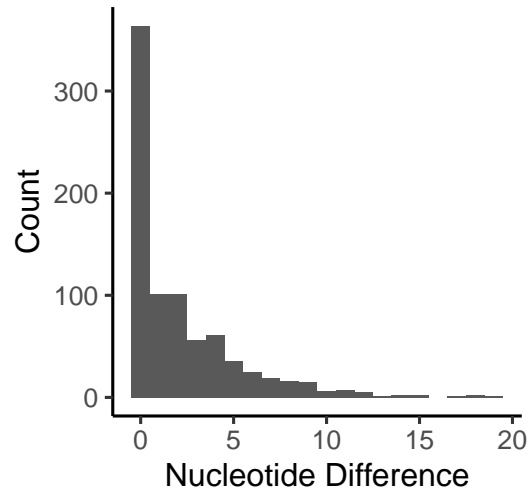


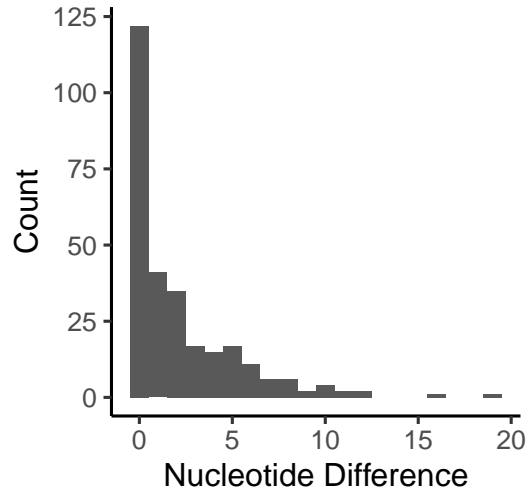
IGKV1-5*03

825 sequences assigned
364 (44.1%) exact matches, in which:
338 unique CDR3
5 unique J



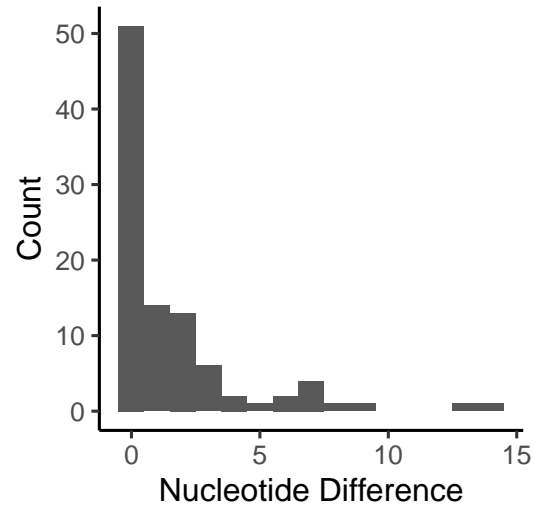
IGKV1-9*01

282 sequences assigned
122 (43.3%) exact matches, in which:
115 unique CDR3
5 unique J



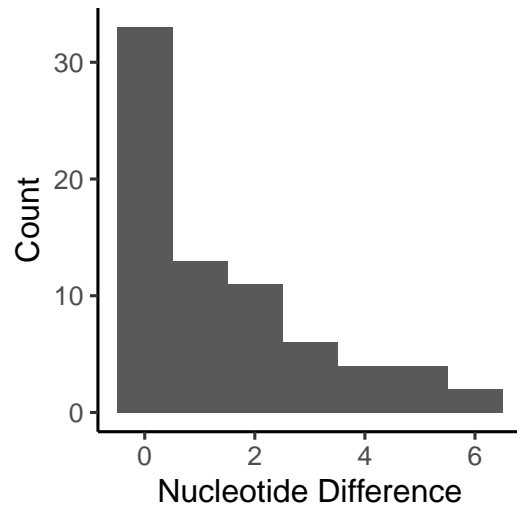
IGKV1-17*01

97 sequences assigned
51 (52.6%) exact matches, in which:
48 unique CDR3
5 unique J



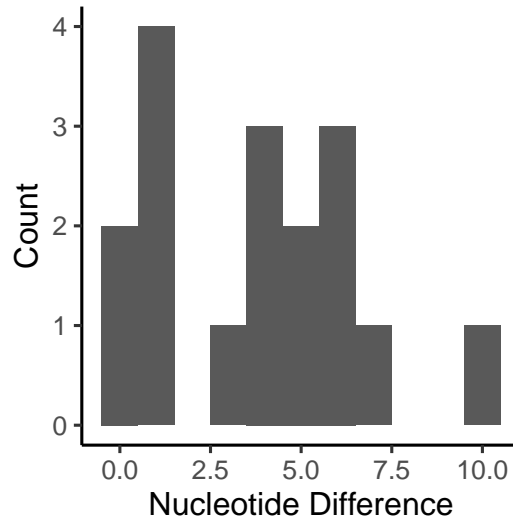
IGKV1-6*01

73 sequences assigned
33 (45.2%) exact matches, in which:
27 unique CDR3
4 unique J



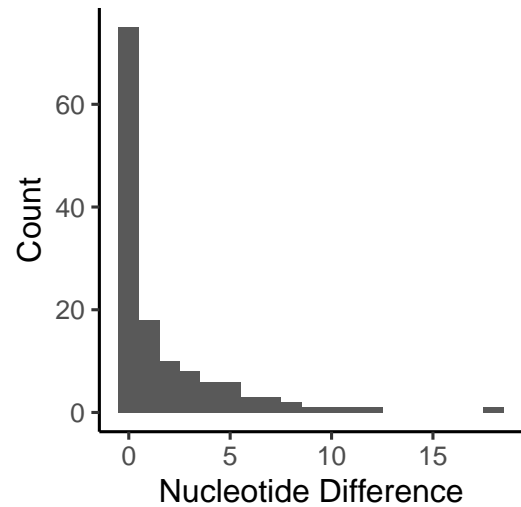
IGKV1-16*01

17 sequences assigned
2 (11.8%) exact matches, in which:
2 unique CDR3
1 unique J



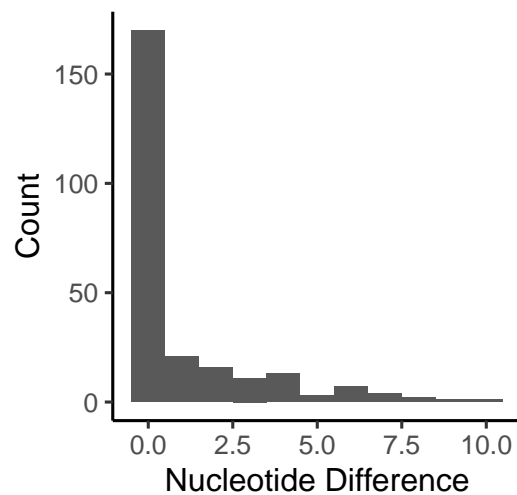
IGKV1-27*01

137 sequences assigned
75 (54.7%) exact matches, in which:
67 unique CDR3
5 unique J



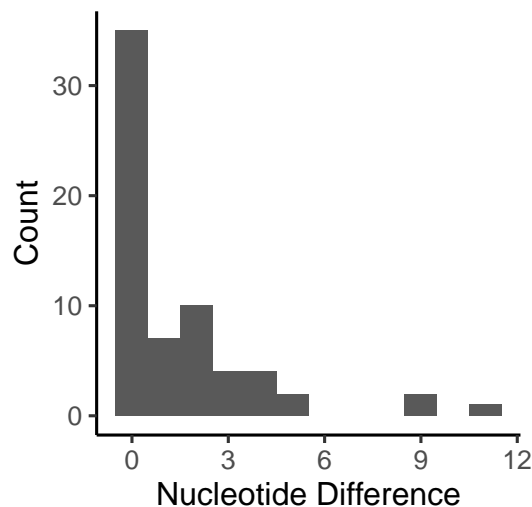
IGKV1-8*01

249 sequences assigned
170 (68.3%) exact matches, in which:
129 unique CDR3
5 unique J



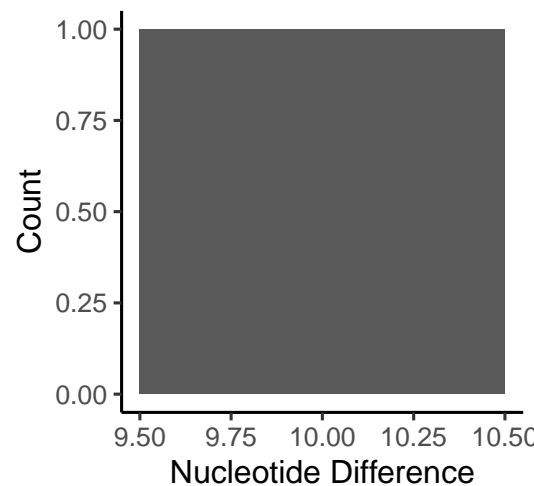
IGKV1-16*02

67 sequences assigned
35 (52.2%) exact matches, in which:
33 unique CDR3
5 unique J



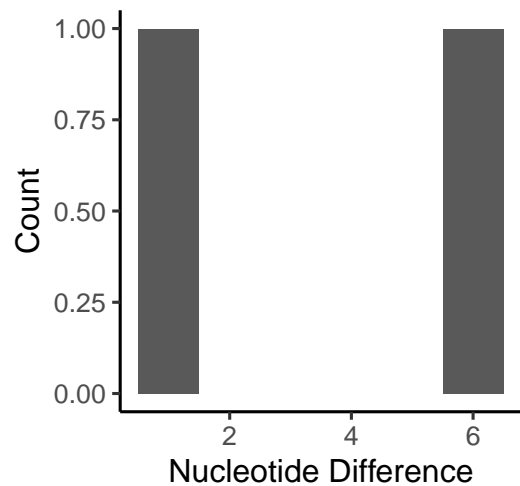
IGKV1-NL1*01

2 sequences assigned
No exact matches.



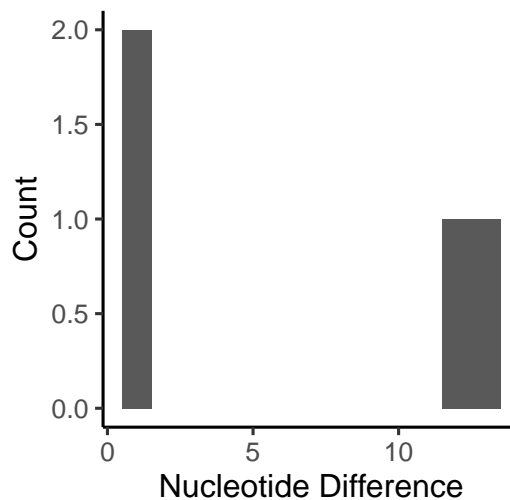
IGKV2/OR22-4*01

2 sequences assigned
No exact matches.



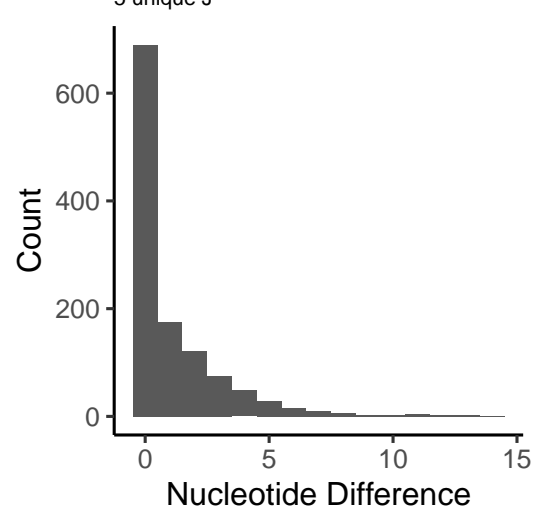
IGKV2-29*03

4 sequences assigned
No exact matches.



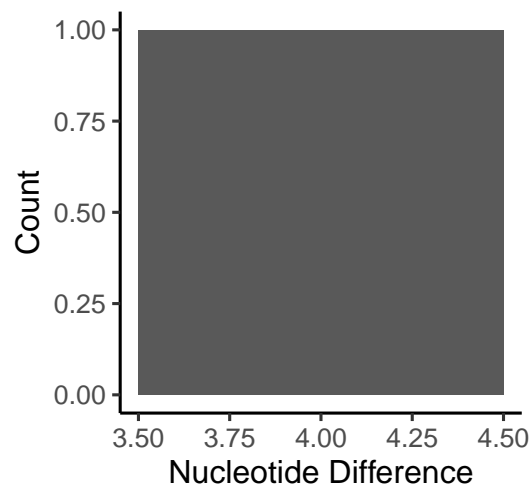
IGKV3-11*01

1188 sequences assigned
690 (58.1%) exact matches, in which:
525 unique CDR3
5 unique J



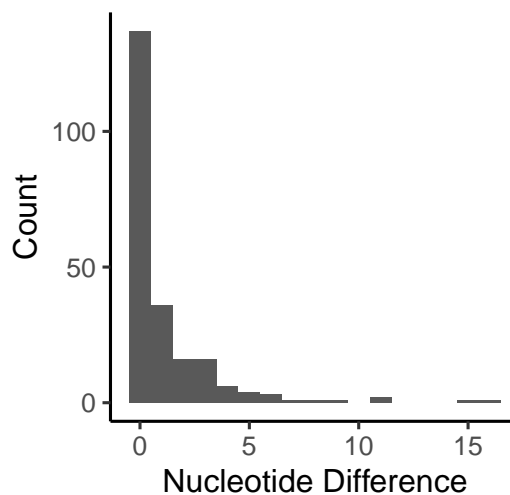
IGKV2-18*01

1 sequences assigned
No exact matches.



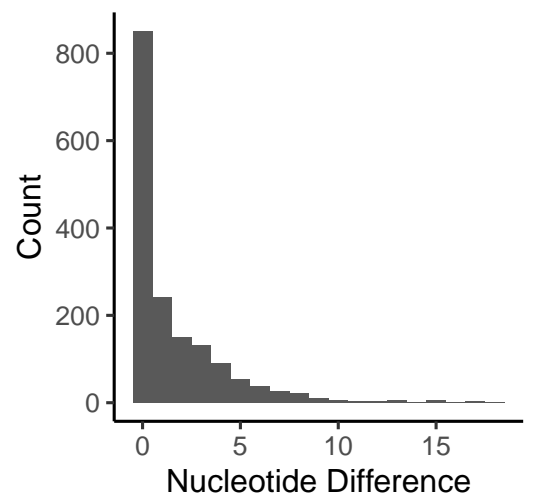
IGKV2-30*01

225 sequences assigned
137 (60.9%) exact matches, in which:
132 unique CDR3
5 unique J



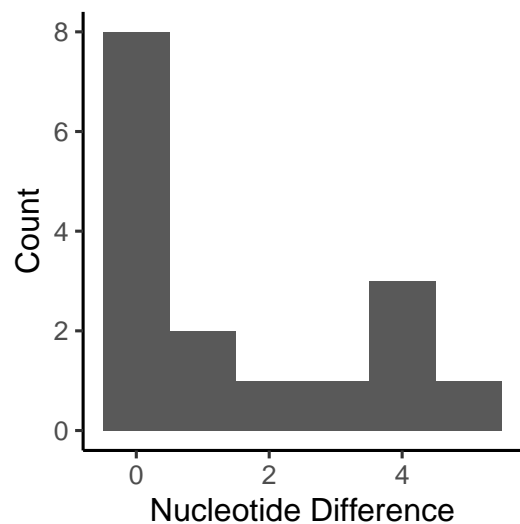
IGKV3-15*01

1648 sequences assigned
851 (51.6%) exact matches, in which:
641 unique CDR3
5 unique J



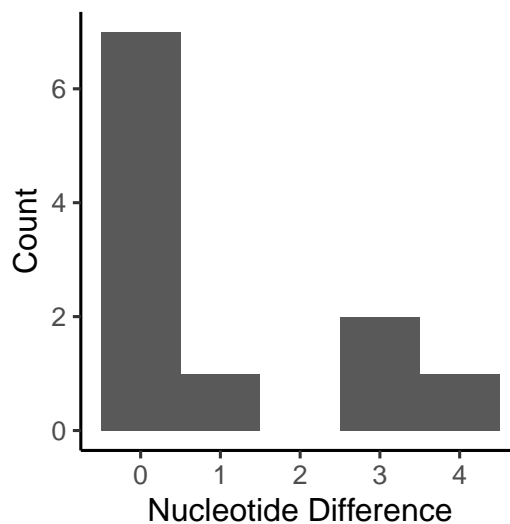
IGKV2-24*01

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



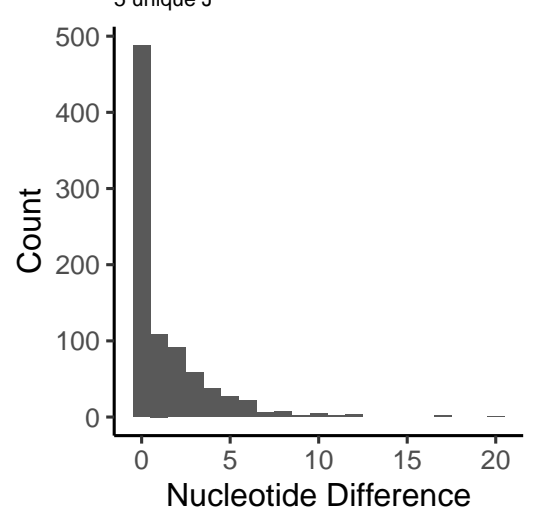
IGKV3-7*04

11 sequences assigned
7 (63.6%) exact matches, in which:
7 unique CDR3
3 unique J



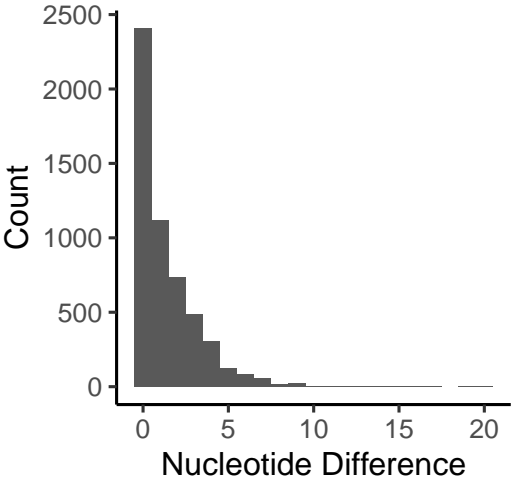
IGKV3-20*01

869 sequences assigned
488 (56.2%) exact matches, in which:
403 unique CDR3
5 unique J



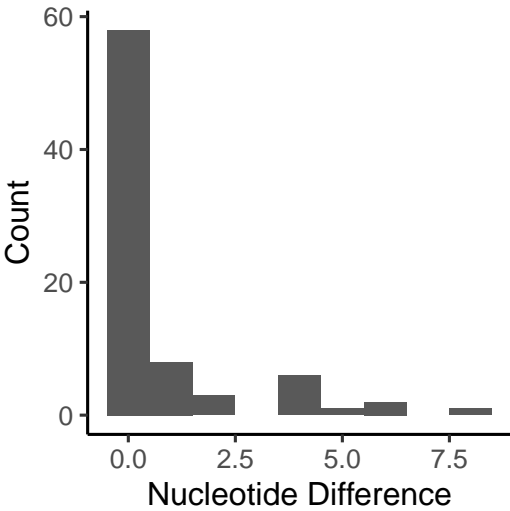
IGKV4-1*01

5399 sequences assigned
2407 (44.6%) exact matches, in which:
1161 unique CDR3
5 unique J



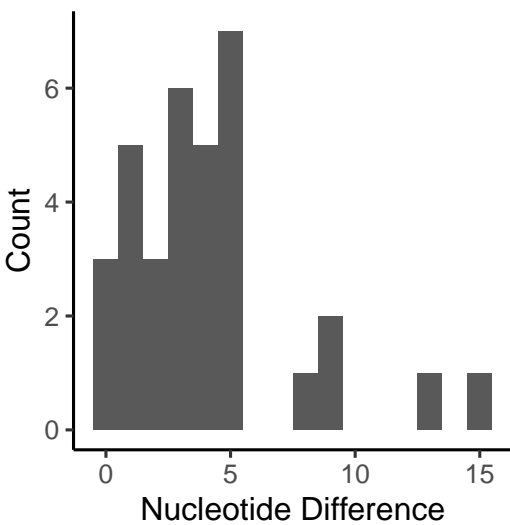
IGKV1D-8*01

79 sequences assigned
58 (73.4%) exact matches, in which:
47 unique CDR3
4 unique J



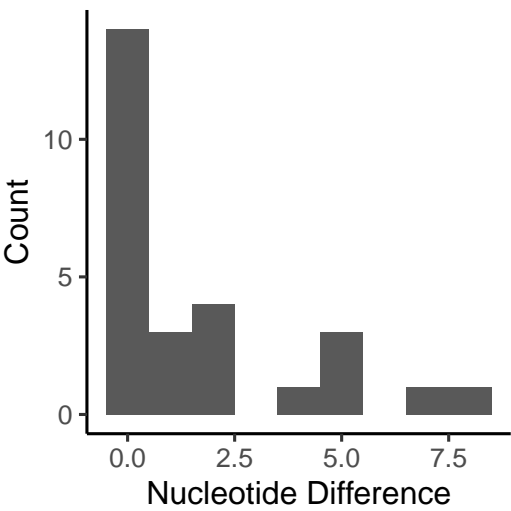
IGKV3D-11*02_C247T

34 sequences assigned
3 (8.8%) exact matches, in which:
3 unique CDR3
1 unique J



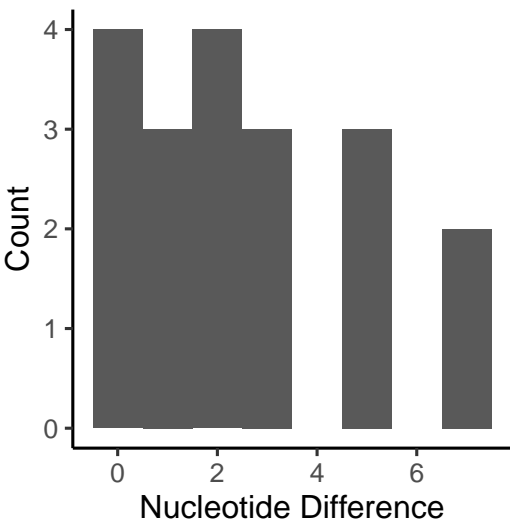
IGKV5-2*01

27 sequences assigned
14 (51.9%) exact matches, in which:
13 unique CDR3
3 unique J



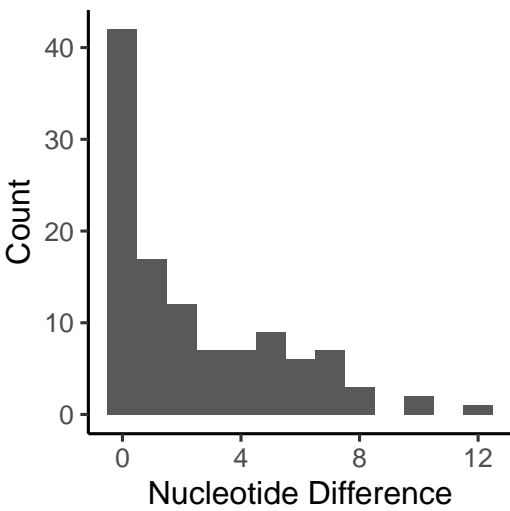
IGKV1D-8*03

19 sequences assigned
4 (21.1%) exact matches, in which:
4 unique CDR3
2 unique J



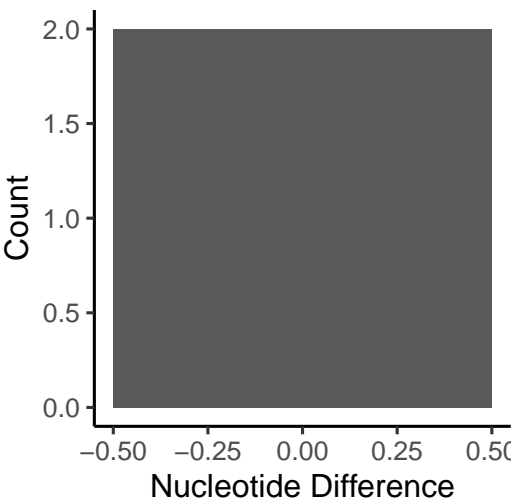
IGKV3D-15*01

113 sequences assigned
42 (37.2%) exact matches, in which:
41 unique CDR3
5 unique J



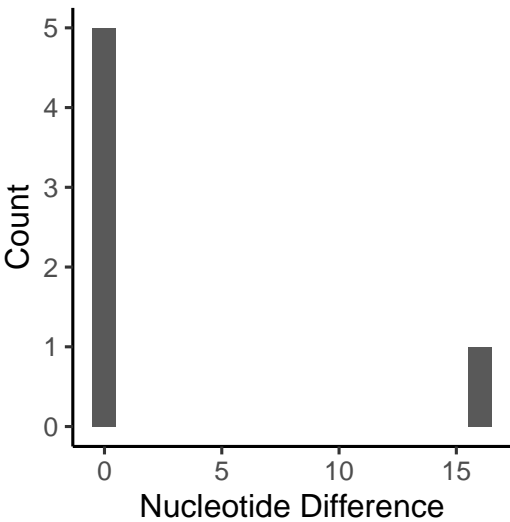
IGKV7-3*01

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



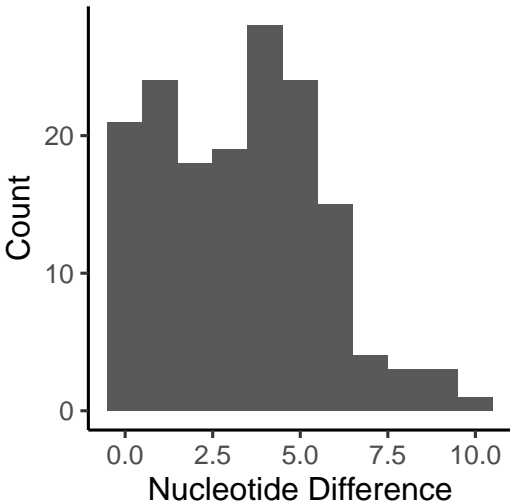
IGKV3D-11*01

6 sequences assigned
5 (83.3%) exact matches, in which:
5 unique CDR3
4 unique J



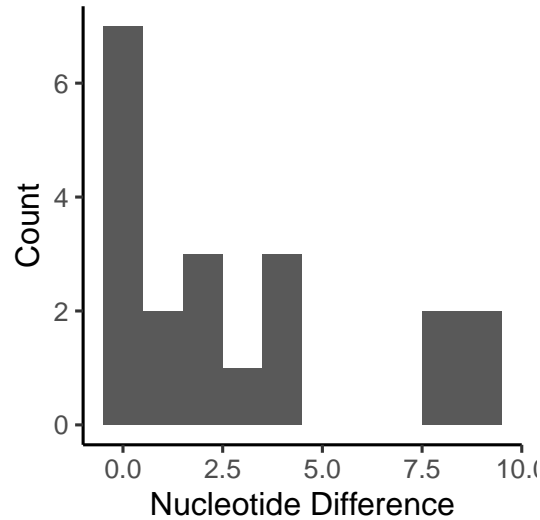
IGKV3D-15*01_G258C_C

160 sequences assigned
21 (13.1%) exact matches, in which:
20 unique CDR3
4 unique J



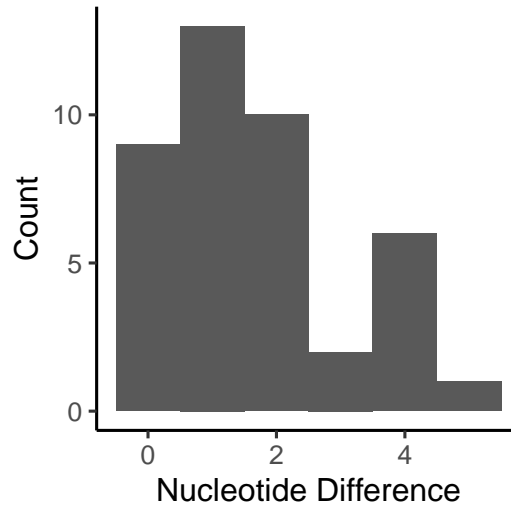
IGKV1D-16*01

20 sequences assigned
7 (35%) exact matches, in which:
7 unique CDR3
3 unique J



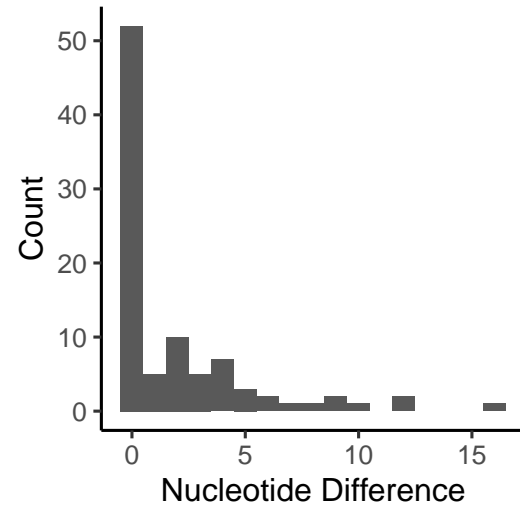
IGKV3D-20*02_C26G_A1

41 sequences assigned
9 (22%) exact matches, in which:
9 unique CDR3
4 unique J



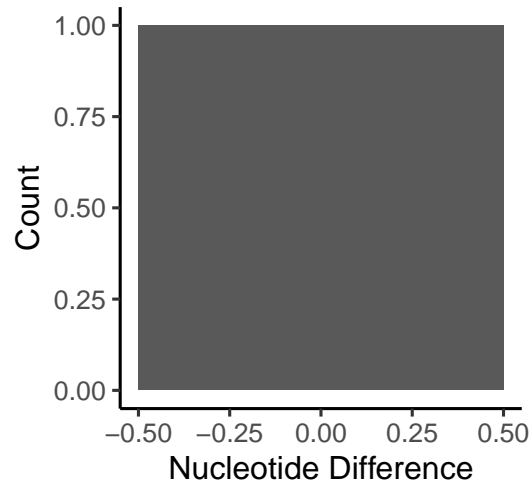
IGKV2D-29*01

92 sequences assigned
52 (56.5%) exact matches, in which:
50 unique CDR3
5 unique J



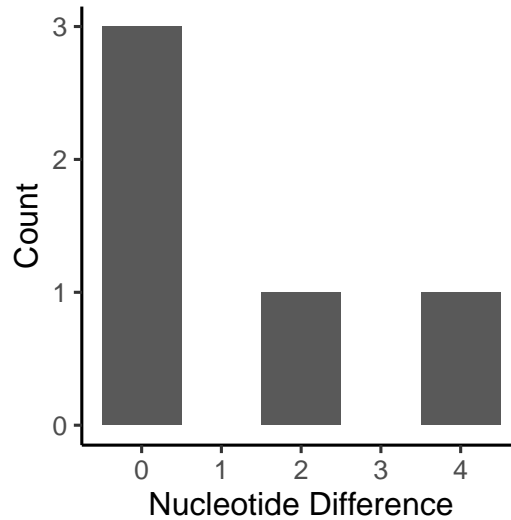
IGKV1D-17*01

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



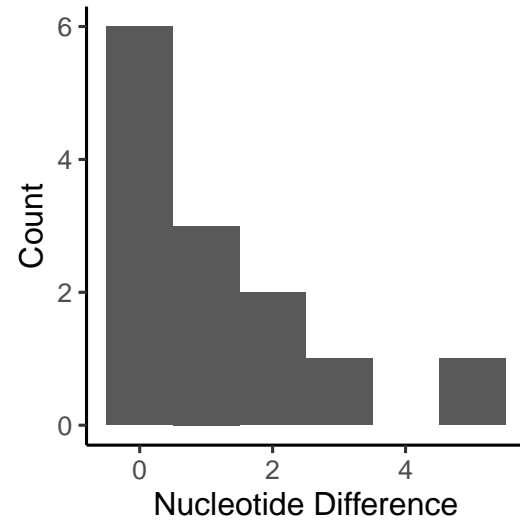
IGKV2D-24*01

5 sequences assigned
3 (60%) exact matches, in which:
3 unique CDR3
3 unique J



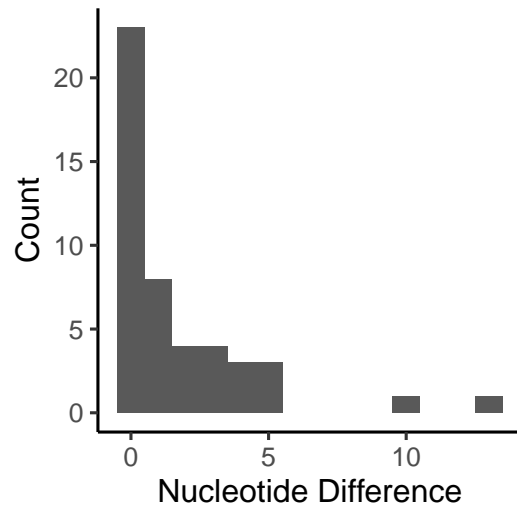
IGKV2D-30*01

14 sequences assigned
6 (42.9%) exact matches, in which:
6 unique CDR3
3 unique J



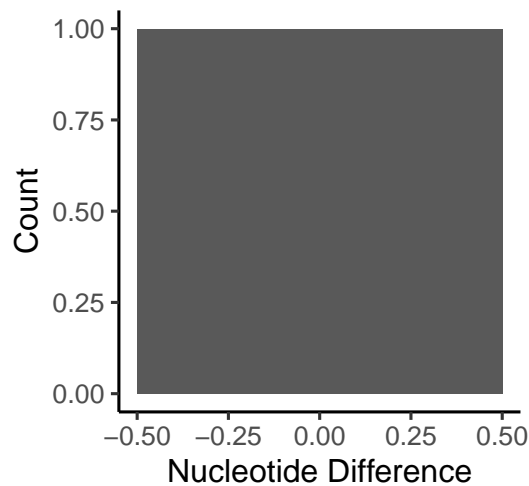
IGKV3D-20*01

47 sequences assigned
23 (48.9%) exact matches, in which:
22 unique CDR3
5 unique J



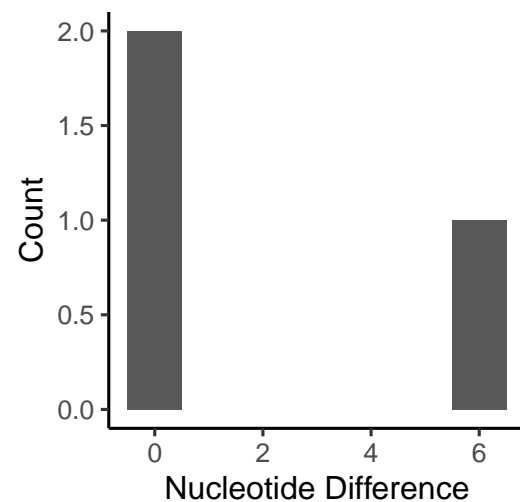
IGKV2D-26*03

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



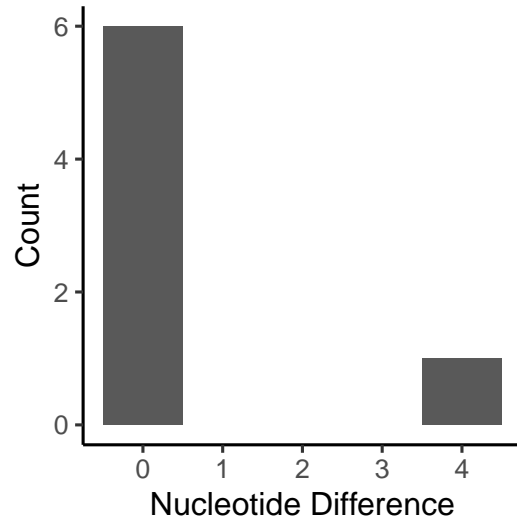
IGKV6D-41*01

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



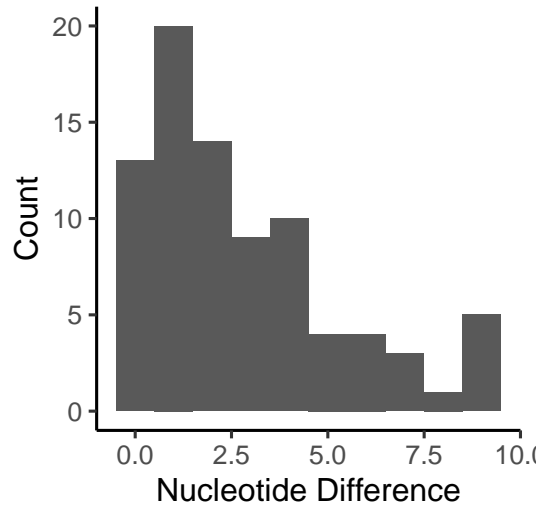
IGKV1D-43*01

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



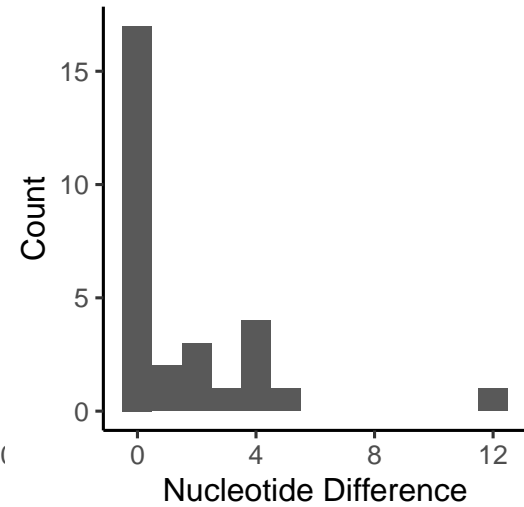
IGKV1E-12*01_T309C

84 sequences assigned
13 (15.5%) exact matches, in which:
13 unique CDR3
3 unique J



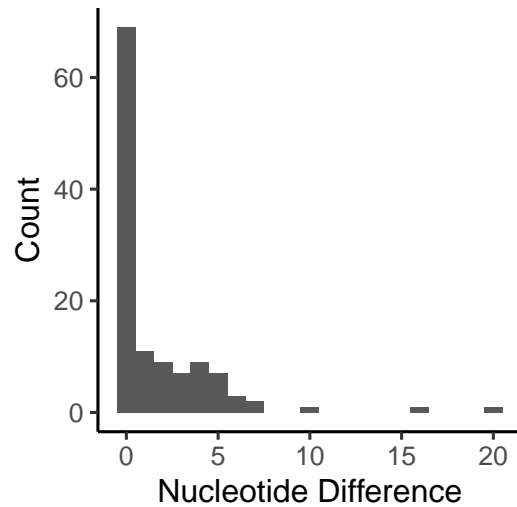
IGKV6E-21*01

29 sequences assigned
17 (58.6%) exact matches, in which:
16 unique CDR3
5 unique J



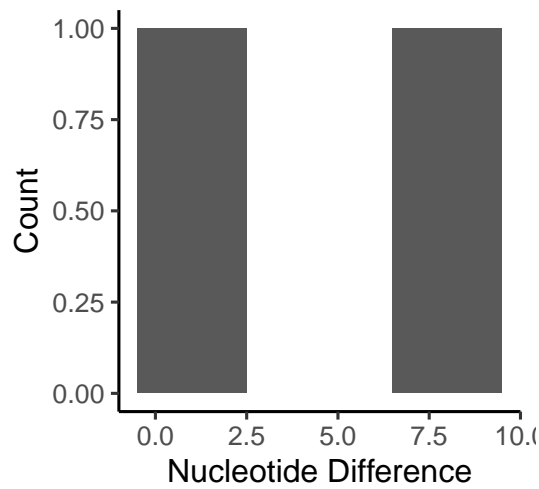
IGKV1E-12*01

120 sequences assigned
69 (57.5%) exact matches, in which:
55 unique CDR3
5 unique J



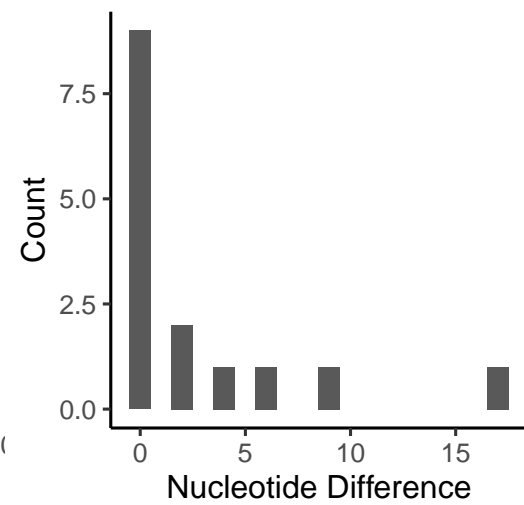
IGKV1E-13*02

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



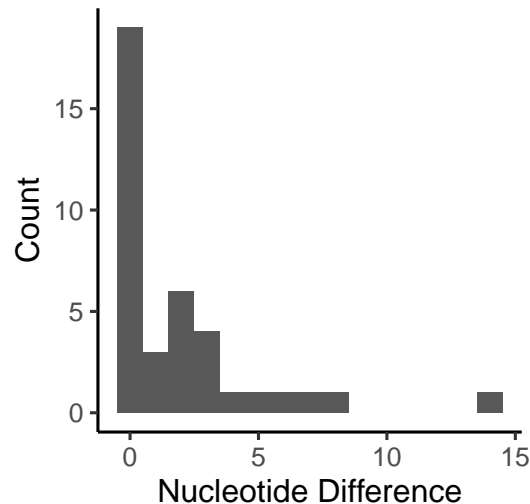
IGKV6E-21*03

15 sequences assigned
9 (60%) exact matches, in which:
9 unique CDR3
2 unique J



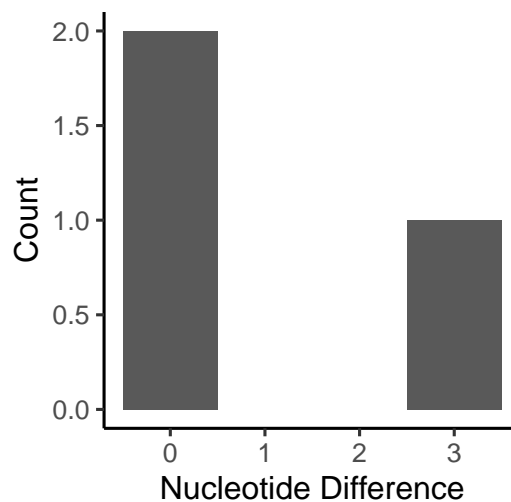
IGKV1E-12*03

38 sequences assigned
19 (50%) exact matches, in which:
15 unique CDR3
5 unique J



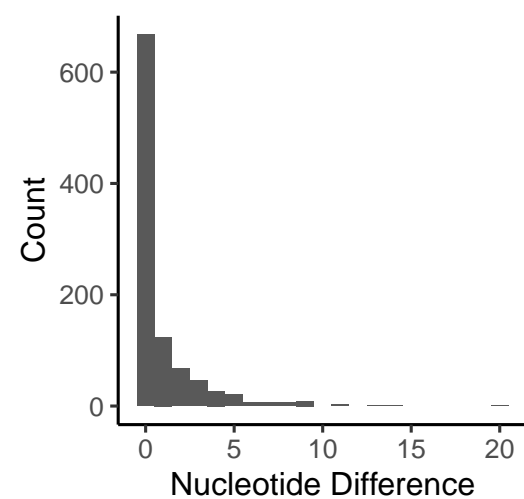
IGKV1E-13*03

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



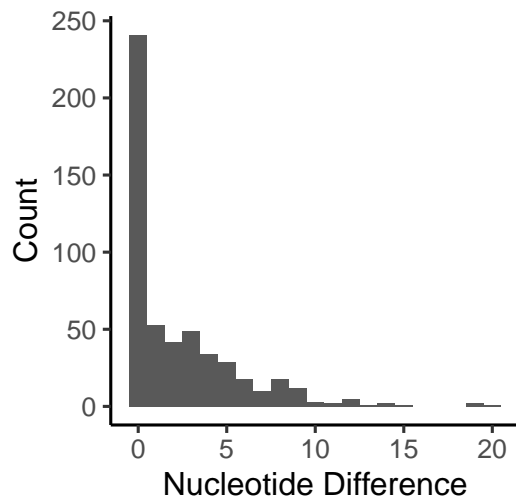
IGKV2E-28*01

987 sequences assigned
668 (67.7%) exact matches, in which:
489 unique CDR3
5 unique J



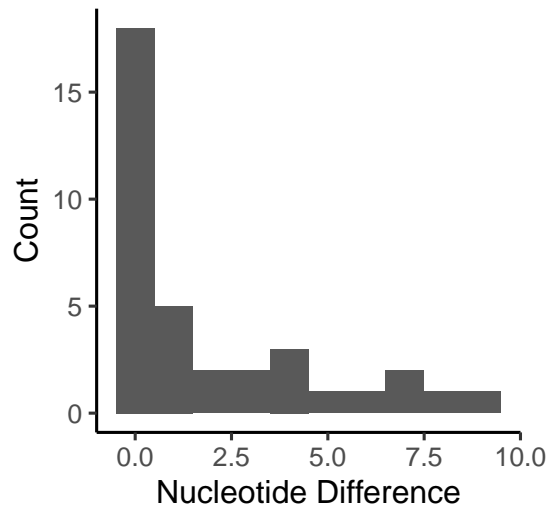
IGKV1E-33*01

531 sequences assigned
241 (45.4%) exact matches, in which:
191 unique CDR3
5 unique J



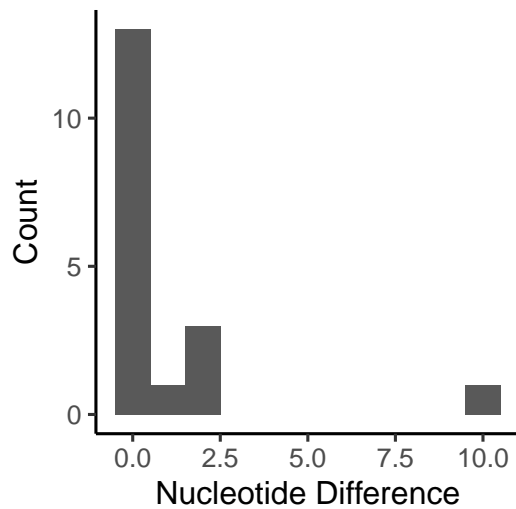
IGKV2E-40*01

36 sequences assigned
18 (50%) exact matches, in which:
17 unique CDR3
4 unique J



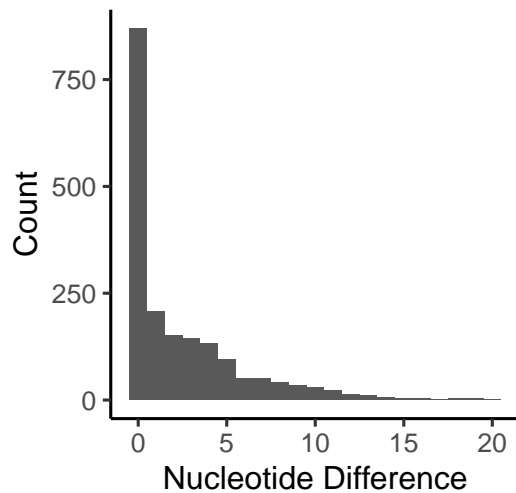
IGKV1E-37*01

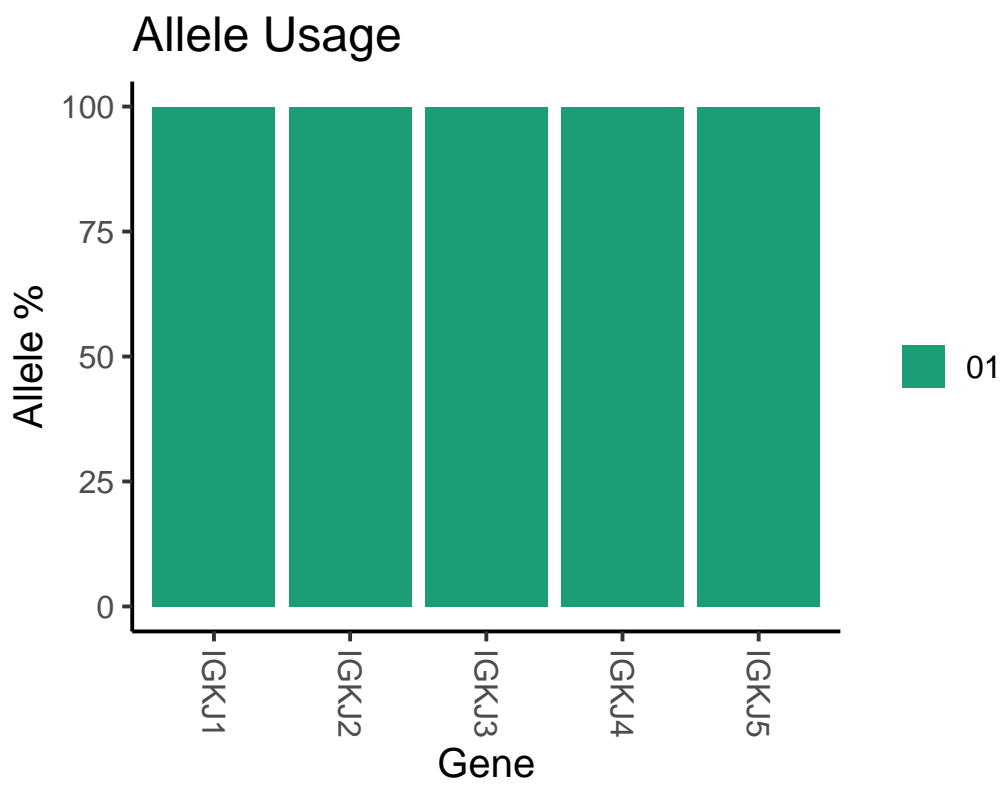
18 sequences assigned
13 (72.2%) exact matches, in which:
13 unique CDR3
5 unique J



IGKV1E-39*01

1884 sequences assigned
870 (46.2%) exact matches, in which:
607 unique CDR3
5 unique J





Warning – no inferred sequences found.