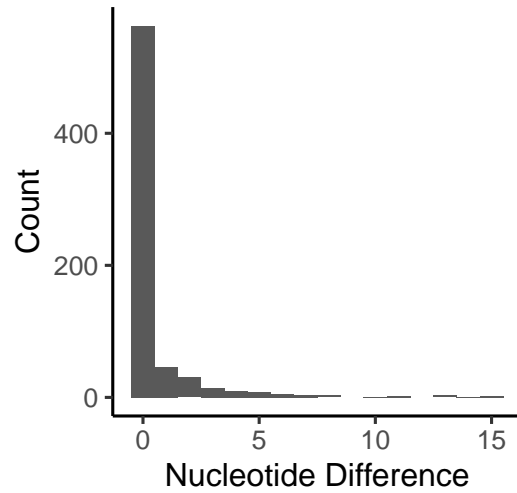


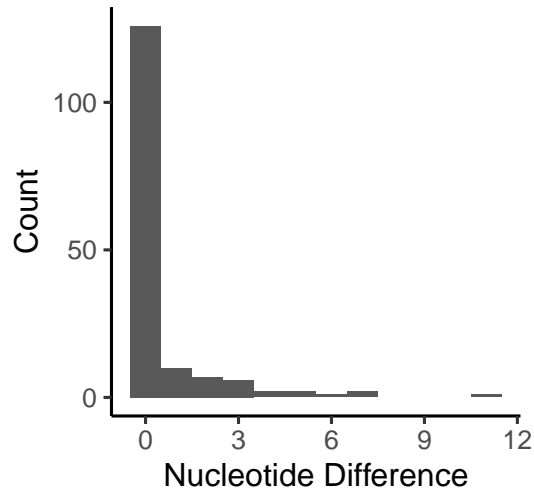
IGKV1-5*03

692 sequences assigned
563 (81.4%) exact matches, in which:
406 unique CDR3
6 unique J



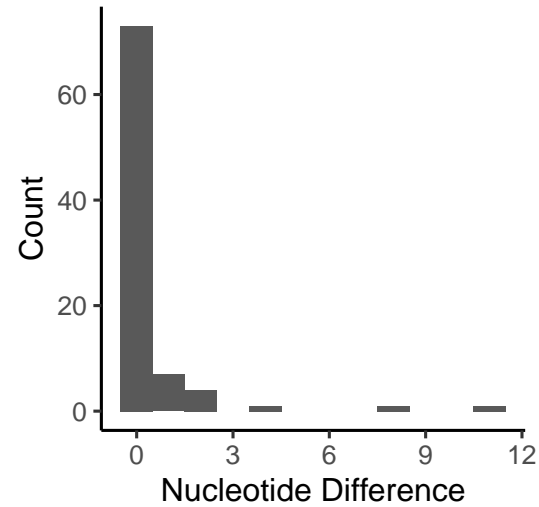
IGKV1-9*01

157 sequences assigned
126 (80.3%) exact matches, in which:
105 unique CDR3
6 unique J



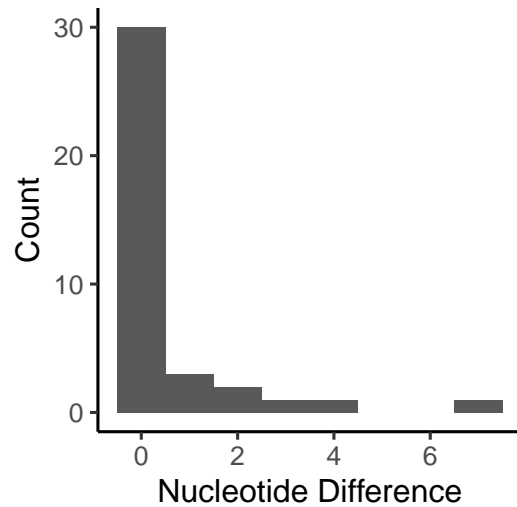
IGKV1-17*01

87 sequences assigned
73 (83.9%) exact matches, in which:
48 unique CDR3
6 unique J



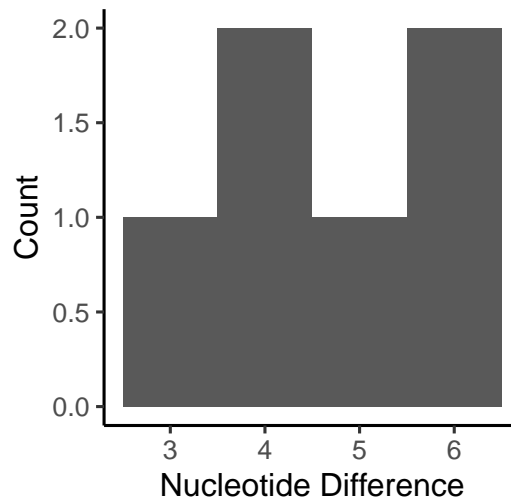
IGKV1-6*01

38 sequences assigned
30 (78.9%) exact matches, in which:
19 unique CDR3
5 unique J



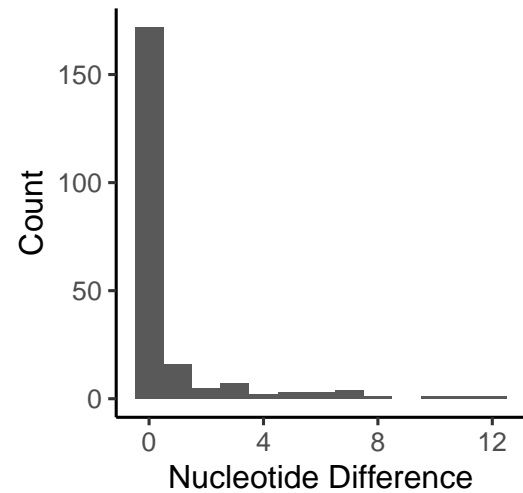
IGKV1-16*01

6 sequences assigned
No exact matches.



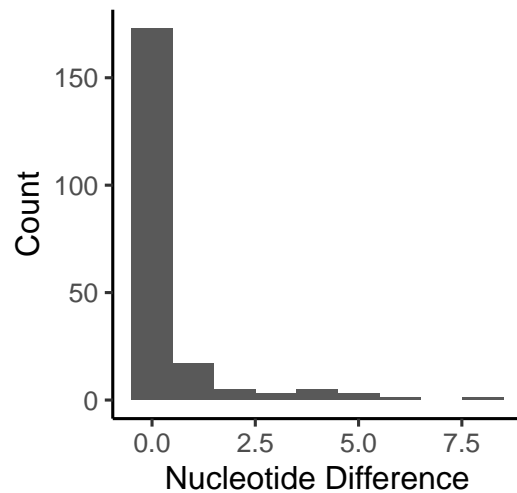
IGKV1-27*01

216 sequences assigned
172 (79.6%) exact matches, in which:
103 unique CDR3
6 unique J



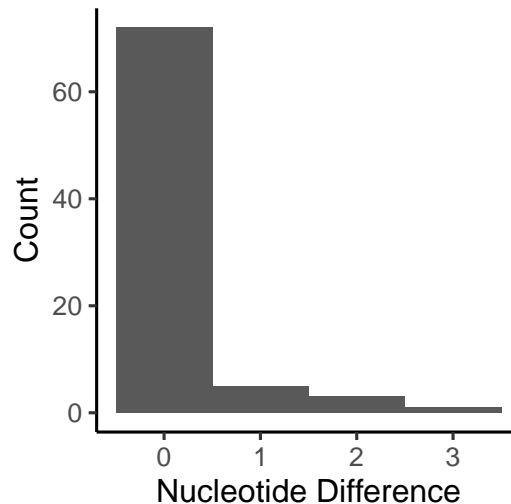
IGKV1-8*01

208 sequences assigned
173 (83.2%) exact matches, in which:
116 unique CDR3
6 unique J



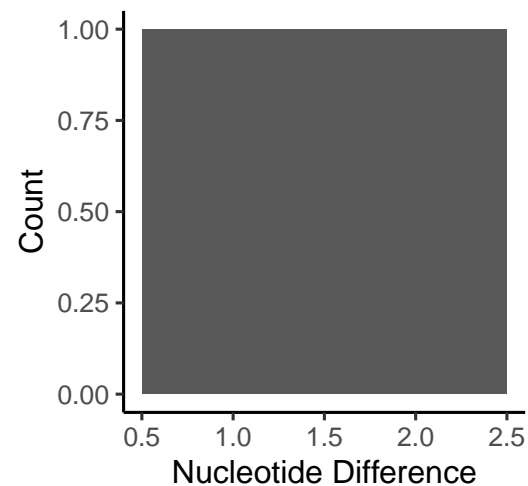
IGKV1-16*02

81 sequences assigned
72 (88.9%) exact matches, in which:
50 unique CDR3
5 unique J



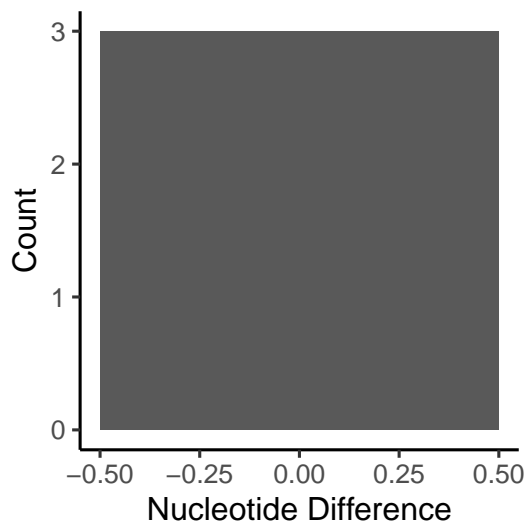
IGKV2/OR22-4*01

2 sequences assigned
No exact matches.



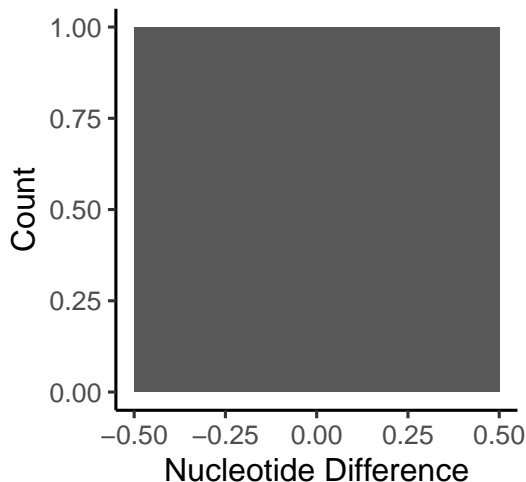
IGKV2–18*01

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



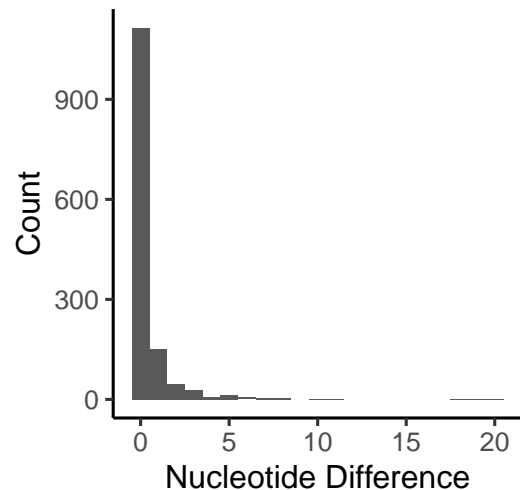
IGKV1/OR2–108*01

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



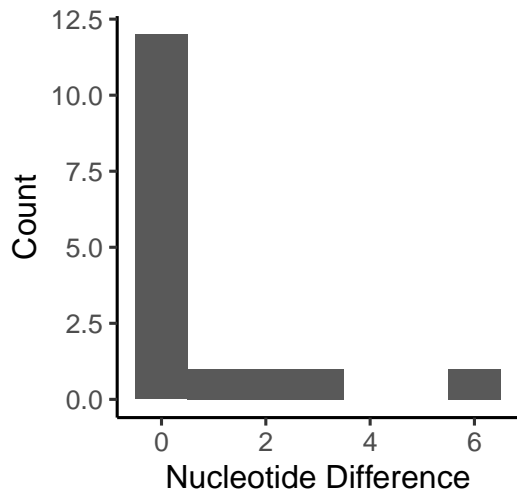
IGKV3–11*01

1384 sequences assigned
1115 (80.6%) exact matches, in which:
738 unique CDR3
6 unique J



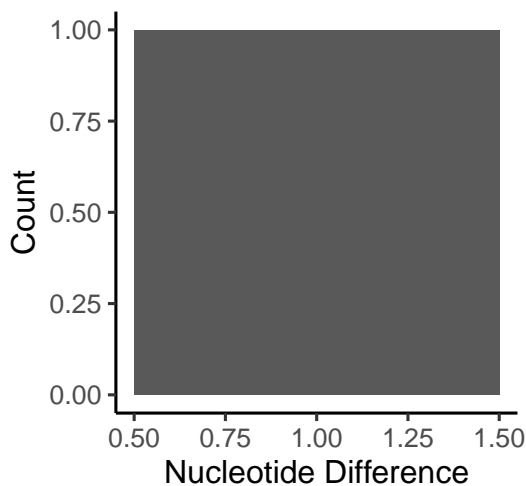
IGKV2–24*01

16 sequences assigned
12 (75%) exact matches, in which:
11 unique CDR3
5 unique J



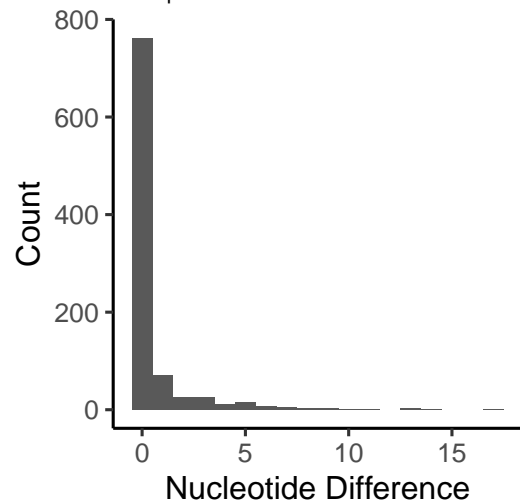
IGKV3/OR2–268*01

1 sequences assigned
No exact matches.



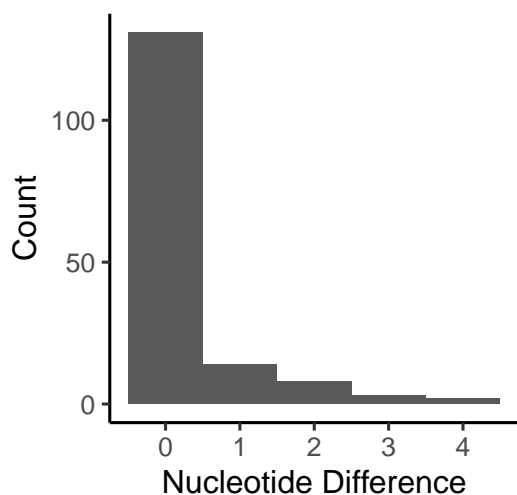
IGKV3–15*01

938 sequences assigned
762 (81.2%) exact matches, in which:
560 unique CDR3
6 unique J



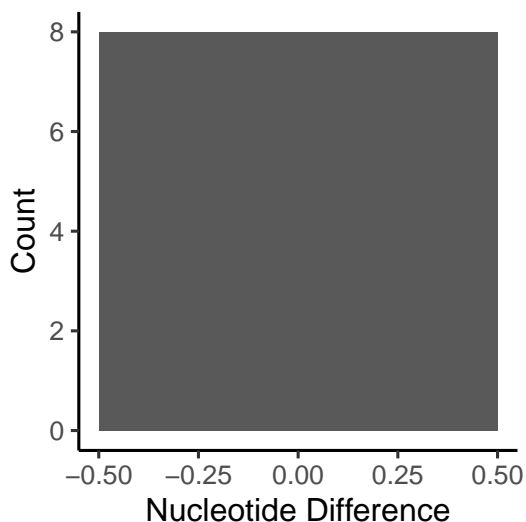
IGKV2–30*01

158 sequences assigned
131 (82.9%) exact matches, in which:
117 unique CDR3
6 unique J



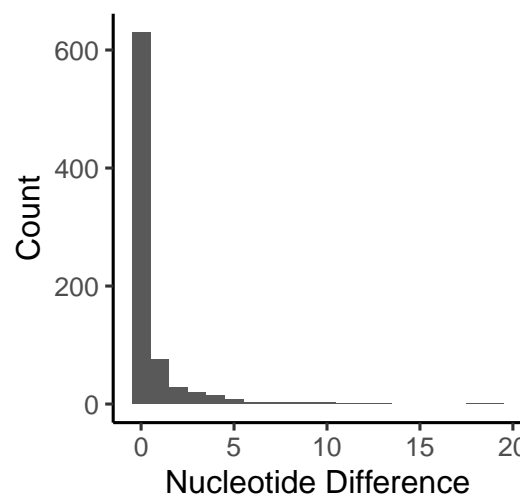
IGKV3–7*04

8 sequences assigned
8 (100%) exact matches, in which:
8 unique CDR3
5 unique J



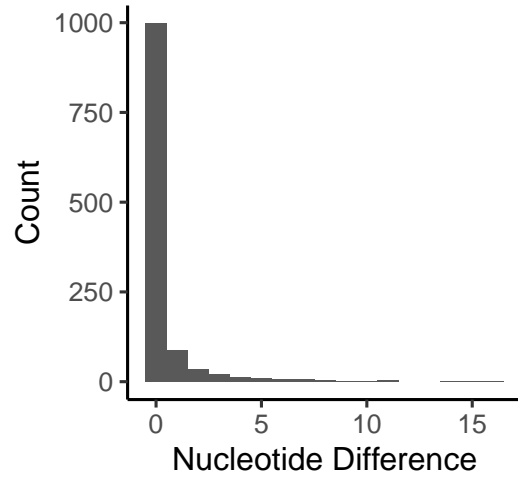
IGKV3–20*01

794 sequences assigned
630 (79.3%) exact matches, in which:
458 unique CDR3
6 unique J



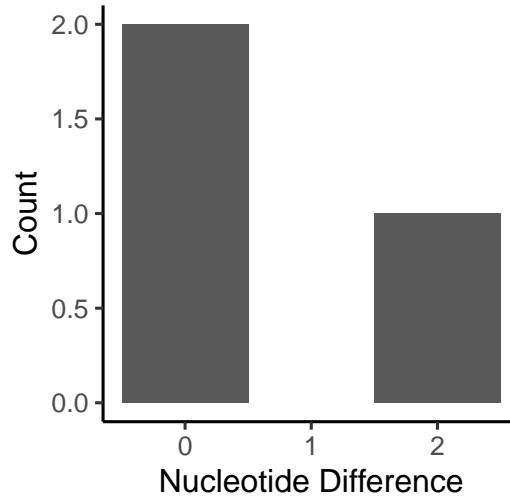
IGKV4-1*01

1194 sequences assigned
998 (83.6%) exact matches, in which:
561 unique CDR3
6 unique J



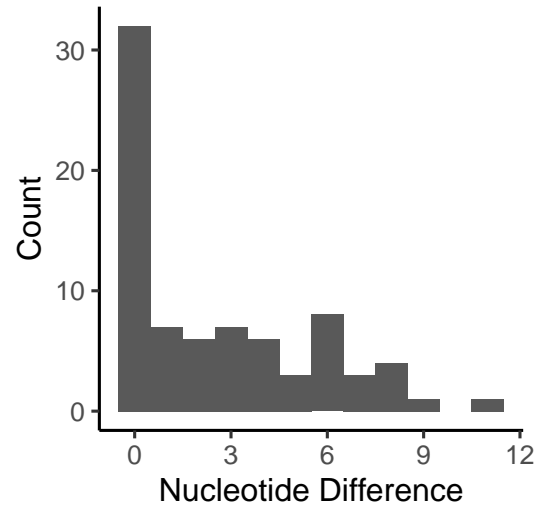
IGKV3D-7*01

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



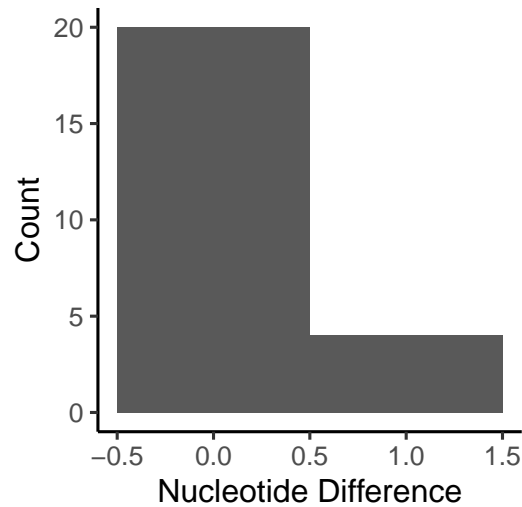
IGKV3D-15*01

78 sequences assigned
32 (41%) exact matches, in which:
30 unique CDR3
6 unique J



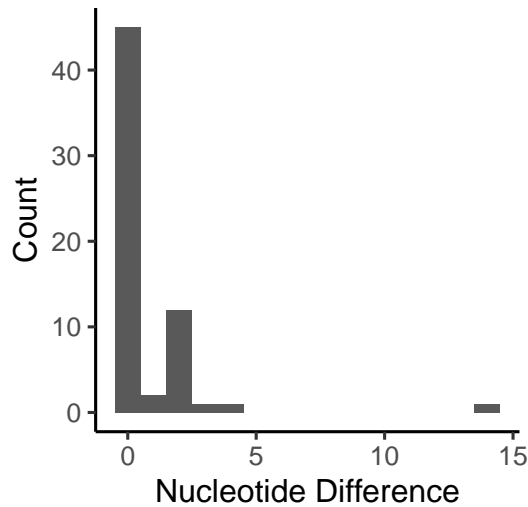
IGKV5-2*01

24 sequences assigned
20 (83.3%) exact matches, in which:
17 unique CDR3
5 unique J



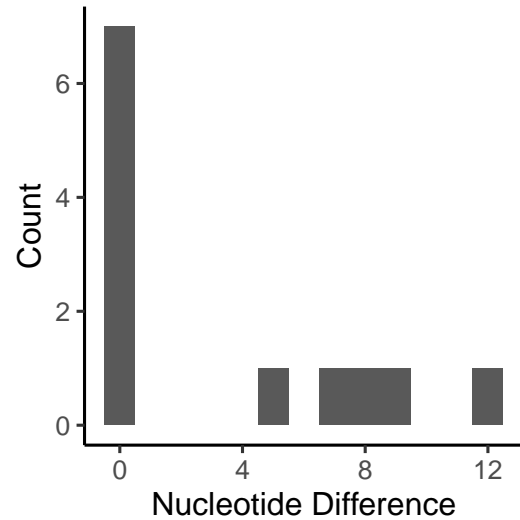
IGKV1D-8*01

62 sequences assigned
45 (72.6%) exact matches, in which:
28 unique CDR3
6 unique J



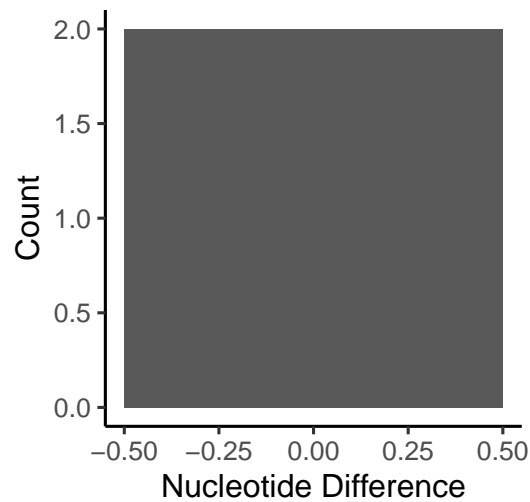
IGKV1D-16*01

12 sequences assigned
7 (58.3%) exact matches, in which:
6 unique CDR3
5 unique J



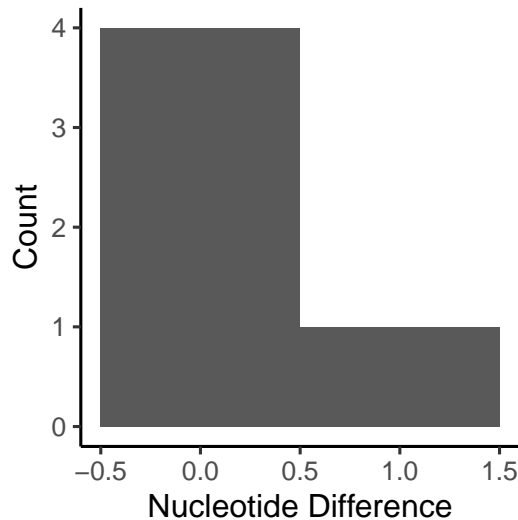
IGKV7-3*01

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



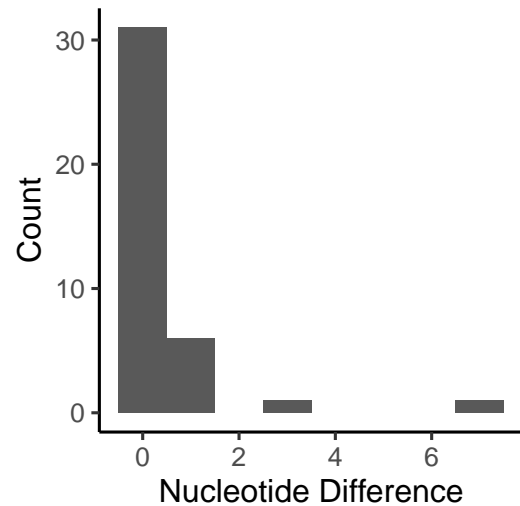
IGKV3D-11*01

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



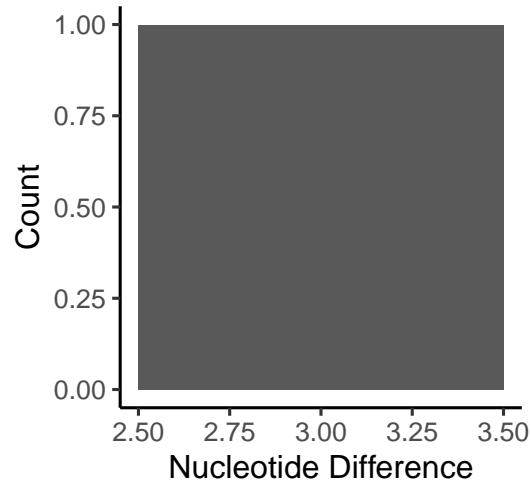
IGKV3D-20*01

39 sequences assigned
31 (79.5%) exact matches, in which:
25 unique CDR3
6 unique J



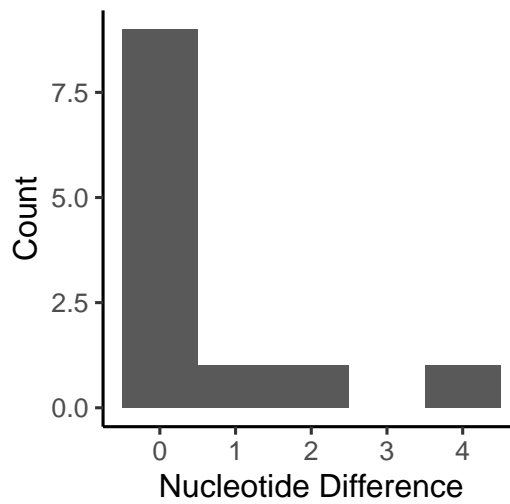
IGKV2D-24*01

1 sequences assigned
No exact matches.



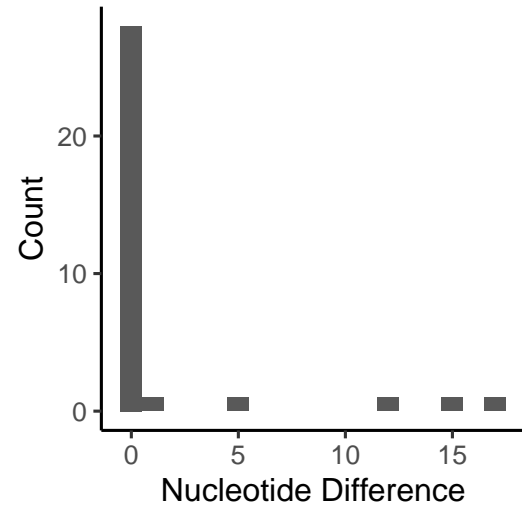
IGKV2D-30*01

12 sequences assigned
9 (75%) exact matches, in which:
8 unique CDR3
4 unique J



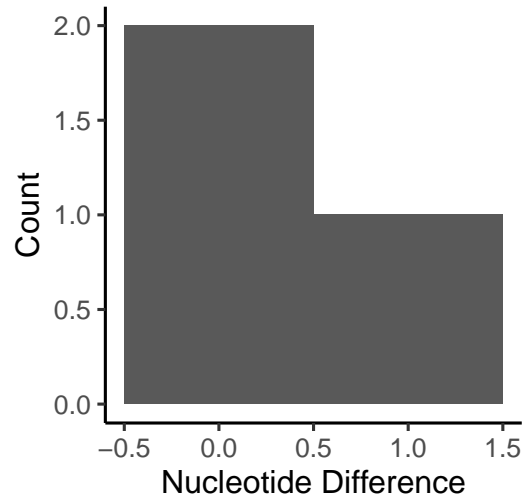
IGKV1E-12*03

33 sequences assigned
28 (84.8%) exact matches, in which:
21 unique CDR3
5 unique J



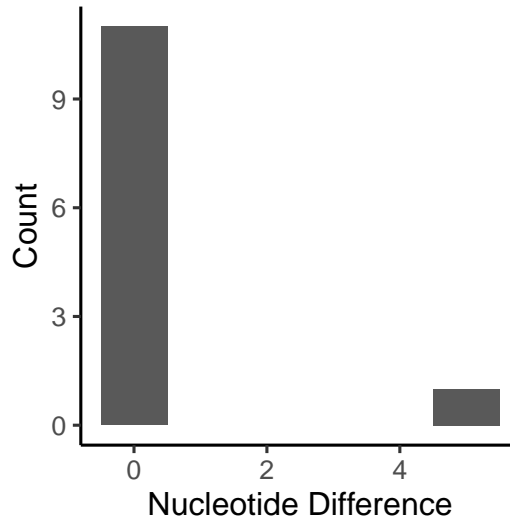
IGKV2D-26*03

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



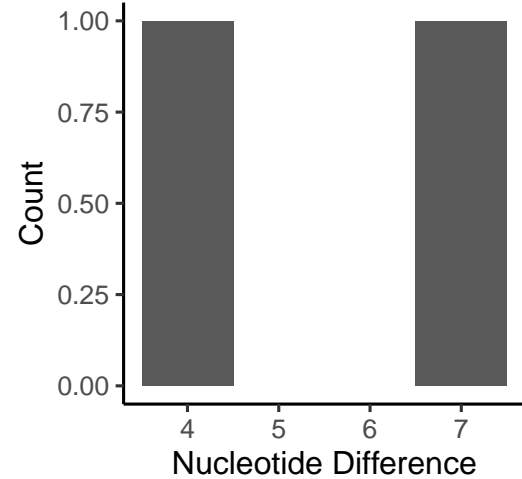
IGKV1D-43*01

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



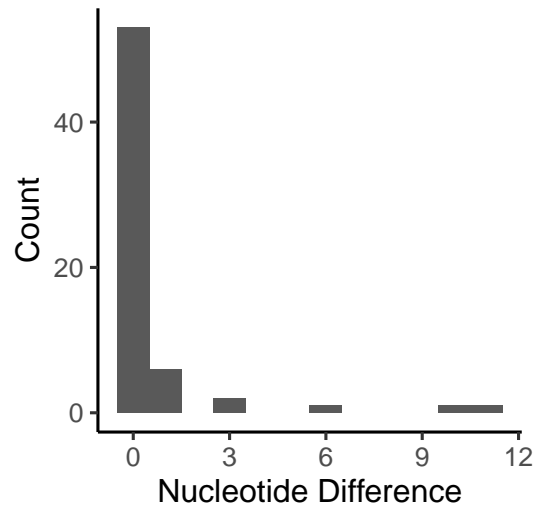
IGKV1E-13*02

2 sequences assigned
No exact matches.



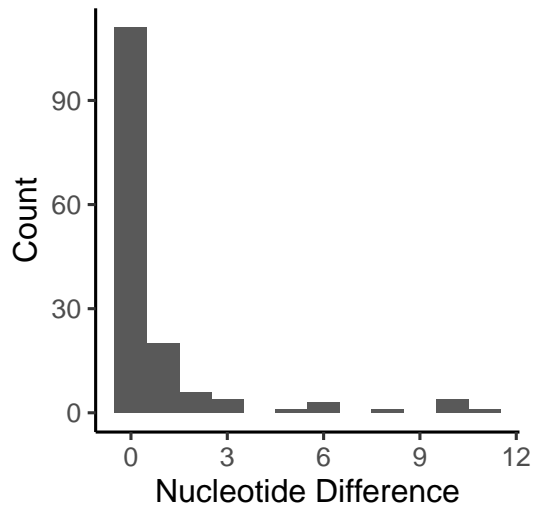
IGKV2D-29*01

64 sequences assigned
53 (82.8%) exact matches, in which:
44 unique CDR3
6 unique J



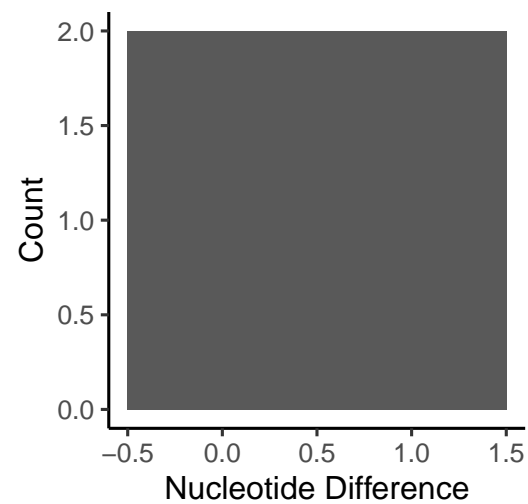
IGKV1E-12*01

151 sequences assigned
111 (73.5%) exact matches, in which:
69 unique CDR3
6 unique J



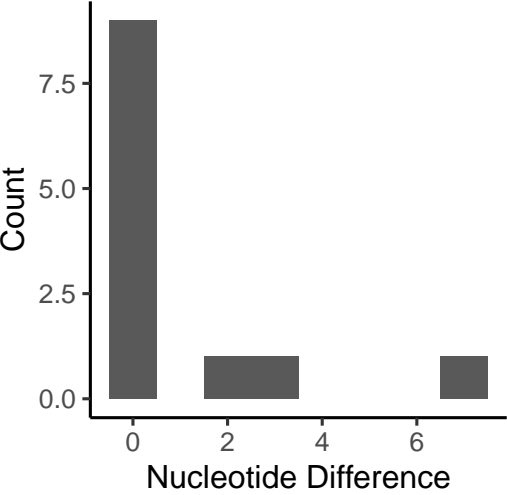
IGKV1E-13*03

4 sequences assigned
2 (50%) exact matches, in which:
2 unique CDR3
2 unique J



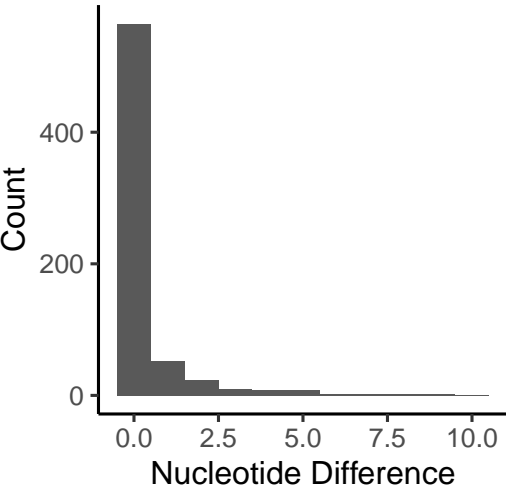
IGKV6E-21*01

12 sequences assigned
9 (75%) exact matches, in which:
7 unique CDR3
3 unique J



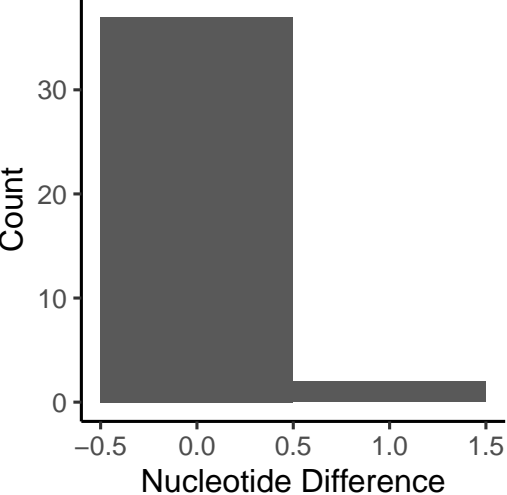
IGKV1E-33*01

676 sequences assigned
565 (83.6%) exact matches, in which:
338 unique CDR3
6 unique J



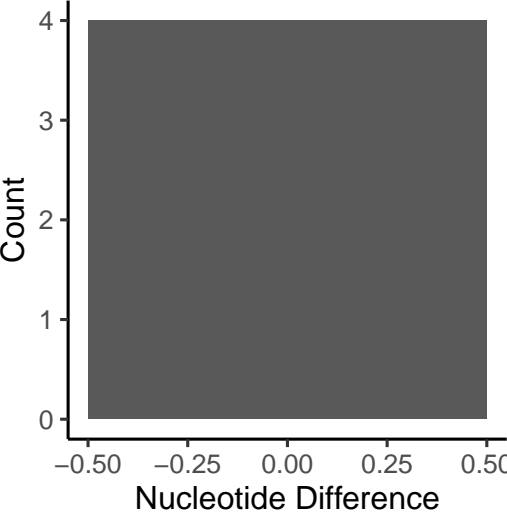
IGKV2E-40*01

39 sequences assigned
37 (94.9%) exact matches, in which:
31 unique CDR3
6 unique J



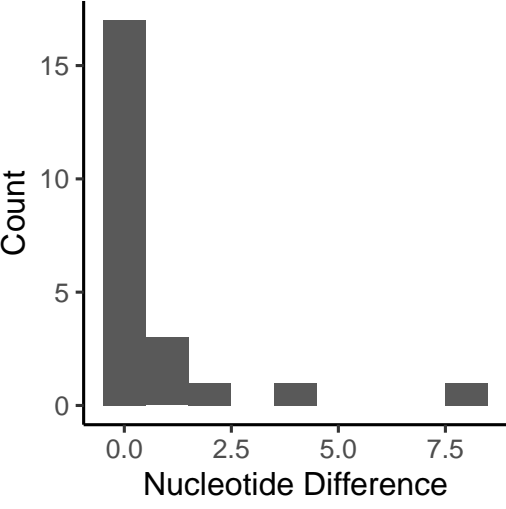
IGKV6E-21*03

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



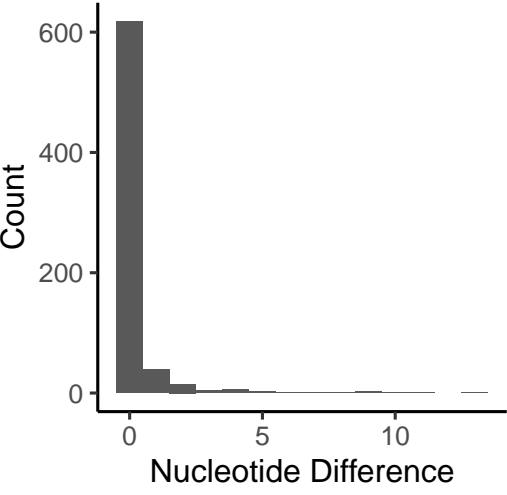
IGKV1E-37*01

23 sequences assigned
17 (73.9%) exact matches, in which:
15 unique CDR3
6 unique J



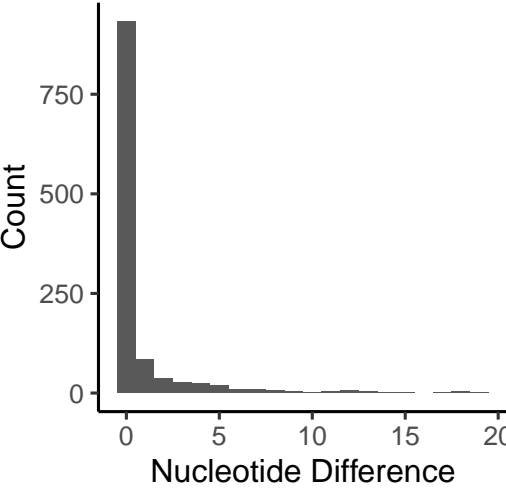
IGKV2E-28*01

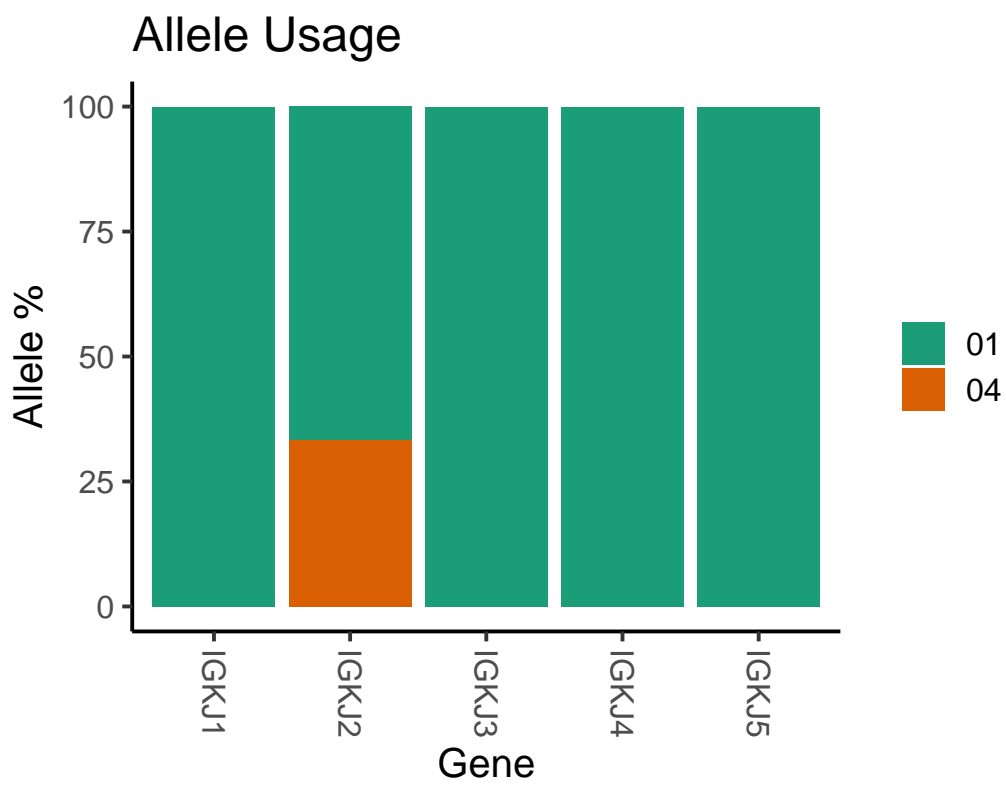
693 sequences assigned
618 (89.2%) exact matches, in which:
421 unique CDR3
6 unique J



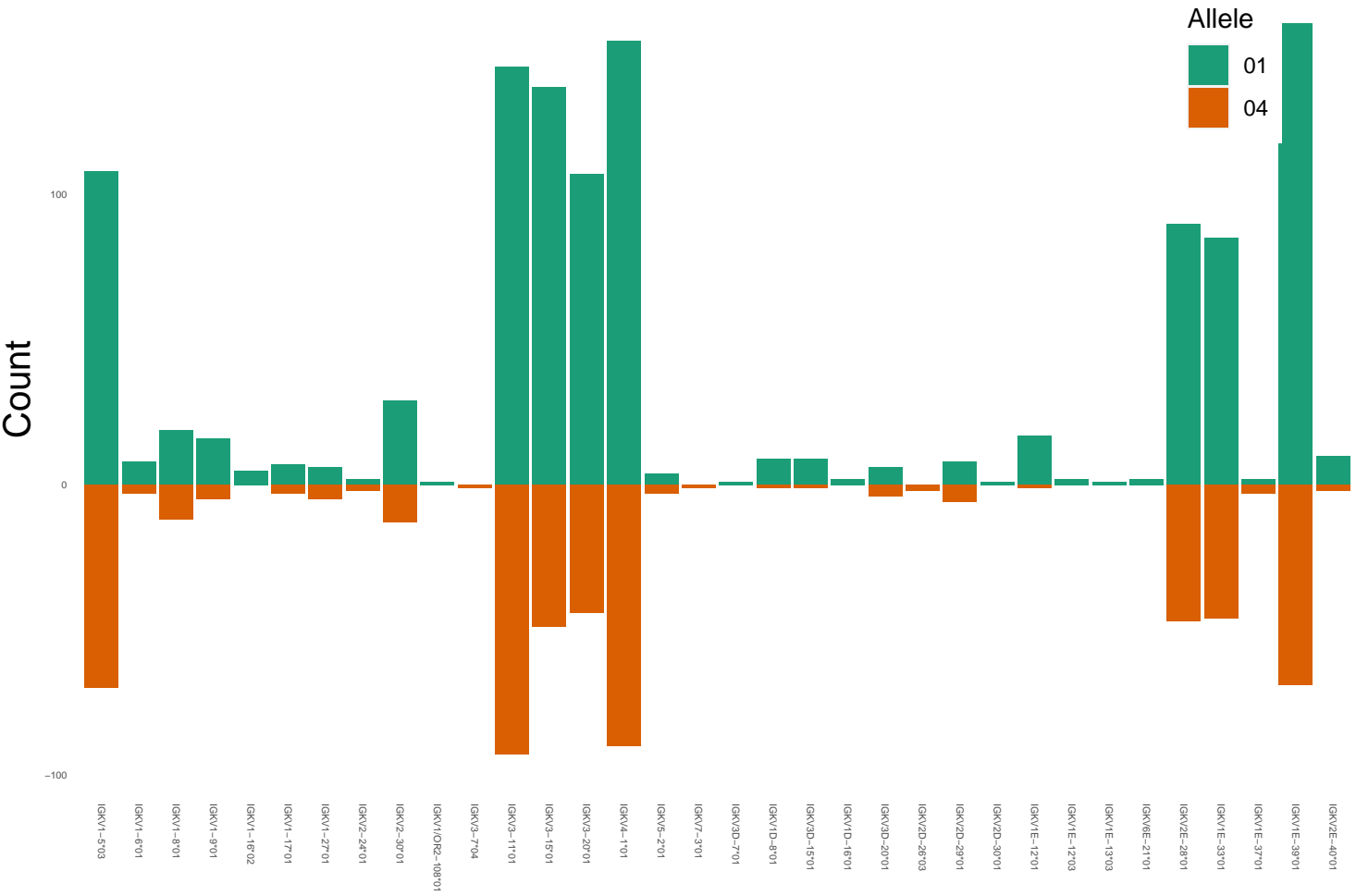
IGKV1E-39*01

1175 sequences assigned
933 (79.4%) exact matches, in which:
541 unique CDR3
6 unique J





Sequence Count by IGKJ2 allele usage



Warning – no inferred sequences found.