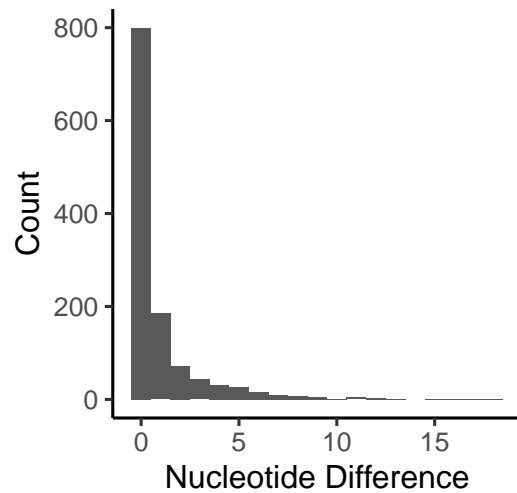


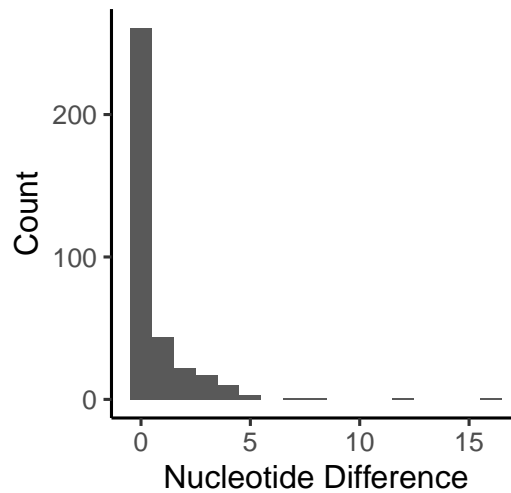
IGKV1–5*03

1208 sequences assigned
800 (66.2%) exact matches, in which:
634 unique CDR3
6 unique J



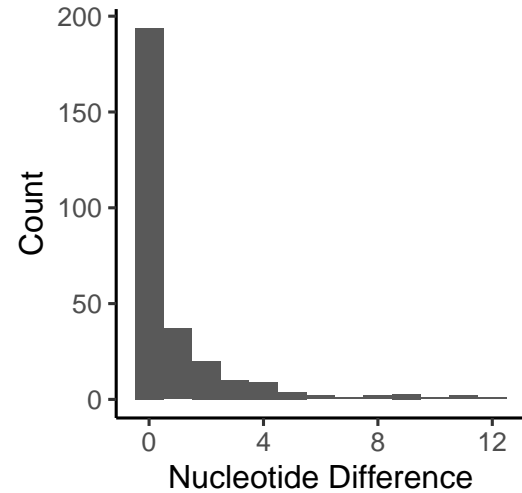
IGKV1–9*01

361 sequences assigned
261 (72.3%) exact matches, in which:
229 unique CDR3
6 unique J



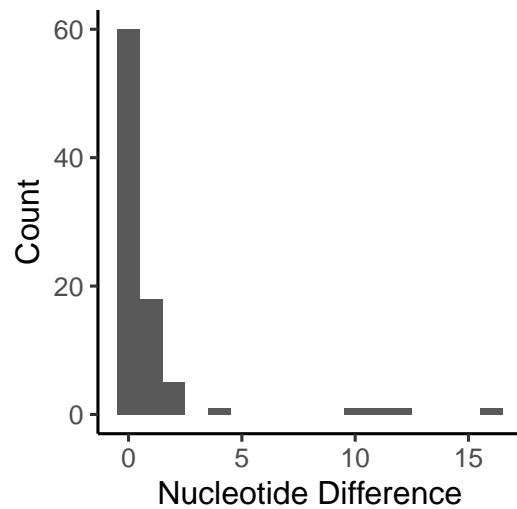
IGKV1–27*01

286 sequences assigned
194 (67.8%) exact matches, in which:
159 unique CDR3
6 unique J



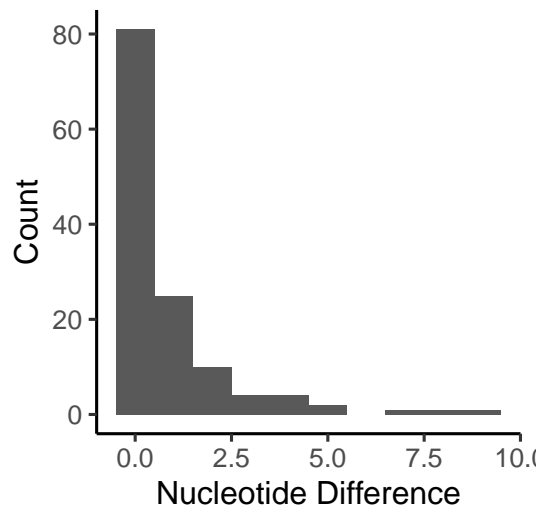
IGKV1–6*01

88 sequences assigned
60 (68.2%) exact matches, in which:
49 unique CDR3
6 unique J



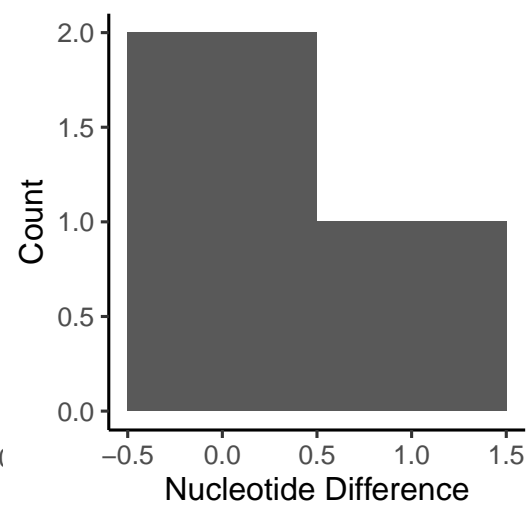
IGKV1–16*02

129 sequences assigned
81 (62.8%) exact matches, in which:
66 unique CDR3
6 unique J



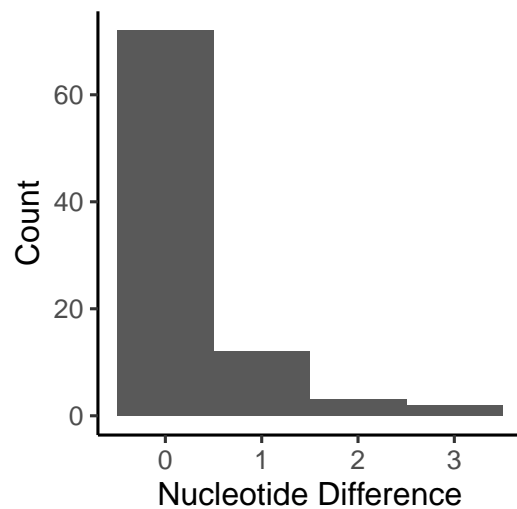
IGKV2/OR22–4*01

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



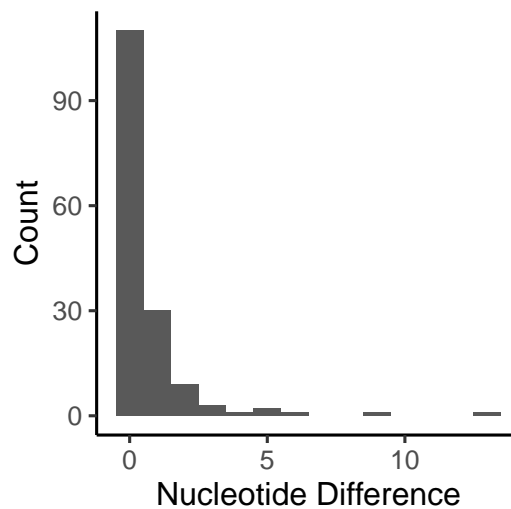
IGKV1–8*01

89 sequences assigned
72 (80.9%) exact matches, in which:
63 unique CDR3
6 unique J



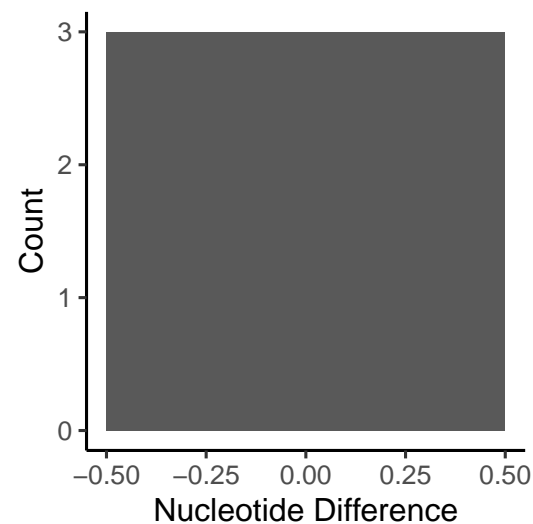
IGKV1–17*01

158 sequences assigned
110 (69.6%) exact matches, in which:
87 unique CDR3
6 unique J



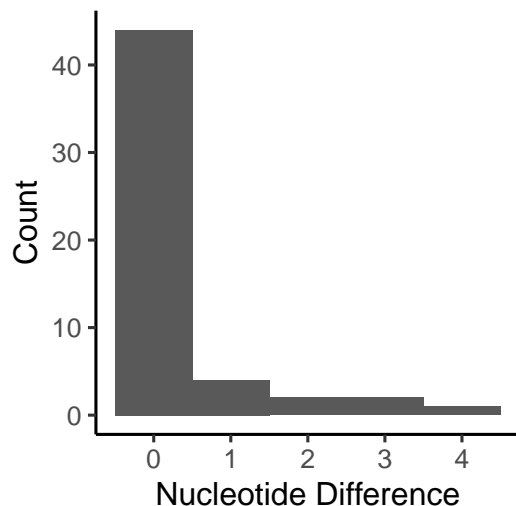
IGKV2–18*01

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



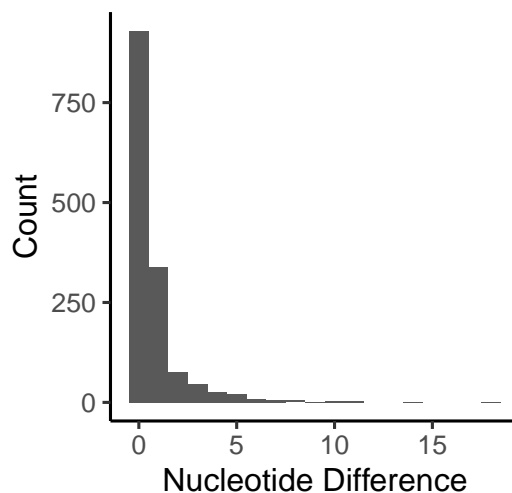
IGKV2-24*01

53 sequences assigned
44 (83%) exact matches, in which:
38 unique CDR3
6 unique J



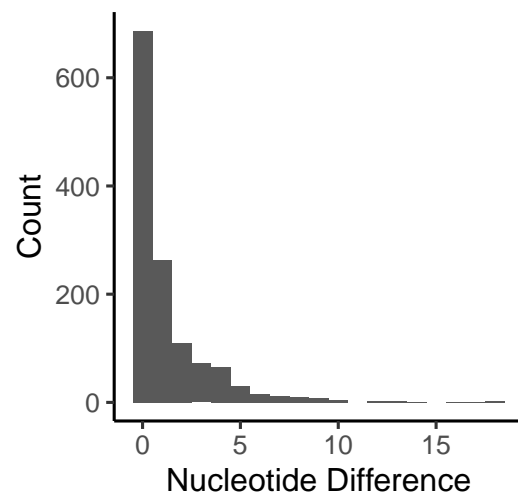
IGKV3-11*01

1474 sequences assigned
930 (63.1%) exact matches, in which:
717 unique CDR3
6 unique J



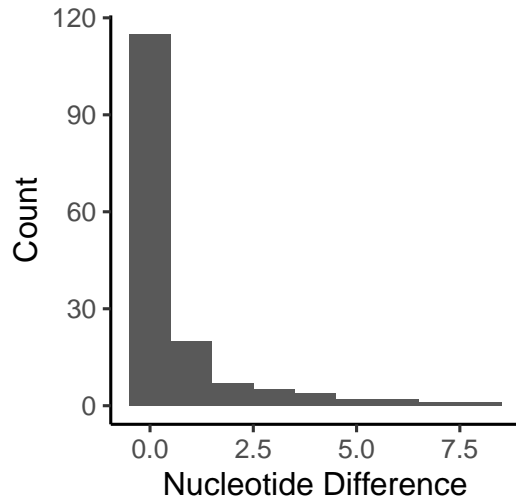
IGKV4-1*01

1290 sequences assigned
687 (53.3%) exact matches, in which:
515 unique CDR3
6 unique J



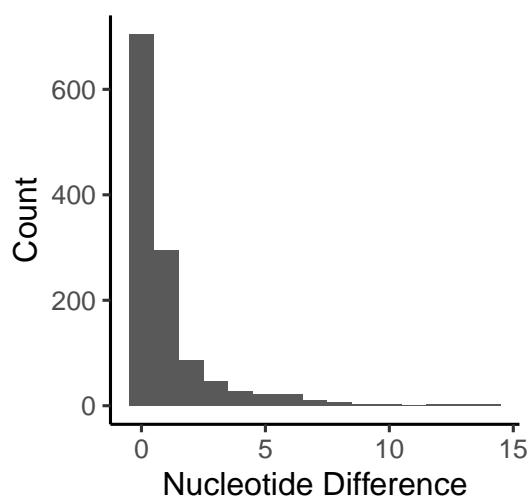
IGKV2-30*01

157 sequences assigned
115 (73.2%) exact matches, in which:
108 unique CDR3
6 unique J



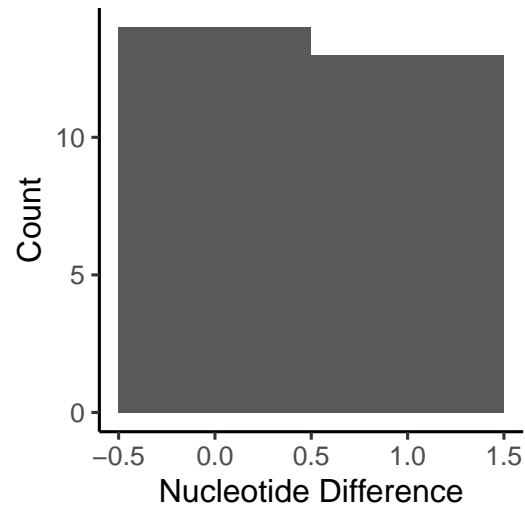
IGKV3-15*01

1233 sequences assigned
705 (57.2%) exact matches, in which:
555 unique CDR3
6 unique J



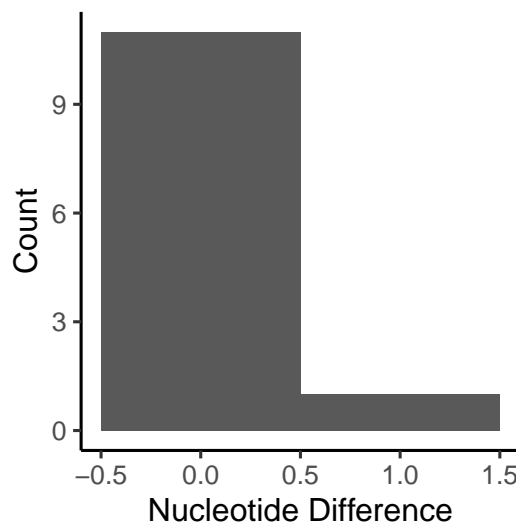
IGKV5-2*01

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



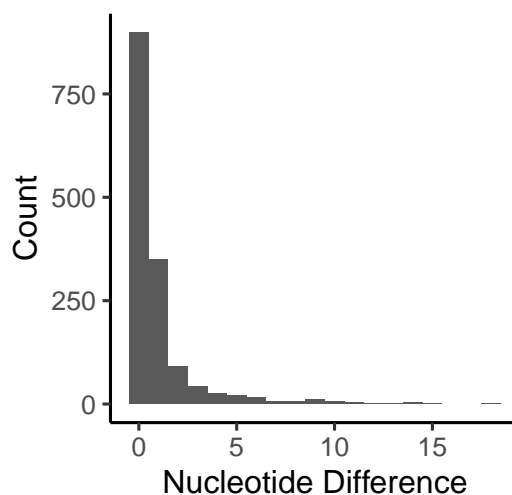
IGKV3-7*04

12 sequences assigned
11 (91.7%) exact matches, in which:
11 unique CDR3
4 unique J



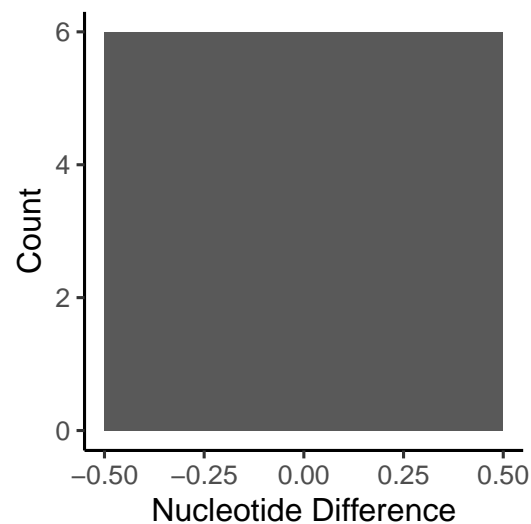
IGKV3-20*01

1490 sequences assigned
899 (60.3%) exact matches, in which:
729 unique CDR3
6 unique J



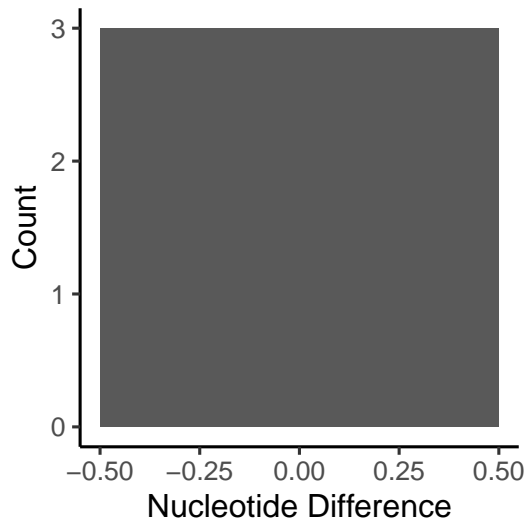
IGKV7-3*01

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



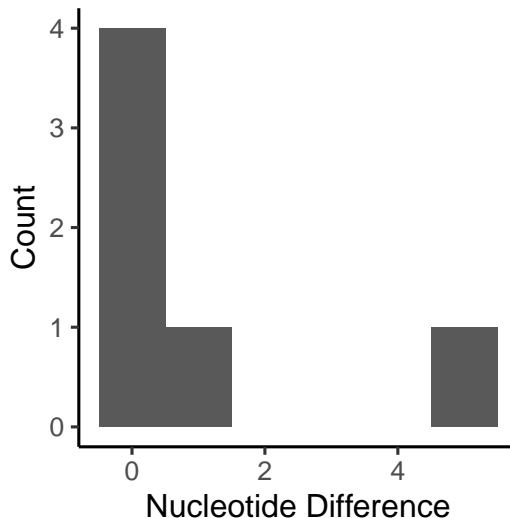
IGKV3D-7*01

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



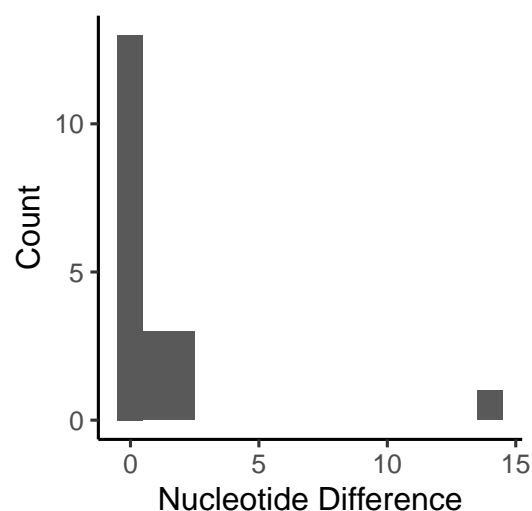
IGKV3D-11*01

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
3 unique J



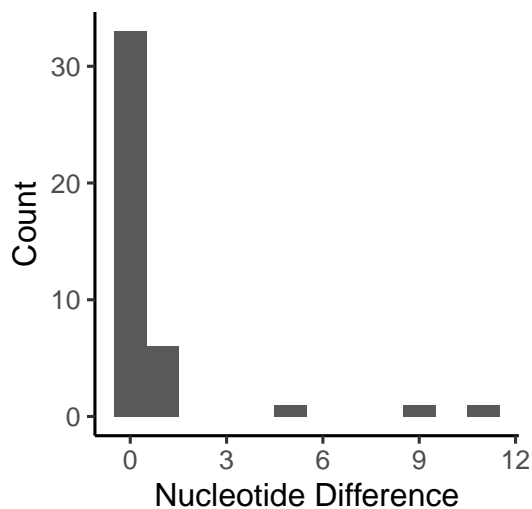
IGKV3D-15*03

20 sequences assigned
13 (65%) exact matches, in which:
11 unique CDR3
4 unique J



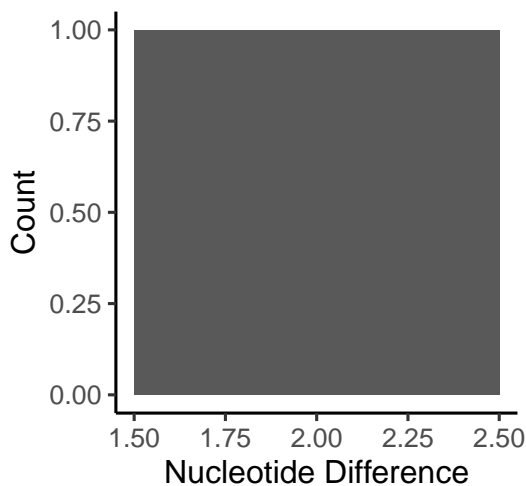
IGKV1D-8*01

42 sequences assigned
33 (78.6%) exact matches, in which:
28 unique CDR3
5 unique J



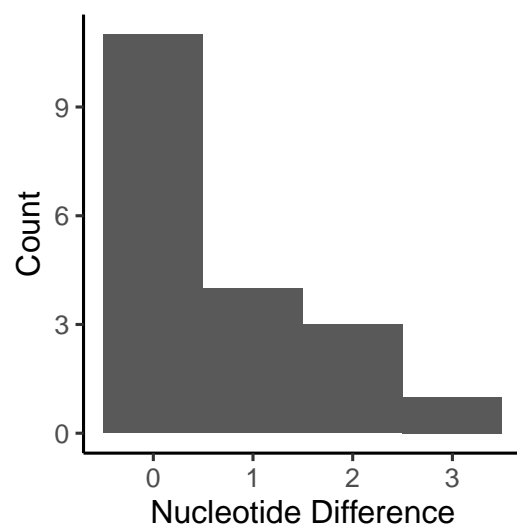
IGKV3D-11*02

1 sequences assigned
No exact matches.



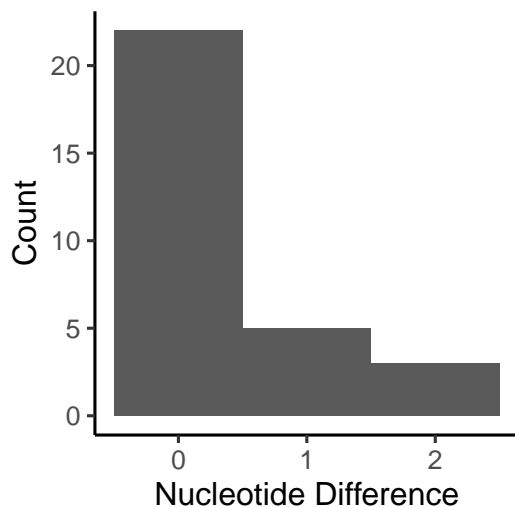
IGKV1D-16*01

19 sequences assigned
11 (57.9%) exact matches, in which:
10 unique CDR3
5 unique J



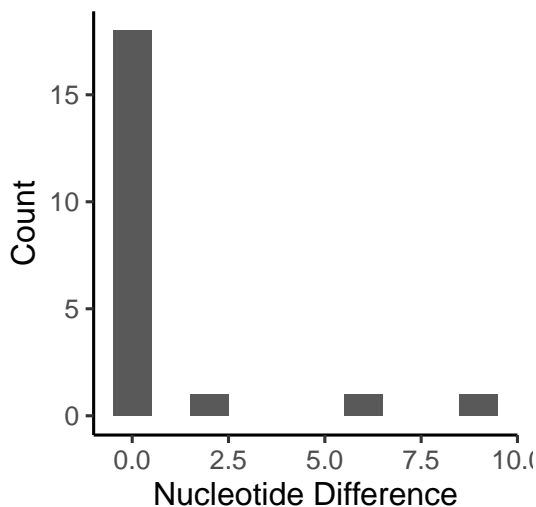
IGKV1D-8*02

30 sequences assigned
22 (73.3%) exact matches, in which:
21 unique CDR3
4 unique J



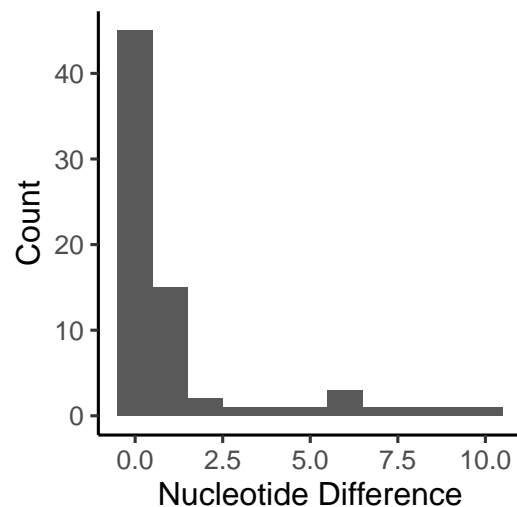
IGKV3D-15*01

21 sequences assigned
18 (85.7%) exact matches, in which:
17 unique CDR3
5 unique J



IGKV3D-20*01

72 sequences assigned
45 (62.5%) exact matches, in which:
41 unique CDR3
6 unique J



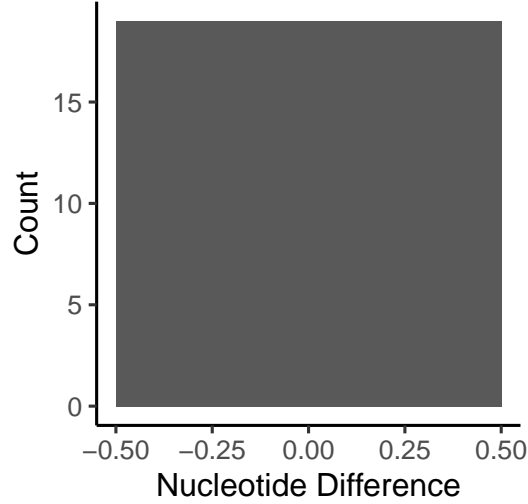
IGKV2D-24*01

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



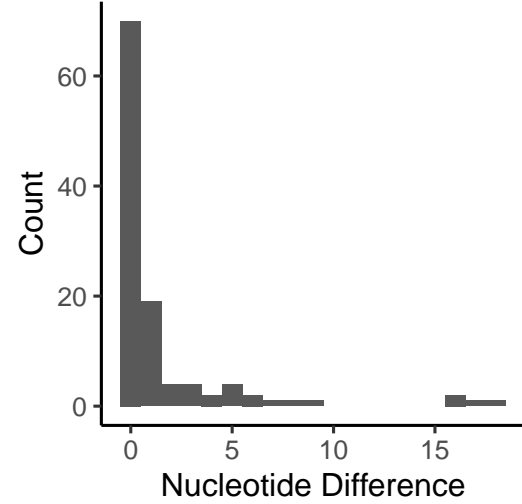
IGKV2D-30*01

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



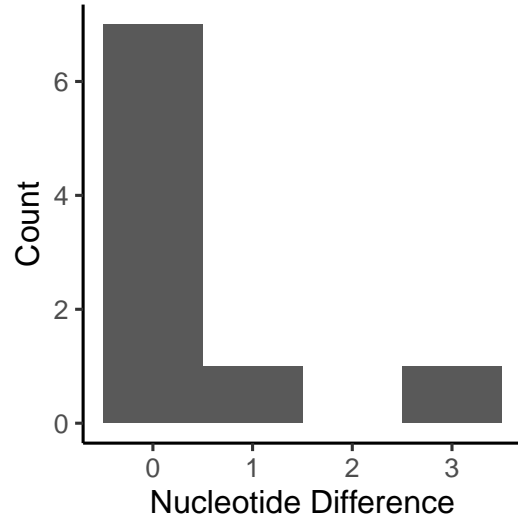
IGKV1E-12*01

112 sequences assigned
70 (62.5%) exact matches, in which:
49 unique CDR3
6 unique J



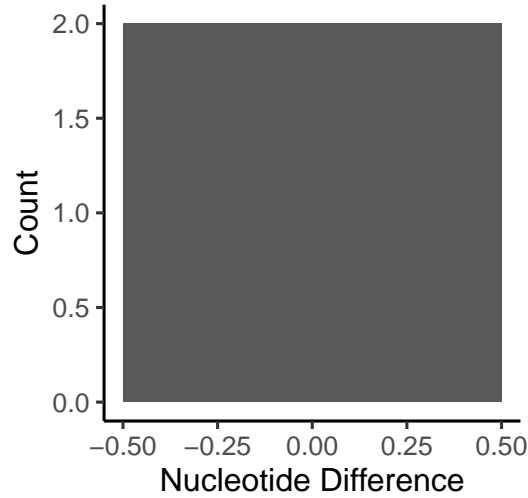
IGKV2D-26*03

9 sequences assigned
7 (77.8%) exact matches, in which:
6 unique CDR3
4 unique J



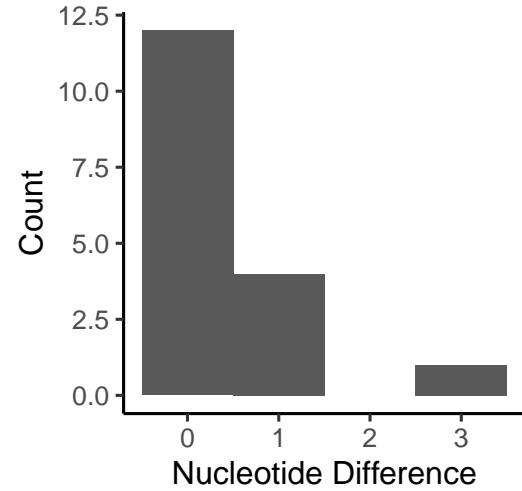
IGKV6D-41*01

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



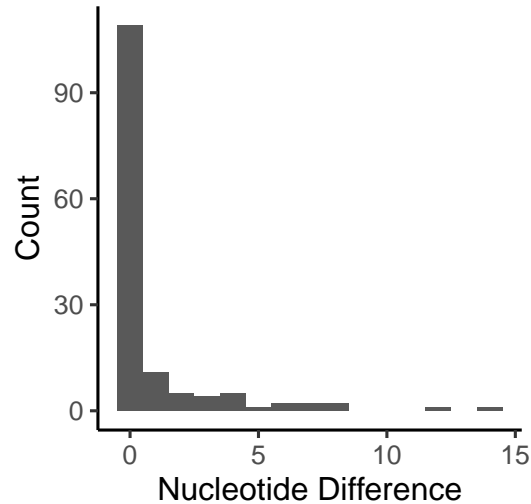
IGKV1E-12*02

17 sequences assigned
12 (70.6%) exact matches, in which:
12 unique CDR3
6 unique J



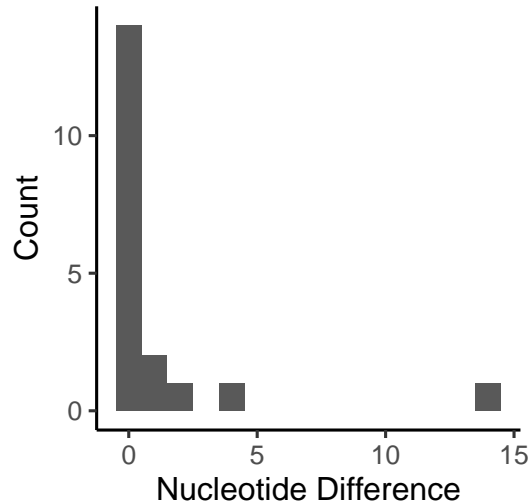
IGKV2D-29*01

143 sequences assigned
109 (76.2%) exact matches, in which:
101 unique CDR3
6 unique J



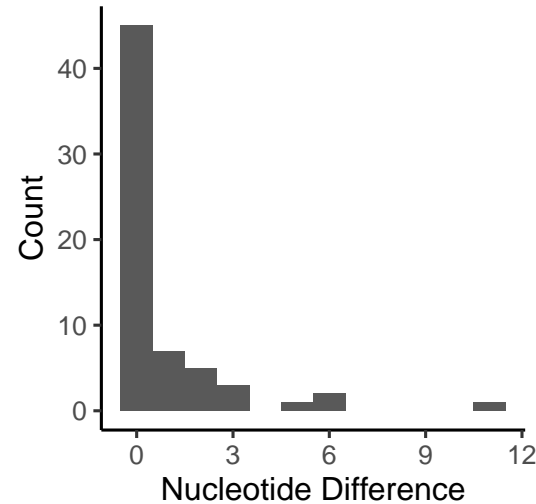
IGKV1D-43*01

19 sequences assigned
14 (73.7%) exact matches, in which:
14 unique CDR3
5 unique J



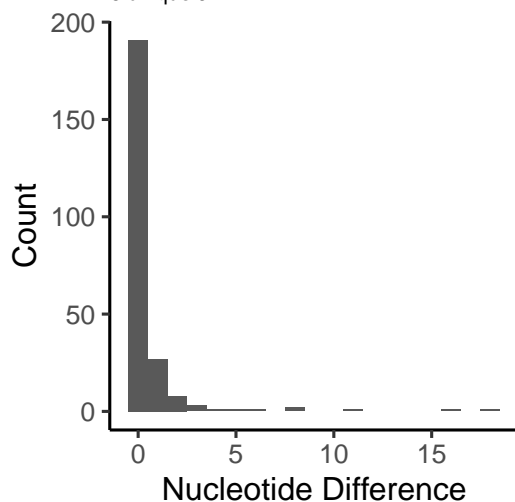
IGKV1E-12*03

64 sequences assigned
45 (70.3%) exact matches, in which:
39 unique CDR3
6 unique J



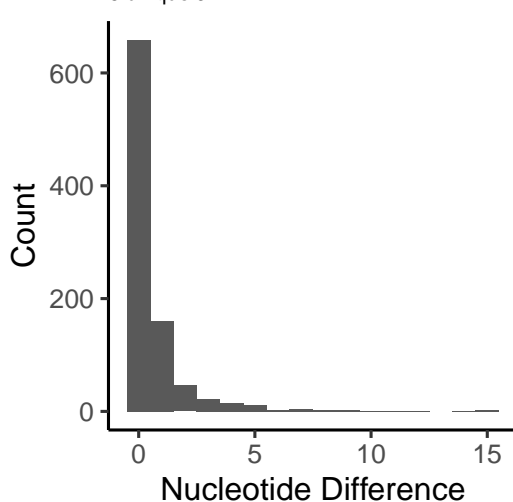
IGKV1E-13*02

238 sequences assigned
191 (80.3%) exact matches, in which:
164 unique CDR3
6 unique J



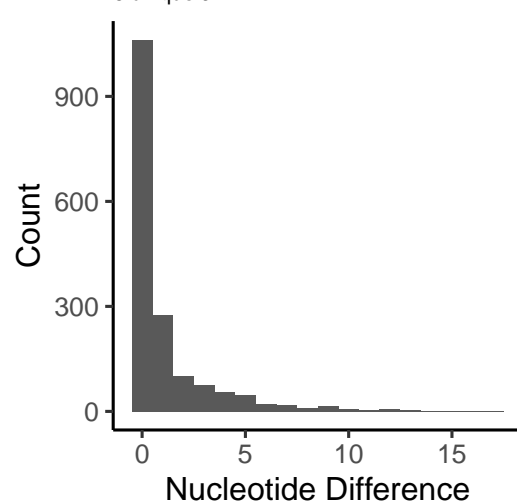
IGKV2E-28*01

932 sequences assigned
659 (70.7%) exact matches, in which:
514 unique CDR3
6 unique J



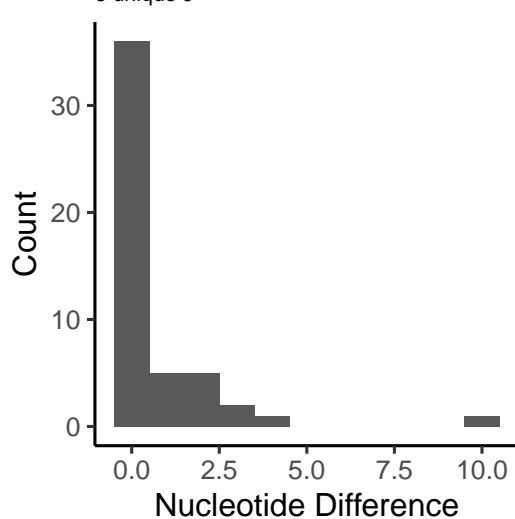
IGKV1E-39*01

1709 sequences assigned
1062 (62.1%) exact matches, in which:
814 unique CDR3
6 unique J



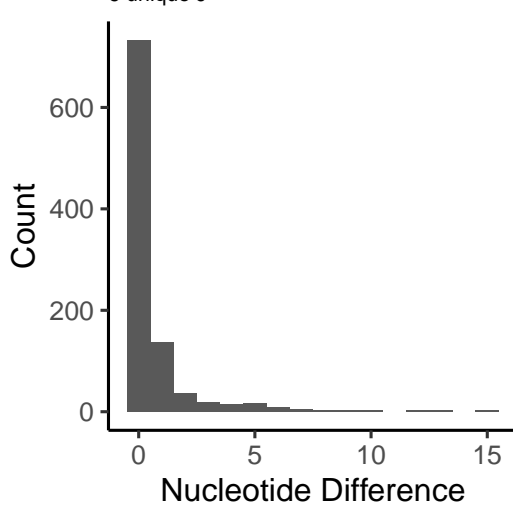
IGKV6E-21*01

50 sequences assigned
36 (72%) exact matches, in which:
35 unique CDR3
6 unique J



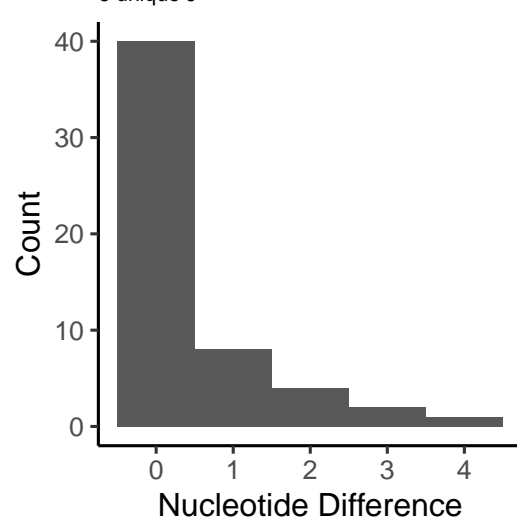
IGKV1E-33*01

984 sequences assigned
733 (74.5%) exact matches, in which:
556 unique CDR3
6 unique J



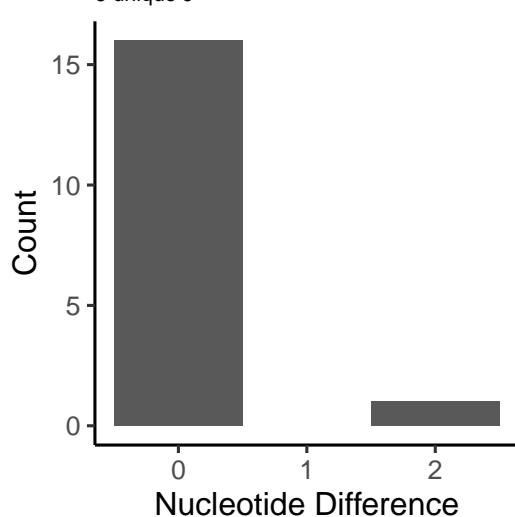
IGKV2E-40*01

57 sequences assigned
40 (70.2%) exact matches, in which:
34 unique CDR3
6 unique J



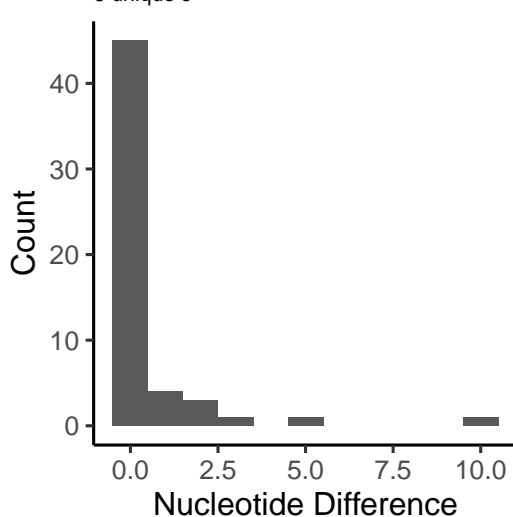
IGKV6E-21*03

17 sequences assigned
16 (94.1%) exact matches, in which:
14 unique CDR3
6 unique J

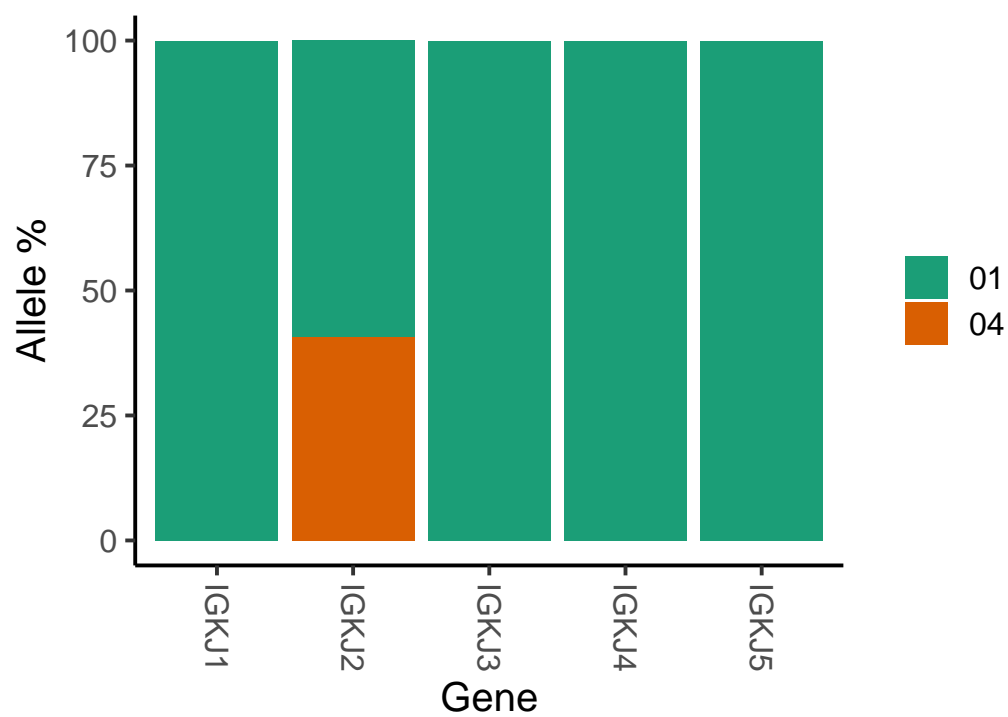


IGKV1E-37*01

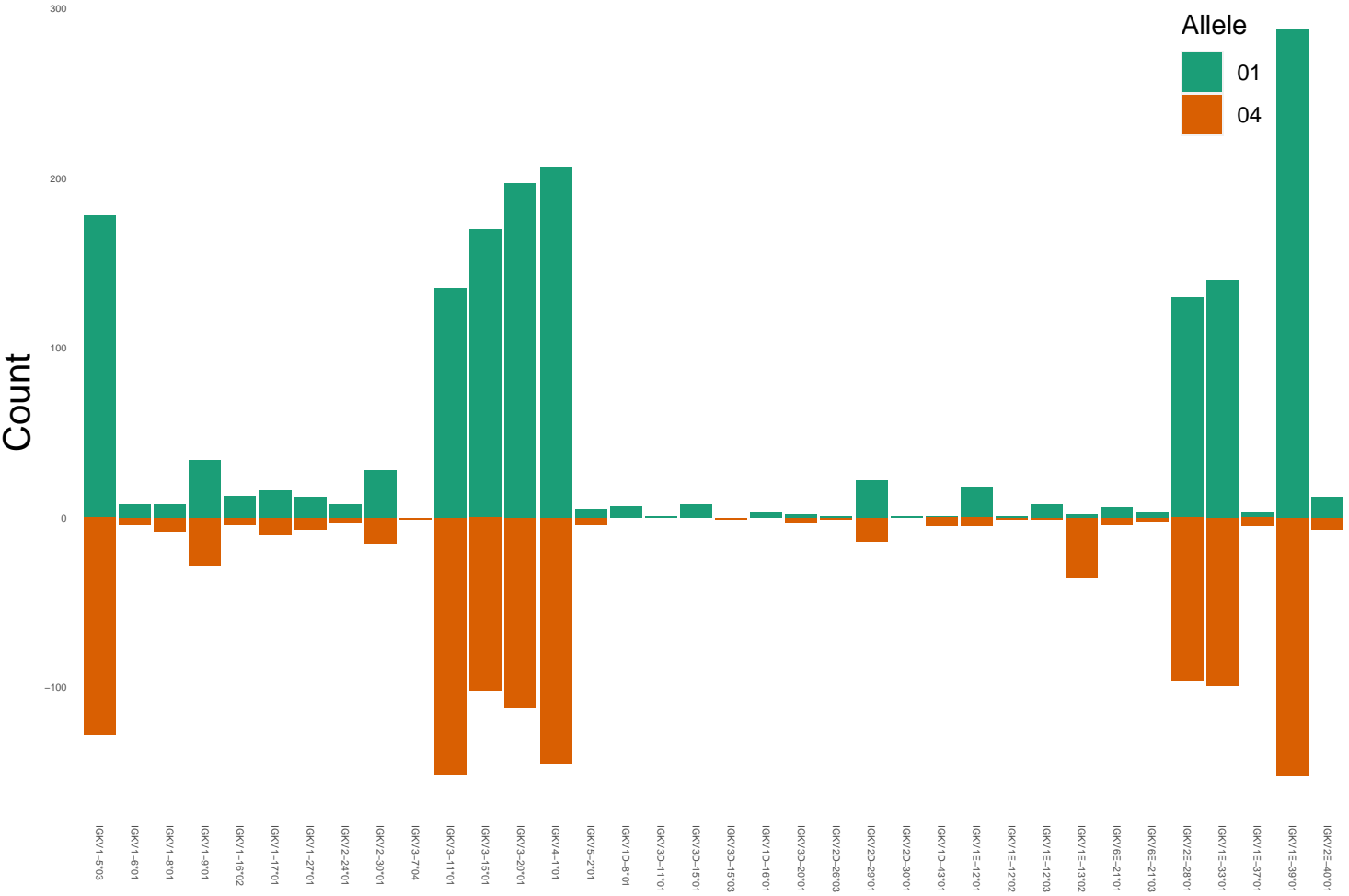
55 sequences assigned
45 (81.8%) exact matches, in which:
45 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.