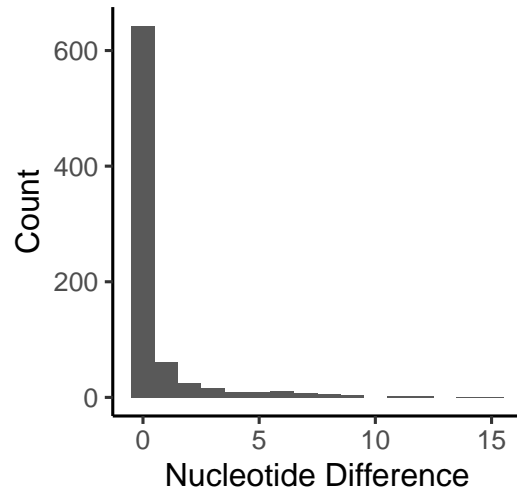


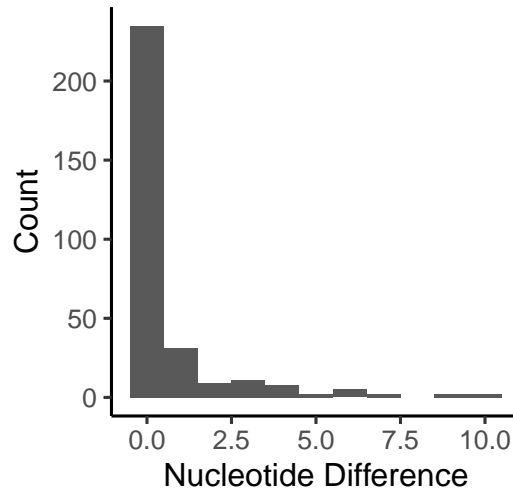
IGKV1-5*03

799 sequences assigned
643 (80.5%) exact matches, in which:
483 unique CDR3
5 unique J



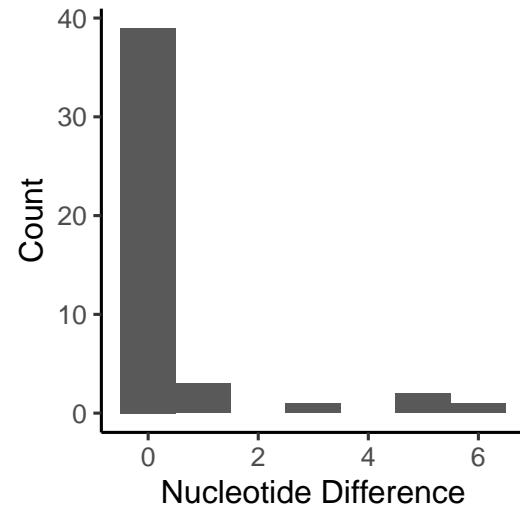
IGKV1-9*01

307 sequences assigned
235 (76.5%) exact matches, in which:
180 unique CDR3
5 unique J



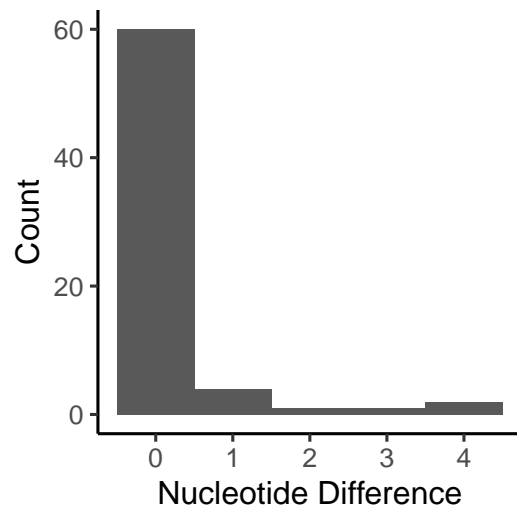
IGKV1-17*01

46 sequences assigned
39 (84.8%) exact matches, in which:
32 unique CDR3
5 unique J



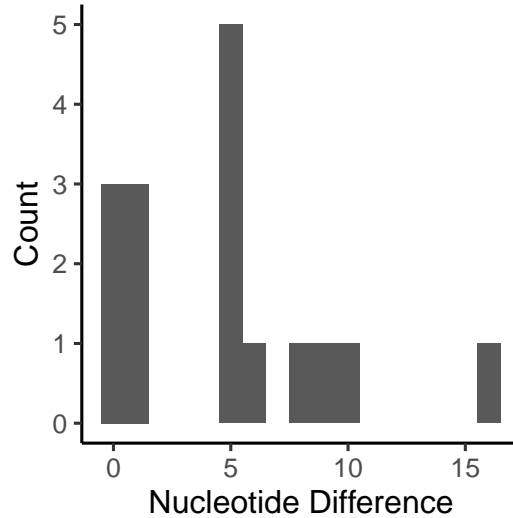
IGKV1-6*01

68 sequences assigned
60 (88.2%) exact matches, in which:
37 unique CDR3
5 unique J



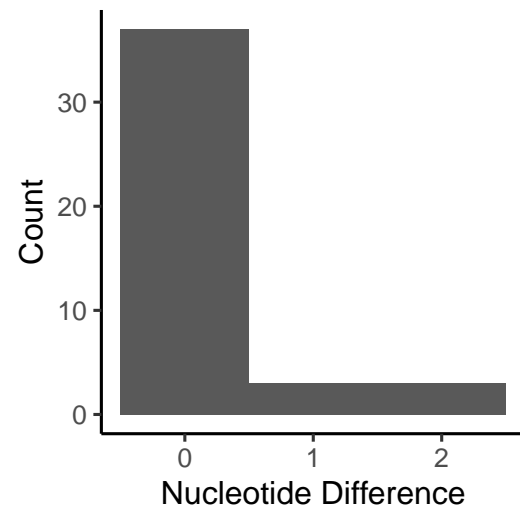
IGKV1-16*01

17 sequences assigned
3 (17.6%) exact matches, in which:
3 unique CDR3
3 unique J



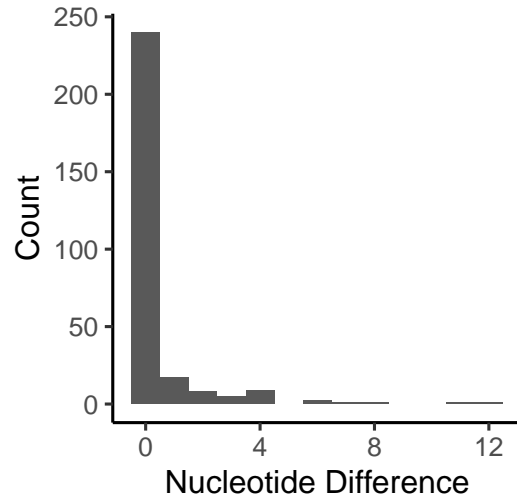
IGKV1-17*03

43 sequences assigned
37 (86%) exact matches, in which:
33 unique CDR3
5 unique J



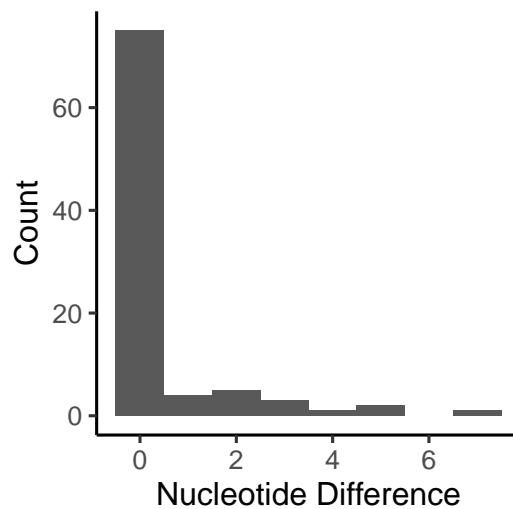
IGKV1-8*01

285 sequences assigned
240 (84.2%) exact matches, in which:
152 unique CDR3
5 unique J



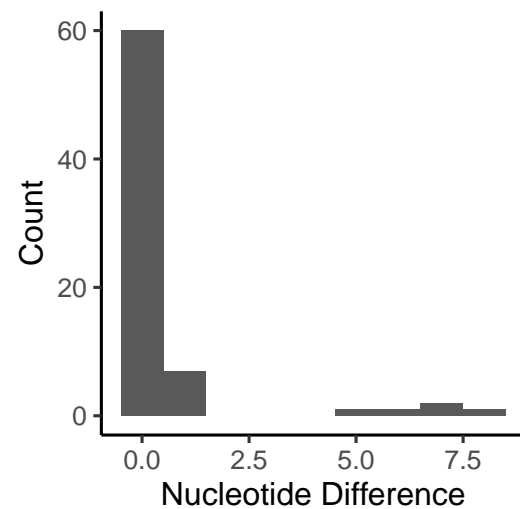
IGKV1-16*02

91 sequences assigned
75 (82.4%) exact matches, in which:
57 unique CDR3
5 unique J



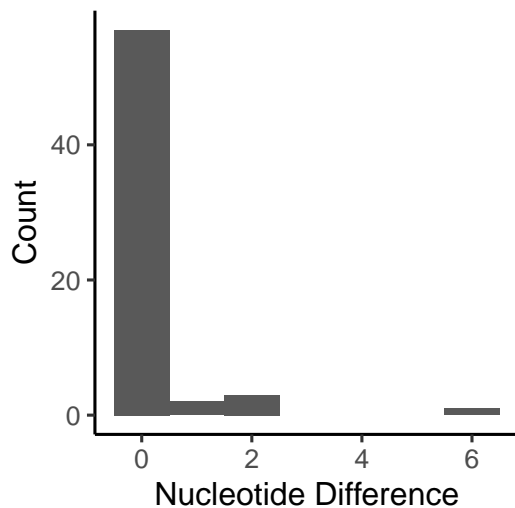
IGKV1-27*01

72 sequences assigned
60 (83.3%) exact matches, in which:
50 unique CDR3
5 unique J



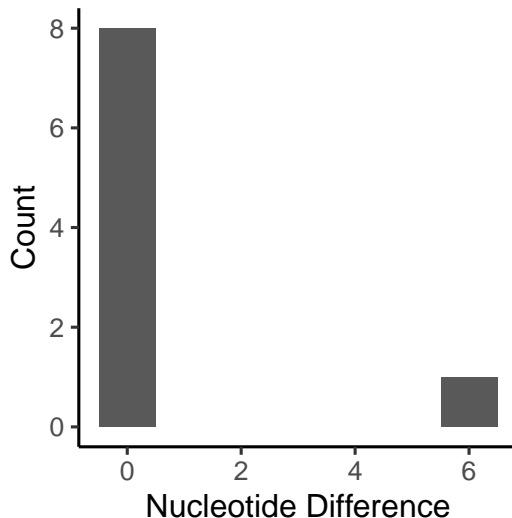
IGKV1-27*01_T231C

63 sequences assigned
57 (90.5%) exact matches, in which:
45 unique CDR3
5 unique J



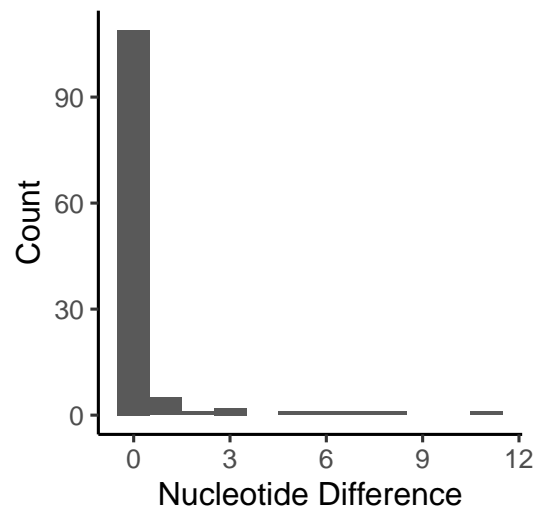
IGKV2-24*01

9 sequences assigned
8 (88.9%) exact matches, in which:
8 unique CDR3
1 unique J



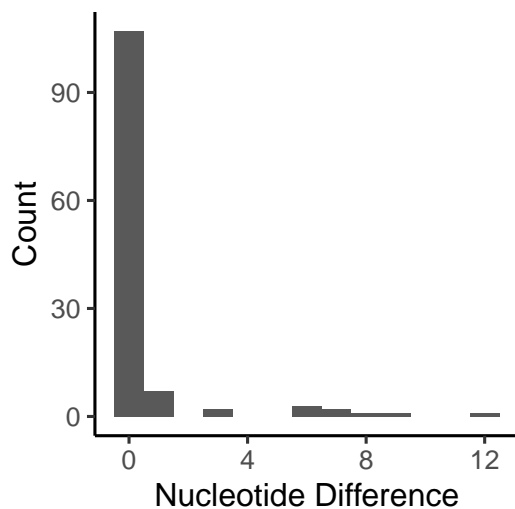
IGKV2-30*01

122 sequences assigned
109 (89.3%) exact matches, in which:
98 unique CDR3
5 unique J



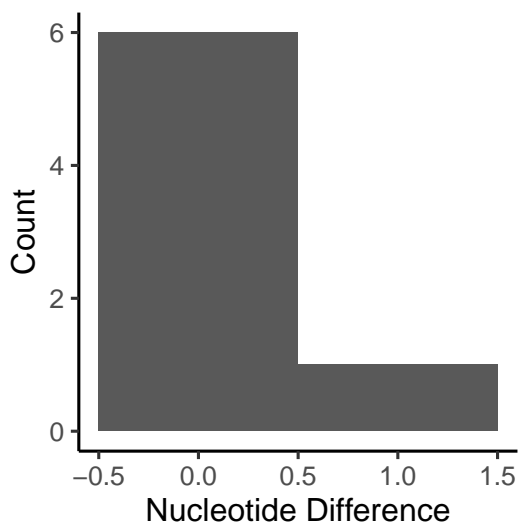
IGKV1-NL1*01

124 sequences assigned
107 (86.3%) exact matches, in which:
87 unique CDR3
5 unique J



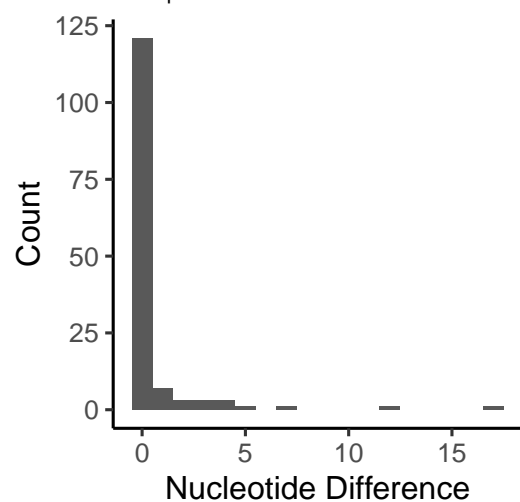
IGKV2-24*01_T314C

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



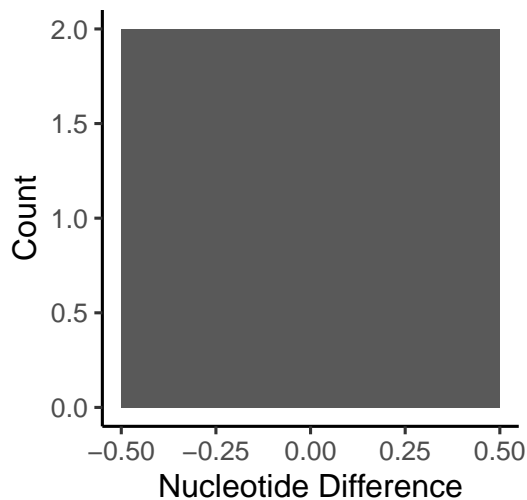
IGKV2-30*02

141 sequences assigned
121 (85.8%) exact matches, in which:
113 unique CDR3
5 unique J



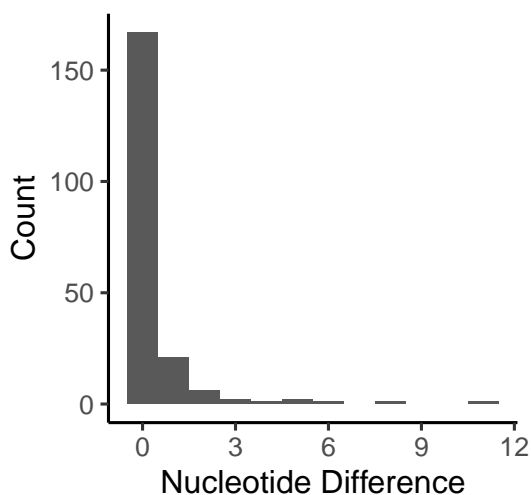
IGKV2-18*01

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



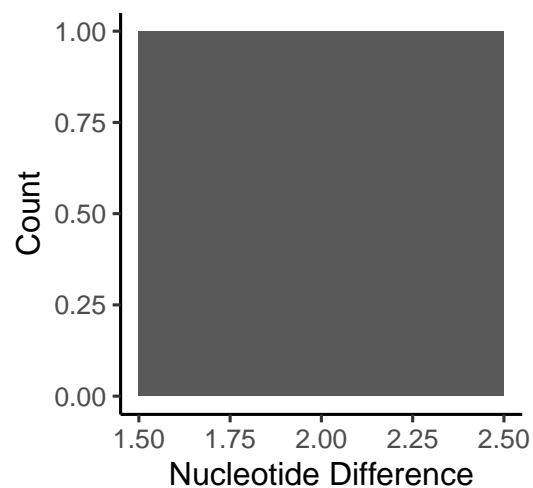
IGKV2-29*02

202 sequences assigned
167 (82.7%) exact matches, in which:
143 unique CDR3
5 unique J



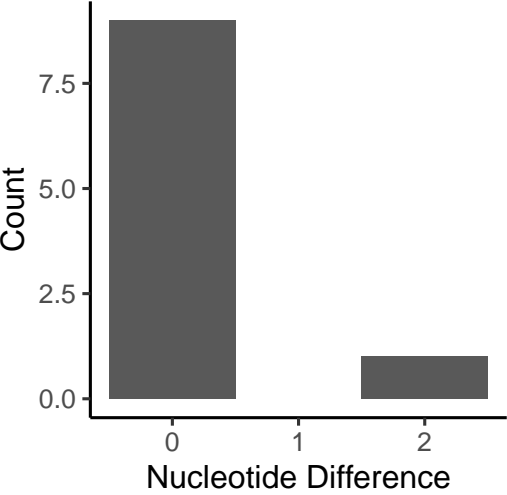
IGKV3/OR2-268*01

1 sequences assigned
No exact matches.



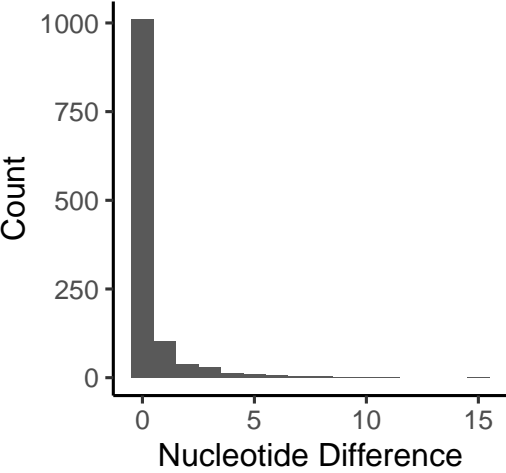
IGKV3-7*04

10 sequences assigned
9 (90%) exact matches, in which:
9 unique CDR3
5 unique J



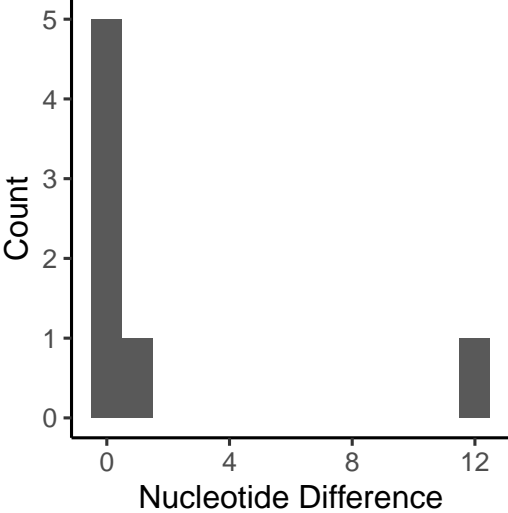
IGKV3-20*01

1221 sequences assigned
1010 (82.7%) exact matches, in which:
735 unique CDR3
5 unique J



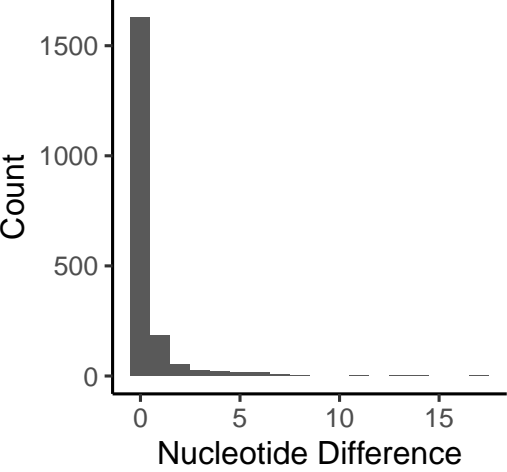
IGKV3D-7*01

7 sequences assigned
5 (71.4%) exact matches, in which:
5 unique CDR3
3 unique J



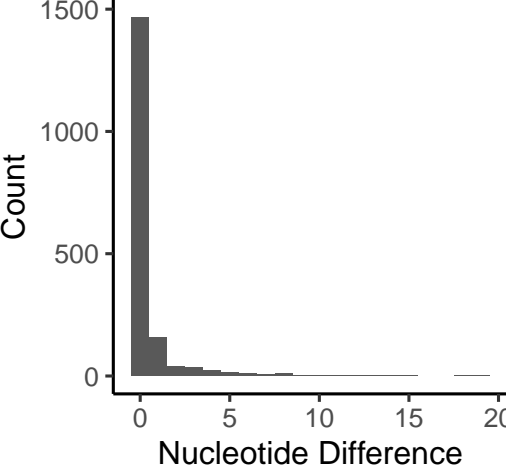
IGKV3-11*01

1952 sequences assigned
1627 (83.4%) exact matches, in which:
1035 unique CDR3
5 unique J



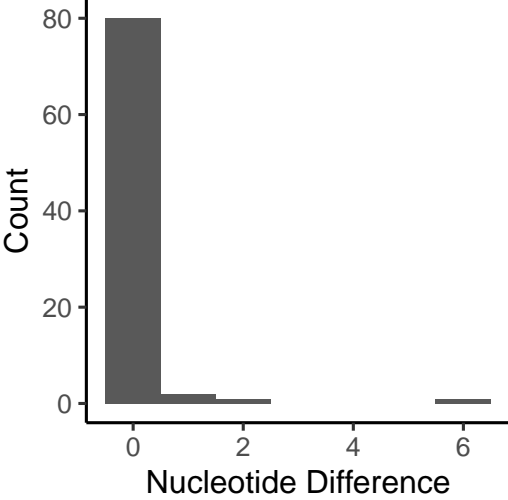
IGKV4-1*01

1774 sequences assigned
1465 (82.6%) exact matches, in which:
812 unique CDR3
5 unique J



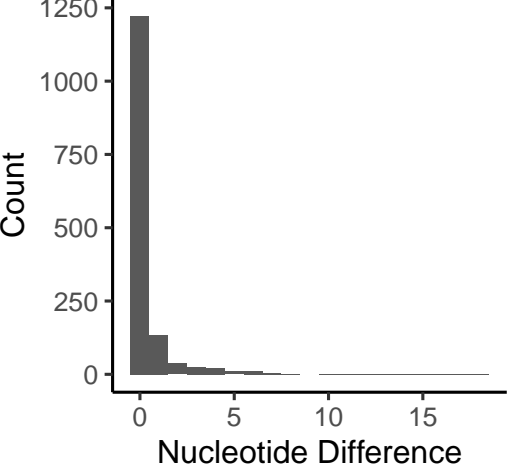
IGKV1D-8*01

84 sequences assigned
80 (95.2%) exact matches, in which:
59 unique CDR3
5 unique J



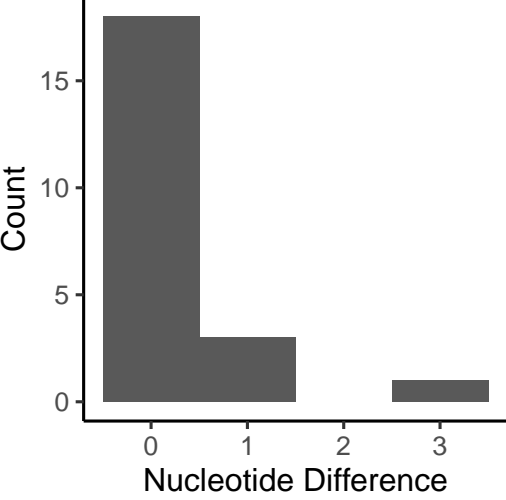
IGKV3-15*01

1481 sequences assigned
1222 (82.5%) exact matches, in which:
870 unique CDR3
5 unique J



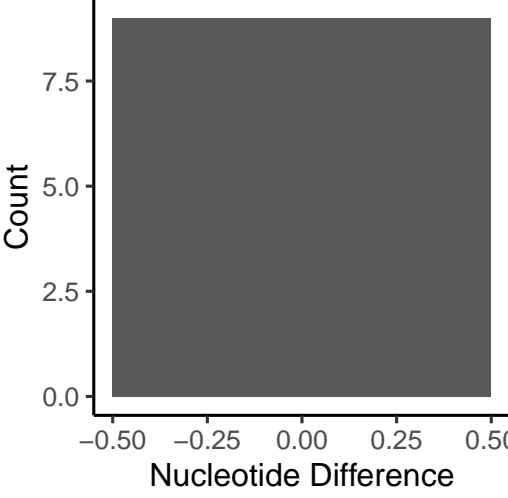
IGKV5-2*01

22 sequences assigned
18 (81.8%) exact matches, in which:
16 unique CDR3
3 unique J



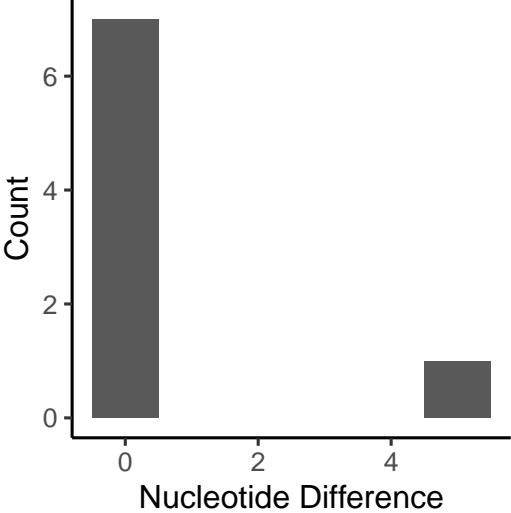
IGKV3D-11*01

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



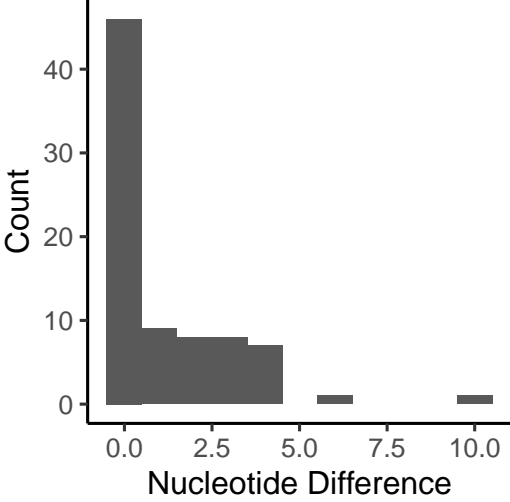
IGKV3D-11*02

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



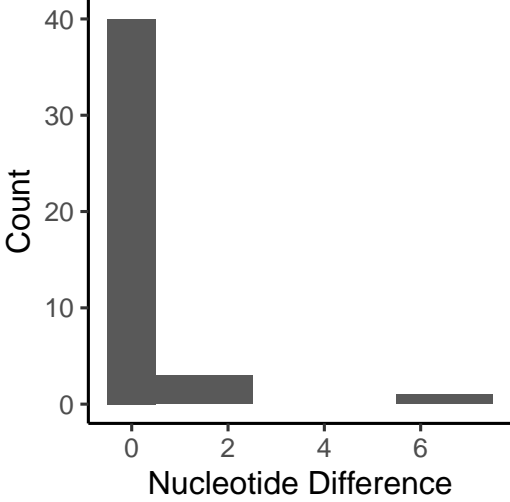
IGKV3D-15*01

80 sequences assigned
46 (57.5%) exact matches, in which:
45 unique CDR3
5 unique J



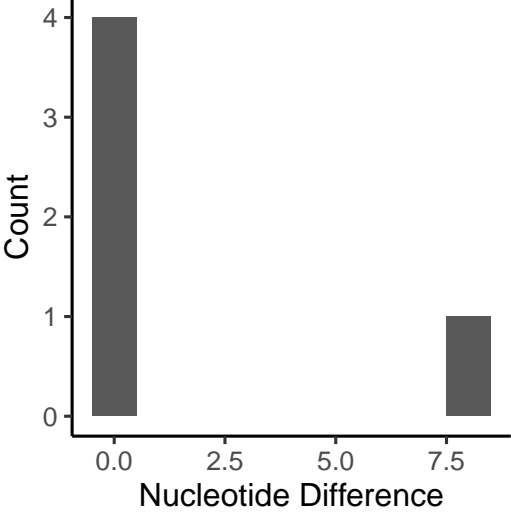
IGKV3D-20*01

48 sequences assigned
40 (83.3%) exact matches, in which:
39 unique CDR3
5 unique J



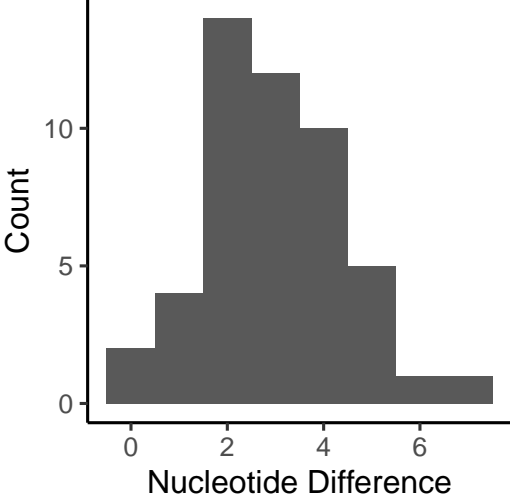
IGKV3D-11*01_C247T

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



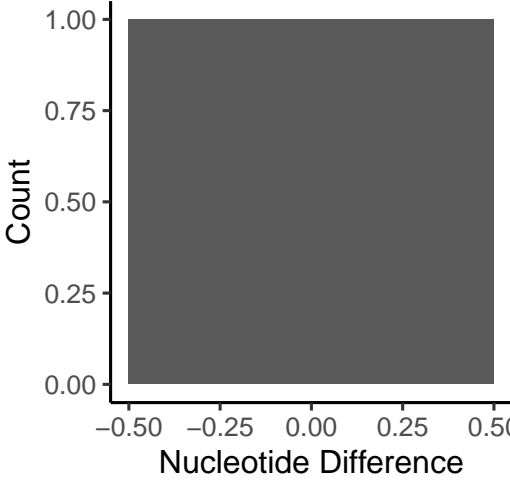
IGKV3D-15*01_A6T_A10

49 sequences assigned
2 (4.1%) exact matches, in which:
2 unique CDR3
2 unique J



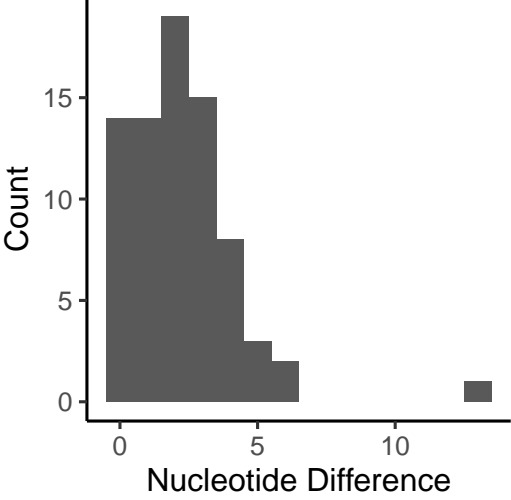
IGKV2D-24*01

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



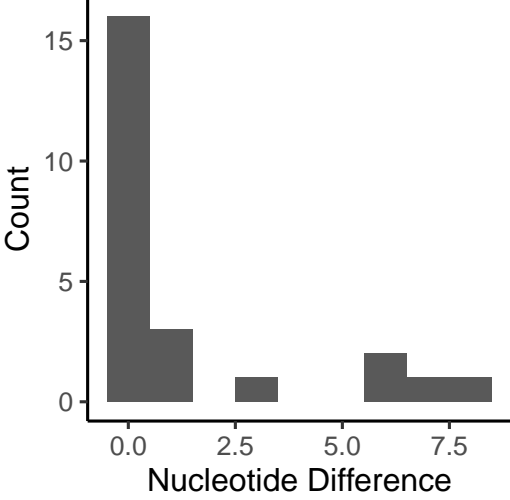
IGKV3D-11*02_A15G_A1

76 sequences assigned
14 (18.4%) exact matches, in which:
14 unique CDR3
3 unique J



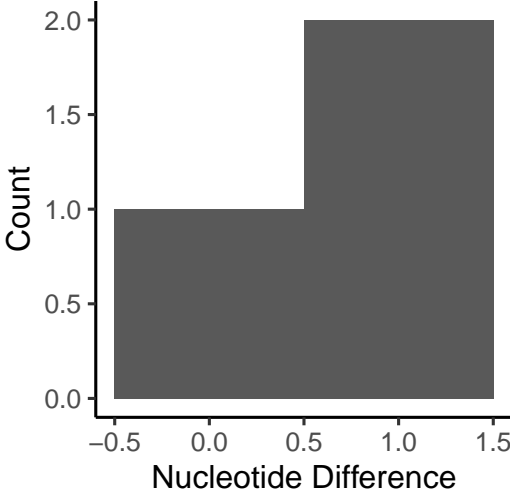
IGKV1D-16*01

24 sequences assigned
16 (66.7%) exact matches, in which:
13 unique CDR3
4 unique J



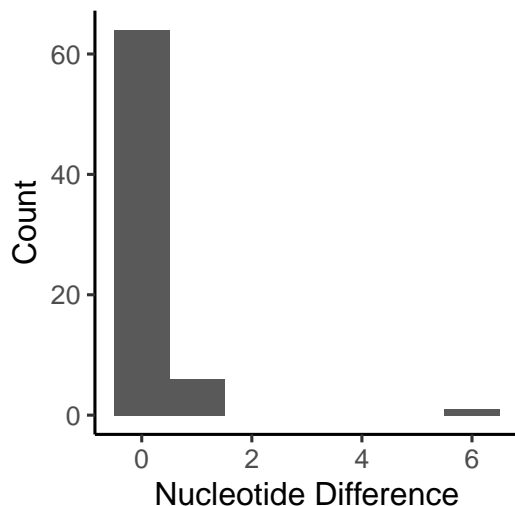
IGKV2D-26*03

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



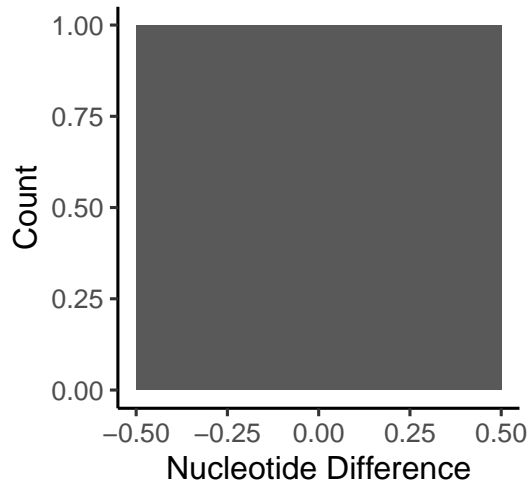
IGKV2D-29*01

71 sequences assigned
64 (90.1%) exact matches, in which:
58 unique CDR3
5 unique J



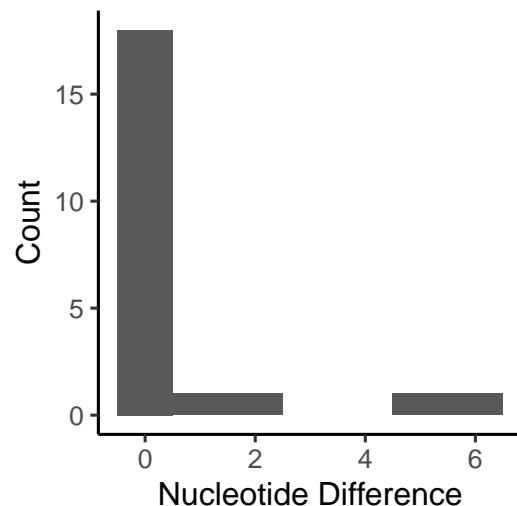
IGKV6D-41*01

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



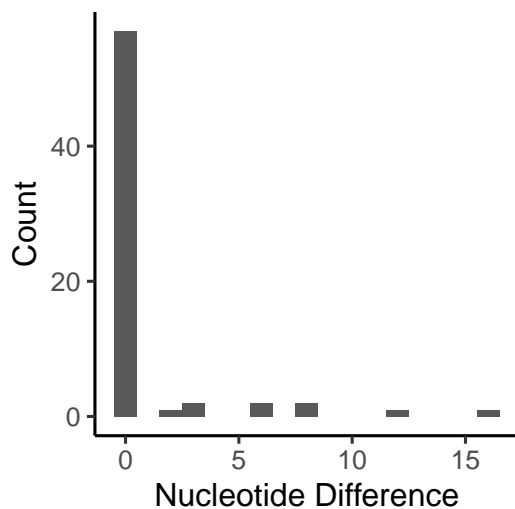
IGKV1E-12*02

22 sequences assigned
18 (81.8%) exact matches, in which:
12 unique CDR3
5 unique J



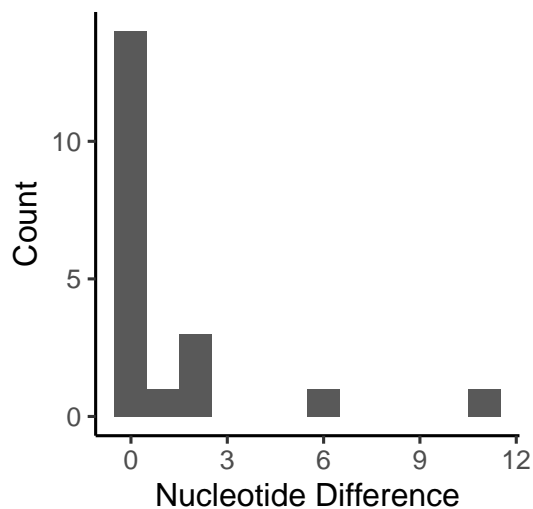
IGKV2D-29*02

66 sequences assigned
57 (86.4%) exact matches, in which:
45 unique CDR3
5 unique J



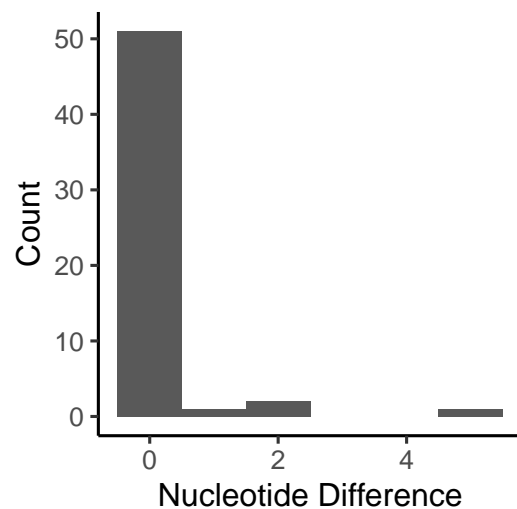
IGKV1D-43*01

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



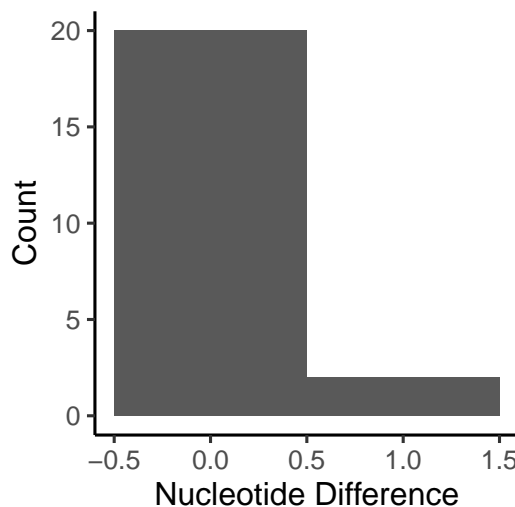
IGKV1E-12*03

55 sequences assigned
51 (92.7%) exact matches, in which:
33 unique CDR3
4 unique J



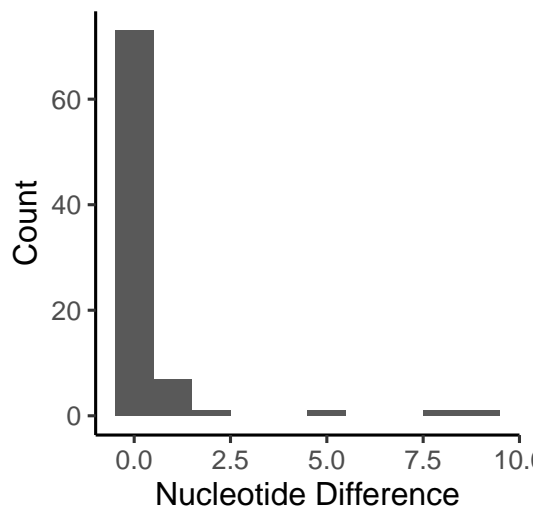
IGKV2D-30*01

22 sequences assigned
20 (90.9%) exact matches, in which:
20 unique CDR3
5 unique J



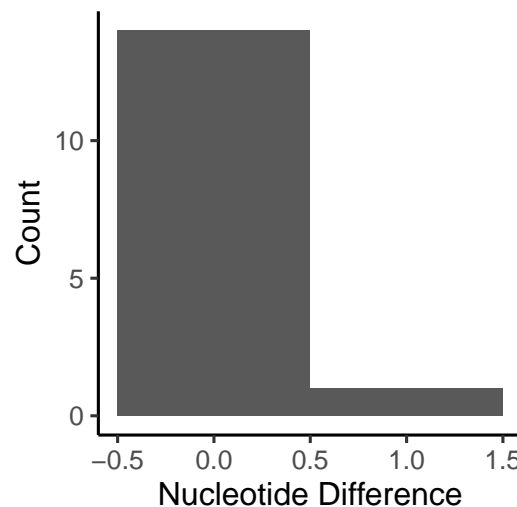
IGKV1E-12*01

84 sequences assigned
73 (86.9%) exact matches, in which:
32 unique CDR3
5 unique J



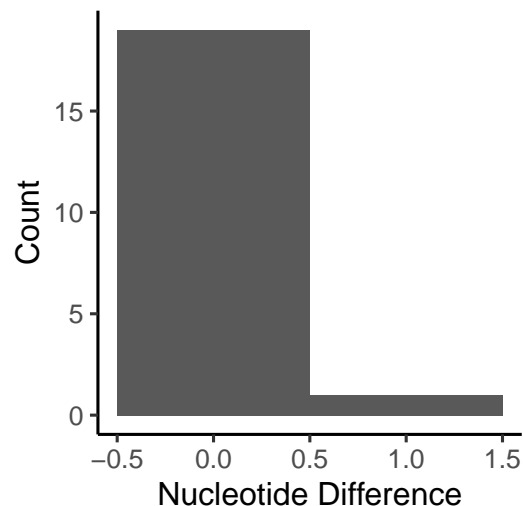
IGKV1E-13*03

15 sequences assigned
14 (93.3%) exact matches, in which:
14 unique CDR3
4 unique J



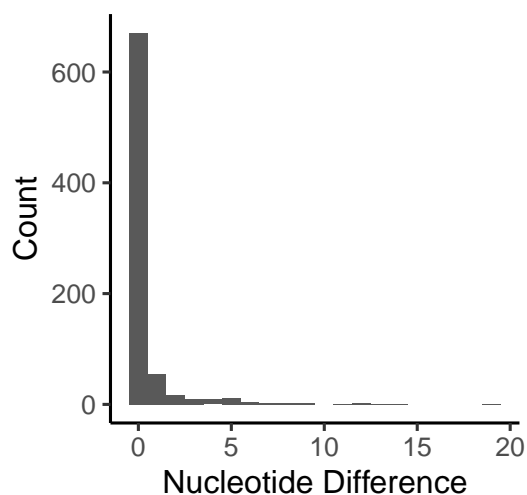
IGKV6E-21*01

20 sequences assigned
19 (95%) exact matches, in which:
17 unique CDR3
4 unique J



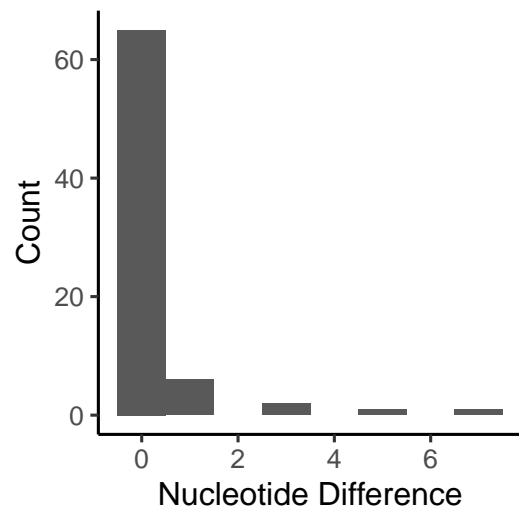
IGKV1E-33*01

794 sequences assigned
671 (84.5%) exact matches, in which:
414 unique CDR3
5 unique J



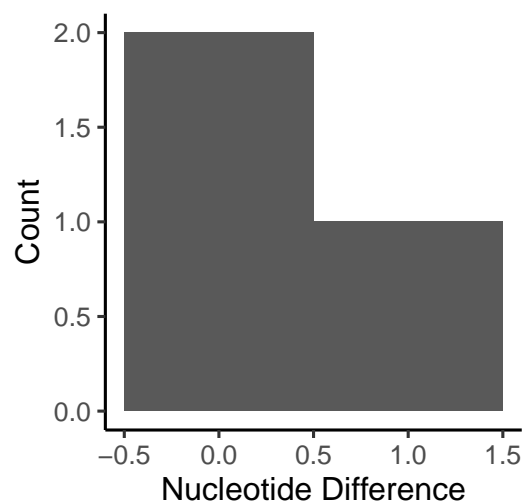
IGKV2E-40*01

75 sequences assigned
65 (86.7%) exact matches, in which:
42 unique CDR3
5 unique J



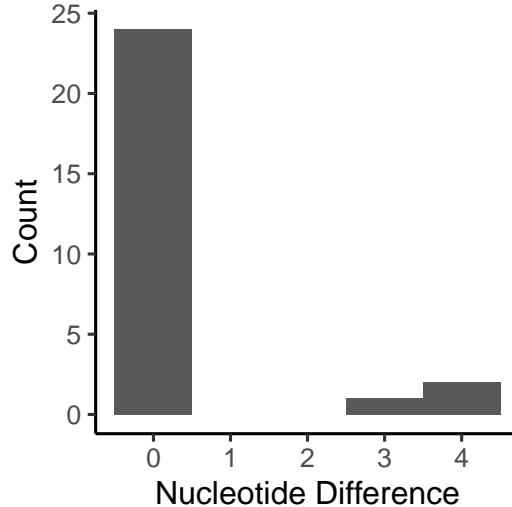
IGKV6E-21*03

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



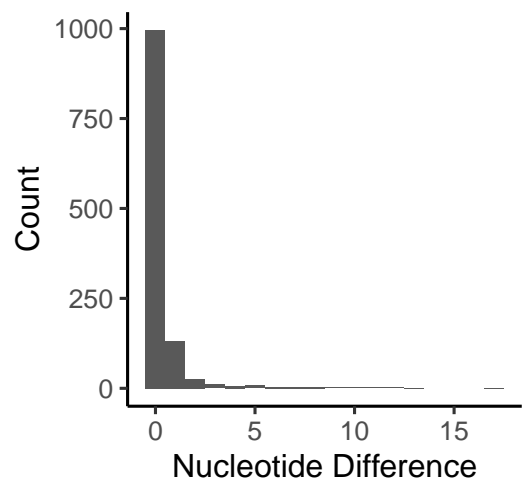
IGKV1E-37*01

27 sequences assigned
24 (88.9%) exact matches, in which:
22 unique CDR3
5 unique J



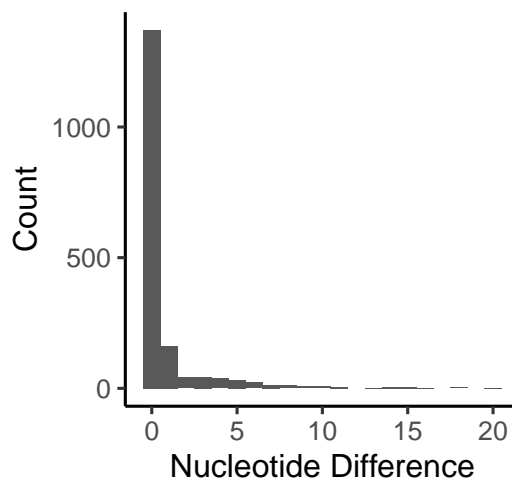
IGKV2E-28*01

1201 sequences assigned
996 (82.9%) exact matches, in which:
682 unique CDR3
5 unique J



IGKV1E-39*01

1768 sequences assigned
1371 (77.5%) exact matches, in which:
782 unique CDR3
5 unique J





Warning – no inferred sequences found.