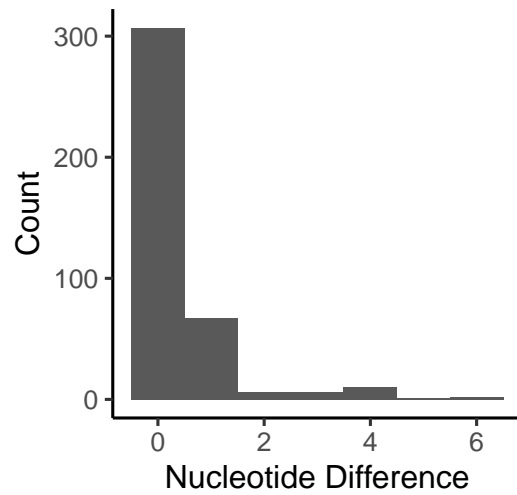


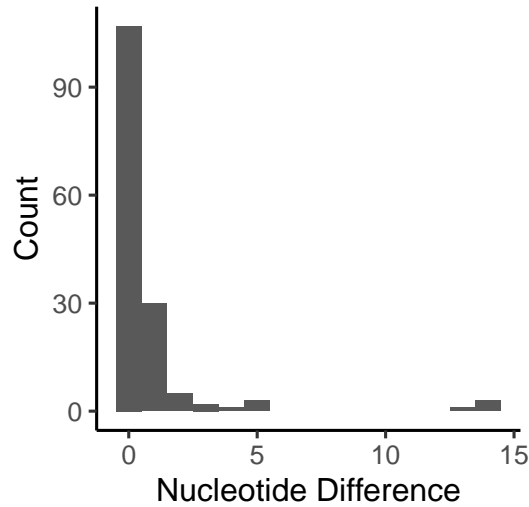
IGKV1-5*03

400 sequences assigned
307 (76.8%) exact matches, in which:
247 unique CDR3
5 unique J



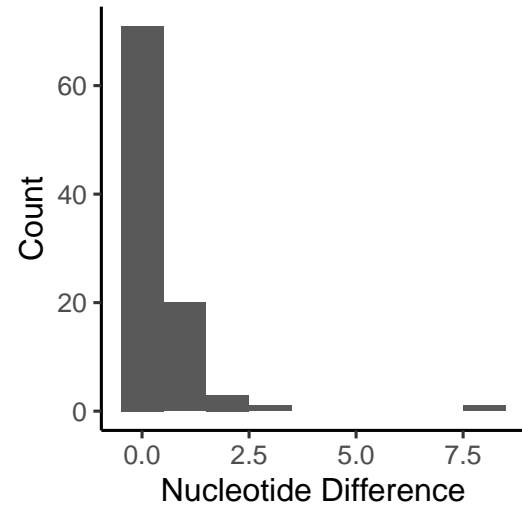
IGKV1-9*01

152 sequences assigned
107 (70.4%) exact matches, in which:
100 unique CDR3
5 unique J



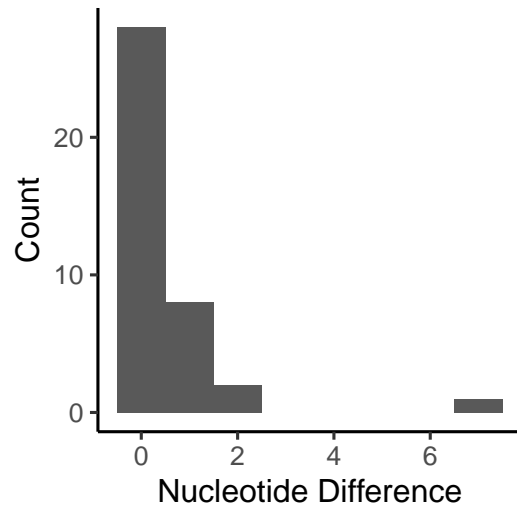
IGKV1-27*01

96 sequences assigned
71 (74%) exact matches, in which:
63 unique CDR3
5 unique J



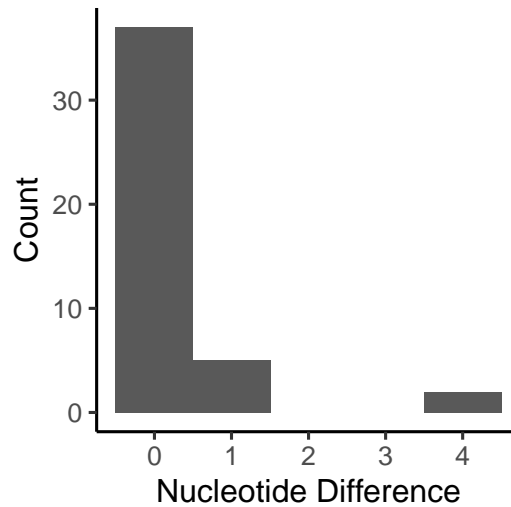
IGKV1-6*01

39 sequences assigned
28 (71.8%) exact matches, in which:
23 unique CDR3
5 unique J



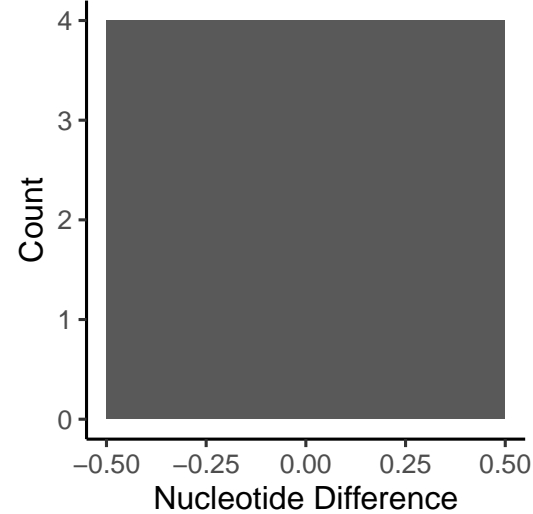
IGKV1-16*02

44 sequences assigned
37 (84.1%) exact matches, in which:
29 unique CDR3
5 unique J



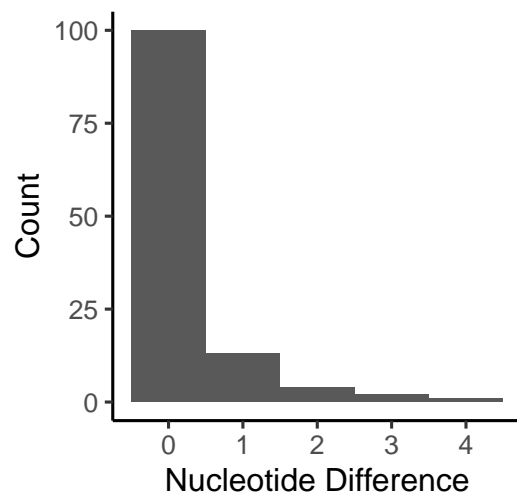
IGKV2/OR22-4*01

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



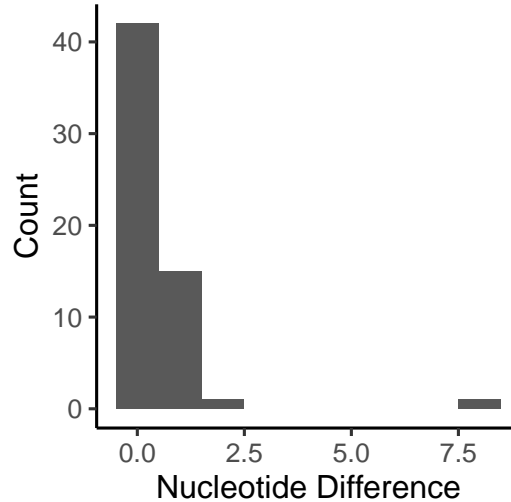
IGKV1-8*01

120 sequences assigned
100 (83.3%) exact matches, in which:
82 unique CDR3
5 unique J



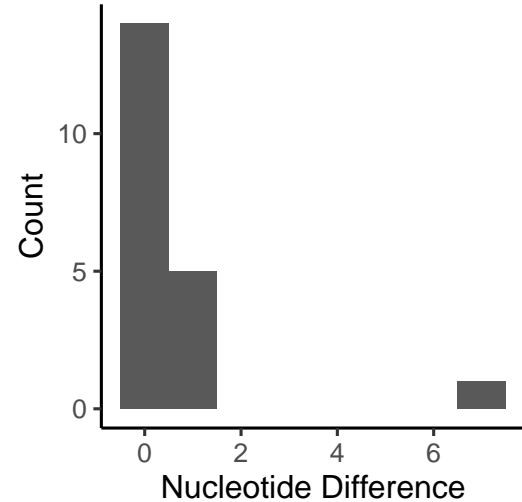
IGKV1-17*01

59 sequences assigned
42 (71.2%) exact matches, in which:
38 unique CDR3
5 unique J



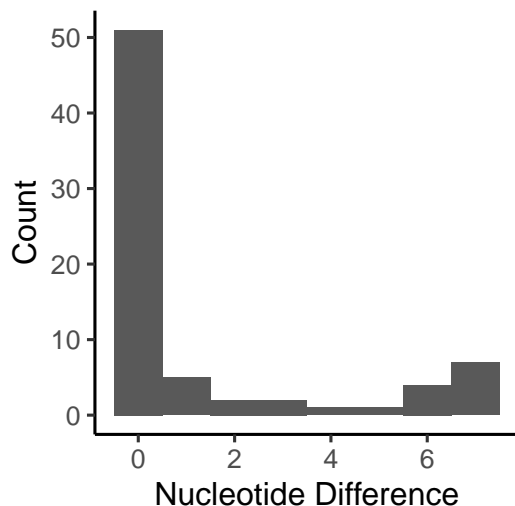
IGKV2-24*01

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



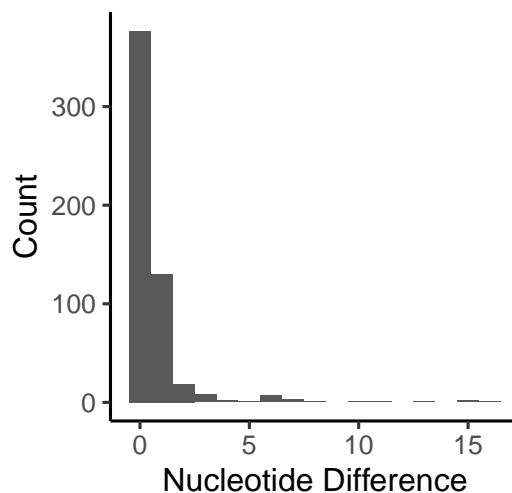
IGKV2-30*01

73 sequences assigned
51 (69.9%) exact matches, in which:
49 unique CDR3
5 unique J



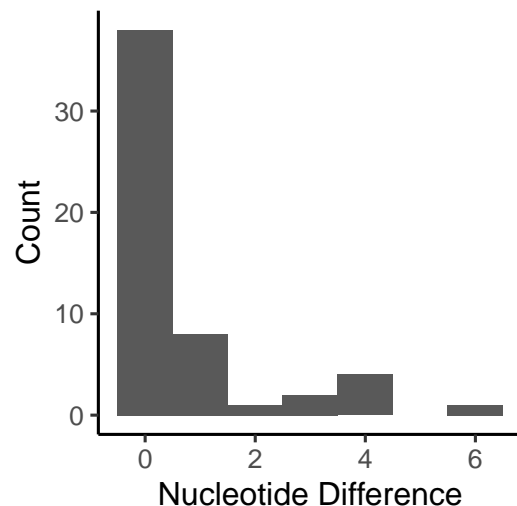
IGKV3-11*01

554 sequences assigned
377 (68.1%) exact matches, in which:
308 unique CDR3
5 unique J



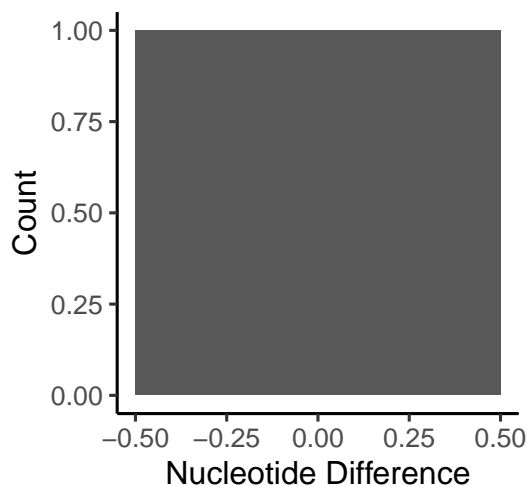
IGKV3-15*01_A223C

54 sequences assigned
38 (70.4%) exact matches, in which:
38 unique CDR3
5 unique J



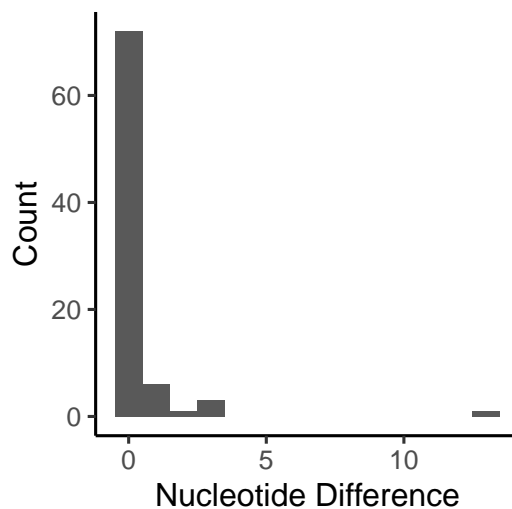
IGKV3/OR2-268*01

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



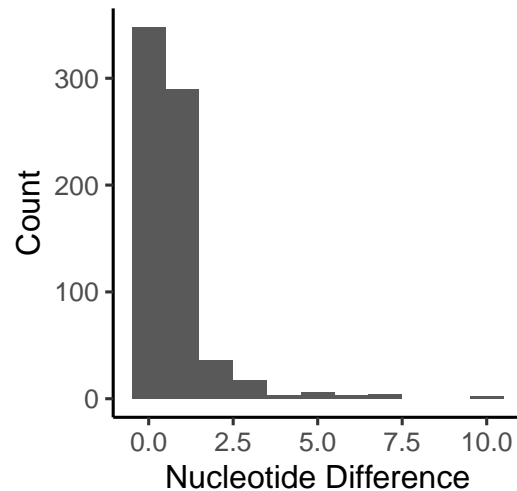
IGKV3-11*01_A223C

83 sequences assigned
72 (86.7%) exact matches, in which:
70 unique CDR3
5 unique J



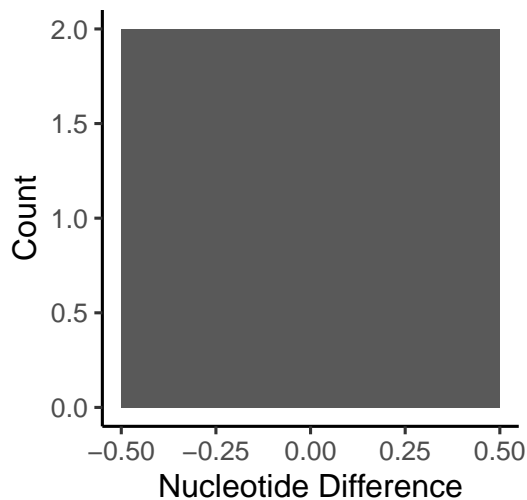
IGKV3-20*01

709 sequences assigned
348 (49.1%) exact matches, in which:
297 unique CDR3
5 unique J



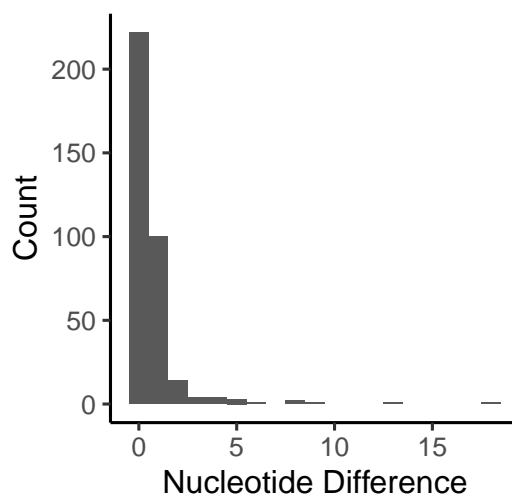
IGKV3-7*04

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



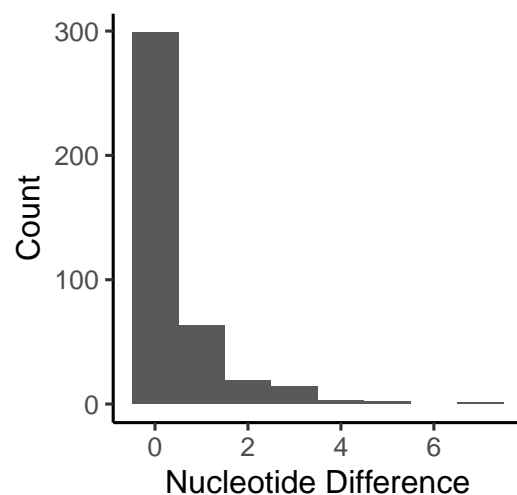
IGKV3-15*01

353 sequences assigned
222 (62.9%) exact matches, in which:
191 unique CDR3
5 unique J



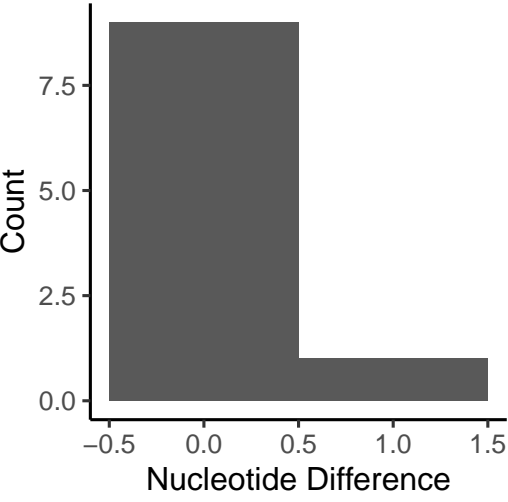
IGKV4-1*01

401 sequences assigned
299 (74.6%) exact matches, in which:
226 unique CDR3
5 unique J



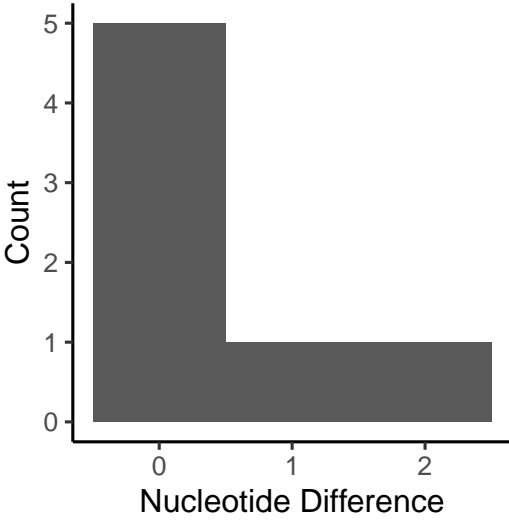
IGKV5-2*01

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



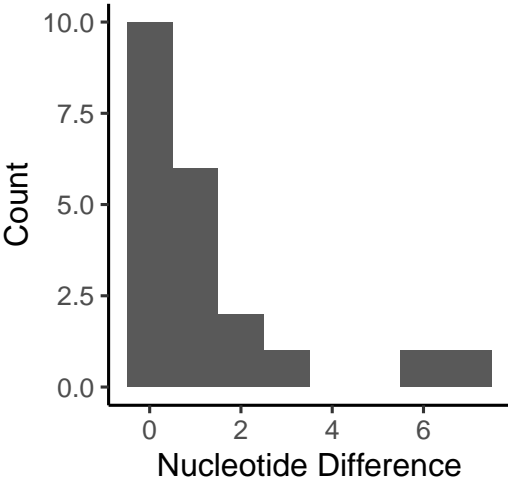
IGKV3D-11*01

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



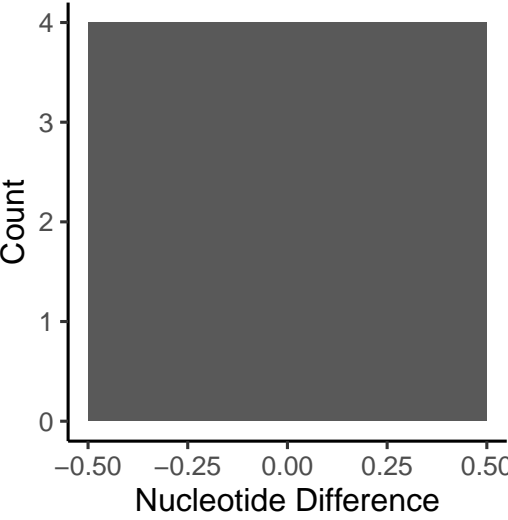
IGKV3D-20*01

21 sequences assigned
10 (47.6%) exact matches, in which:
9 unique CDR3
3 unique J



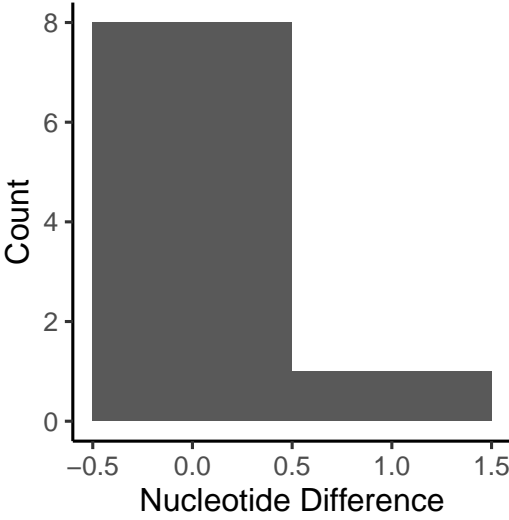
IGKV7-3*01

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



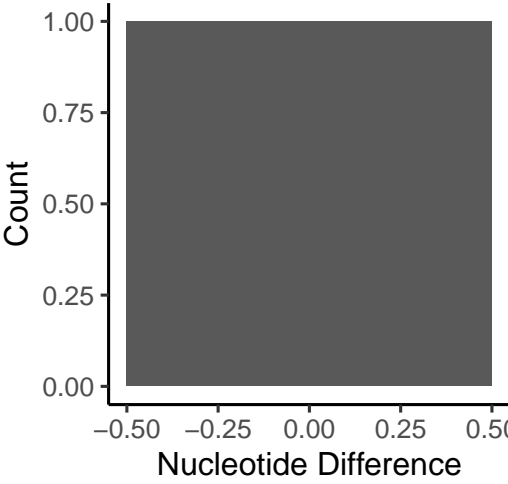
IGKV3D-15*01

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



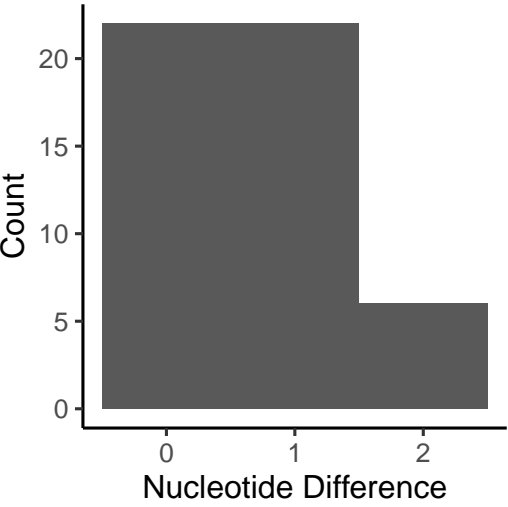
IGKV2D-24*01

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



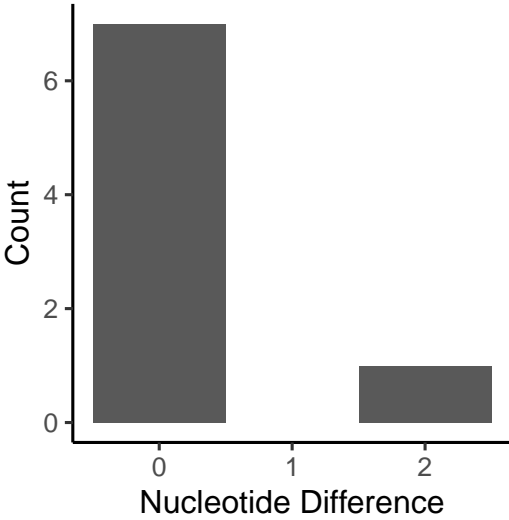
IGKV1D-8*01

50 sequences assigned
22 (44%) exact matches, in which:
18 unique CDR3
5 unique J



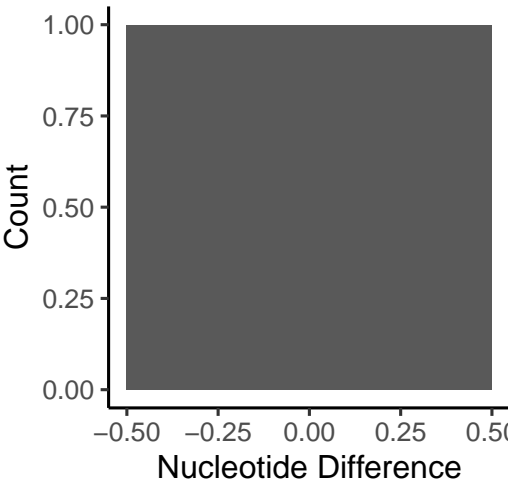
IGKV1D-16*01

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



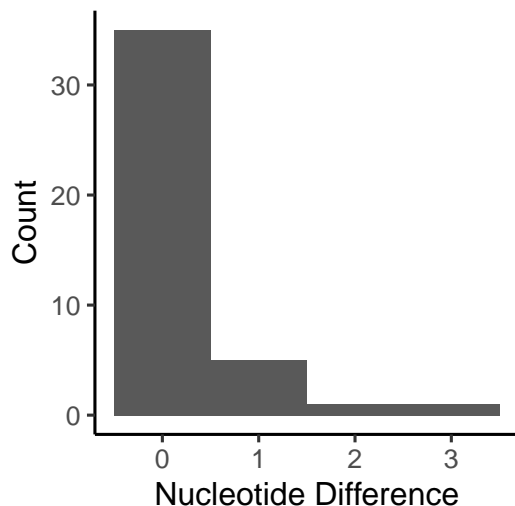
IGKV2D-26*03

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



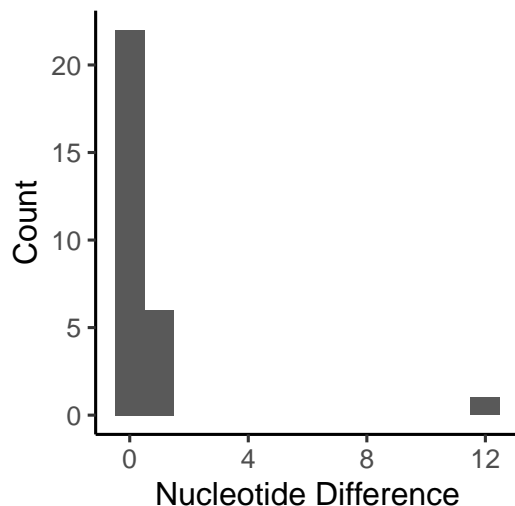
IGKV2D-29*01

42 sequences assigned
35 (83.3%) exact matches, in which:
31 unique CDR3
5 unique J



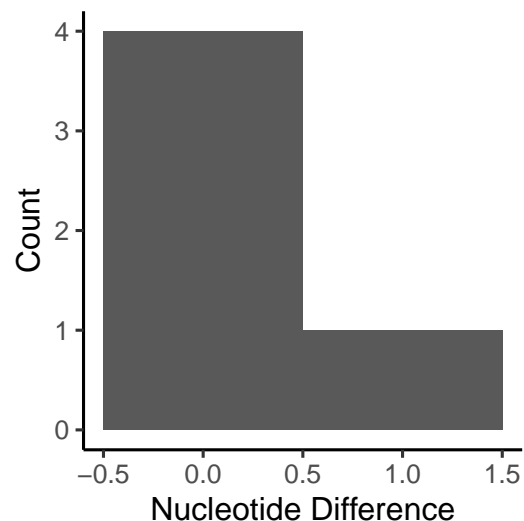
IGKV1E-12*01

29 sequences assigned
22 (75.9%) exact matches, in which:
20 unique CDR3
5 unique J



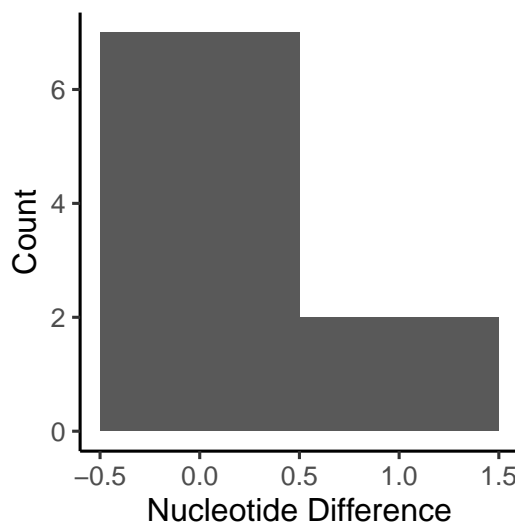
IGKV1E-13*03

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



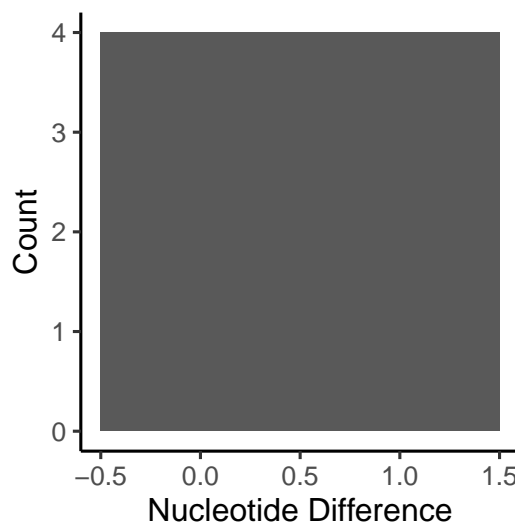
IGKV2D-30*01

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



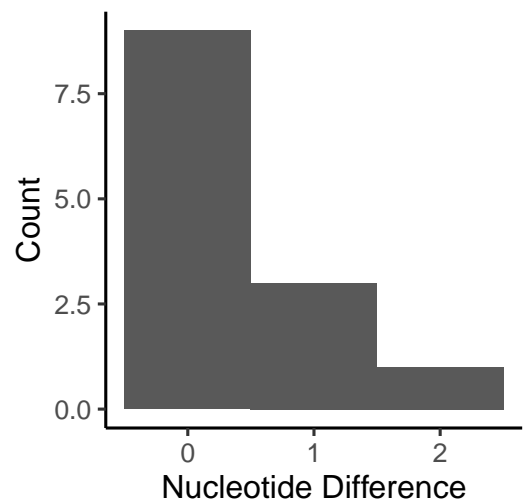
IGKV1E-12*02

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



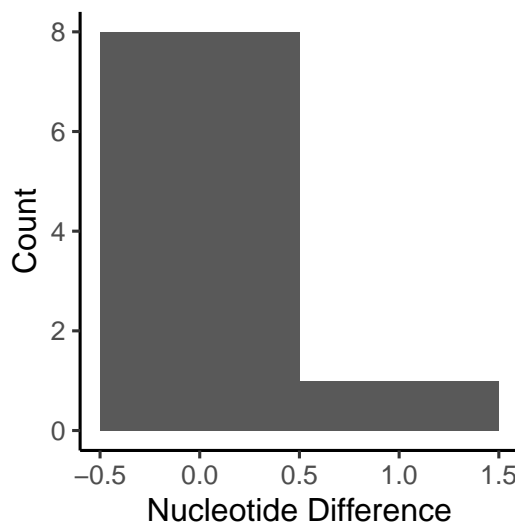
IGKV6E-21*01

13 sequences assigned
9 (69.2%) exact matches, in which:
9 unique CDR3
4 unique J



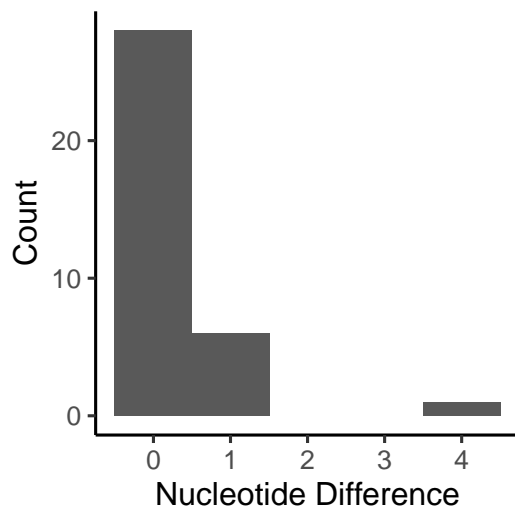
IGKV1D-43*01

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



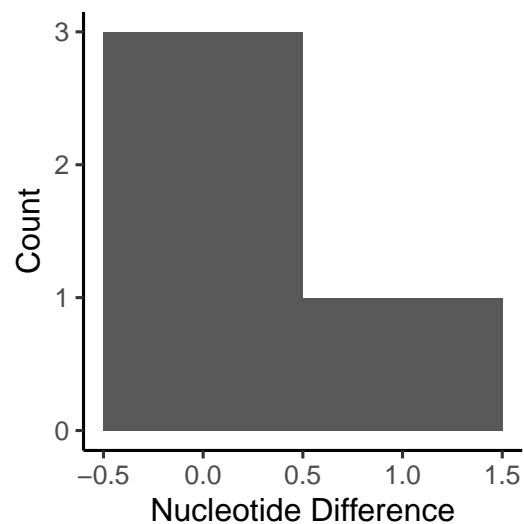
IGKV1E-12*03

35 sequences assigned
28 (80%) exact matches, in which:
24 unique CDR3
5 unique J



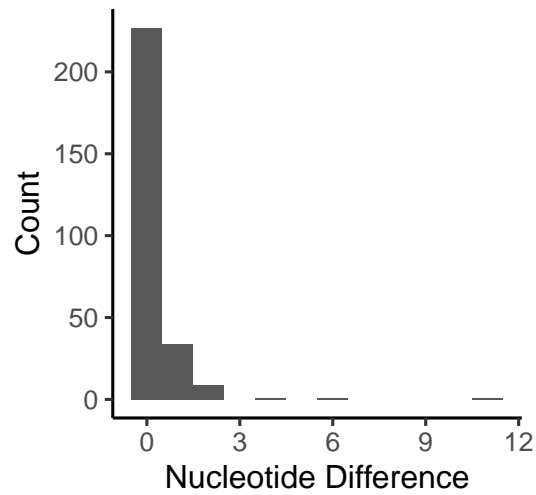
IGKV6E-21*03

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



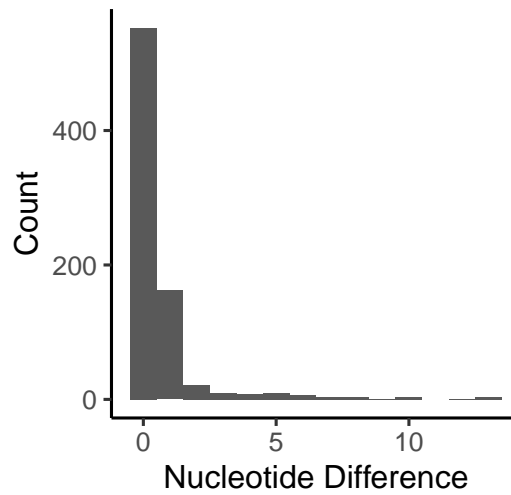
IGKV2E-28*01

273 sequences assigned
227 (83.2%) exact matches, in which:
198 unique CDR3
5 unique J



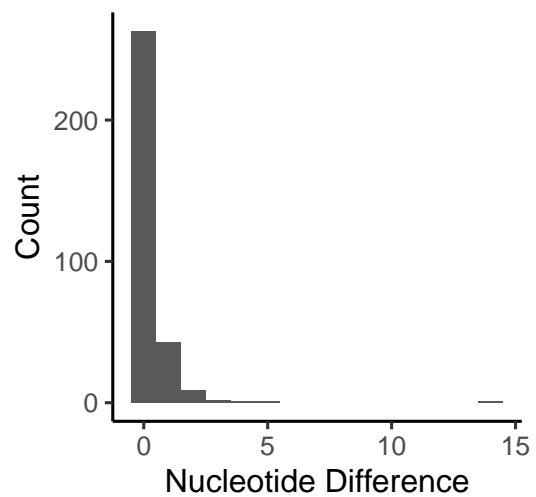
IGKV1E-39*01

783 sequences assigned
553 (70.6%) exact matches, in which:
422 unique CDR3
5 unique J



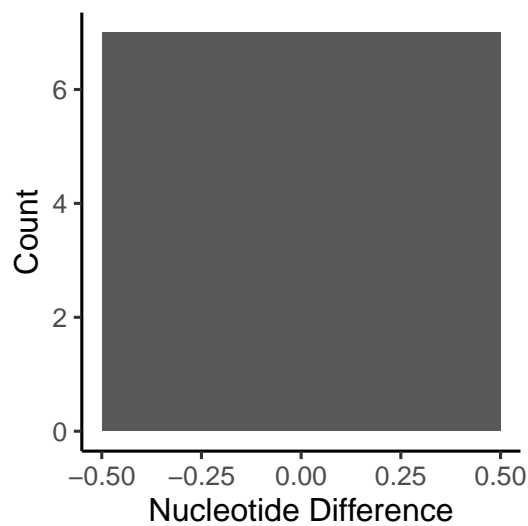
IGKV1E-33*01

320 sequences assigned
263 (82.2%) exact matches, in which:
193 unique CDR3
5 unique J



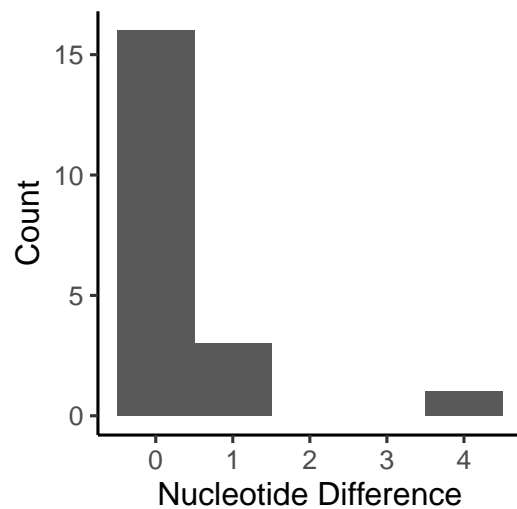
IGKV2E-40*01

7 sequences assigned
7 (100%) exact matches, in which:
7 unique CDR3
3 unique J



IGKV1E-37*01

20 sequences assigned
16 (80%) exact matches, in which:
16 unique CDR3
5 unique J





Warning – no inferred sequences found.