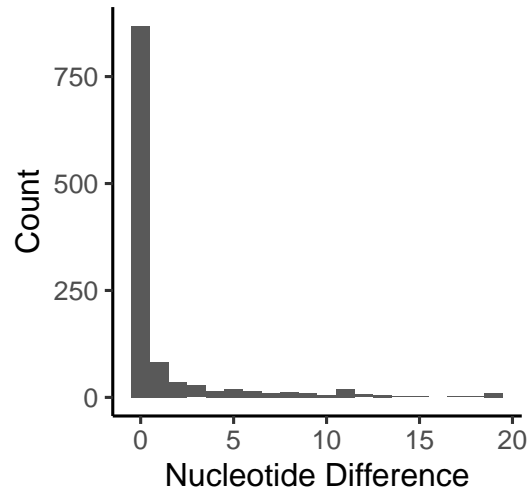


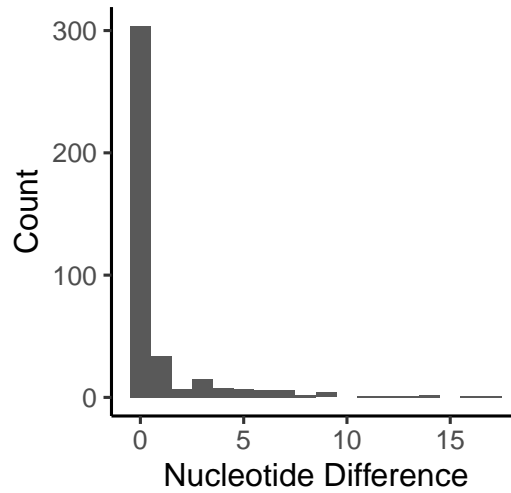
IGKV1–5*03

1160 sequences assigned
869 (74.9%) exact matches, in which:
716 unique CDR3
5 unique J



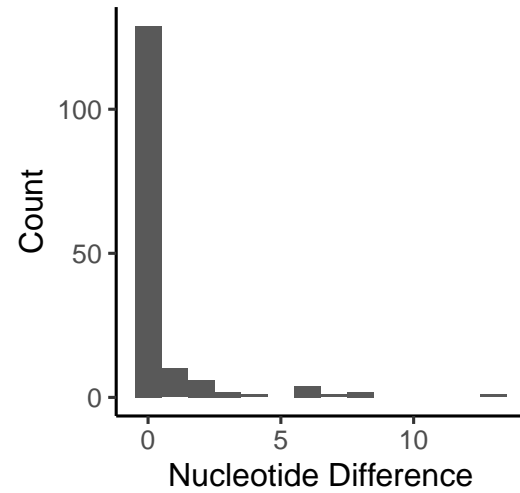
IGKV1–9*01

400 sequences assigned
304 (76%) exact matches, in which:
262 unique CDR3
5 unique J



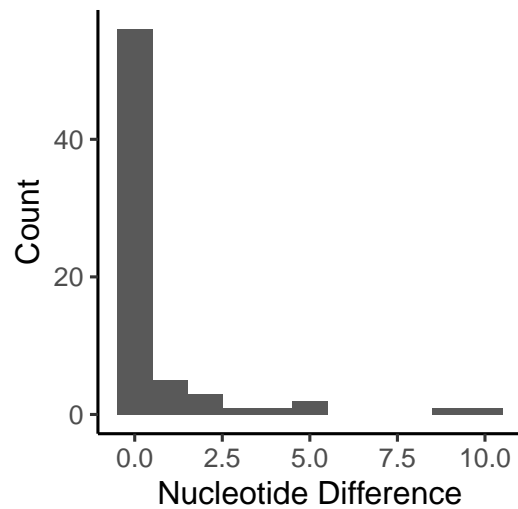
IGKV1–17*01

156 sequences assigned
129 (82.7%) exact matches, in which:
107 unique CDR3
5 unique J



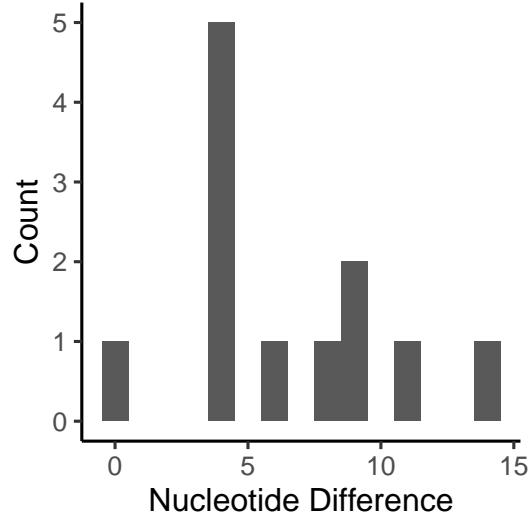
IGKV1–6*01

71 sequences assigned
56 (78.9%) exact matches, in which:
41 unique CDR3
5 unique J



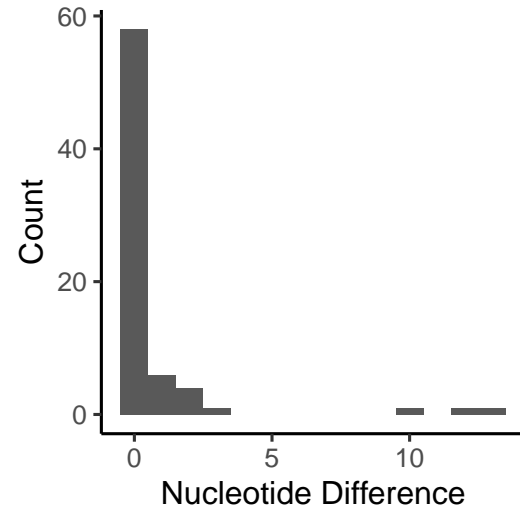
IGKV1–16*01

12 sequences assigned
1 (8.3%) exact matches, in which:
1 unique CDR3
1 unique J



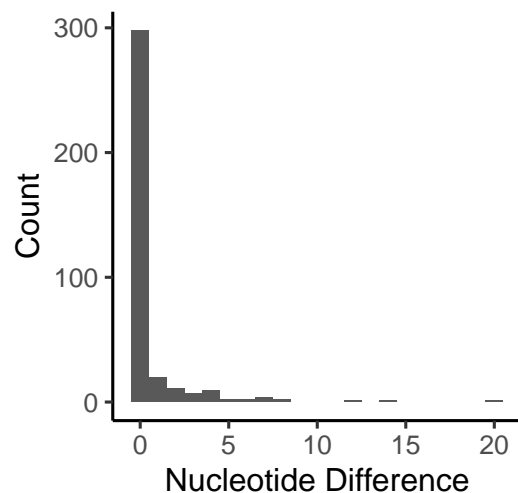
IGKV1–27*01_C154A

72 sequences assigned
58 (80.6%) exact matches, in which:
47 unique CDR3
5 unique J



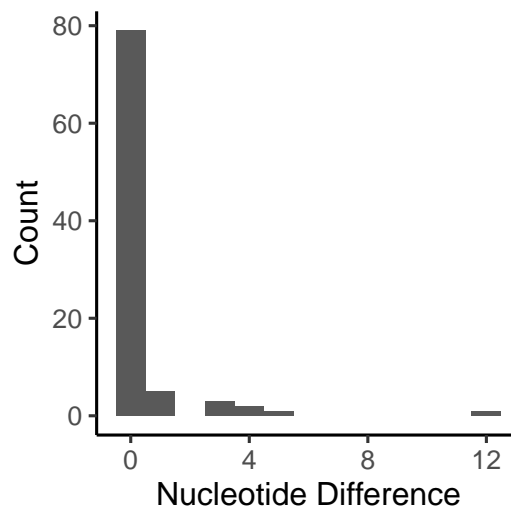
IGKV1–8*01

359 sequences assigned
298 (83%) exact matches, in which:
223 unique CDR3
5 unique J



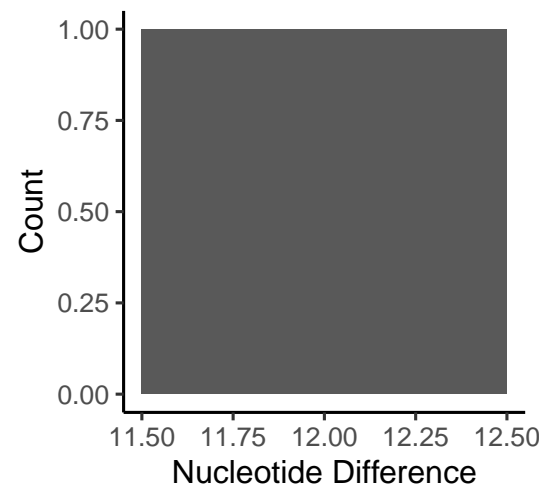
IGKV1–16*02

91 sequences assigned
79 (86.8%) exact matches, in which:
72 unique CDR3
5 unique J



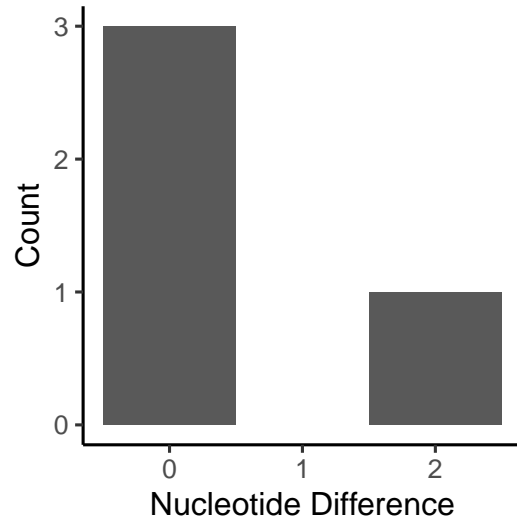
IGKV1–NL1*01

1 sequences assigned
No exact matches.



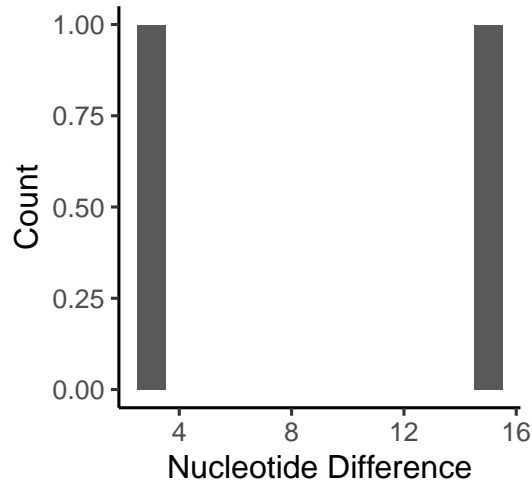
IGKV2–18*01

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



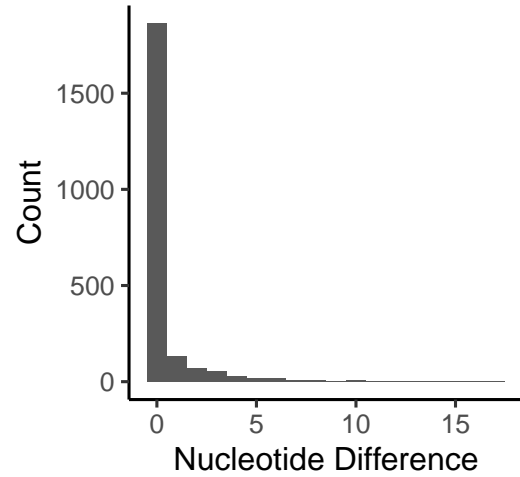
IGKV2–29*03

2 sequences assigned
No exact matches.



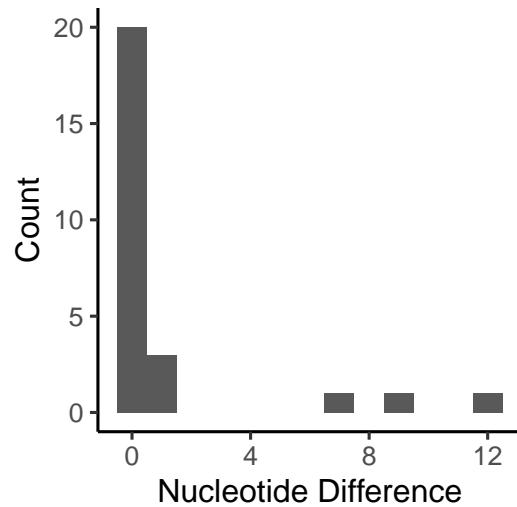
IGKV3–11*01

2233 sequences assigned
1863 (83.4%) exact matches, in which:
1288 unique CDR3
5 unique J



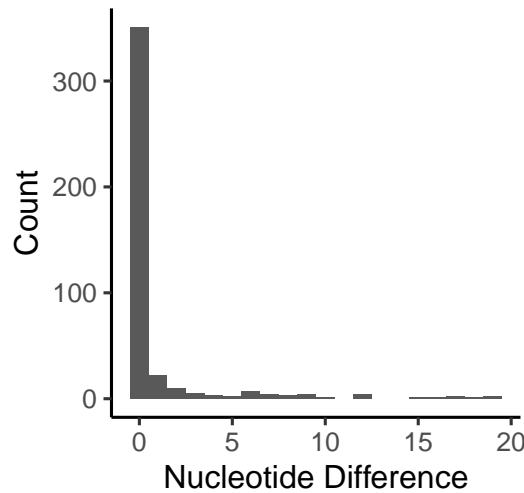
IGKV2–24*01

26 sequences assigned
20 (76.9%) exact matches, in which:
20 unique CDR3
5 unique J



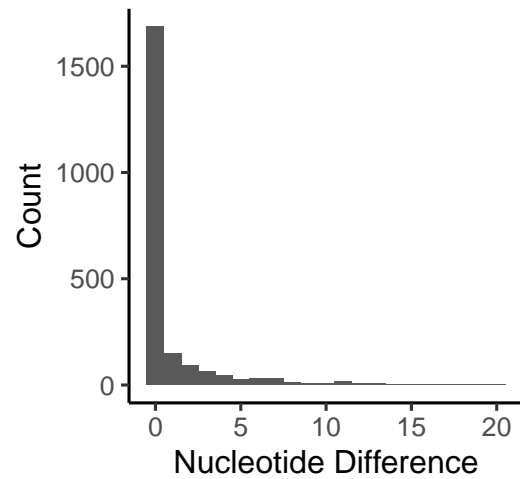
IGKV2–30*01

424 sequences assigned
351 (82.8%) exact matches, in which:
306 unique CDR3
5 unique J



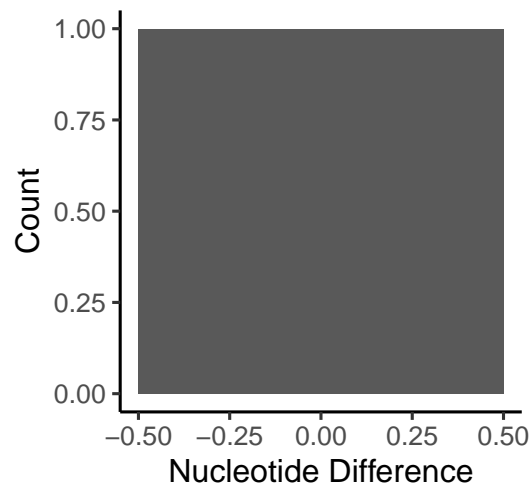
IGKV3–15*01

2205 sequences assigned
1686 (76.5%) exact matches, in which:
1217 unique CDR3
5 unique J



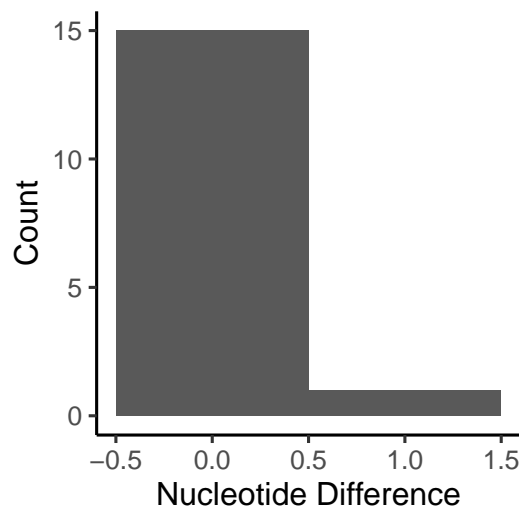
IGKV2–29*01

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



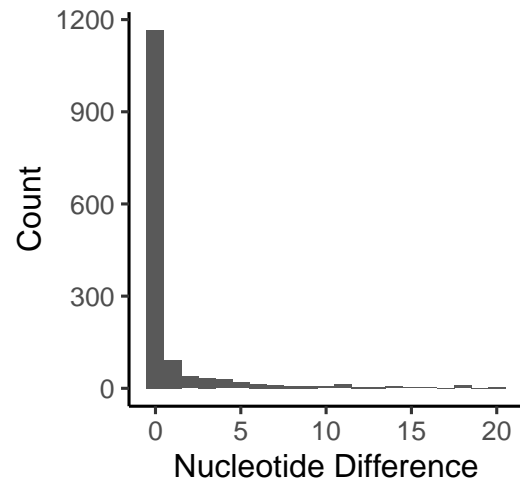
IGKV3–7*04

16 sequences assigned
15 (93.8%) exact matches, in which:
14 unique CDR3
5 unique J



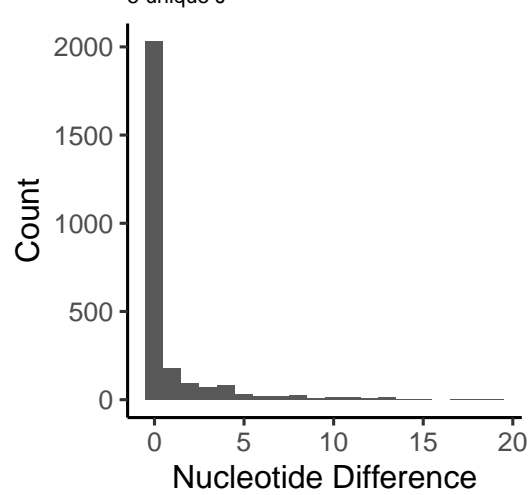
IGKV3–20*01

1485 sequences assigned
1166 (78.5%) exact matches, in which:
834 unique CDR3
5 unique J



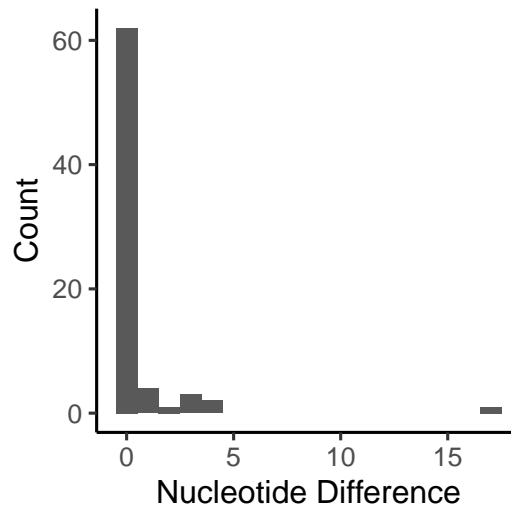
IGKV4-1*01

2633 sequences assigned
2031 (77.1%) exact matches, in which:
1244 unique CDR3
5 unique J



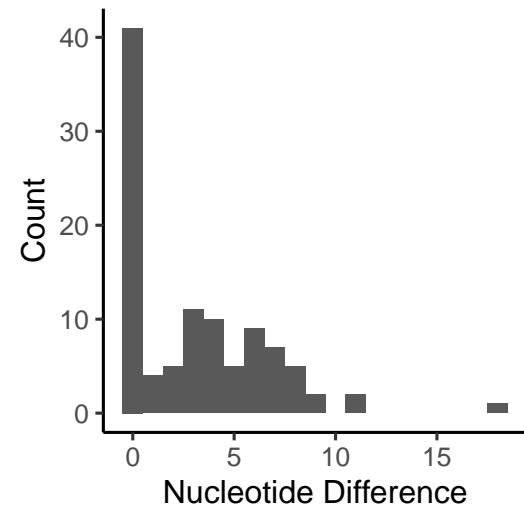
IGKV1D-8*01

73 sequences assigned
62 (84.9%) exact matches, in which:
54 unique CDR3
5 unique J



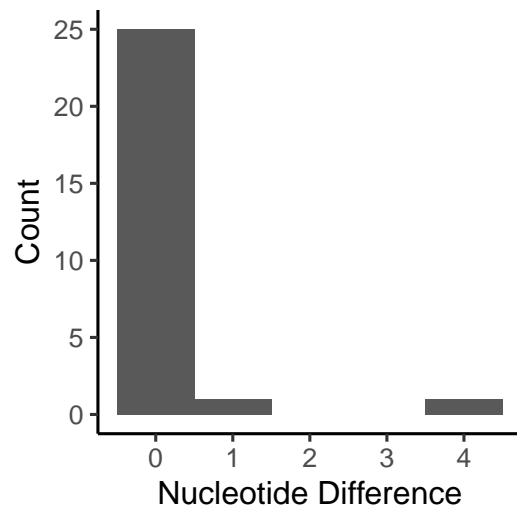
IGKV3D-15*01

105 sequences assigned
41 (39%) exact matches, in which:
36 unique CDR3
5 unique J



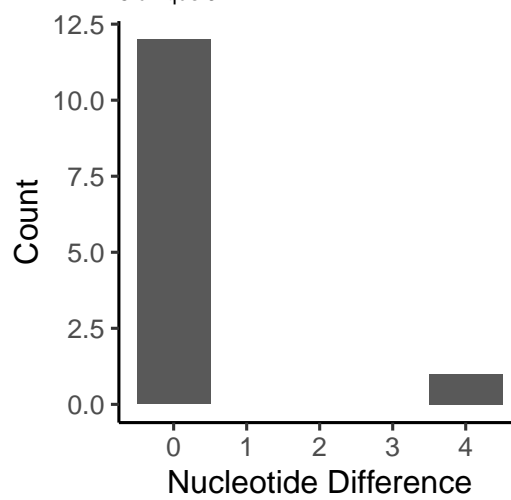
IGKV5-2*01

27 sequences assigned
25 (92.6%) exact matches, in which:
25 unique CDR3
5 unique J



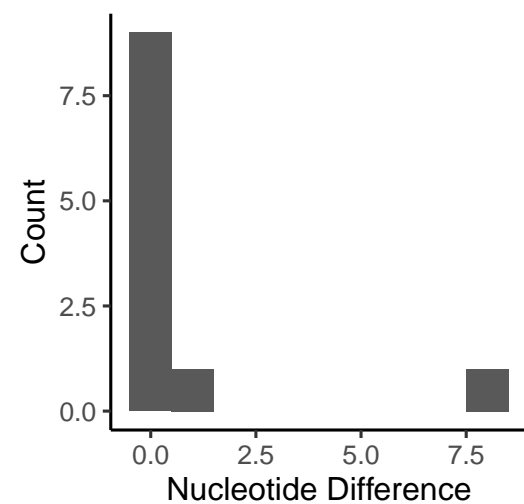
IGKV3D-11*01

13 sequences assigned
12 (92.3%) exact matches, in which:
12 unique CDR3
5 unique J



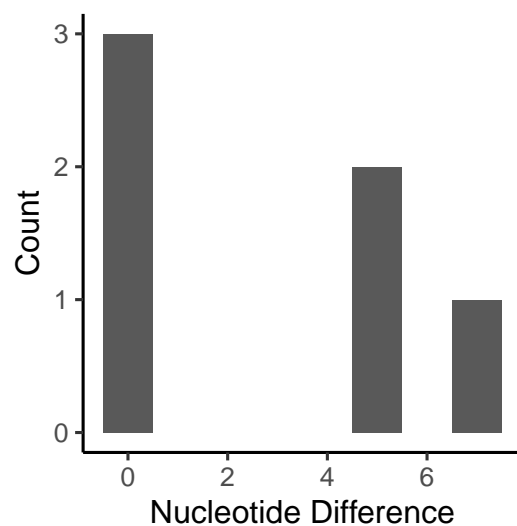
IGKV1D-16*01

11 sequences assigned
9 (81.8%) exact matches, in which:
9 unique CDR3
3 unique J



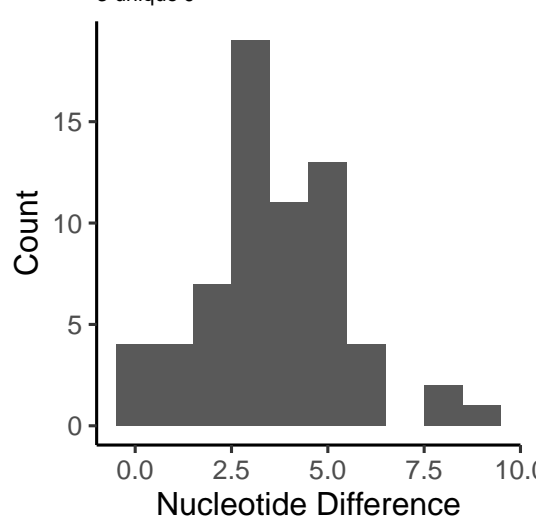
IGKV3D-7*01

6 sequences assigned
3 (50%) exact matches, in which:
3 unique CDR3
2 unique J



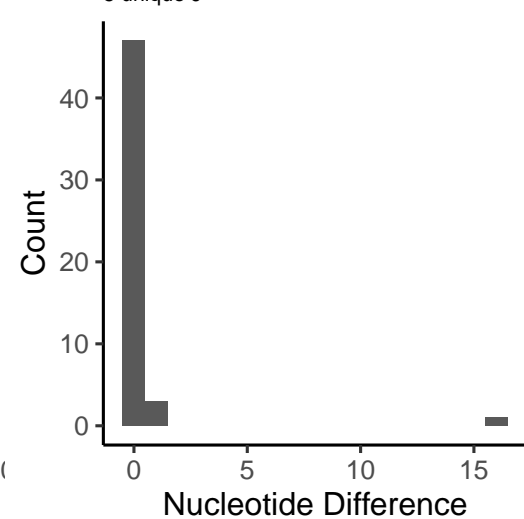
IGKV3D-11*02_C247T

65 sequences assigned
4 (6.2%) exact matches, in which:
4 unique CDR3
3 unique J



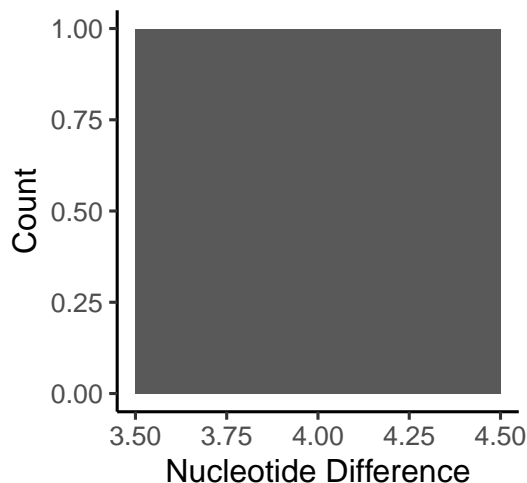
IGKV3D-20*01

51 sequences assigned
47 (92.2%) exact matches, in which:
42 unique CDR3
5 unique J



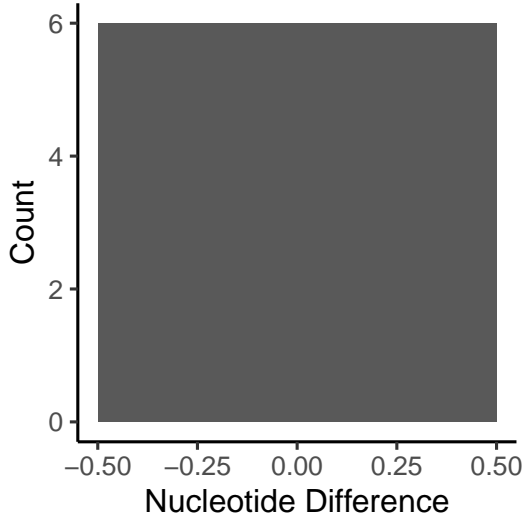
IGKV3D-20*02

1 sequences assigned
No exact matches.



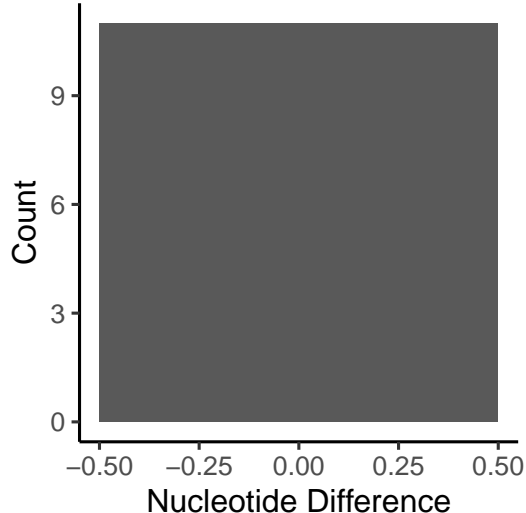
IGKV2D-26*03

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



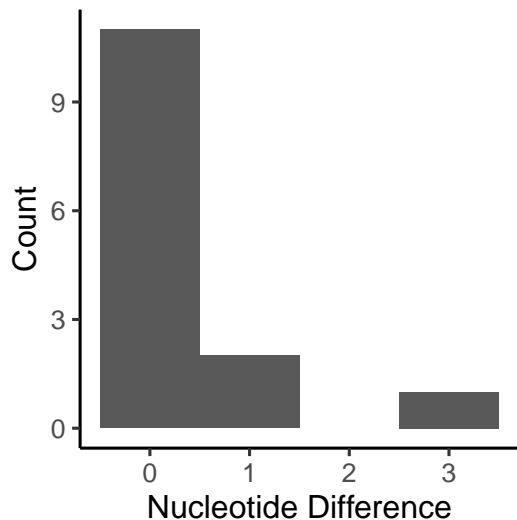
IGKV1D-43*01

11 sequences assigned
11 (100%) exact matches, in which:
10 unique CDR3
4 unique J



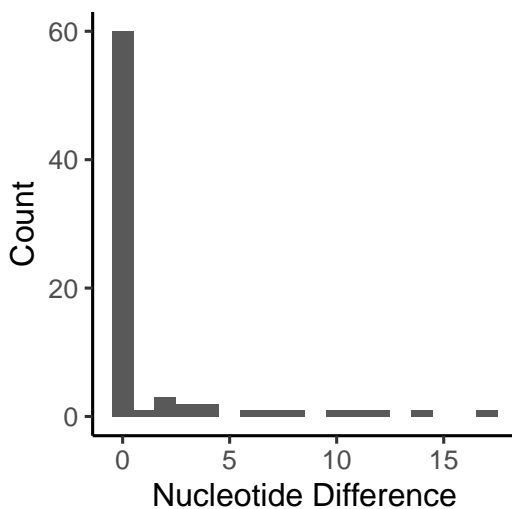
IGKV3D-20*02_C26G_A16

14 sequences assigned
11 (78.6%) exact matches, in which:
11 unique CDR3
5 unique J



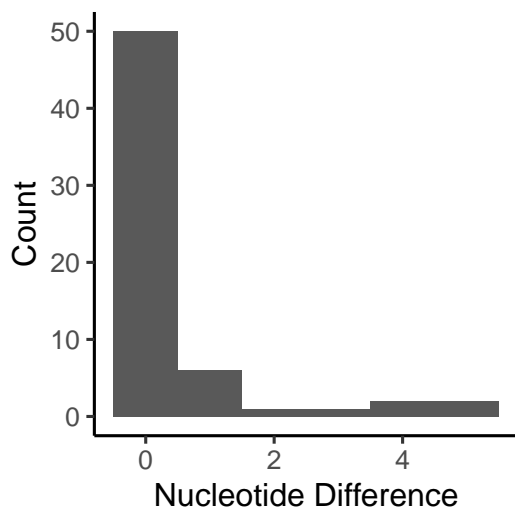
IGKV2D-29*01

79 sequences assigned
60 (75.9%) exact matches, in which:
58 unique CDR3
5 unique J



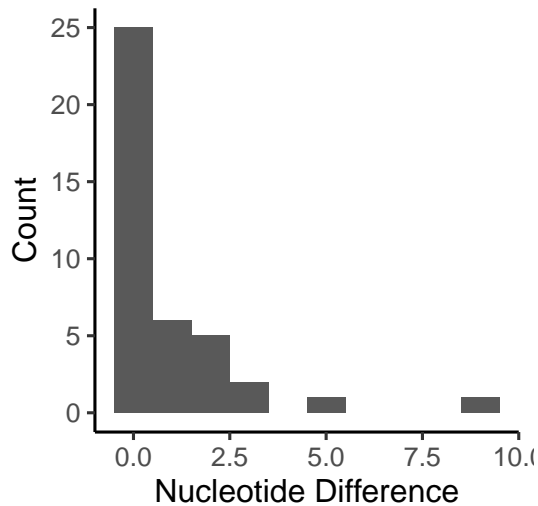
IGKV1E-12*01

63 sequences assigned
50 (79.4%) exact matches, in which:
36 unique CDR3
5 unique J



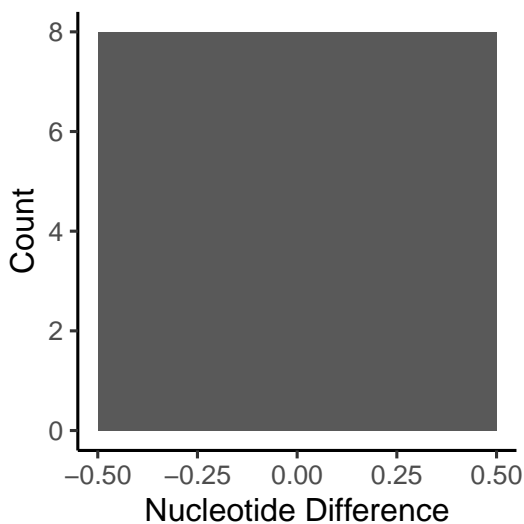
IGKV3D-20*02_C26G_A1

40 sequences assigned
25 (62.5%) exact matches, in which:
25 unique CDR3
4 unique J



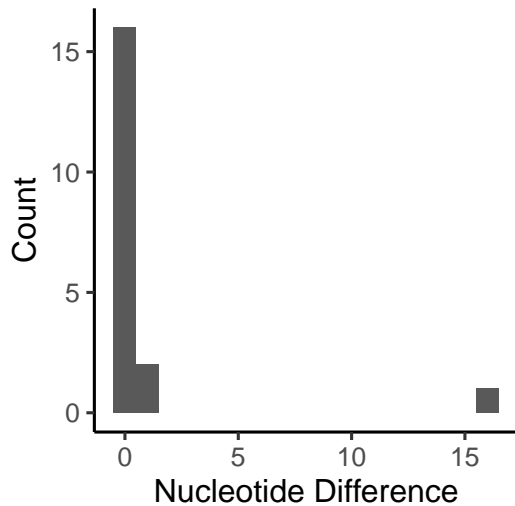
IGKV2D-30*01

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



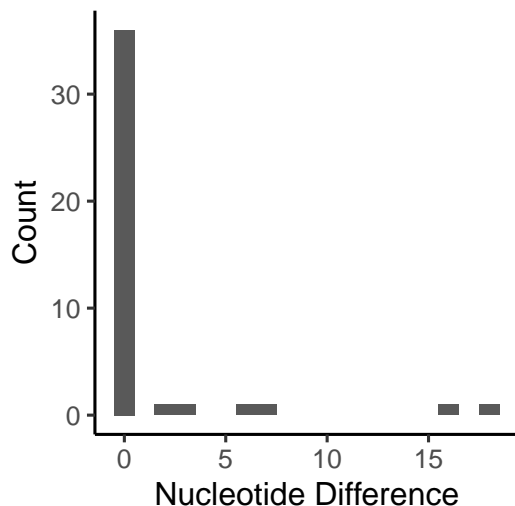
IGKV1E-12*02

19 sequences assigned
16 (84.2%) exact matches, in which:
12 unique CDR3
5 unique J



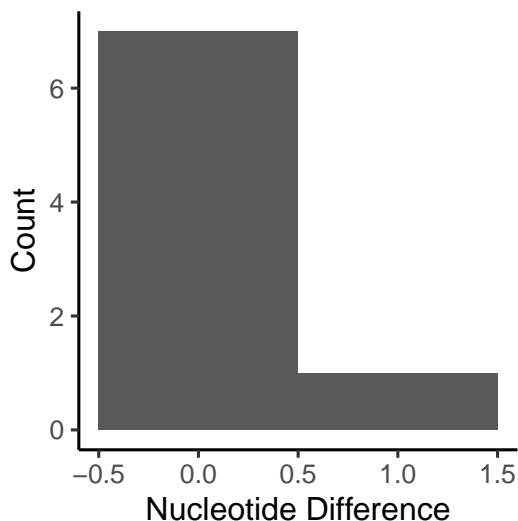
IGKV1E-12*03

42 sequences assigned
36 (85.7%) exact matches, in which:
23 unique CDR3
4 unique J



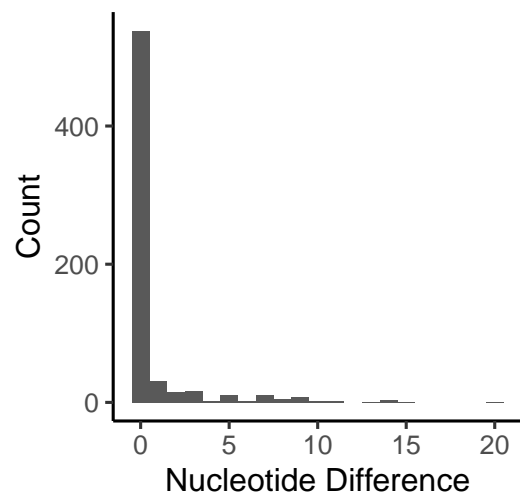
IGKV6E-21*01

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



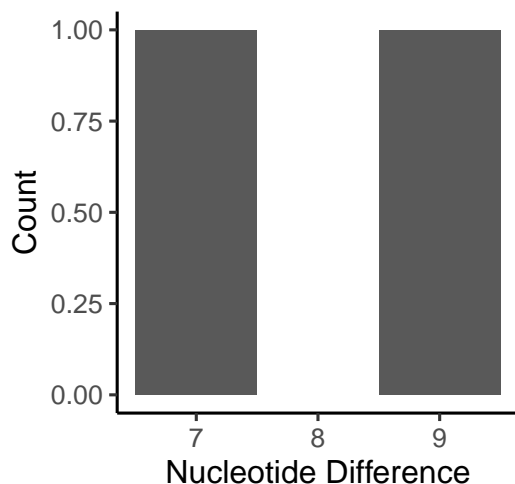
IGKV1E-33*01

653 sequences assigned
538 (82.4%) exact matches, in which:
416 unique CDR3
5 unique J



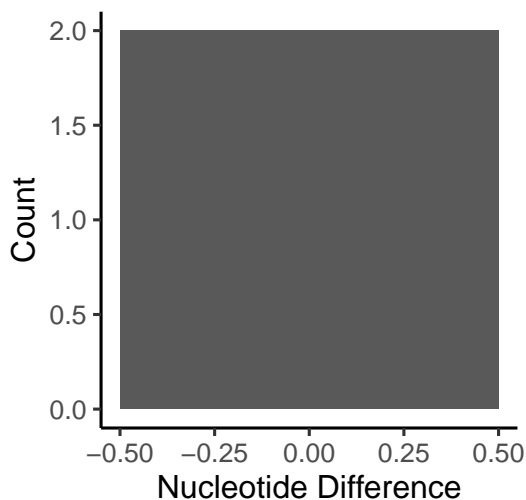
IGKV1E-13*02

2 sequences assigned
No exact matches.



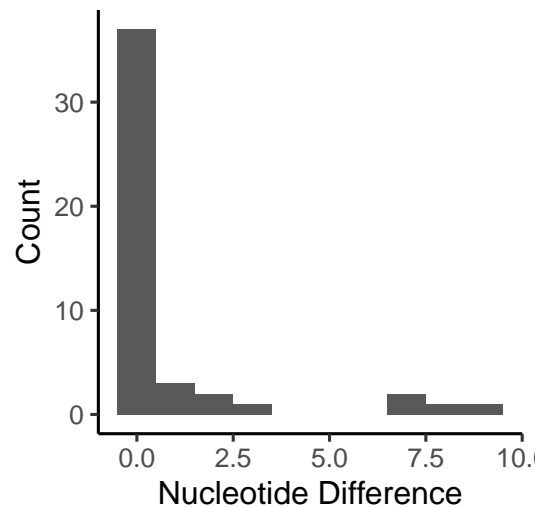
IGKV6E-21*03

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



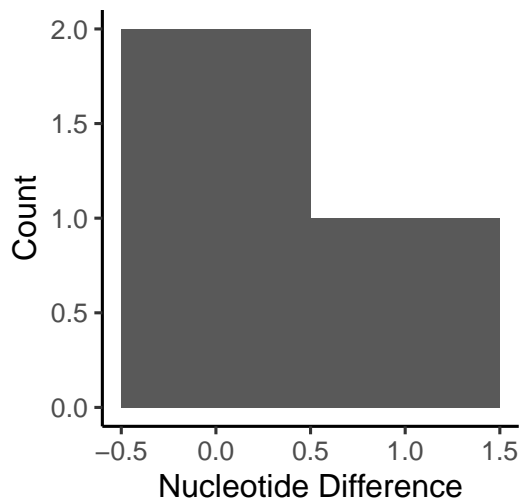
IGKV1E-37*01

47 sequences assigned
37 (78.7%) exact matches, in which:
35 unique CDR3
5 unique J



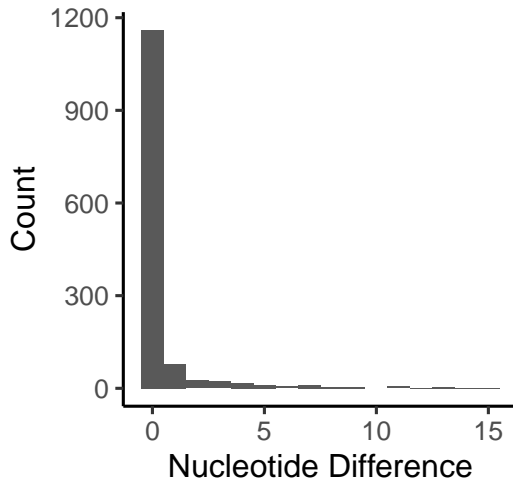
IGKV1E-13*03

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



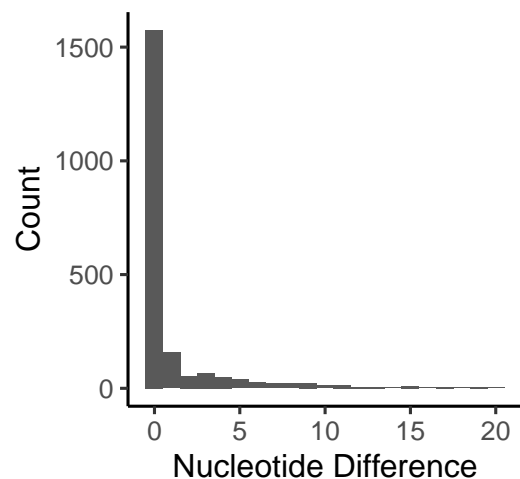
IGKV2E-28*01

1355 sequences assigned
1160 (85.6%) exact matches, in which:
827 unique CDR3
5 unique J



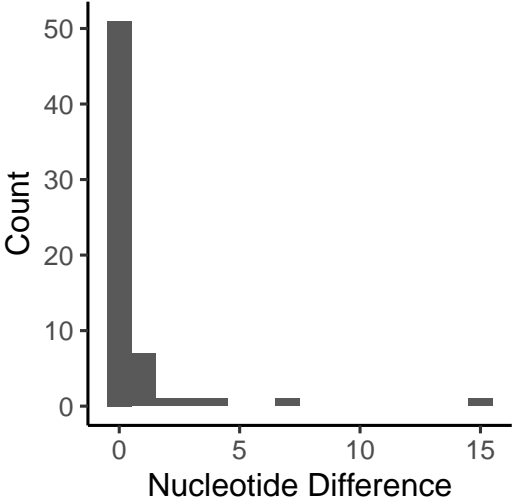
IGKV1E-39*01

2138 sequences assigned
1575 (73.7%) exact matches, in which:
1045 unique CDR3
5 unique J



IGKV2E-40*01

63 sequences assigned
51 (81%) exact matches, in which:
41 unique CDR3
5 unique J





Warning – no inferred sequences found.