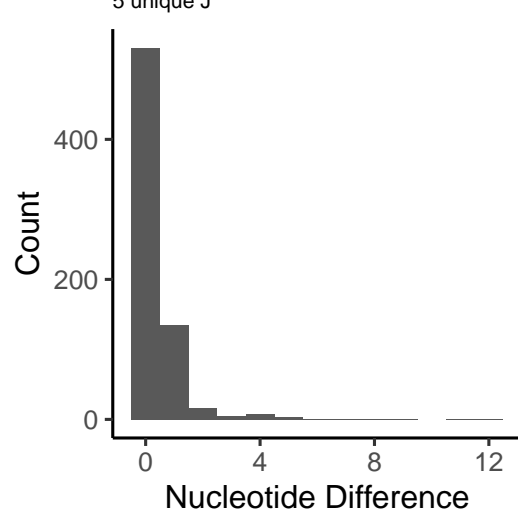


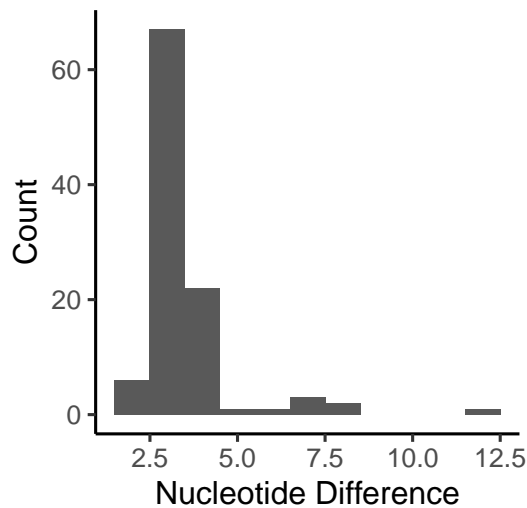
IGKV1-5*01

704 sequences assigned
531 (75.4%) exact matches, in which:
425 unique CDR3
5 unique J



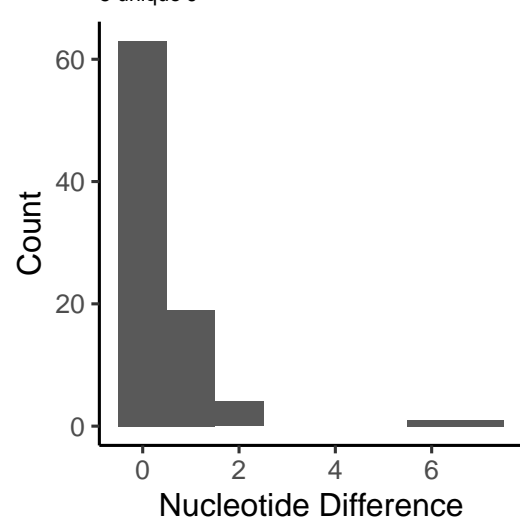
IGKV1-9*01

103 sequences assigned
No exact matches.



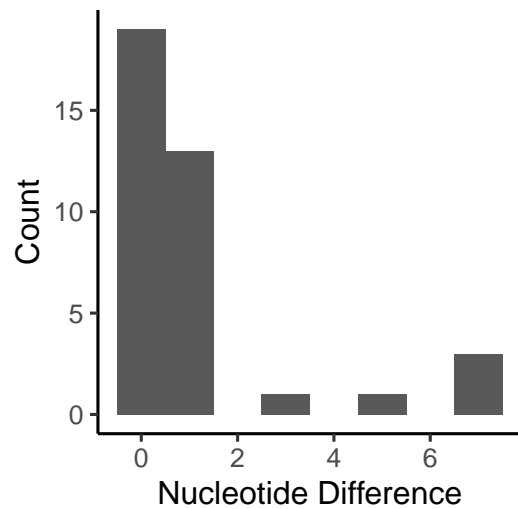
IGKV1-27*01

88 sequences assigned
63 (71.6%) exact matches, in which:
55 unique CDR3
5 unique J



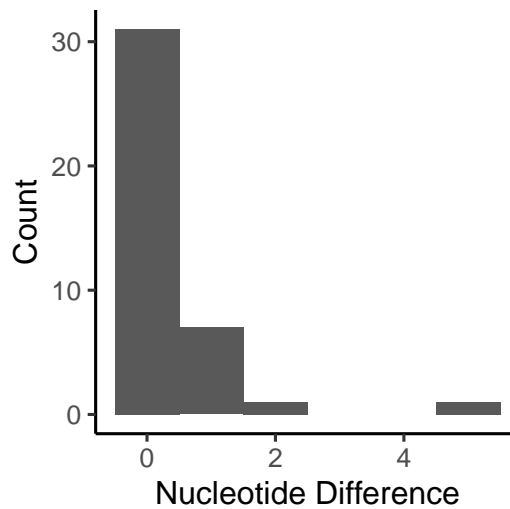
IGKV1-6*01_G9A

37 sequences assigned
19 (51.4%) exact matches, in which:
16 unique CDR3
4 unique J



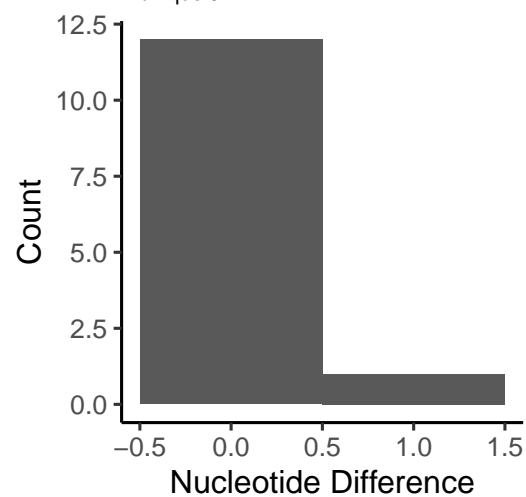
IGKV1-16*02

40 sequences assigned
31 (77.5%) exact matches, in which:
27 unique CDR3
5 unique J



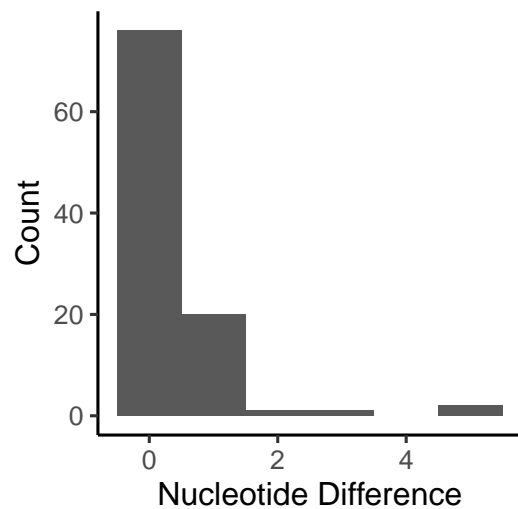
IGKV1-27*01_A229C

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



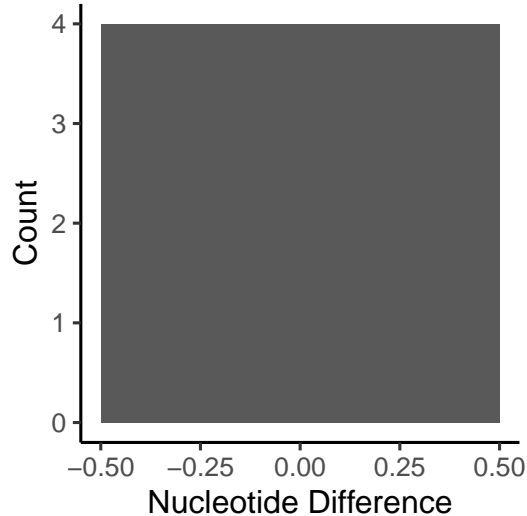
IGKV1-8*01_T31C

100 sequences assigned
76 (76%) exact matches, in which:
69 unique CDR3
5 unique J



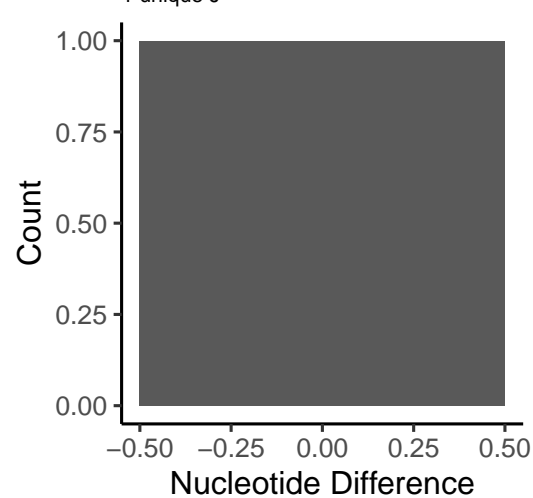
IGKV1-17*03

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



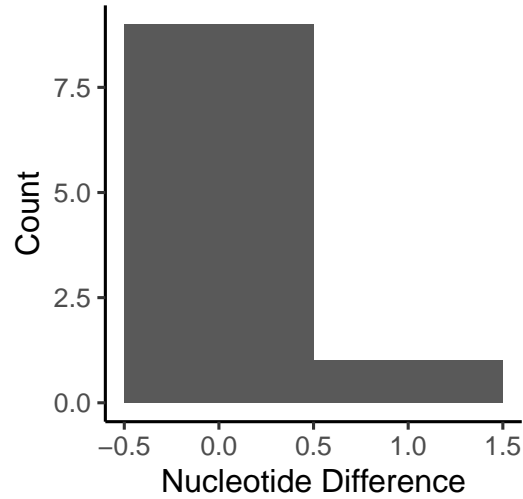
IGKV2/OR22-4*01

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



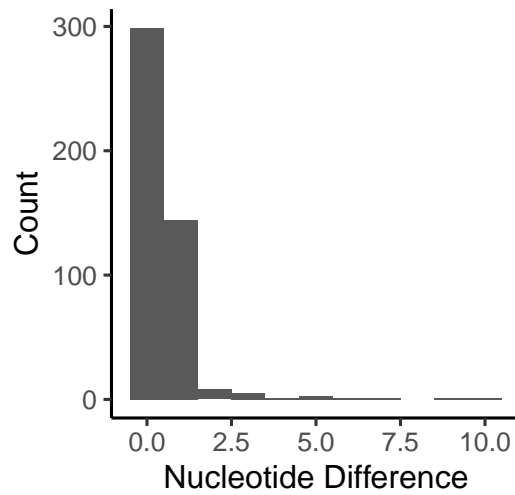
IGKV2-24*01

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



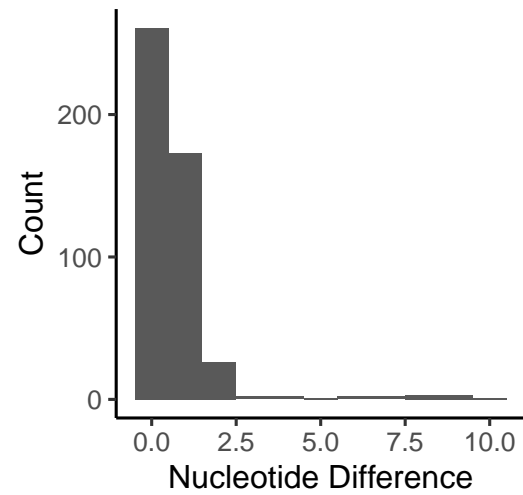
IGKV3-11*01

464 sequences assigned
299 (64.4%) exact matches, in which:
244 unique CDR3
5 unique J



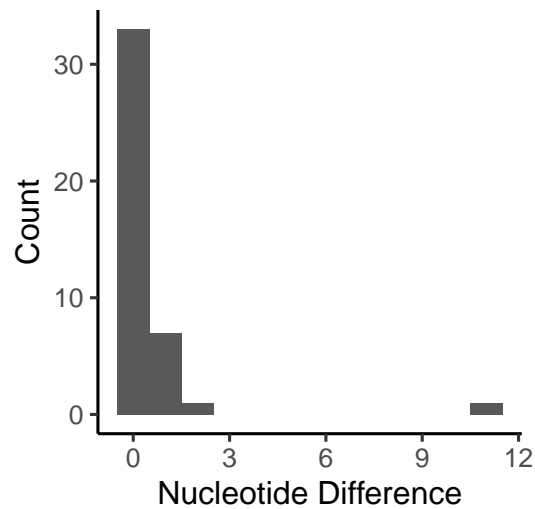
IGKV3-20*01

476 sequences assigned
261 (54.8%) exact matches, in which:
215 unique CDR3
5 unique J



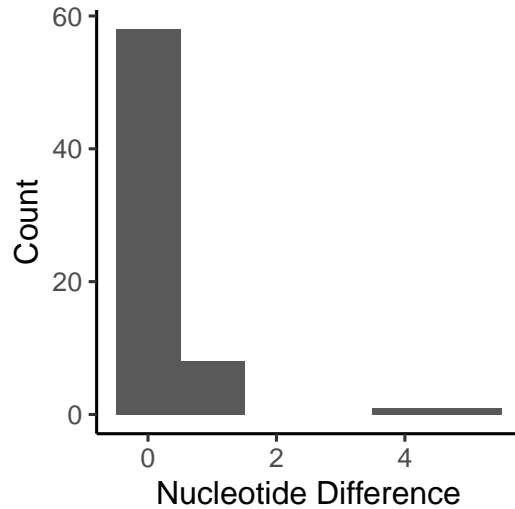
IGKV2-30*01

42 sequences assigned
33 (78.6%) exact matches, in which:
30 unique CDR3
4 unique J



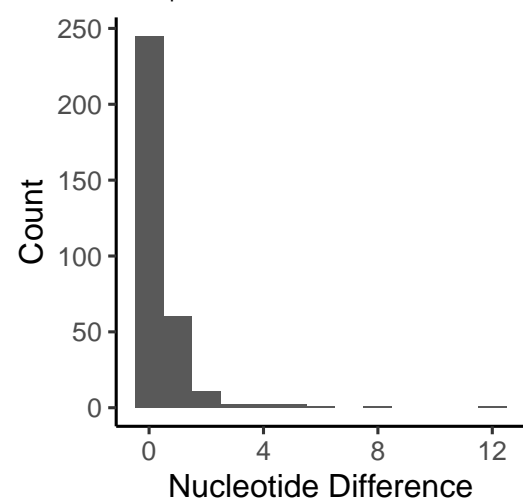
IGKV3-11*01_A223C

68 sequences assigned
58 (85.3%) exact matches, in which:
58 unique CDR3
5 unique J



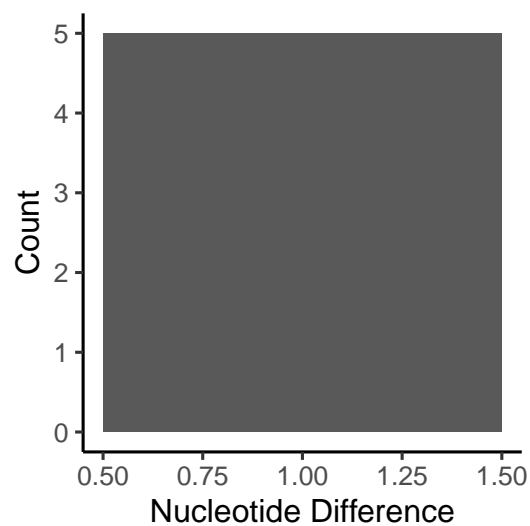
IGKV4-1*01_A318G

325 sequences assigned
245 (75.4%) exact matches, in which:
211 unique CDR3
5 unique J



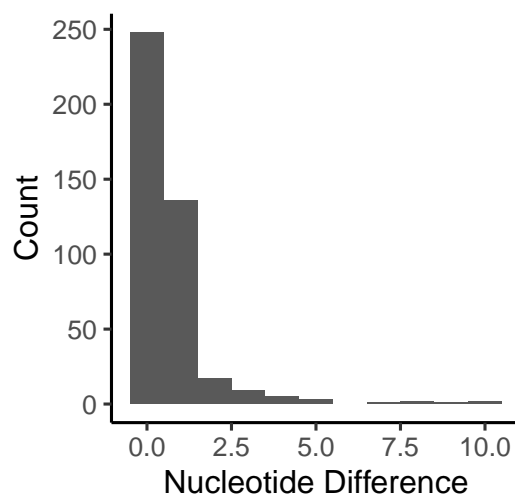
IGKV3-7*04

5 sequences assigned
No exact matches.



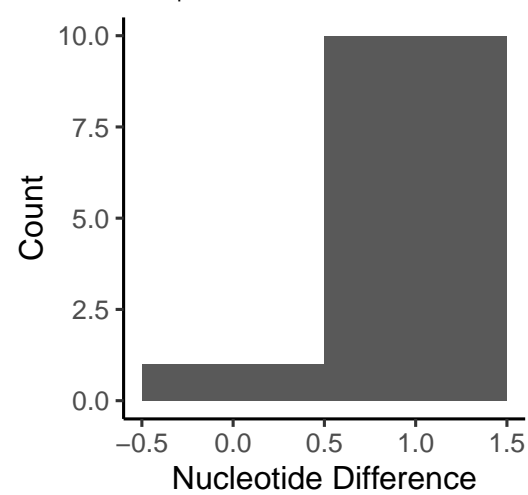
IGKV3-15*01

424 sequences assigned
248 (58.5%) exact matches, in which:
197 unique CDR3
5 unique J



IGKV5-2*01

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



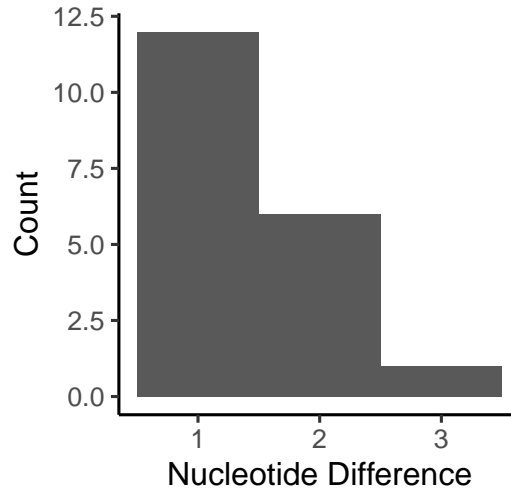
IGKV3D-7*01

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



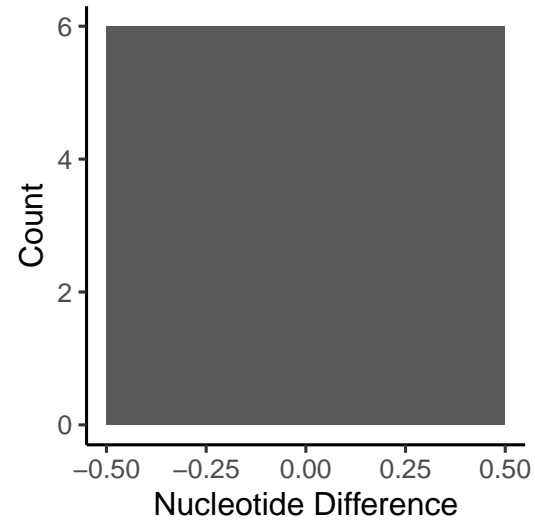
IGKV3D-15*01

19 sequences assigned
No exact matches.



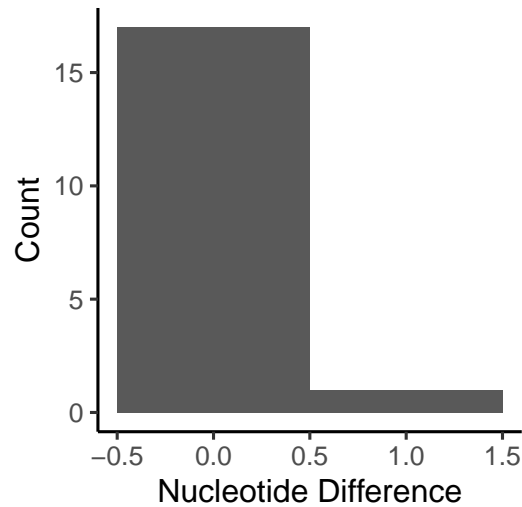
IGKV2D-29*02

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



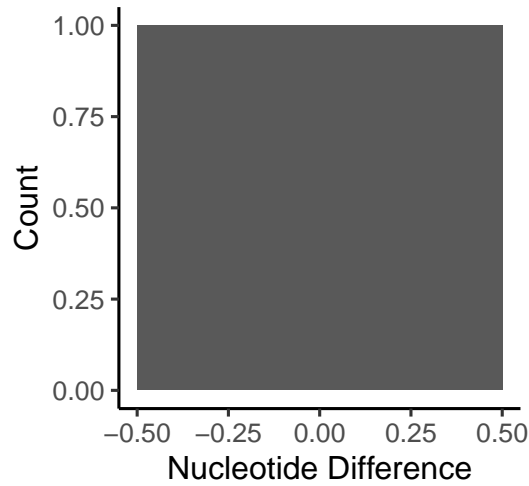
IGKV1D-8*03

18 sequences assigned
17 (94.4%) exact matches, in which:
16 unique CDR3
4 unique J



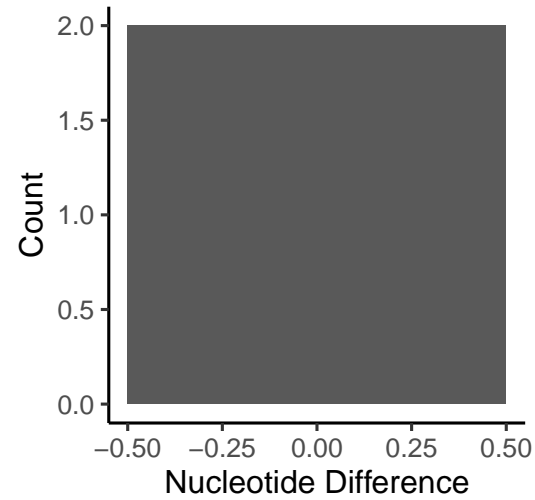
IGKV1D-16*02

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



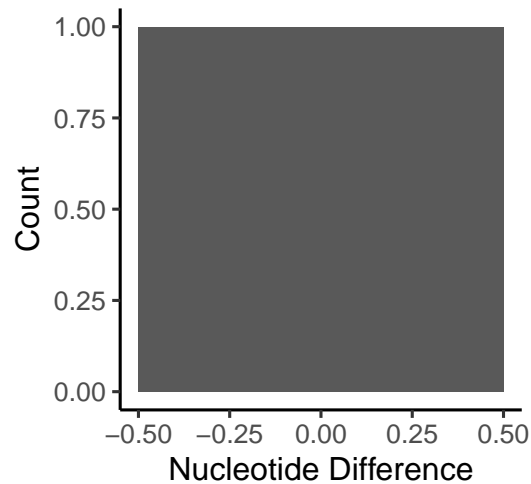
IGKV2D-30*01

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



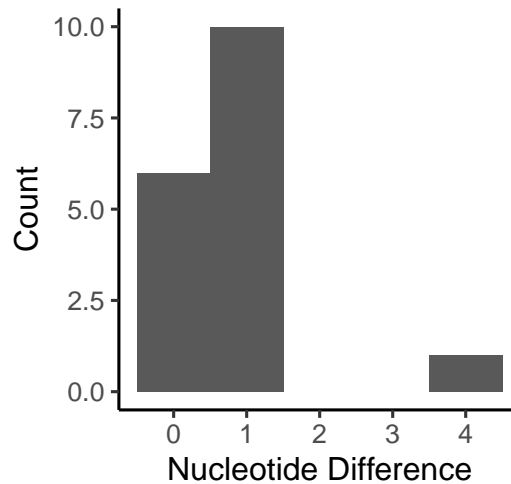
IGKV3D-11*02

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



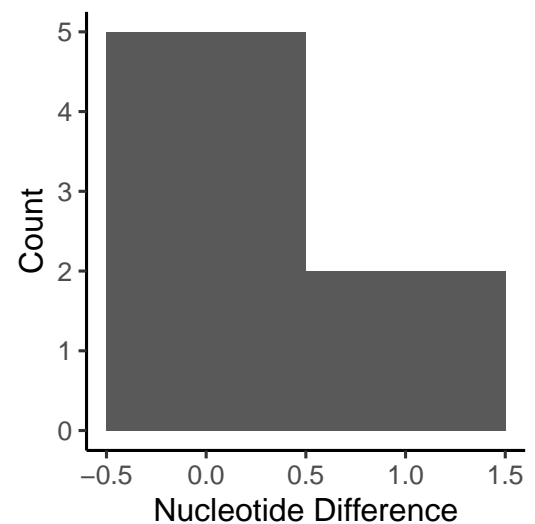
IGKV3D-20*01

17 sequences assigned
6 (35.3%) exact matches, in which:
6 unique CDR3
3 unique J



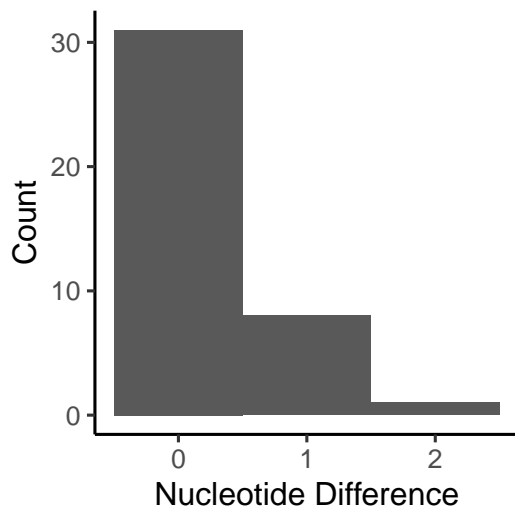
IGKV1D-43*01

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



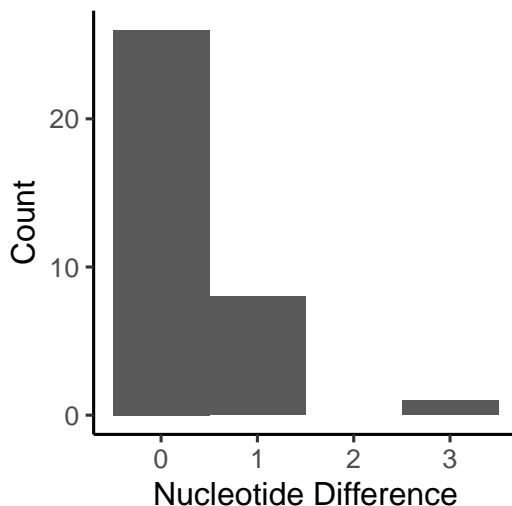
IGKV1E-12*01

40 sequences assigned
31 (77.5%) exact matches, in which:
24 unique CDR3
5 unique J



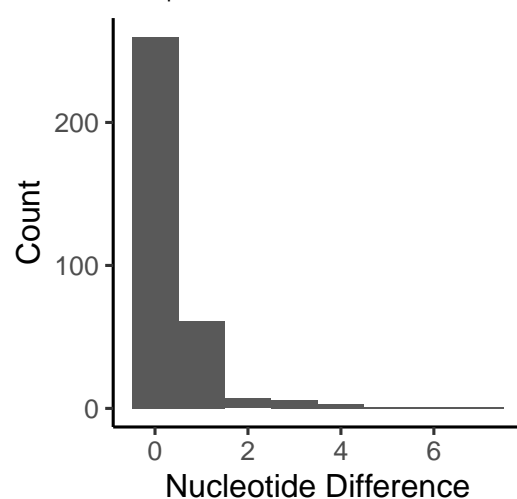
IGKV6E-21*01

35 sequences assigned
26 (74.3%) exact matches, in which:
24 unique CDR3
5 unique J



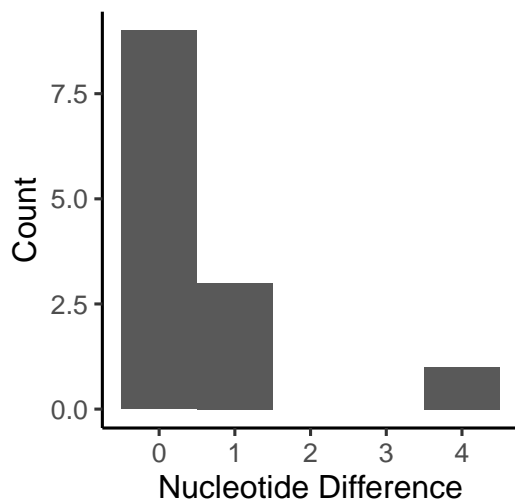
IGKV1E-33*01

340 sequences assigned
260 (76.5%) exact matches, in which:
215 unique CDR3
5 unique J



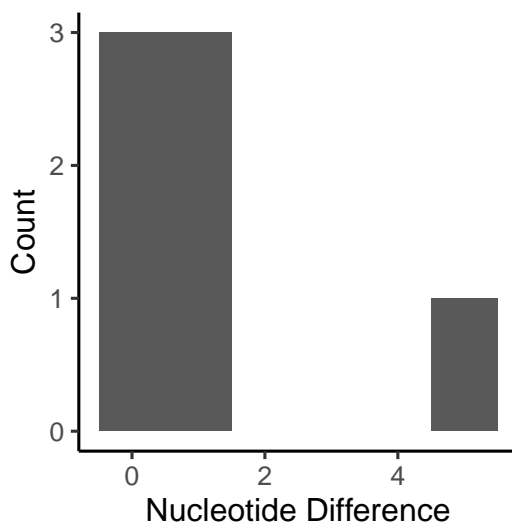
IGKV1E-12*02

13 sequences assigned
9 (69.2%) exact matches, in which:
7 unique CDR3
5 unique J



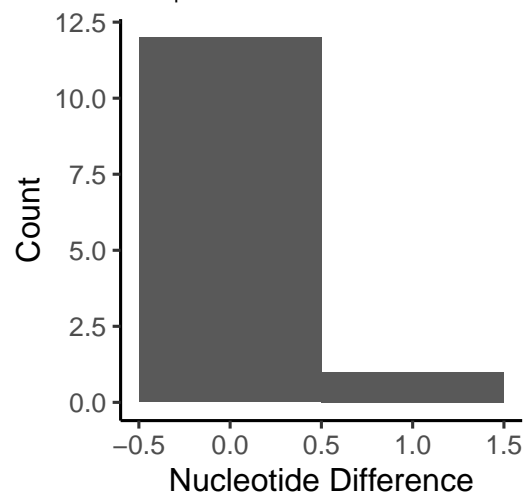
IGKV6E-21*03_A202T

7 sequences assigned
3 (42.9%) exact matches, in which:
2 unique CDR3
2 unique J



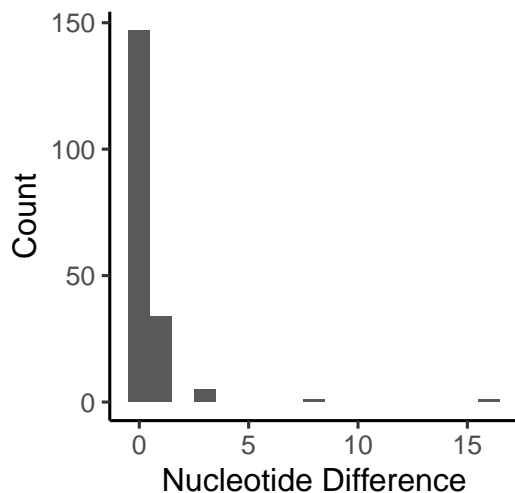
IGKV1E-37*01

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



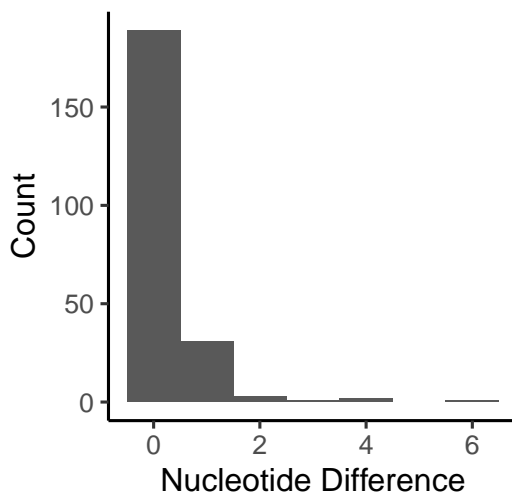
IGKV1E-13*02

188 sequences assigned
147 (78.2%) exact matches, in which:
120 unique CDR3
5 unique J



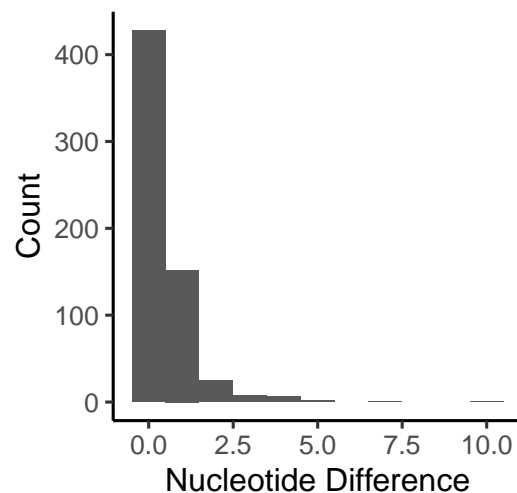
IGKV2E-28*01

227 sequences assigned
189 (83.3%) exact matches, in which:
160 unique CDR3
5 unique J



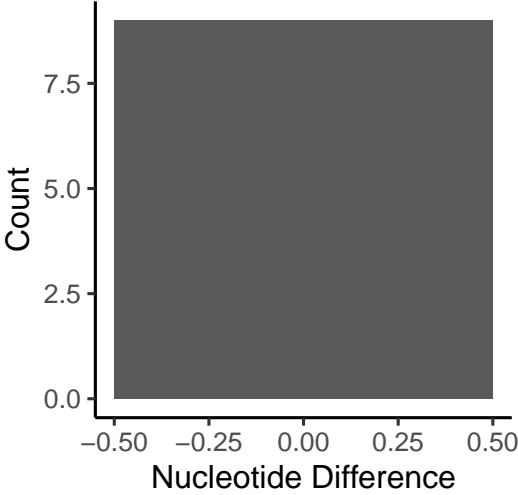
IGKV1E-39*01

622 sequences assigned
428 (68.8%) exact matches, in which:
339 unique CDR3
5 unique J



IGKV2E-40*01

9 sequences assigned
9 (100%) exact matches, in which:
8 unique CDR3
4 unique J





Warning – no inferred sequences found.