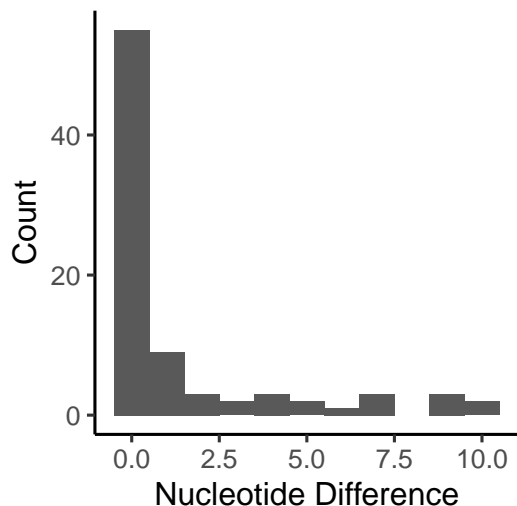


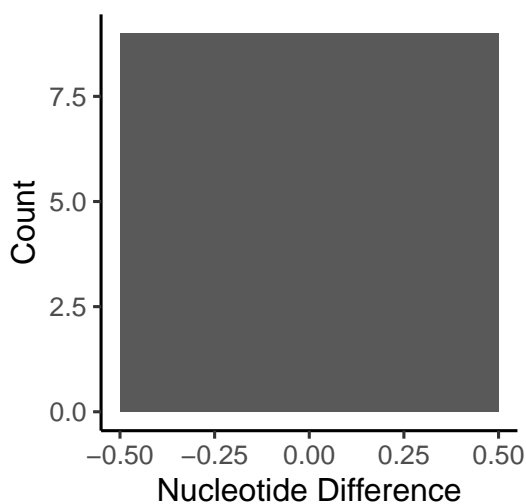
IGKV1-5*01

83 sequences assigned
55 (66.3%) exact matches, in which:
47 unique CDR3
5 unique J



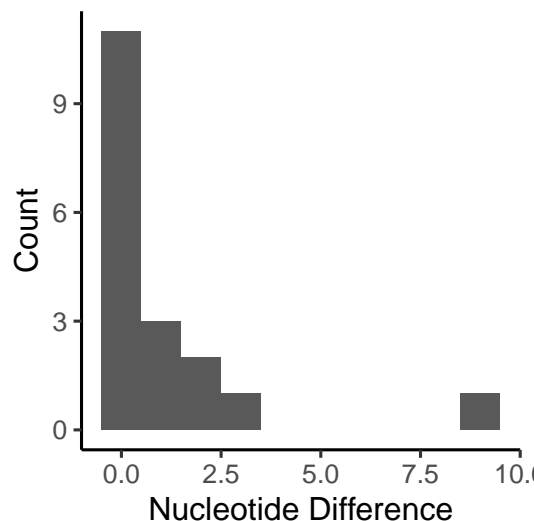
IGKV1-8*01

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



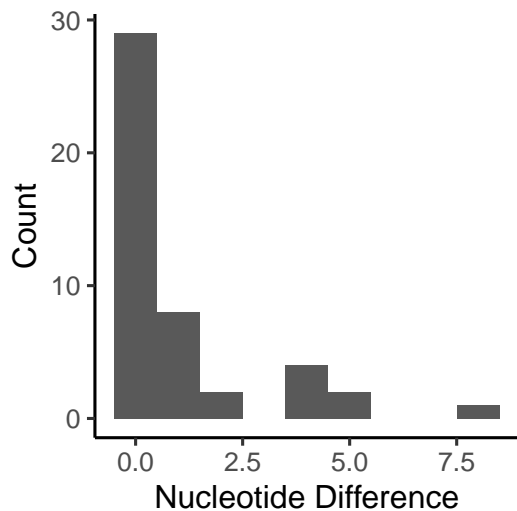
IGKV1-17*01

18 sequences assigned
11 (61.1%) exact matches, in which:
11 unique CDR3
4 unique J



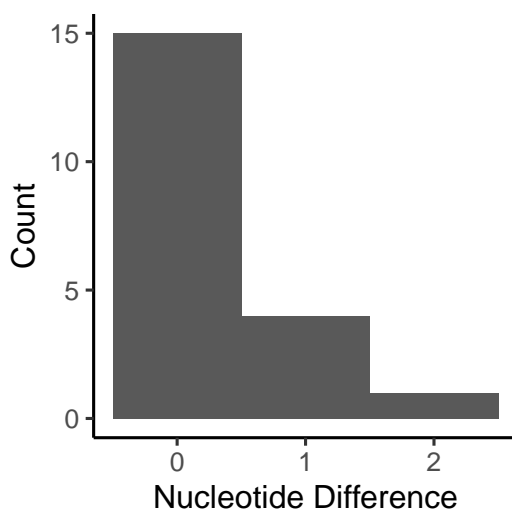
IGKV1-5*03

46 sequences assigned
29 (63%) exact matches, in which:
26 unique CDR3
4 unique J



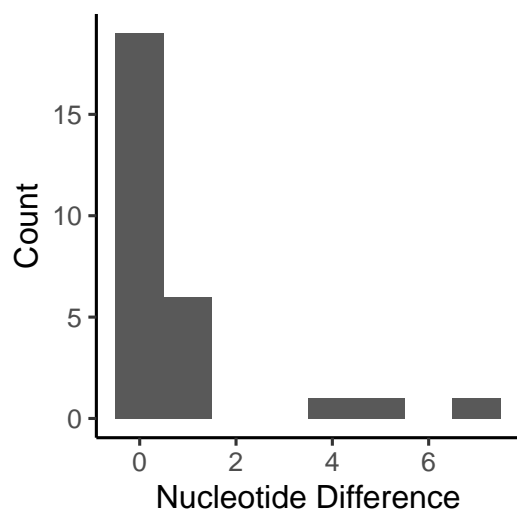
IGKV1-9*01

20 sequences assigned
15 (75%) exact matches, in which:
14 unique CDR3
5 unique J



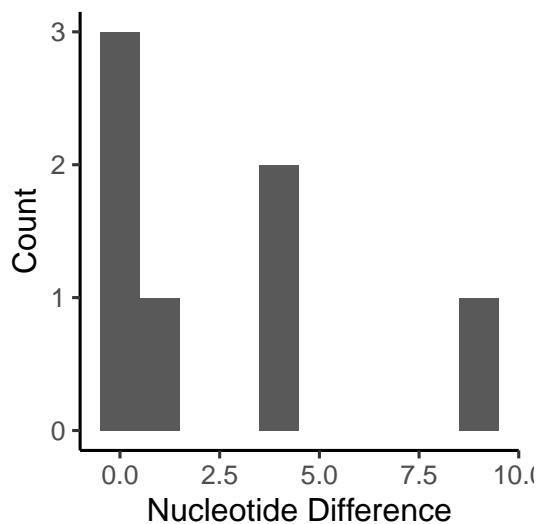
IGKV1-27*01

28 sequences assigned
19 (67.9%) exact matches, in which:
16 unique CDR3
4 unique J



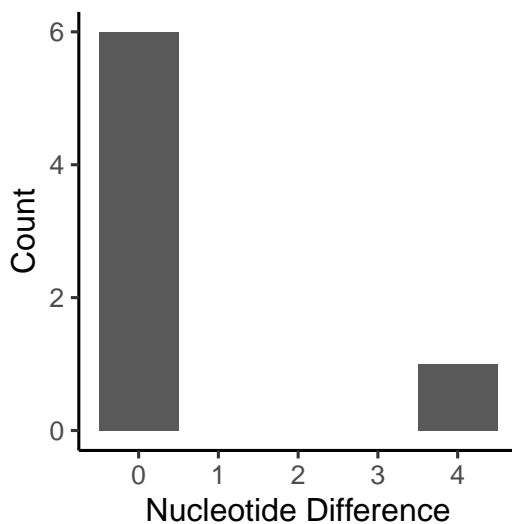
IGKV1-6*01

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



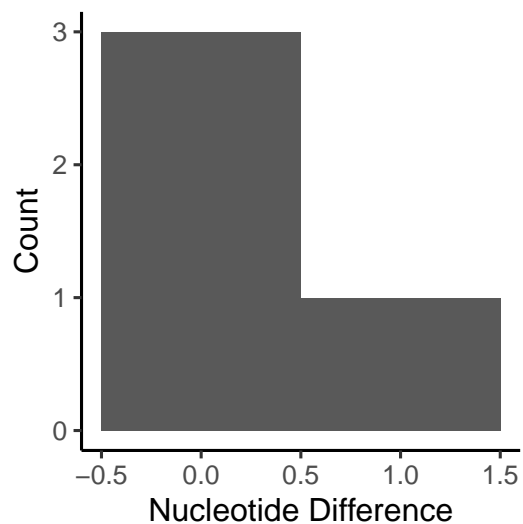
IGKV1-16*02

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



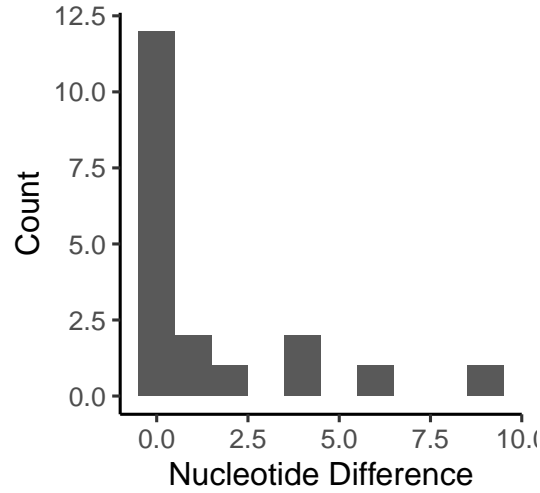
IGKV2-24*01

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



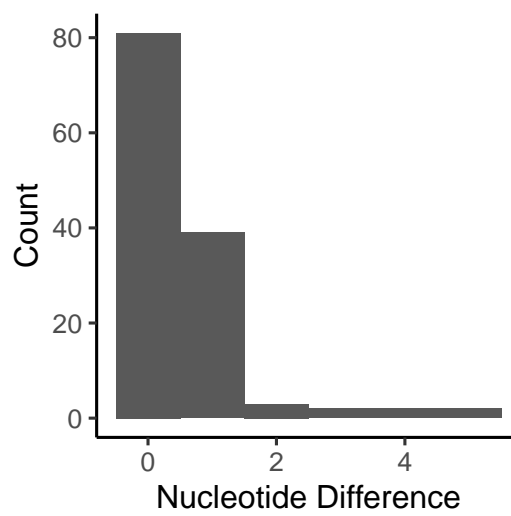
IGKV2–30*01

19 sequences assigned
12 (63.2%) exact matches, in which:
10 unique CDR3
5 unique J



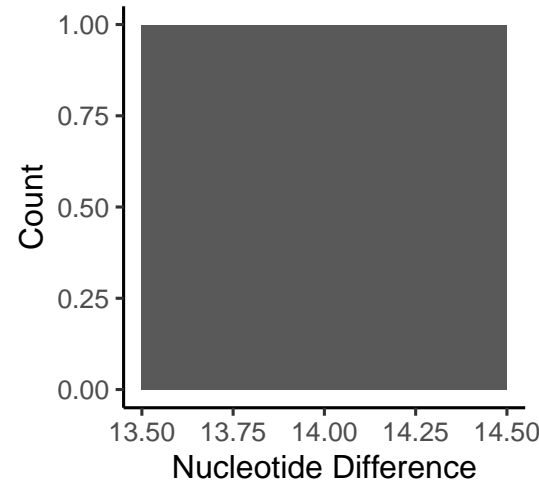
IGKV3–20*01

129 sequences assigned
81 (62.8%) exact matches, in which:
63 unique CDR3
5 unique J



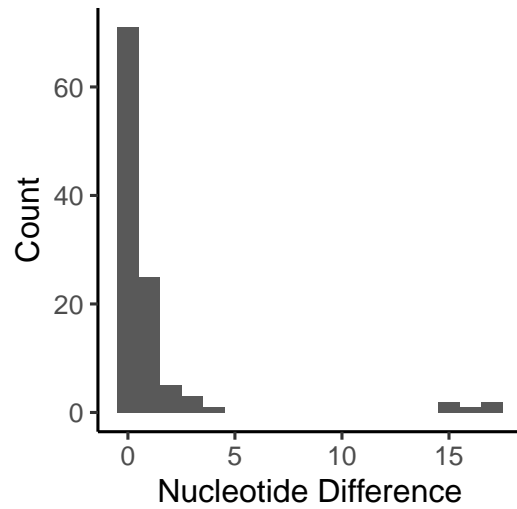
IGKV5–2*01

1 sequences assigned
No exact matches.



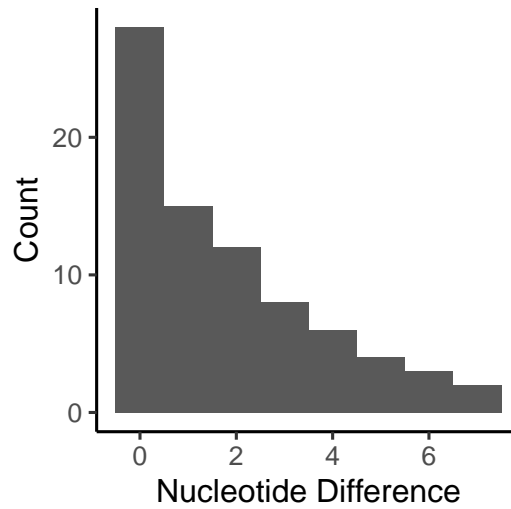
IGKV3–11*01

110 sequences assigned
71 (64.5%) exact matches, in which:
54 unique CDR3
5 unique J



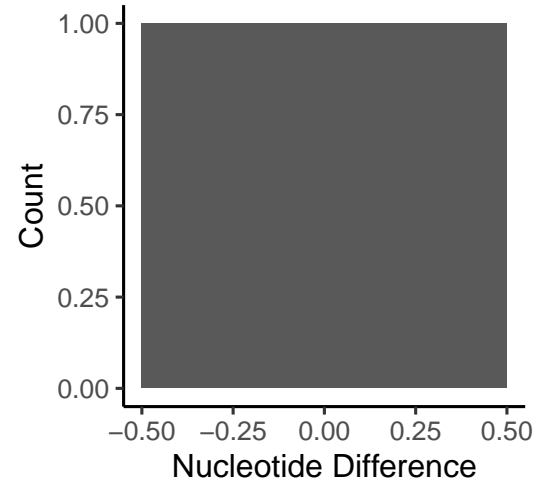
IGKV4–1*01

78 sequences assigned
28 (35.9%) exact matches, in which:
26 unique CDR3
5 unique J



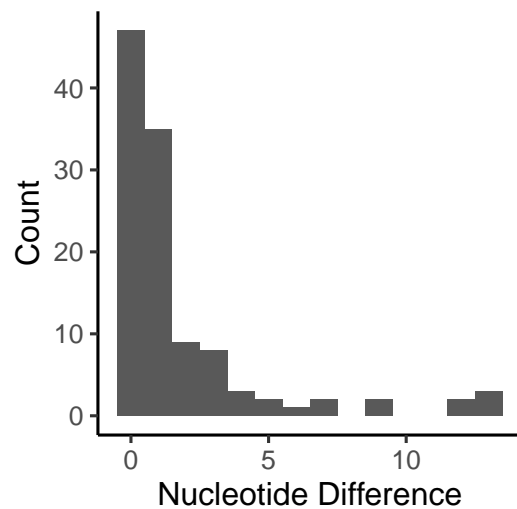
IGKV1D–8*01

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



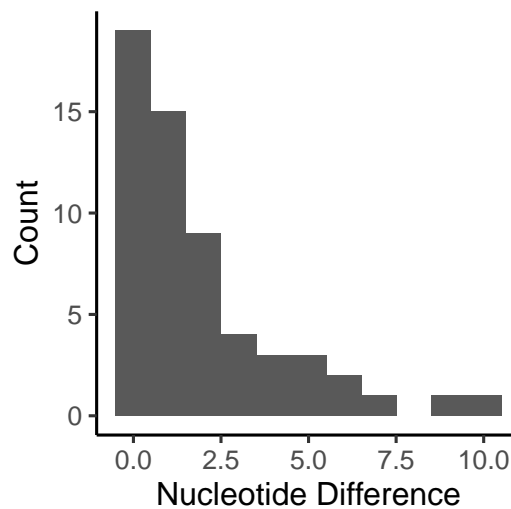
IGKV3–15*01

114 sequences assigned
47 (41.2%) exact matches, in which:
43 unique CDR3
5 unique J



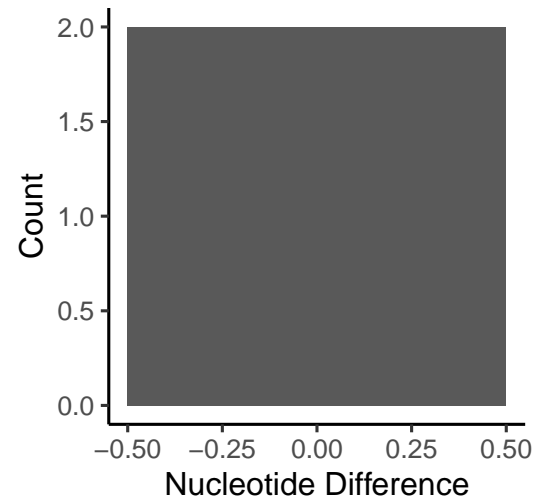
IGKV4–1*01_A318G

58 sequences assigned
19 (32.8%) exact matches, in which:
16 unique CDR3
5 unique J



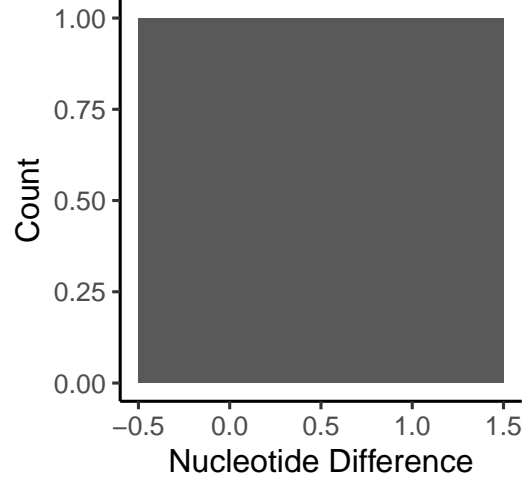
IGKV1D–8*02

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



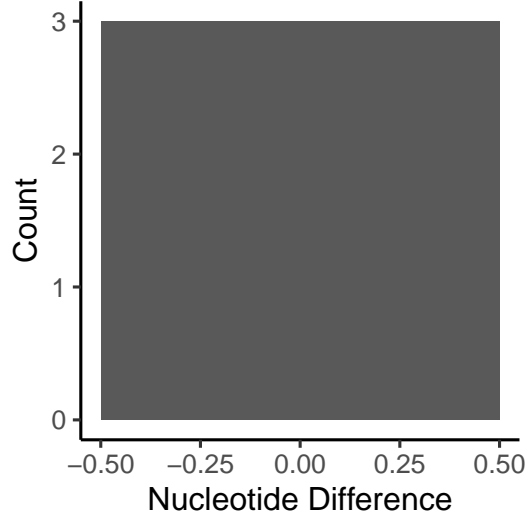
IGKV3D–15*01

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



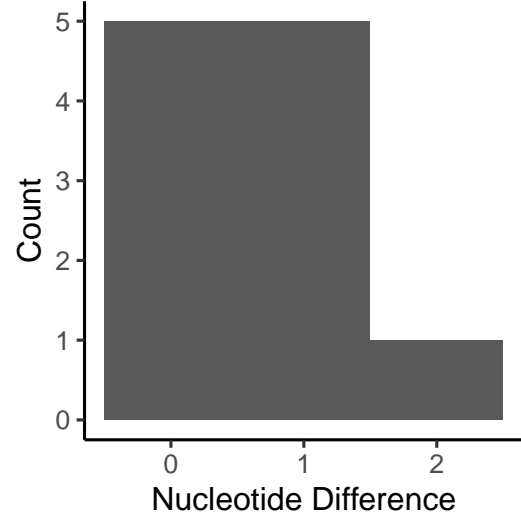
IGKV3D–20*01

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



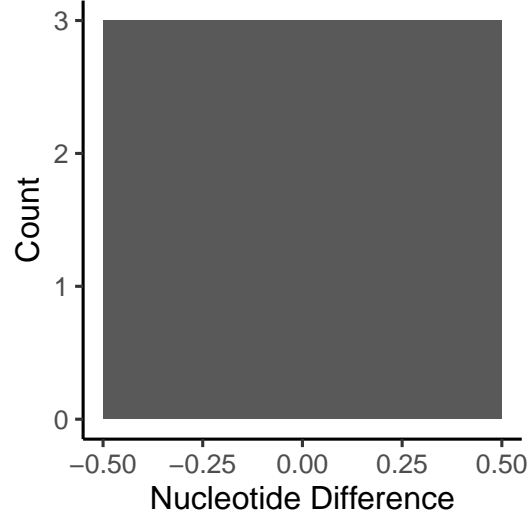
IGKV1E–12*01

11 sequences assigned
5 (45.5%) exact matches, in which:
5 unique CDR3
3 unique J



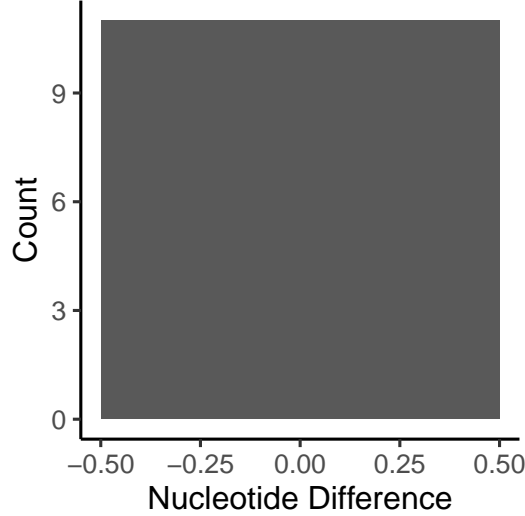
IGKV3D–15*03

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



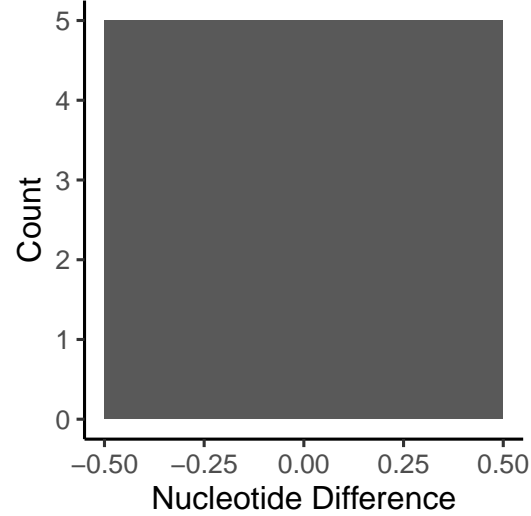
IGKV2D–29*01

11 sequences assigned
11 (100%) exact matches, in which:
10 unique CDR3
4 unique J



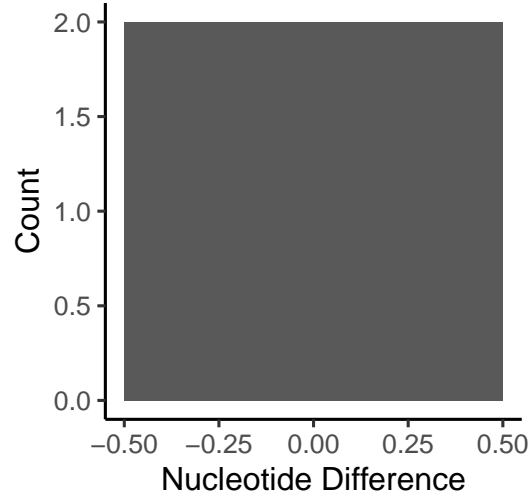
IGKV1E–12*02

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



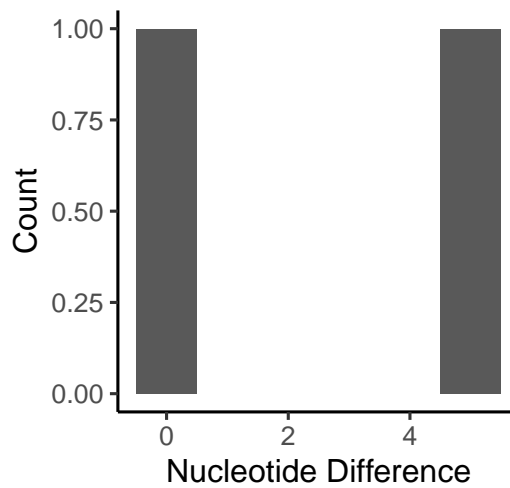
IGKV1D–16*01

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



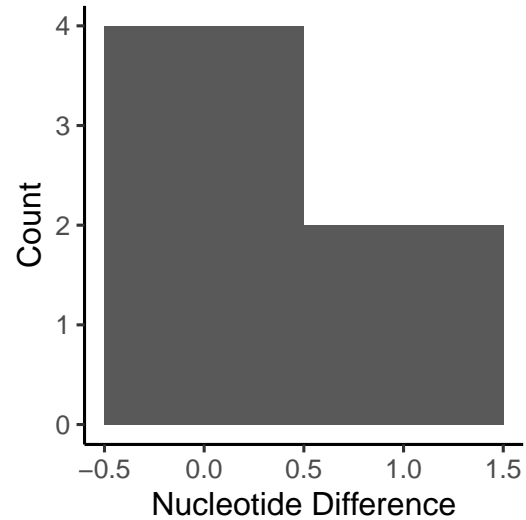
IGKV1D–43*01

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



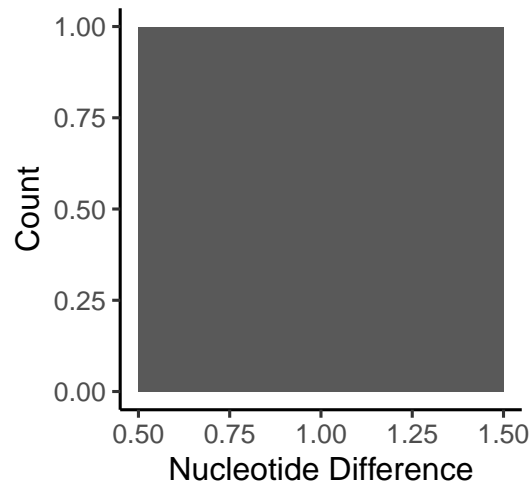
IGKV1E–13*02

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



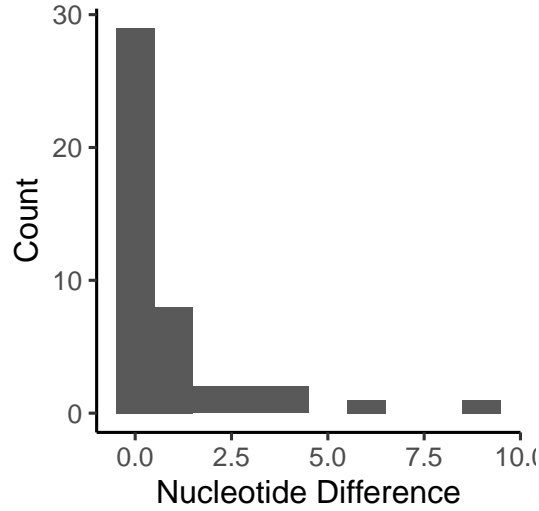
IGKV1E-13*03

1 sequences assigned
No exact matches.



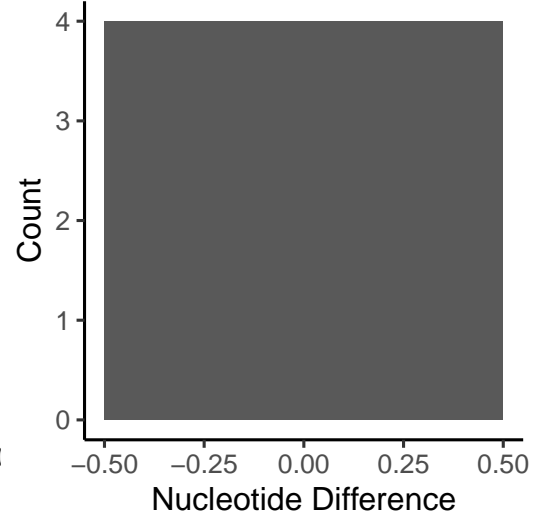
IGKV1E-33*01

45 sequences assigned
29 (64.4%) exact matches, in which:
26 unique CDR3
5 unique J



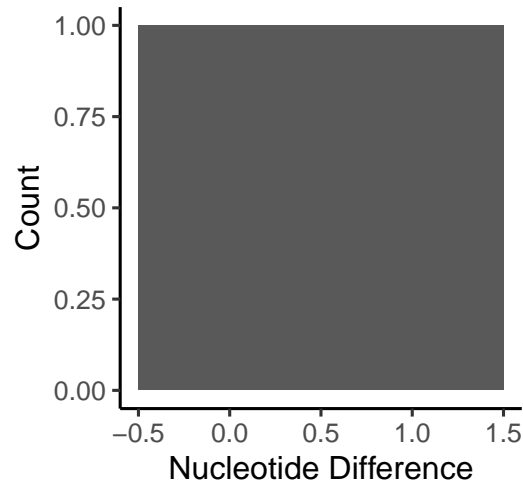
IGKV2E-40*01

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



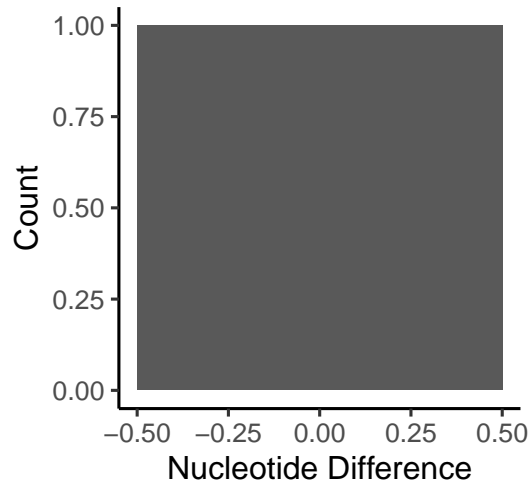
IGKV6E-21*01_C162T

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



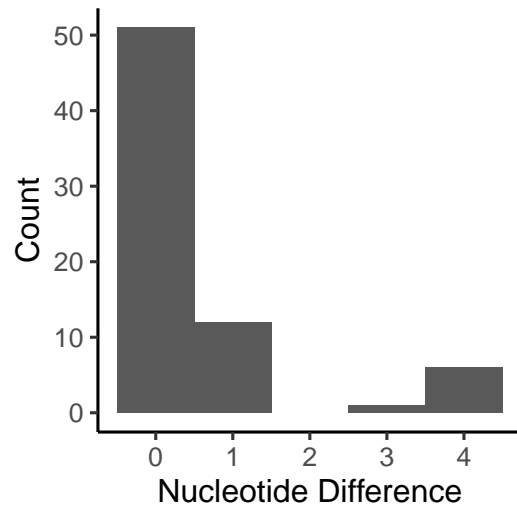
IGKV1E-37*01

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



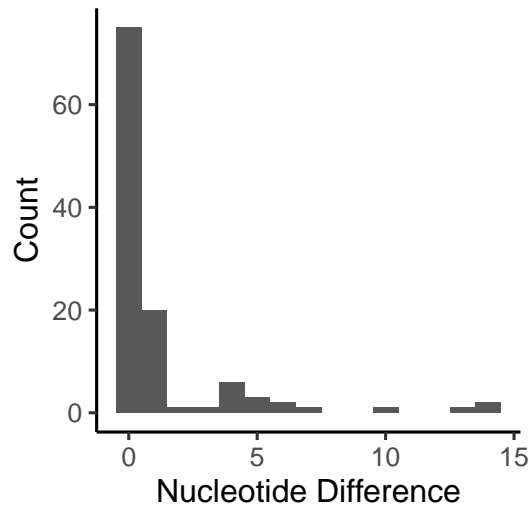
IGKV2E-28*01

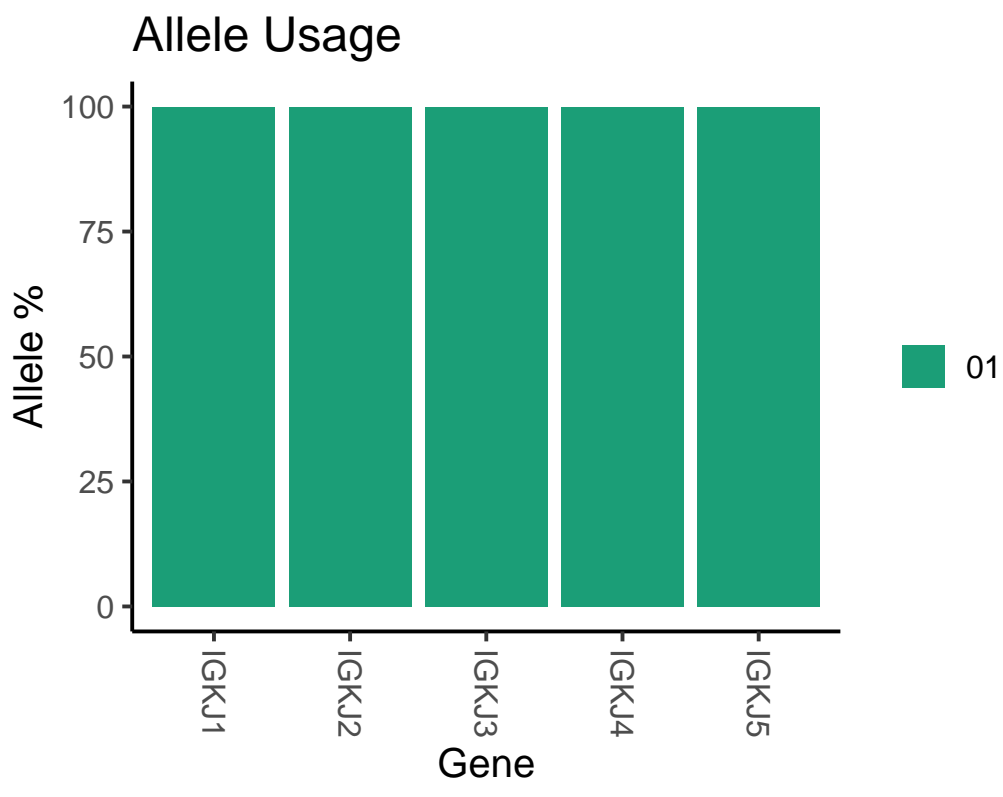
70 sequences assigned
51 (72.9%) exact matches, in which:
46 unique CDR3
5 unique J



IGKV1E-39*01

113 sequences assigned
75 (66.4%) exact matches, in which:
62 unique CDR3
5 unique J





Warning – no inferred sequences found.