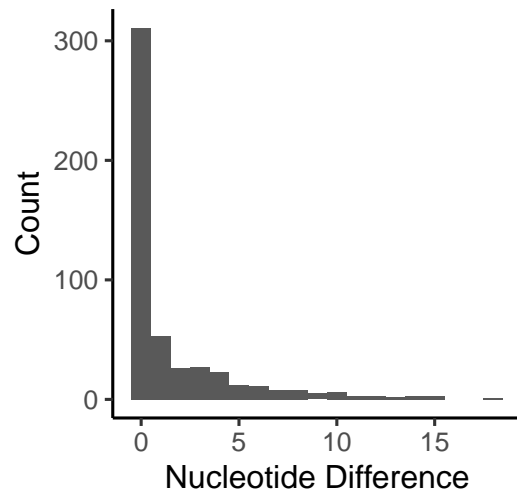


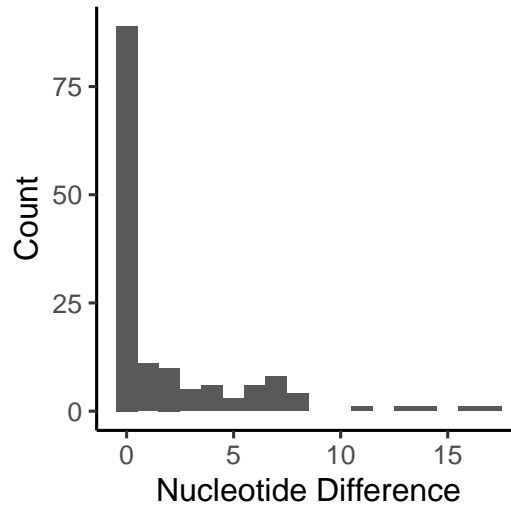
IGKV1-5*03

522 sequences assigned
311 (59.6%) exact matches, in which:
259 unique CDR3
5 unique J



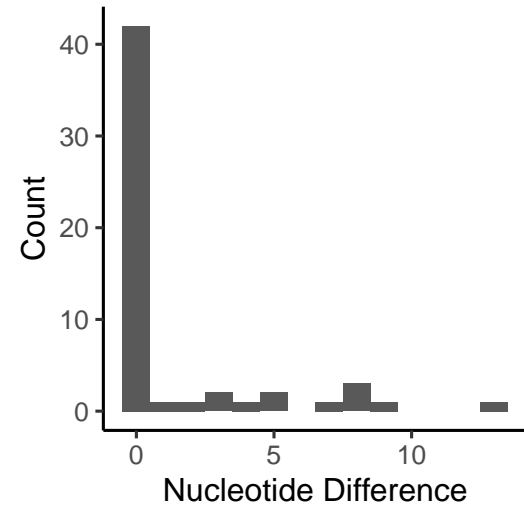
IGKV1-9*01

147 sequences assigned
89 (60.5%) exact matches, in which:
76 unique CDR3
5 unique J



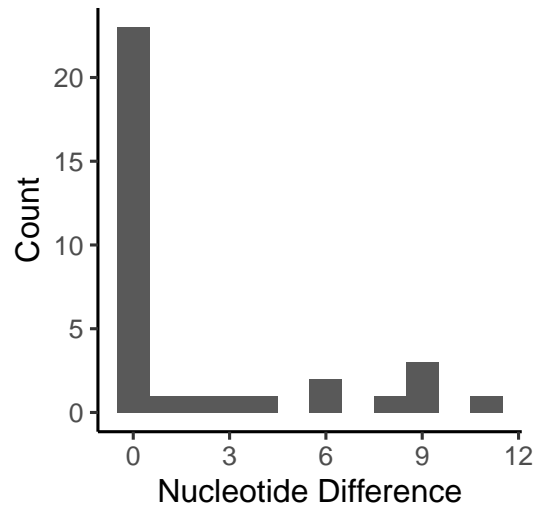
IGKV1-17*01

56 sequences assigned
42 (75%) exact matches, in which:
33 unique CDR3
5 unique J



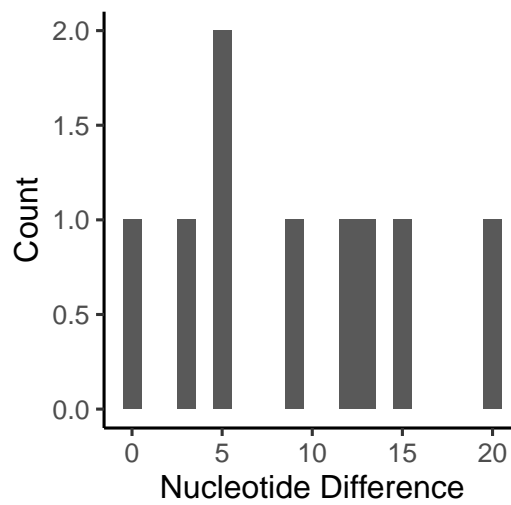
IGKV1-6*01

35 sequences assigned
23 (65.7%) exact matches, in which:
17 unique CDR3
4 unique J



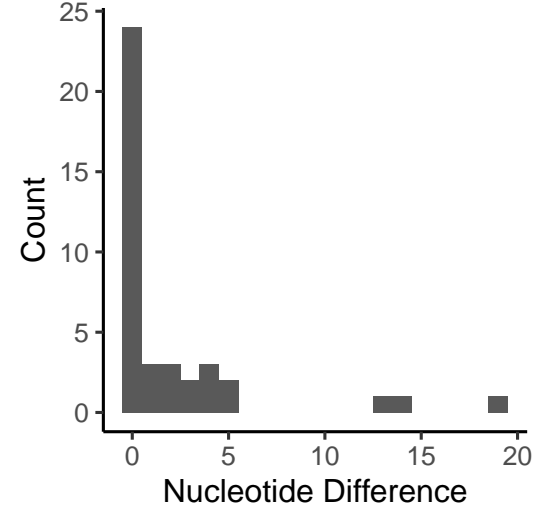
IGKV1-16*01

9 sequences assigned
1 (11.1%) exact matches, in which:
1 unique CDR3
1 unique J



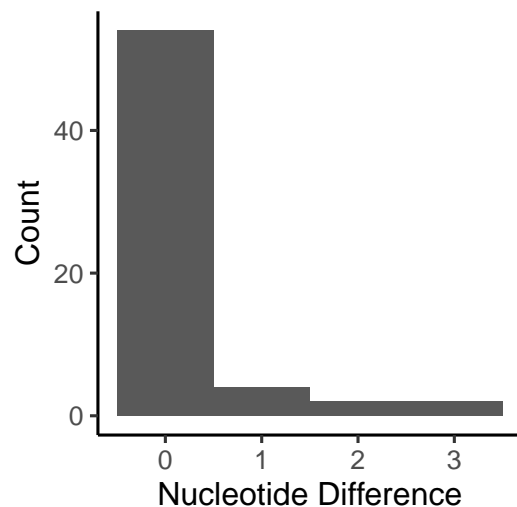
IGKV1-27*01

40 sequences assigned
24 (60%) exact matches, in which:
17 unique CDR3
4 unique J



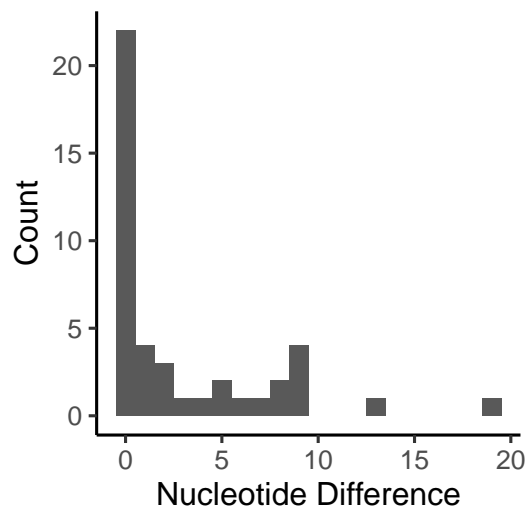
IGKV1-8*01

63 sequences assigned
54 (85.7%) exact matches, in which:
44 unique CDR3
5 unique J



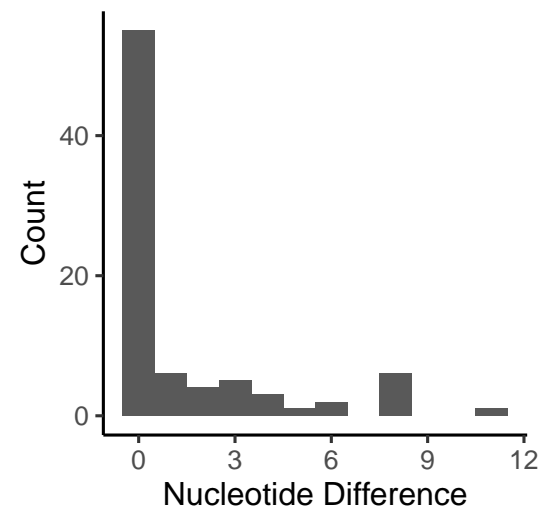
IGKV1-16*02

43 sequences assigned
22 (51.2%) exact matches, in which:
20 unique CDR3
4 unique J



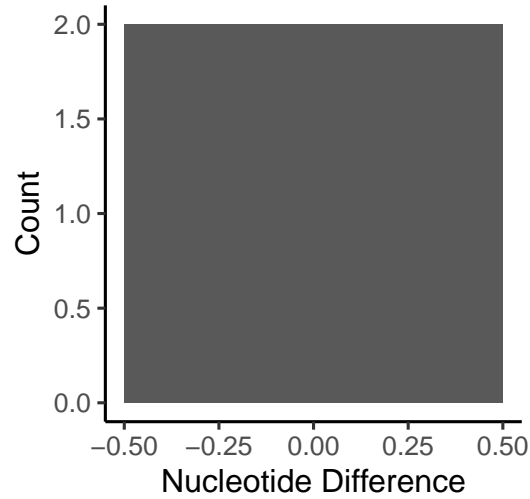
IGKV1-NL1*01

84 sequences assigned
55 (65.5%) exact matches, in which:
51 unique CDR3
5 unique J



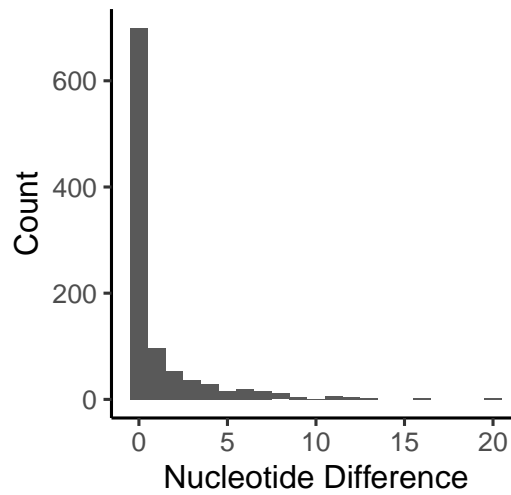
IGKV2-24*01

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



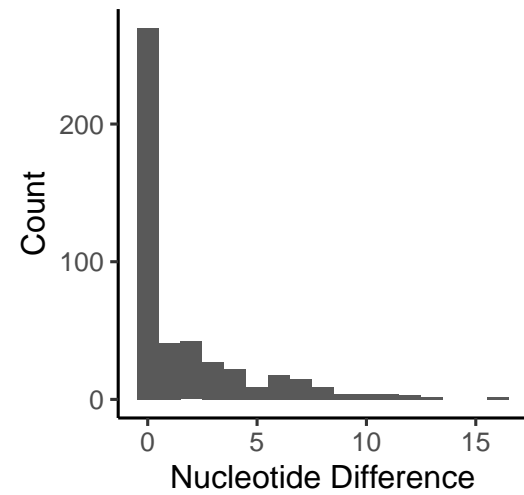
IGKV3-11*01

1008 sequences assigned
700 (69.4%) exact matches, in which:
560 unique CDR3
5 unique J



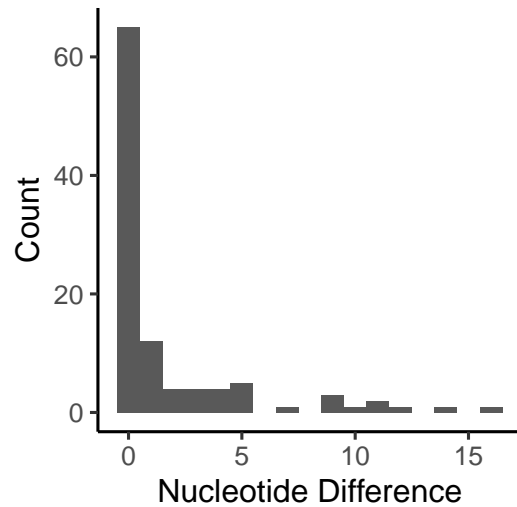
IGKV4-1*01

474 sequences assigned
270 (57%) exact matches, in which:
211 unique CDR3
5 unique J



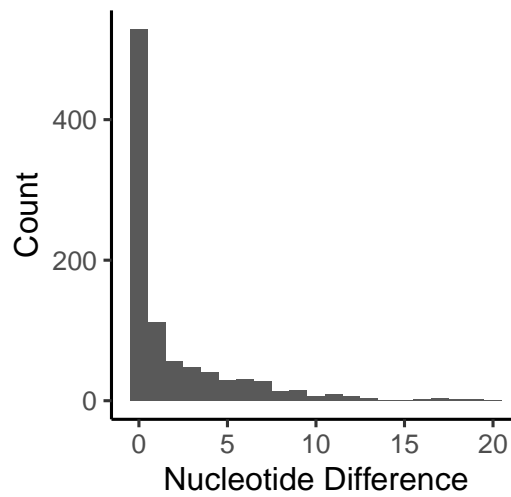
IGKV2-30*01

104 sequences assigned
65 (62.5%) exact matches, in which:
56 unique CDR3
5 unique J



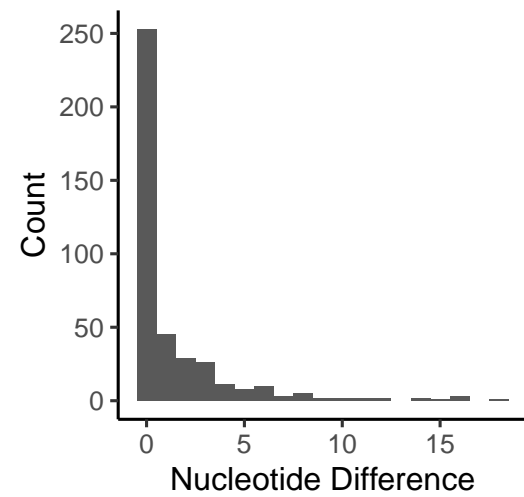
IGKV3-15*01

944 sequences assigned
529 (56%) exact matches, in which:
419 unique CDR3
5 unique J



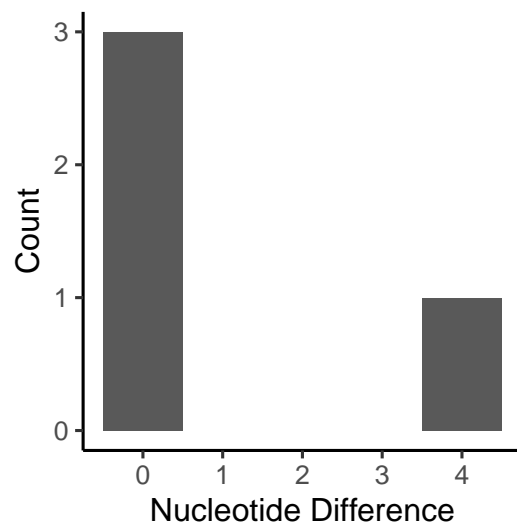
IGKV4-1*01_G72A

406 sequences assigned
253 (62.3%) exact matches, in which:
192 unique CDR3
5 unique J



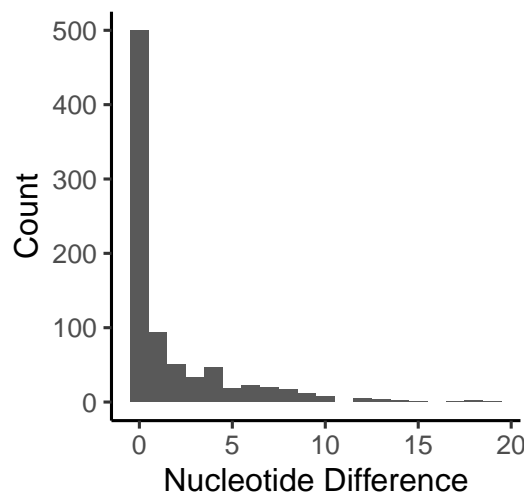
IGKV3-7*04

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



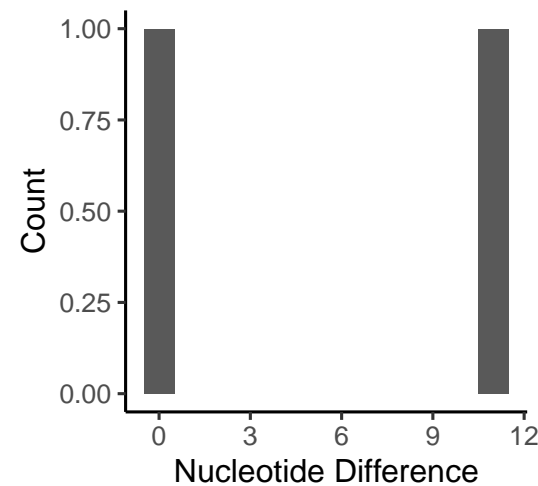
IGKV3-20*01

844 sequences assigned
500 (59.2%) exact matches, in which:
405 unique CDR3
5 unique J



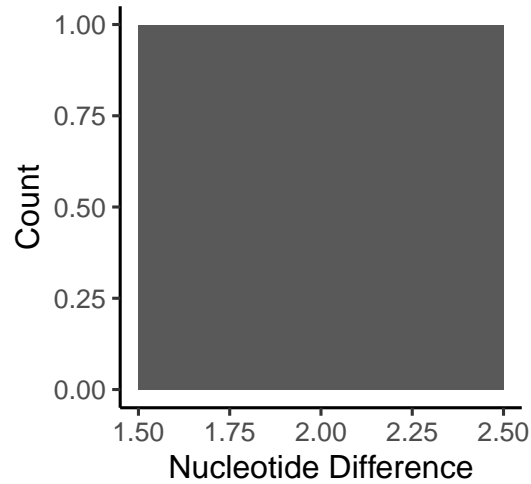
IGKV5-2*01

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



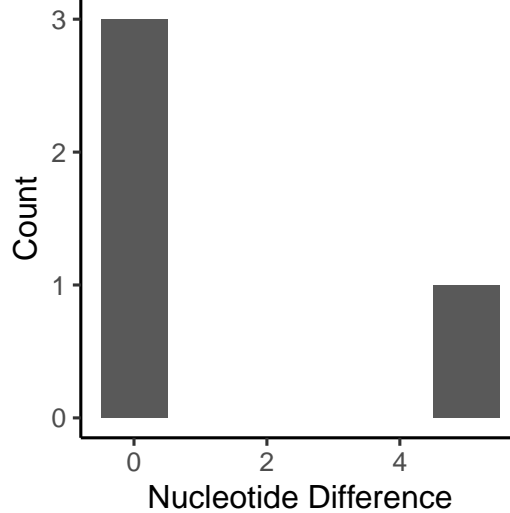
IGKV1/OR15-118*01

1 sequences assigned
No exact matches.



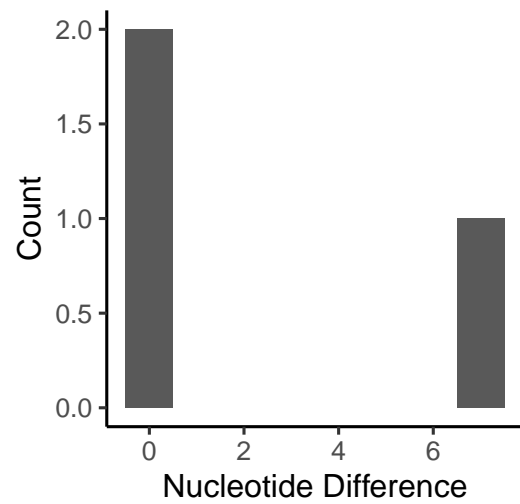
IGKV3D-11*02

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



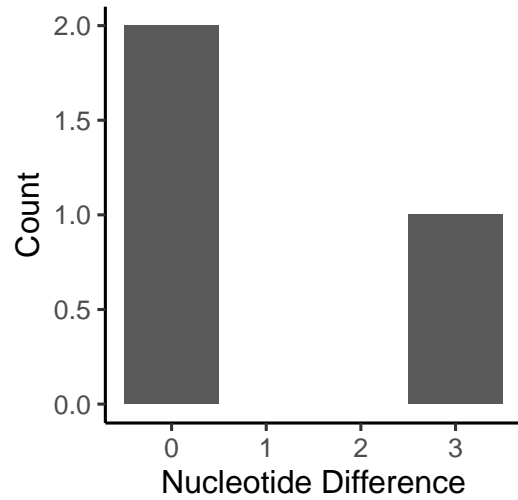
IGKV1D-16*01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
2 unique J



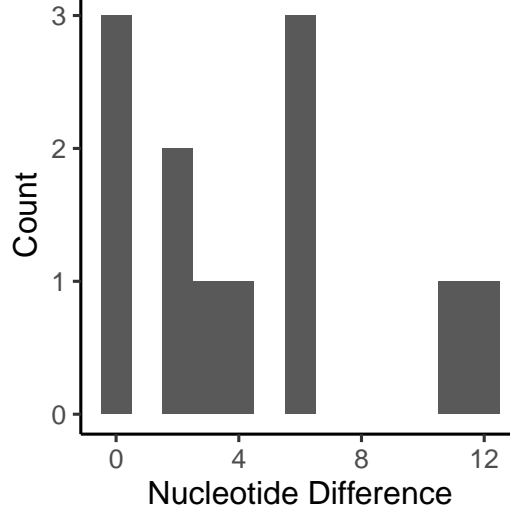
IGKV3D-7*01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
1 unique J



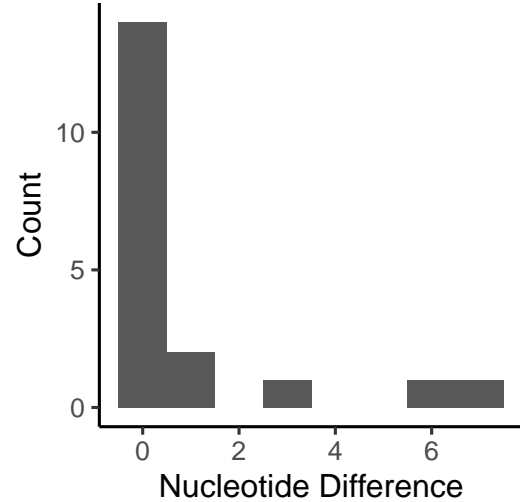
IGKV3D-15*01

21 sequences assigned
3 (14.3%) exact matches, in which:
3 unique CDR3
2 unique J



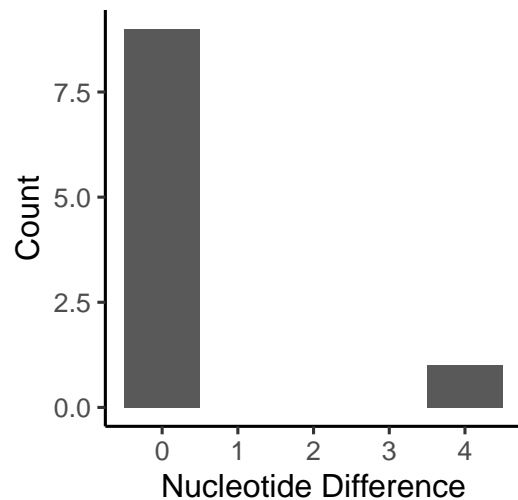
IGKV3D-20*01

19 sequences assigned
14 (73.7%) exact matches, in which:
12 unique CDR3
5 unique J



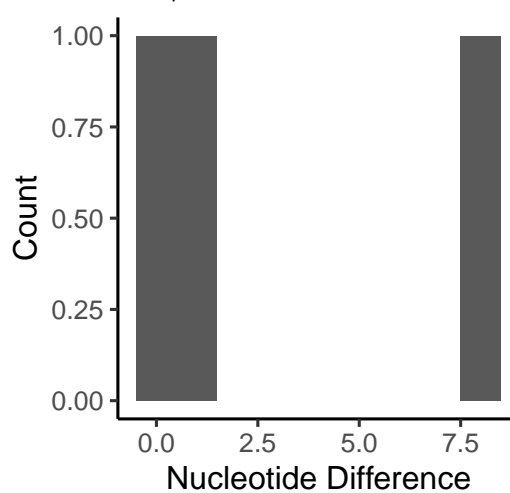
IGKV1D-8*01

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



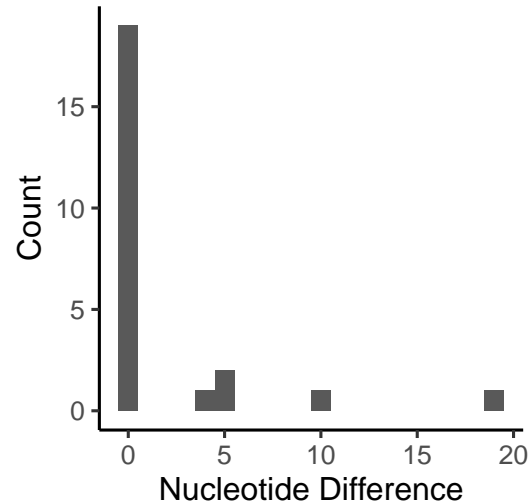
IGKV3D-15*01_A326G

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



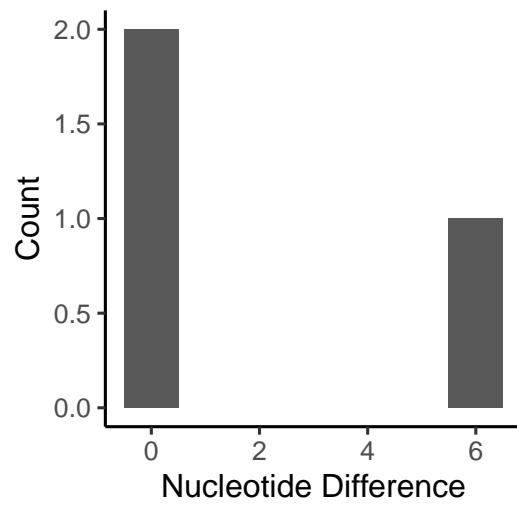
IGKV2D-29*01

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



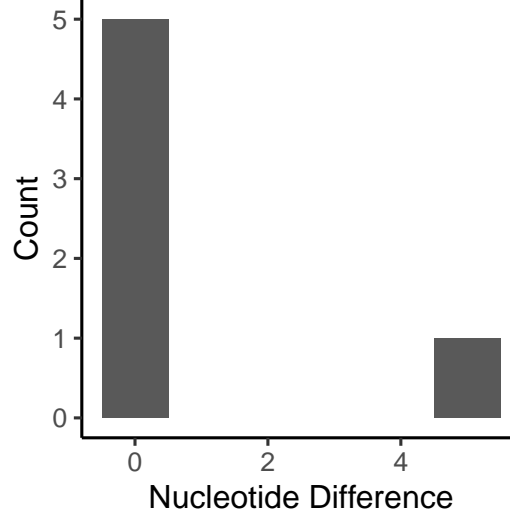
IGKV2D-30*01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
1 unique J



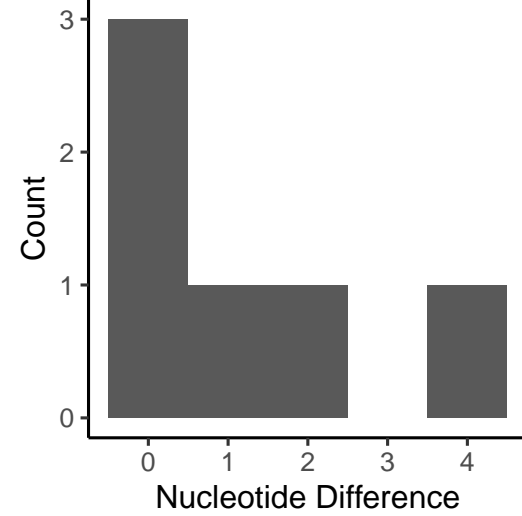
IGKV1E-12*02

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



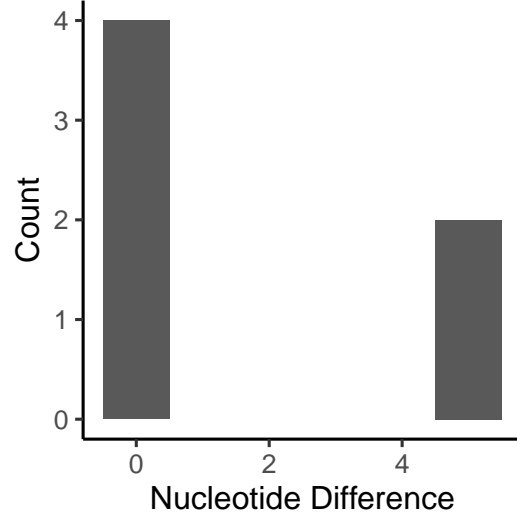
IGKV6E-21*01

6 sequences assigned
3 (50%) exact matches, in which:
3 unique CDR3
2 unique J



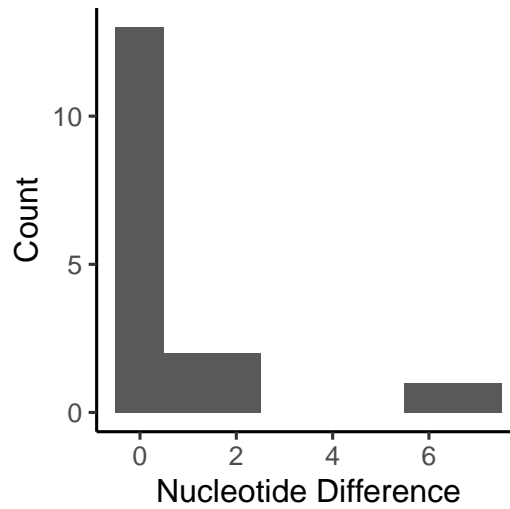
IGKV1D-43*01

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



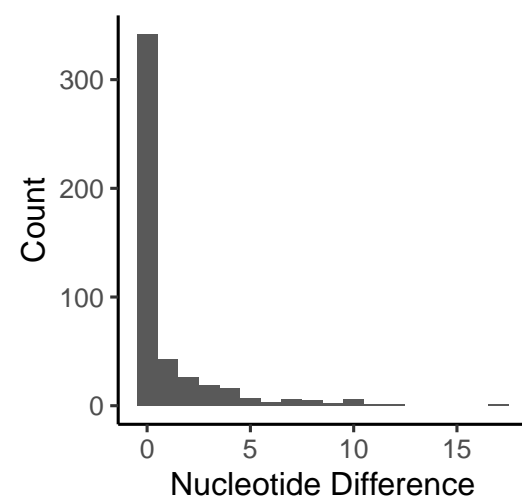
IGKV1E-12*03

19 sequences assigned
13 (68.4%) exact matches, in which:
13 unique CDR3
4 unique J



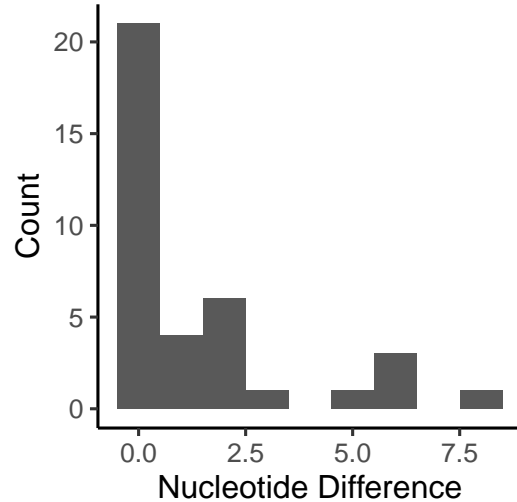
IGKV2E-28*01

479 sequences assigned
342 (71.4%) exact matches, in which:
275 unique CDR3
5 unique J



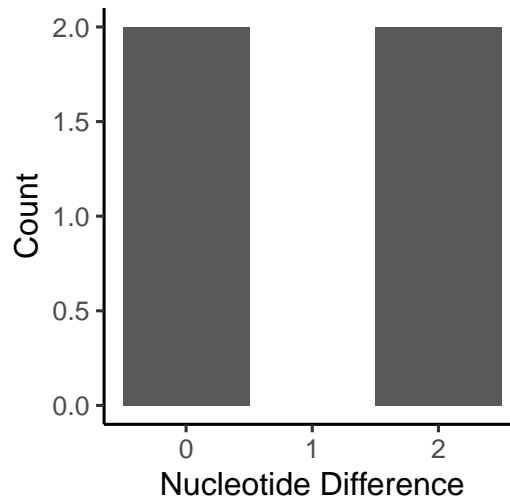
IGKV1E-12*01

37 sequences assigned
21 (56.8%) exact matches, in which:
17 unique CDR3
5 unique J



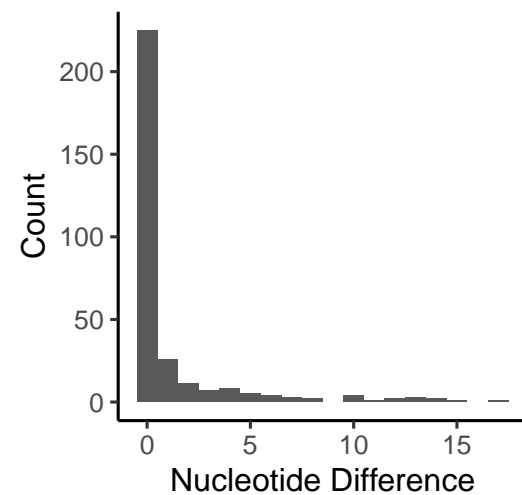
IGKV1E-13*03

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



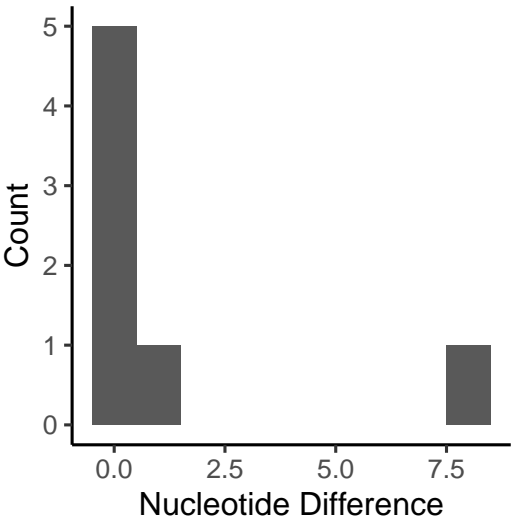
IGKV1E-33*01

307 sequences assigned
225 (73.3%) exact matches, in which:
185 unique CDR3
5 unique J



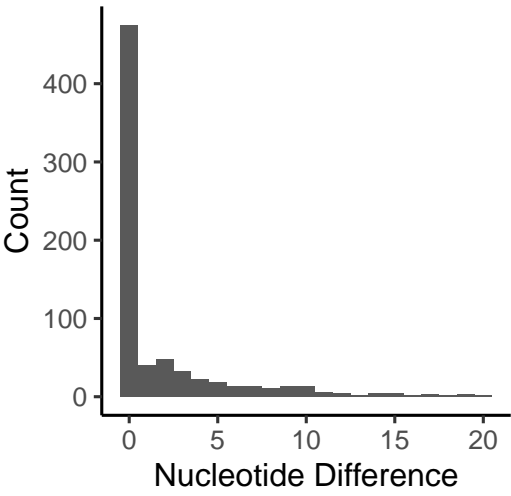
IGKV1E-37*01

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



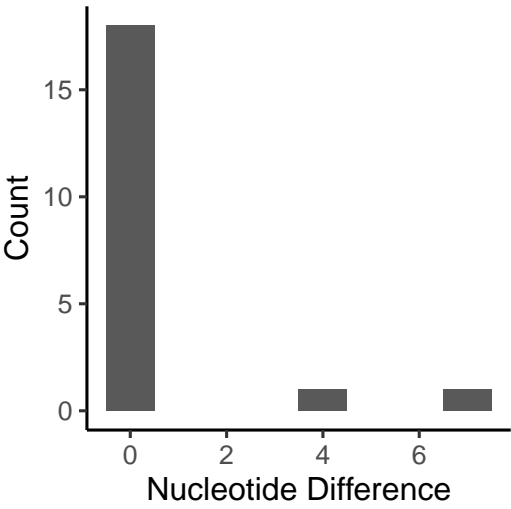
IGKV1E-39*01

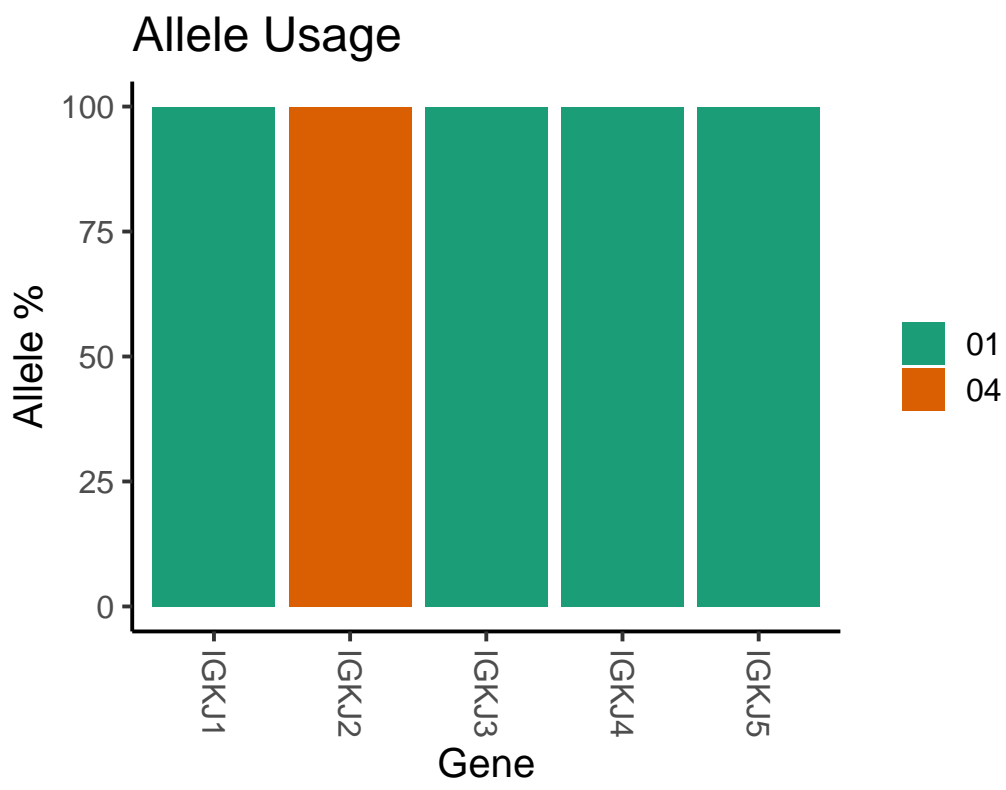
745 sequences assigned
475 (63.8%) exact matches, in which:
358 unique CDR3
5 unique J



IGKV2E-40*01

20 sequences assigned
18 (90%) exact matches, in which:
15 unique CDR3
5 unique J





Warning – no inferred sequences found.