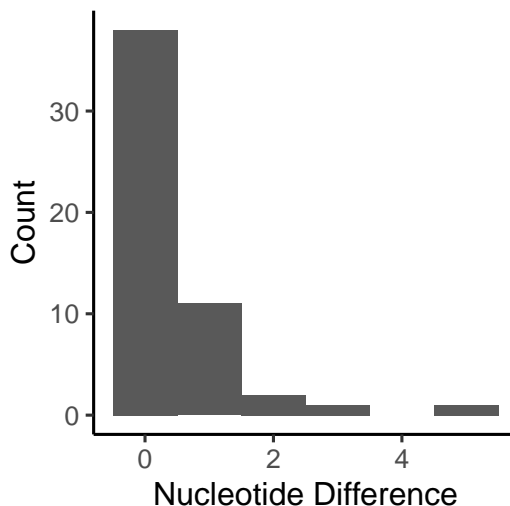
IGKV1-5*01

1800 sequences assigned
1255 (69.7%) exact matches, in which:
973 unique CDR3
5 unique J



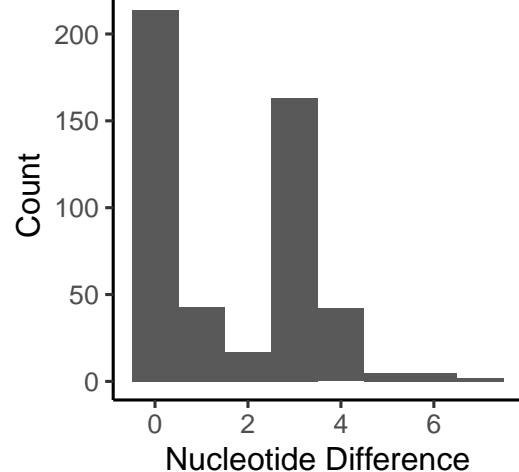
IGKV1-6*01_G9A

53 sequences assigned
38 (71.7%) exact matches, in which:
32 unique CDR3
5 unique J



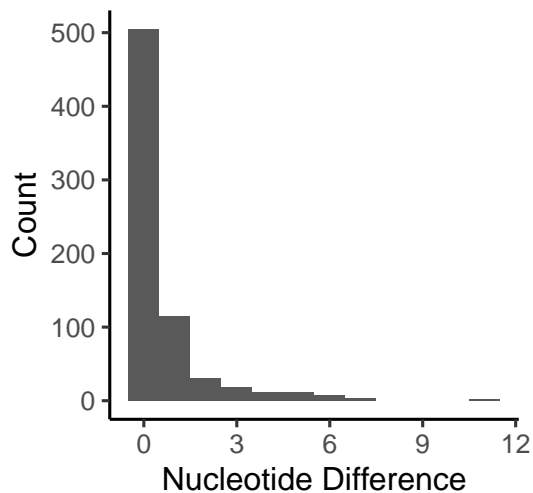
IGKV1-9*01

491 sequences assigned
214 (43.6%) exact matches, in which:
175 unique CDR3
5 unique J



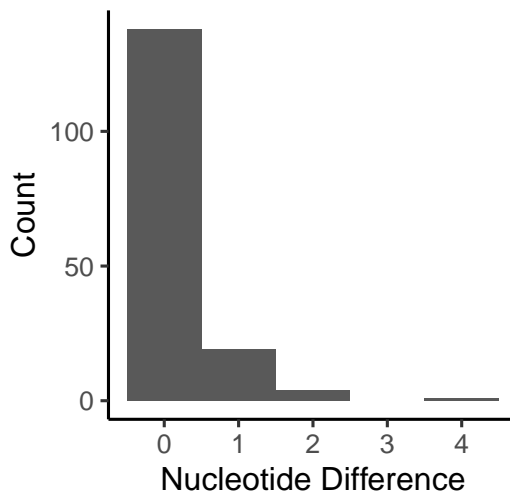
IGKV1-5*03

705 sequences assigned
505 (71.6%) exact matches, in which:
417 unique CDR3
5 unique J



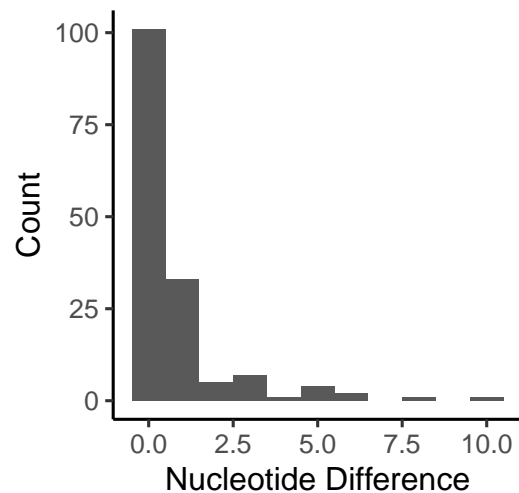
IGKV1-8*01

162 sequences assigned
138 (85.2%) exact matches, in which:
111 unique CDR3
5 unique J



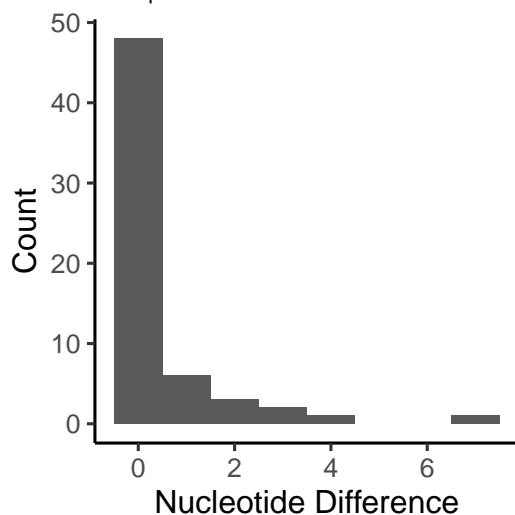
IGKV1-16*02

155 sequences assigned
101 (65.2%) exact matches, in which:
74 unique CDR3
5 unique J



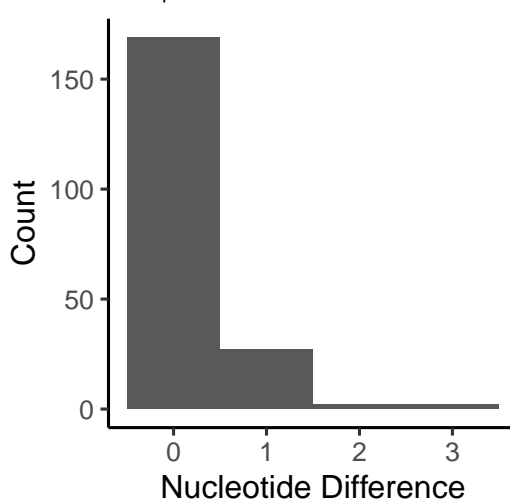
IGKV1-6*01

61 sequences assigned
48 (78.7%) exact matches, in which:
43 unique CDR3
5 unique J



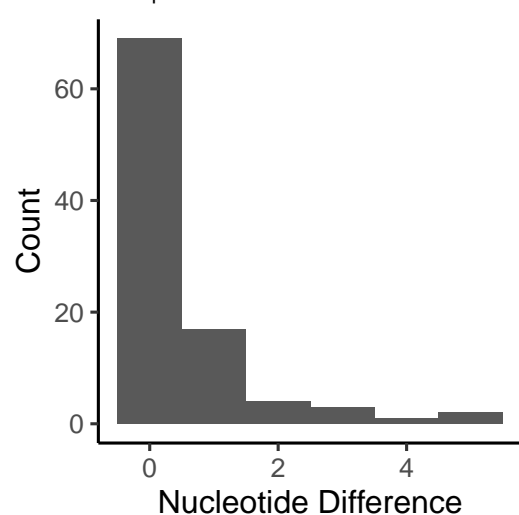
IGKV1-8*01_T31C

200 sequences assigned
169 (84.5%) exact matches, in which:
148 unique CDR3
5 unique J



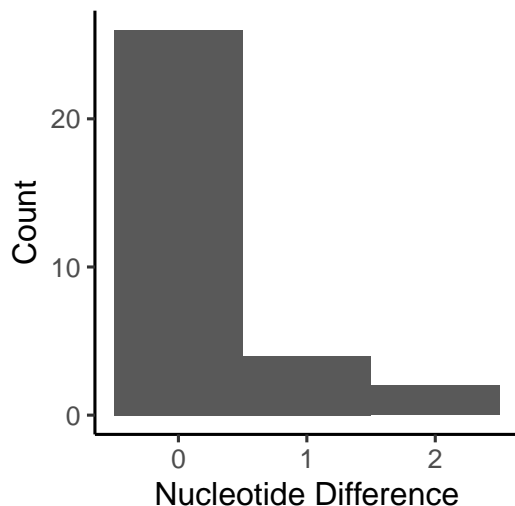
IGKV1-17*01

96 sequences assigned
69 (71.9%) exact matches, in which:
59 unique CDR3
5 unique J



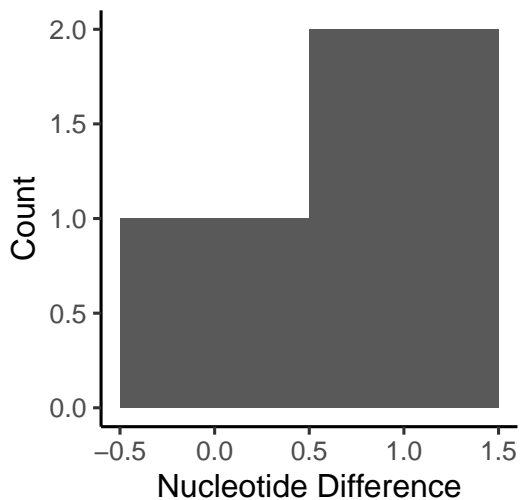
IGKV1-17*03

32 sequences assigned
26 (81.2%) exact matches, in which:
23 unique CDR3
5 unique J



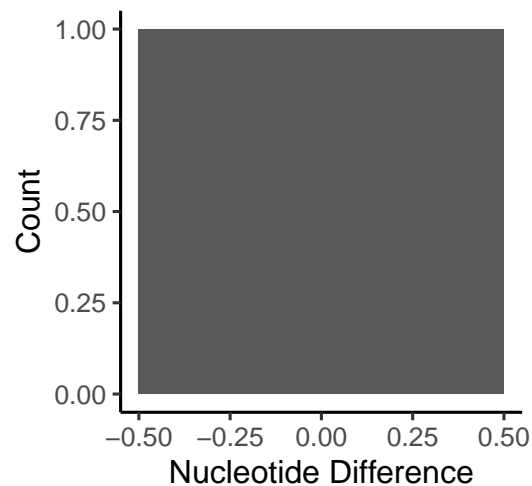
IGKV2-18*01

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



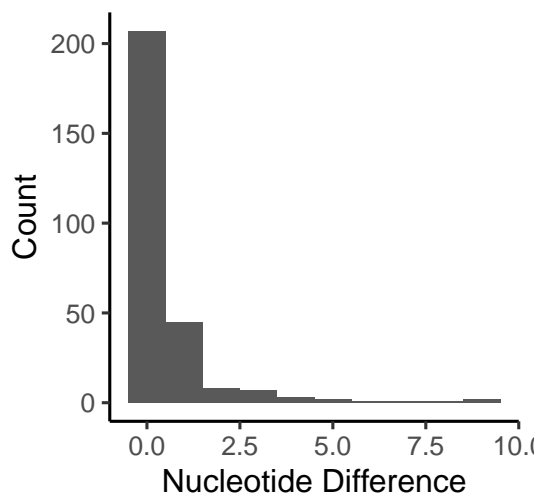
IGKV1/OR2-108*01

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



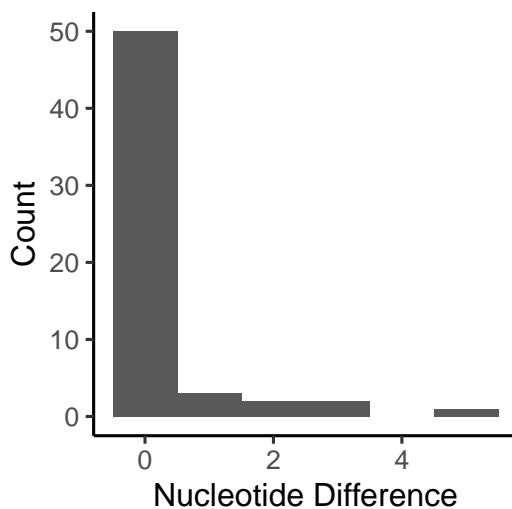
IGKV1-27*01

277 sequences assigned
207 (74.7%) exact matches, in which:
162 unique CDR3
5 unique J



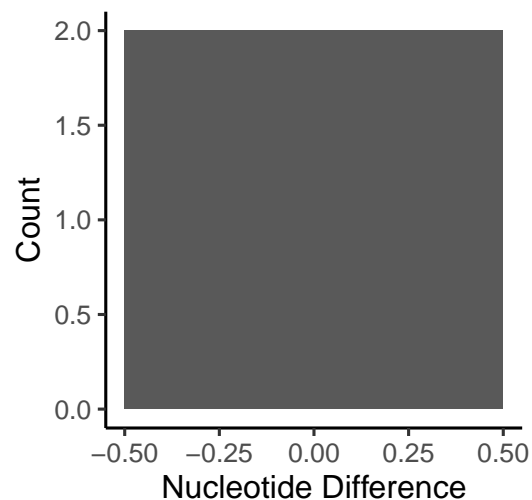
IGKV2-24*01

58 sequences assigned
50 (86.2%) exact matches, in which:
44 unique CDR3
5 unique J



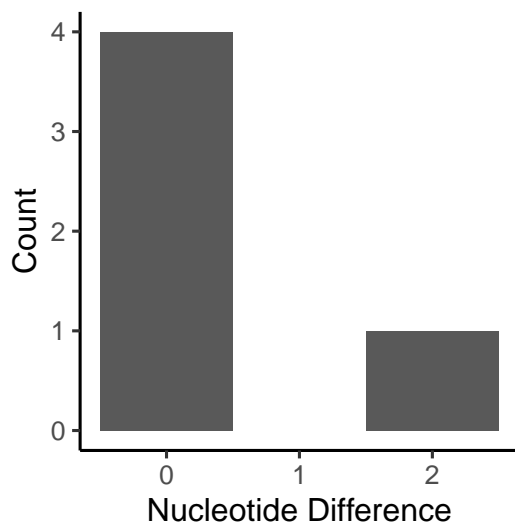
IGKV3/OR2-268*01

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



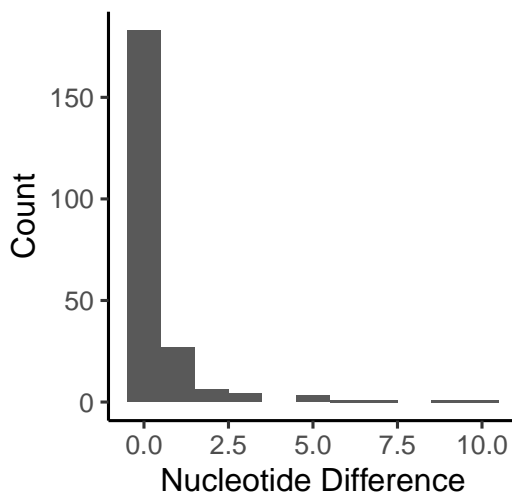
IGKV2/OR22-4*01

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



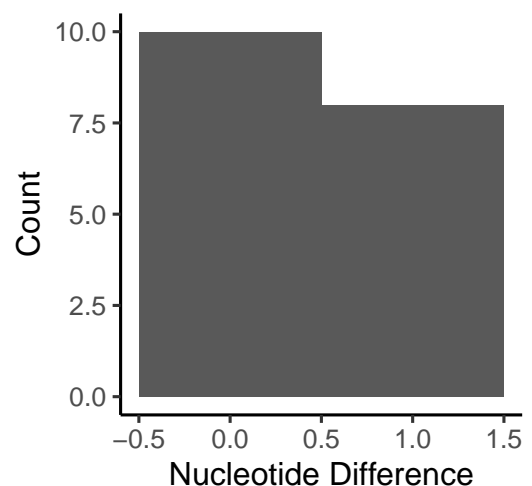
IGKV2-30*01

227 sequences assigned
183 (80.6%) exact matches, in which:
161 unique CDR3
5 unique J



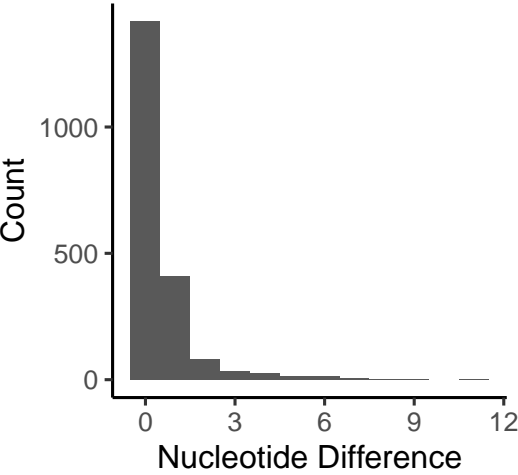
IGKV3-7*04

18 sequences assigned
10 (55.6%) exact matches, in which:
10 unique CDR3
4 unique J



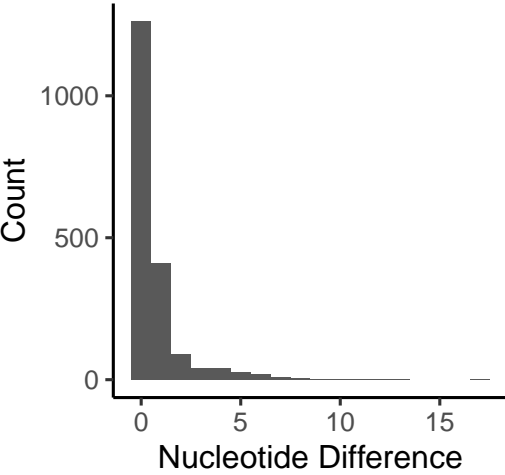
IGKV3-11*01

2004 sequences assigned
1418 (70.8%) exact matches, in which:
1034 unique CDR3
5 unique J



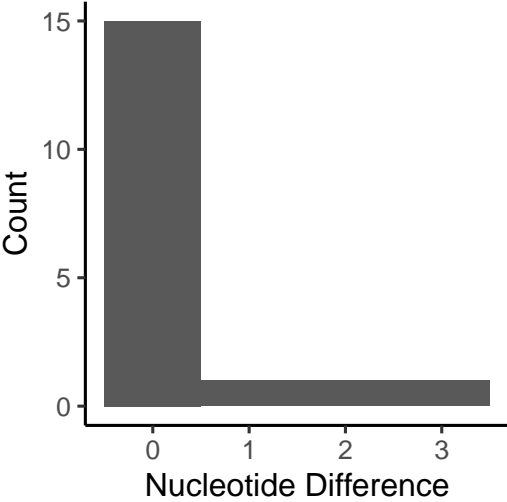
IGKV3-20*01

1911 sequences assigned
1262 (66%) exact matches, in which:
963 unique CDR3
5 unique J



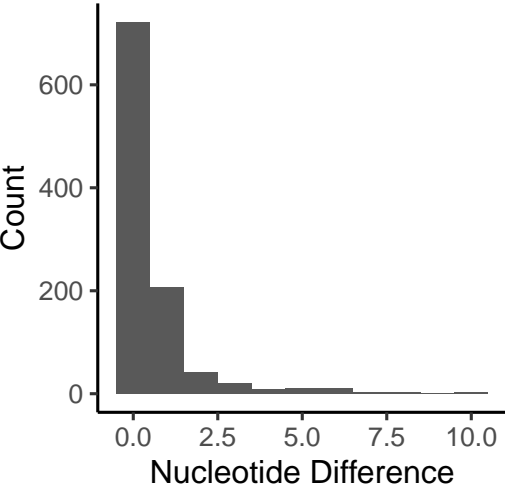
IGKV5-2*01

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



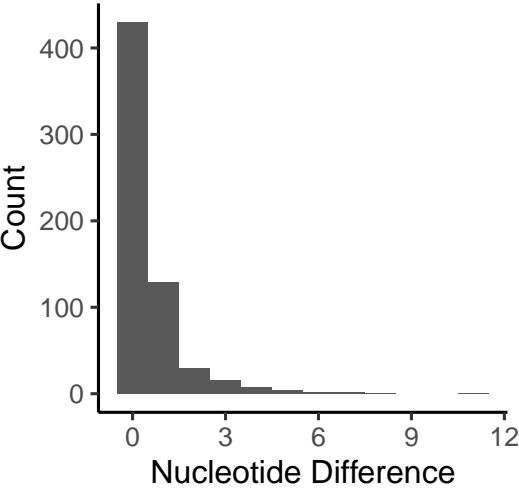
IGKV3-15*01

1028 sequences assigned
722 (70.2%) exact matches, in which:
578 unique CDR3
5 unique J



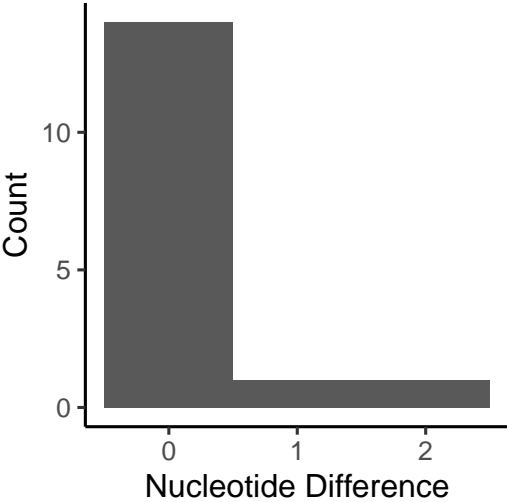
IGKV4-1*01

623 sequences assigned
430 (69%) exact matches, in which:
321 unique CDR3
5 unique J



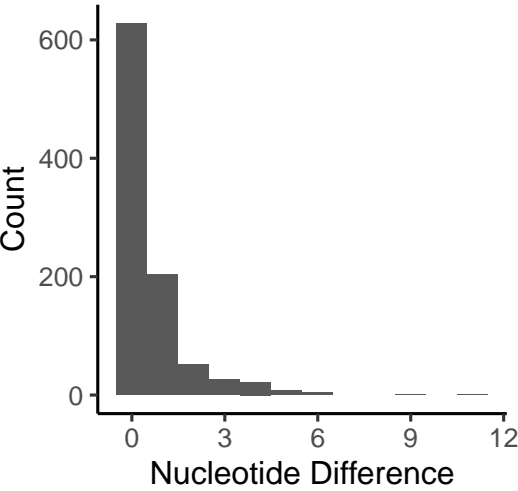
IGKV5-2*01_C214T

16 sequences assigned
14 (87.5%) exact matches, in which:
13 unique CDR3
4 unique J



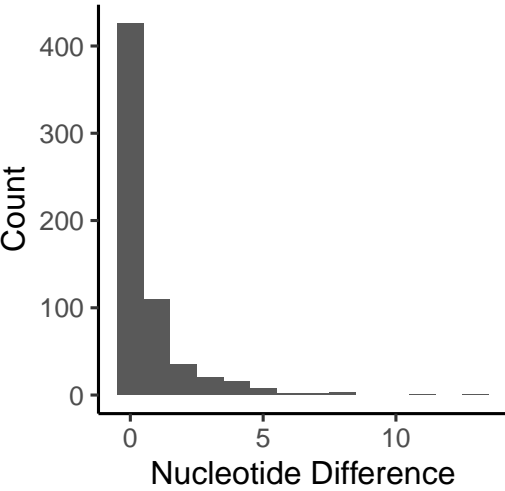
IGKV3-15*01_G107A

947 sequences assigned
628 (66.3%) exact matches, in which:
508 unique CDR3
5 unique J



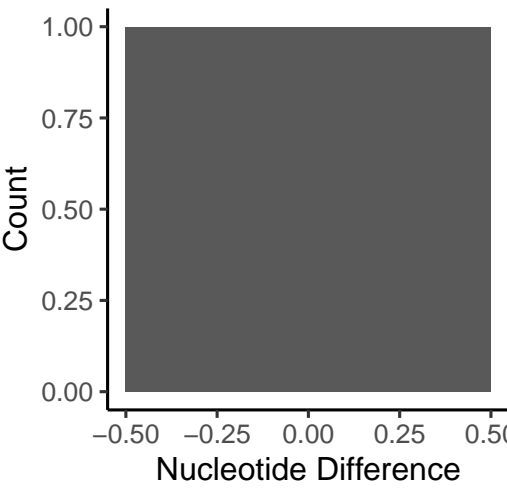
IGKV4-1*01_A318G

623 sequences assigned
426 (68.4%) exact matches, in which:
321 unique CDR3
5 unique J



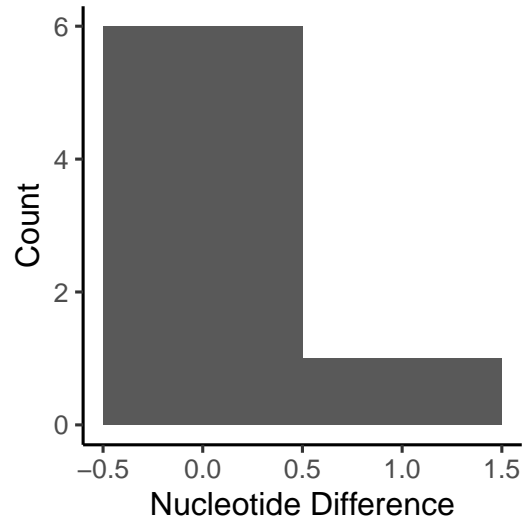
IGKV7-3*01

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



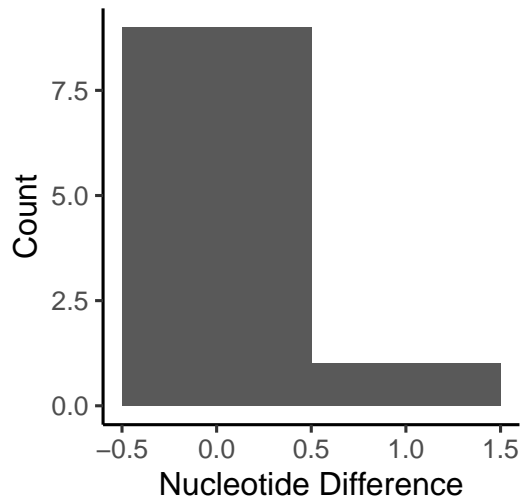
IGKV3D-7*01

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



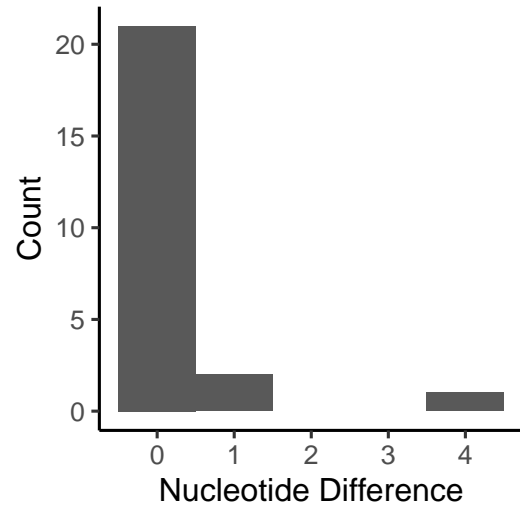
IGKV3D-11*01

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



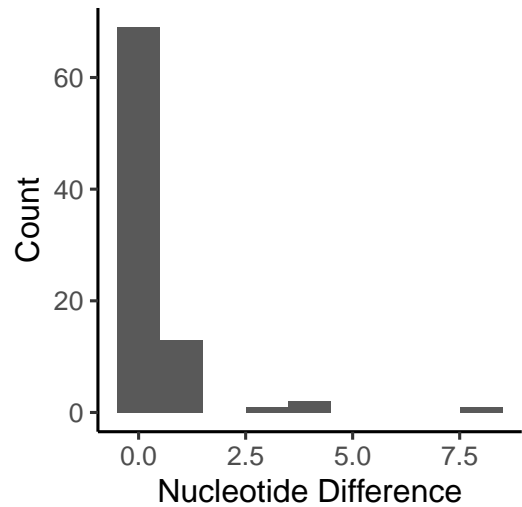
IGKV1D-16*01

24 sequences assigned
21 (87.5%) exact matches, in which:
17 unique CDR3
5 unique J



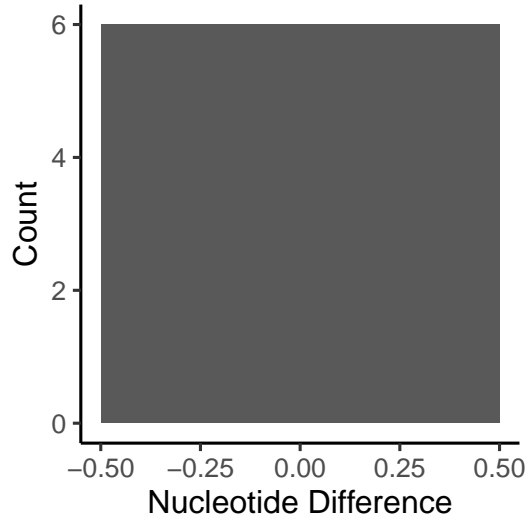
IGKV1D-8*01

86 sequences assigned
69 (80.2%) exact matches, in which:
55 unique CDR3
5 unique J



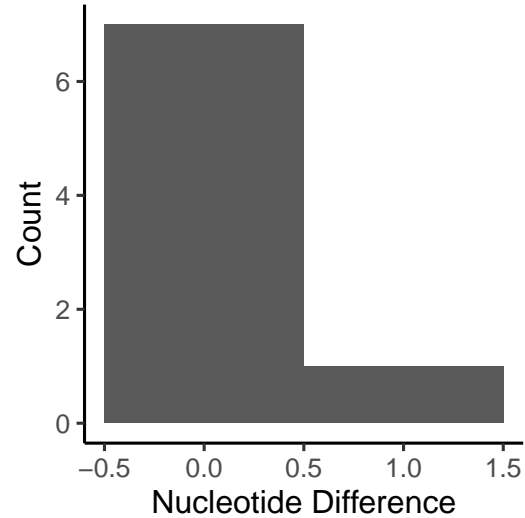
IGKV3D-11*02

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



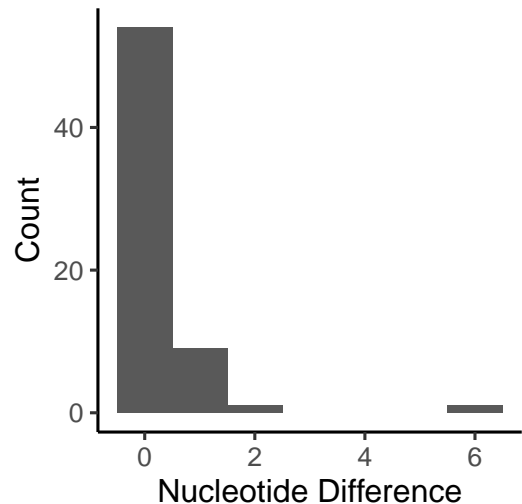
IGKV1D-16*02

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



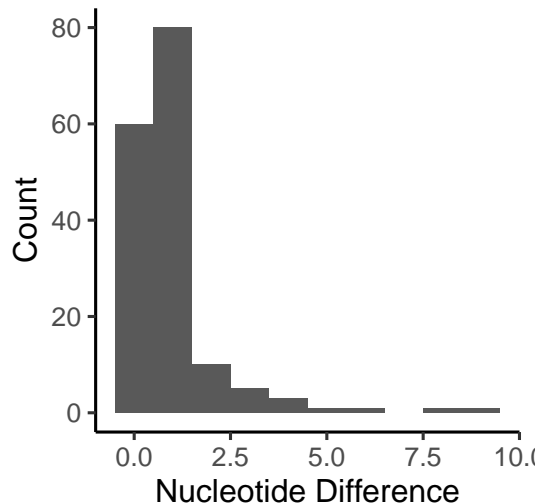
IGKV1D-8*03

65 sequences assigned
54 (83.1%) exact matches, in which:
41 unique CDR3
5 unique J



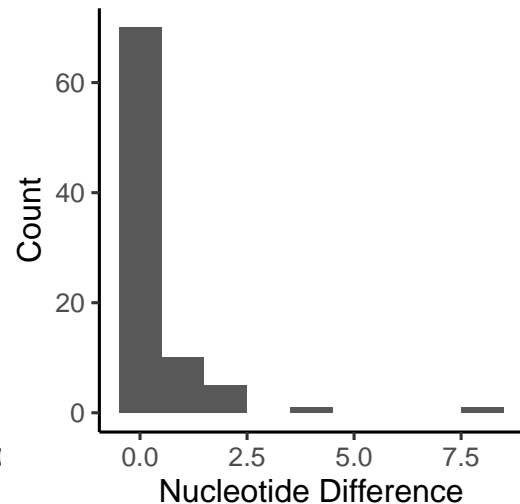
IGKV3D-15*01

162 sequences assigned
60 (37%) exact matches, in which:
50 unique CDR3
5 unique J



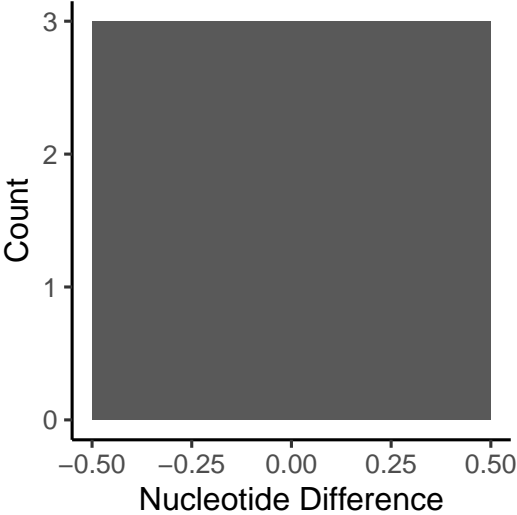
IGKV3D-20*01

87 sequences assigned
70 (80.5%) exact matches, in which:
66 unique CDR3
5 unique J



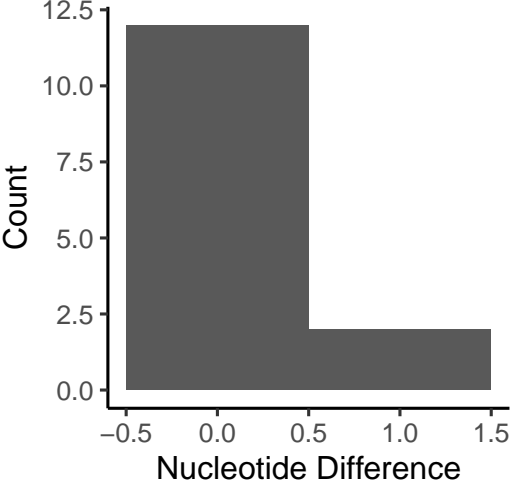
IGKV2D-24*01

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



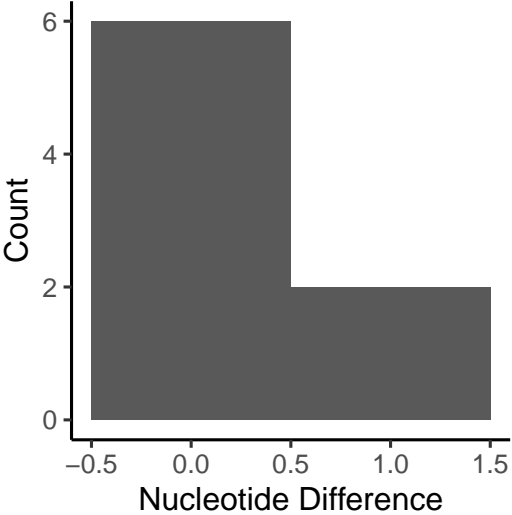
IGKV2D-29*02

14 sequences assigned
12 (85.7%) exact matches, in which:
12 unique CDR3
4 unique J



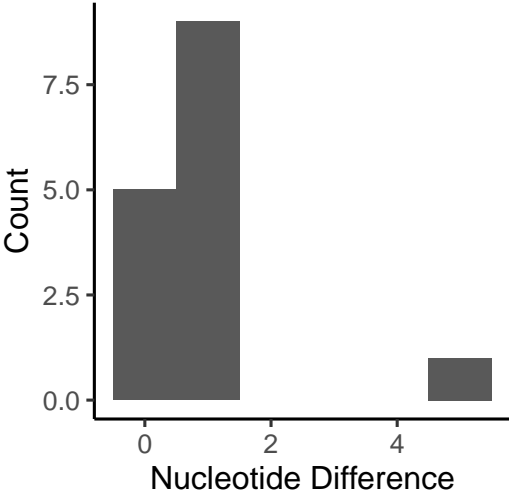
IGKV1D-43*01

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



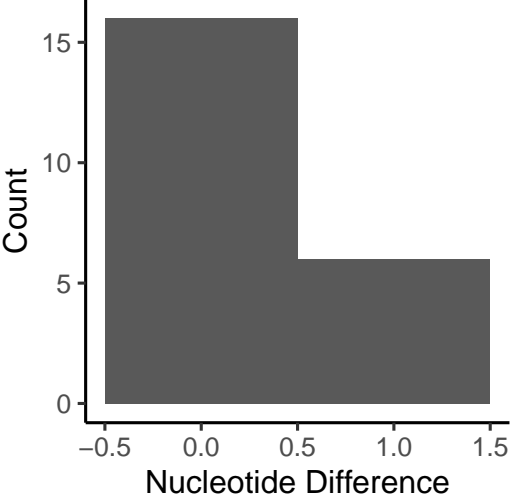
IGKV2D-26*03

15 sequences assigned
5 (33.3%) exact matches, in which:
5 unique CDR3
3 unique J



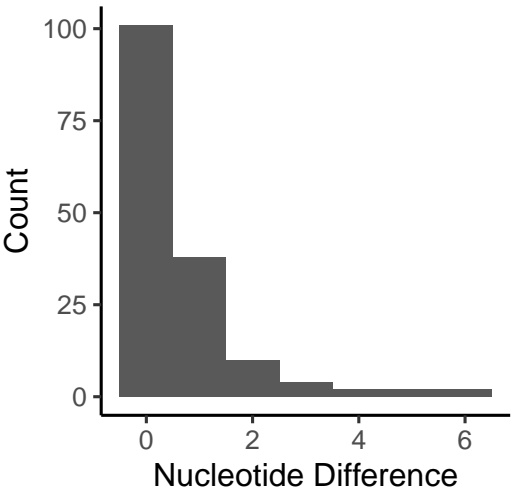
IGKV2D-30*01

22 sequences assigned
16 (72.7%) exact matches, in which:
16 unique CDR3
5 unique J



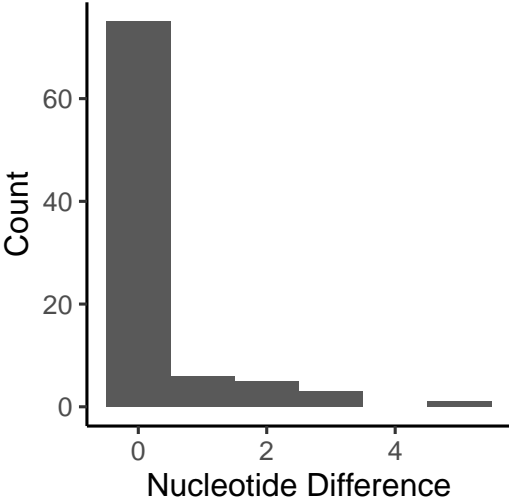
IGKV1E-12*01

159 sequences assigned
101 (63.5%) exact matches, in which:
76 unique CDR3
5 unique J



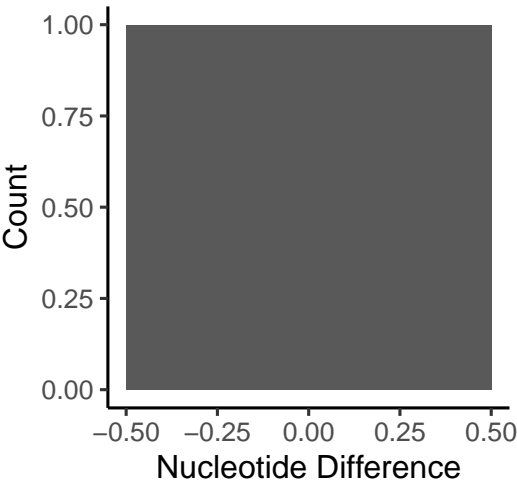
IGKV2D-29*01

90 sequences assigned
75 (83.3%) exact matches, in which:
66 unique CDR3
5 unique J



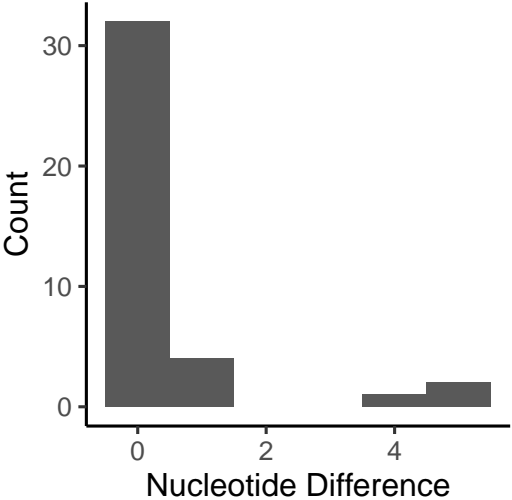
IGKV6D-41*01

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



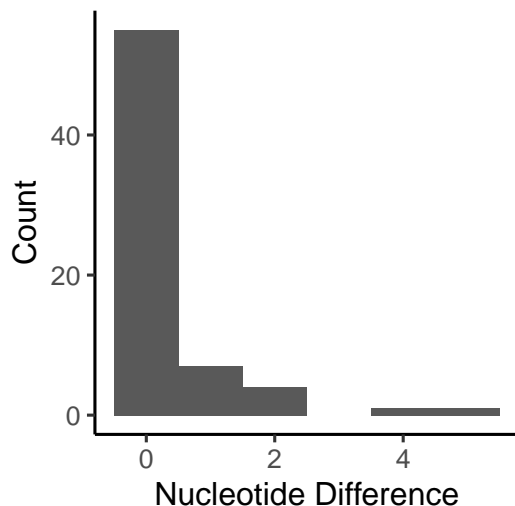
IGKV1E-12*02

39 sequences assigned
32 (82.1%) exact matches, in which:
24 unique CDR3
5 unique J



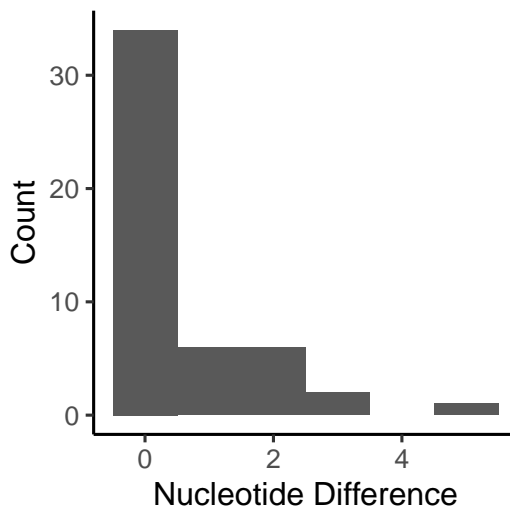
IGKV1E-12*03

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



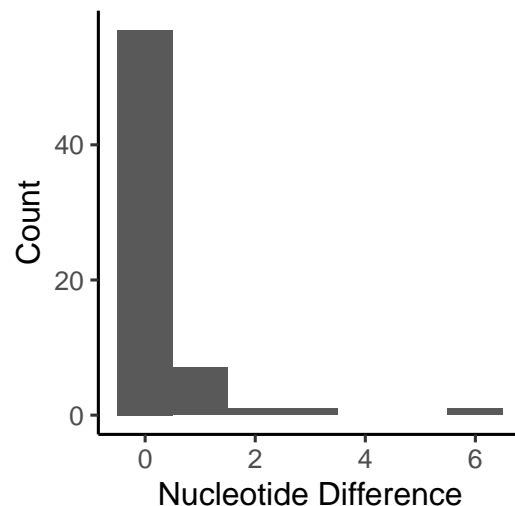
IGKV6E-21*01

49 sequences assigned
34 (69.4%) exact matches, in which:
29 unique CDR3
5 unique J



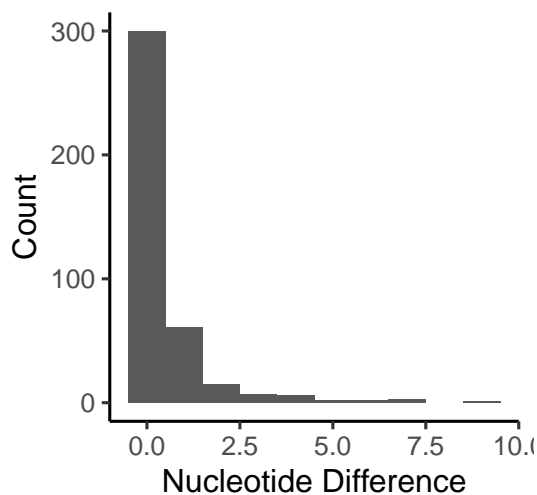
IGKV1E-37*01

67 sequences assigned
57 (85.1%) exact matches, in which:
55 unique CDR3
5 unique J



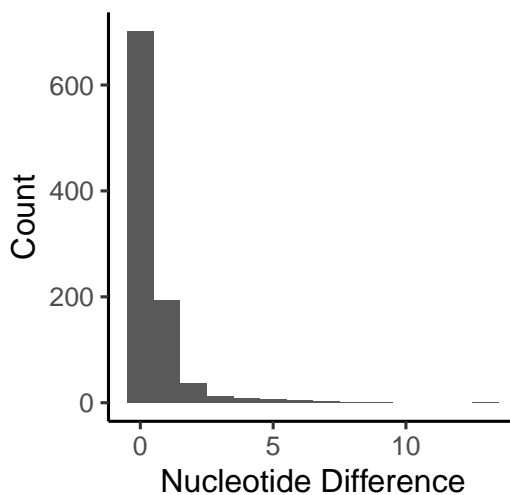
IGKV1E-13*02

397 sequences assigned
300 (75.6%) exact matches, in which:
245 unique CDR3
5 unique J



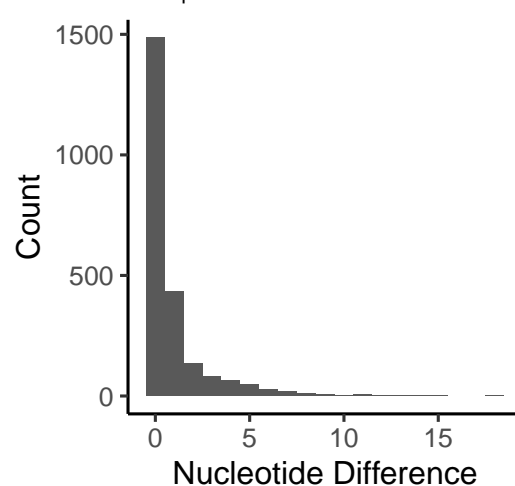
IGKV2E-28*01

971 sequences assigned
702 (72.3%) exact matches, in which:
536 unique CDR3
5 unique J



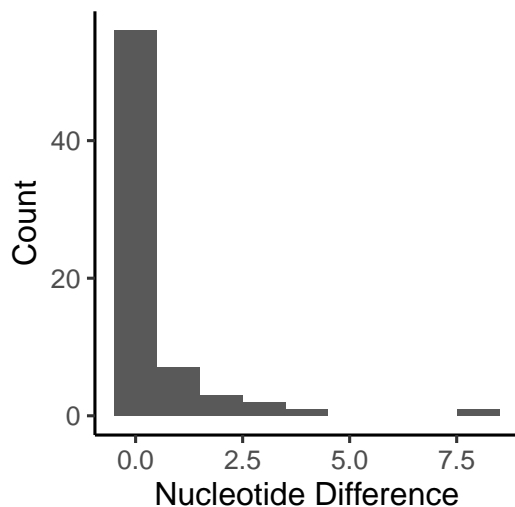
IGKV1E-39*01

2331 sequences assigned
1486 (63.7%) exact matches, in which:
1097 unique CDR3
5 unique J



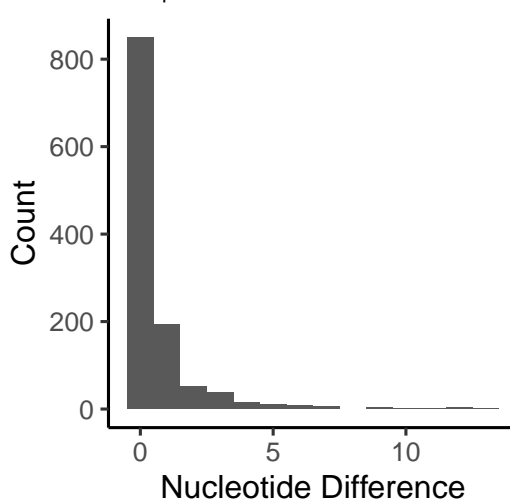
IGKV1E-13*03

70 sequences assigned
56 (80%) exact matches, in which:
49 unique CDR3
5 unique J



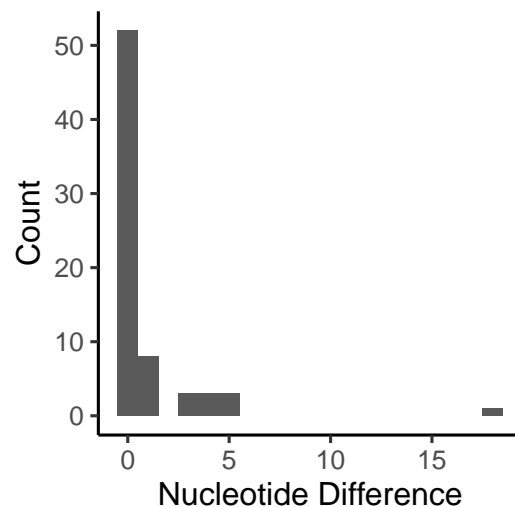
IGKV1E-33*01

1184 sequences assigned
850 (71.8%) exact matches, in which:
630 unique CDR3
5 unique J



IGKV2E-40*01

70 sequences assigned
52 (74.3%) exact matches, in which:
37 unique CDR3
5 unique J





Warning – no inferred sequences found.