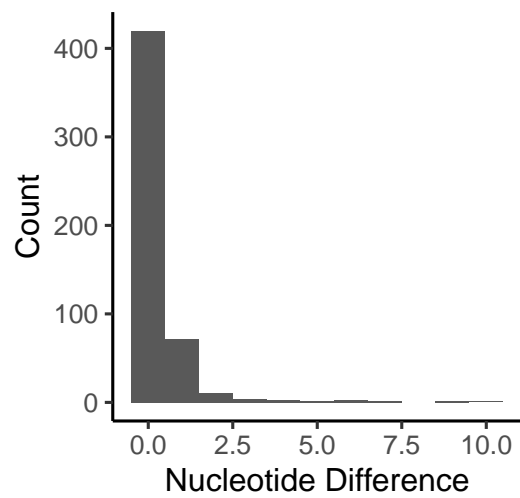


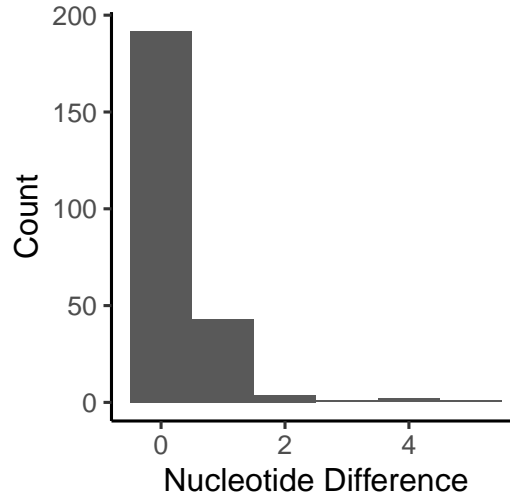
IGKV1–5*03

520 sequences assigned
420 (80.8%) exact matches, in which:
349 unique CDR3
5 unique J



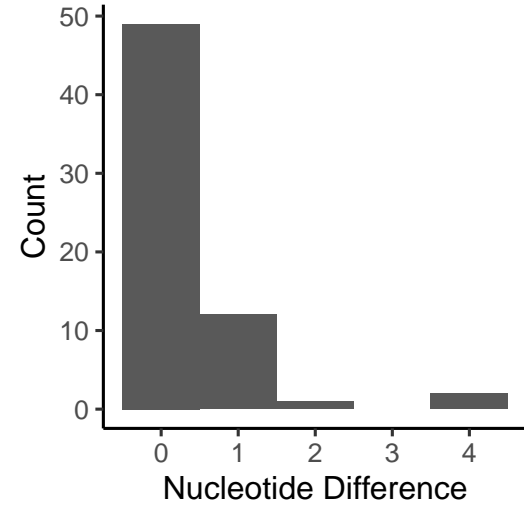
IGKV1–9*01

243 sequences assigned
192 (79%) exact matches, in which:
165 unique CDR3
5 unique J



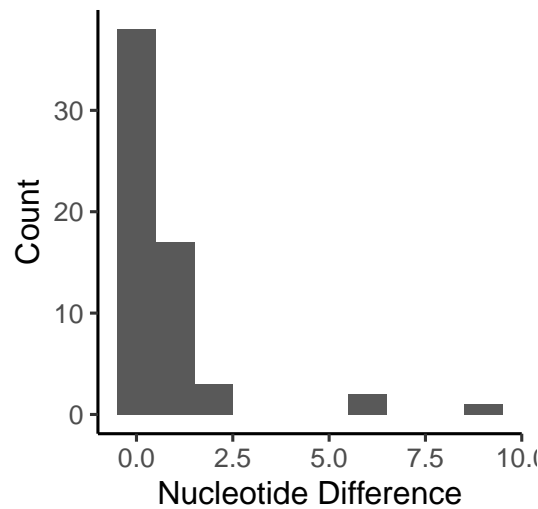
IGKV1–27*01

64 sequences assigned
49 (76.6%) exact matches, in which:
44 unique CDR3
5 unique J



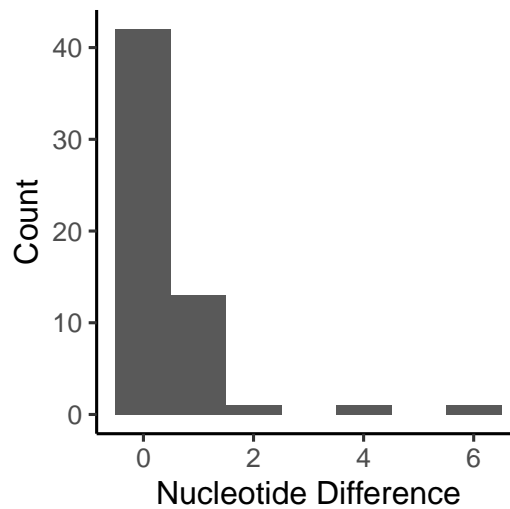
IGKV1–6*01

61 sequences assigned
38 (62.3%) exact matches, in which:
26 unique CDR3
5 unique J



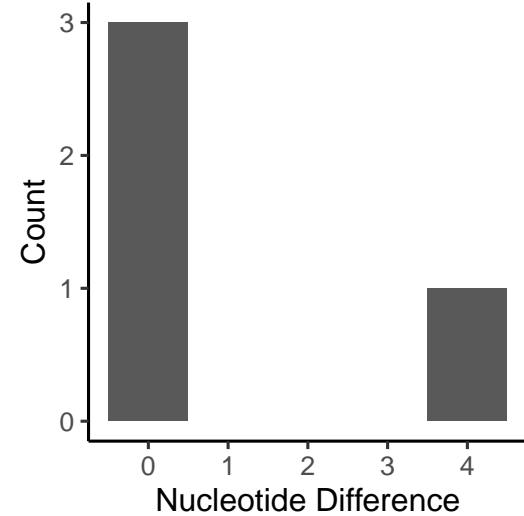
IGKV1–16*02

58 sequences assigned
42 (72.4%) exact matches, in which:
35 unique CDR3
5 unique J



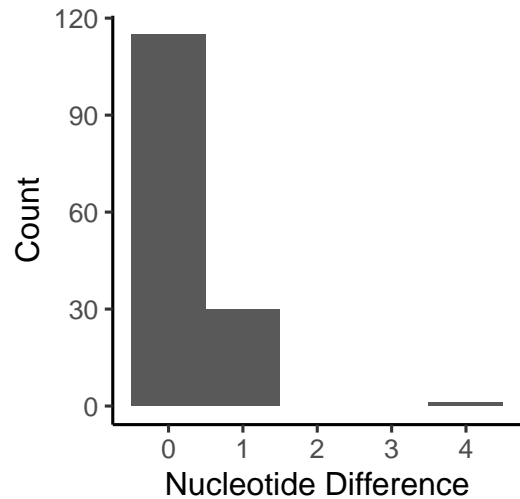
IGKV2/OR22–4*01

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



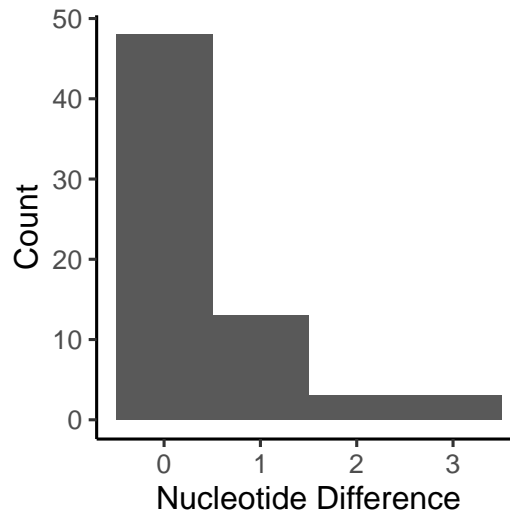
IGKV1–8*01

146 sequences assigned
115 (78.8%) exact matches, in which:
85 unique CDR3
5 unique J



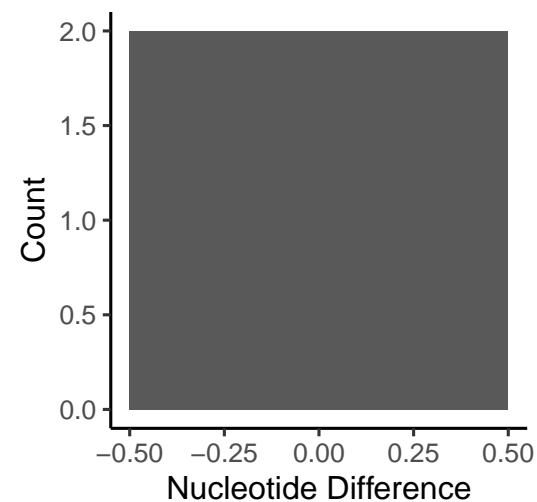
IGKV1–17*01

67 sequences assigned
48 (71.6%) exact matches, in which:
41 unique CDR3
5 unique J



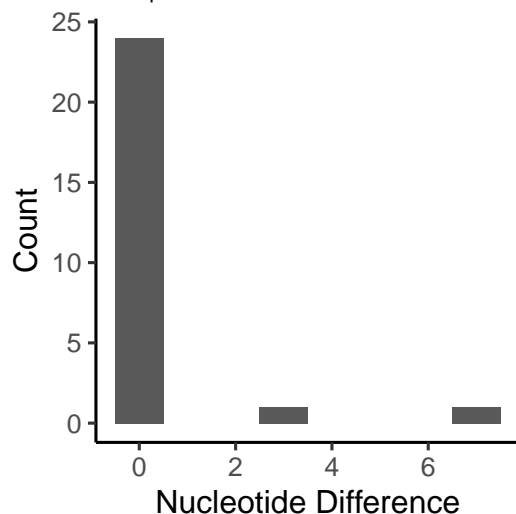
IGKV2–18*01

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



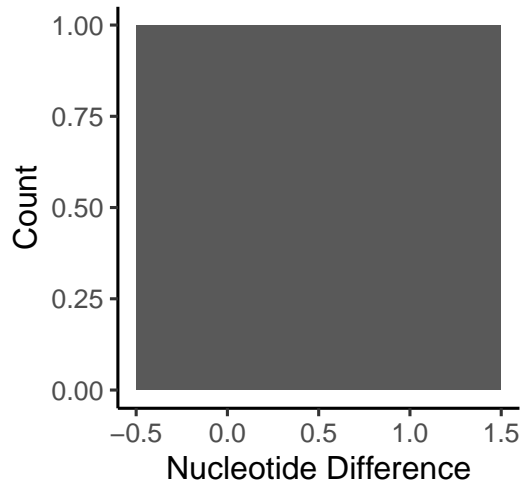
IGKV2–24*01

26 sequences assigned
24 (92.3%) exact matches, in which:
20 unique CDR3
5 unique J



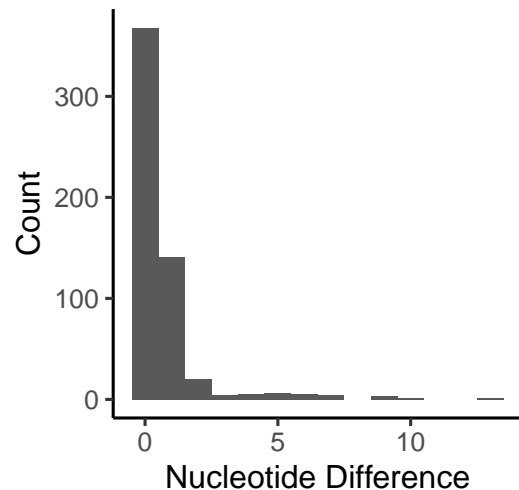
IGKV3–7*04

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



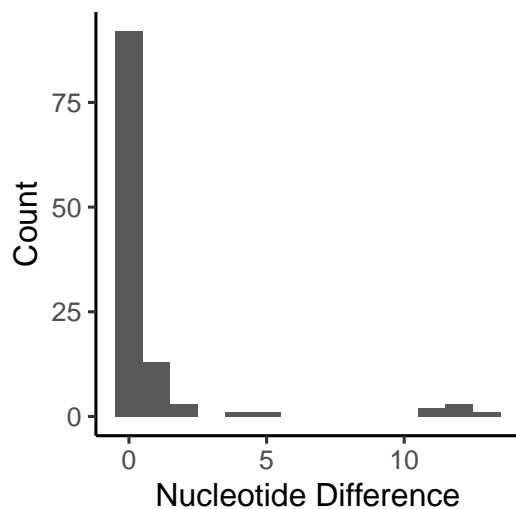
IGKV3–15*01

558 sequences assigned
368 (65.9%) exact matches, in which:
287 unique CDR3
5 unique J



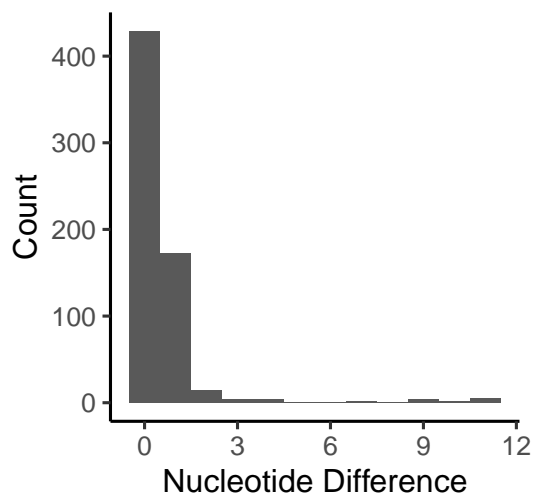
IGKV2–30*01

116 sequences assigned
92 (79.3%) exact matches, in which:
86 unique CDR3
5 unique J



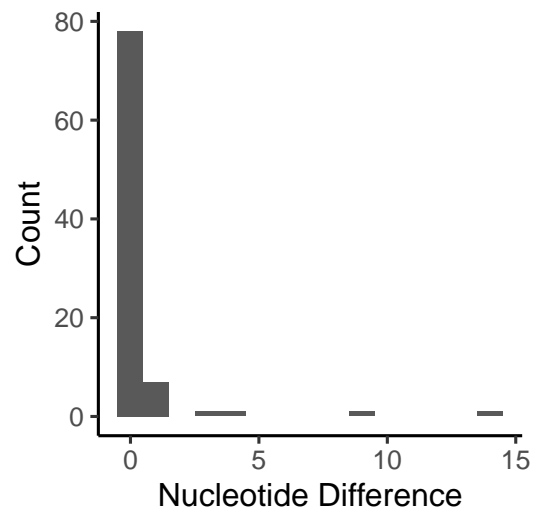
IGKV3–11*01

641 sequences assigned
429 (66.9%) exact matches, in which:
347 unique CDR3
5 unique J



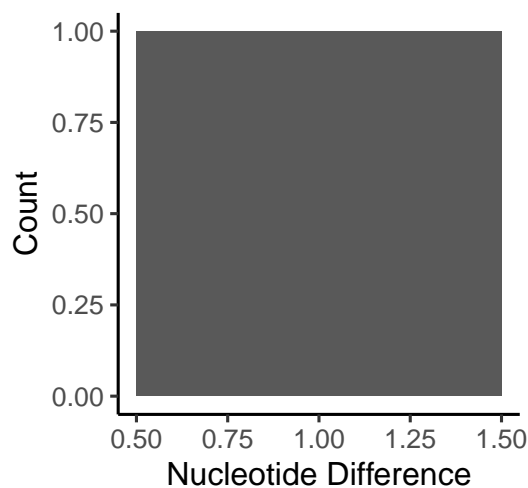
IGKV3–15*01_A223C

89 sequences assigned
78 (87.6%) exact matches, in which:
75 unique CDR3
5 unique J



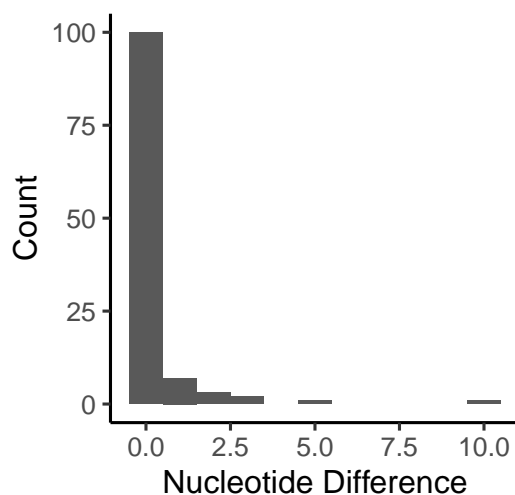
IGKV3/OR2–268*01

1 sequences assigned
No exact matches.



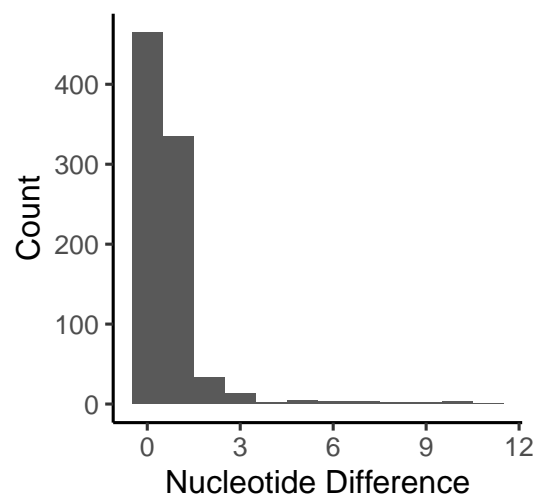
IGKV3–11*01_A223C

114 sequences assigned
100 (87.7%) exact matches, in which:
97 unique CDR3
5 unique J



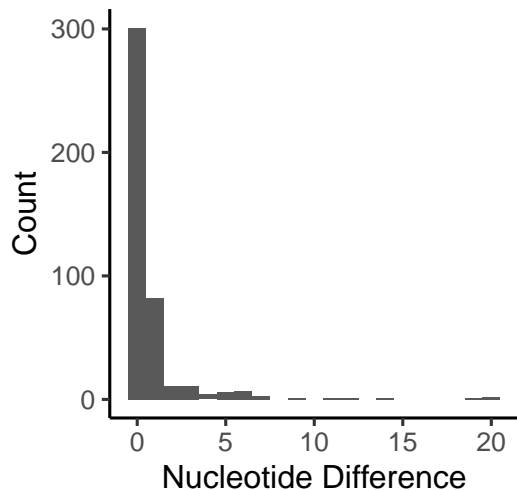
IGKV3–20*01

867 sequences assigned
465 (53.6%) exact matches, in which:
375 unique CDR3
5 unique J



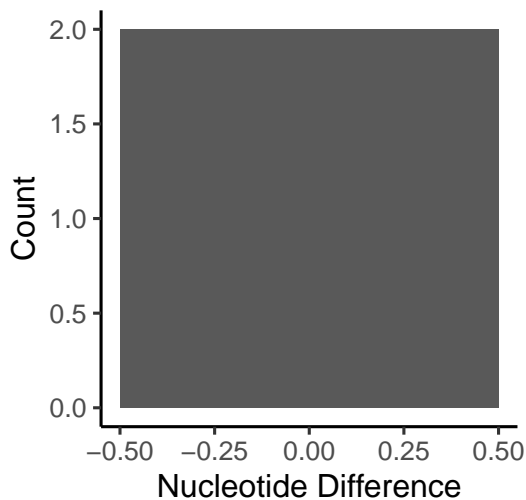
IGKV4-1*01

432 sequences assigned
301 (69.7%) exact matches, in which:
243 unique CDR3
5 unique J



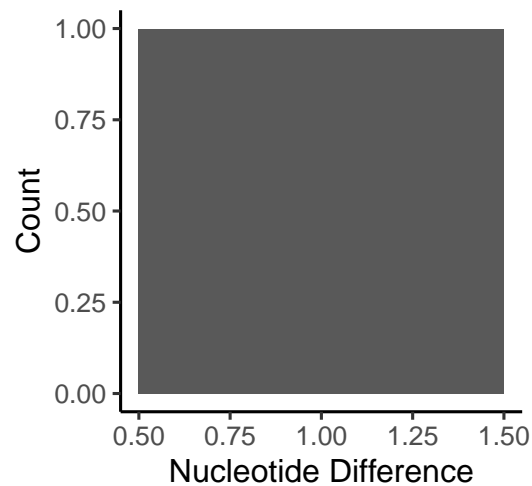
IGKV3D-7*01

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



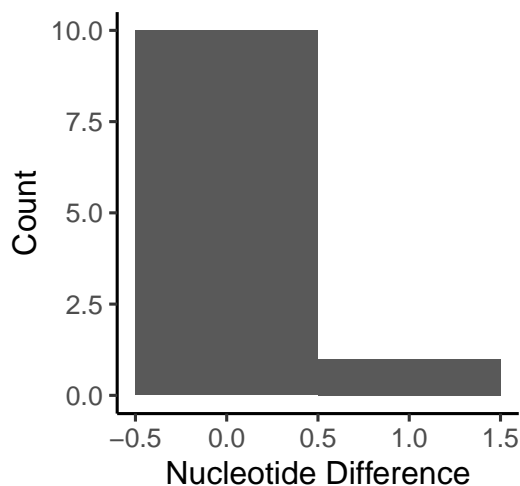
IGKV3D-11*02

1 sequences assigned
No exact matches.



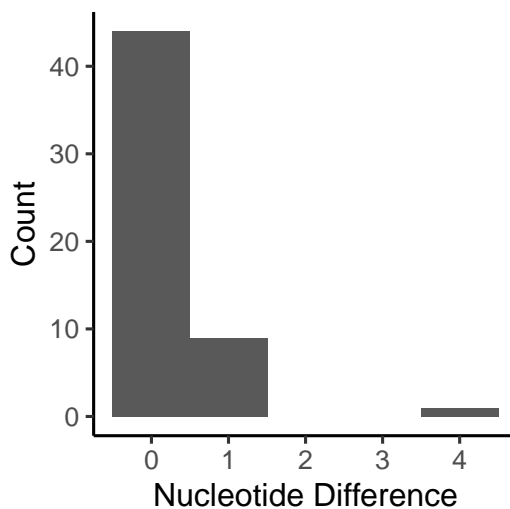
IGKV5-2*01

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



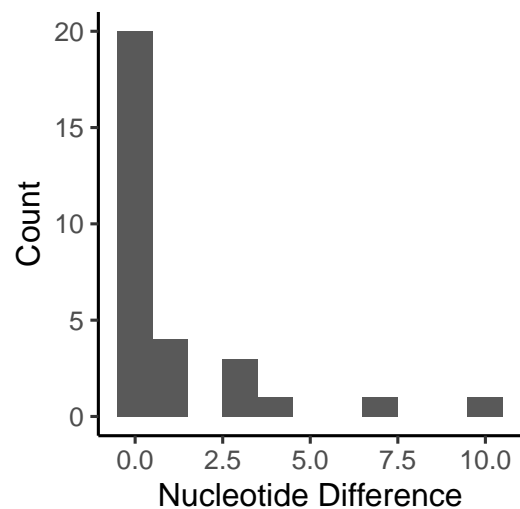
IGKV1D-8*01

54 sequences assigned
44 (81.5%) exact matches, in which:
36 unique CDR3
5 unique J



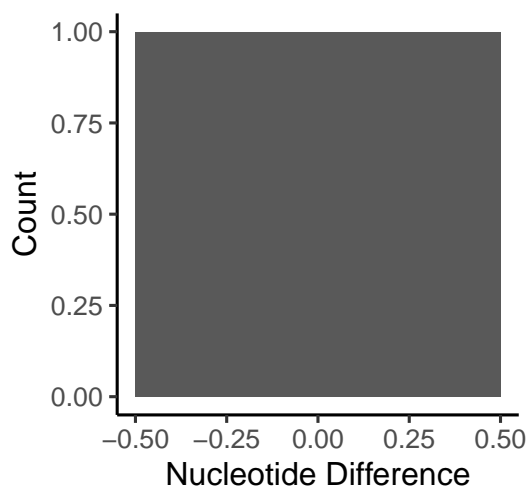
IGKV3D-15*01

30 sequences assigned
20 (66.7%) exact matches, in which:
17 unique CDR3
5 unique J



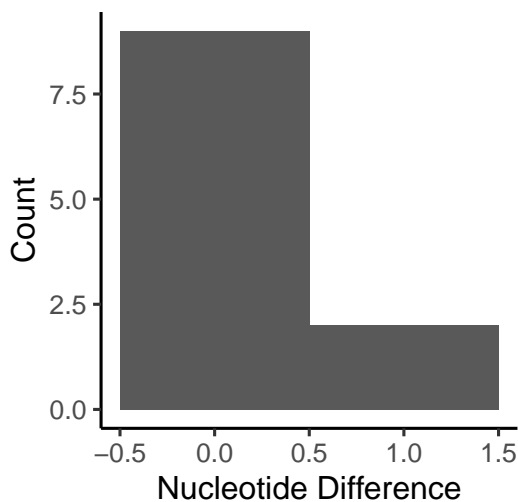
IGKV1/OR15-118*01

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



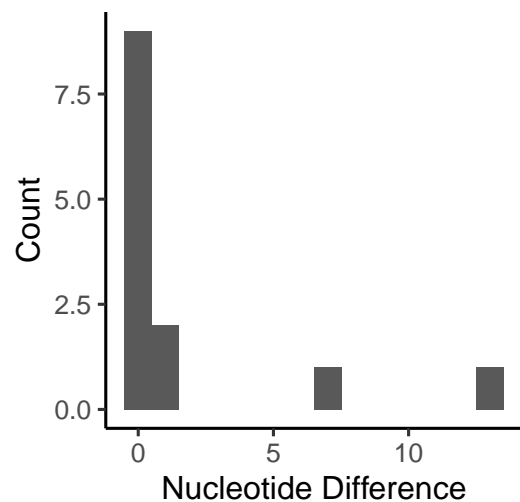
IGKV3D-11*01

11 sequences assigned
9 (81.8%) exact matches, in which:
9 unique CDR3
4 unique J



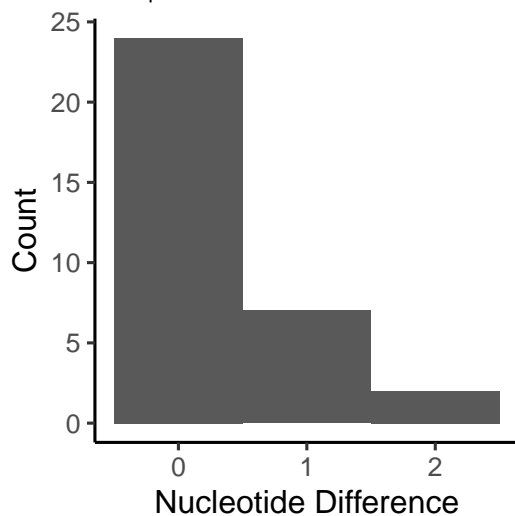
IGKV1D-16*01

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



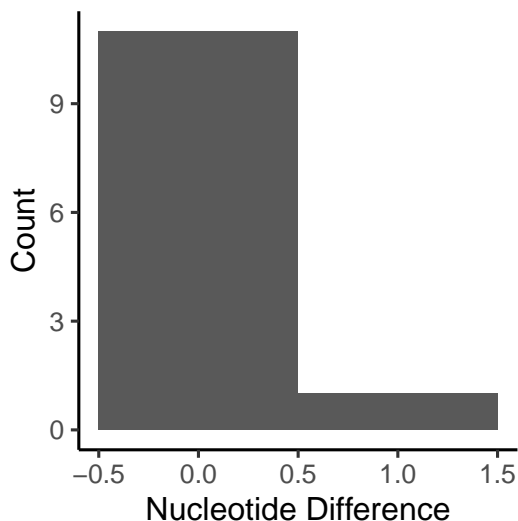
IGKV3D-20*01

33 sequences assigned
24 (72.7%) exact matches, in which:
24 unique CDR3
5 unique J



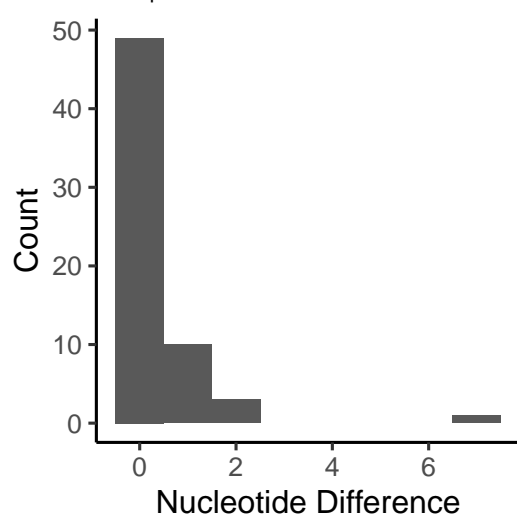
IGKV2D-30*01

12 sequences assigned
11 (91.7%) exact matches, in which:
11 unique CDR3
4 unique J



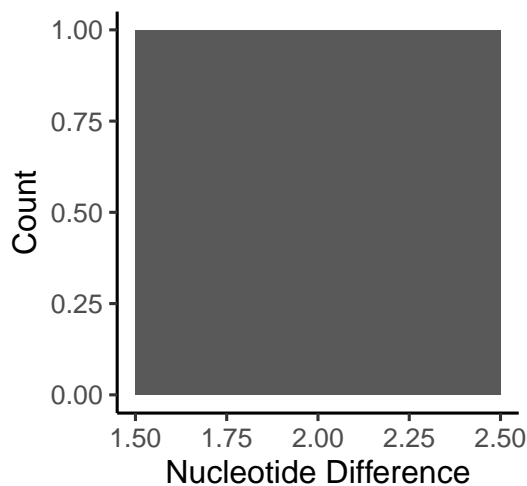
IGKV1E-12*01

63 sequences assigned
49 (77.8%) exact matches, in which:
35 unique CDR3
5 unique J



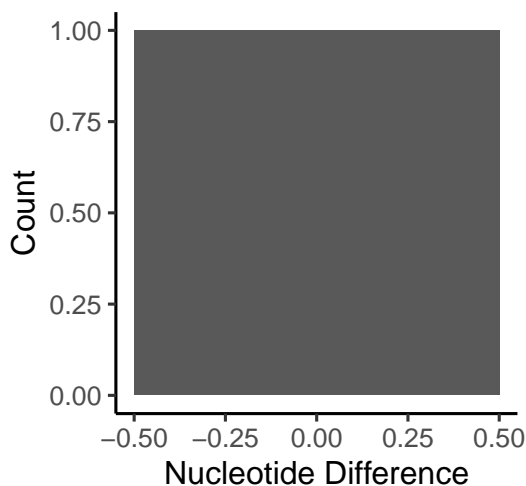
IGKV2D-26*03

1 sequences assigned
No exact matches.



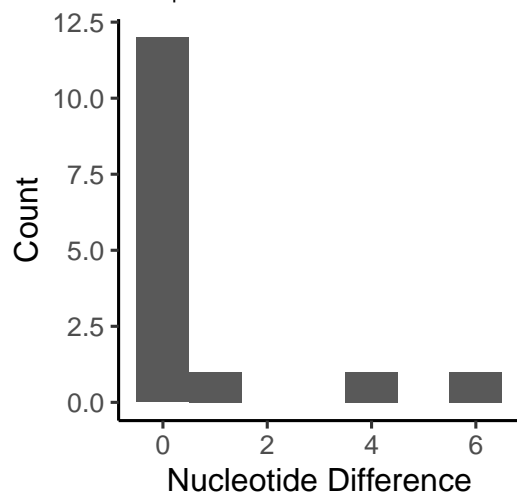
IGKV6D-41*01

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



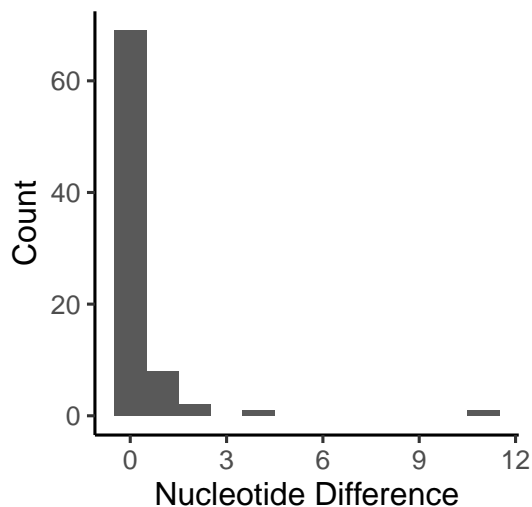
IGKV1E-12*02

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



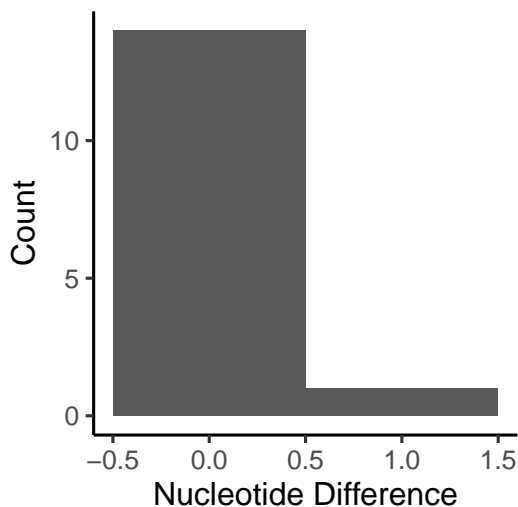
IGKV2D-29*01

81 sequences assigned
69 (85.2%) exact matches, in which:
57 unique CDR3
5 unique J



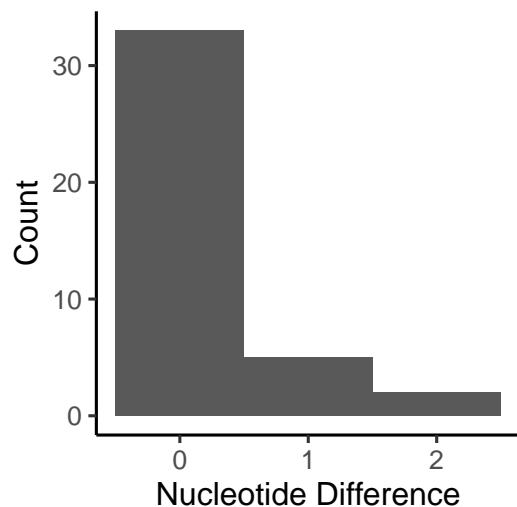
IGKV1D-43*01

15 sequences assigned
14 (93.3%) exact matches, in which:
14 unique CDR3
4 unique J



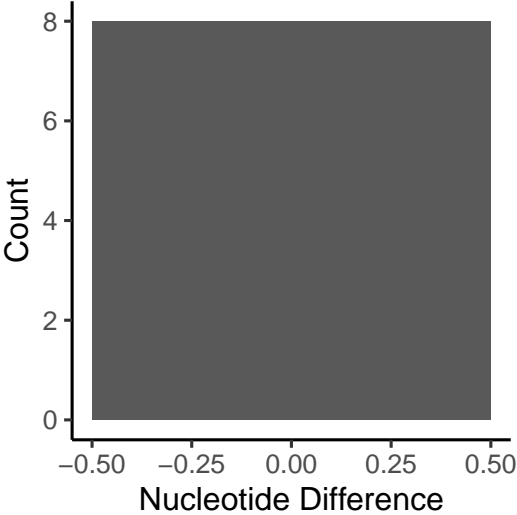
IGKV1E-12*03

40 sequences assigned
33 (82.5%) exact matches, in which:
30 unique CDR3
5 unique J



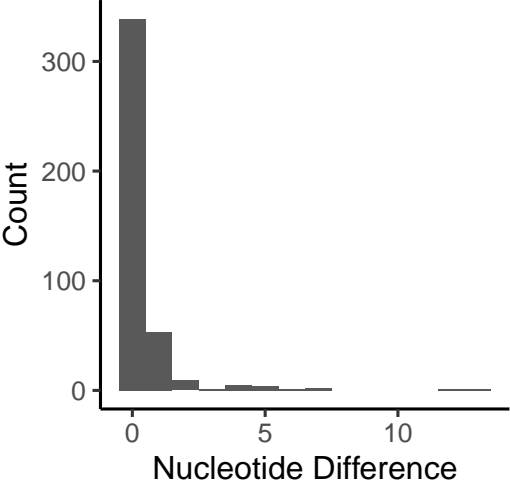
IGKV1E-13*03

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



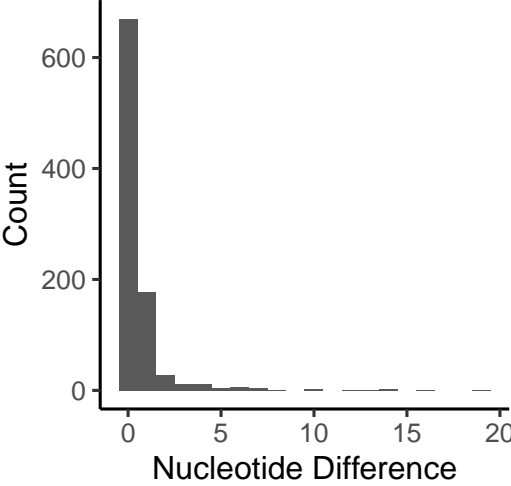
IGKV2E-28*01

416 sequences assigned
339 (81.5%) exact matches, in which:
265 unique CDR3
5 unique J



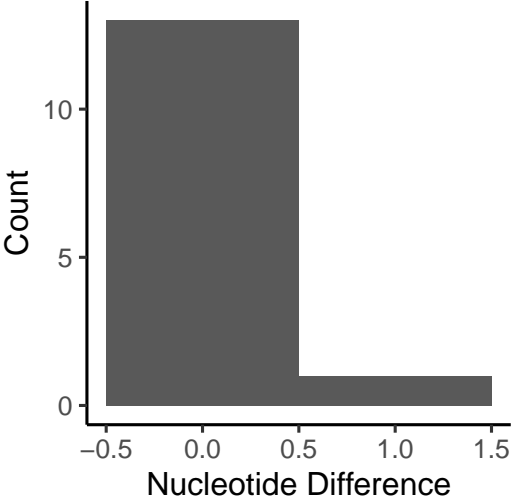
IGKV1E-39*01

924 sequences assigned
670 (72.5%) exact matches, in which:
524 unique CDR3
5 unique J



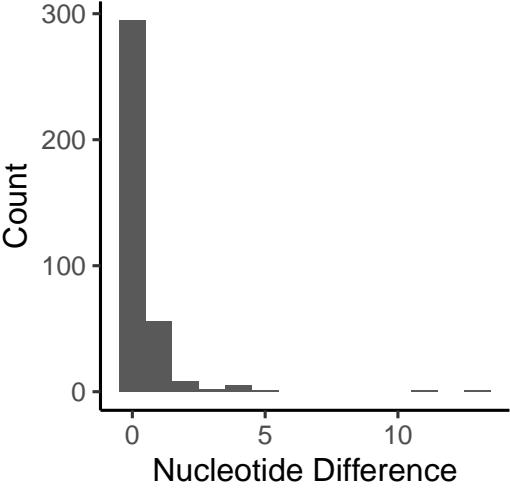
IGKV6E-21*01

14 sequences assigned
13 (92.9%) exact matches, in which:
13 unique CDR3
5 unique J



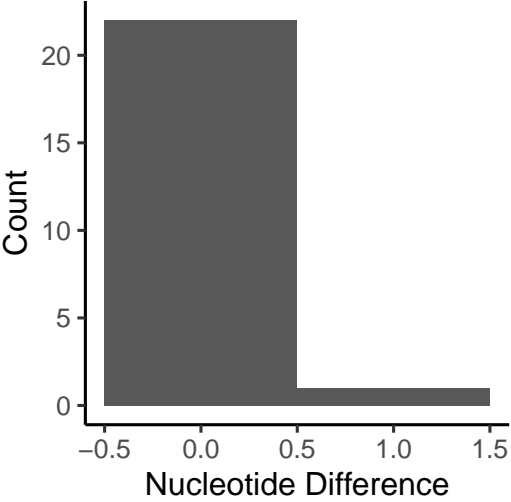
IGKV1E-33*01

370 sequences assigned
295 (79.7%) exact matches, in which:
244 unique CDR3
5 unique J



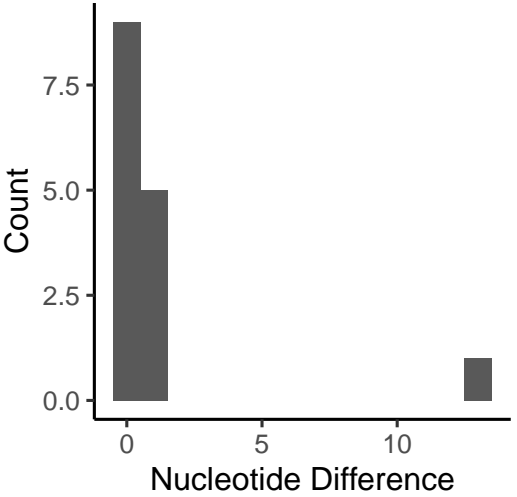
IGKV2E-40*01

23 sequences assigned
22 (95.7%) exact matches, in which:
18 unique CDR3
5 unique J



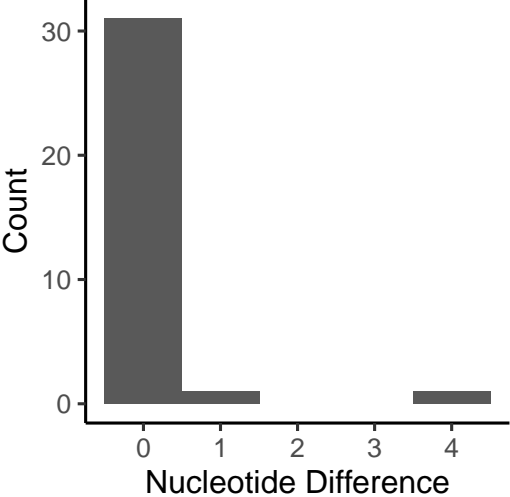
IGKV6E-21*03

15 sequences assigned
9 (60%) exact matches, in which:
9 unique CDR3
5 unique J



IGKV1E-37*01

33 sequences assigned
31 (93.9%) exact matches, in which:
31 unique CDR3
5 unique J





Warning – no inferred sequences found.