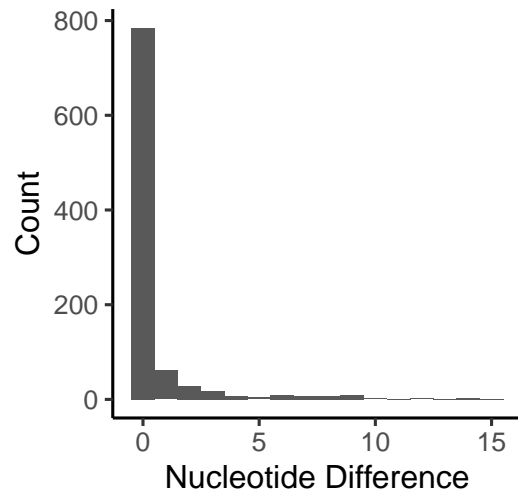


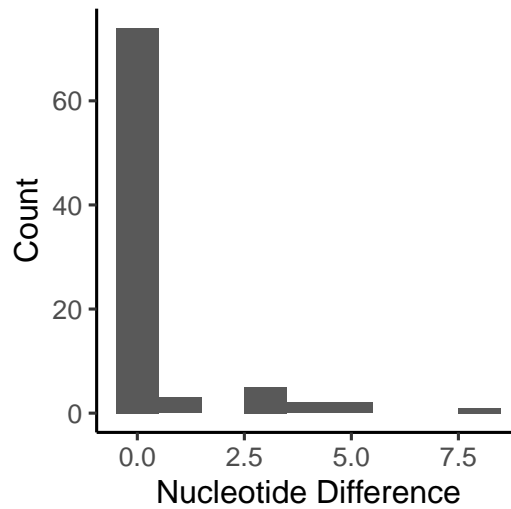
IGKV1-5*03

946 sequences assigned
785 (83%) exact matches, in which:
626 unique CDR3
6 unique J



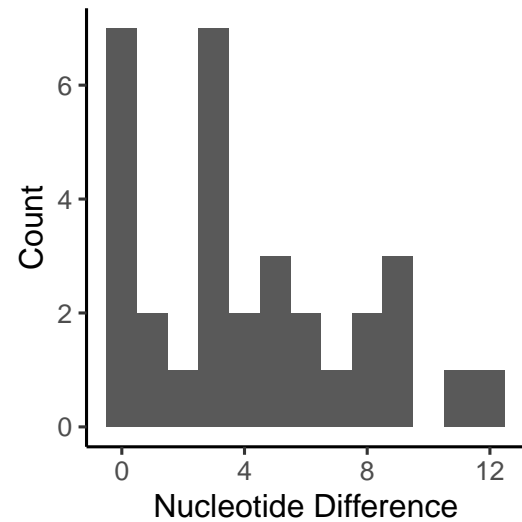
IGKV1-8*01

87 sequences assigned
74 (85.1%) exact matches, in which:
69 unique CDR3
5 unique J



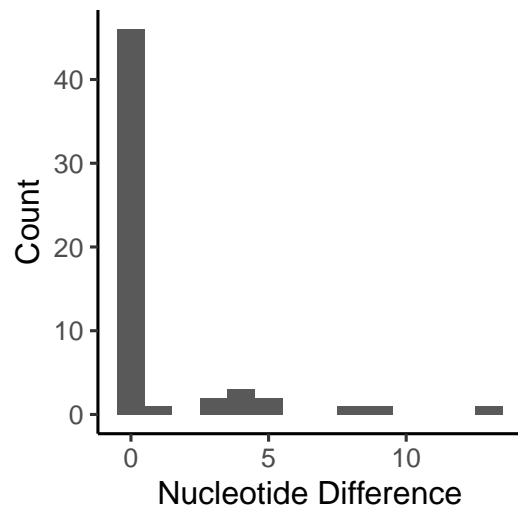
IGKV1-9*01_T320A

32 sequences assigned
7 (21.9%) exact matches, in which:
7 unique CDR3
3 unique J



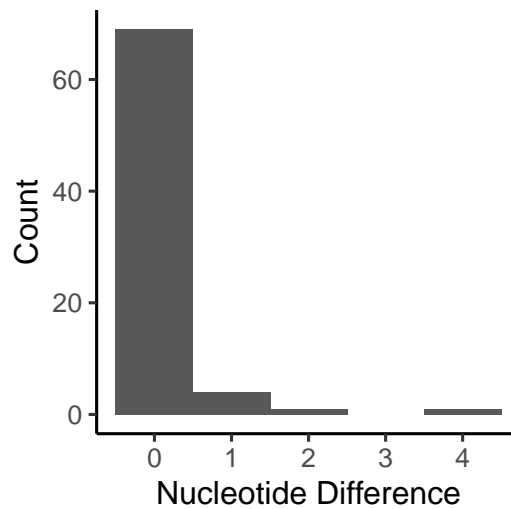
IGKV1-6*01

57 sequences assigned
46 (80.7%) exact matches, in which:
30 unique CDR3
5 unique J



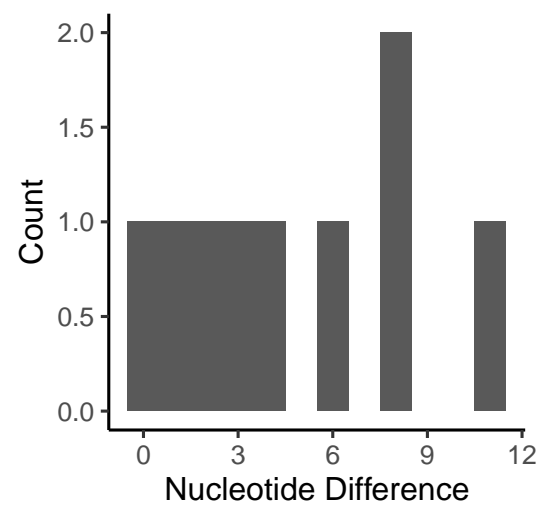
IGKV1-8*01_G12A_T31C

76 sequences assigned
69 (90.8%) exact matches, in which:
65 unique CDR3
5 unique J



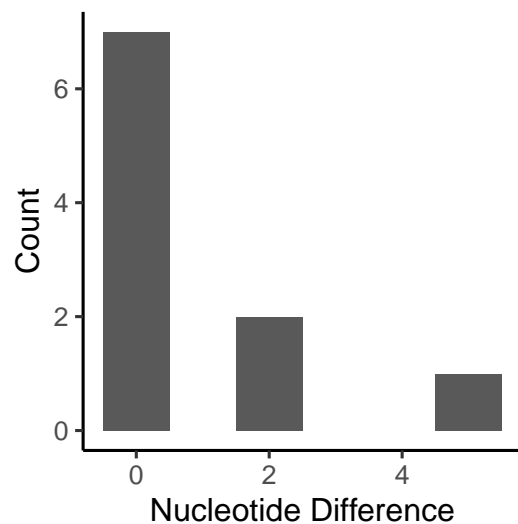
IGKV1-16*01

9 sequences assigned
1 (11.1%) exact matches, in which:
1 unique CDR3
1 unique J



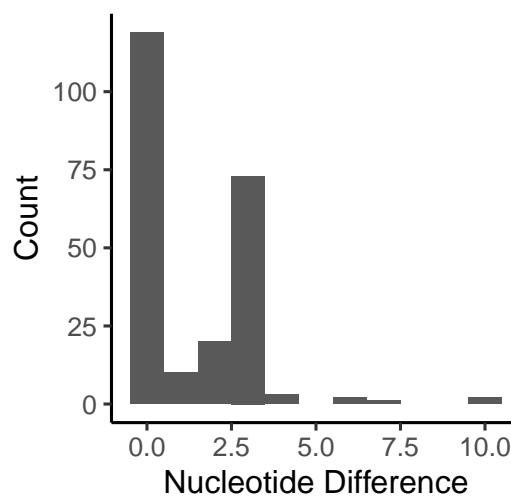
IGKV1-6*01_A318G_A326

10 sequences assigned
7 (70%) exact matches, in which:
7 unique CDR3
2 unique J



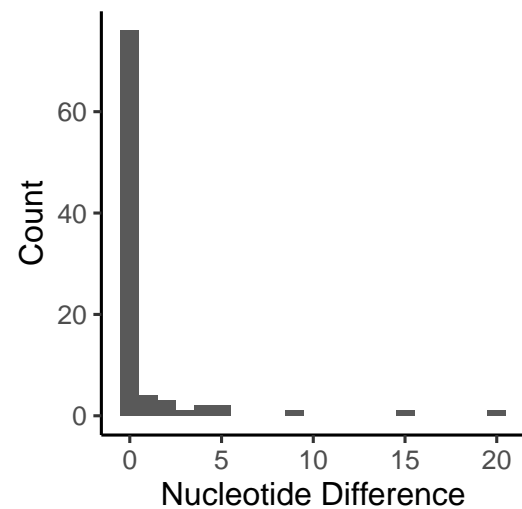
IGKV1-9*01

230 sequences assigned
119 (51.7%) exact matches, in which:
92 unique CDR3
6 unique J



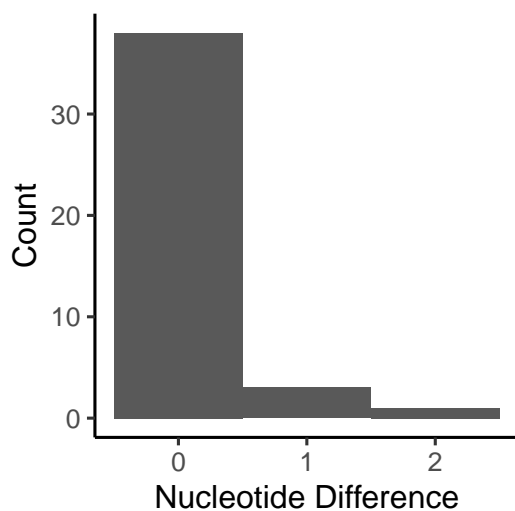
IGKV1-16*02

91 sequences assigned
76 (83.5%) exact matches, in which:
60 unique CDR3
6 unique J



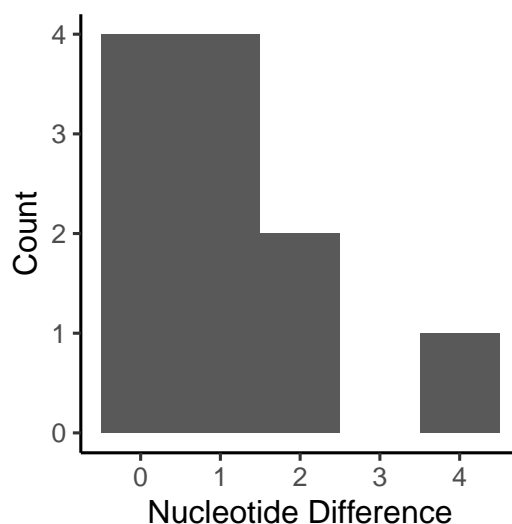
IGKV1-17*01

42 sequences assigned
38 (90.5%) exact matches, in which:
31 unique CDR3
5 unique J



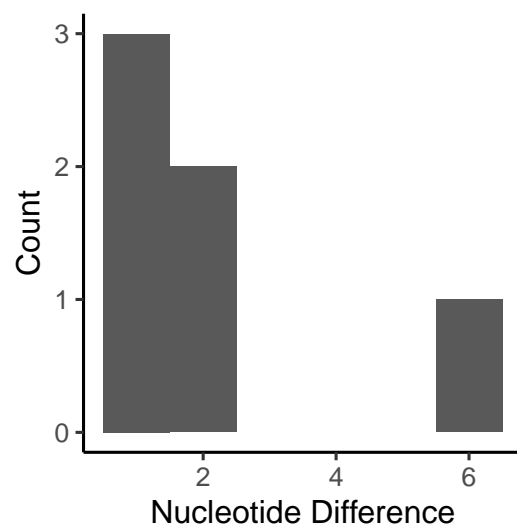
IGKV1-17*03_T314A

11 sequences assigned
4 (36.4%) exact matches, in which:
4 unique CDR3
2 unique J



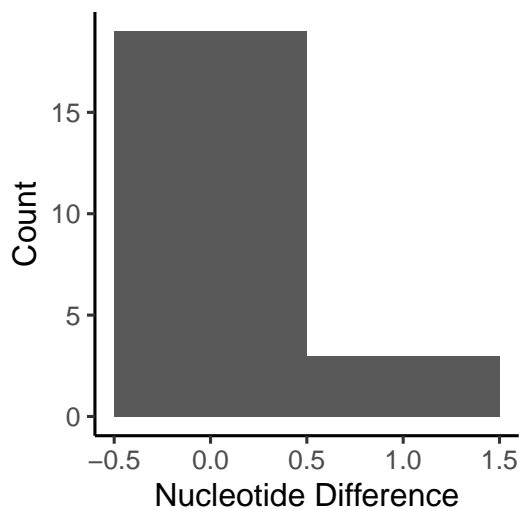
IGKV2/OR22-4*01

6 sequences assigned
No exact matches.



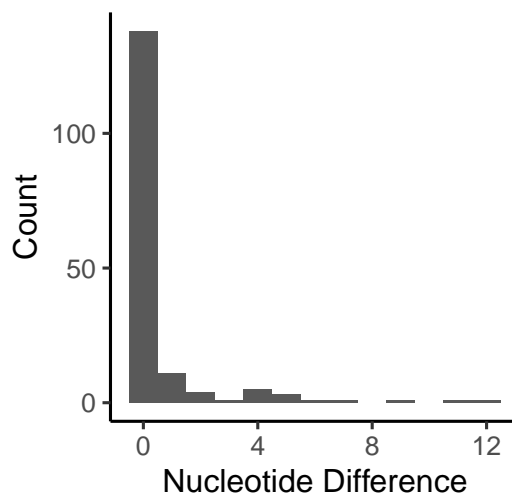
IGKV1-17*03

22 sequences assigned
19 (86.4%) exact matches, in which:
17 unique CDR3
3 unique J



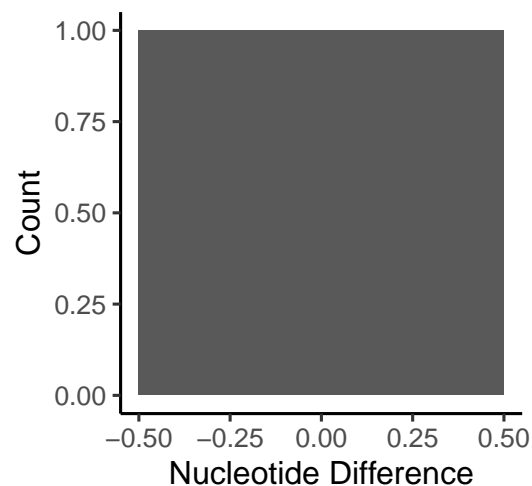
IGKV1-27*01

167 sequences assigned
138 (82.6%) exact matches, in which:
95 unique CDR3
6 unique J



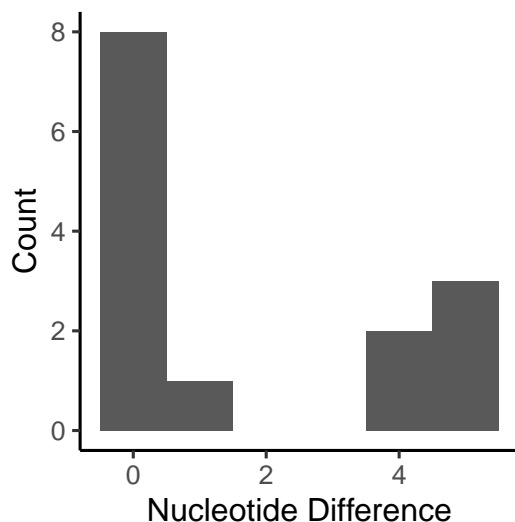
IGKV2-18*01

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



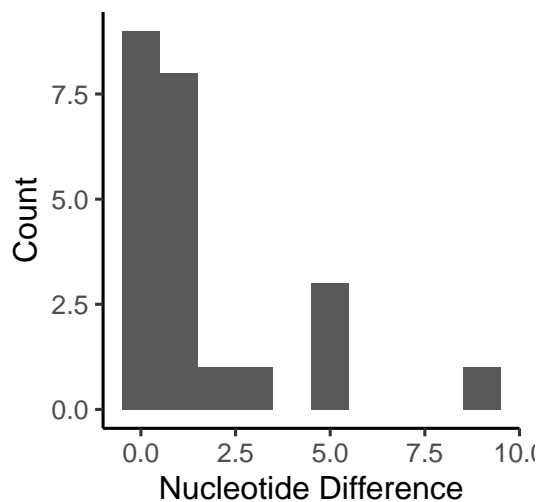
IGKV1-17*01_T314A

14 sequences assigned
8 (57.1%) exact matches, in which:
8 unique CDR3
3 unique J



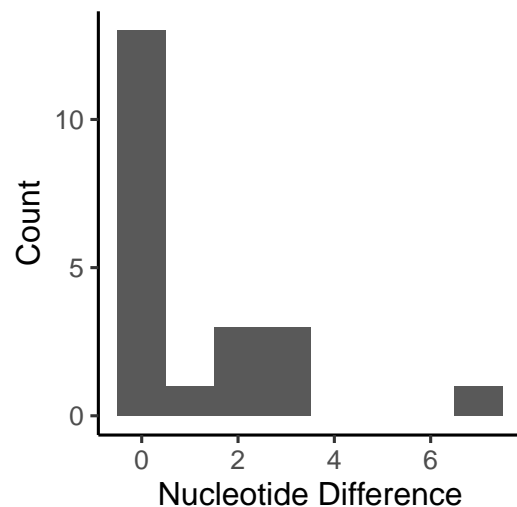
IGKV1-27*01_A316C

23 sequences assigned
9 (39.1%) exact matches, in which:
9 unique CDR3
3 unique J



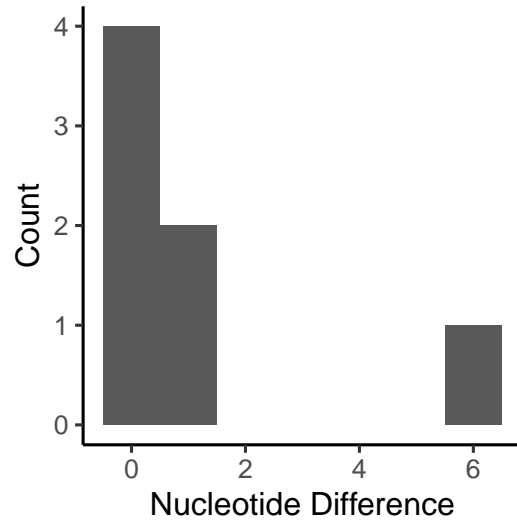
IGKV2-24*01

21 sequences assigned
13 (61.9%) exact matches, in which:
13 unique CDR3
5 unique J



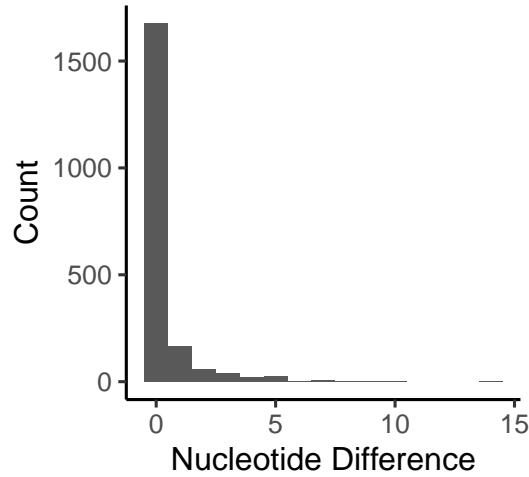
IGKV2–29*03

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
1 unique J



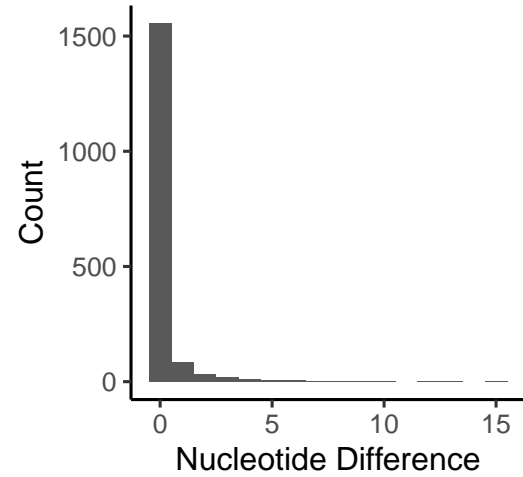
IGKV3–11*01

2001 sequences assigned
1676 (83.8%) exact matches, in which:
1171 unique CDR3
6 unique J



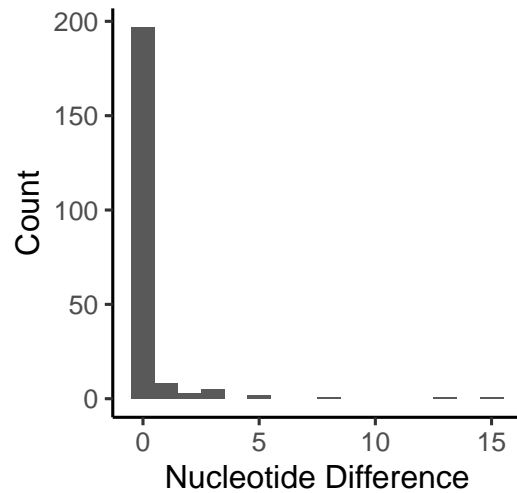
IGKV4–1*01

1727 sequences assigned
1555 (90%) exact matches, in which:
910 unique CDR3
6 unique J



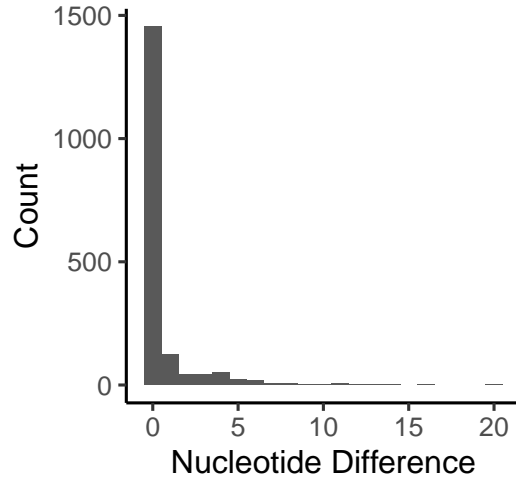
IGKV2–30*01

218 sequences assigned
197 (90.4%) exact matches, in which:
176 unique CDR3
6 unique J



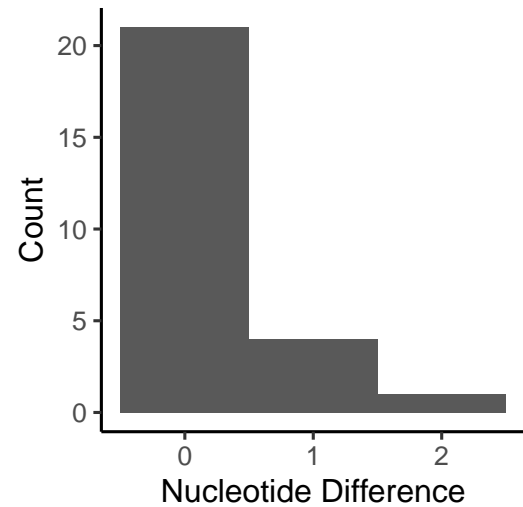
IGKV3–15*01

1777 sequences assigned
1454 (81.8%) exact matches, in which:
1061 unique CDR3
6 unique J



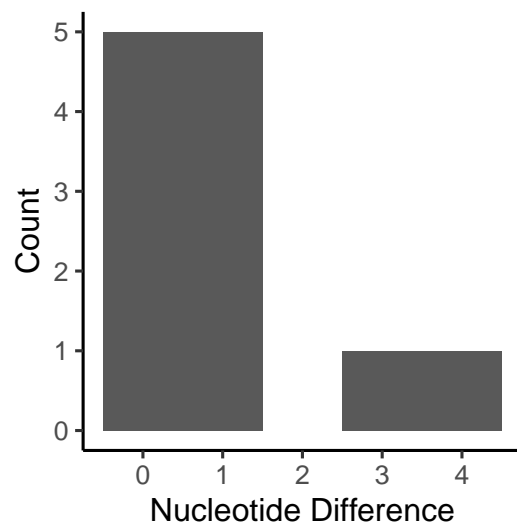
IGKV5–2*01

26 sequences assigned
21 (80.8%) exact matches, in which:
18 unique CDR3
5 unique J



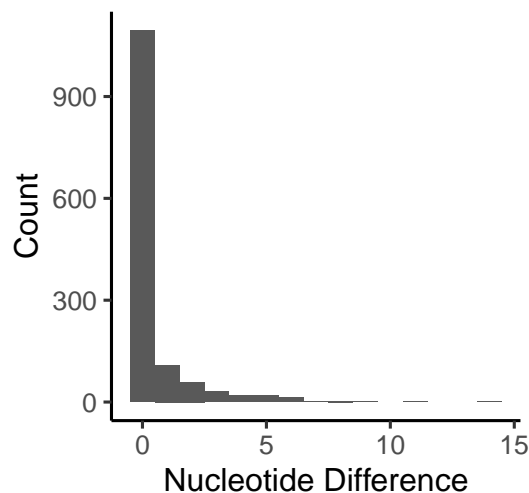
IGKV3–7*04

12 sequences assigned
5 (41.7%) exact matches, in which:
5 unique CDR3
2 unique J



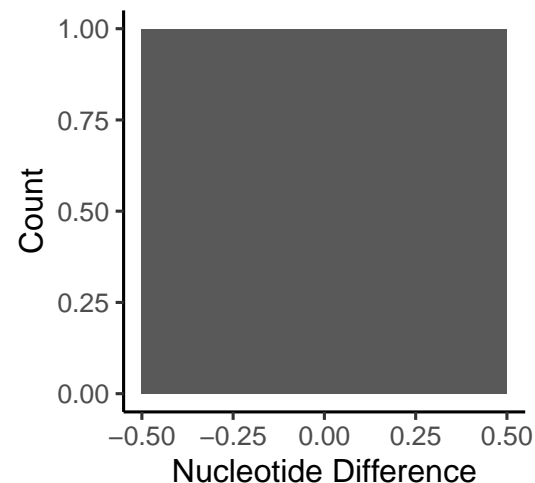
IGKV3–20*01

1356 sequences assigned
1095 (80.8%) exact matches, in which:
793 unique CDR3
6 unique J



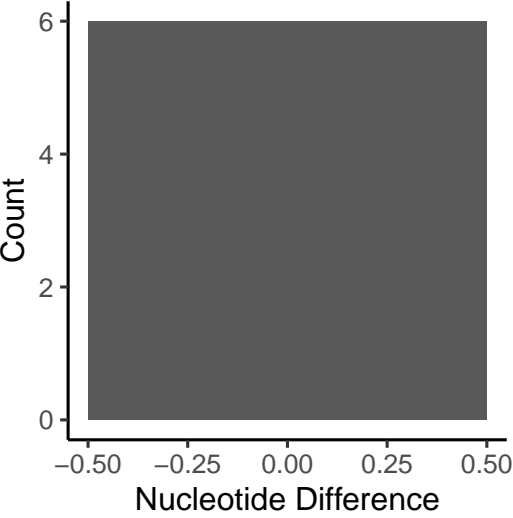
IGKV7–3*01

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



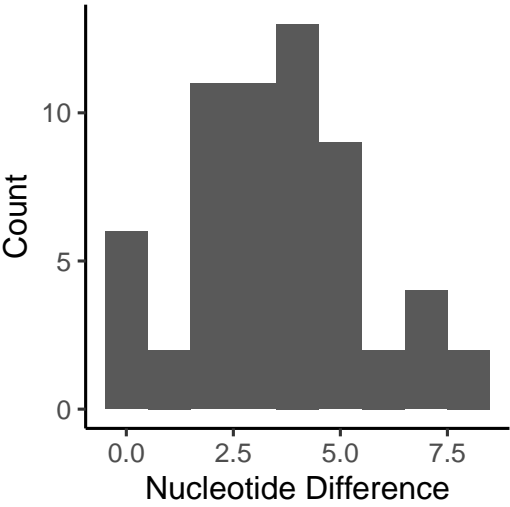
IGKV3D-7*01

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



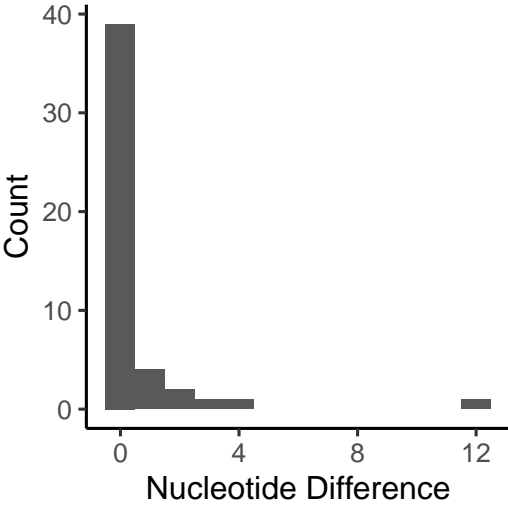
IGKV3D-11*02_C247T

60 sequences assigned
6 (10%) exact matches, in which:
6 unique CDR3
4 unique J



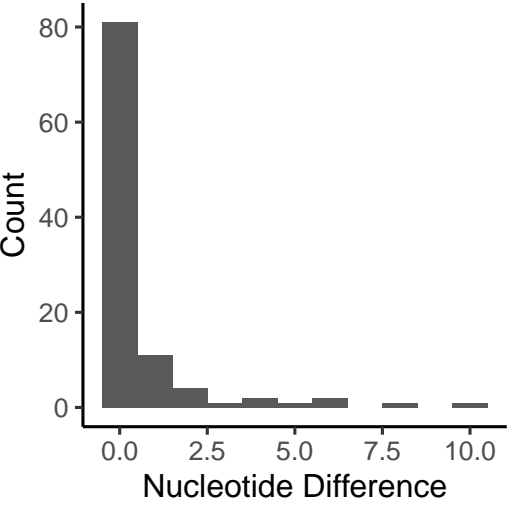
IGKV3D-20*01

48 sequences assigned
39 (81.2%) exact matches, in which:
38 unique CDR3
6 unique J



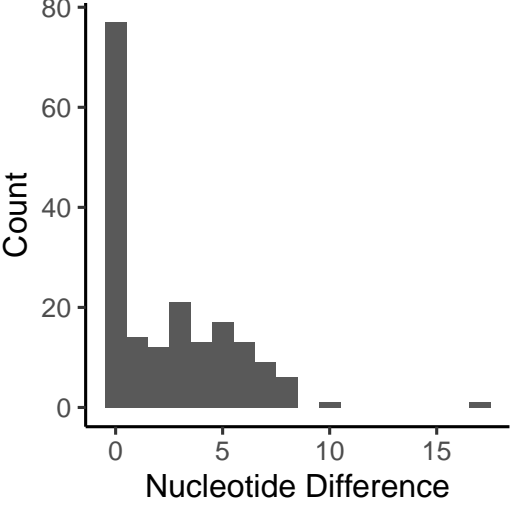
IGKV1D-8*01

104 sequences assigned
81 (77.9%) exact matches, in which:
60 unique CDR3
5 unique J



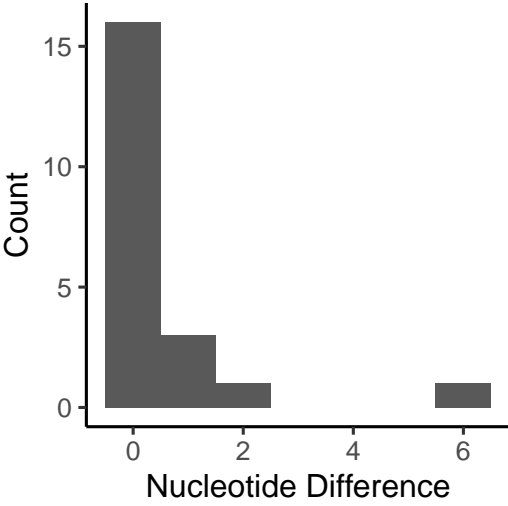
IGKV3D-15*01

184 sequences assigned
77 (41.8%) exact matches, in which:
72 unique CDR3
6 unique J



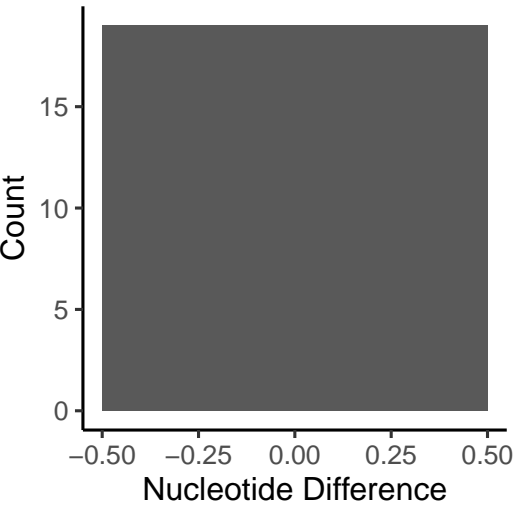
IGKV3D-20*02_C26G_A1

21 sequences assigned
16 (76.2%) exact matches, in which:
16 unique CDR3
6 unique J



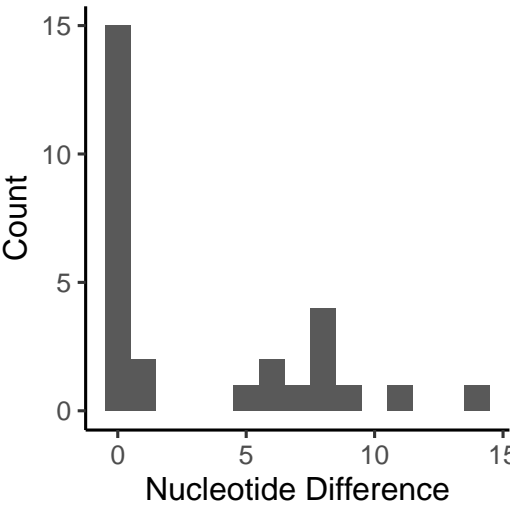
IGKV3D-11*01

19 sequences assigned
19 (100%) exact matches, in which:
19 unique CDR3
6 unique J



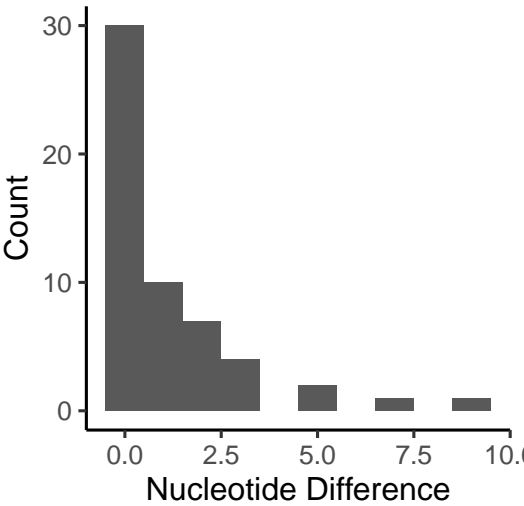
IGKV1D-16*01

28 sequences assigned
15 (53.6%) exact matches, in which:
15 unique CDR3
5 unique J



IGKV3D-20*02_C26G_A1

55 sequences assigned
30 (54.5%) exact matches, in which:
30 unique CDR3
6 unique J



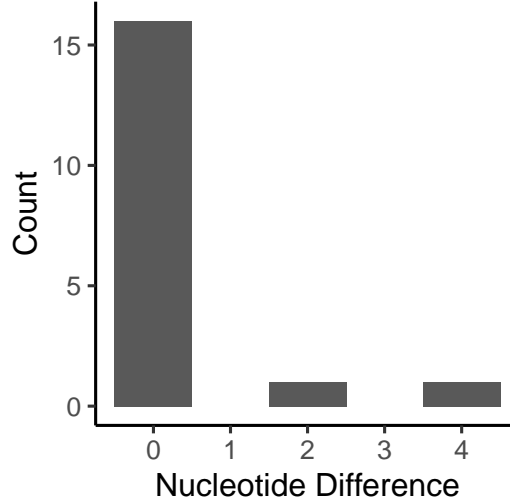
IGKV2D-24*01

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



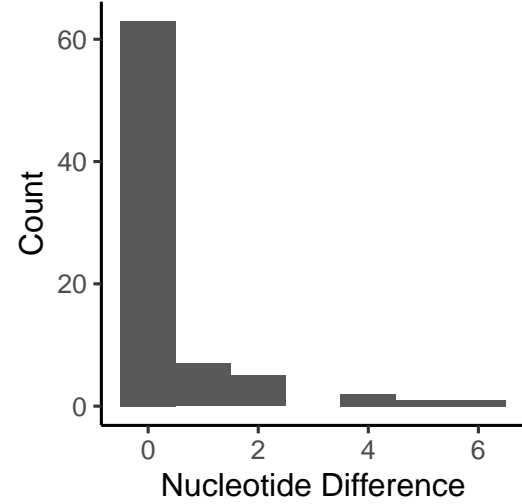
IGKV2D-30*01

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



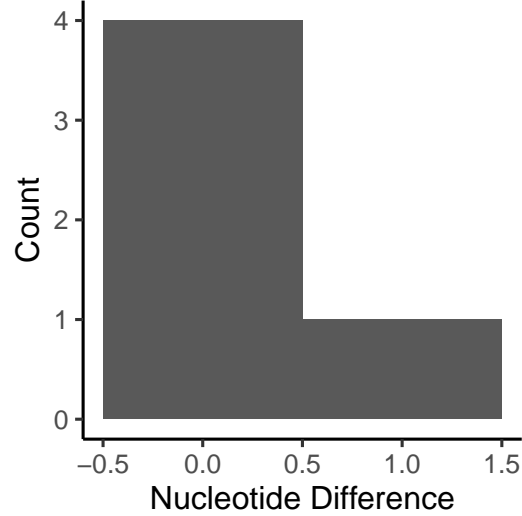
IGKV1E-12*01

79 sequences assigned
63 (79.7%) exact matches, in which:
42 unique CDR3
5 unique J



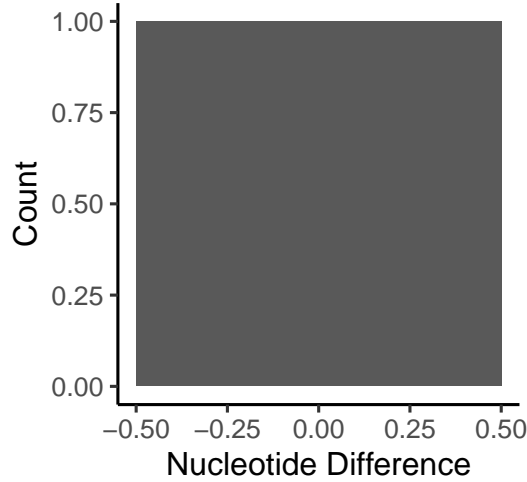
IGKV2D-26*03

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
2 unique J



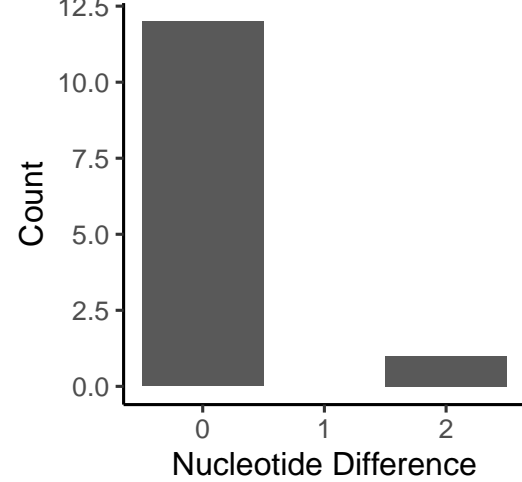
IGKV6D-41*01

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



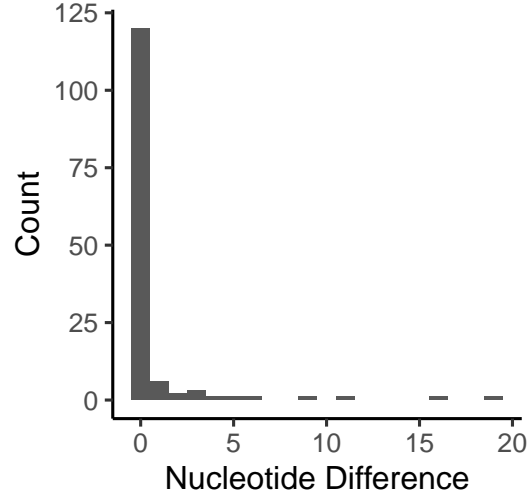
IGKV1E-12*02

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



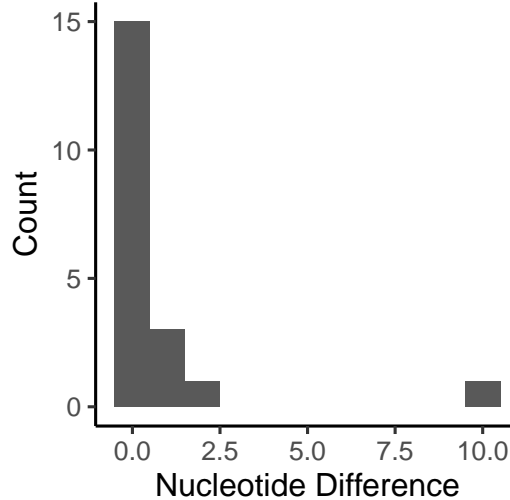
IGKV2D-29*01

138 sequences assigned
120 (87%) exact matches, in which:
103 unique CDR3
6 unique J



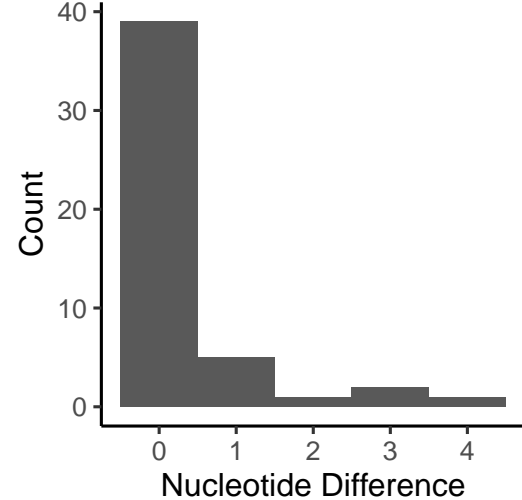
IGKV1D-43*01

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



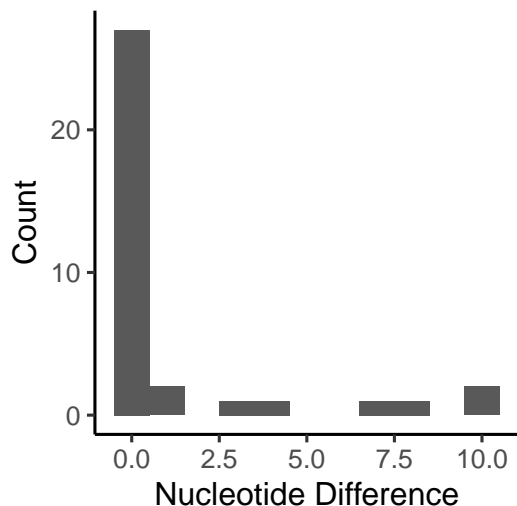
IGKV1E-12*03

48 sequences assigned
39 (81.2%) exact matches, in which:
27 unique CDR3
6 unique J



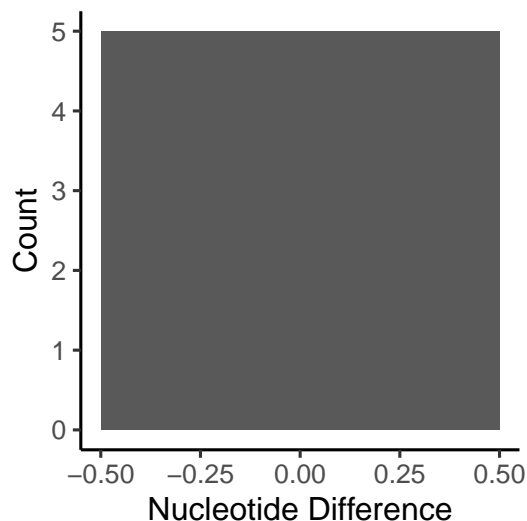
IGKV1E-13*02

35 sequences assigned
27 (77.1%) exact matches, in which:
25 unique CDR3
5 unique J



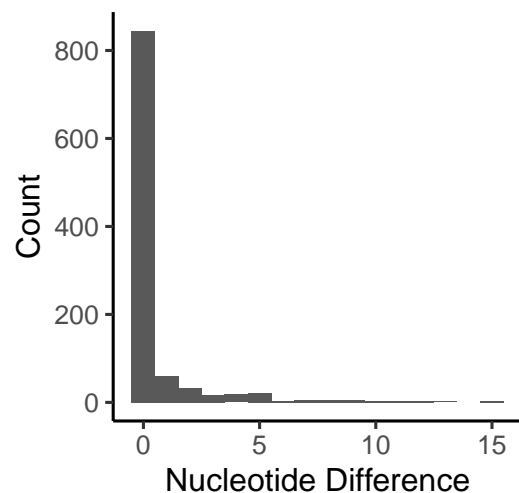
IGKV6E-21*02

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



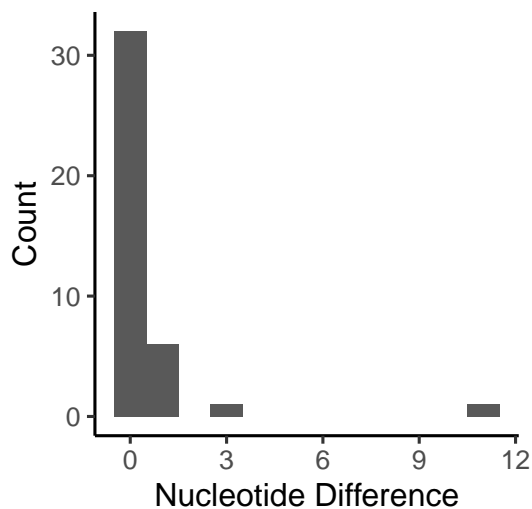
IGKV1E-33*01

1030 sequences assigned
845 (82%) exact matches, in which:
530 unique CDR3
6 unique J



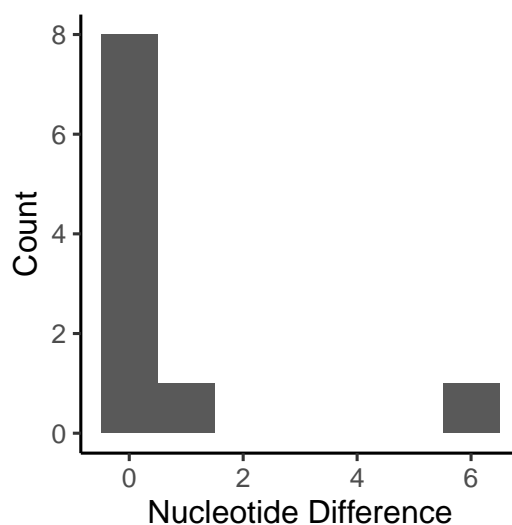
IGKV1E-13*03

40 sequences assigned
32 (80%) exact matches, in which:
26 unique CDR3
6 unique J



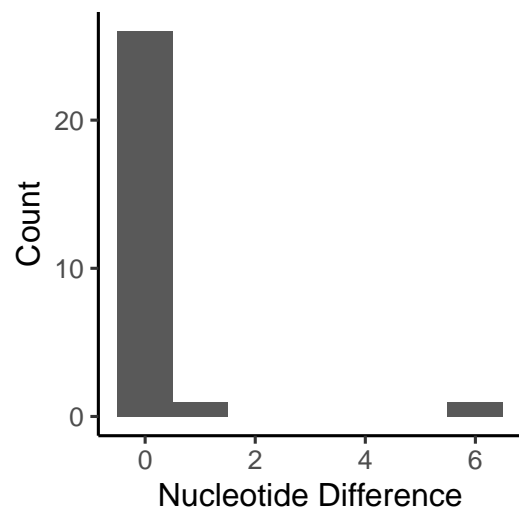
IGKV6E-21*03

10 sequences assigned
8 (80%) exact matches, in which:
8 unique CDR3
5 unique J



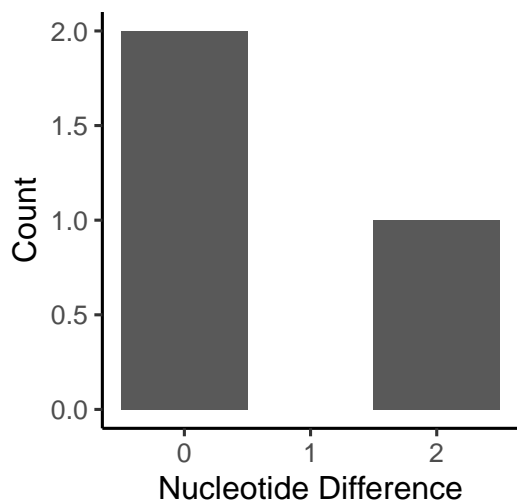
IGKV1E-37*01

28 sequences assigned
26 (92.9%) exact matches, in which:
26 unique CDR3
6 unique J



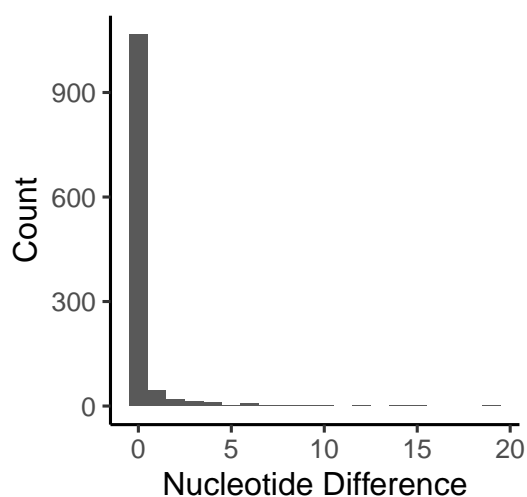
IGKV6E-21*01

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



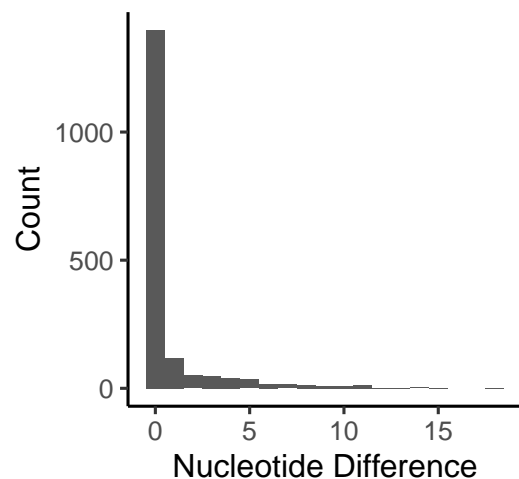
IGKV2E-28*01

1174 sequences assigned
1067 (90.9%) exact matches, in which:
717 unique CDR3
6 unique J



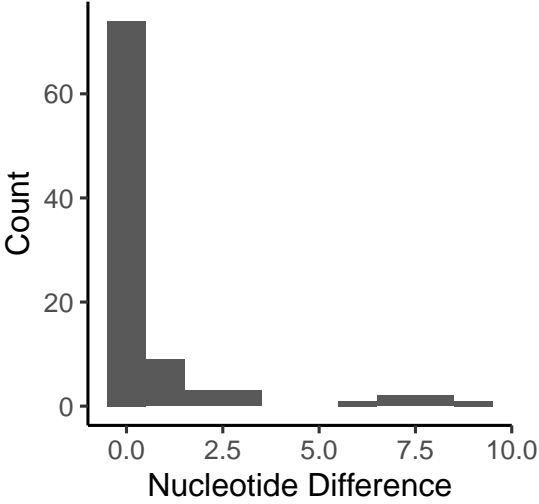
IGKV1E-39*01

1773 sequences assigned
1398 (78.8%) exact matches, in which:
857 unique CDR3
6 unique J

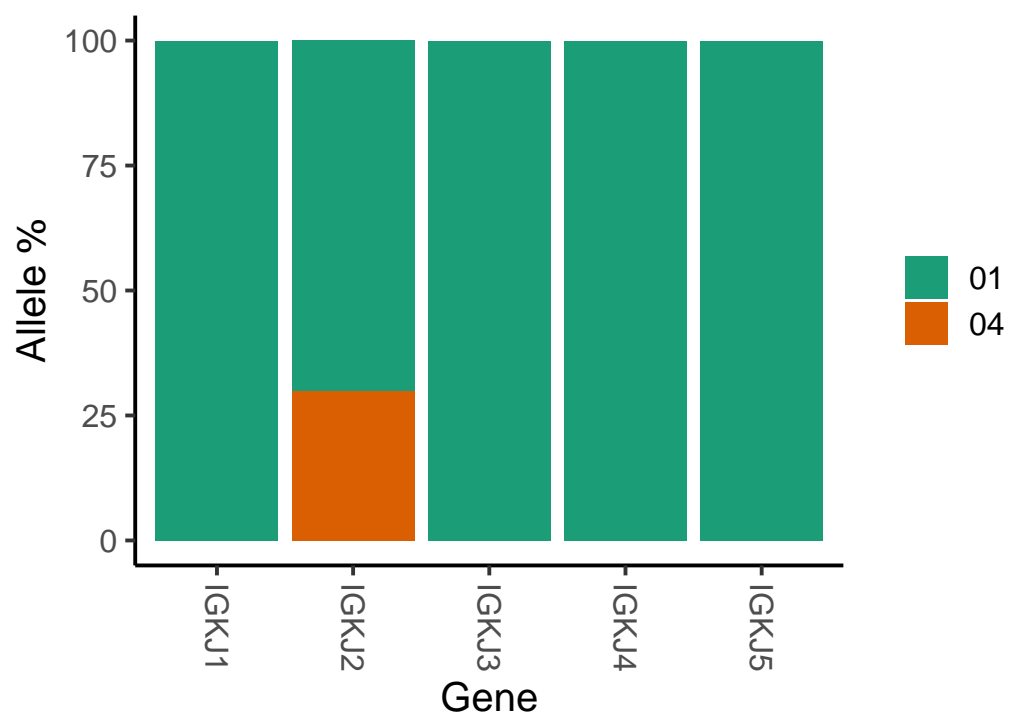


IGKV2E-40*01

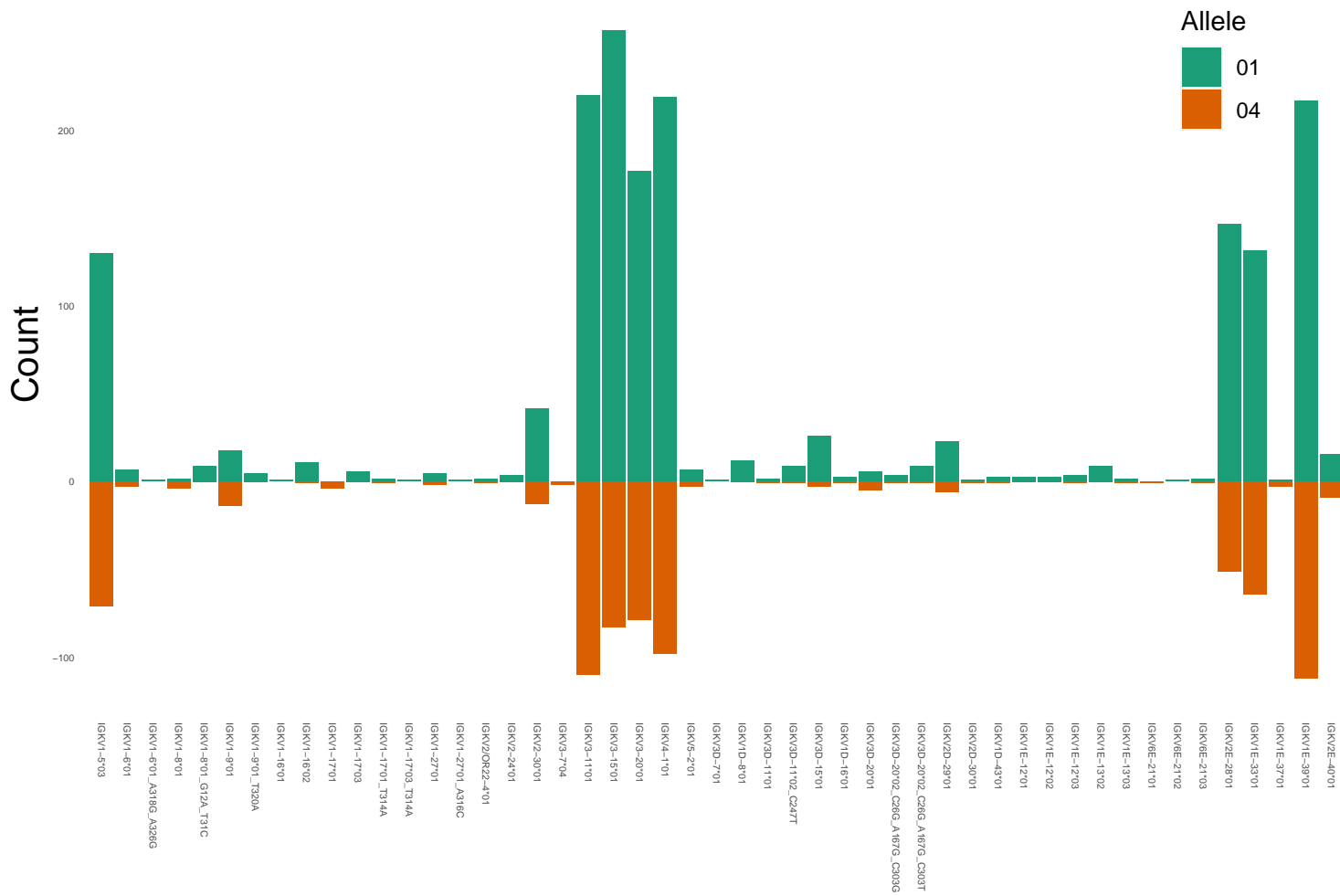
95 sequences assigned
74 (77.9%) exact matches, in which:
59 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.