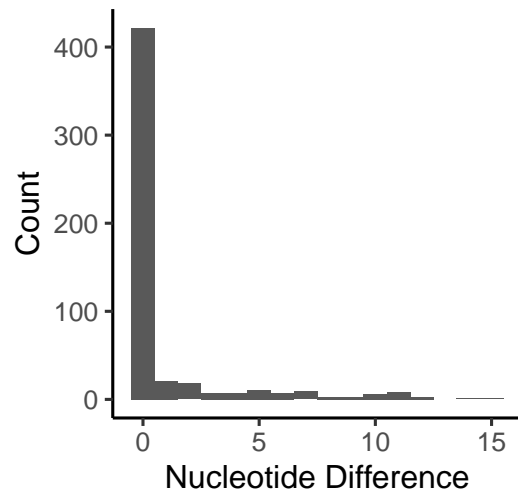


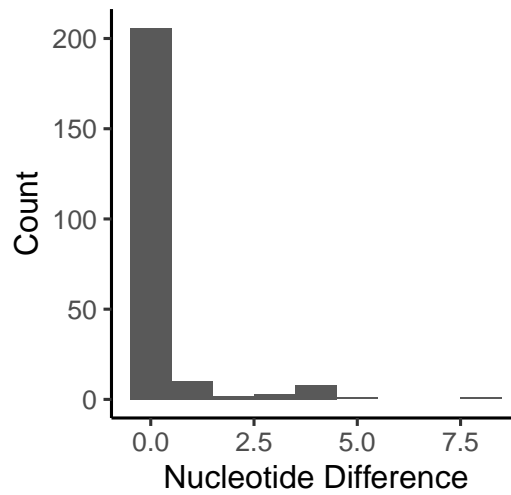
IGKV1-5*03

528 sequences assigned
422 (79.9%) exact matches, in which:
356 unique CDR3
5 unique J



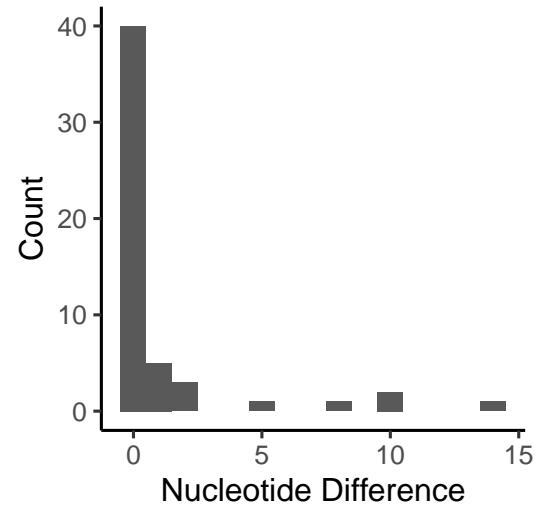
IGKV1-8*01

231 sequences assigned
206 (89.2%) exact matches, in which:
138 unique CDR3
5 unique J



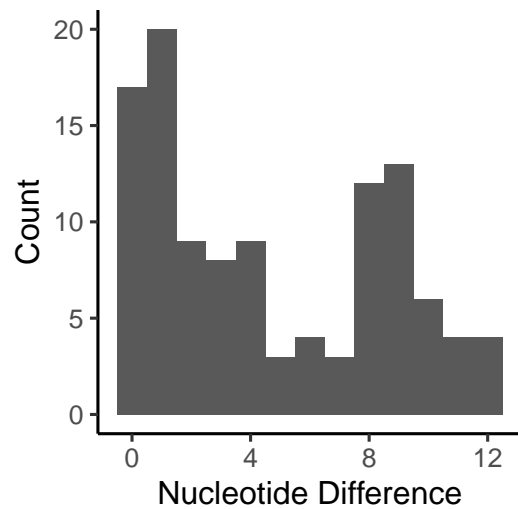
IGKV1-16*02

53 sequences assigned
40 (75.5%) exact matches, in which:
32 unique CDR3
5 unique J



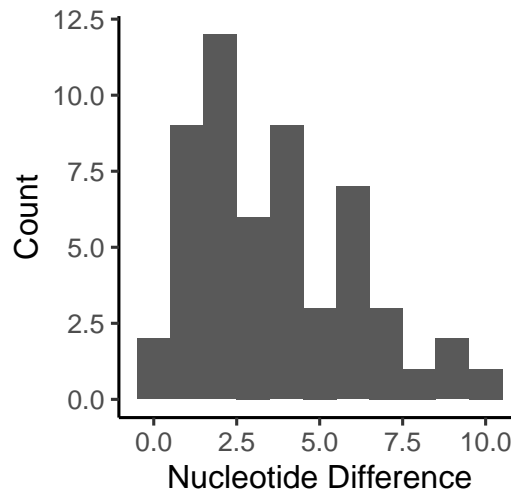
IGKV1-5*03_C312T

113 sequences assigned
17 (15%) exact matches, in which:
17 unique CDR3
4 unique J



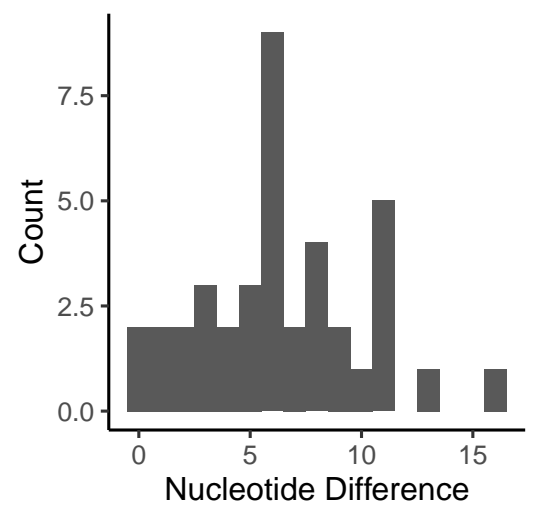
IGKV1-8*01_T277A

55 sequences assigned
2 (3.6%) exact matches, in which:
2 unique CDR3
2 unique J



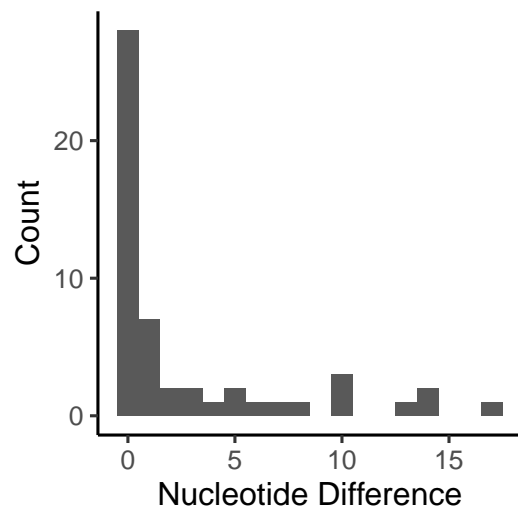
IGKV1-16*01_C312T

39 sequences assigned
2 (5.1%) exact matches, in which:
2 unique CDR3
2 unique J



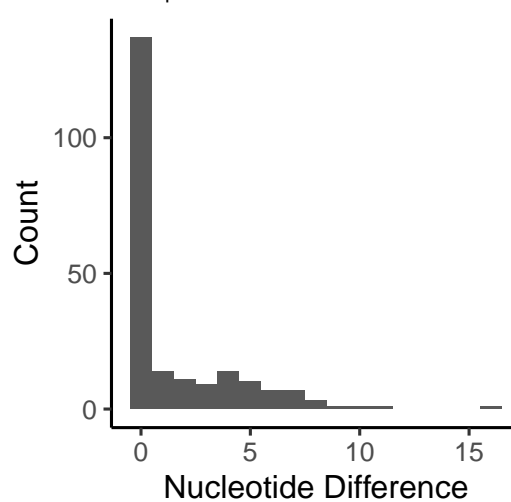
IGKV1-6*01

52 sequences assigned
28 (53.8%) exact matches, in which:
27 unique CDR3
5 unique J



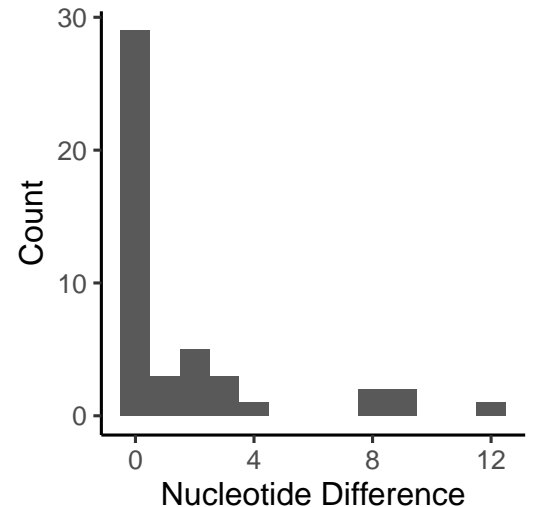
IGKV1-9*01

216 sequences assigned
137 (63.4%) exact matches, in which:
118 unique CDR3
5 unique J



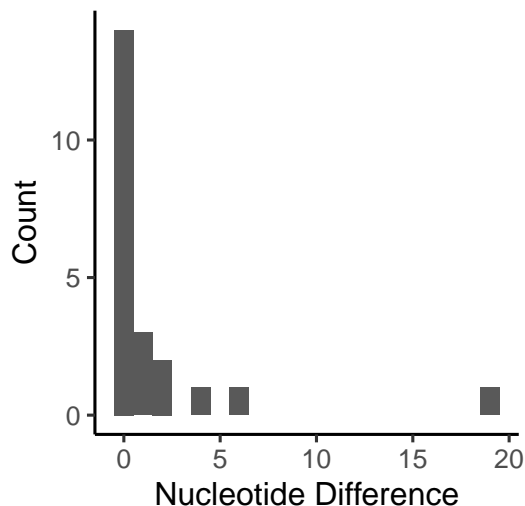
IGKV1-17*01

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



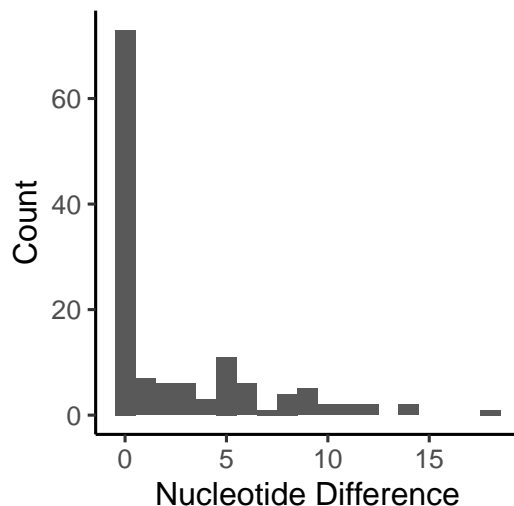
IGKV1-17*03

22 sequences assigned
14 (63.6%) exact matches, in which:
14 unique CDR3
4 unique J



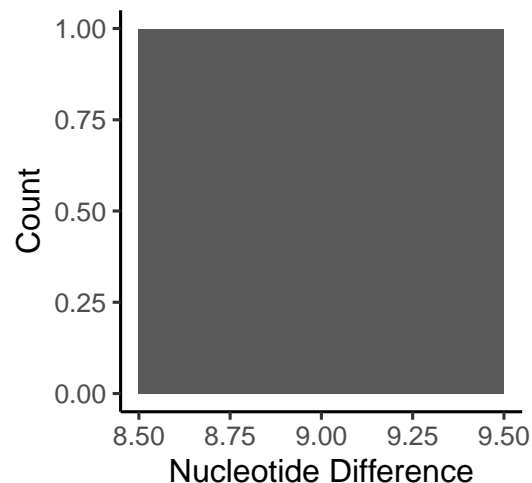
IGKV1-NL1*01

131 sequences assigned
73 (55.7%) exact matches, in which:
66 unique CDR3
5 unique J



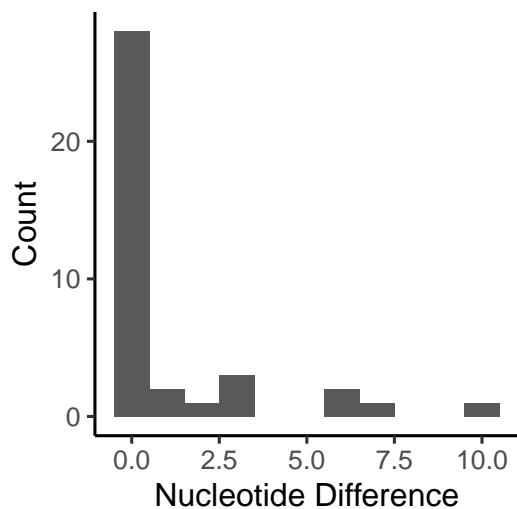
IGKV2-18*01

1 sequences assigned
No exact matches.



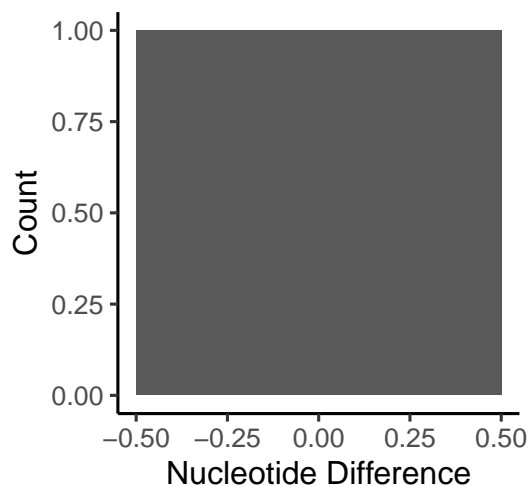
IGKV1-27*01

38 sequences assigned
28 (73.7%) exact matches, in which:
26 unique CDR3
5 unique J



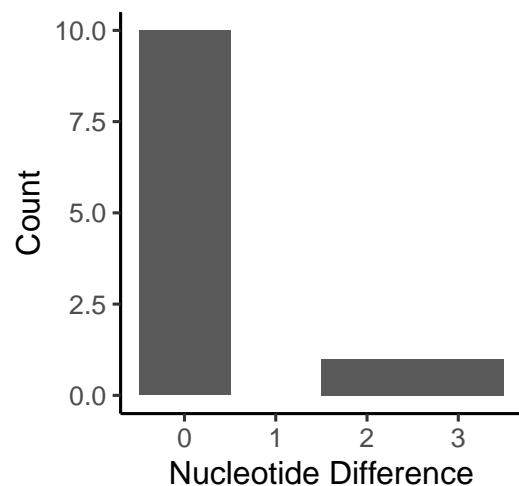
IGKV2-4*01

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



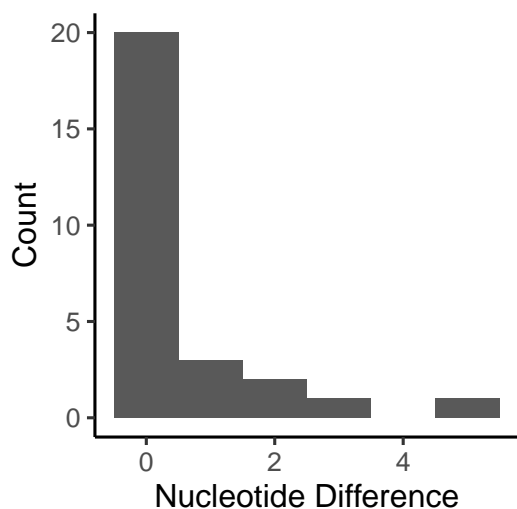
IGKV2-24*01

12 sequences assigned
10 (83.3%) exact matches, in which:
10 unique CDR3
4 unique J



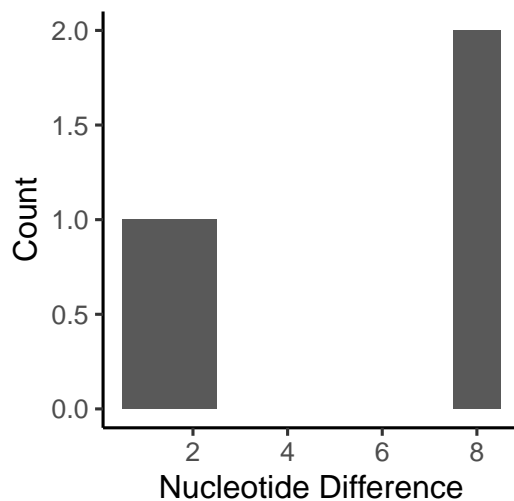
IGKV1-27*01_T231C

27 sequences assigned
20 (74.1%) exact matches, in which:
20 unique CDR3
4 unique J



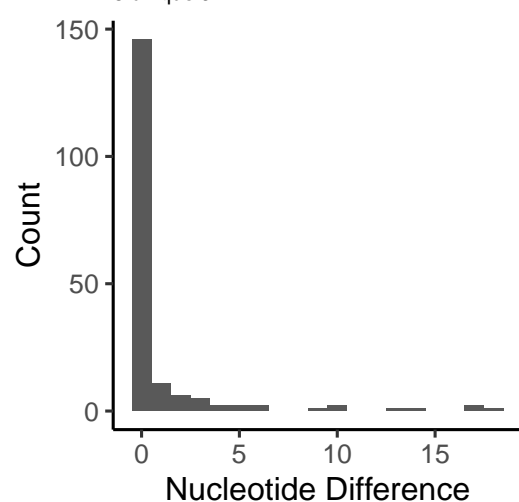
IGKV2/OR22-4*01

4 sequences assigned
No exact matches.



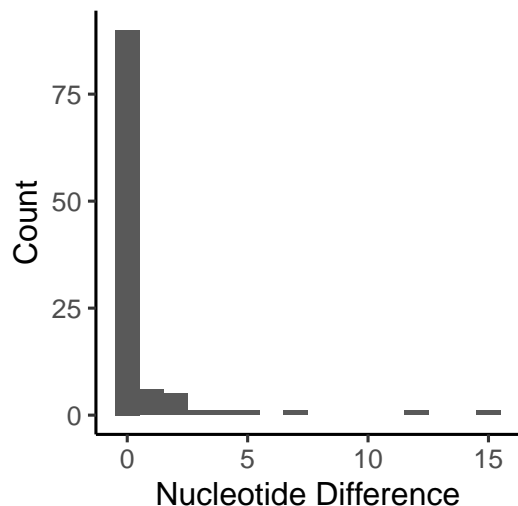
IGKV2-29*02

182 sequences assigned
146 (80.2%) exact matches, in which:
133 unique CDR3
5 unique J



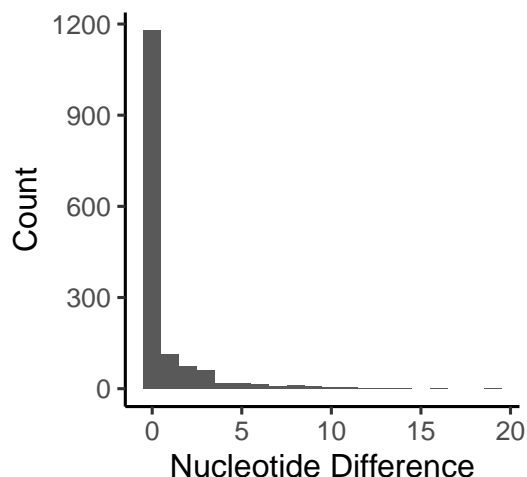
IGKV2–30*01

107 sequences assigned
90 (84.1%) exact matches, in which:
85 unique CDR3
5 unique J



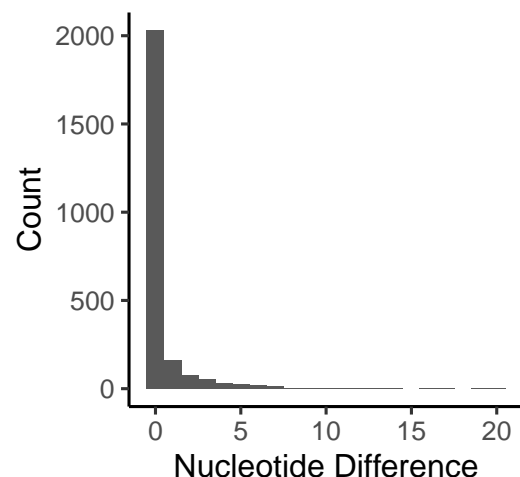
IGKV3–11*01

1521 sequences assigned
1179 (77.5%) exact matches, in which:
795 unique CDR3
5 unique J



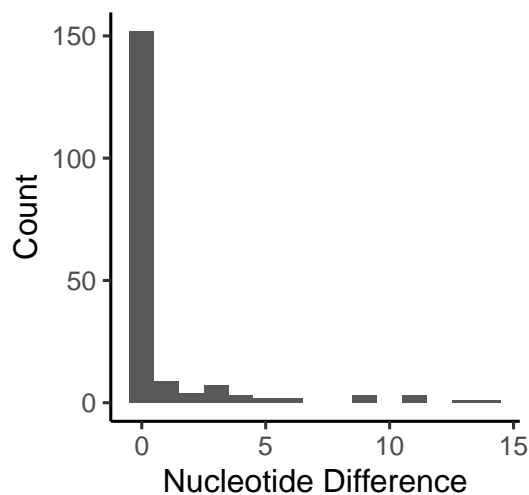
IGKV4–1*01

2439 sequences assigned
2030 (83.2%) exact matches, in which:
1108 unique CDR3
5 unique J



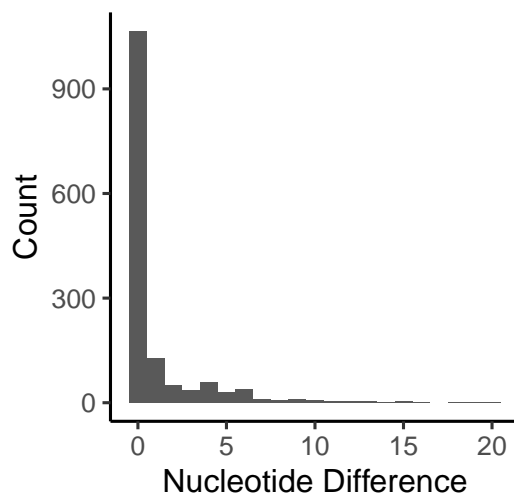
IGKV2–30*02

187 sequences assigned
152 (81.3%) exact matches, in which:
128 unique CDR3
5 unique J



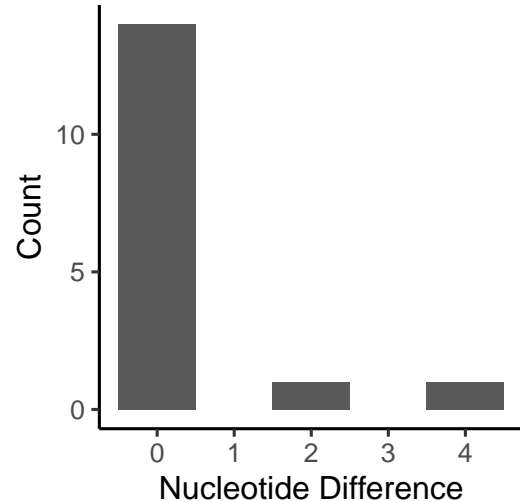
IGKV3–15*01

1464 sequences assigned
1066 (72.8%) exact matches, in which:
777 unique CDR3
5 unique J



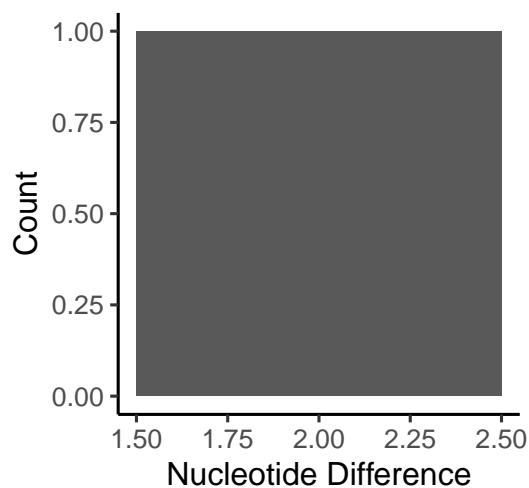
IGKV5–2*01

17 sequences assigned
14 (82.4%) exact matches, in which:
14 unique CDR3
5 unique J



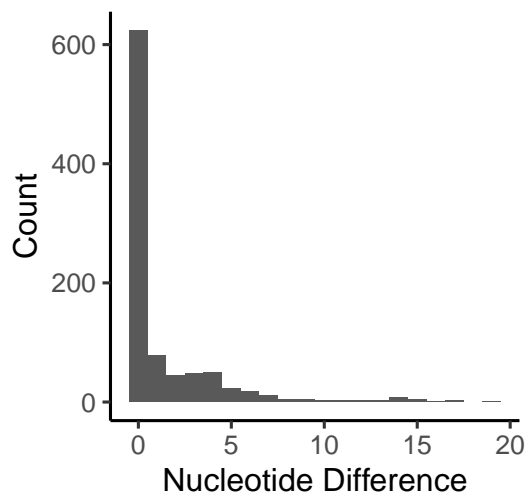
IGKV3/OR2–268*01

1 sequences assigned
No exact matches.



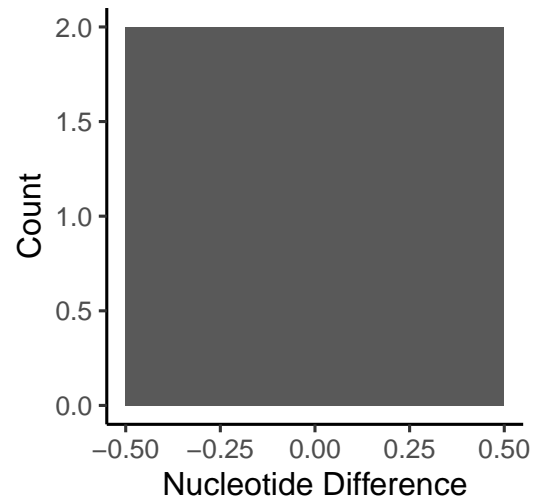
IGKV3–20*01

931 sequences assigned
624 (67%) exact matches, in which:
475 unique CDR3
5 unique J



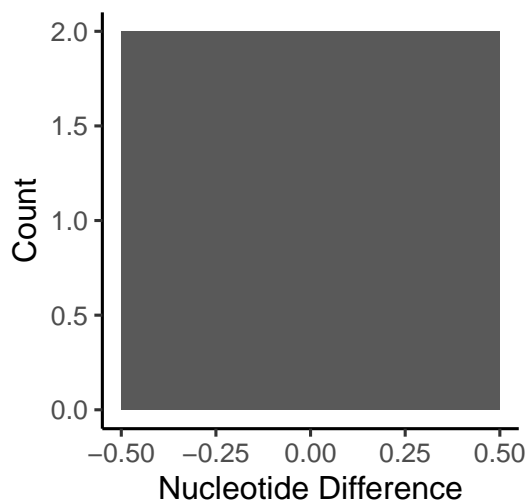
IGKV7–3*01

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



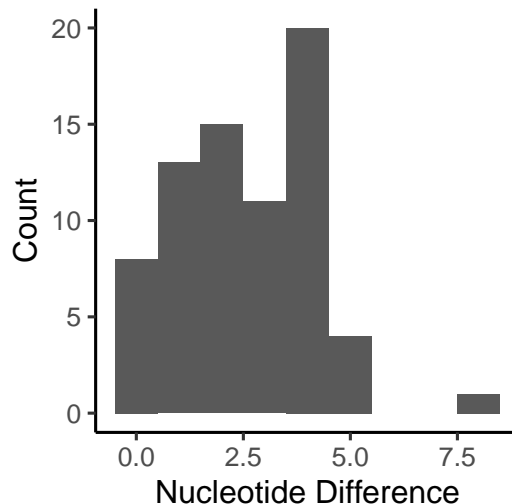
IGKV3D-7*01

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



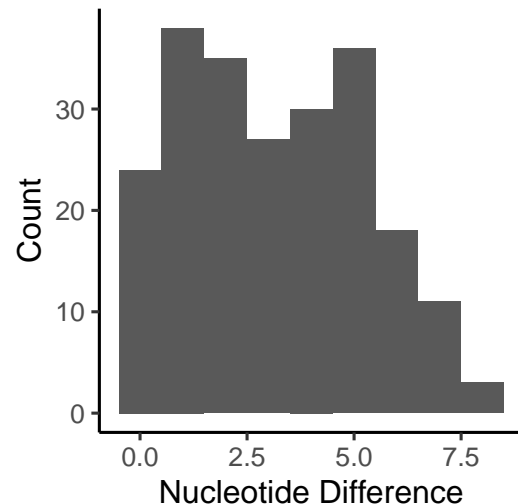
IGKV3D-11*02_C247T

72 sequences assigned
8 (11.1%) exact matches, in which:
8 unique CDR3
5 unique J



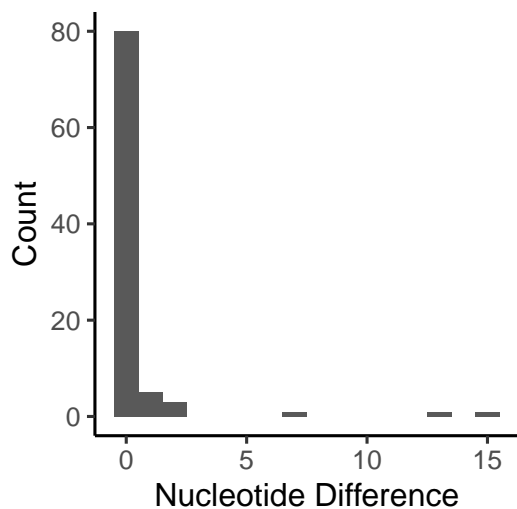
IGKV3D-15*01_G258C_C

222 sequences assigned
24 (10.8%) exact matches, in which:
24 unique CDR3
4 unique J



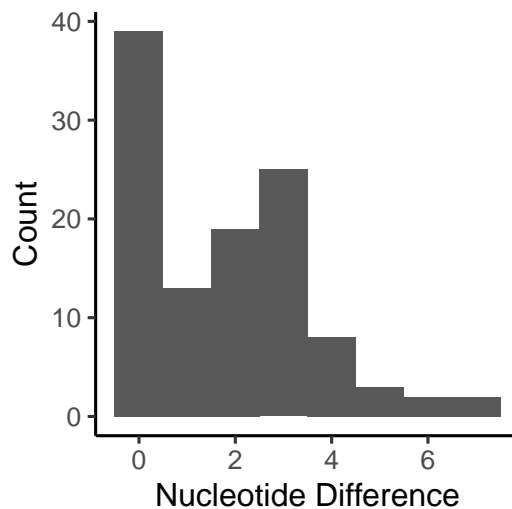
IGKV1D-8*01

91 sequences assigned
80 (87.9%) exact matches, in which:
57 unique CDR3
5 unique J



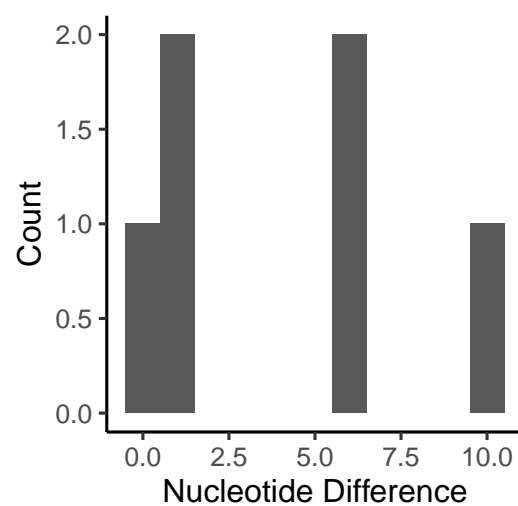
IGKV3D-11*02_T6A_T10/

111 sequences assigned
39 (35.1%) exact matches, in which:
37 unique CDR3
5 unique J



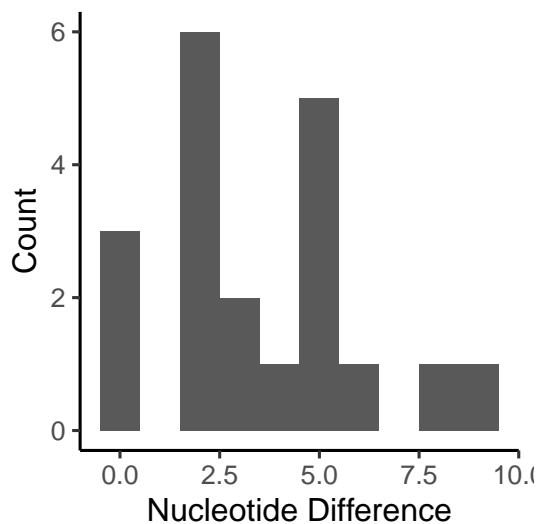
IGKV1D-16*01

6 sequences assigned
1 (16.7%) exact matches, in which:
1 unique CDR3
1 unique J



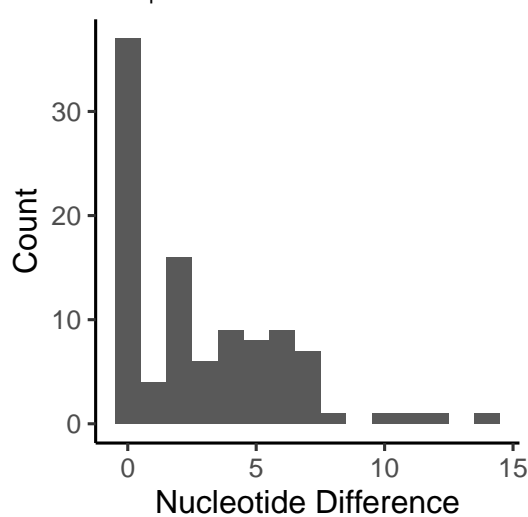
IGKV1D-8*03

20 sequences assigned
3 (15%) exact matches, in which:
3 unique CDR3
2 unique J



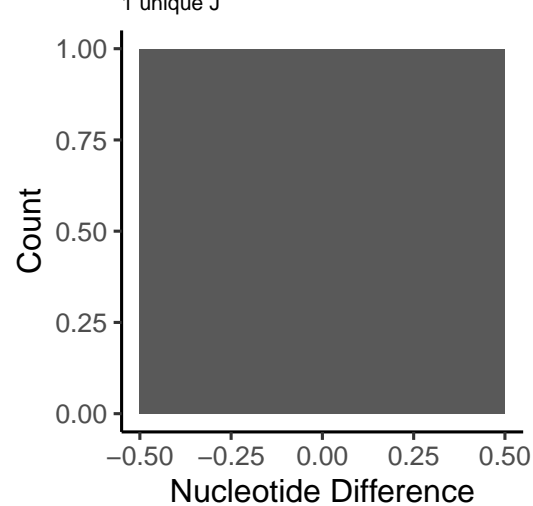
IGKV3D-15*01

101 sequences assigned
37 (36.6%) exact matches, in which:
33 unique CDR3
5 unique J



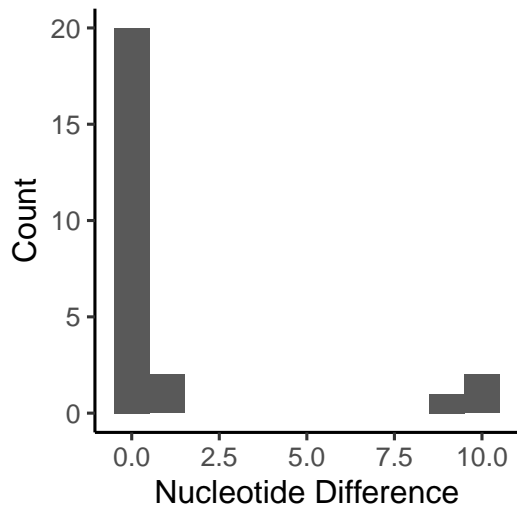
IGKV1D-17*01

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



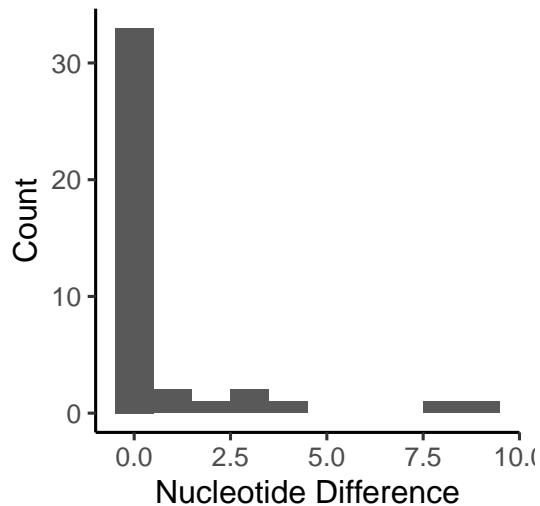
IGKV3D-20*01

25 sequences assigned
20 (80%) exact matches, in which:
17 unique CDR3
5 unique J



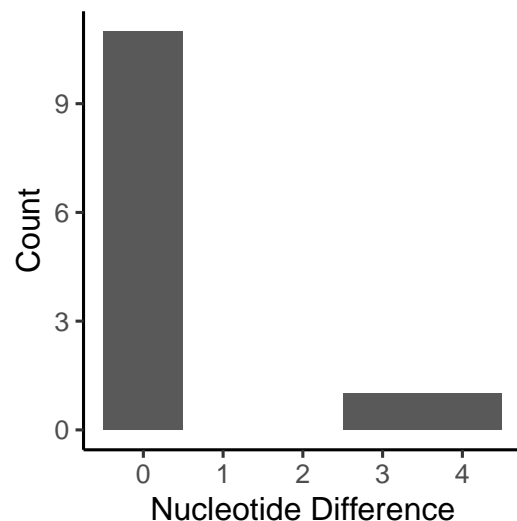
IGKV2D-29*01

41 sequences assigned
33 (80.5%) exact matches, in which:
30 unique CDR3
5 unique J



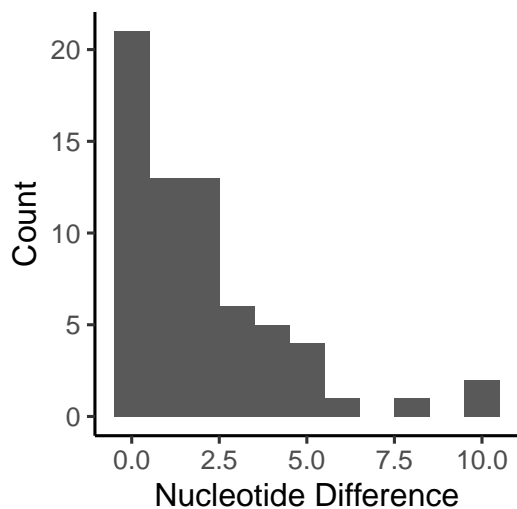
IGKV2D-30*01

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



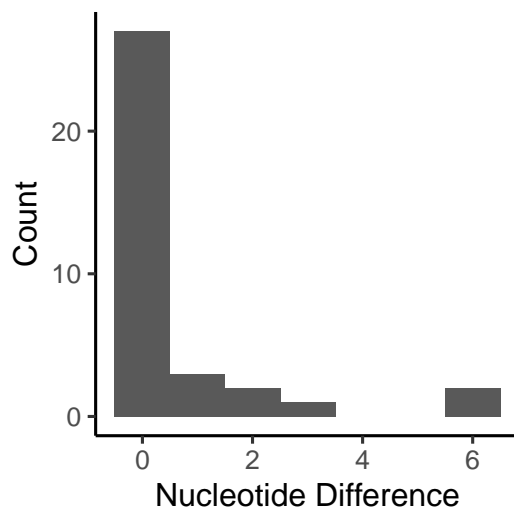
IGKV3D-20*02_C26G_A1

66 sequences assigned
21 (31.8%) exact matches, in which:
20 unique CDR3
5 unique J



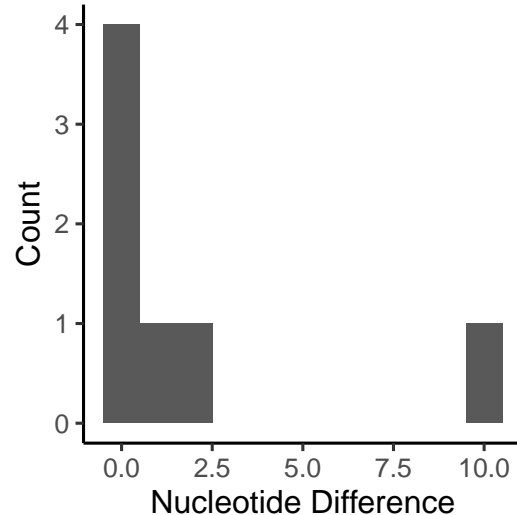
IGKV2D-29*02

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



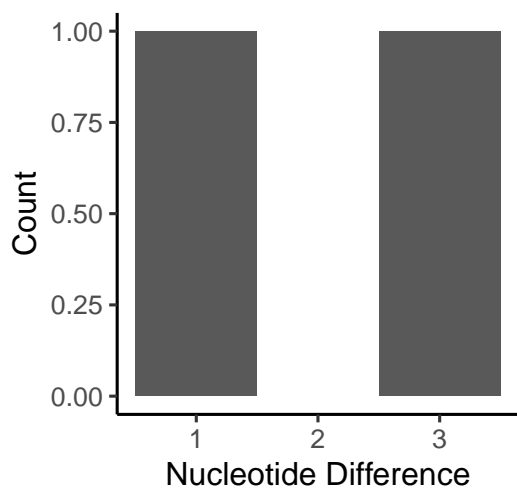
IGKV1D-43*01

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



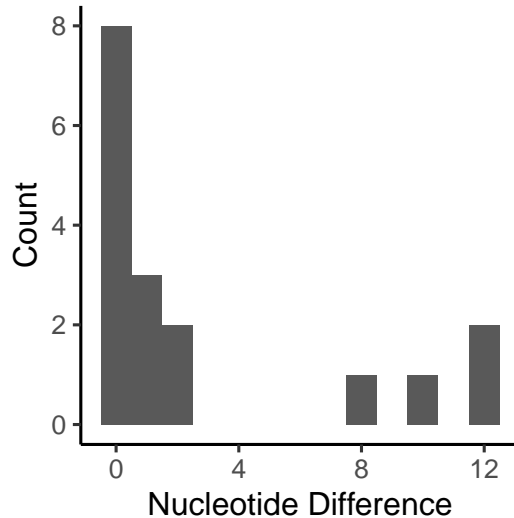
IGKV2D-26*03

2 sequences assigned
No exact matches.



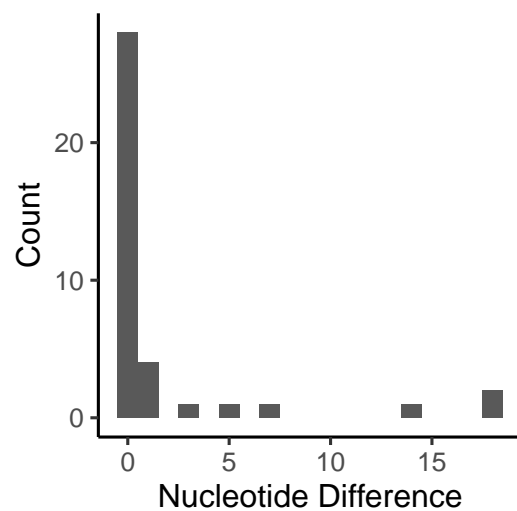
IGKV2D-29*02_A319G

17 sequences assigned
8 (47.1%) exact matches, in which:
8 unique CDR3
4 unique J



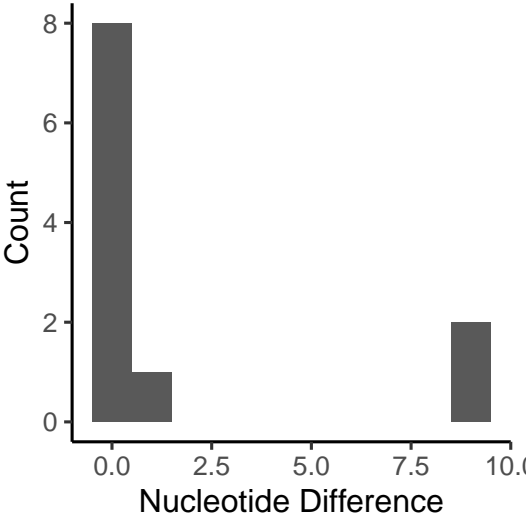
IGKV1E-12*01

38 sequences assigned
28 (73.7%) exact matches, in which:
20 unique CDR3
4 unique J



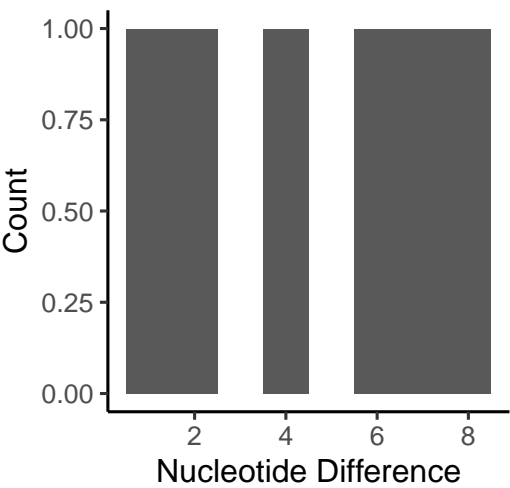
IGKV1E-12*02

11 sequences assigned
8 (72.7%) exact matches, in which:
7 unique CDR3
5 unique J



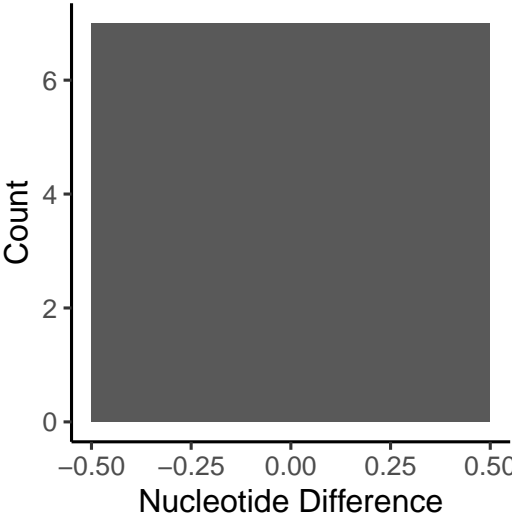
IGKV1E-13*02

6 sequences assigned
No exact matches.



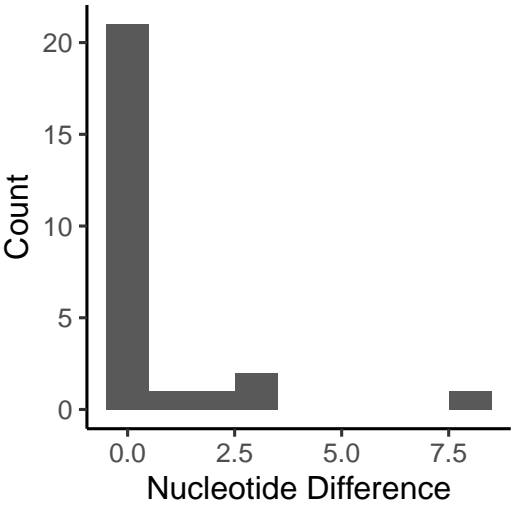
IGKV6E-21*03

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



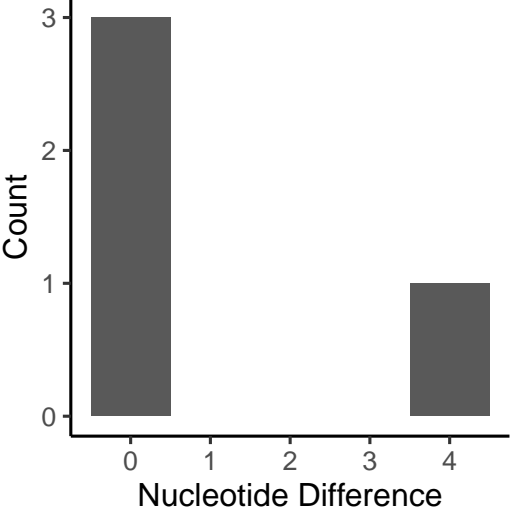
IGKV1E-12*03

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



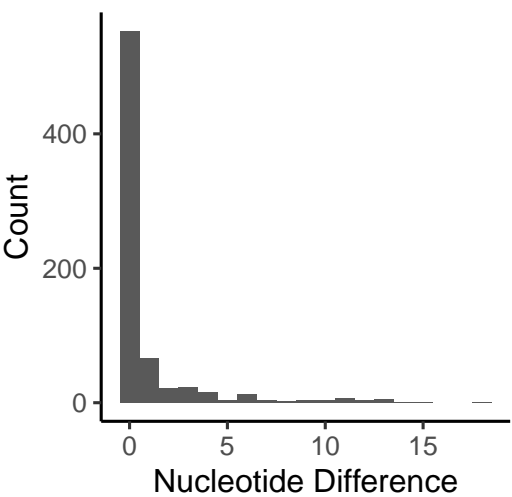
IGKV1E-13*03

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



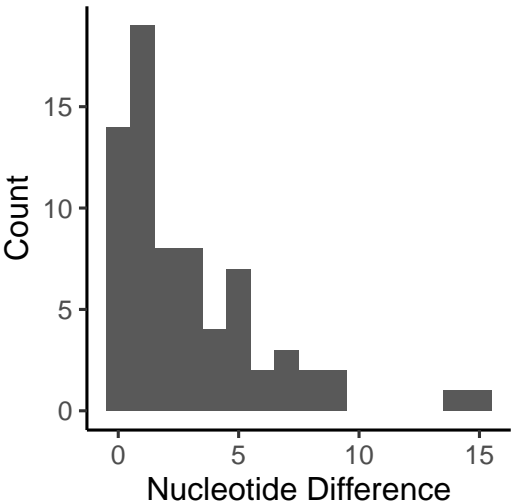
IGKV2E-28*01

727 sequences assigned
553 (76.1%) exact matches, in which:
417 unique CDR3
5 unique J



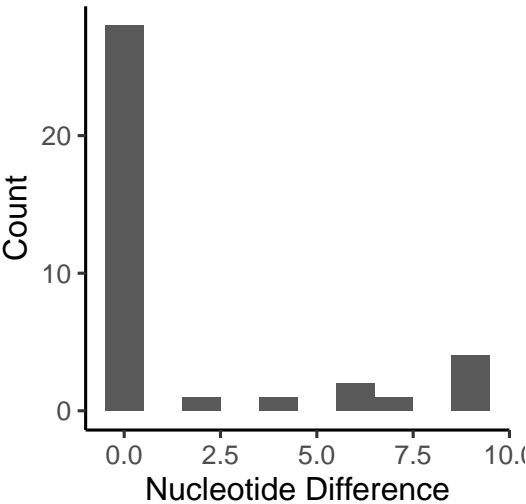
IGKV1E-12*01_T309C

71 sequences assigned
14 (19.7%) exact matches, in which:
14 unique CDR3
4 unique J



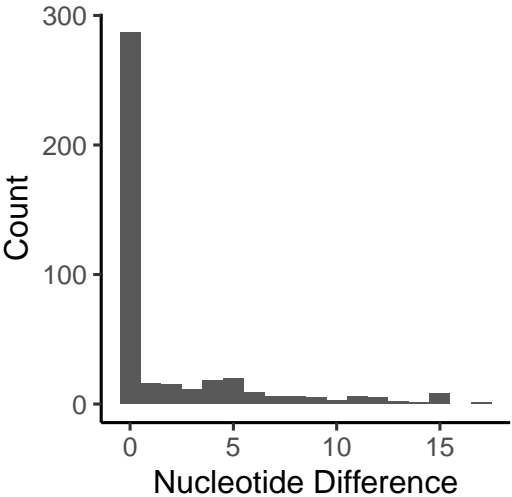
IGKV6E-21*01

37 sequences assigned
28 (75.7%) exact matches, in which:
24 unique CDR3
5 unique J



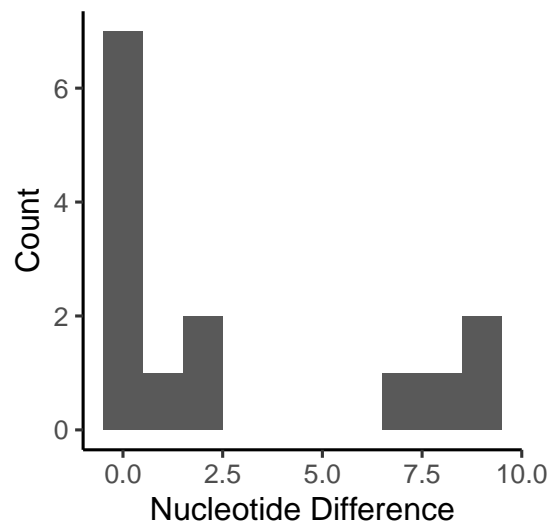
IGKV1E-33*01

419 sequences assigned
287 (68.5%) exact matches, in which:
209 unique CDR3
5 unique J



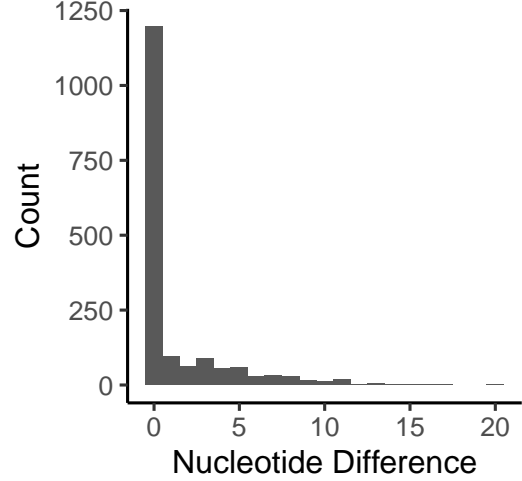
IGKV1E-37*01

14 sequences assigned
7 (50%) exact matches, in which:
7 unique CDR3
4 unique J



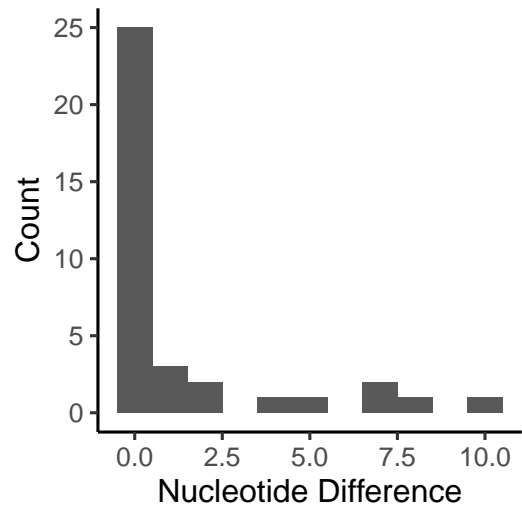
IGKV1E-39*01

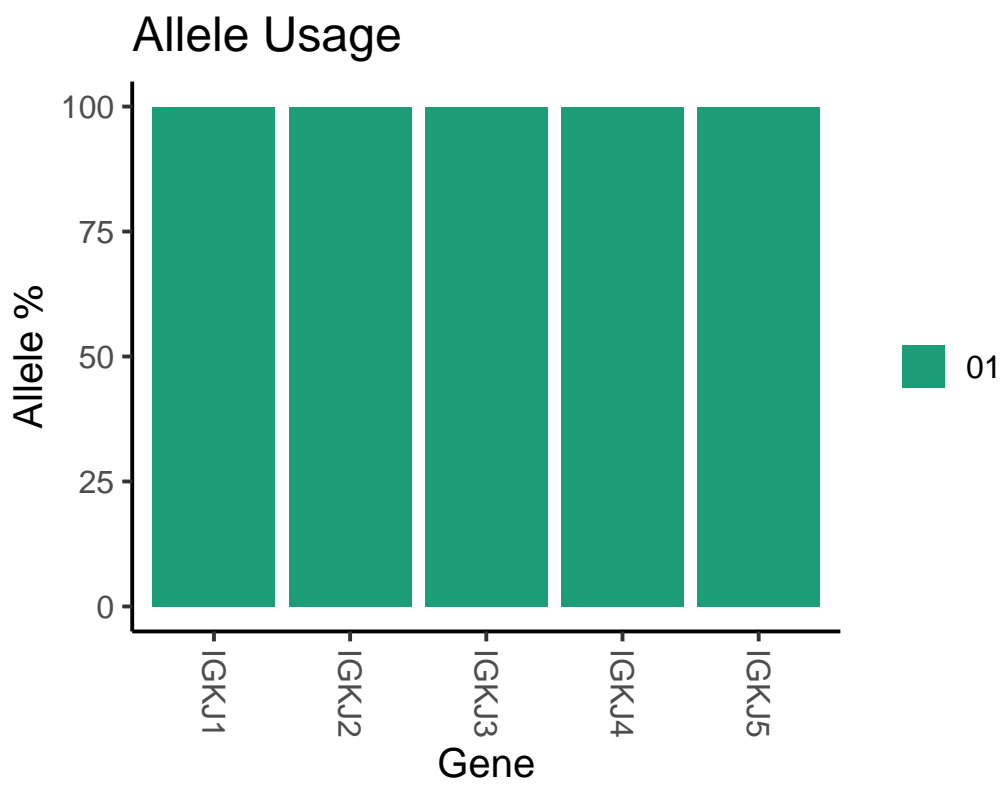
1715 sequences assigned
1196 (69.7%) exact matches, in which:
740 unique CDR3
5 unique J



IGKV2E-40*01

36 sequences assigned
25 (69.4%) exact matches, in which:
23 unique CDR3
5 unique J





Warning – no inferred sequences found.