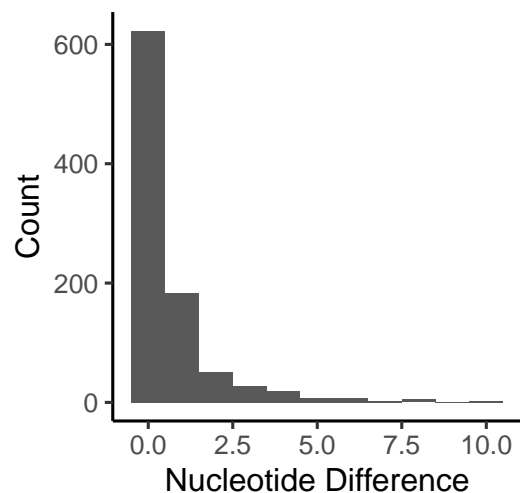


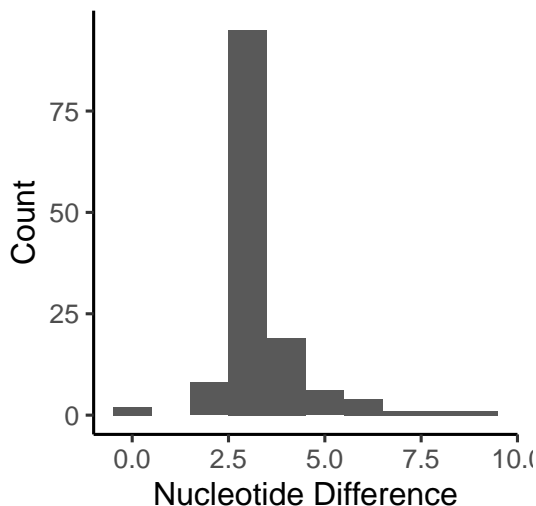
IGKV1–5*01

930 sequences assigned
623 (67%) exact matches, in which:
518 unique CDR3
5 unique J



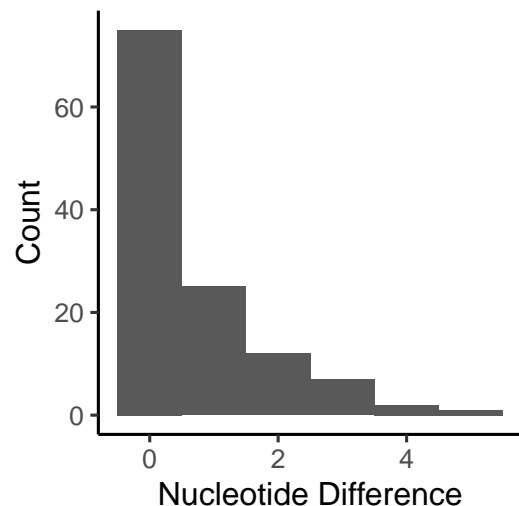
IGKV1–9*01

137 sequences assigned
2 (1.5%) exact matches, in which:
2 unique CDR3
2 unique J



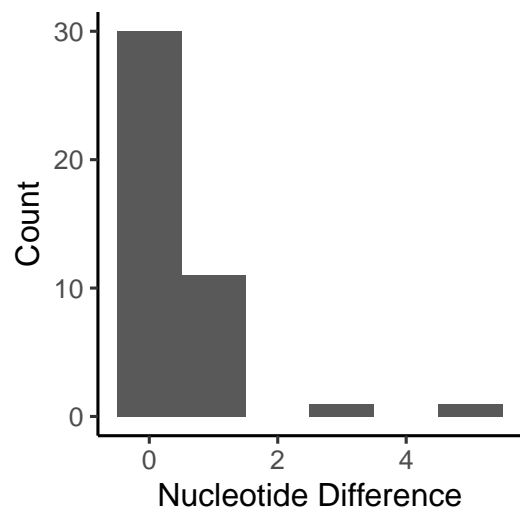
IGKV1–27*01

122 sequences assigned
75 (61.5%) exact matches, in which:
68 unique CDR3
5 unique J



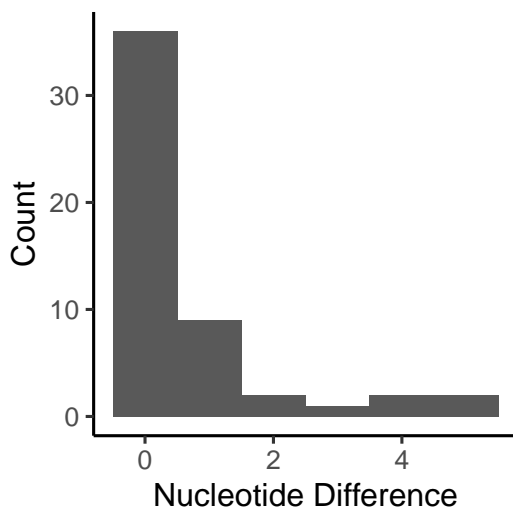
IGKV1–6*01_G9A

43 sequences assigned
30 (69.8%) exact matches, in which:
24 unique CDR3
4 unique J



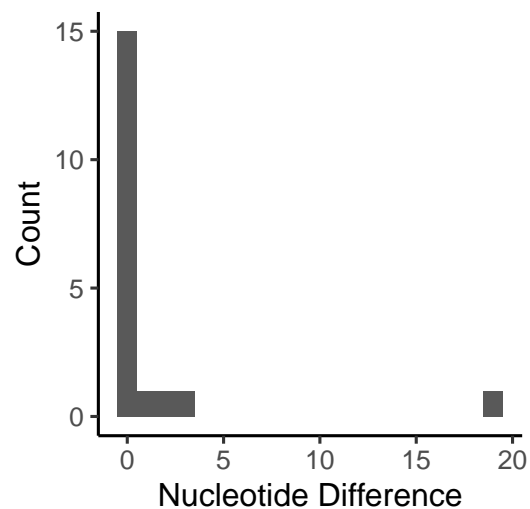
IGKV1–16*02

52 sequences assigned
36 (69.2%) exact matches, in which:
30 unique CDR3
5 unique J



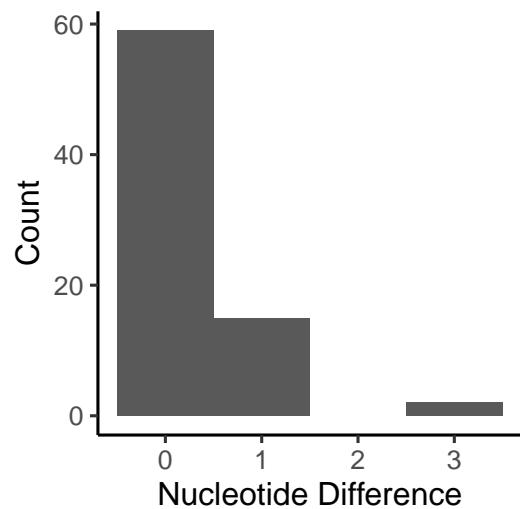
IGKV1–27*01_A229C

19 sequences assigned
15 (78.9%) exact matches, in which:
15 unique CDR3
4 unique J



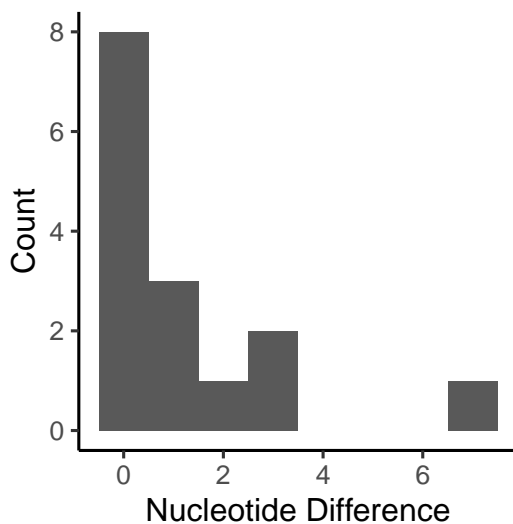
IGKV1–8*01_T31C

76 sequences assigned
59 (77.6%) exact matches, in which:
51 unique CDR3
5 unique J



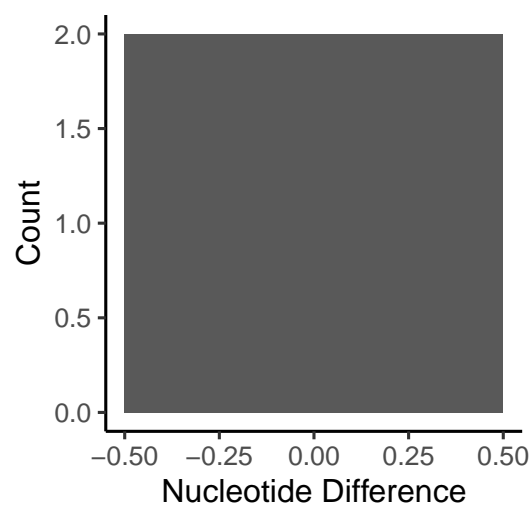
IGKV1–17*03

15 sequences assigned
8 (53.3%) exact matches, in which:
8 unique CDR3
2 unique J



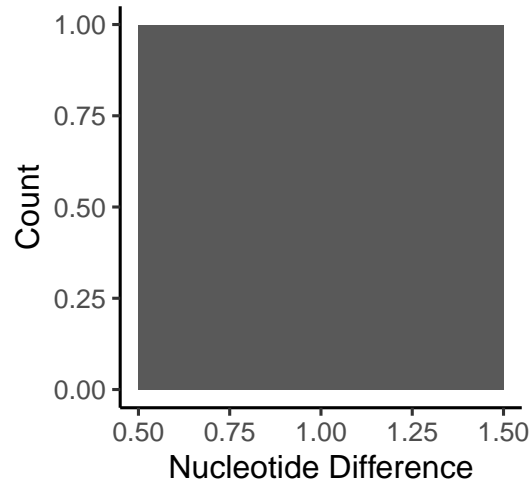
IGKV2/OR22–4*01

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



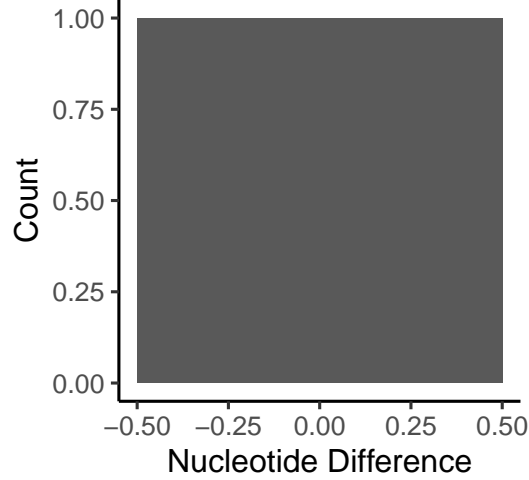
IGKV2-18*01

1 sequences assigned
No exact matches.



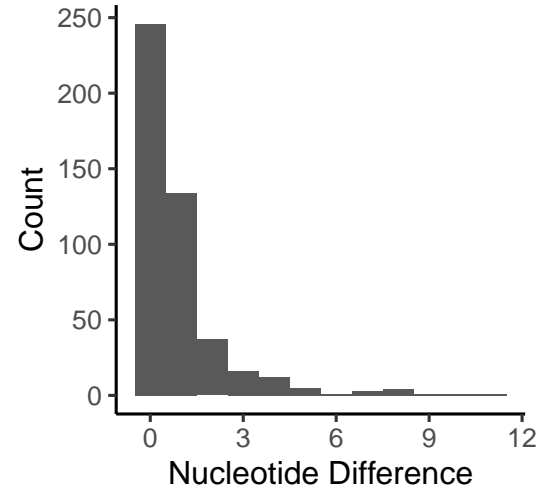
IGKV1/OR2-108*01

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



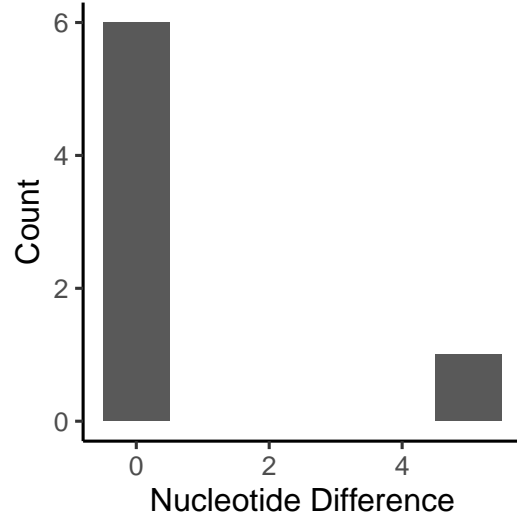
IGKV3-15*01

461 sequences assigned
246 (53.4%) exact matches, in which:
205 unique CDR3
5 unique J



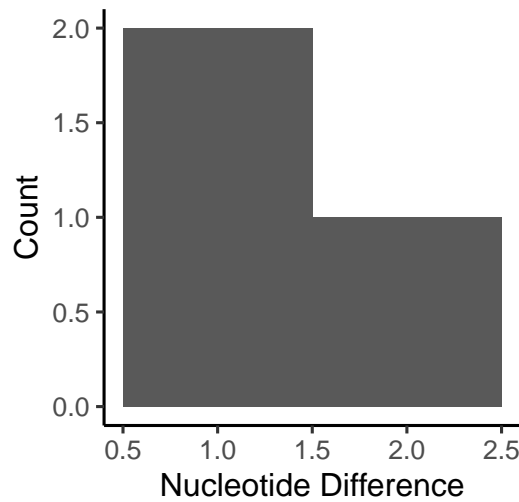
IGKV2-24*01

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



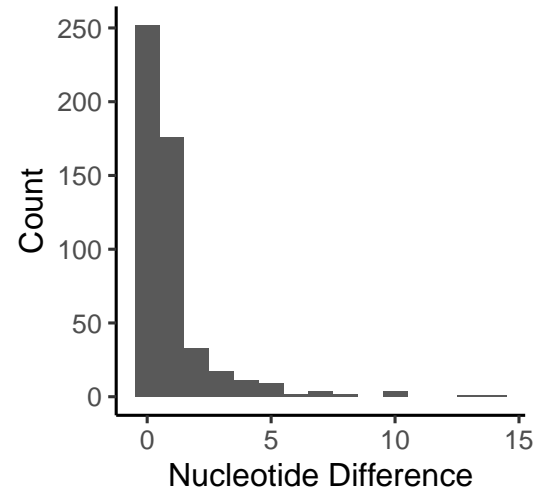
IGKV3-7*04

3 sequences assigned
No exact matches.



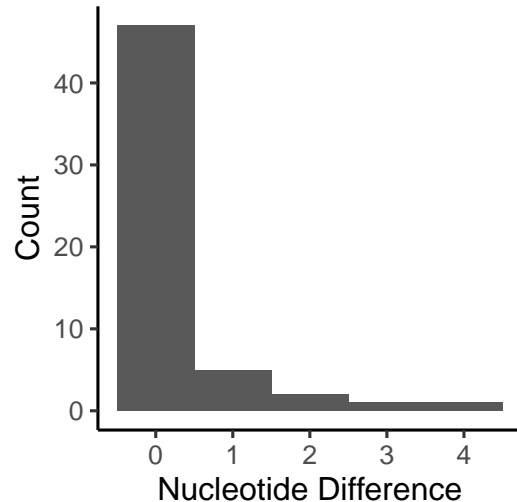
IGKV3-20*01

512 sequences assigned
252 (49.2%) exact matches, in which:
210 unique CDR3
5 unique J



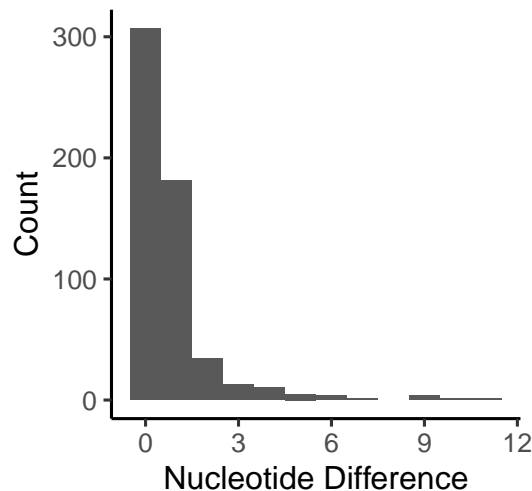
IGKV2-30*01

56 sequences assigned
47 (83.9%) exact matches, in which:
46 unique CDR3
5 unique J



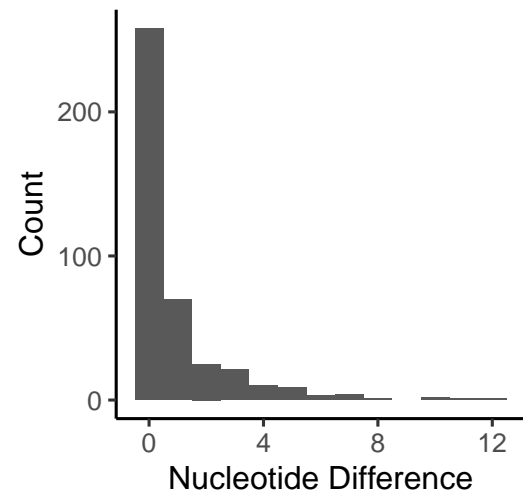
IGKV3-11*01

561 sequences assigned
307 (54.7%) exact matches, in which:
267 unique CDR3
5 unique J



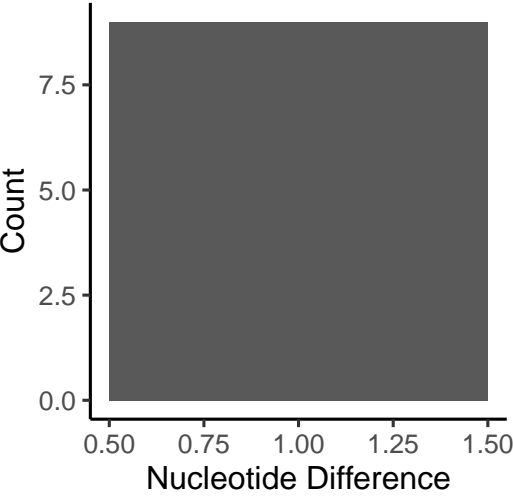
IGKV4-1*01_A318G

405 sequences assigned
258 (63.7%) exact matches, in which:
207 unique CDR3
5 unique J



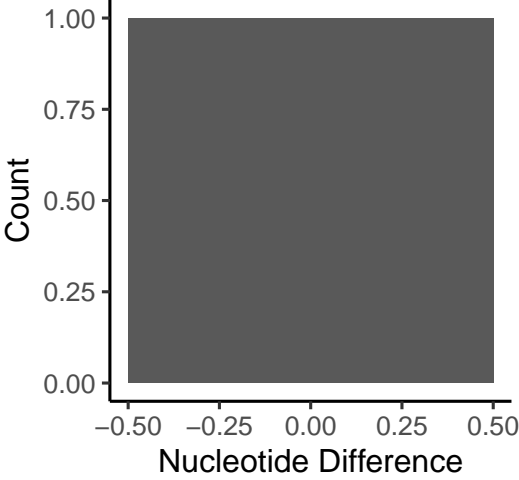
IGKV5-2*01

9 sequences assigned
No exact matches.



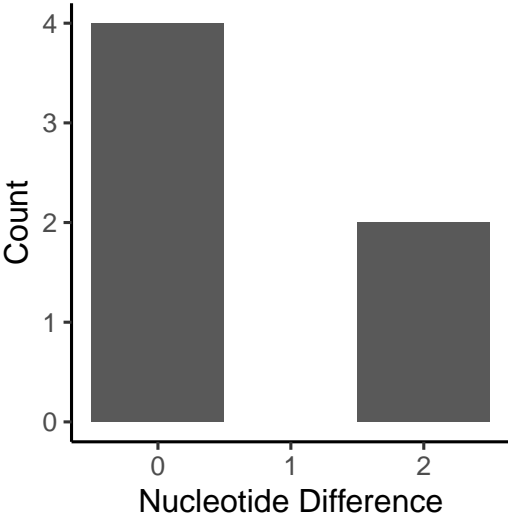
IGKV3D-11*02

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



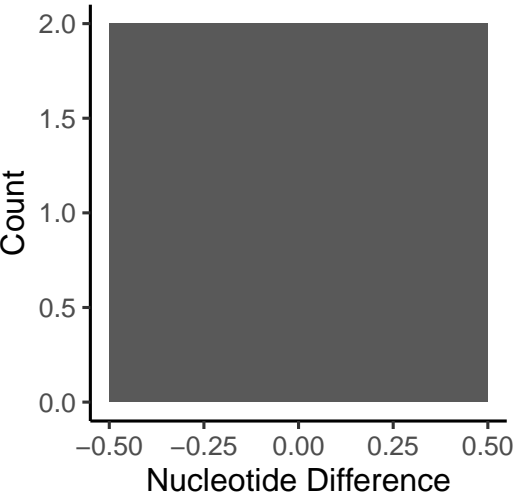
IGKV3D-20*01

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
4 unique J



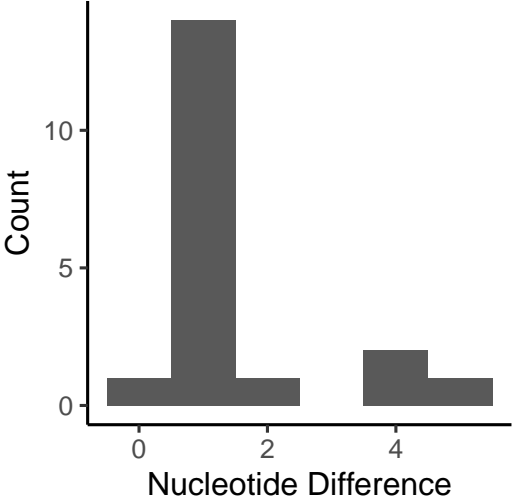
IGKV3D-7*01

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



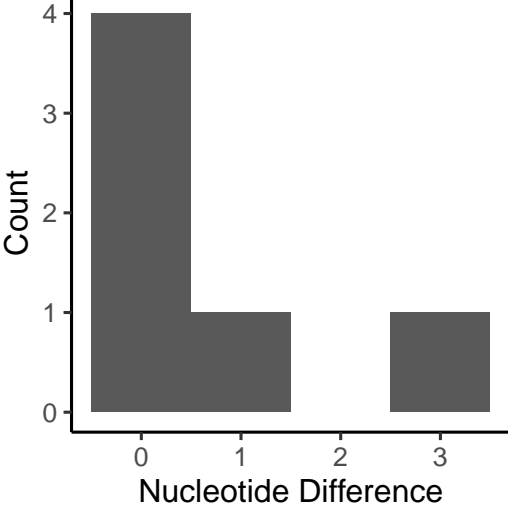
IGKV3D-15*01

19 sequences assigned
1 (5.3%) exact matches, in which:
1 unique CDR3
1 unique J



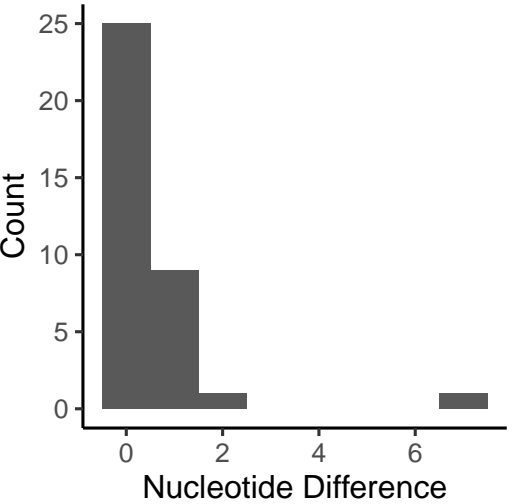
IGKV2D-29*02

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
4 unique J



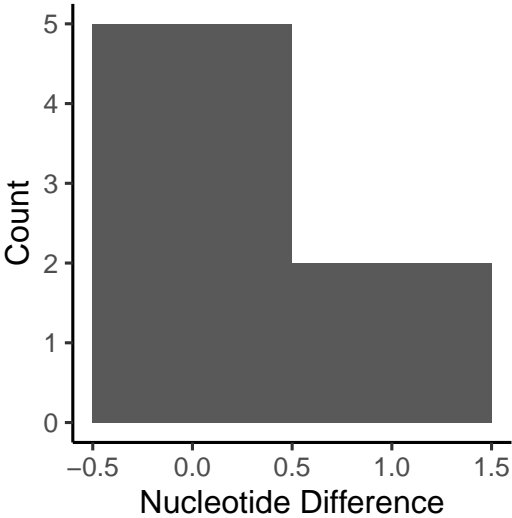
IGKV1D-8*03

36 sequences assigned
25 (69.4%) exact matches, in which:
19 unique CDR3
4 unique J



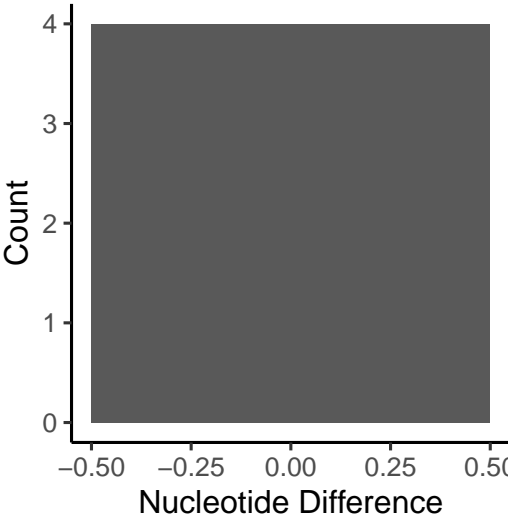
IGKV1D-16*02

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



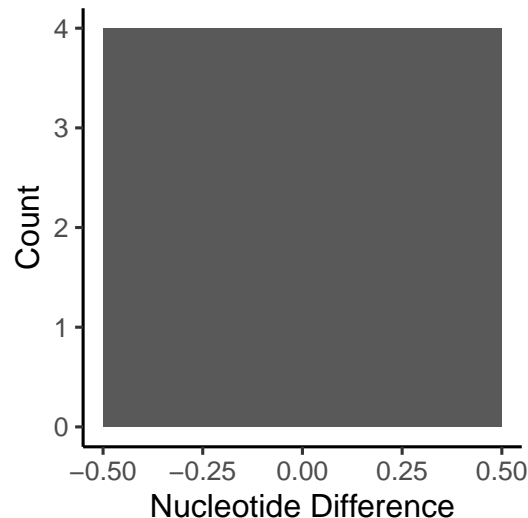
IGKV2D-30*01

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



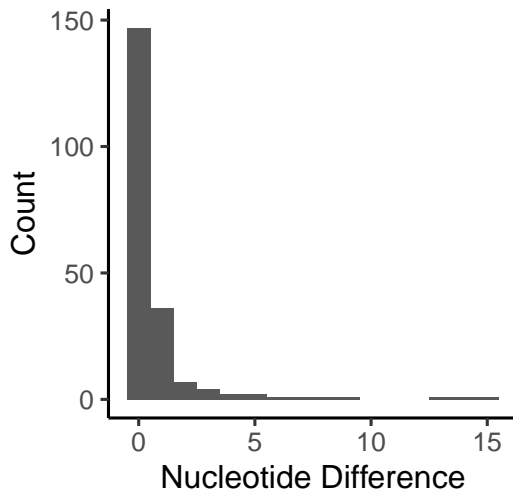
IGKV1D-43*01

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



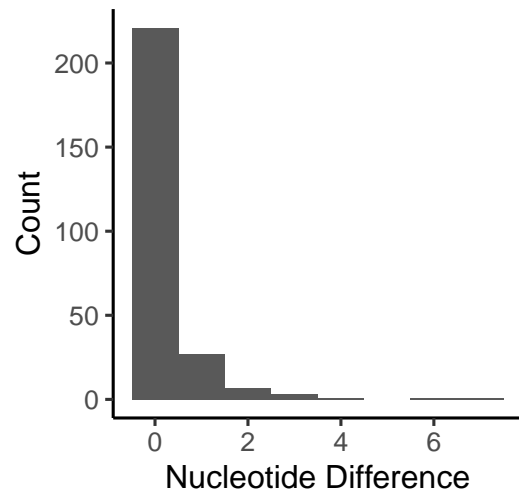
IGKV1E-13*02

205 sequences assigned
147 (71.7%) exact matches, in which:
123 unique CDR3
5 unique J



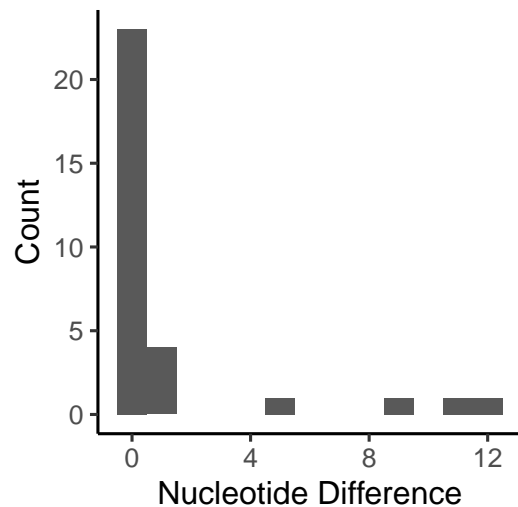
IGKV2E-28*01

262 sequences assigned
221 (84.4%) exact matches, in which:
197 unique CDR3
5 unique J



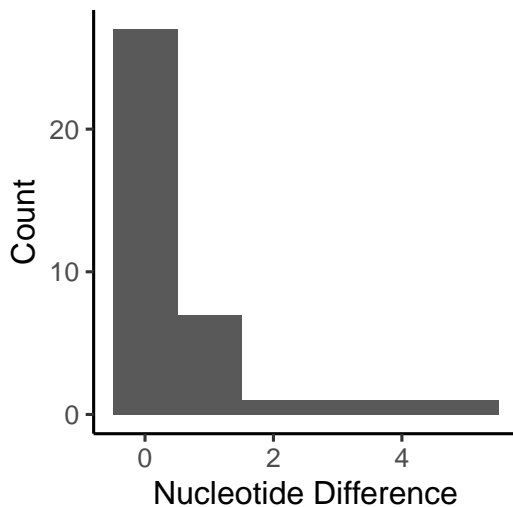
IGKV1E-12*01

31 sequences assigned
23 (74.2%) exact matches, in which:
21 unique CDR3
5 unique J



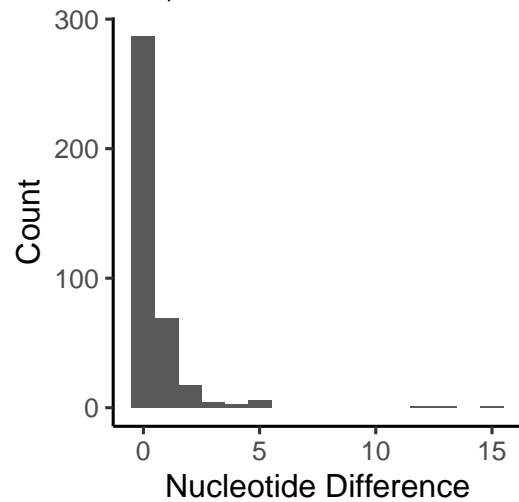
IGKV6E-21*01

38 sequences assigned
27 (71.1%) exact matches, in which:
20 unique CDR3
5 unique J



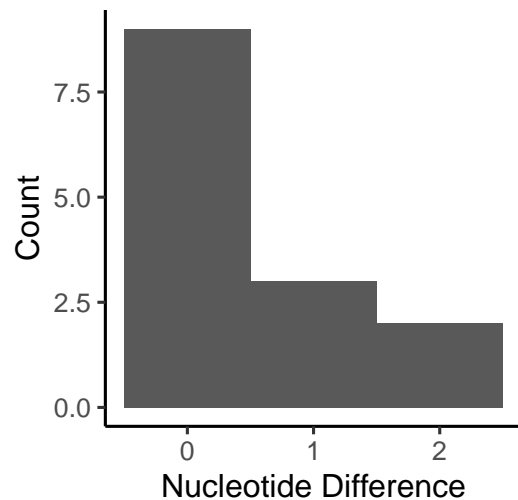
IGKV1E-33*01

389 sequences assigned
287 (73.8%) exact matches, in which:
236 unique CDR3
5 unique J



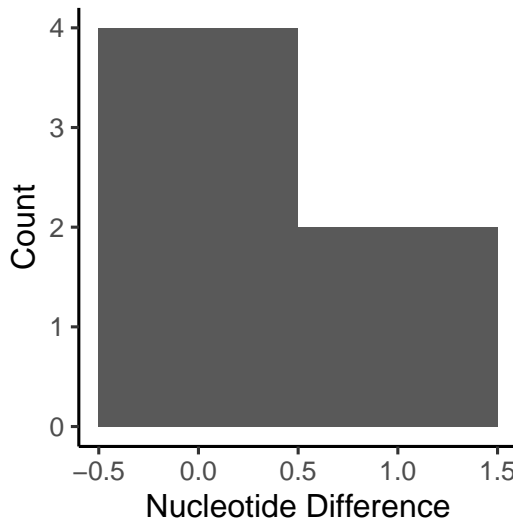
IGKV1E-12*02

14 sequences assigned
9 (64.3%) exact matches, in which:
7 unique CDR3
5 unique J



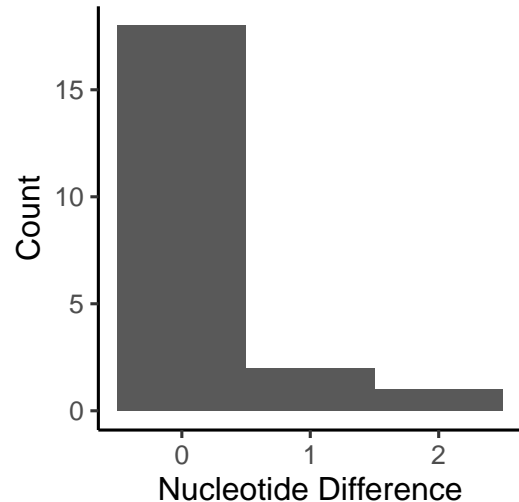
IGKV6E-21*01_A301G

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
3 unique J



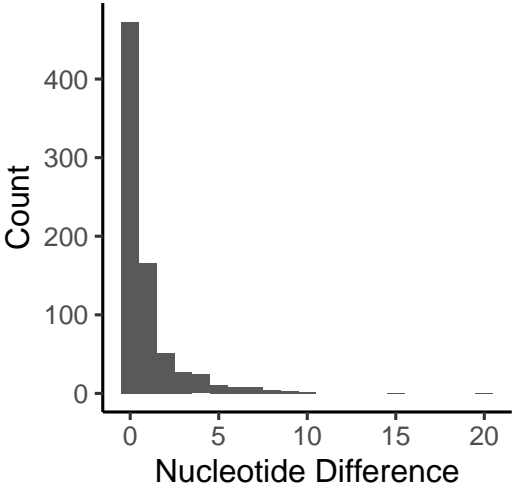
IGKV1E-37*01

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



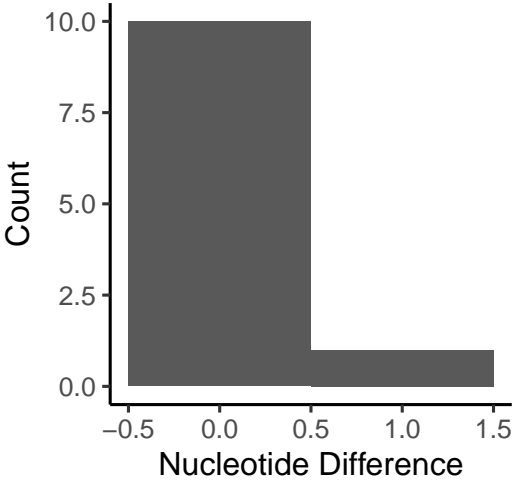
IGKV1E-39*01

779 sequences assigned
473 (60.7%) exact matches, in which:
384 unique CDR3
5 unique J



IGKV2E-40*01

11 sequences assigned
10 (90.9%) exact matches, in which:
10 unique CDR3
5 unique J





Warning – no inferred sequences found.