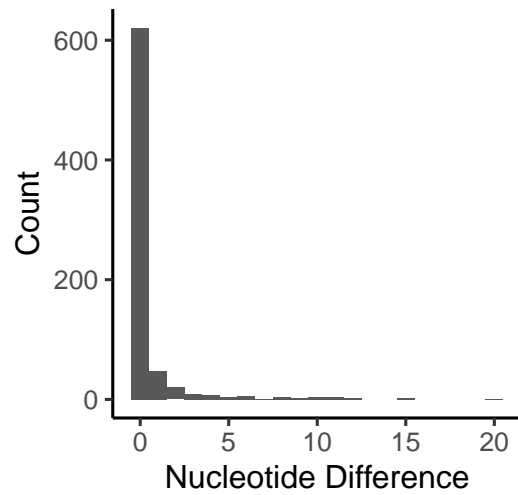


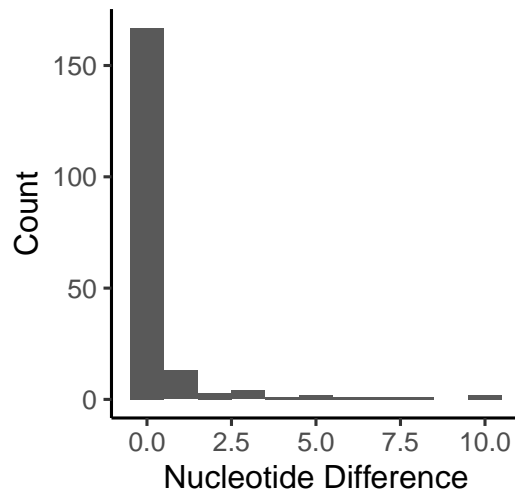
IGKV1–5*03

734 sequences assigned
621 (84.6%) exact matches, in which:
540 unique CDR3
6 unique J



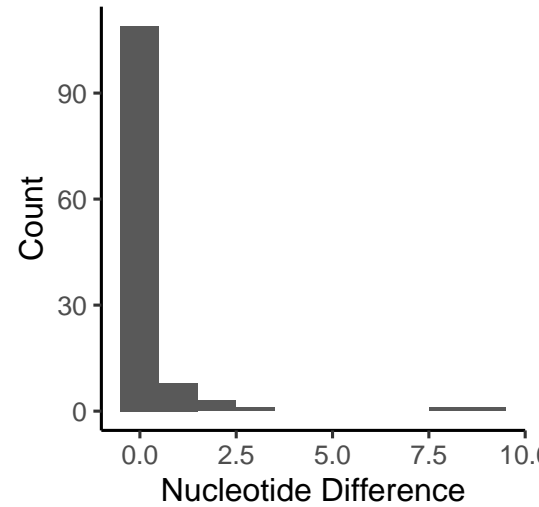
IGKV1–9*01

195 sequences assigned
167 (85.6%) exact matches, in which:
145 unique CDR3
6 unique J



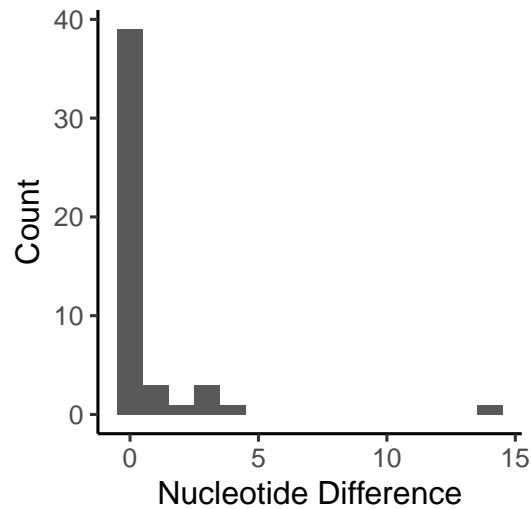
IGKV1–27*01

123 sequences assigned
109 (88.6%) exact matches, in which:
85 unique CDR3
6 unique J



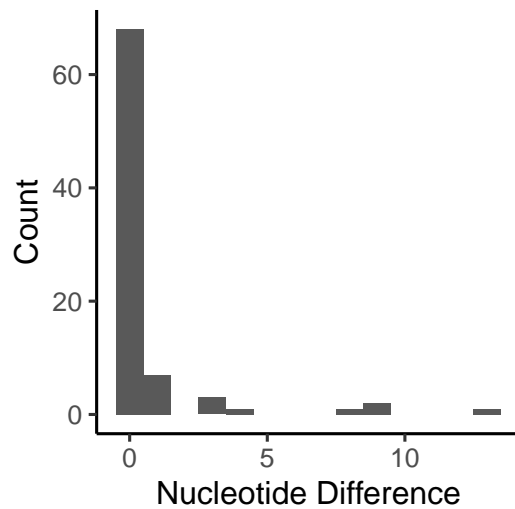
IGKV1–6*01

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



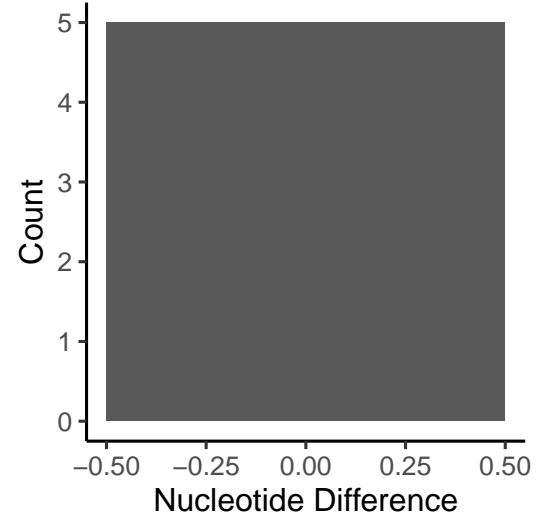
IGKV1–16*02

83 sequences assigned
68 (81.9%) exact matches, in which:
54 unique CDR3
6 unique J



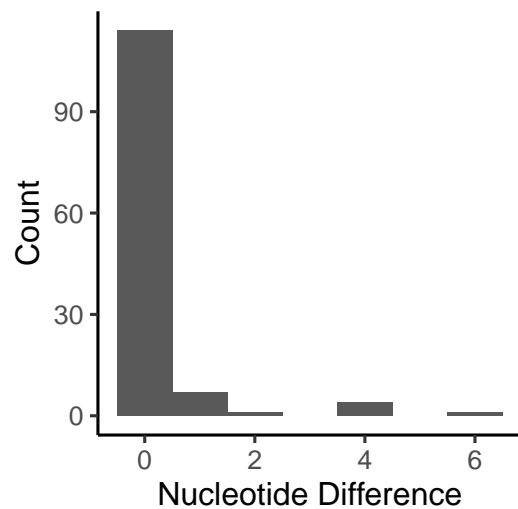
IGKV2–24*01

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



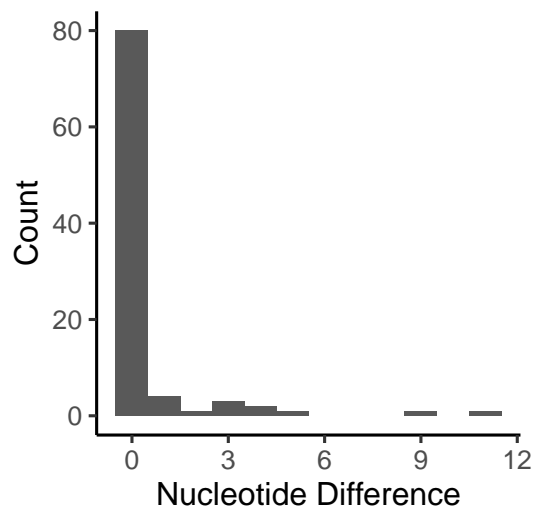
IGKV1–8*01

127 sequences assigned
114 (89.8%) exact matches, in which:
93 unique CDR3
6 unique J



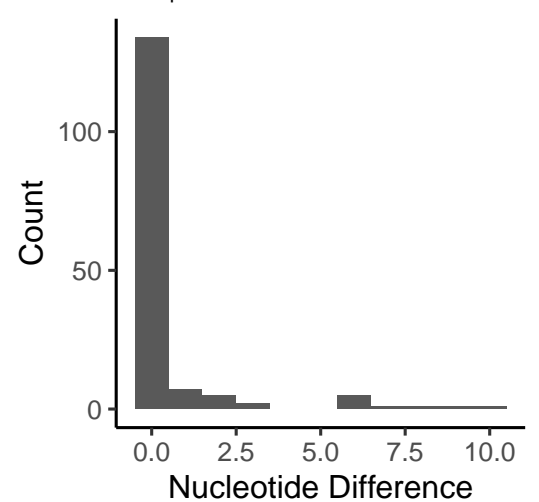
IGKV1–17*01

93 sequences assigned
80 (86%) exact matches, in which:
63 unique CDR3
6 unique J



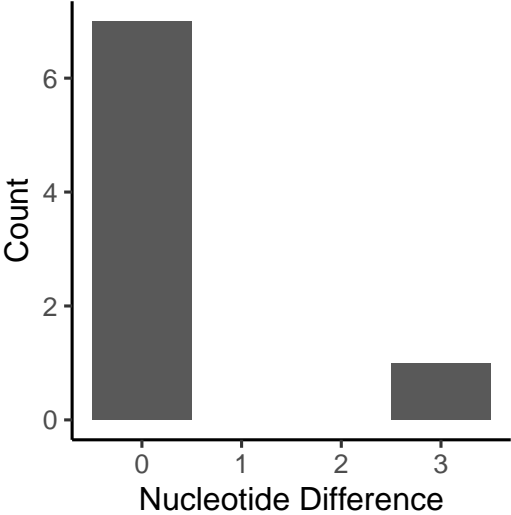
IGKV2–30*01

157 sequences assigned
134 (85.4%) exact matches, in which:
115 unique CDR3
6 unique J



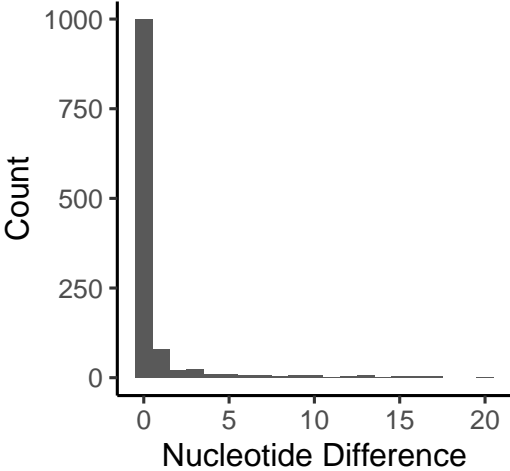
IGKV3-7*04

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



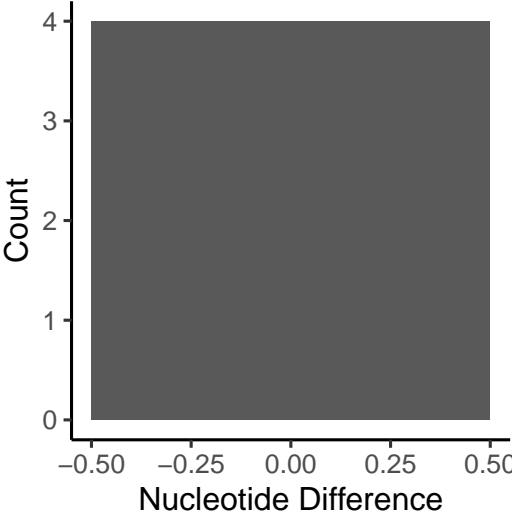
IGKV3-20*01

1205 sequences assigned
999 (82.9%) exact matches, in which:
773 unique CDR3
6 unique J



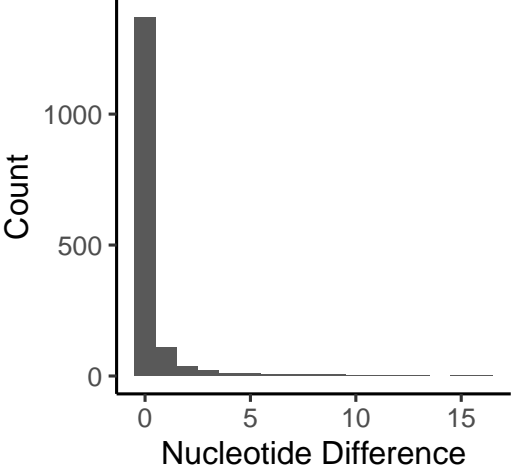
IGKV3D-7*01

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



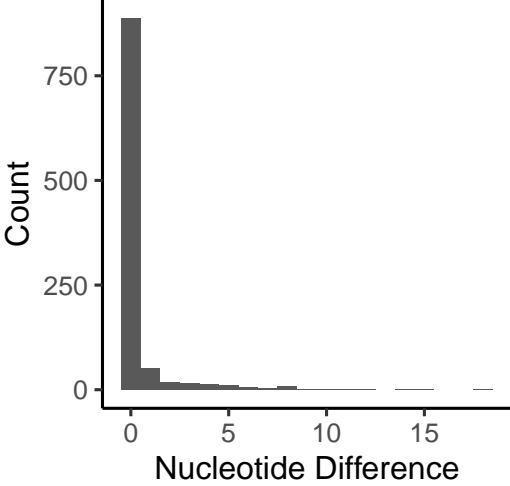
IGKV3-11*01

1581 sequences assigned
1368 (86.5%) exact matches, in which:
1037 unique CDR3
6 unique J



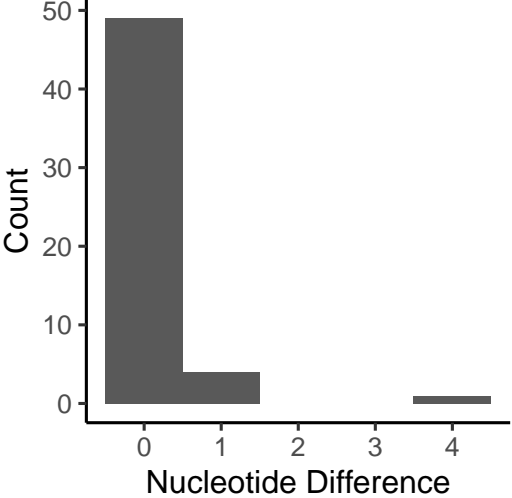
IGKV4-1*01

1022 sequences assigned
888 (86.9%) exact matches, in which:
640 unique CDR3
6 unique J



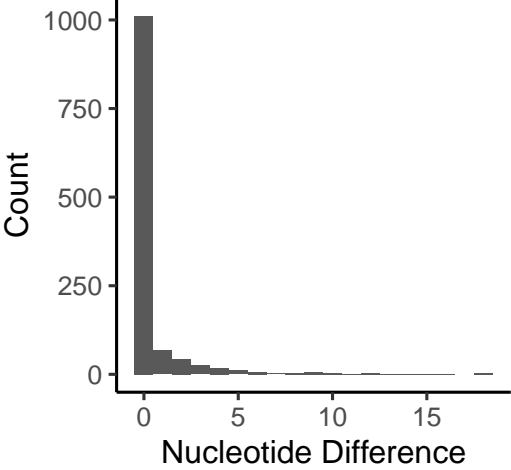
IGKV1D-8*01

54 sequences assigned
49 (90.7%) exact matches, in which:
37 unique CDR3
6 unique J



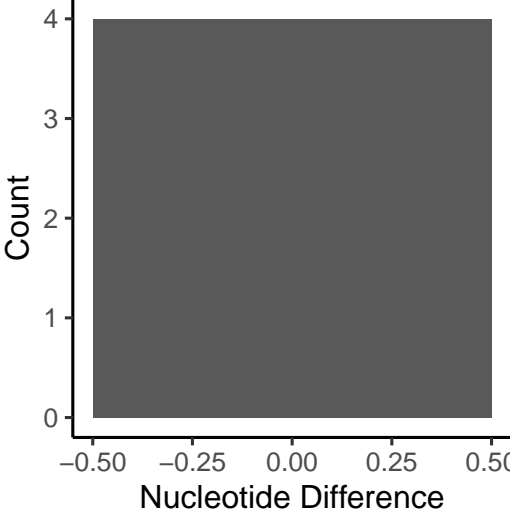
IGKV3-15*01

1208 sequences assigned
1011 (83.7%) exact matches, in which:
785 unique CDR3
6 unique J



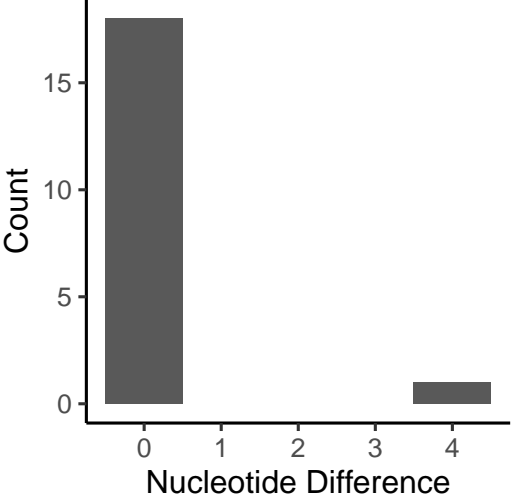
IGKV5-2*01

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



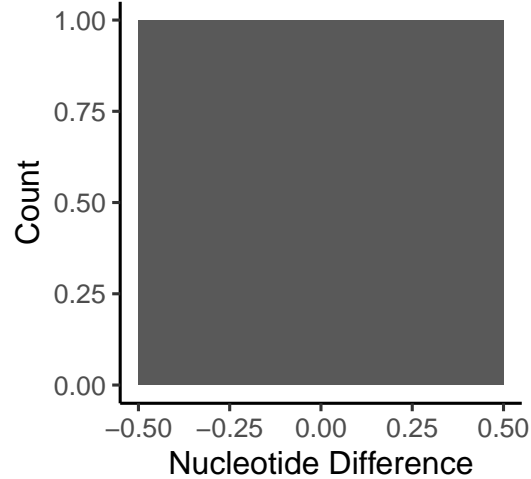
IGKV3D-11*01

19 sequences assigned
18 (94.7%) exact matches, in which:
16 unique CDR3
3 unique J



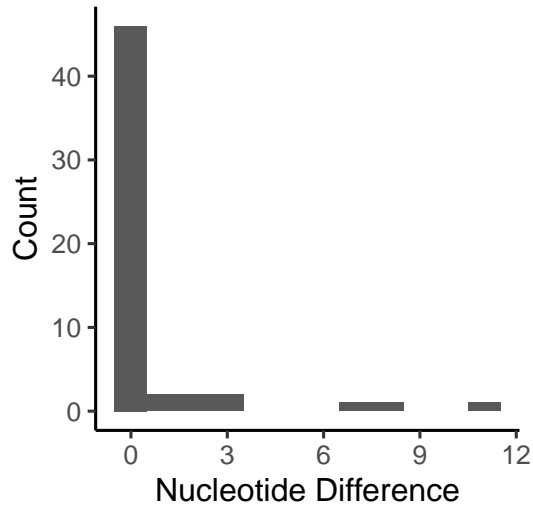
IGKV3D-11*02_A109G_1

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



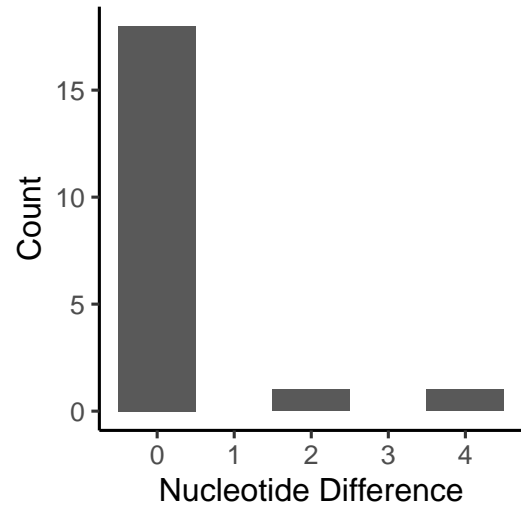
IGKV3D-20*01

55 sequences assigned
46 (83.6%) exact matches, in which:
41 unique CDR3
6 unique J



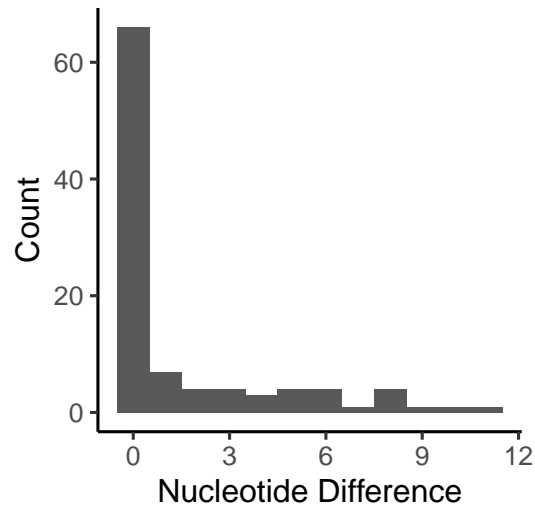
IGKV2D-30*01

20 sequences assigned
18 (90%) exact matches, in which:
17 unique CDR3
5 unique J



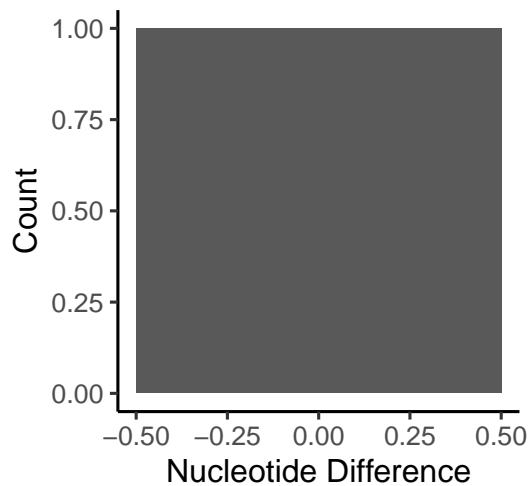
IGKV3D-15*01

101 sequences assigned
66 (65.3%) exact matches, in which:
59 unique CDR3
6 unique J



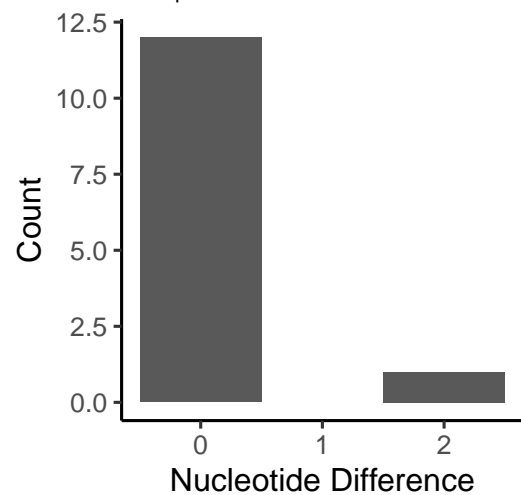
IGKV2D-26*03

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



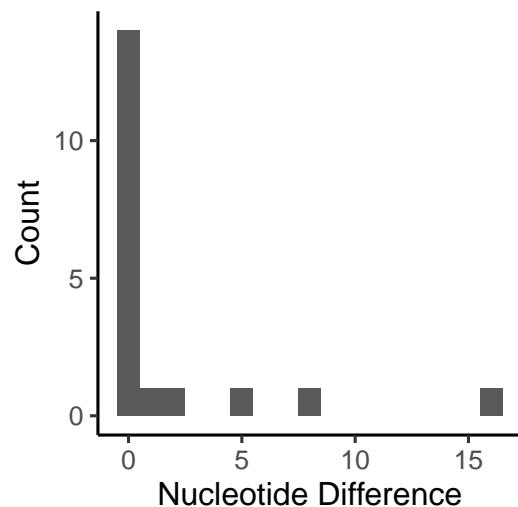
IGKV1D-43*01

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



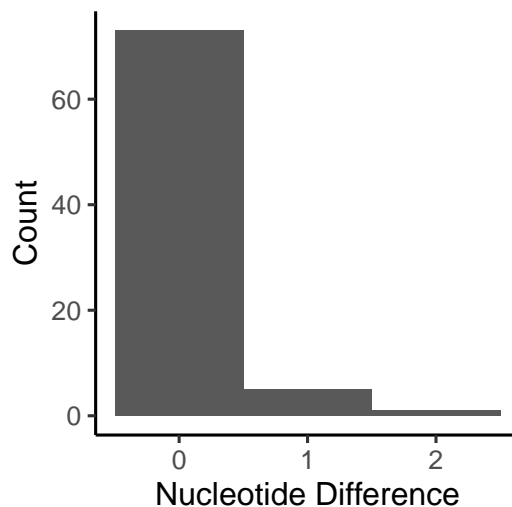
IGKV1D-16*01

20 sequences assigned
14 (70%) exact matches, in which:
14 unique CDR3
4 unique J



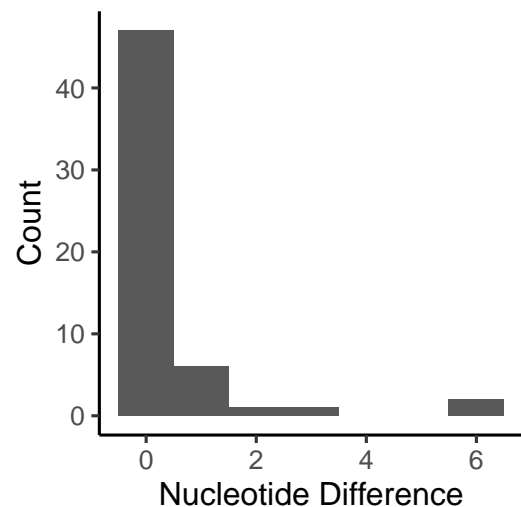
IGKV2D-29*01

79 sequences assigned
73 (92.4%) exact matches, in which:
62 unique CDR3
6 unique J



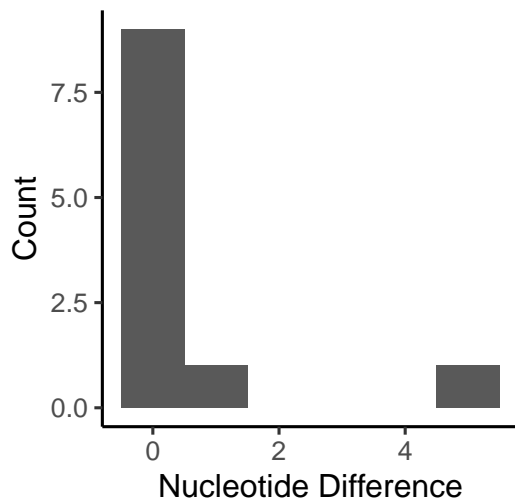
IGKV1E-12*01

57 sequences assigned
47 (82.5%) exact matches, in which:
34 unique CDR3
6 unique J



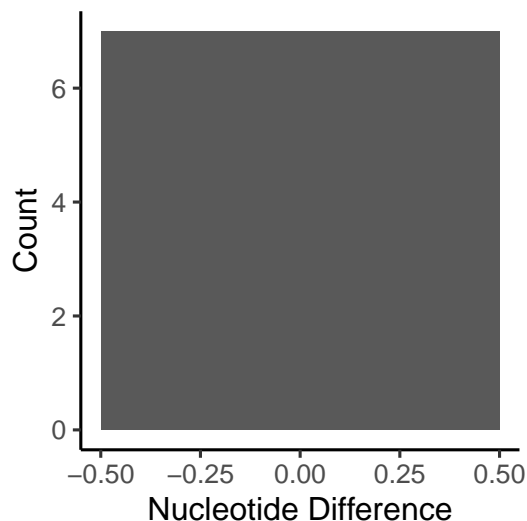
IGKV1E-12*02

11 sequences assigned
9 (81.8%) exact matches, in which:
7 unique CDR3
5 unique J



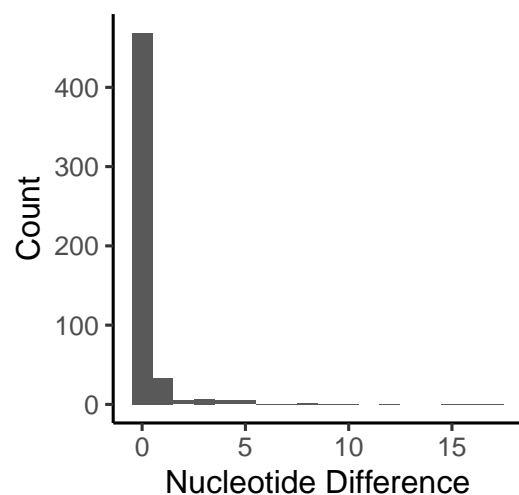
IGKV6E-21*01

7 sequences assigned
7 (100%) exact matches, in which:
7 unique CDR3
4 unique J



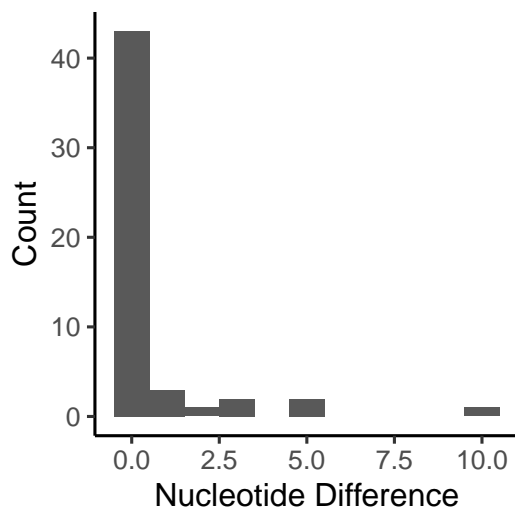
IGKV1E-33*01

535 sequences assigned
469 (87.7%) exact matches, in which:
368 unique CDR3
6 unique J



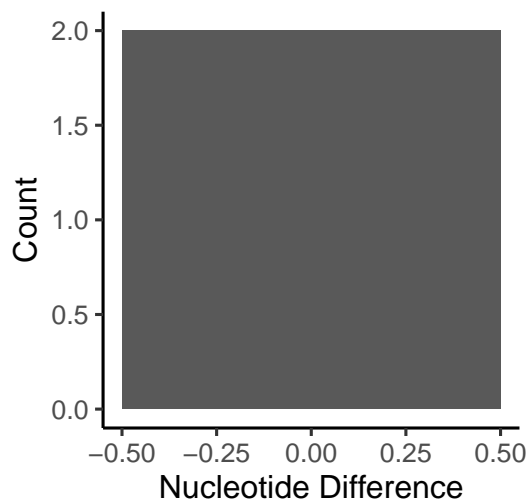
IGKV1E-12*03

52 sequences assigned
43 (82.7%) exact matches, in which:
34 unique CDR3
5 unique J



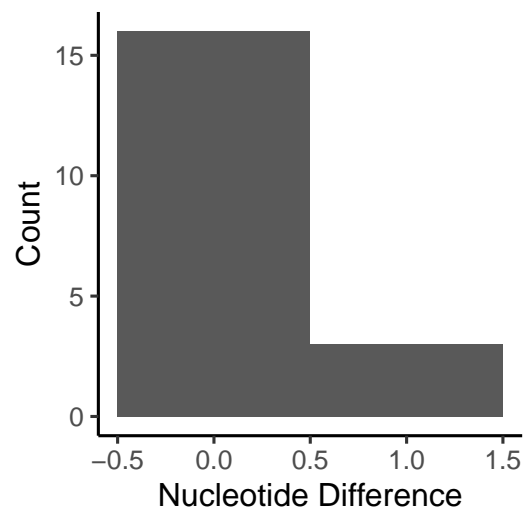
IGKV6E-21*03

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



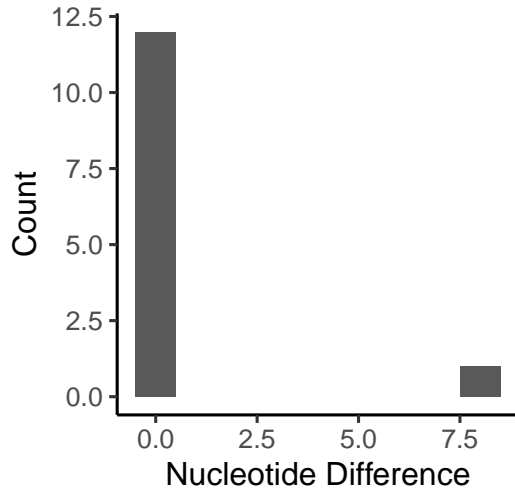
IGKV1E-37*01

19 sequences assigned
16 (84.2%) exact matches, in which:
16 unique CDR3
5 unique J



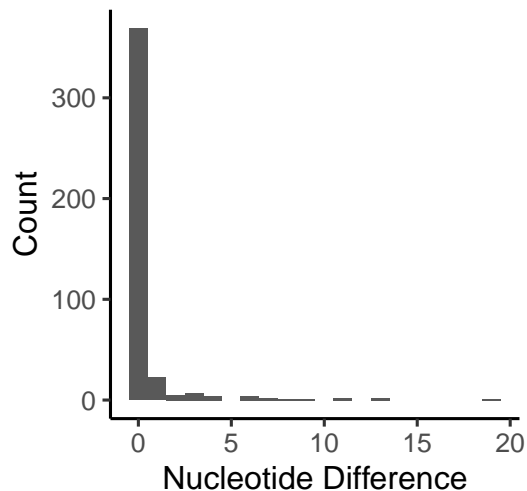
IGKV1E-13*03

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



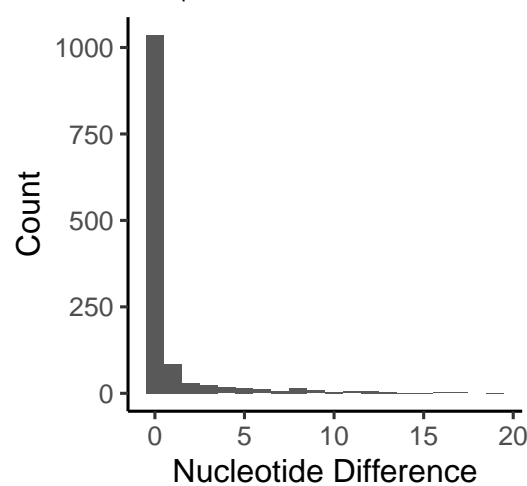
IGKV2E-28*01

421 sequences assigned
369 (87.6%) exact matches, in which:
313 unique CDR3
6 unique J



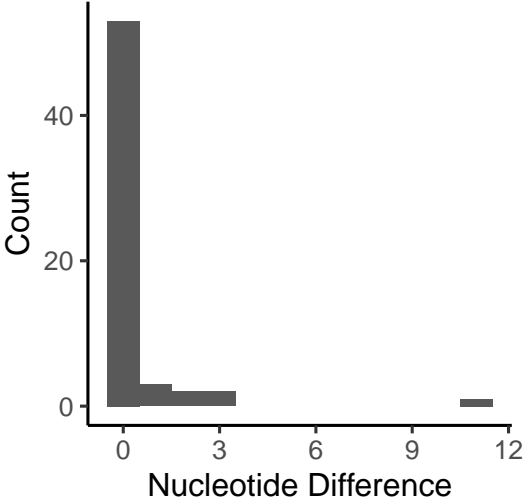
IGKV1E-39*01

1276 sequences assigned
1036 (81.2%) exact matches, in which:
755 unique CDR3
6 unique J

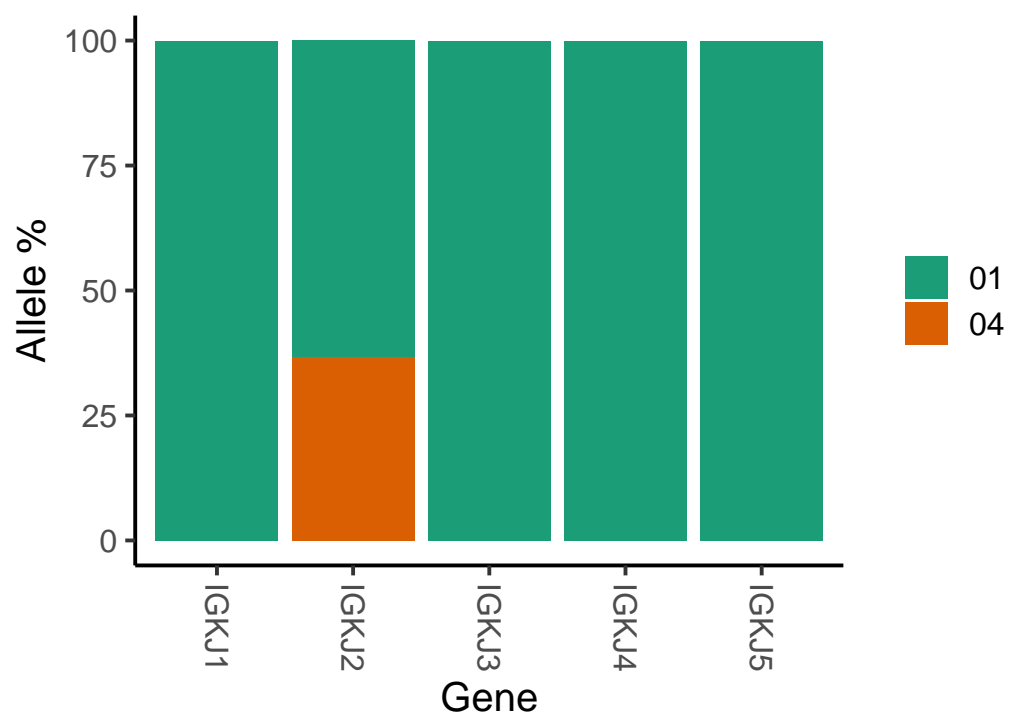


IGKV2E-40*01

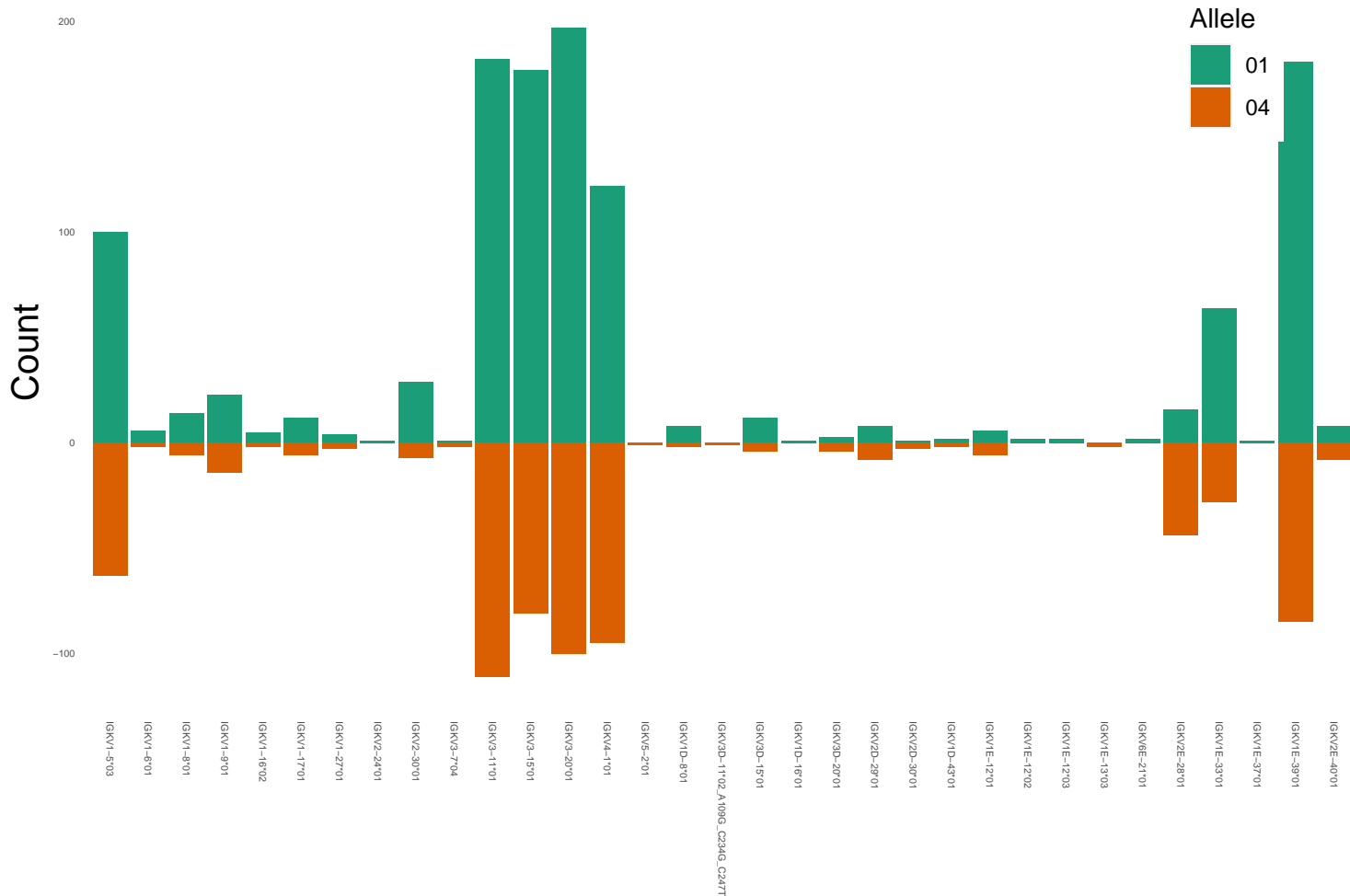
61 sequences assigned
53 (86.9%) exact matches, in which:
48 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.