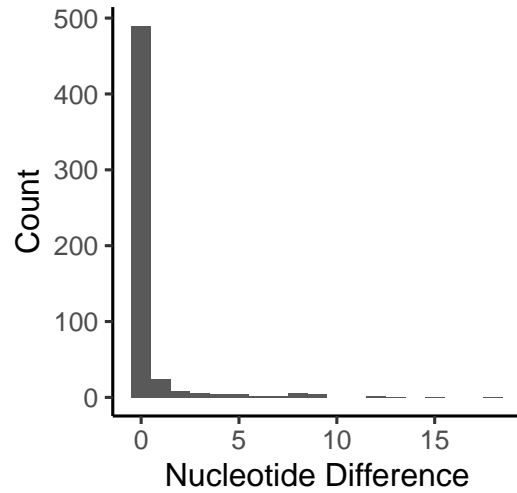


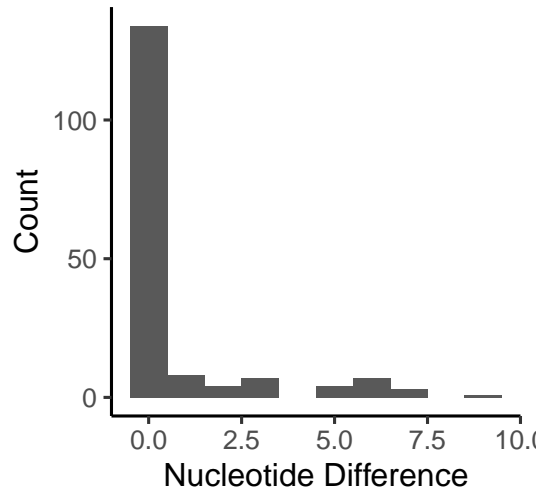
IGKV1–5*03

557 sequences assigned
490 (88%) exact matches, in which:
435 unique CDR3
5 unique J



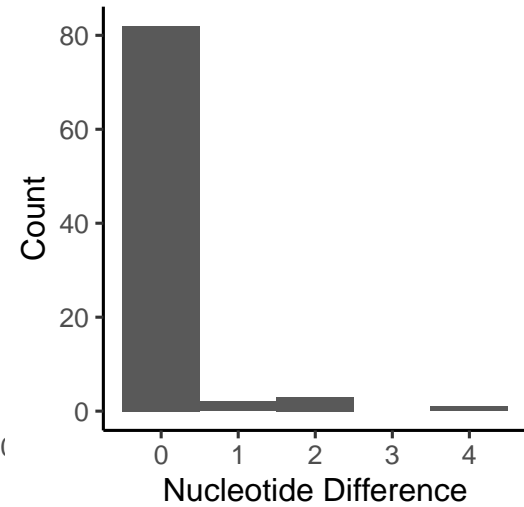
IGKV1–9*01

168 sequences assigned
134 (79.8%) exact matches, in which:
122 unique CDR3
5 unique J



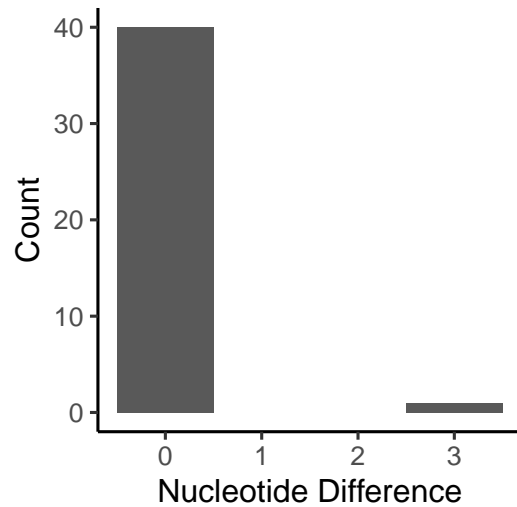
IGKV1–27*01

88 sequences assigned
82 (93.2%) exact matches, in which:
66 unique CDR3
5 unique J



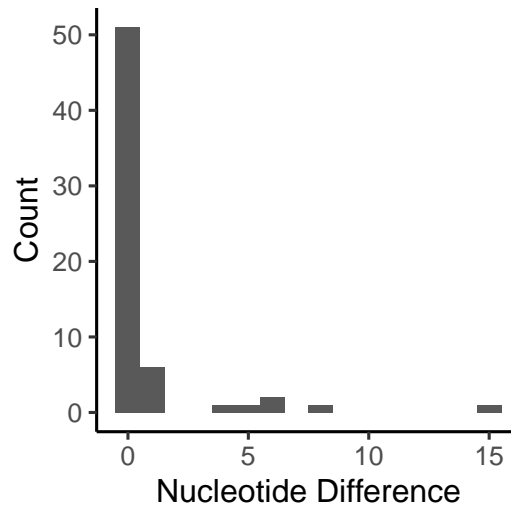
IGKV1–6*01

41 sequences assigned
40 (97.6%) exact matches, in which:
33 unique CDR3
5 unique J



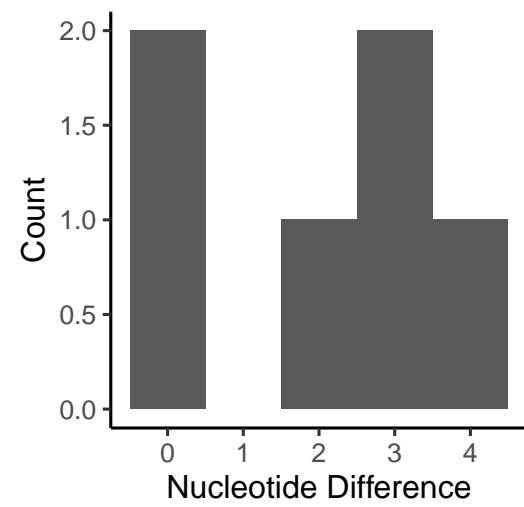
IGKV1–16*02

63 sequences assigned
51 (81%) exact matches, in which:
43 unique CDR3
5 unique J



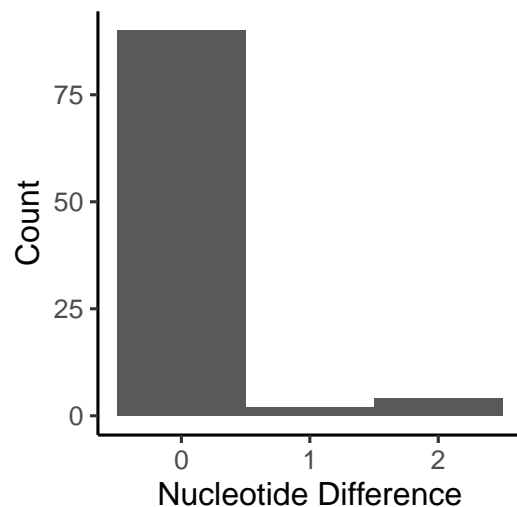
IGKV2/OR22–4*01

6 sequences assigned
2 (33.3%) exact matches, in which:
2 unique CDR3
2 unique J



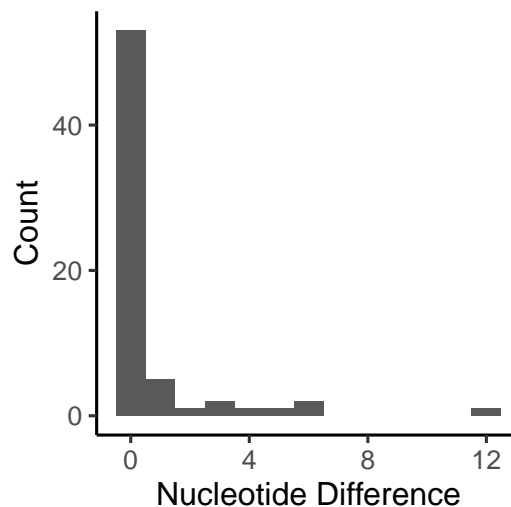
IGKV1–8*01

96 sequences assigned
90 (93.8%) exact matches, in which:
74 unique CDR3
5 unique J



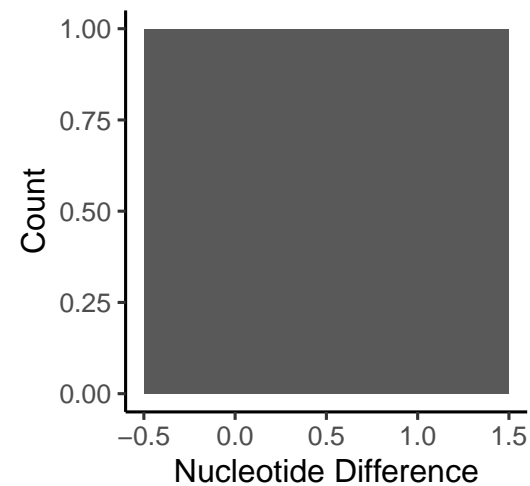
IGKV1–17*01

66 sequences assigned
53 (80.3%) exact matches, in which:
49 unique CDR3
5 unique J



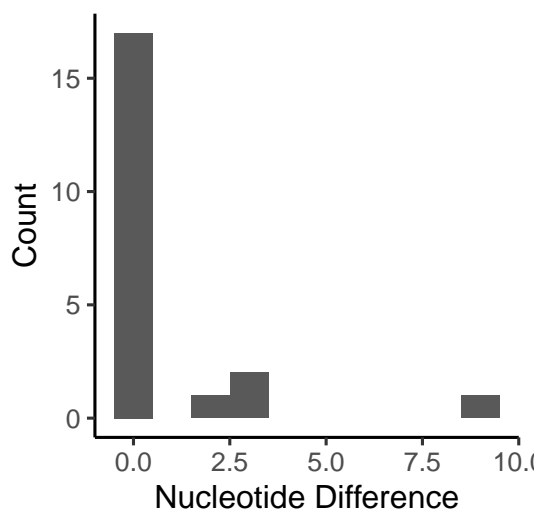
IGKV2–18*01

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



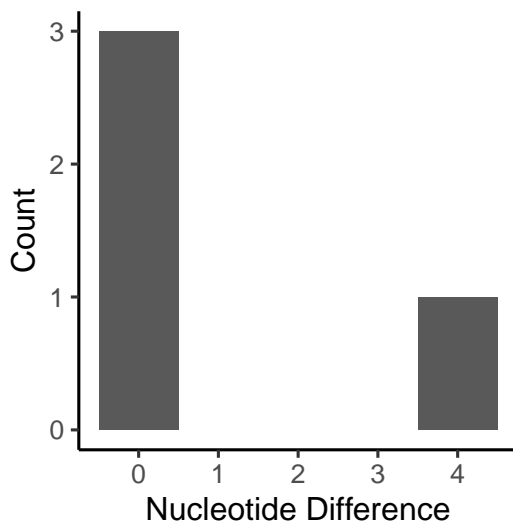
IGKV2-24*01

21 sequences assigned
17 (81%) exact matches, in which:
16 unique CDR3
4 unique J



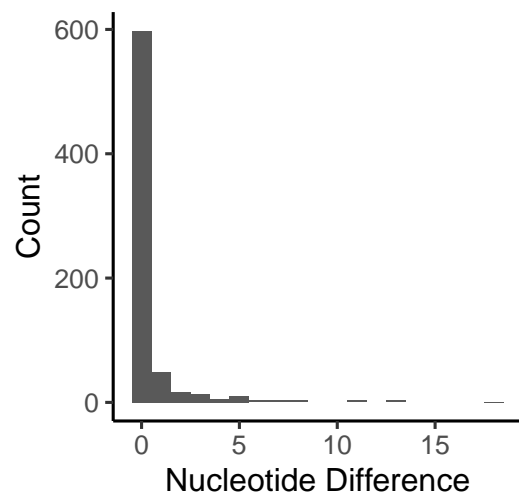
IGKV3-7*04

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



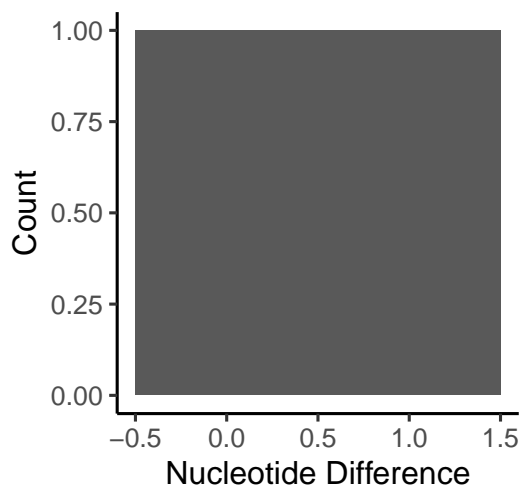
IGKV3-20*01

710 sequences assigned
598 (84.2%) exact matches, in which:
475 unique CDR3
5 unique J



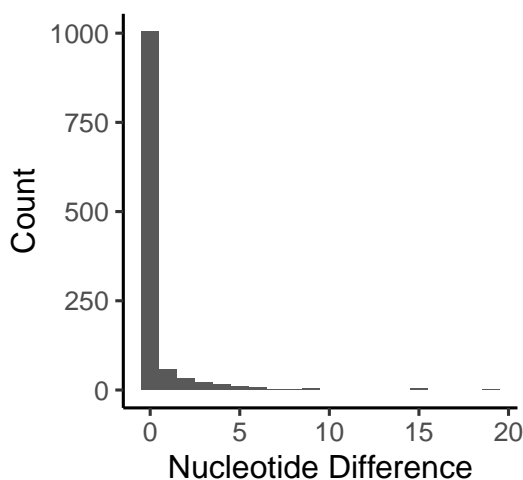
IGKV2-29*03

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



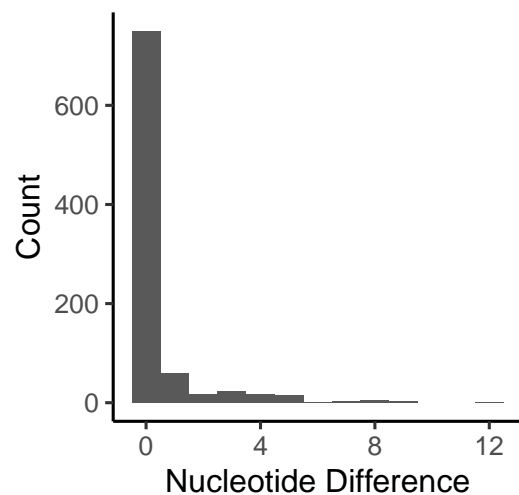
IGKV3-11*01

1160 sequences assigned
1004 (86.6%) exact matches, in which:
737 unique CDR3
5 unique J



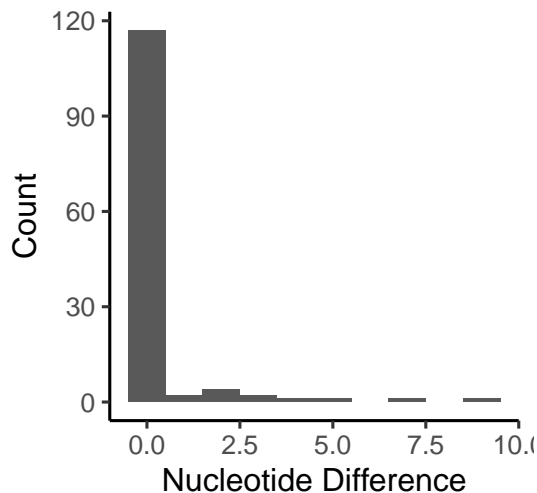
IGKV4-1*01

899 sequences assigned
750 (83.4%) exact matches, in which:
481 unique CDR3
5 unique J



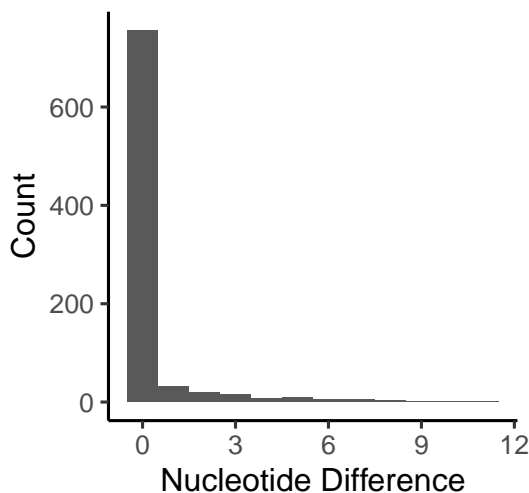
IGKV2-30*01

129 sequences assigned
117 (90.7%) exact matches, in which:
109 unique CDR3
5 unique J



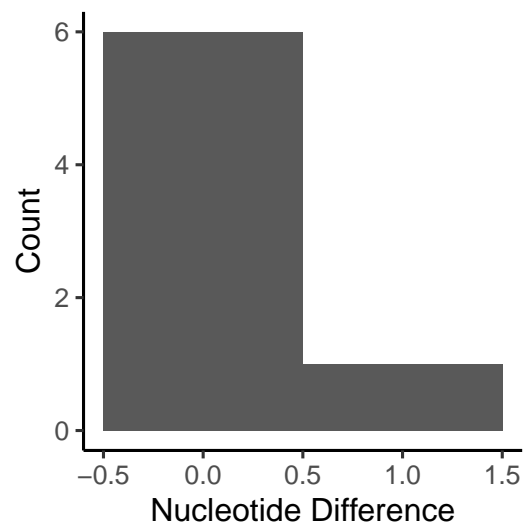
IGKV3-15*01

861 sequences assigned
756 (87.8%) exact matches, in which:
601 unique CDR3
5 unique J



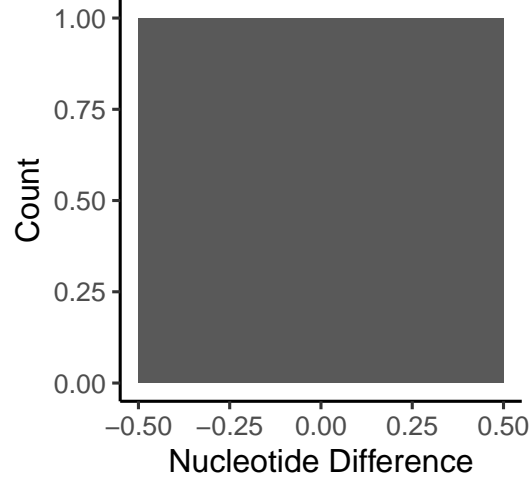
IGKV5-2*01

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



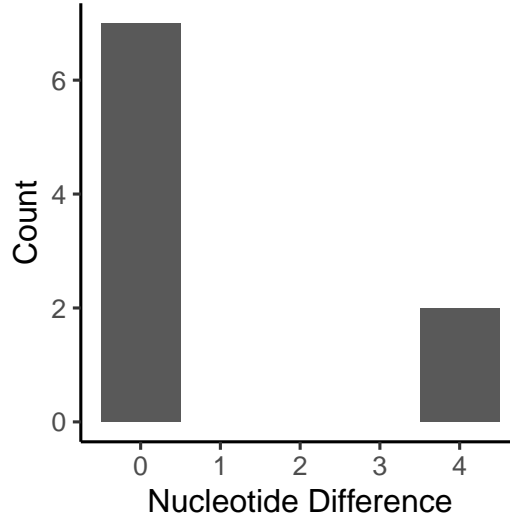
IGKV7-3*01

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



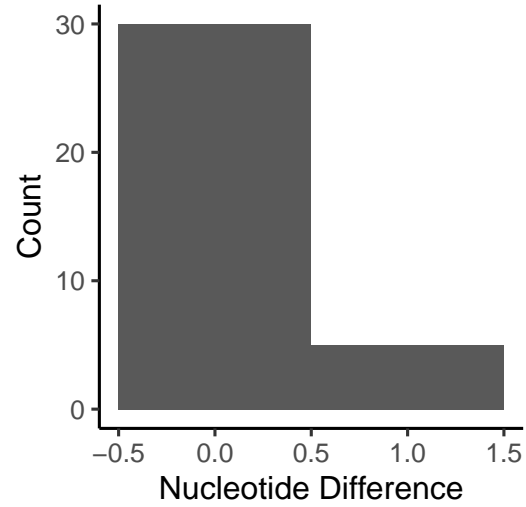
IGKV3D-11*01

9 sequences assigned
7 (77.8%) exact matches, in which:
7 unique CDR3
4 unique J



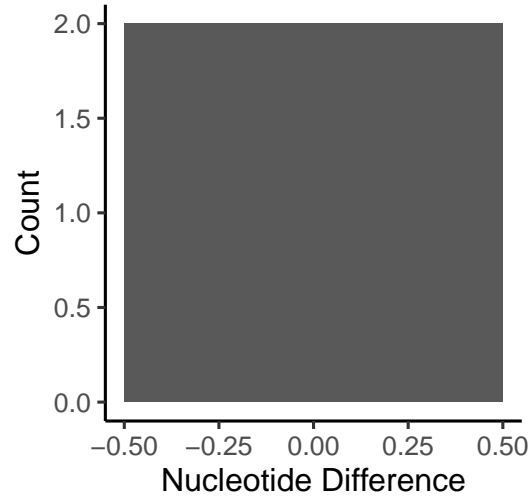
IGKV3D-20*01

35 sequences assigned
30 (85.7%) exact matches, in which:
29 unique CDR3
4 unique J



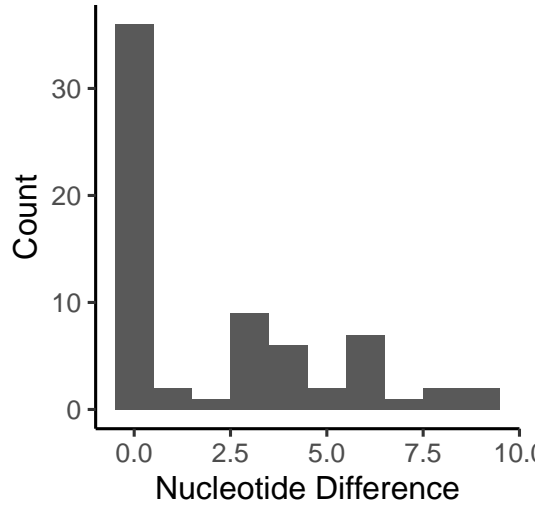
IGKV3D-7*01

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



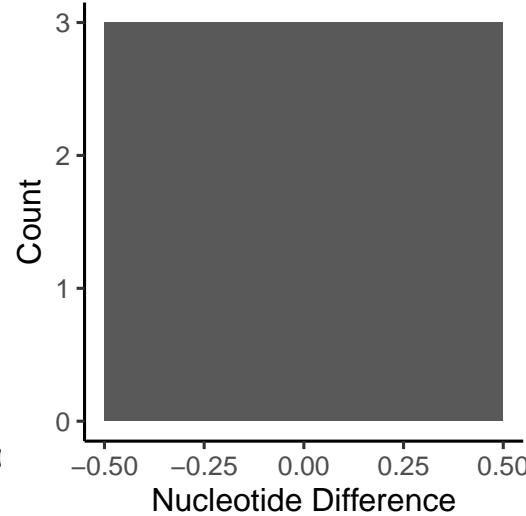
IGKV3D-15*01

68 sequences assigned
36 (52.9%) exact matches, in which:
34 unique CDR3
5 unique J



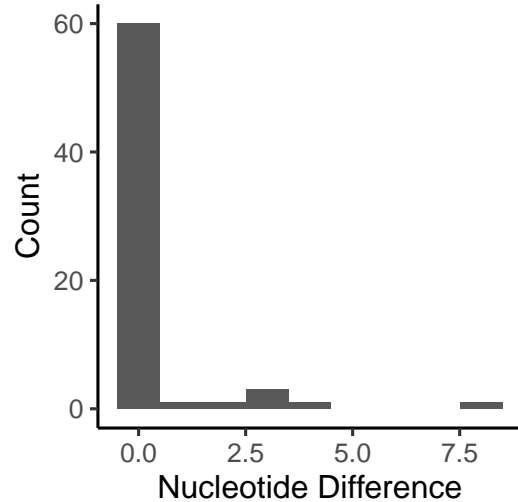
IGKV2D-26*03

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



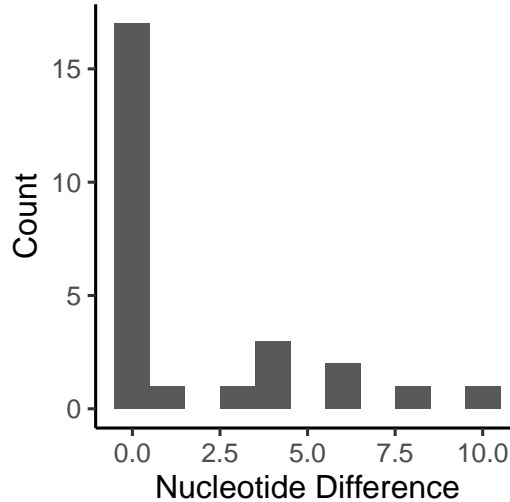
IGKV1D-8*01

67 sequences assigned
60 (89.6%) exact matches, in which:
52 unique CDR3
5 unique J



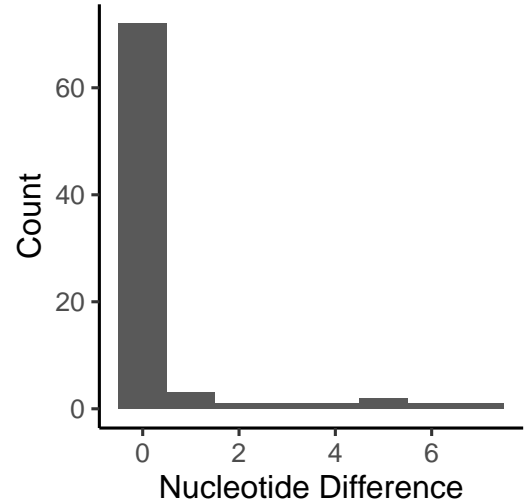
IGKV1D-16*01

26 sequences assigned
17 (65.4%) exact matches, in which:
16 unique CDR3
5 unique J



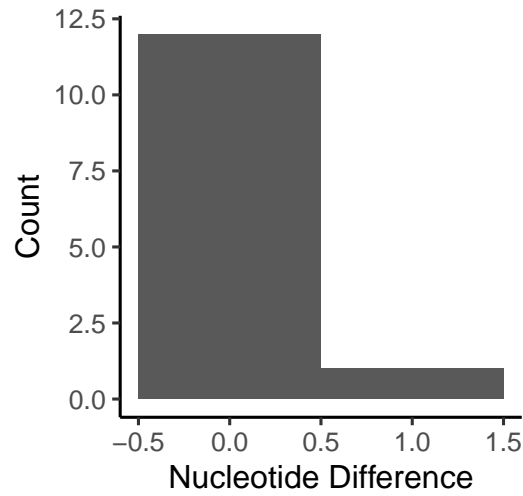
IGKV2D-29*01

82 sequences assigned
72 (87.8%) exact matches, in which:
69 unique CDR3
5 unique J



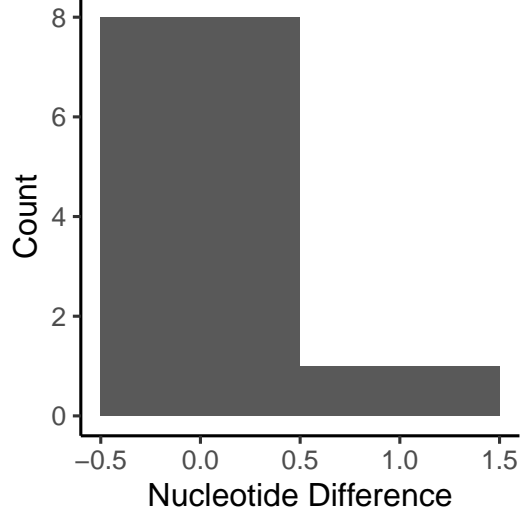
IGKV2D–30*01

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



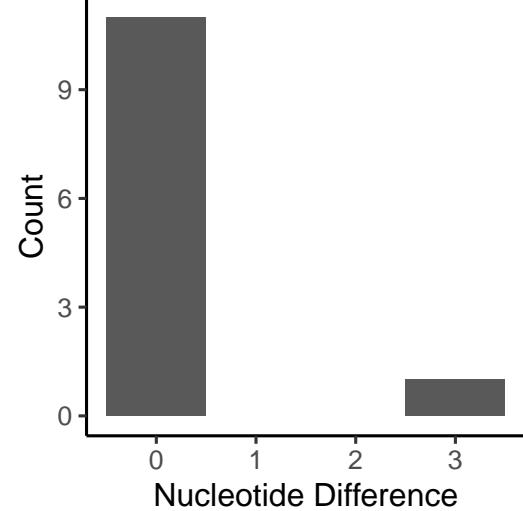
IGKV1E–12*02

9 sequences assigned
8 (88.9%) exact matches, in which:
6 unique CDR3
4 unique J



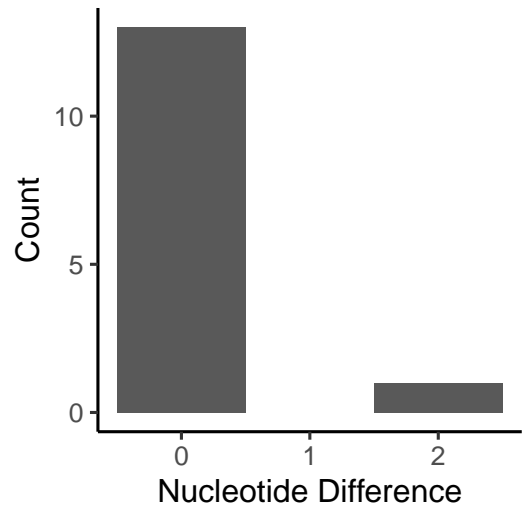
IGKV6E–21*01

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



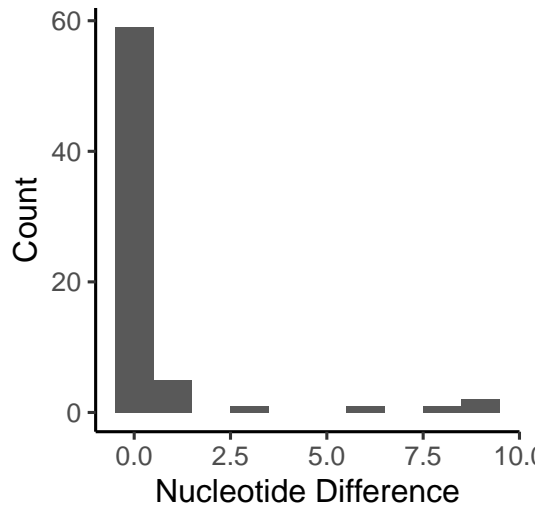
IGKV1D–43*01

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



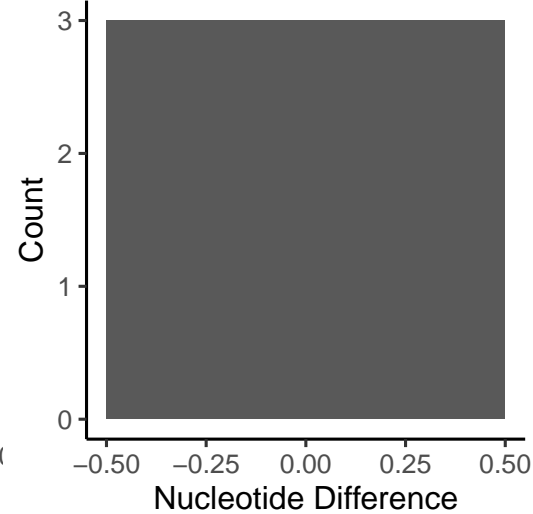
IGKV1E–12*03

69 sequences assigned
59 (85.5%) exact matches, in which:
49 unique CDR3
5 unique J



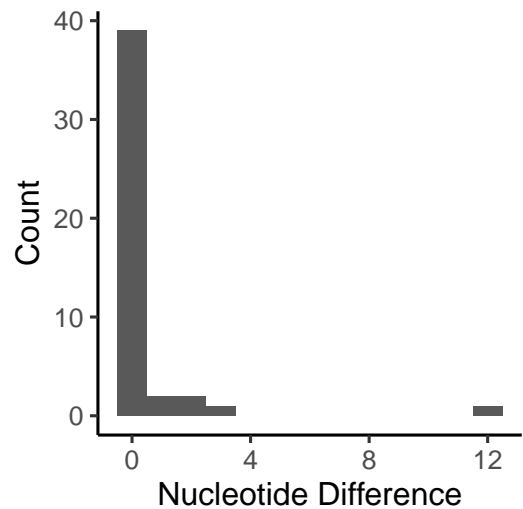
IGKV6E–21*03

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



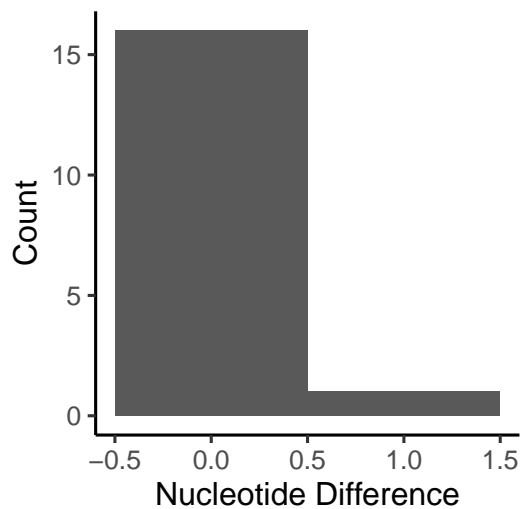
IGKV1E–12*01

45 sequences assigned
39 (86.7%) exact matches, in which:
26 unique CDR3
5 unique J



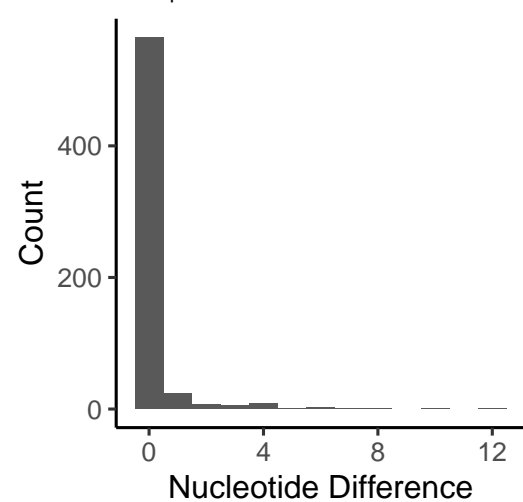
IGKV1E–13*03

17 sequences assigned
16 (94.1%) exact matches, in which:
15 unique CDR3
3 unique J



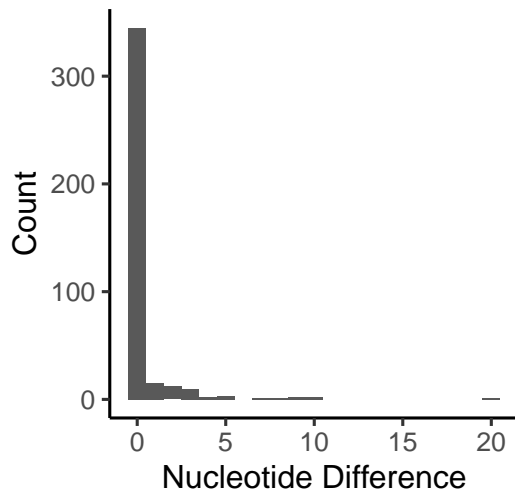
IGKV2E–28*01

618 sequences assigned
565 (91.4%) exact matches, in which:
451 unique CDR3
5 unique J



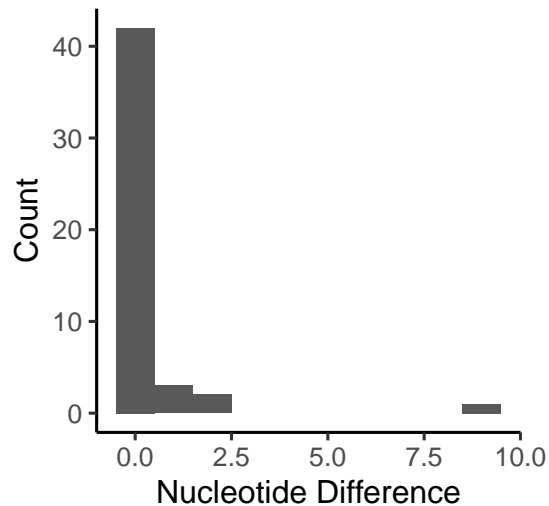
IGKV1E-33*01

394 sequences assigned
345 (87.6%) exact matches, in which:
272 unique CDR3
5 unique J



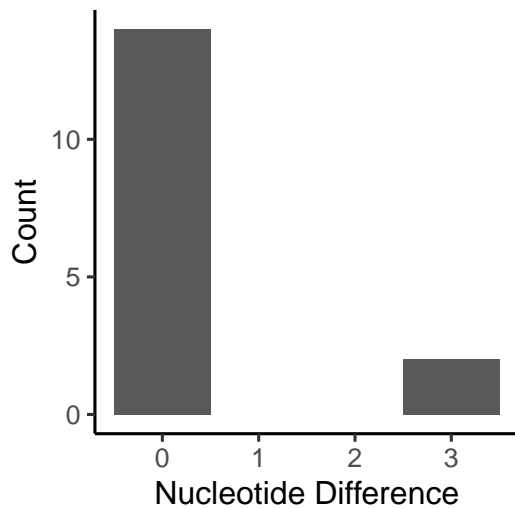
IGKV2E-40*01

48 sequences assigned
42 (87.5%) exact matches, in which:
31 unique CDR3
5 unique J



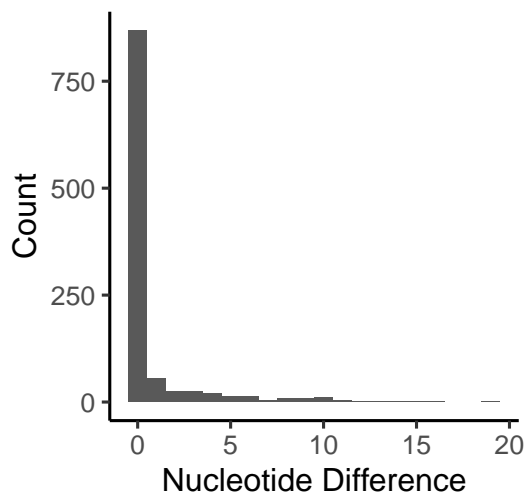
IGKV1E-37*01

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



IGKV1E-39*01

1063 sequences assigned
869 (81.7%) exact matches, in which:
606 unique CDR3
5 unique J





Warning – no inferred sequences found.