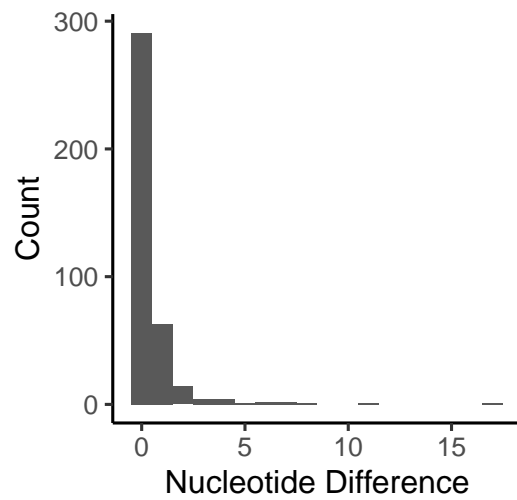


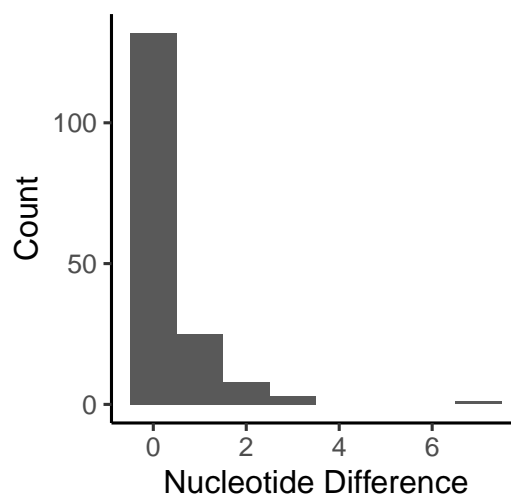
IGKV1–5*03

384 sequences assigned
291 (75.8%) exact matches, in which:
225 unique CDR3
6 unique J



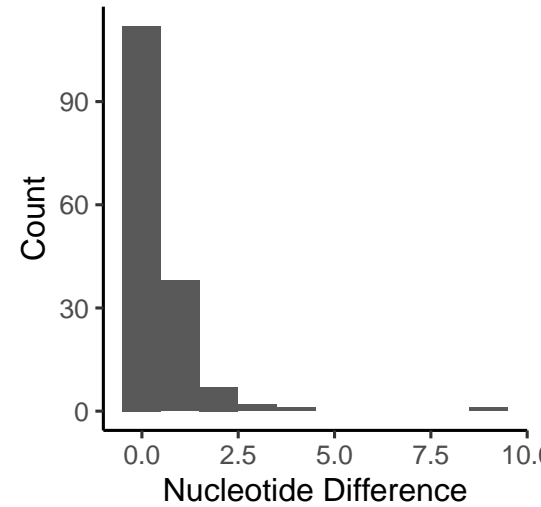
IGKV1–9*01

169 sequences assigned
132 (78.1%) exact matches, in which:
117 unique CDR3
6 unique J



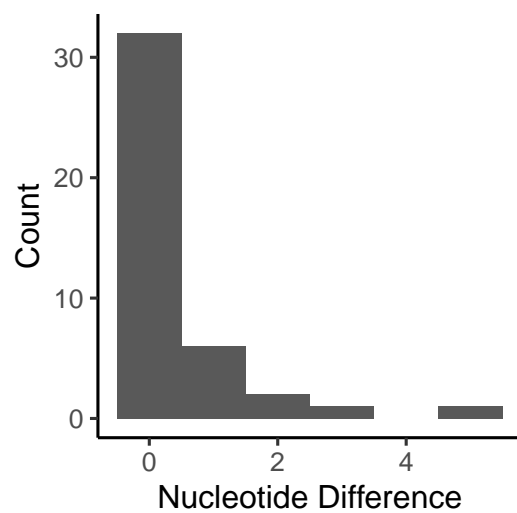
IGKV1–27*01

161 sequences assigned
112 (69.6%) exact matches, in which:
91 unique CDR3
6 unique J



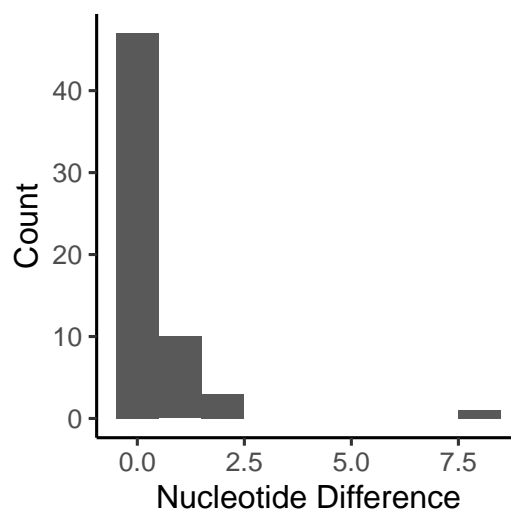
IGKV1–6*01

42 sequences assigned
32 (76.2%) exact matches, in which:
24 unique CDR3
5 unique J



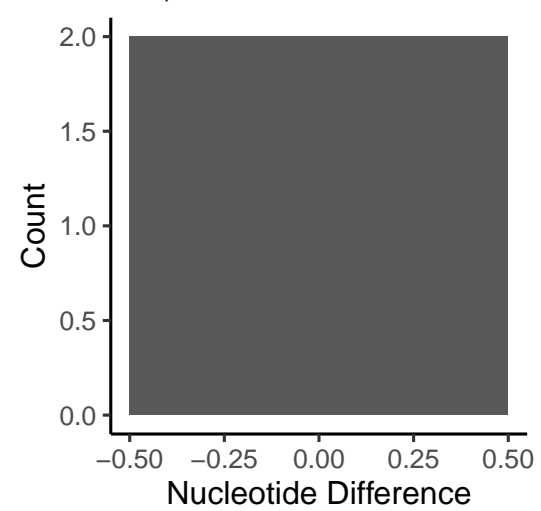
IGKV1–16*02

61 sequences assigned
47 (77%) exact matches, in which:
43 unique CDR3
6 unique J



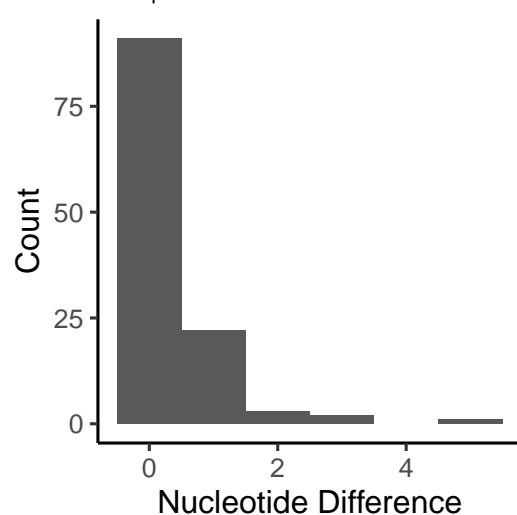
IGKV2/OR22–4*01

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



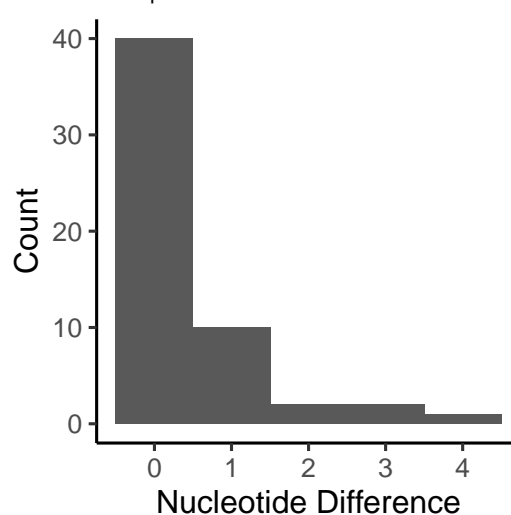
IGKV1–8*01

119 sequences assigned
91 (76.5%) exact matches, in which:
72 unique CDR3
6 unique J



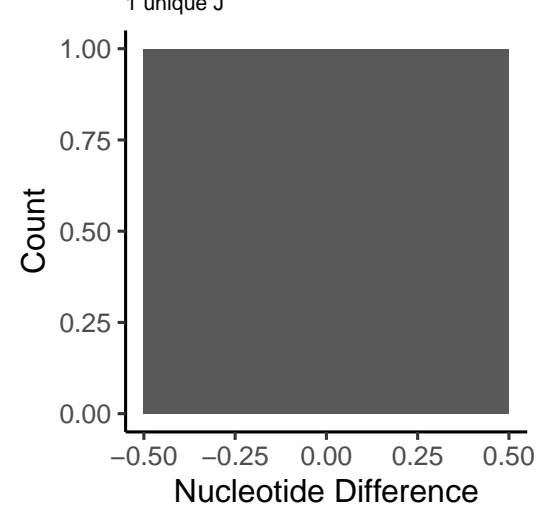
IGKV1–17*01

55 sequences assigned
40 (72.7%) exact matches, in which:
36 unique CDR3
6 unique J



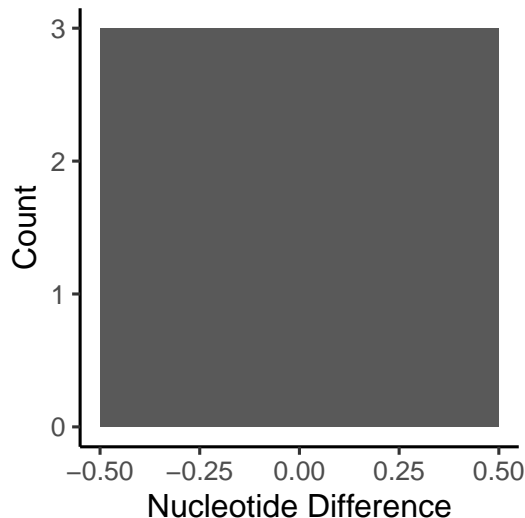
IGKV2–4*01

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



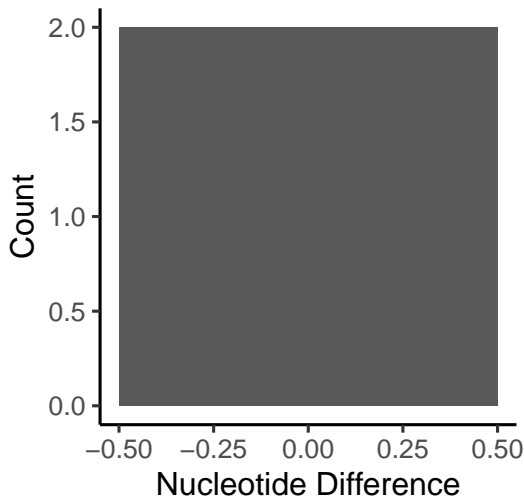
IGKV2–18*01

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



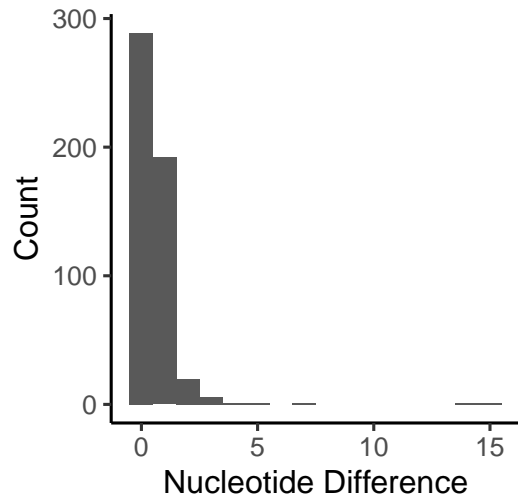
IGKV3–7*04

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



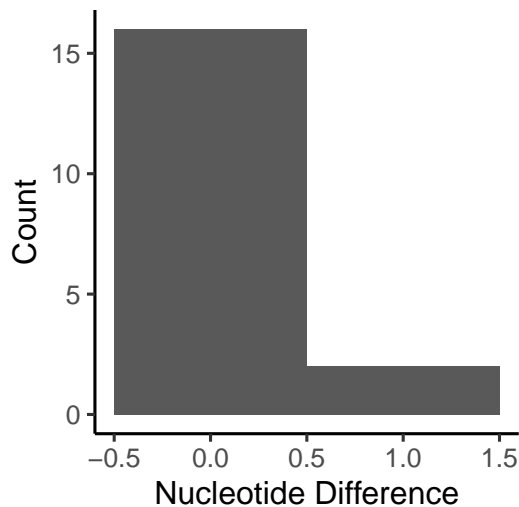
IGKV3–15*01

512 sequences assigned
289 (56.4%) exact matches, in which:
242 unique CDR3
6 unique J



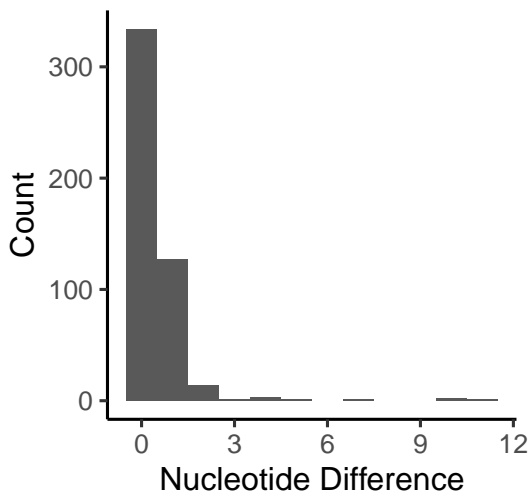
IGKV2–24*01

18 sequences assigned
16 (88.9%) exact matches, in which:
15 unique CDR3
6 unique J



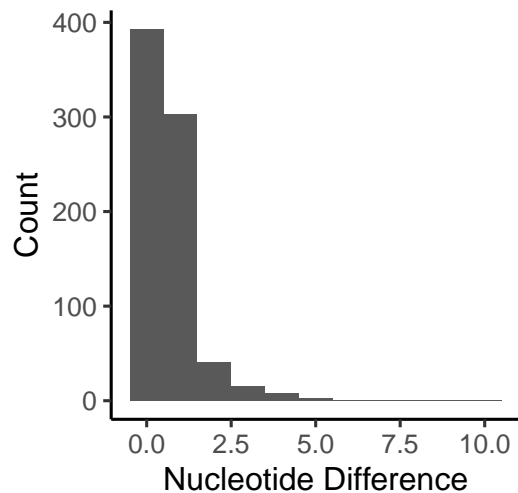
IGKV3–11*01

484 sequences assigned
334 (69%) exact matches, in which:
277 unique CDR3
6 unique J



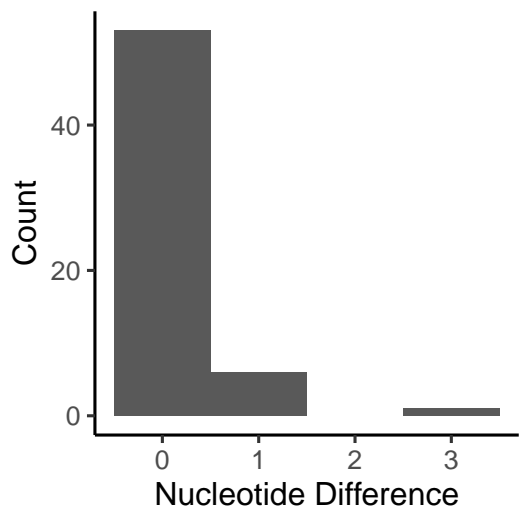
IGKV3–20*01

768 sequences assigned
393 (51.2%) exact matches, in which:
328 unique CDR3
6 unique J



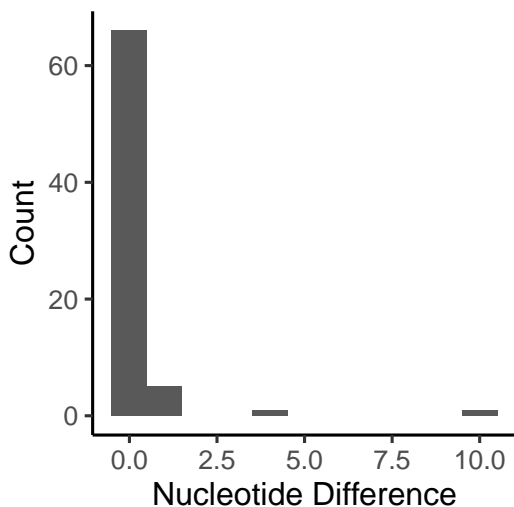
IGKV2–30*01

62 sequences assigned
53 (85.5%) exact matches, in which:
50 unique CDR3
6 unique J



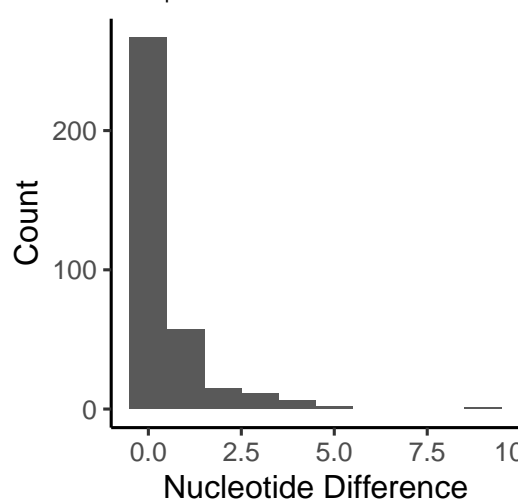
IGKV3–11*01_A223C

73 sequences assigned
66 (90.4%) exact matches, in which:
66 unique CDR3
6 unique J



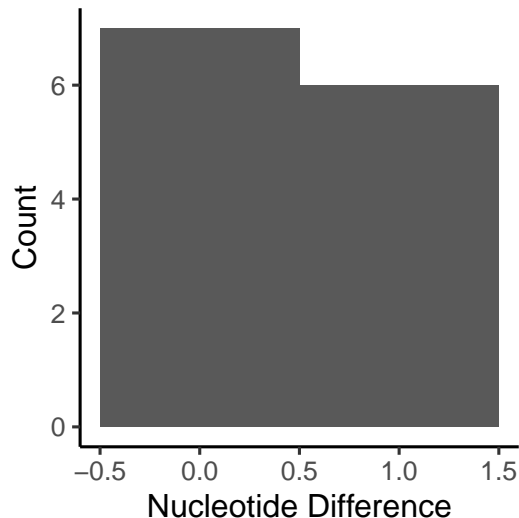
IGKV4–1*01

359 sequences assigned
267 (74.4%) exact matches, in which:
214 unique CDR3
6 unique J



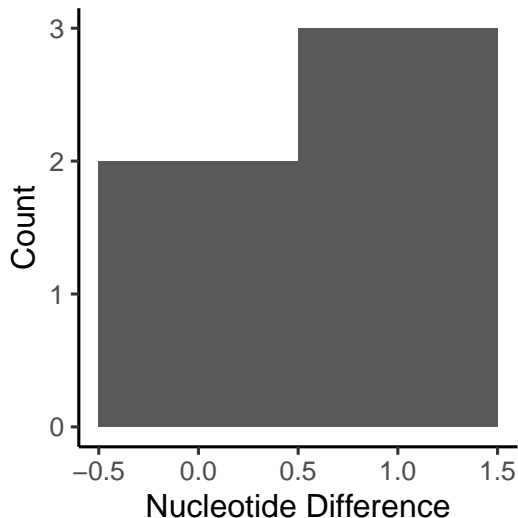
IGKV5–2*01

13 sequences assigned
7 (53.8%) exact matches, in which:
6 unique CDR3
3 unique J



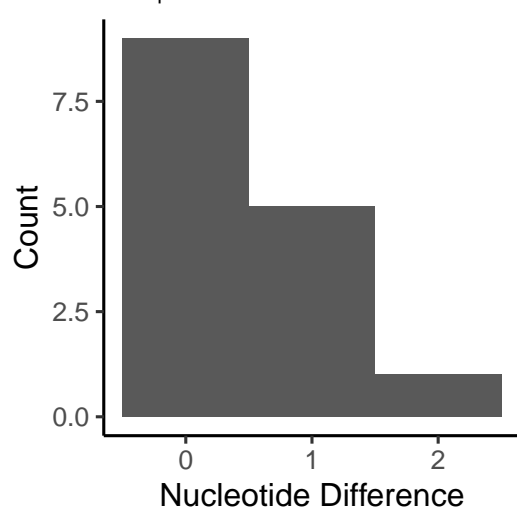
IGKV3D–11*01

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
1 unique J



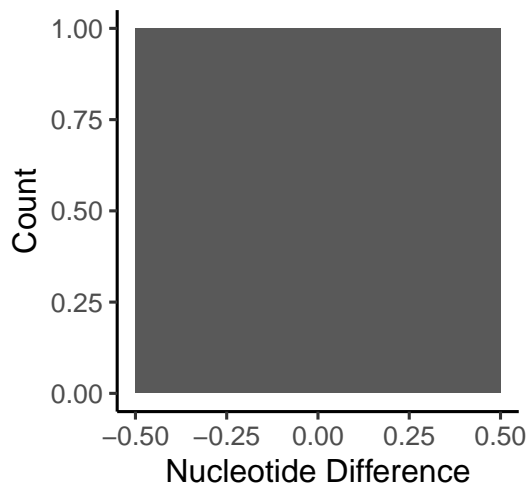
IGKV3D–20*01

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



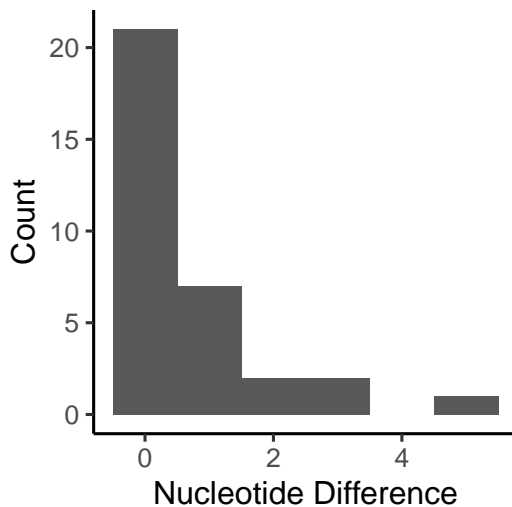
IGKV3D–7*01

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



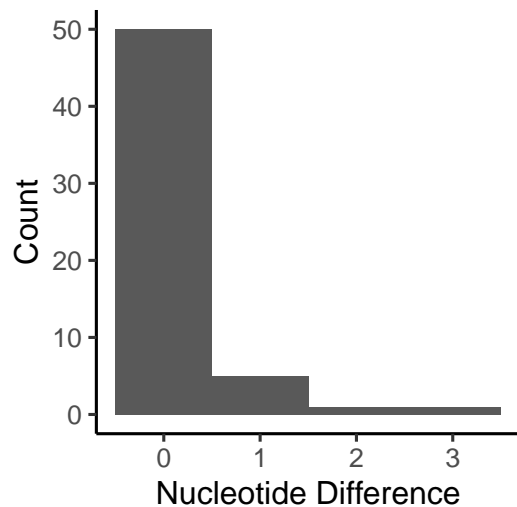
IGKV3D–15*01

33 sequences assigned
21 (63.6%) exact matches, in which:
19 unique CDR3
5 unique J



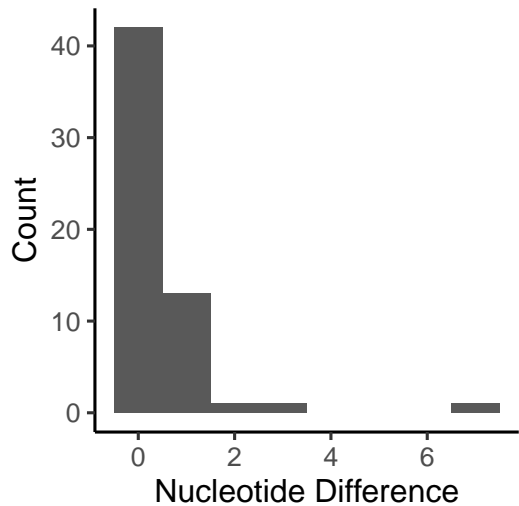
IGKV2D–29*01

57 sequences assigned
50 (87.7%) exact matches, in which:
44 unique CDR3
6 unique J



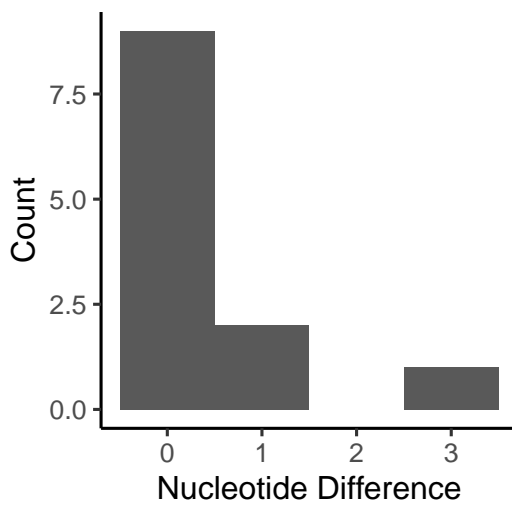
IGKV1D–8*01

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



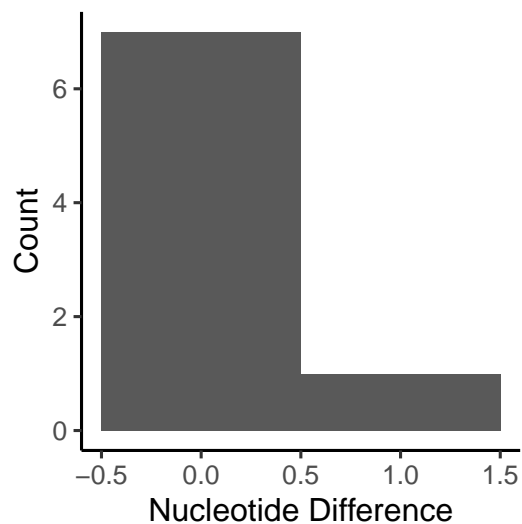
IGKV1D–16*01

12 sequences assigned
9 (75%) exact matches, in which:
7 unique CDR3
3 unique J



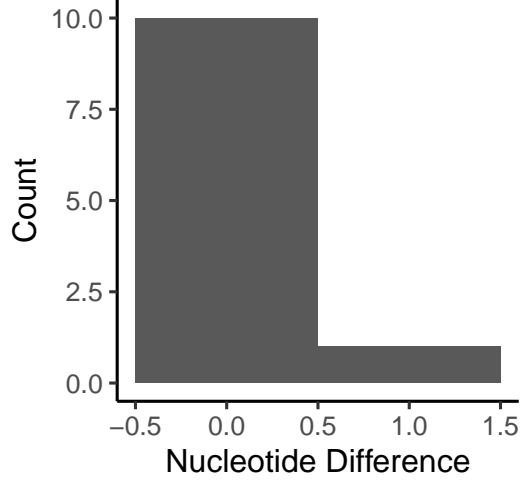
IGKV2D–30*01

8 sequences assigned
7 (87.5%) exact matches, in which:
6 unique CDR3
3 unique J



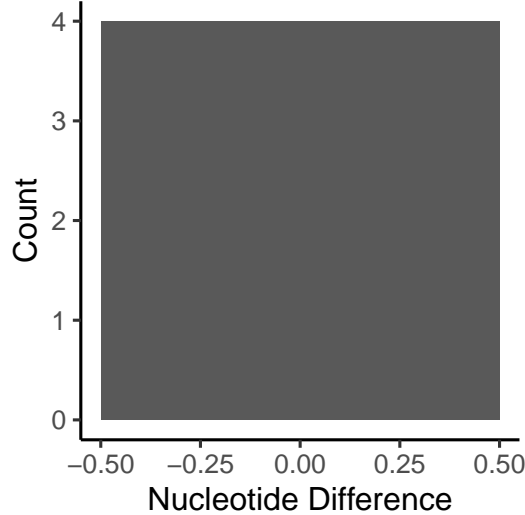
IGKV1D-43*01

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



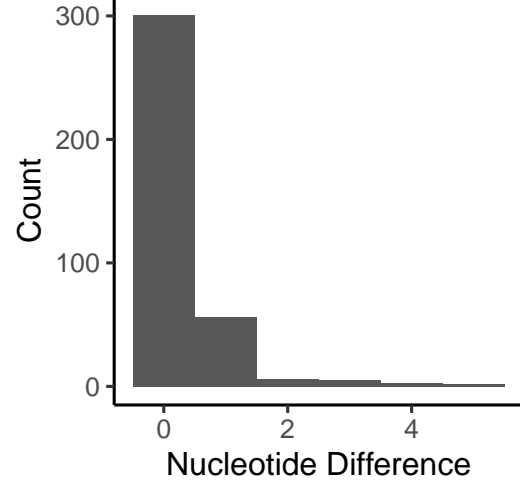
IGKV1E-13*03

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



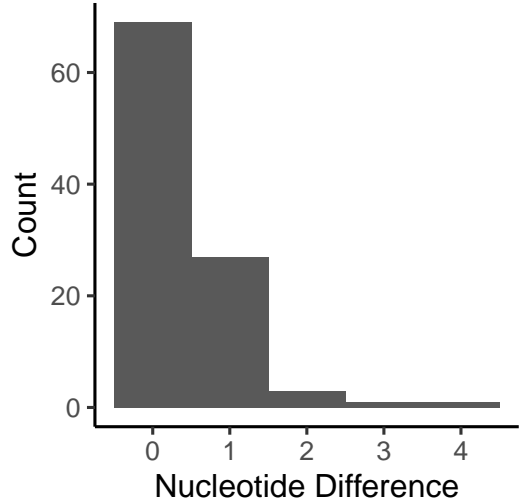
IGKV2E-28*01

373 sequences assigned
301 (80.7%) exact matches, in which:
241 unique CDR3
6 unique J



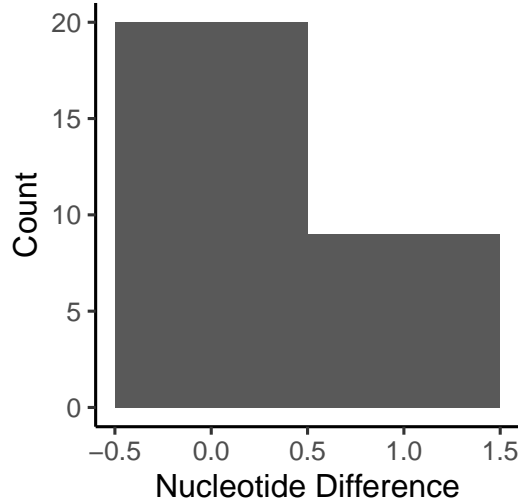
IGKV1E-12*01

101 sequences assigned
69 (68.3%) exact matches, in which:
57 unique CDR3
6 unique J



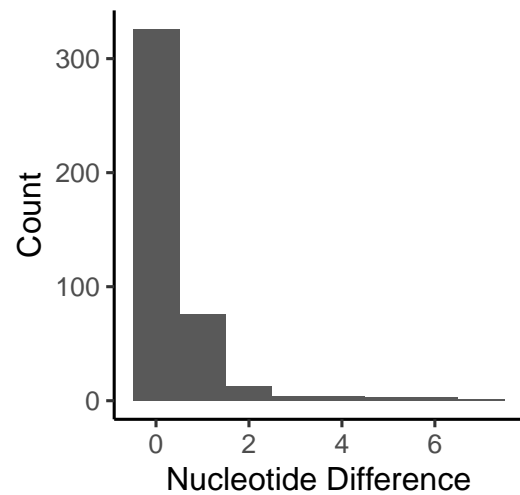
IGKV6E-21*01

29 sequences assigned
20 (69%) exact matches, in which:
17 unique CDR3
4 unique J



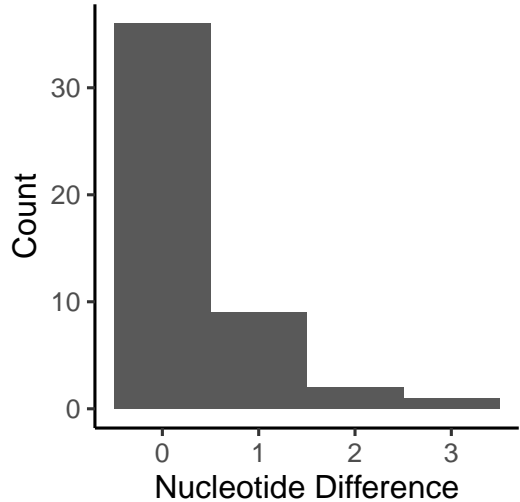
IGKV1E-33*01

430 sequences assigned
326 (75.8%) exact matches, in which:
264 unique CDR3
6 unique J



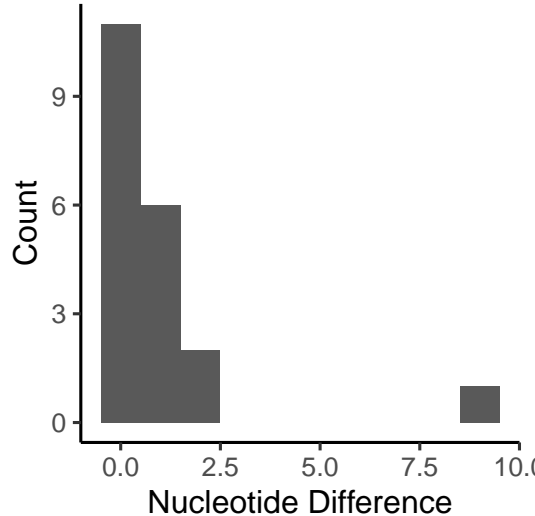
IGKV1E-12*03

48 sequences assigned
36 (75%) exact matches, in which:
31 unique CDR3
5 unique J



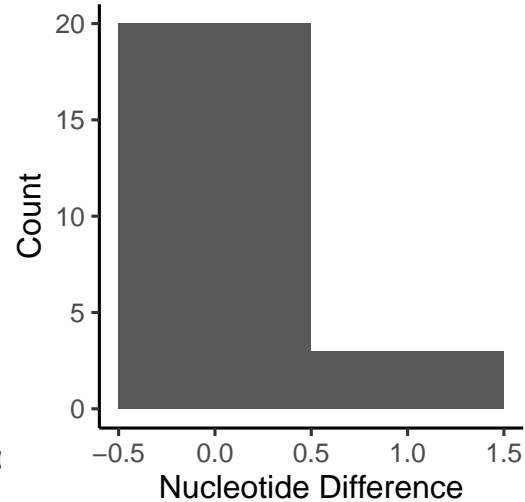
IGKV6E-21*03

20 sequences assigned
11 (55%) exact matches, in which:
11 unique CDR3
6 unique J



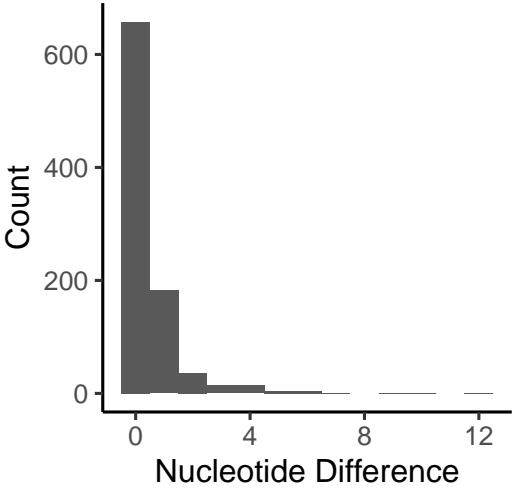
IGKV1E-37*01

23 sequences assigned
20 (87%) exact matches, in which:
18 unique CDR3
4 unique J



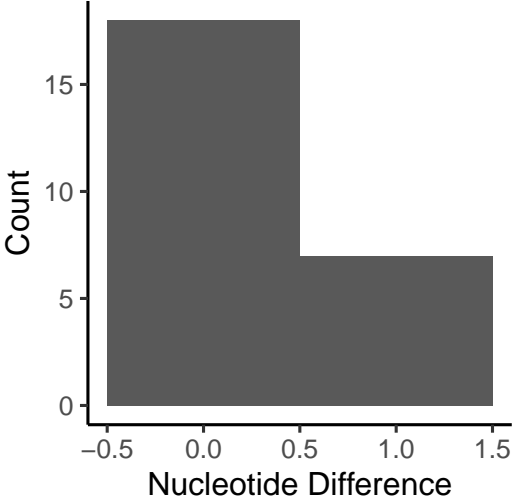
IGKV1E-39*01

917 sequences assigned
658 (71.8%) exact matches, in which:
494 unique CDR3
6 unique J

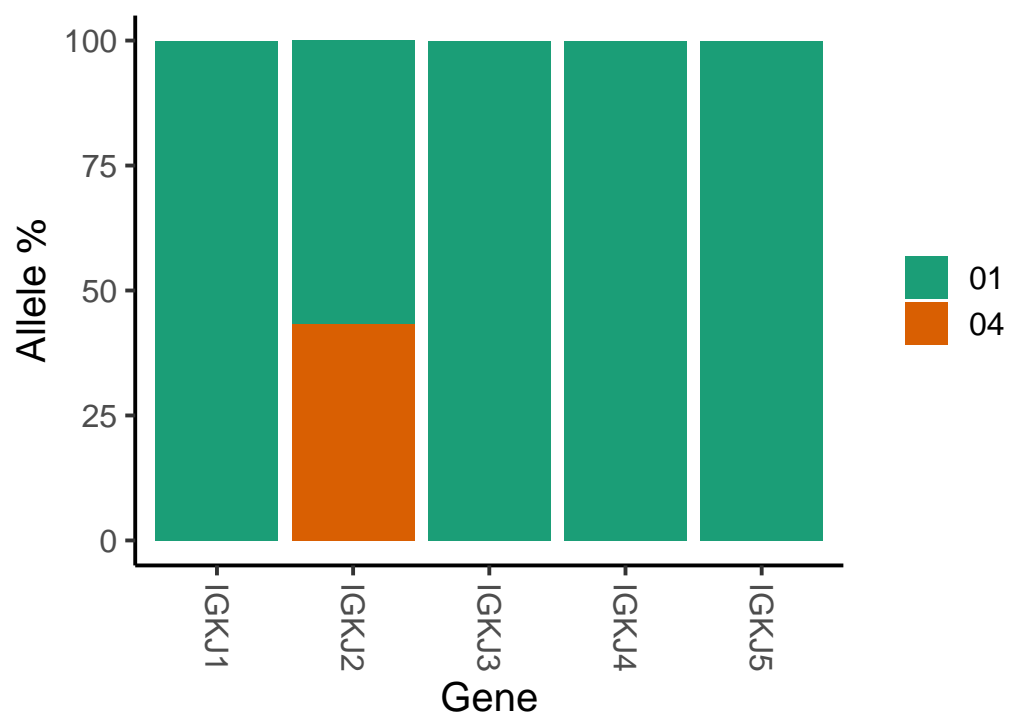


IGKV2E-40*01

25 sequences assigned
18 (72%) exact matches, in which:
17 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.