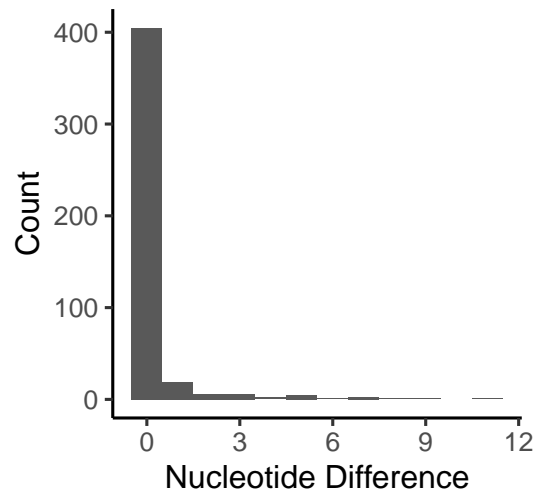


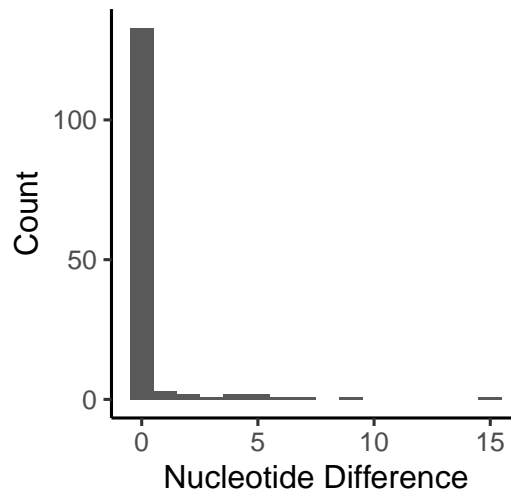
IGKV1–5*03

450 sequences assigned
405 (90%) exact matches, in which:
341 unique CDR3
5 unique J



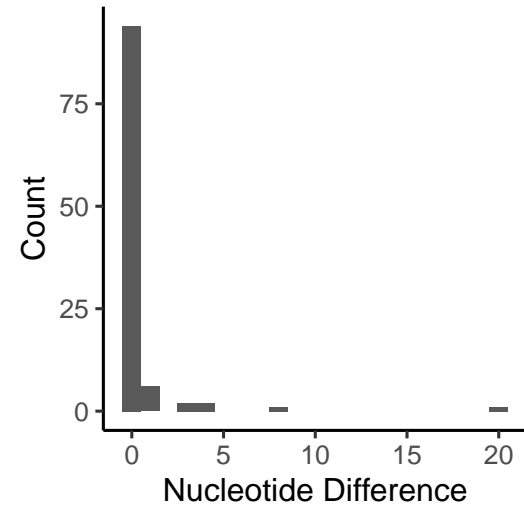
IGKV1–9*01

147 sequences assigned
133 (90.5%) exact matches, in which:
115 unique CDR3
5 unique J



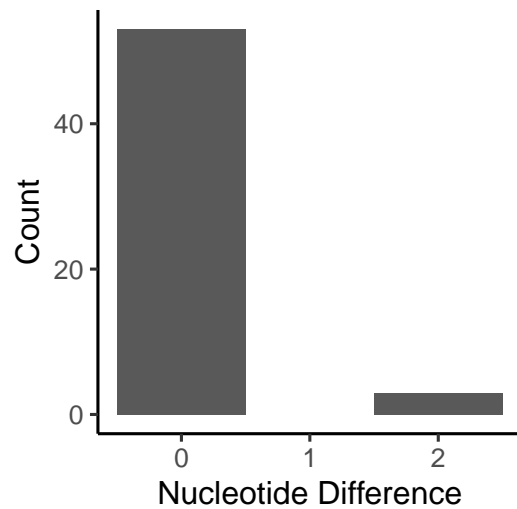
IGKV1–27*01

106 sequences assigned
94 (88.7%) exact matches, in which:
79 unique CDR3
5 unique J



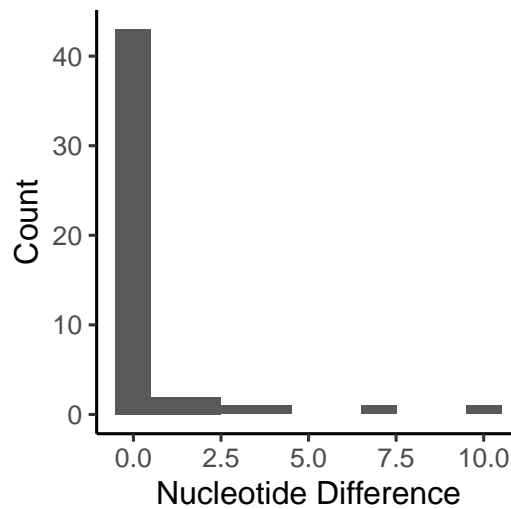
IGKV1–6*01

56 sequences assigned
53 (94.6%) exact matches, in which:
39 unique CDR3
4 unique J



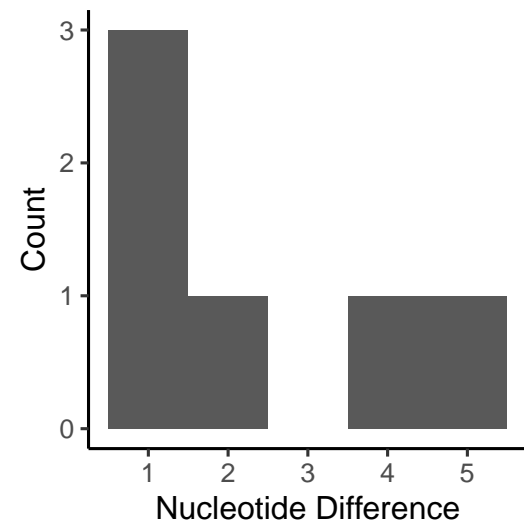
IGKV1–16*02

51 sequences assigned
43 (84.3%) exact matches, in which:
39 unique CDR3
5 unique J



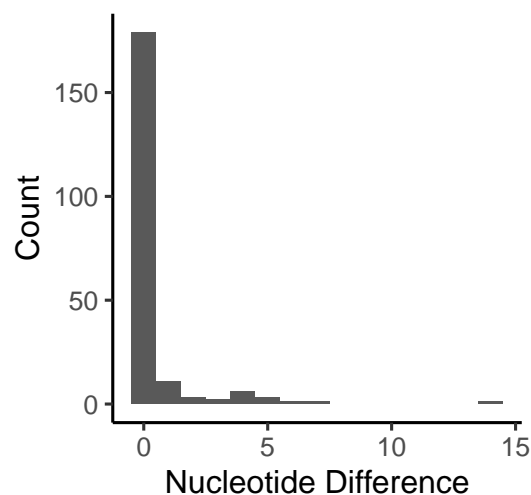
IGKV2/OR22–4*01

6 sequences assigned
No exact matches.



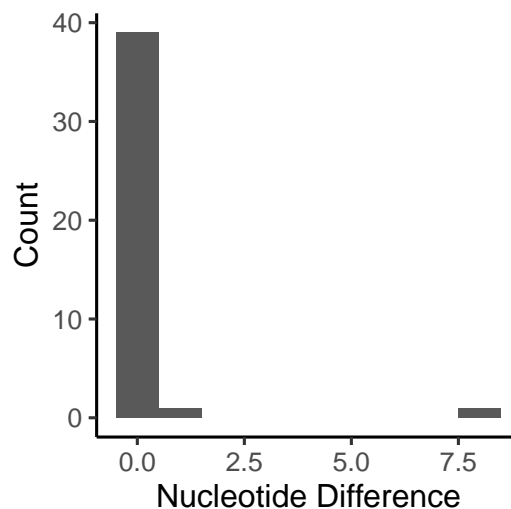
IGKV1–8*01

207 sequences assigned
179 (86.5%) exact matches, in which:
128 unique CDR3
5 unique J



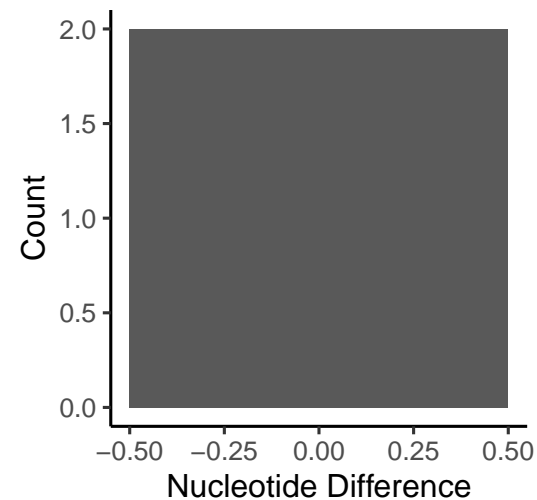
IGKV1–17*01

41 sequences assigned
39 (95.1%) exact matches, in which:
31 unique CDR3
5 unique J



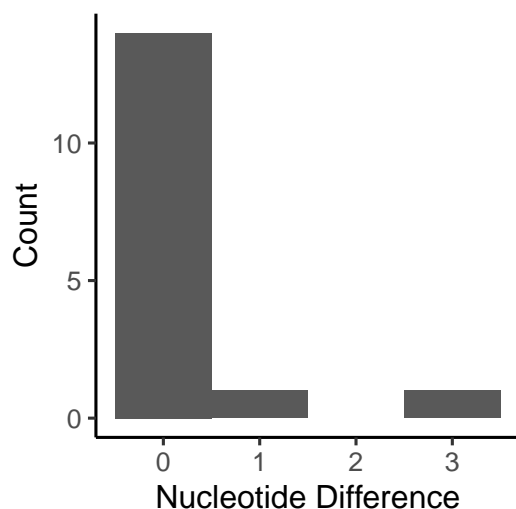
IGKV2–18*01

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



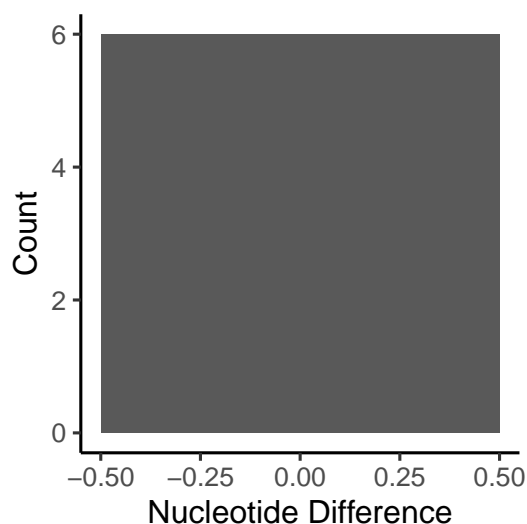
IGKV2-24*01

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



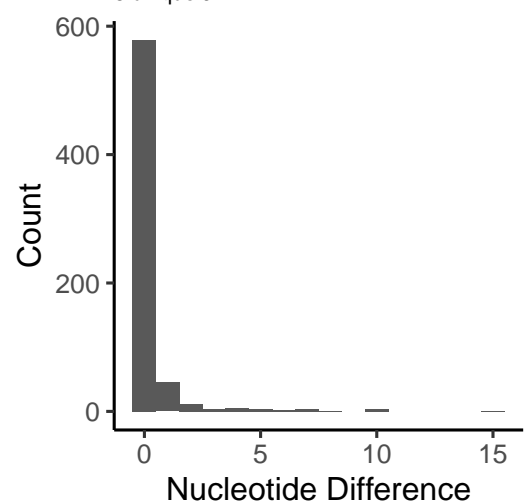
IGKV3-7*04

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
3 unique J



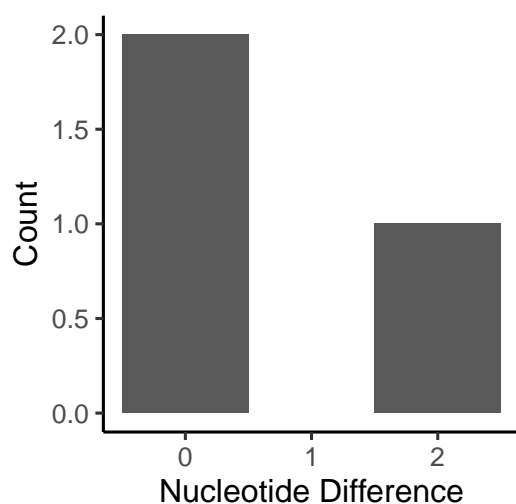
IGKV3-20*01

663 sequences assigned
579 (87.3%) exact matches, in which:
503 unique CDR3
5 unique J



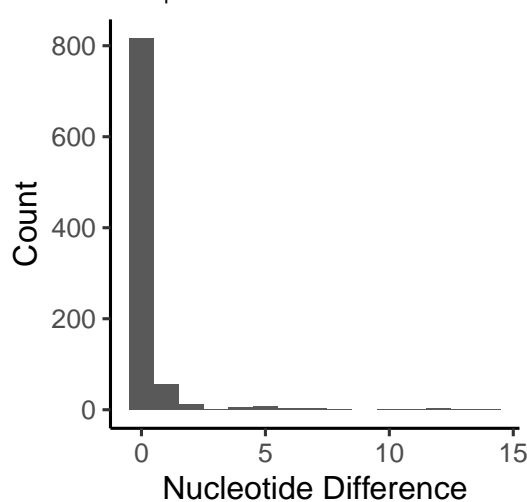
IGKV2-29*03

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



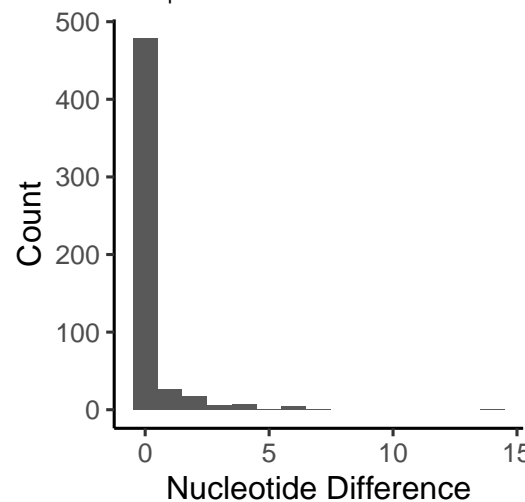
IGKV3-11*01

916 sequences assigned
817 (89.2%) exact matches, in which:
671 unique CDR3
5 unique J



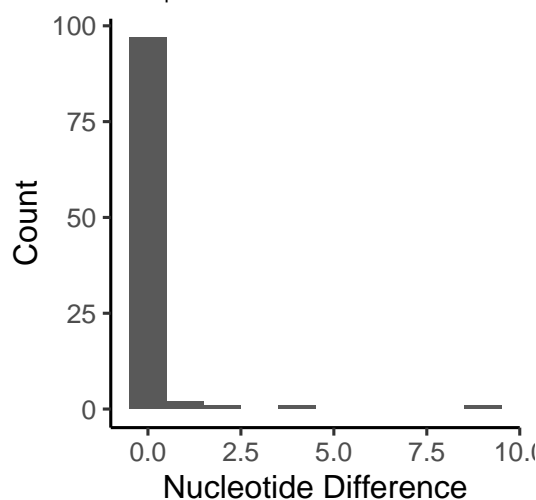
IGKV4-1*01

545 sequences assigned
479 (87.9%) exact matches, in which:
373 unique CDR3
5 unique J



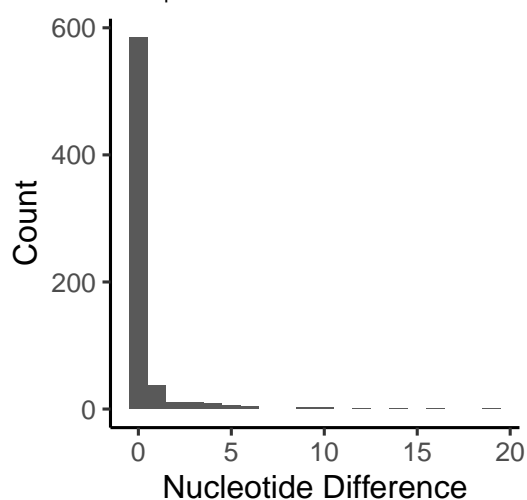
IGKV2-30*01

102 sequences assigned
97 (95.1%) exact matches, in which:
89 unique CDR3
5 unique J



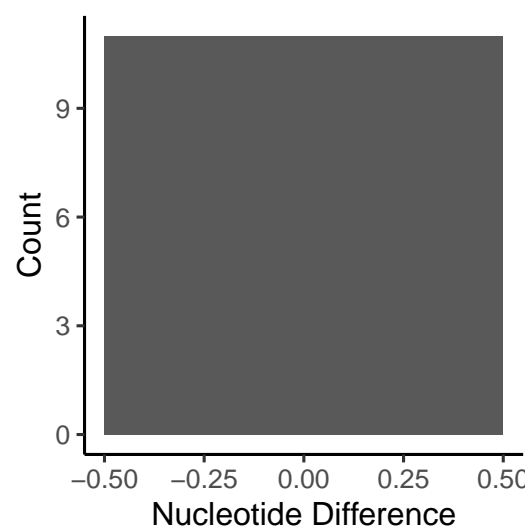
IGKV3-15*01

669 sequences assigned
585 (87.4%) exact matches, in which:
501 unique CDR3
5 unique J



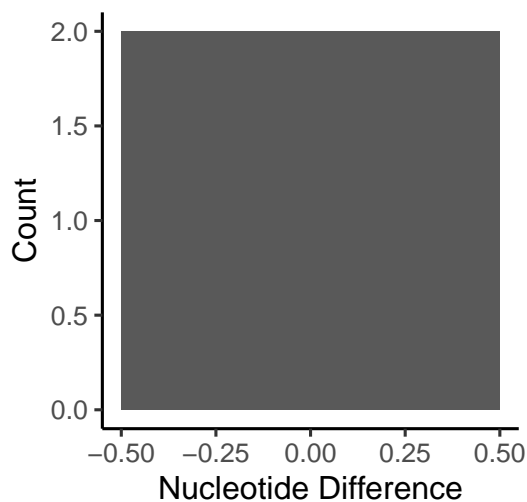
IGKV5-2*01

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



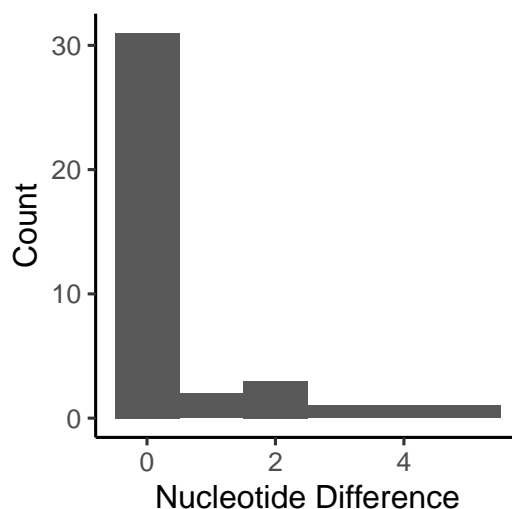
IGKV3D-7*01

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



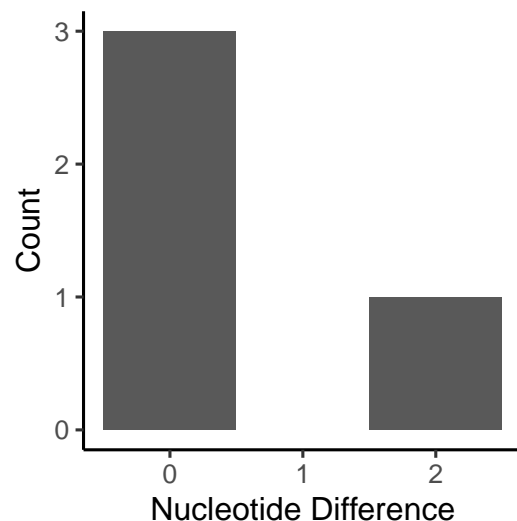
IGKV3D-15*01

40 sequences assigned
31 (77.5%) exact matches, in which:
29 unique CDR3
4 unique J



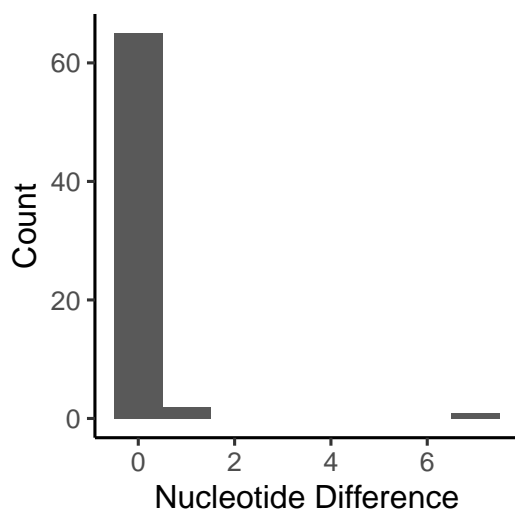
IGKV2D-26*03

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



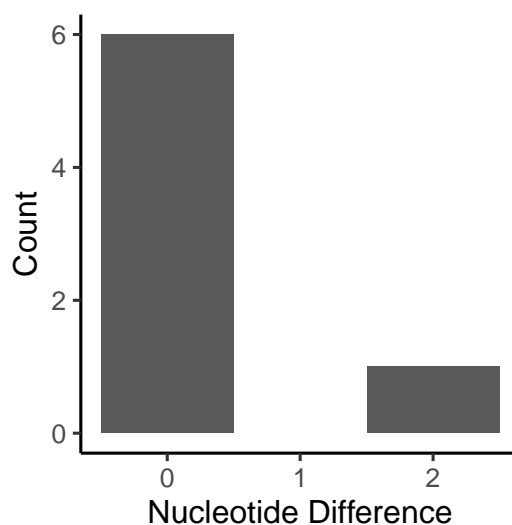
IGKV1D-8*01

68 sequences assigned
65 (95.6%) exact matches, in which:
50 unique CDR3
5 unique J



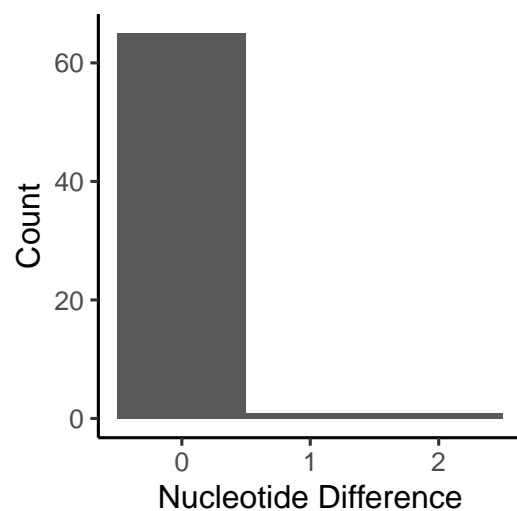
IGKV1D-16*01

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



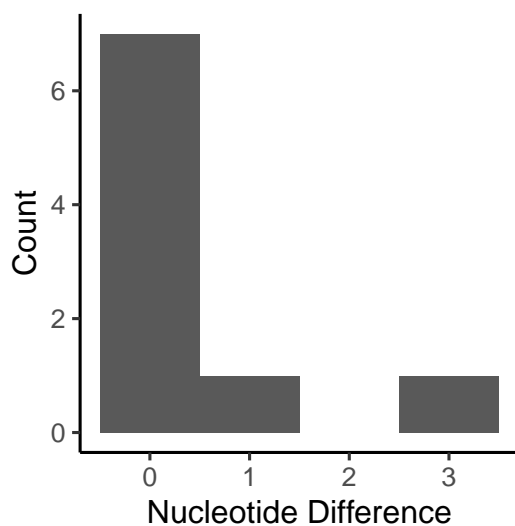
IGKV2D-29*01

67 sequences assigned
65 (97%) exact matches, in which:
55 unique CDR3
5 unique J



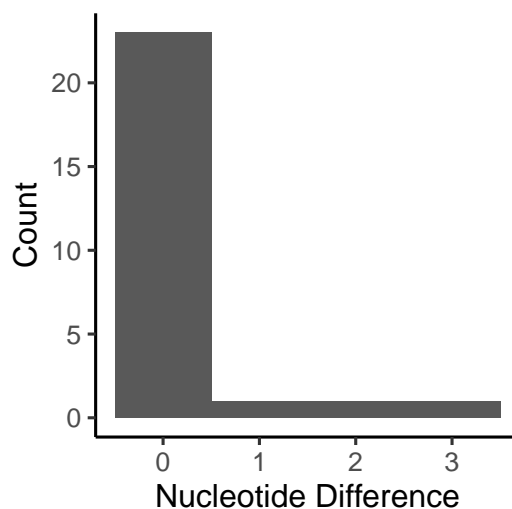
IGKV3D-11*01

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



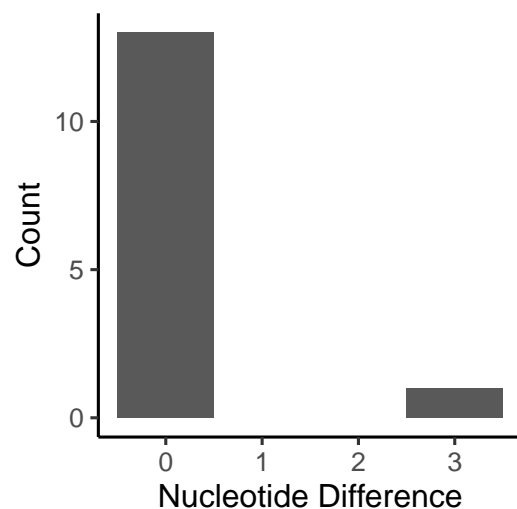
IGKV3D-20*01

26 sequences assigned
23 (88.5%) exact matches, in which:
21 unique CDR3
4 unique J



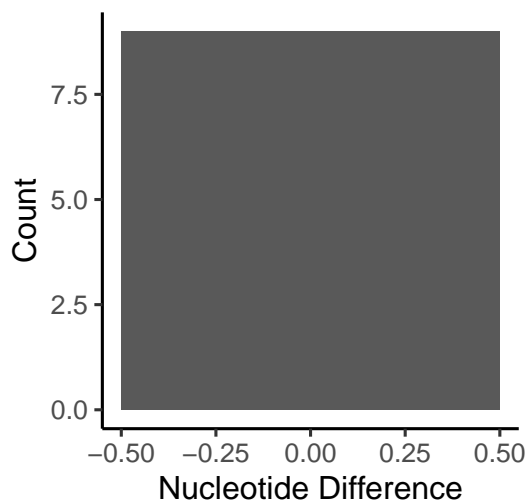
IGKV2D-30*01

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



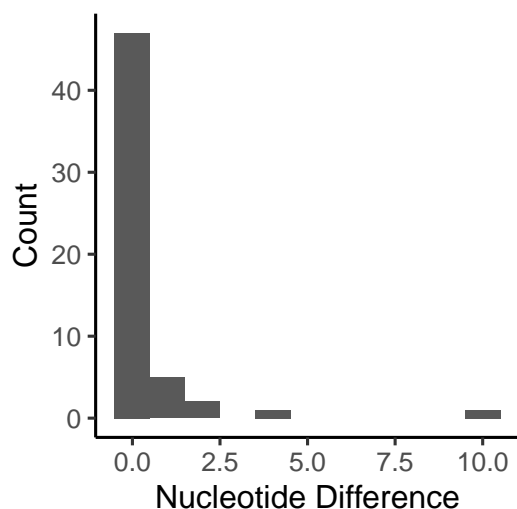
IGKV1D-43*01

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



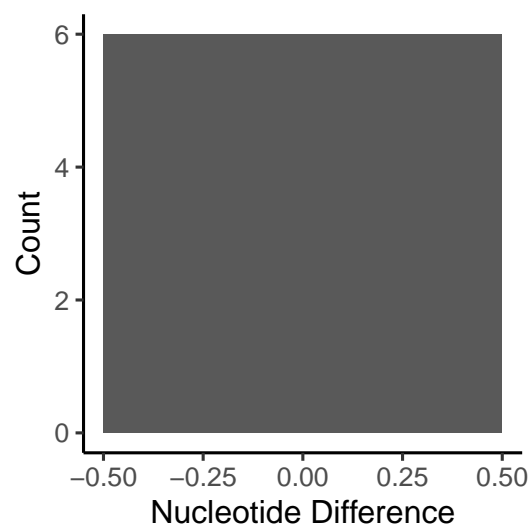
IGKV1E-12*03

56 sequences assigned
47 (83.9%) exact matches, in which:
40 unique CDR3
5 unique J



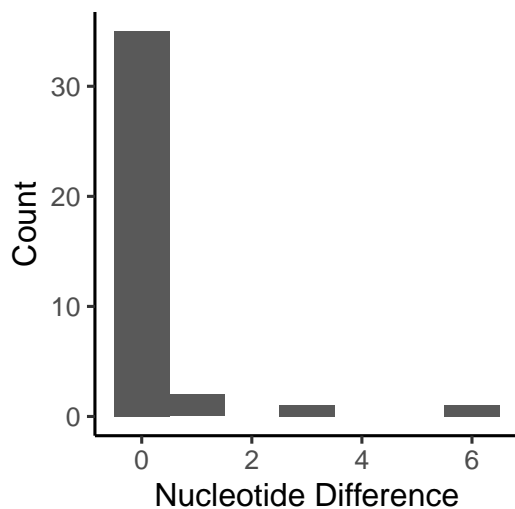
IGKV6E-21*03

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
2 unique J



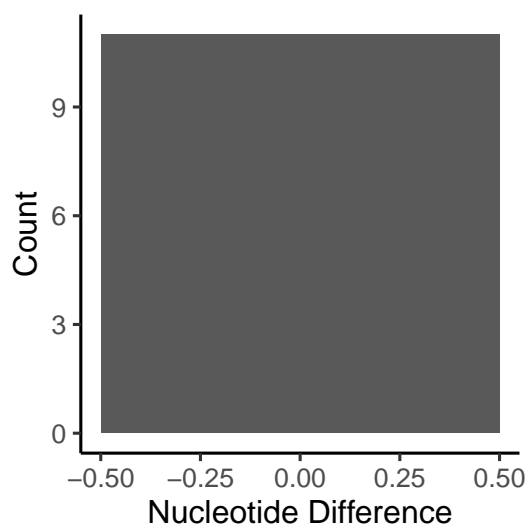
IGKV1E-12*01

39 sequences assigned
35 (89.7%) exact matches, in which:
25 unique CDR3
5 unique J



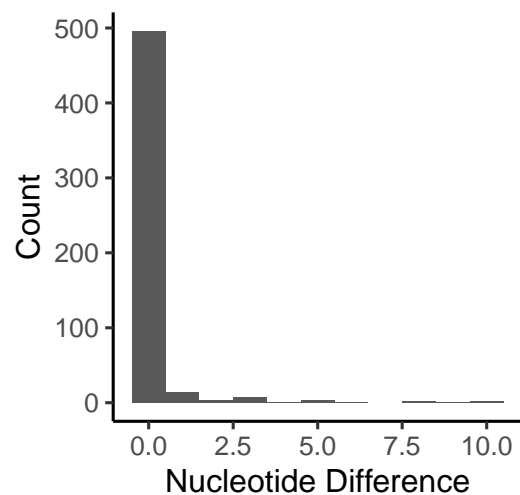
IGKV1E-13*03

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



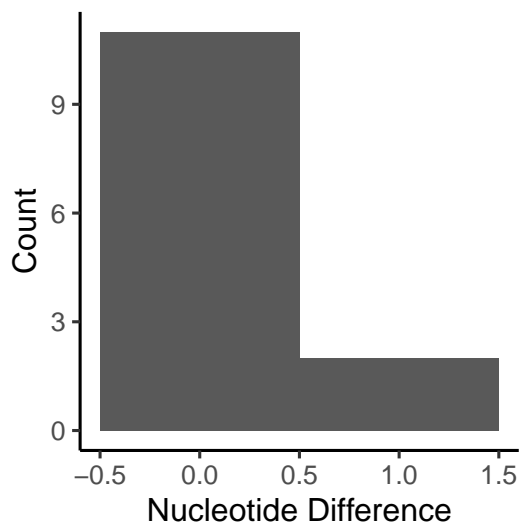
IGKV2E-28*01

533 sequences assigned
496 (93.1%) exact matches, in which:
413 unique CDR3
5 unique J



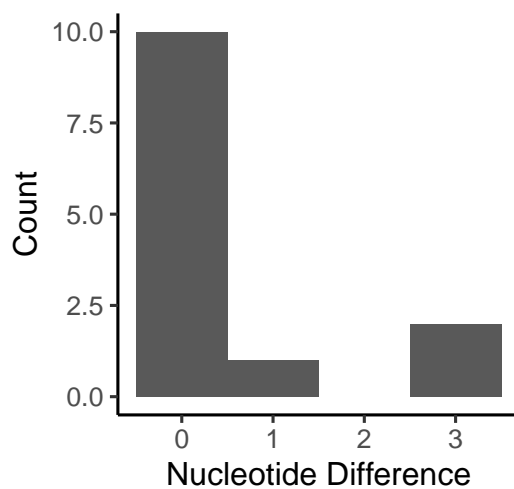
IGKV1E-12*02

13 sequences assigned
11 (84.6%) exact matches, in which:
8 unique CDR3
4 unique J



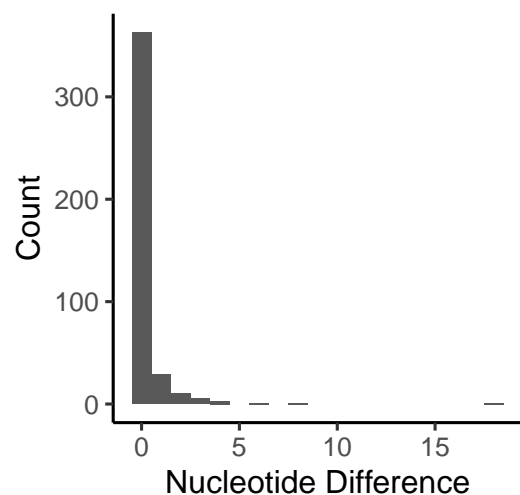
IGKV6E-21*01

13 sequences assigned
10 (76.9%) exact matches, in which:
10 unique CDR3
4 unique J



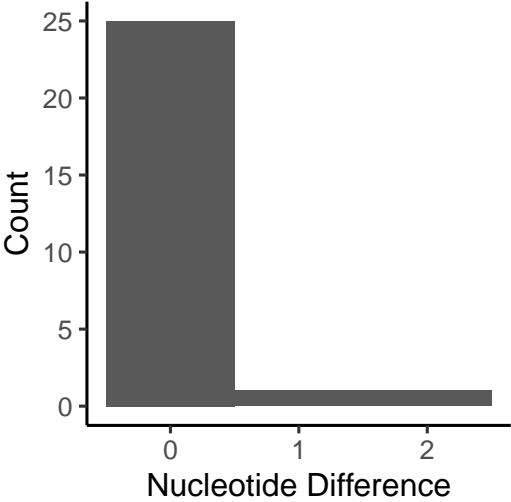
IGKV1E-33*01

413 sequences assigned
363 (87.9%) exact matches, in which:
281 unique CDR3
5 unique J



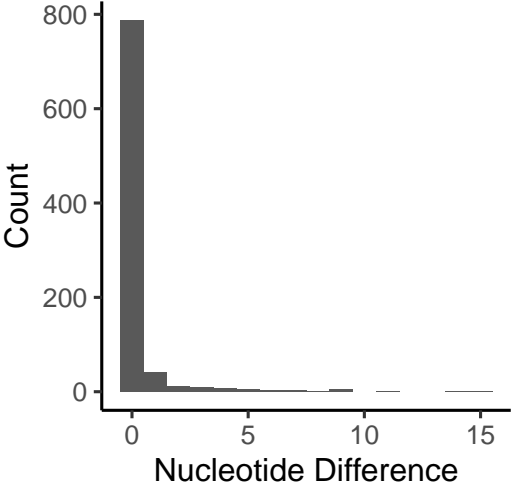
IGKV1E-37*01

27 sequences assigned
25 (92.6%) exact matches, in which:
24 unique CDR3
5 unique J



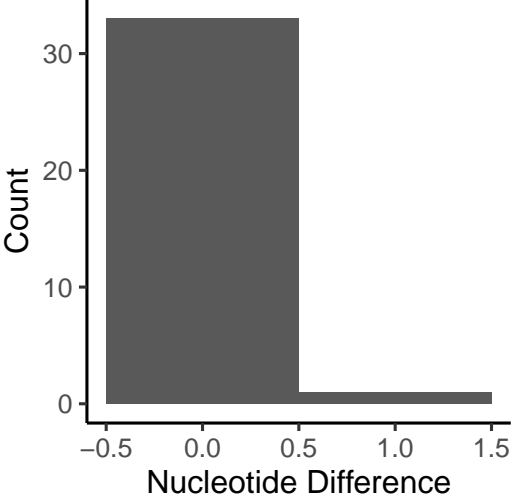
IGKV1E-39*01

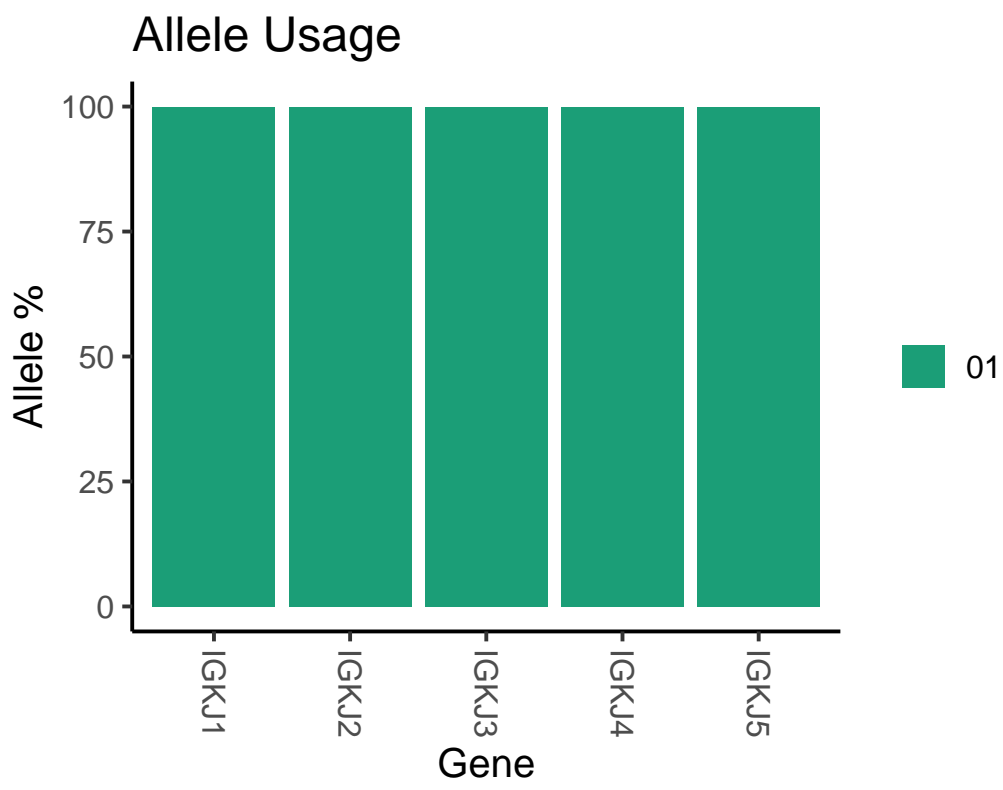
882 sequences assigned
788 (89.3%) exact matches, in which:
560 unique CDR3
5 unique J



IGKV2E-40*01

34 sequences assigned
33 (97.1%) exact matches, in which:
32 unique CDR3
5 unique J





Warning – no inferred sequences found.