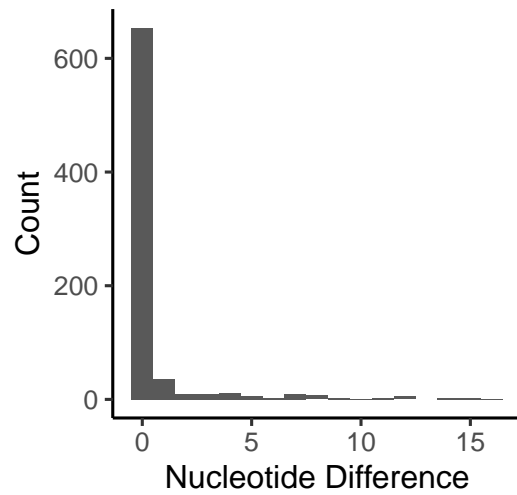


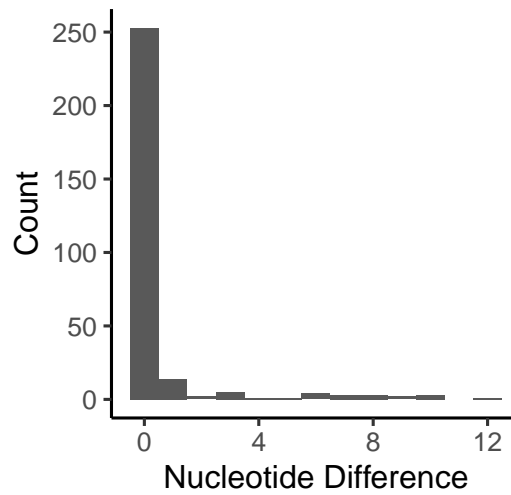
### IGKV1-5\*03

759 sequences assigned  
654 (86.2%) exact matches, in which:  
525 unique CDR3  
5 unique J



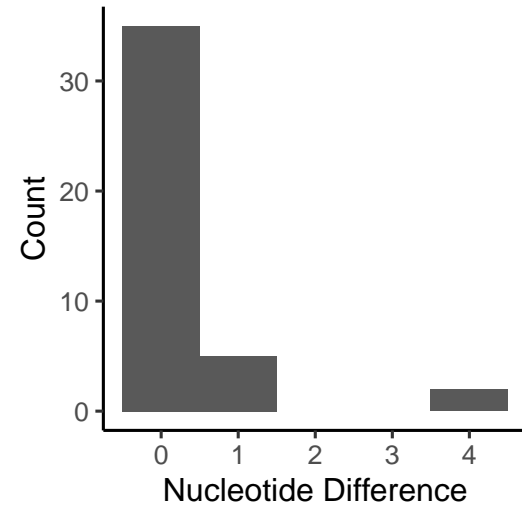
### IGKV1-9\*01

292 sequences assigned  
253 (86.6%) exact matches, in which:  
202 unique CDR3  
5 unique J



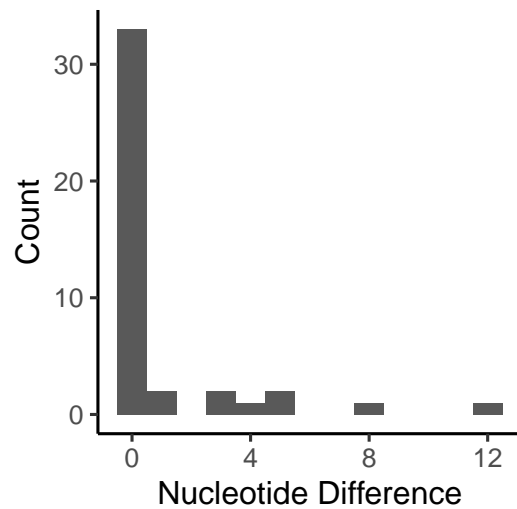
### IGKV1-27\*01\_C70T

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



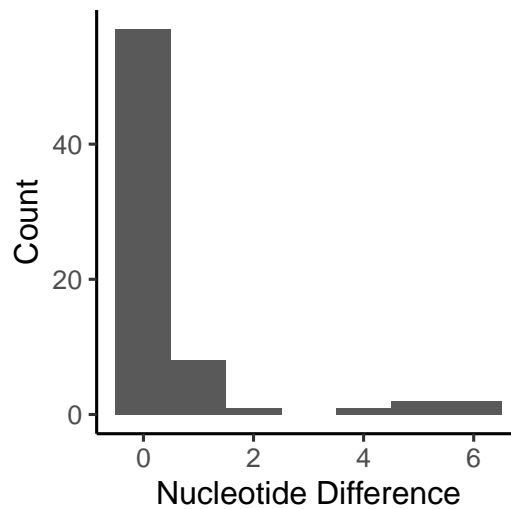
### IGKV1-6\*01

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



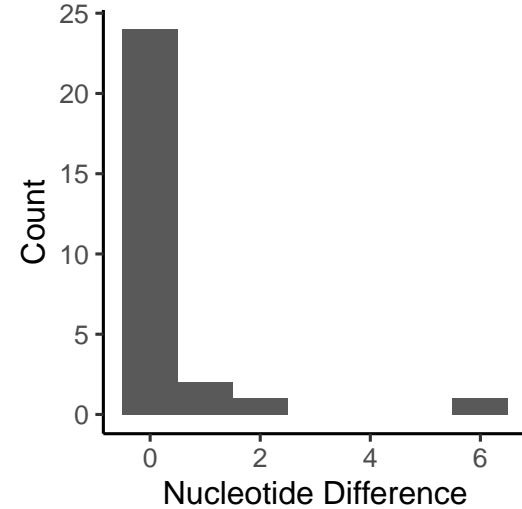
### IGKV1-16\*02

71 sequences assigned  
57 (80.3%) exact matches, in which:  
47 unique CDR3  
5 unique J



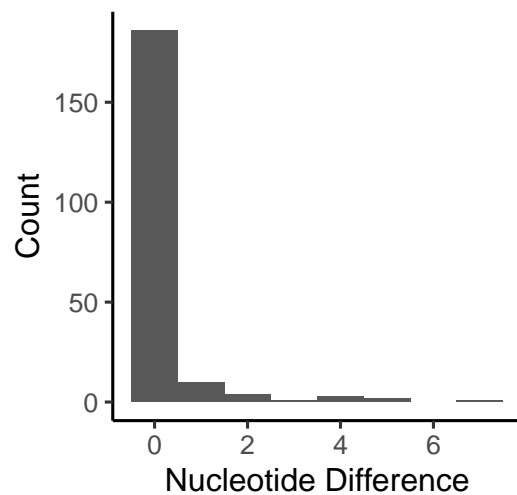
### IGKV2-24\*01

28 sequences assigned  
24 (85.7%) exact matches, in which:  
20 unique CDR3  
5 unique J



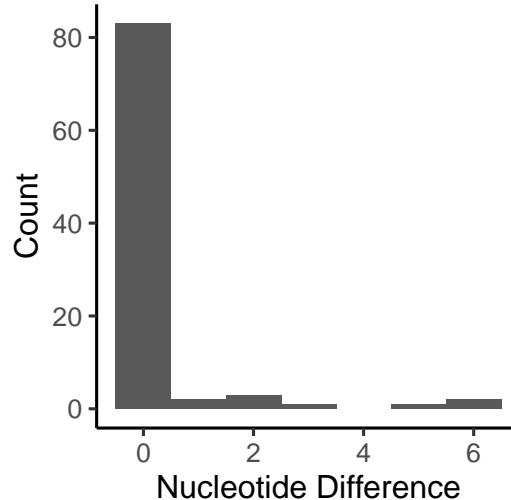
### IGKV1-8\*01

207 sequences assigned  
186 (89.9%) exact matches, in which:  
135 unique CDR3  
5 unique J



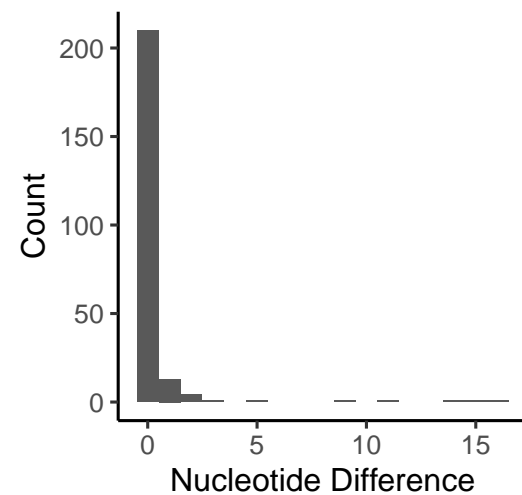
### IGKV1-17\*01

93 sequences assigned  
83 (89.2%) exact matches, in which:  
66 unique CDR3  
5 unique J



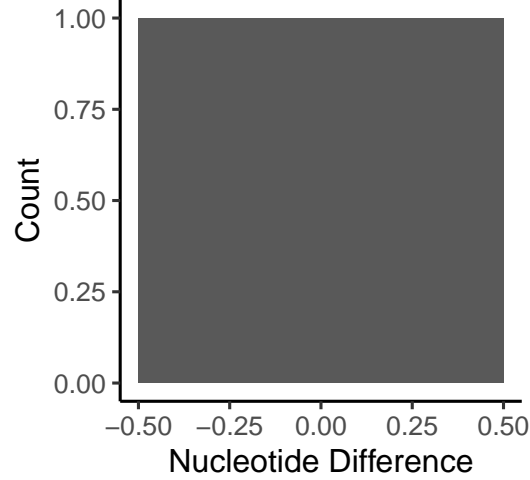
### IGKV2-30\*01

234 sequences assigned  
210 (89.7%) exact matches, in which:  
166 unique CDR3  
5 unique J



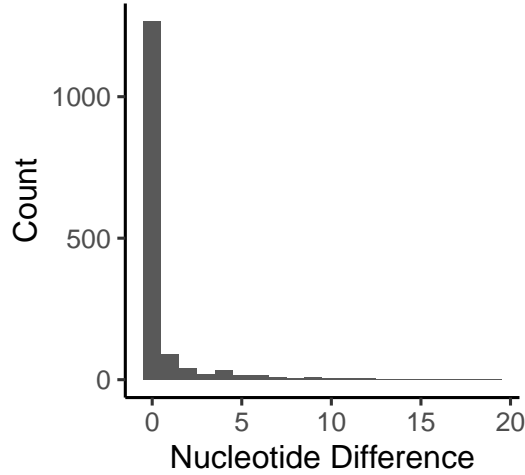
### IGKV1/OR2-108\*01

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



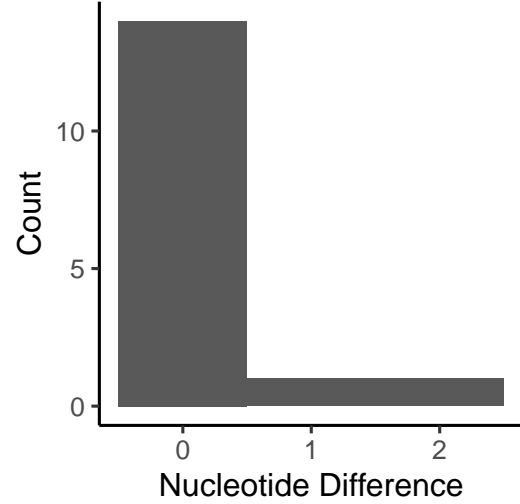
### IGKV3-15\*01

1535 sequences assigned  
1266 (82.5%) exact matches, in which:  
888 unique CDR3  
5 unique J



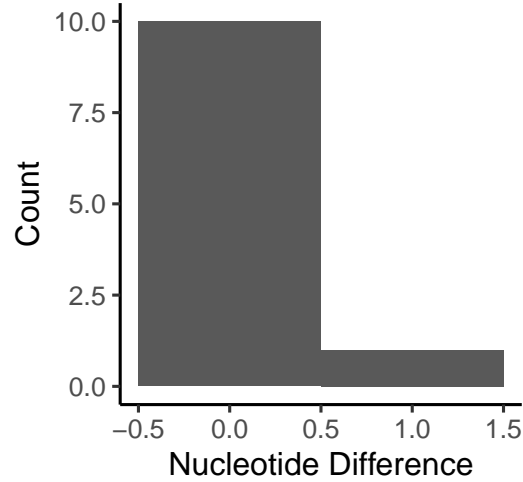
### IGKV5-2\*01

16 sequences assigned  
14 (87.5%) exact matches, in which:  
14 unique CDR3  
3 unique J



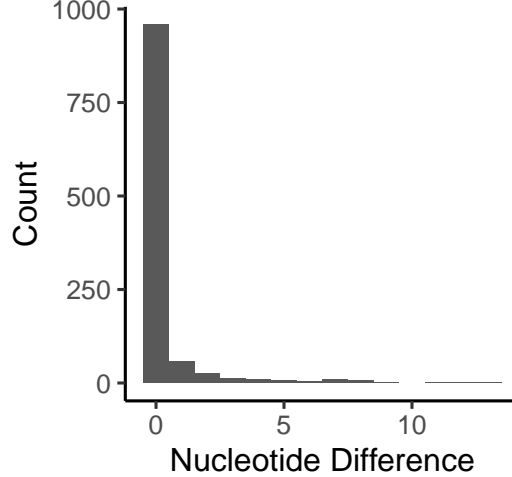
### IGKV3-7\*04

11 sequences assigned  
10 (90.9%) exact matches, in which:  
10 unique CDR3  
5 unique J



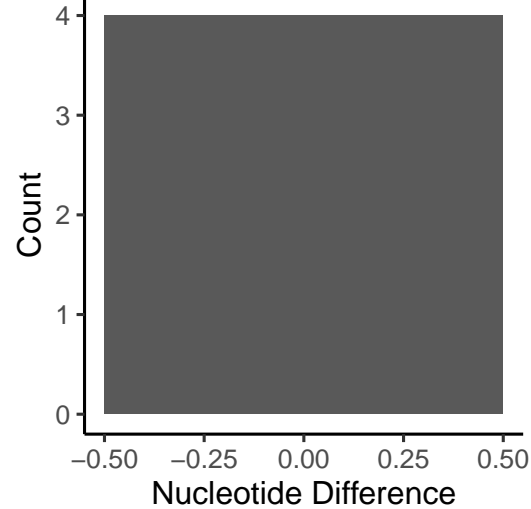
### IGKV3-20\*01

1106 sequences assigned  
958 (86.6%) exact matches, in which:  
723 unique CDR3  
5 unique J



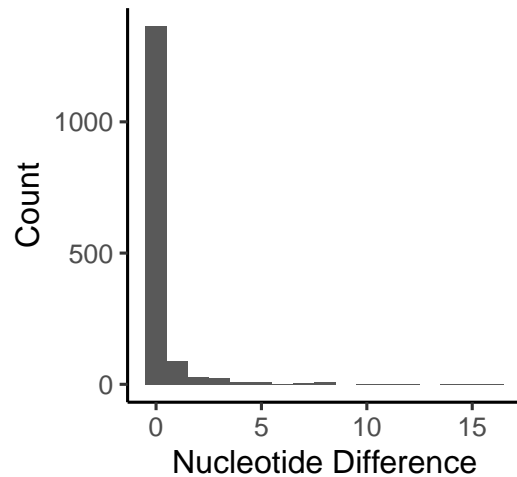
### IGKV3D-7\*01

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



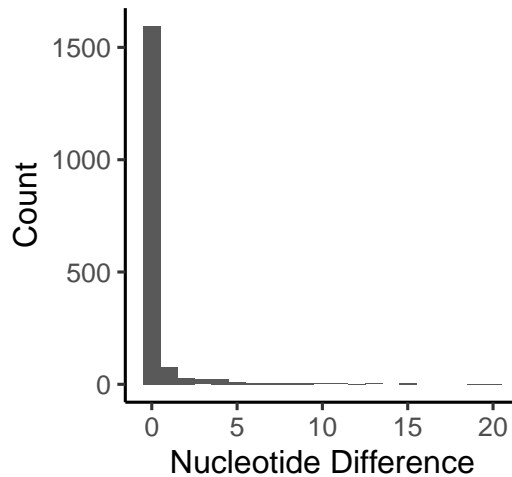
### IGKV3-11\*01

1551 sequences assigned  
1365 (88%) exact matches, in which:  
993 unique CDR3  
5 unique J



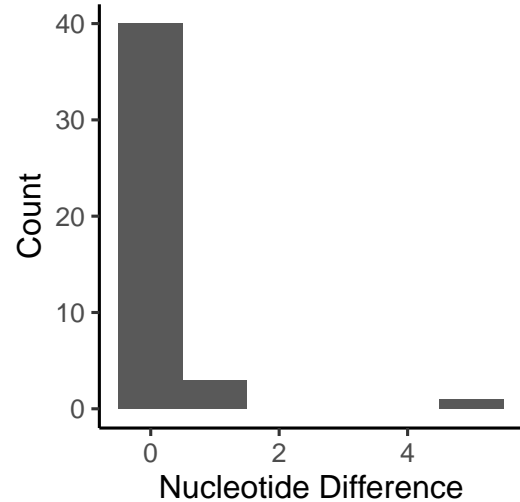
### IGKV4-1\*01

1800 sequences assigned  
1595 (88.6%) exact matches, in which:  
970 unique CDR3  
5 unique J



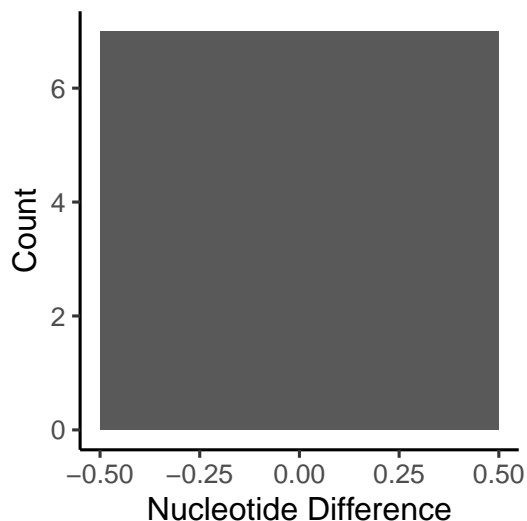
### IGKV1D-8\*01

44 sequences assigned  
40 (90.9%) exact matches, in which:  
34 unique CDR3  
5 unique J



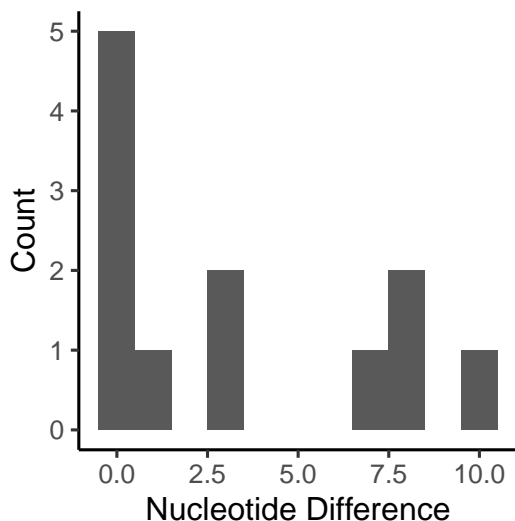
### IGKV3D-11\*01

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



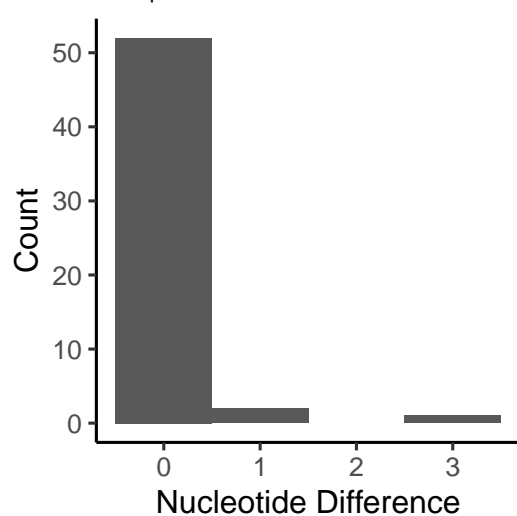
### IGKV1D-16\*01

12 sequences assigned  
5 (41.7%) exact matches, in which:  
5 unique CDR3  
2 unique J



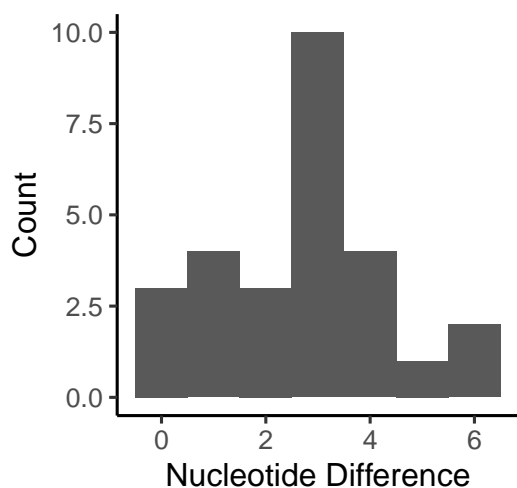
### IGKV2D-29\*01

56 sequences assigned  
52 (92.9%) exact matches, in which:  
45 unique CDR3  
5 unique J



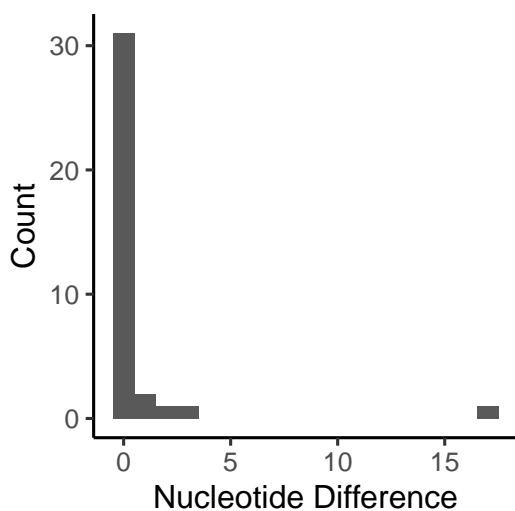
### IGKV3D-11\*02\_A15G\_C

27 sequences assigned  
3 (11.1%) exact matches, in which:  
3 unique CDR3  
2 unique J



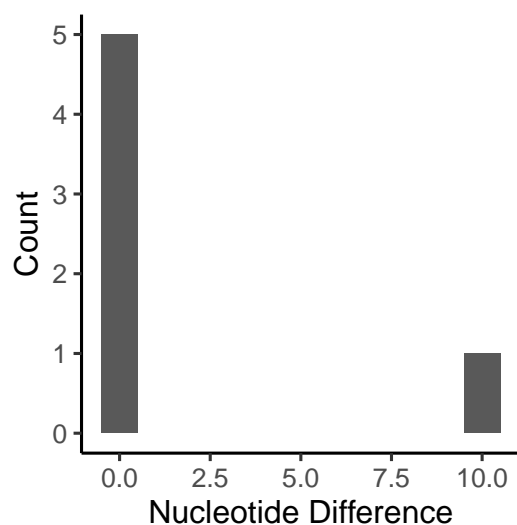
### IGKV3D-20\*01

36 sequences assigned  
31 (86.1%) exact matches, in which:  
27 unique CDR3  
5 unique J



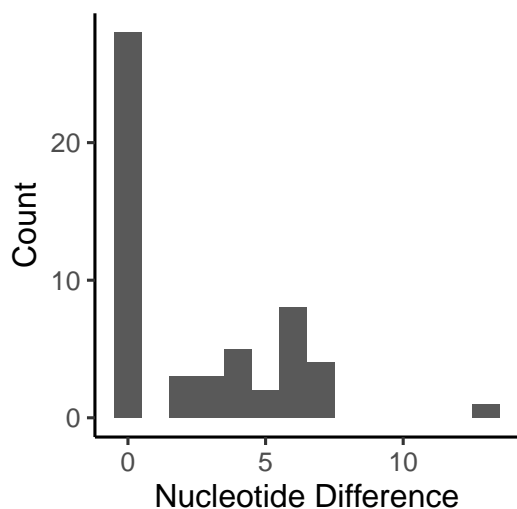
### IGKV2D-30\*01

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



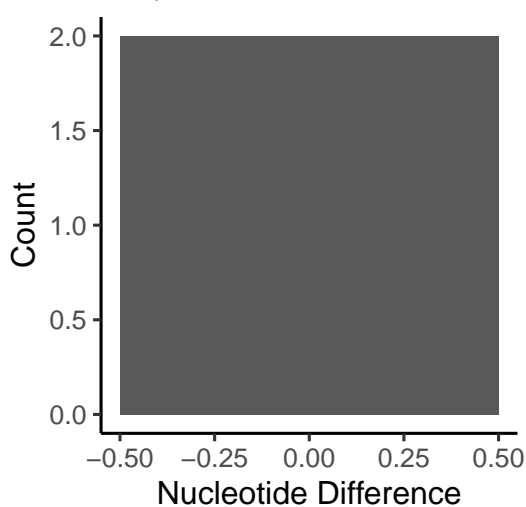
### IGKV3D-15\*01

54 sequences assigned  
28 (51.9%) exact matches, in which:  
27 unique CDR3  
5 unique J



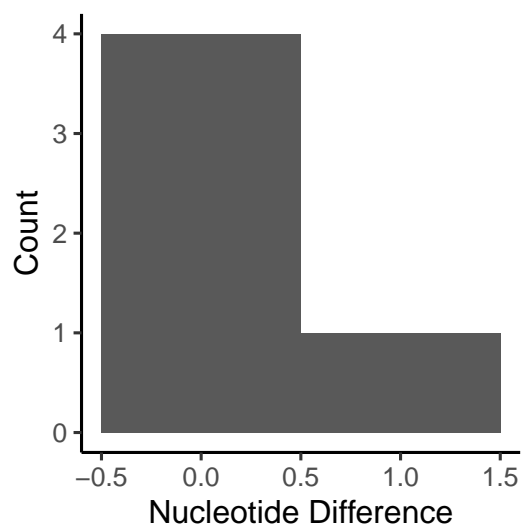
### IGKV2D-26\*03

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



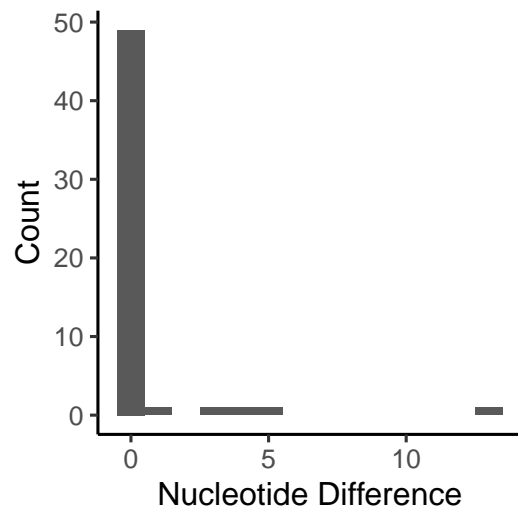
### IGKV1D-43\*01

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



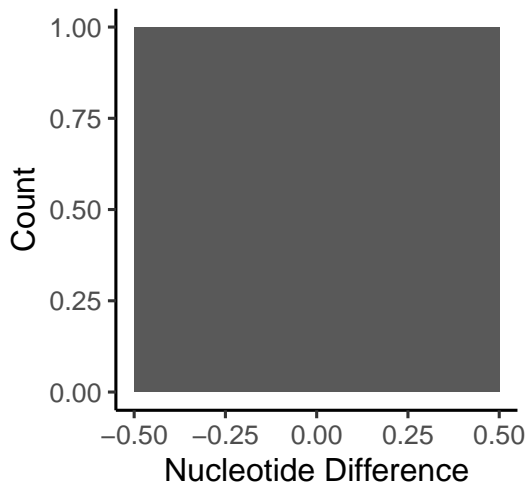
### IGKV1E-12\*01

54 sequences assigned  
49 (90.7%) exact matches, in which:  
34 unique CDR3  
5 unique J



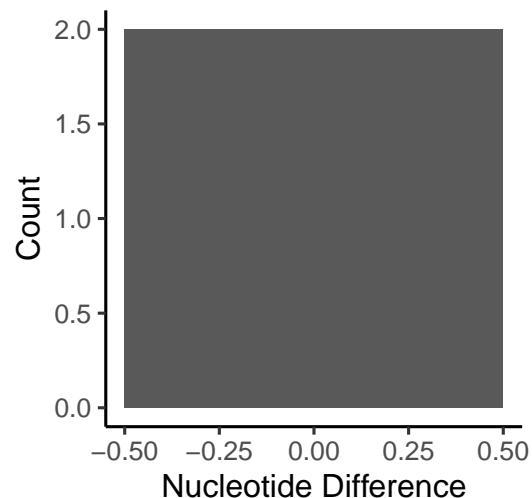
### IGKV1E-13\*02

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



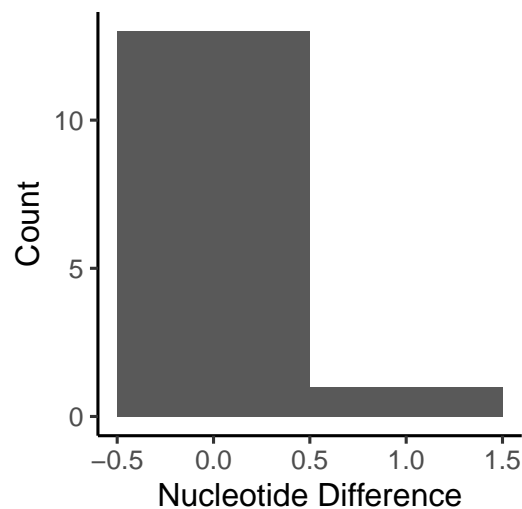
### IGKV6E-21\*03

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



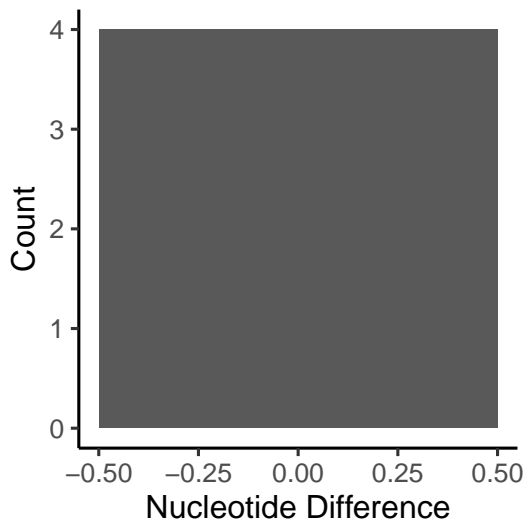
### IGKV1E-12\*02

14 sequences assigned  
13 (92.9%) exact matches, in which:  
9 unique CDR3  
4 unique J



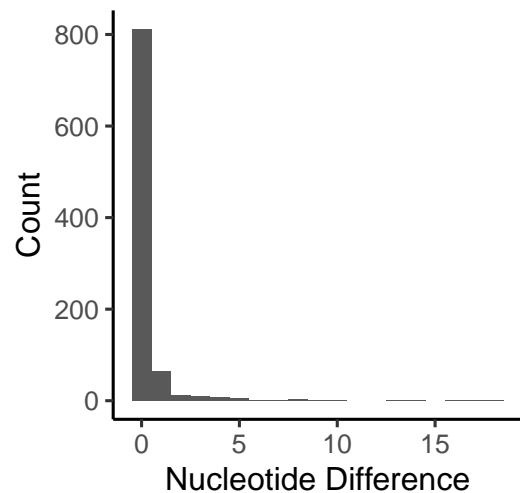
### IGKV1E-13\*03

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



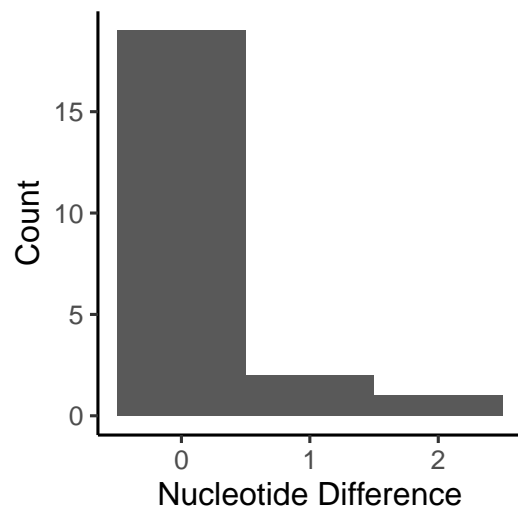
### IGKV2E-28\*01

926 sequences assigned  
812 (87.7%) exact matches, in which:  
600 unique CDR3  
5 unique J



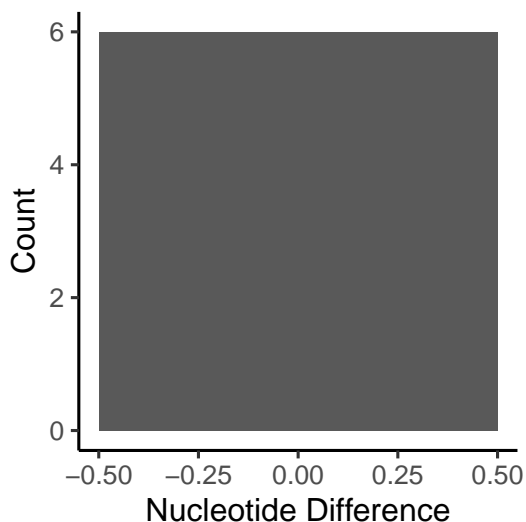
### IGKV1E-12\*03

23 sequences assigned  
19 (82.6%) exact matches, in which:  
18 unique CDR3  
5 unique J



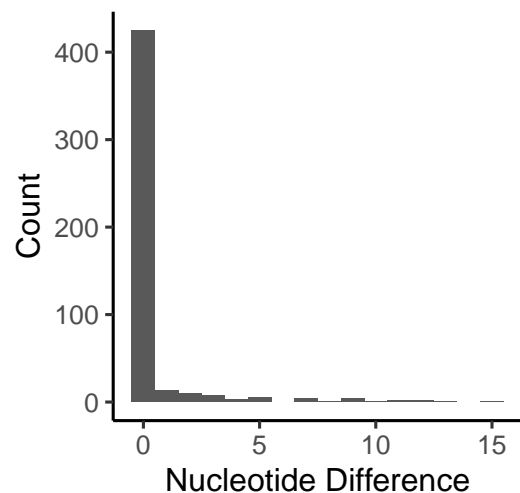
### IGKV6E-21\*01

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



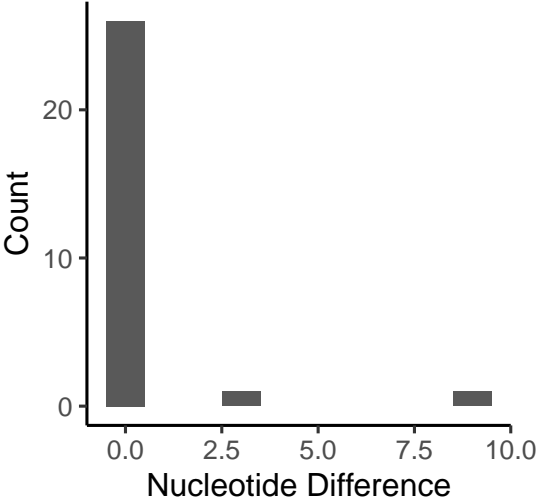
### IGKV1E-33\*01

479 sequences assigned  
425 (88.7%) exact matches, in which:  
316 unique CDR3  
5 unique J



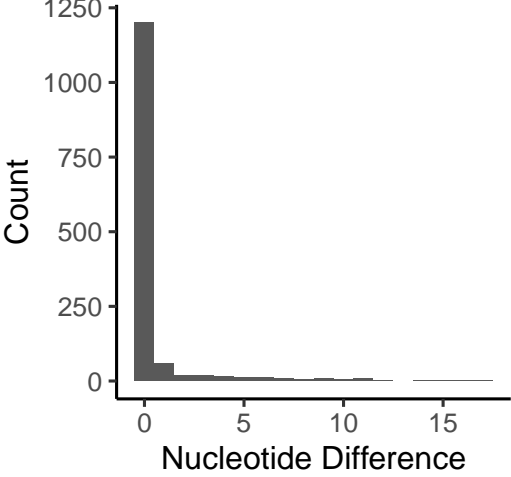
IGKV1E-37\*01

28 sequences assigned  
26 (92.9%) exact matches, in which:  
24 unique CDR3  
5 unique J



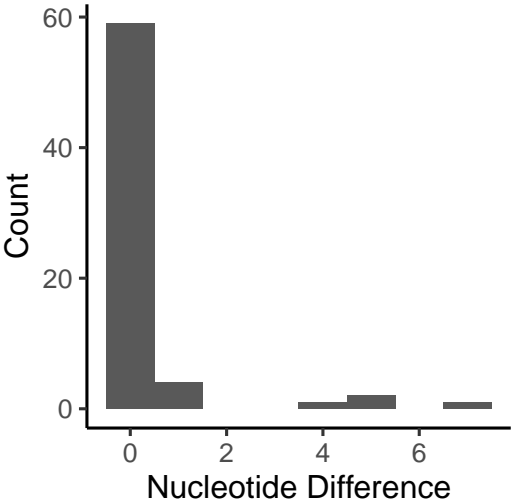
IGKV1E-39\*01

1379 sequences assigned  
1200 (87%) exact matches, in which:  
804 unique CDR3  
5 unique J



IGKV2E-40\*01

67 sequences assigned  
59 (88.1%) exact matches, in which:  
46 unique CDR3  
5 unique J





Warning – no inferred sequences found.