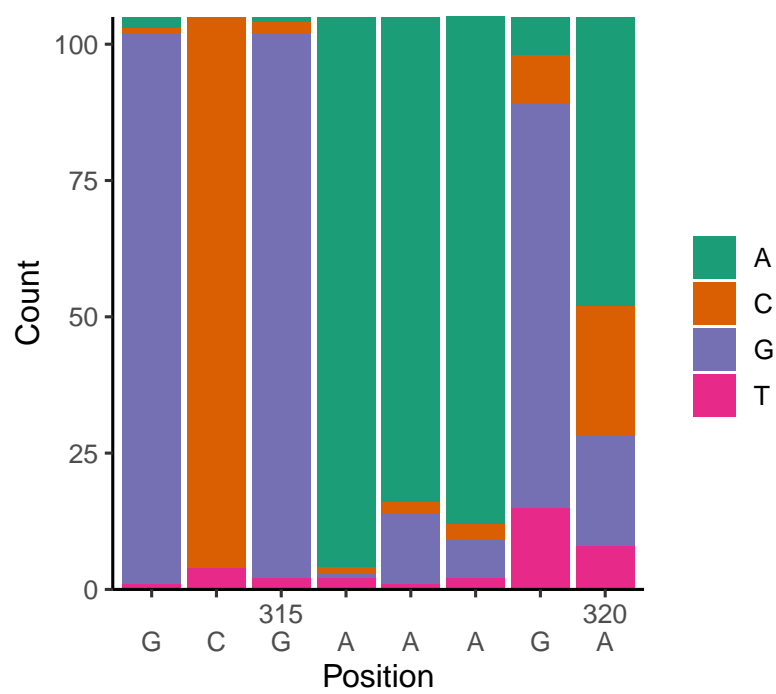
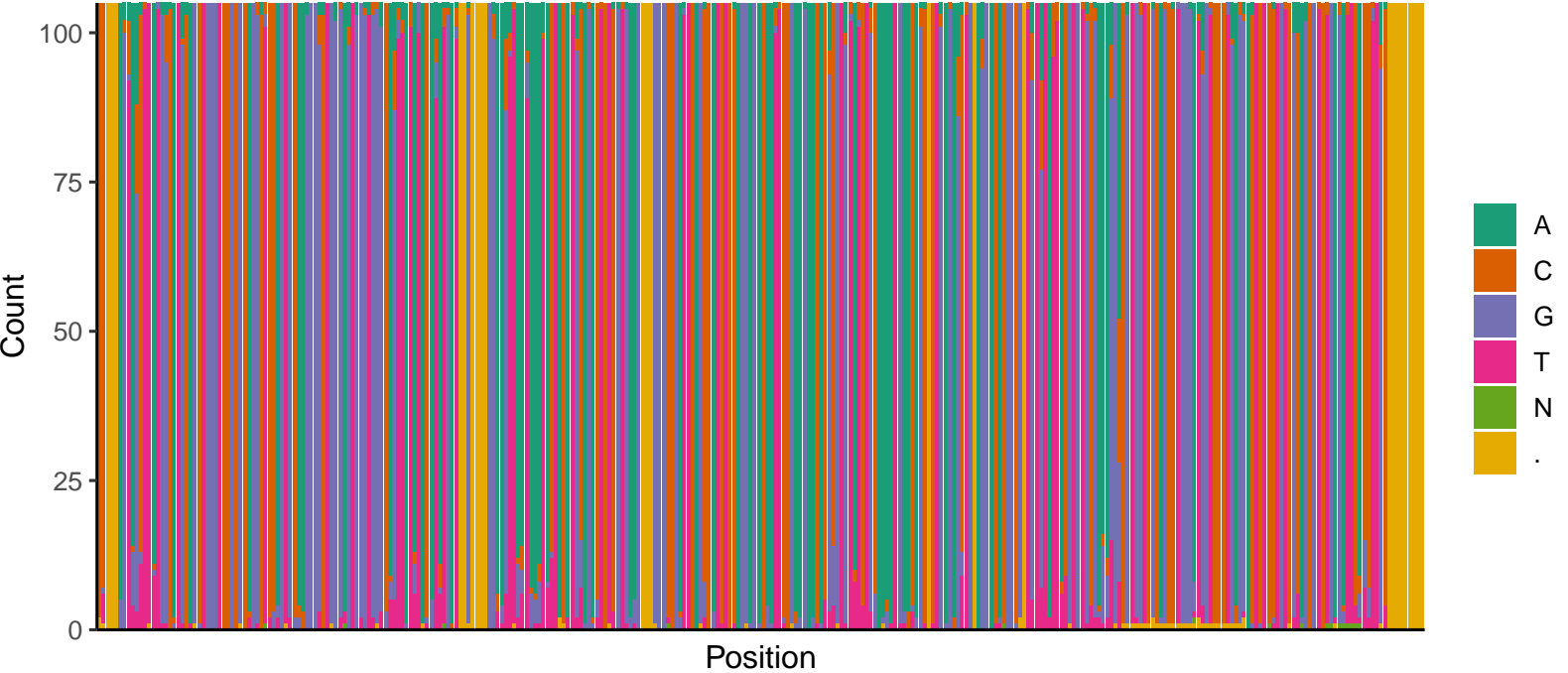


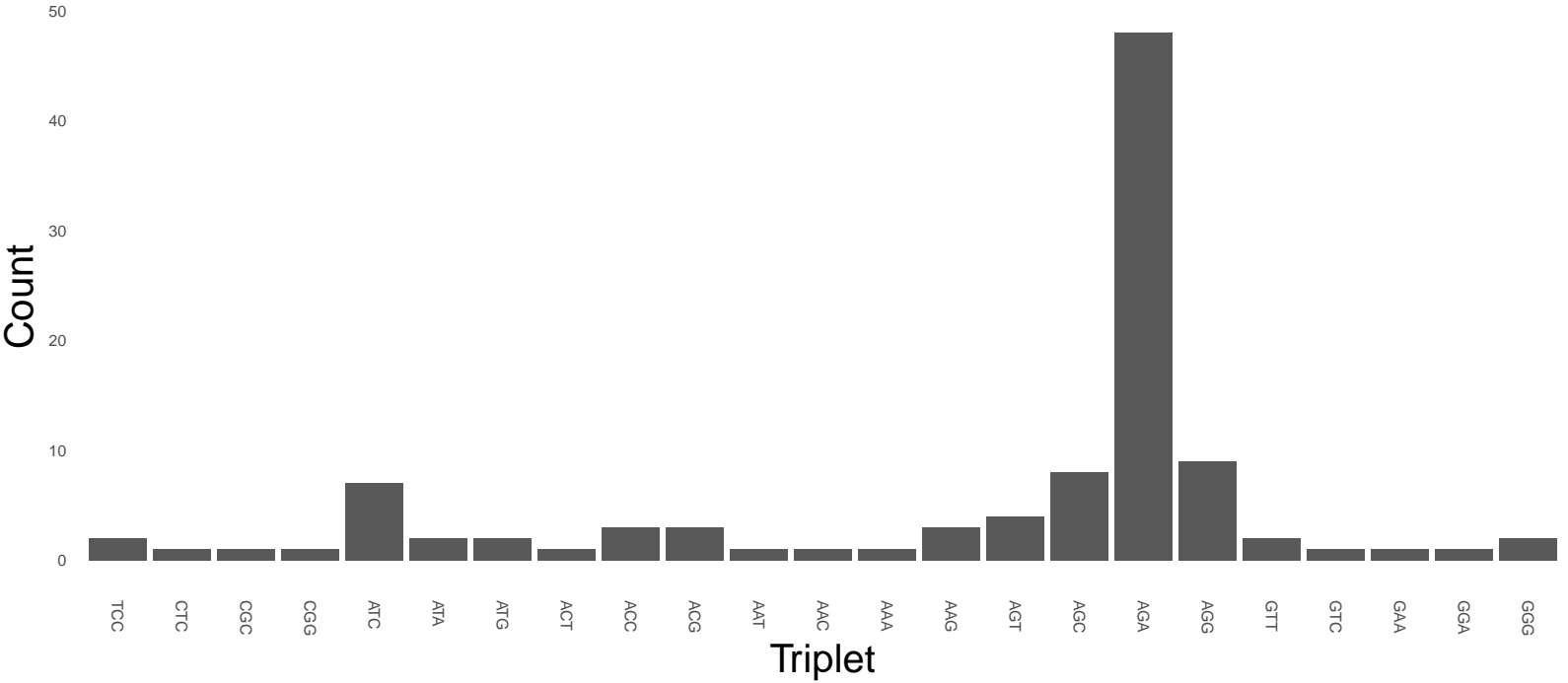
# Gene IGHV3-30\*18\_C75G



Gene IGHV3-30\*18\_C75G

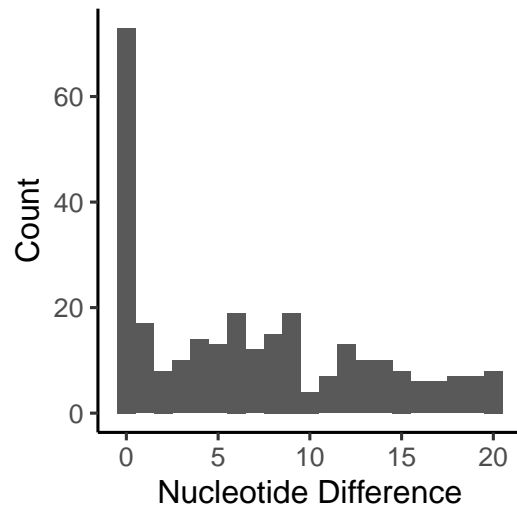


IGHV3-30\*18\_C75G- Final 3 nucleotides as a triplet



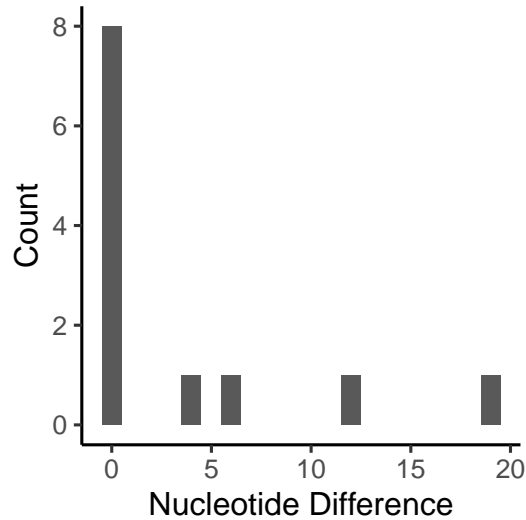
### IGHV1-2\*02

331 sequences assigned  
73 (22.1%) exact matches, in which:  
73 unique CDR3  
5 unique J



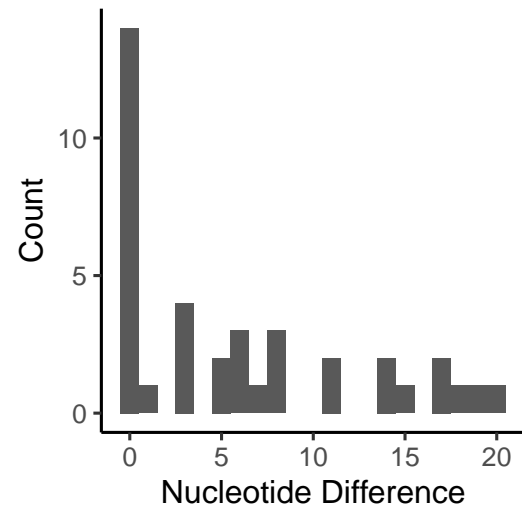
### IGHV1-24\*01

15 sequences assigned  
8 (53.3%) exact matches, in which:  
8 unique CDR3  
3 unique J



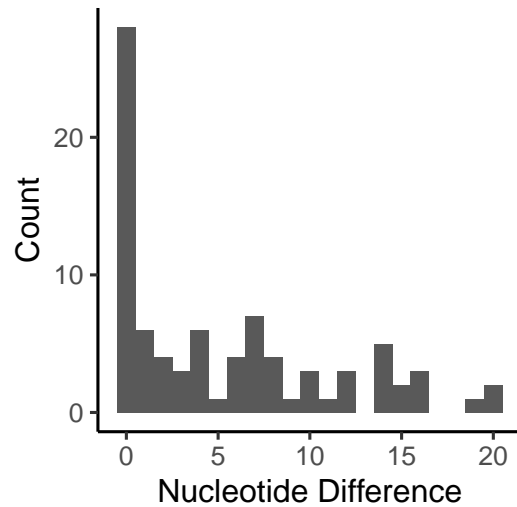
### IGHV1-46\*03

39 sequences assigned  
14 (35.9%) exact matches, in which:  
14 unique CDR3  
4 unique J



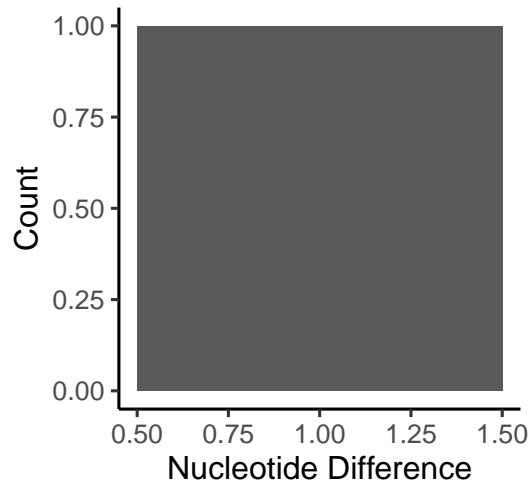
### IGHV1-8\*01

96 sequences assigned  
28 (29.2%) exact matches, in which:  
28 unique CDR3  
4 unique J



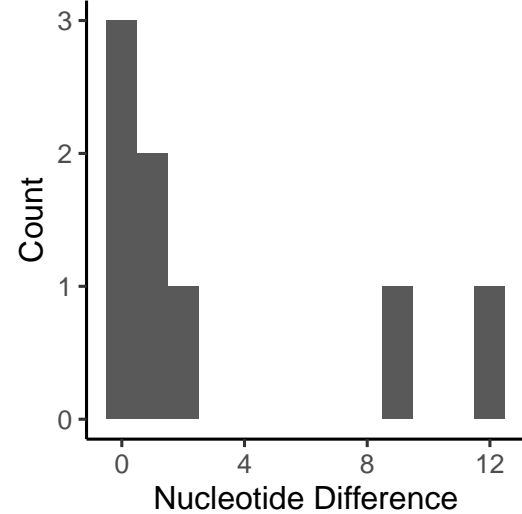
### IGHV1-45\*02

1 sequences assigned  
No exact matches.



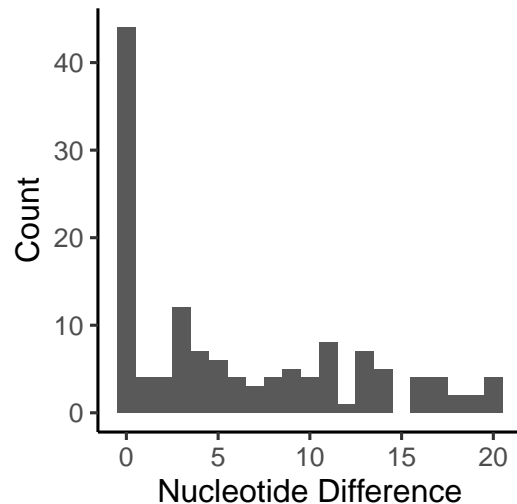
### IGHV1-58\*01

8 sequences assigned  
3 (37.5%) exact matches, in which:  
3 unique CDR3  
3 unique J



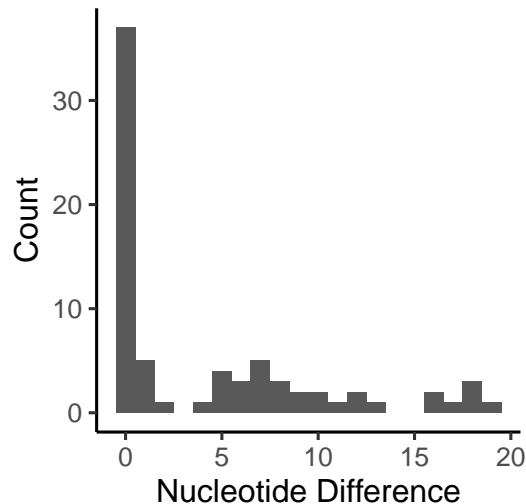
### IGHV1-18\*01

165 sequences assigned  
44 (26.7%) exact matches, in which:  
44 unique CDR3  
4 unique J



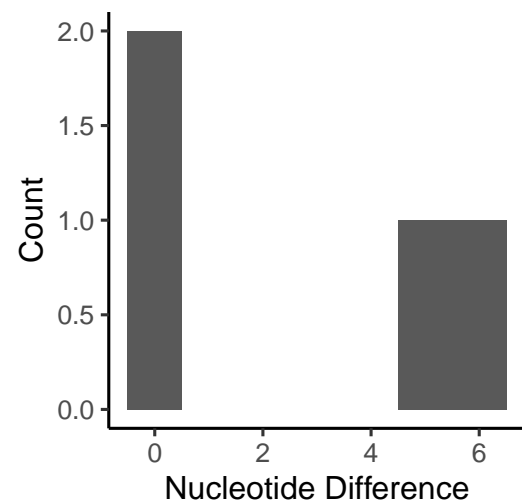
### IGHV1-46\*01

82 sequences assigned  
37 (45.1%) exact matches, in which:  
36 unique CDR3  
5 unique J



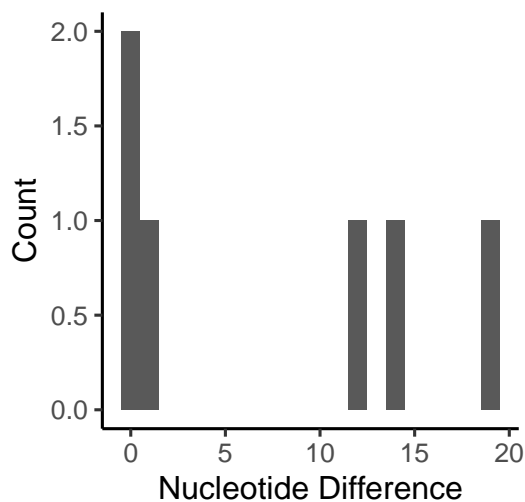
### IGHV1-58\*02

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



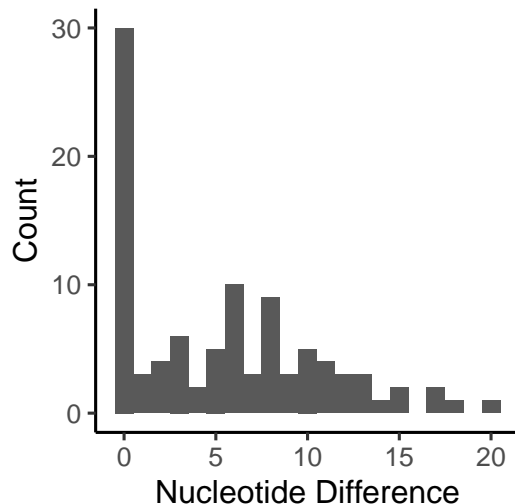
### IGHV1-69-2\*01

8 sequences assigned  
2 (25%) exact matches, in which:  
2 unique CDR3  
2 unique J



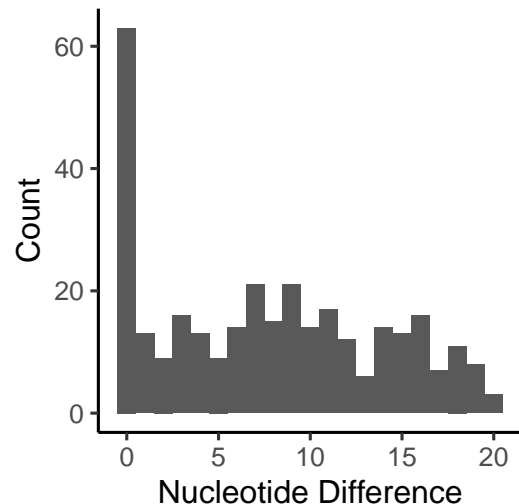
### IGHV2-5\*01

103 sequences assigned  
30 (29.1%) exact matches, in which:  
29 unique CDR3  
5 unique J



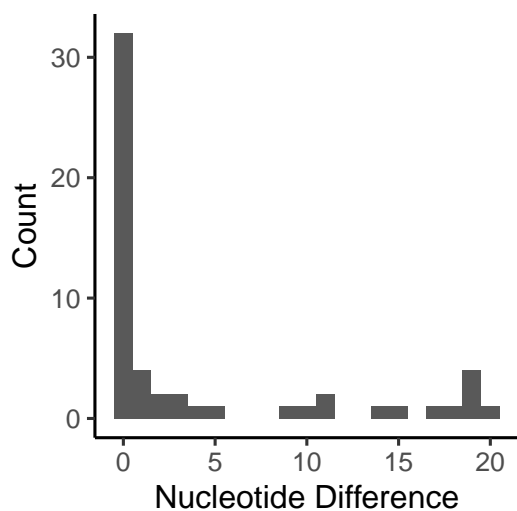
### IGHV3-7\*01

336 sequences assigned  
63 (18.8%) exact matches, in which:  
62 unique CDR3  
6 unique J



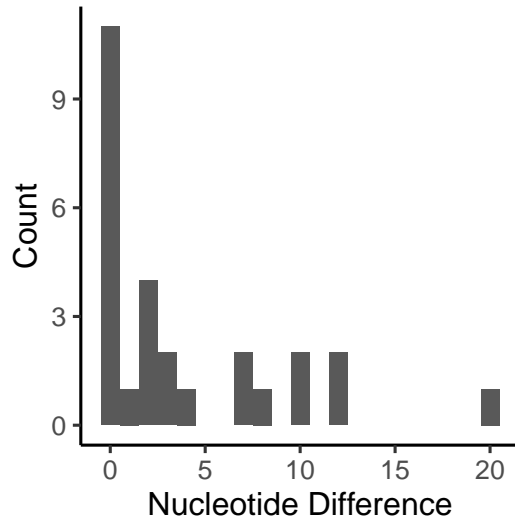
### IGHV1-69\*06

74 sequences assigned  
32 (43.2%) exact matches, in which:  
32 unique CDR3  
4 unique J



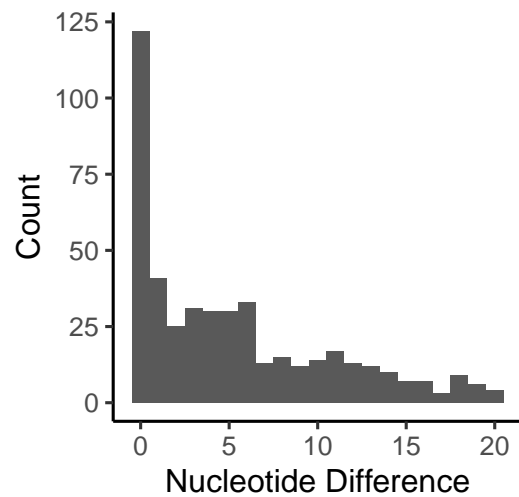
### IGHV2-26\*01

28 sequences assigned  
11 (39.3%) exact matches, in which:  
11 unique CDR3  
4 unique J



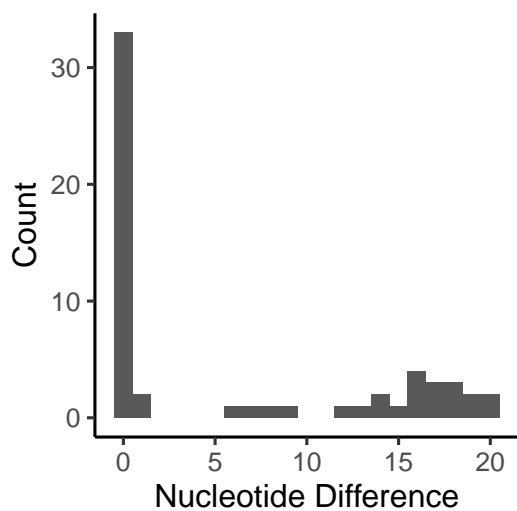
### IGHV3-9\*01

468 sequences assigned  
122 (26.1%) exact matches, in which:  
122 unique CDR3  
6 unique J



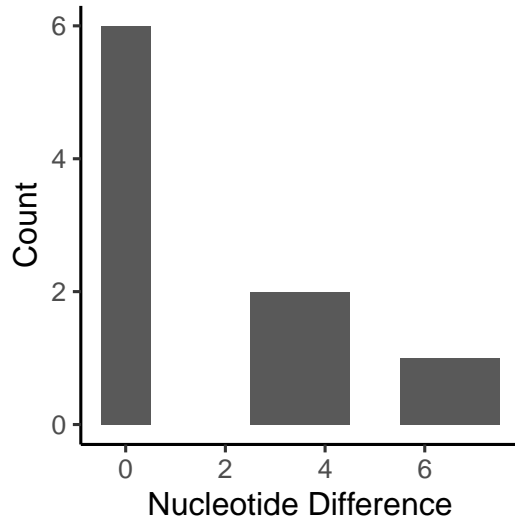
### IGHV1-69\*10

71 sequences assigned  
33 (46.5%) exact matches, in which:  
33 unique CDR3  
5 unique J



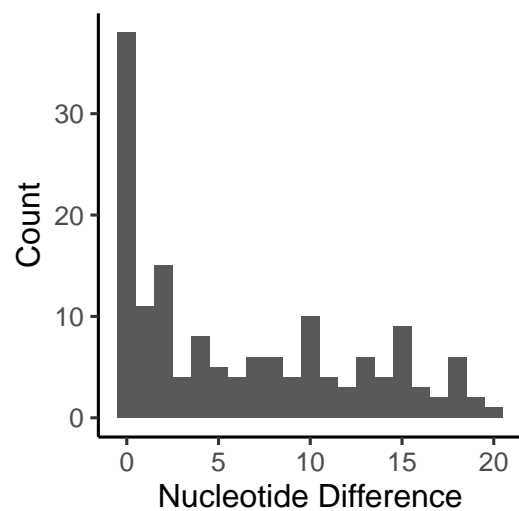
### IGHV2-70\*01

13 sequences assigned  
6 (46.2%) exact matches, in which:  
6 unique CDR3  
2 unique J



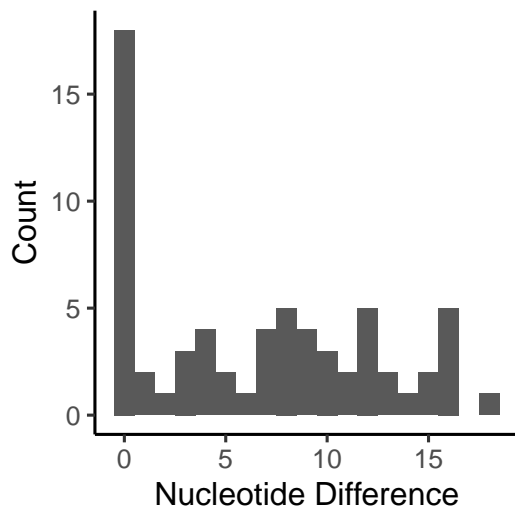
### IGHV3-11\*01

159 sequences assigned  
38 (23.9%) exact matches, in which:  
38 unique CDR3  
6 unique J



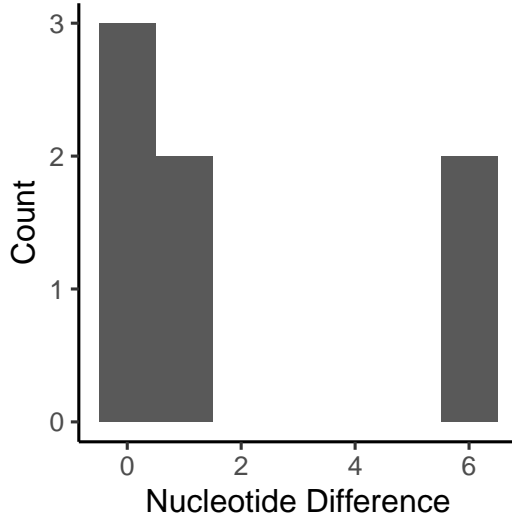
### IGHV3-13\*01

71 sequences assigned  
18 (25.4%) exact matches, in which:  
18 unique CDR3  
4 unique J



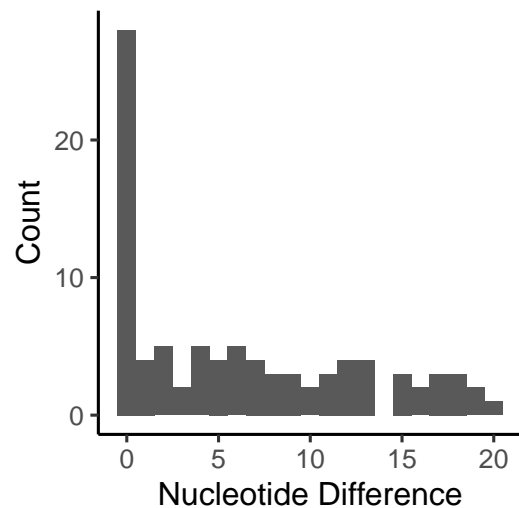
### IGHV3-20\*01

7 sequences assigned  
3 (42.9%) exact matches, in which:  
3 unique CDR3  
3 unique J



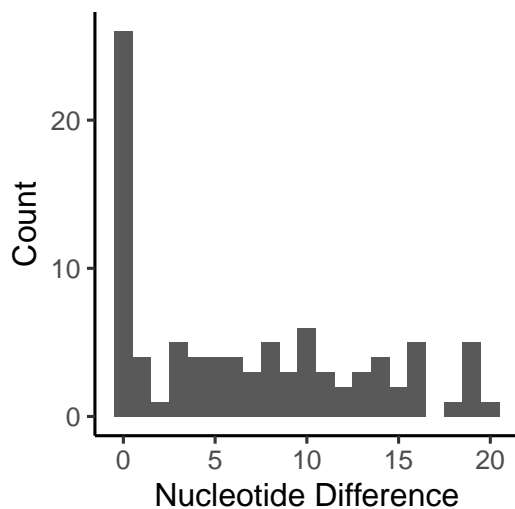
### IGHV3-30\*18\_C75G

105 sequences assigned  
28 (26.7%) exact matches, in which:  
28 unique CDR3  
4 unique J



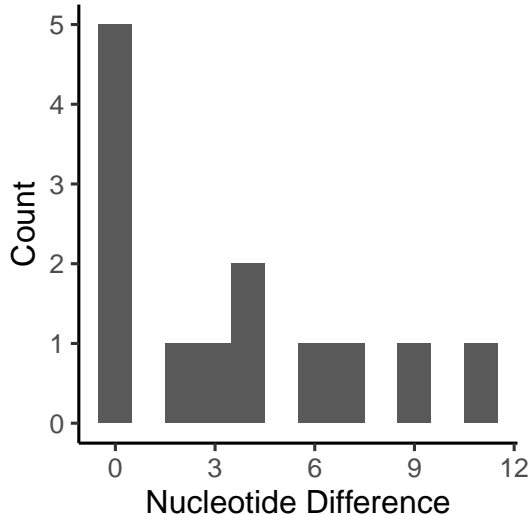
### IGHV3-15\*01

101 sequences assigned  
26 (25.7%) exact matches, in which:  
26 unique CDR3  
4 unique J



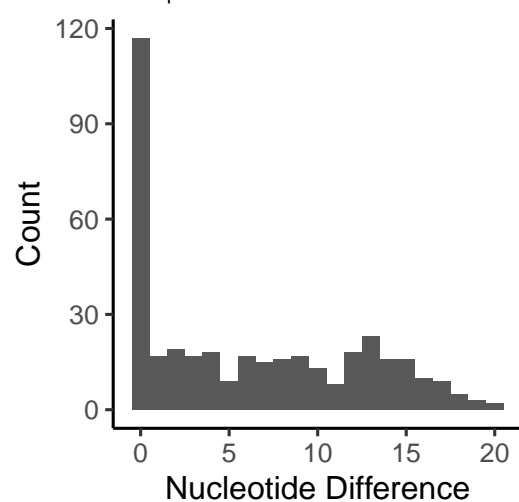
### IGHV3-20\*04

15 sequences assigned  
5 (33.3%) exact matches, in which:  
5 unique CDR3  
2 unique J



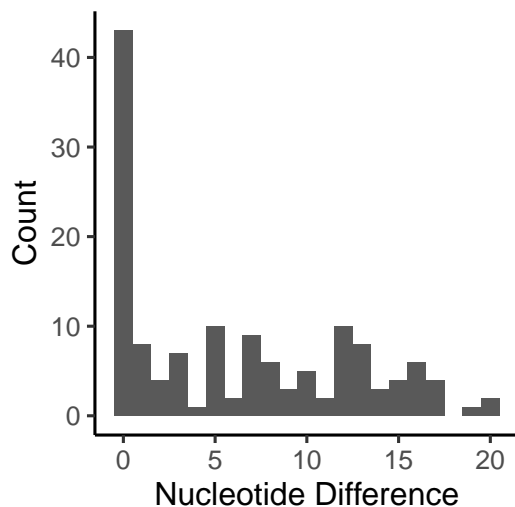
### IGHV3-33\*01

411 sequences assigned  
117 (28.5%) exact matches, in which:  
117 unique CDR3  
6 unique J



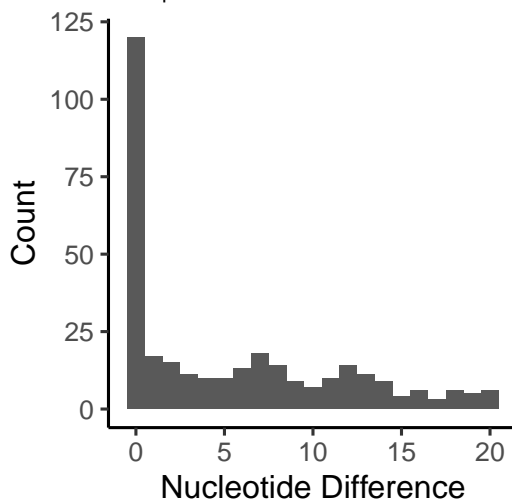
### IGHV3-15\*07

159 sequences assigned  
43 (27%) exact matches, in which:  
43 unique CDR3  
4 unique J



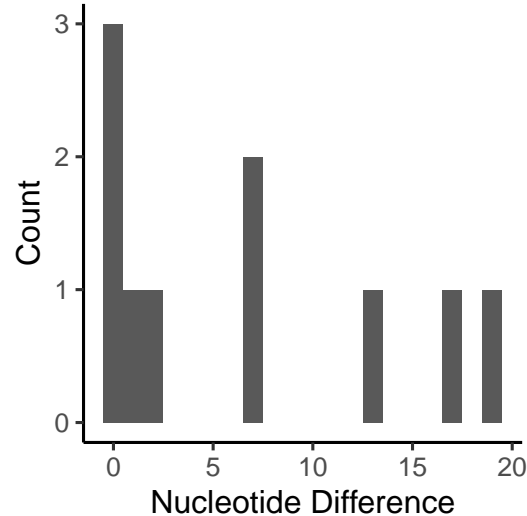
### IGHV3-21\*01

350 sequences assigned  
120 (34.3%) exact matches, in which:  
120 unique CDR3  
6 unique J



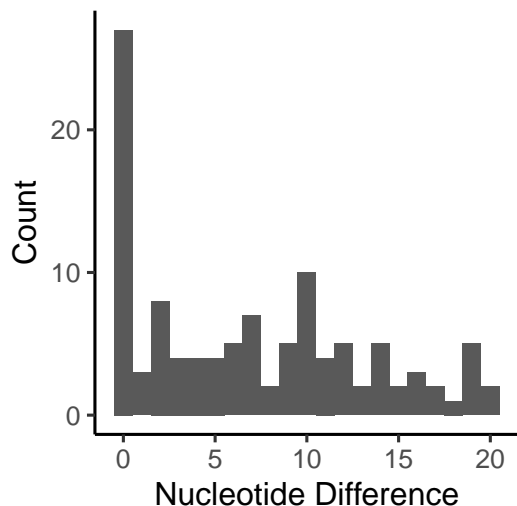
### IGHV3-43\*01

10 sequences assigned  
3 (30%) exact matches, in which:  
3 unique CDR3  
3 unique J



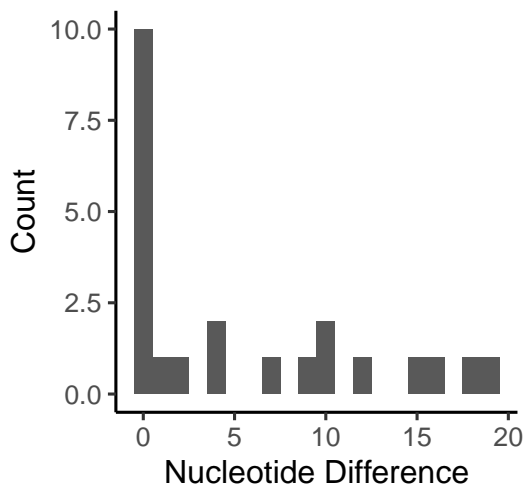
### IGHV3-48\*01

118 sequences assigned  
27 (22.9%) exact matches, in which:  
27 unique CDR3  
4 unique J



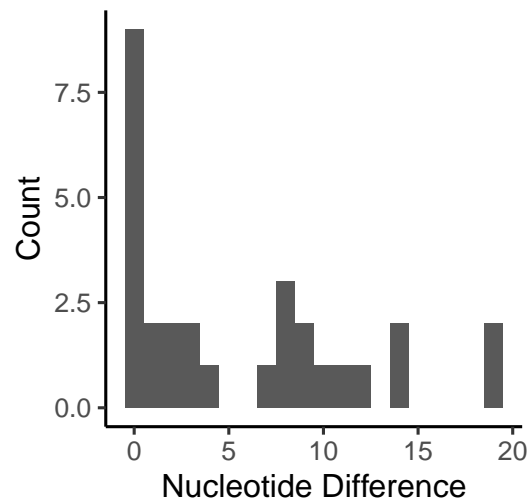
### IGHV3-49\*05

26 sequences assigned  
10 (38.5%) exact matches, in which:  
10 unique CDR3  
3 unique J



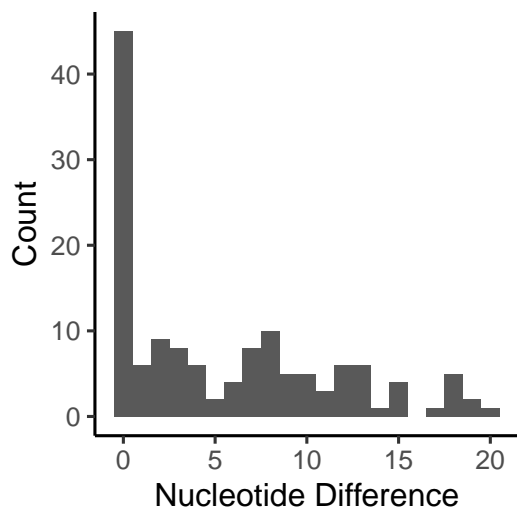
### IGHV3-64\*01

34 sequences assigned  
9 (26.5%) exact matches, in which:  
9 unique CDR3  
3 unique J



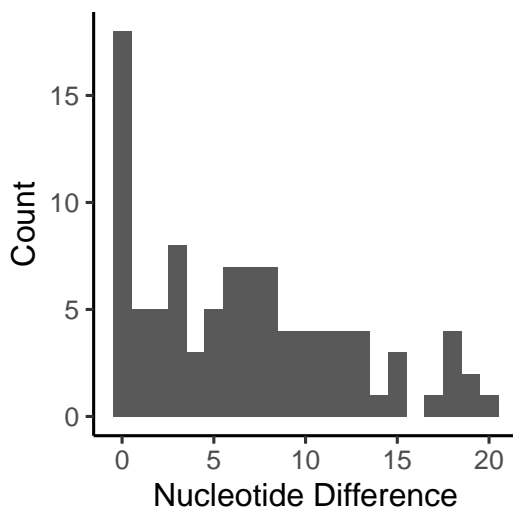
### IGHV3-48\*02

146 sequences assigned  
45 (30.8%) exact matches, in which:  
45 unique CDR3  
6 unique J



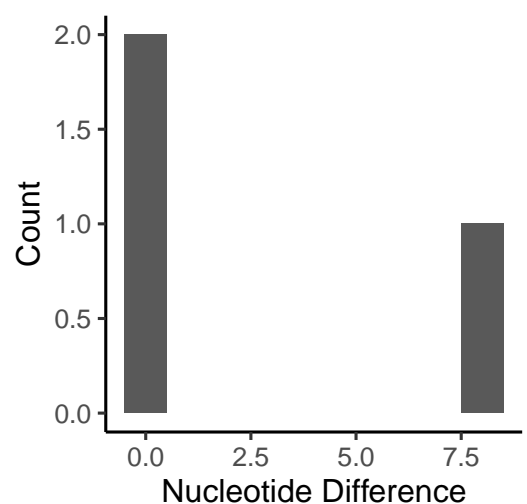
### IGHV3-53\*01

113 sequences assigned  
18 (15.9%) exact matches, in which:  
18 unique CDR3  
5 unique J



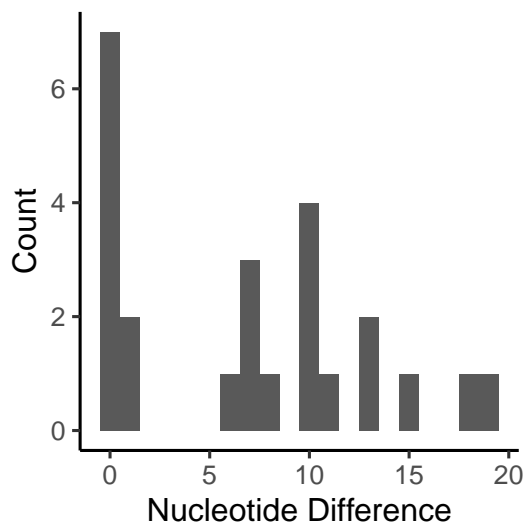
### IGHV3-64\*02

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



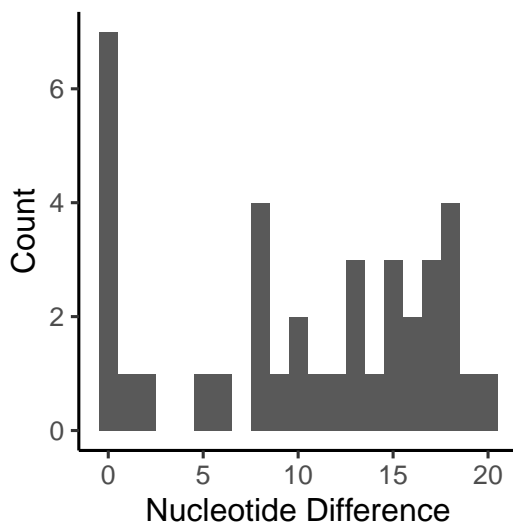
### IGHV3-49\*03

29 sequences assigned  
7 (24.1%) exact matches, in which:  
7 unique CDR3  
3 unique J



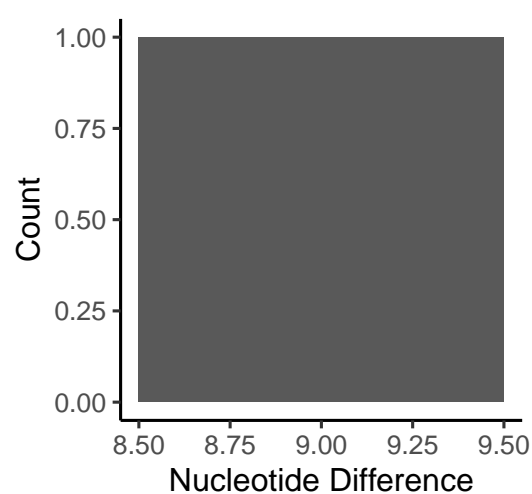
### IGHV3-53\*02

43 sequences assigned  
7 (16.3%) exact matches, in which:  
7 unique CDR3  
3 unique J



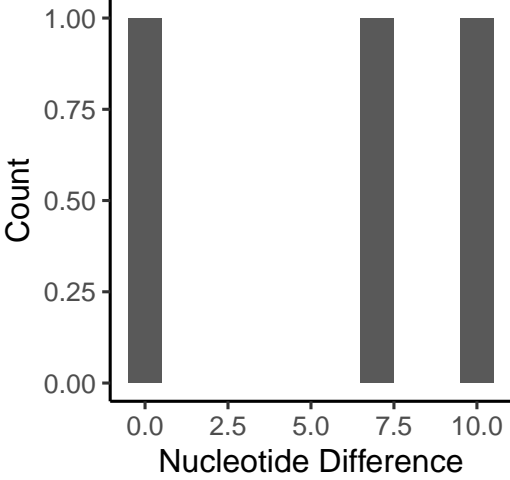
### IGHV3-66\*03

1 sequences assigned  
No exact matches.



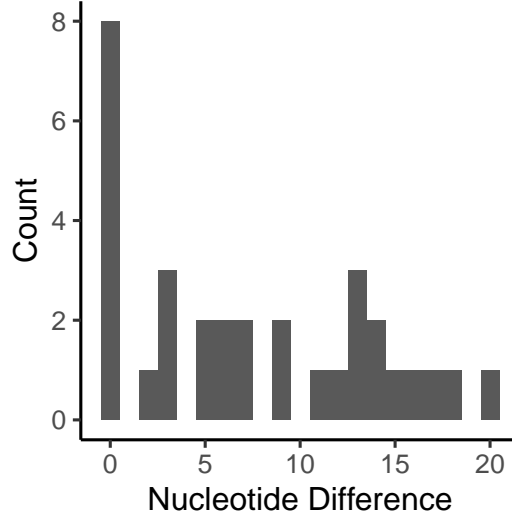
### IGHV3-69-1\*01

4 sequences assigned  
1 (25%) exact matches, in which:  
1 unique CDR3  
1 unique J



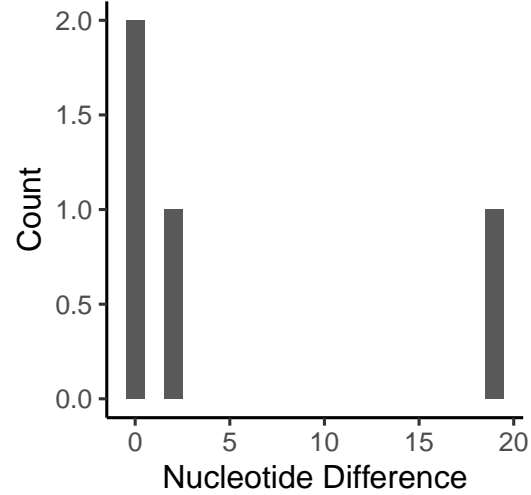
### IGHV3-73\*02

34 sequences assigned  
8 (23.5%) exact matches, in which:  
8 unique CDR3  
3 unique J



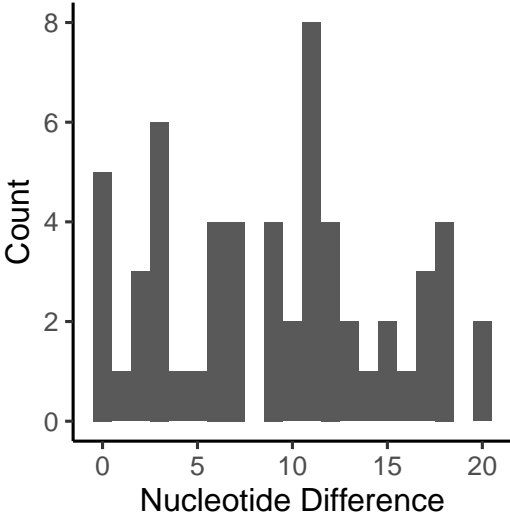
### IGHV4-28\*01

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



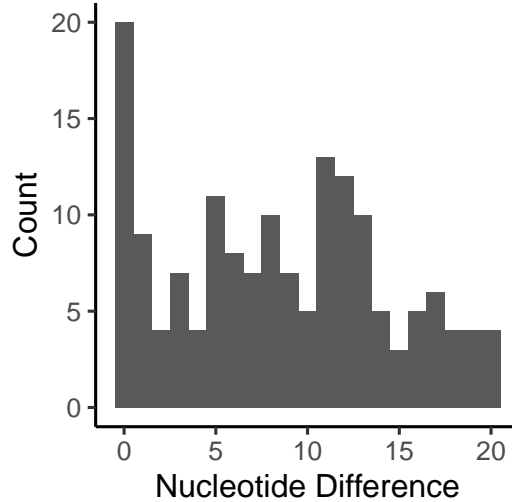
### IGHV3-72\*01

69 sequences assigned  
5 (7.2%) exact matches, in which:  
5 unique CDR3  
2 unique J



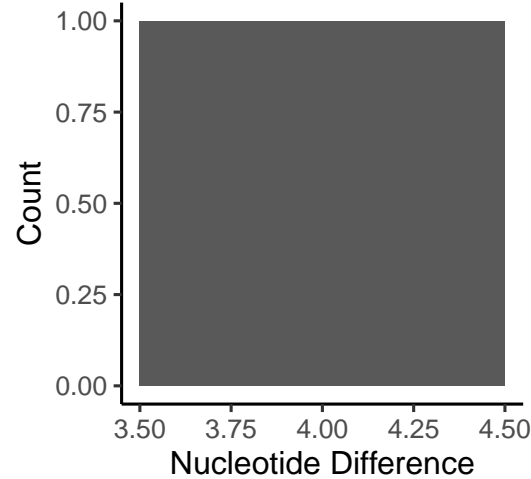
### IGHV3-74\*01

173 sequences assigned  
20 (11.6%) exact matches, in which:  
20 unique CDR3  
4 unique J



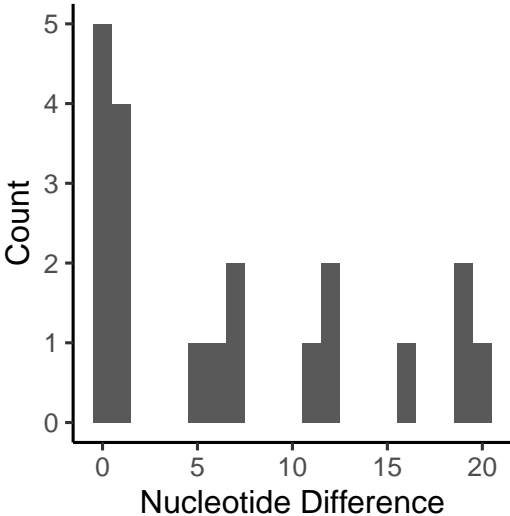
### IGHV4-28\*03

2 sequences assigned  
No exact matches.



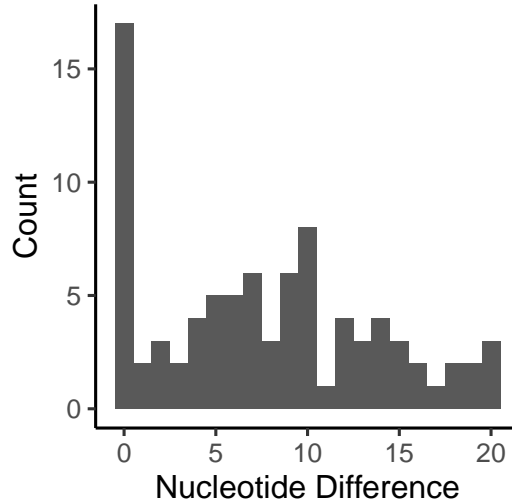
### IGHV3-73\*01

22 sequences assigned  
5 (22.7%) exact matches, in which:  
5 unique CDR3  
4 unique J



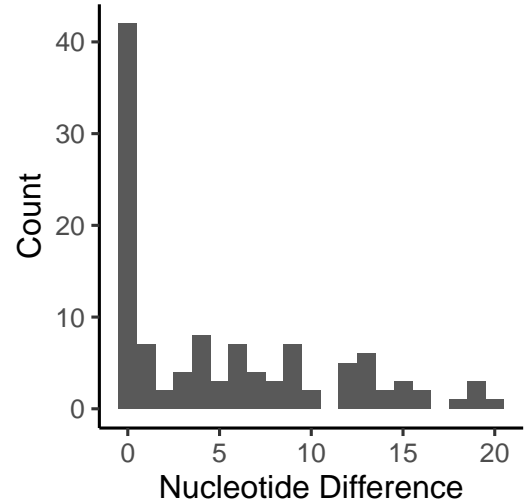
### IGHV4-4\*07

96 sequences assigned  
17 (17.7%) exact matches, in which:  
17 unique CDR3  
5 unique J



### IGHV4-31\*03

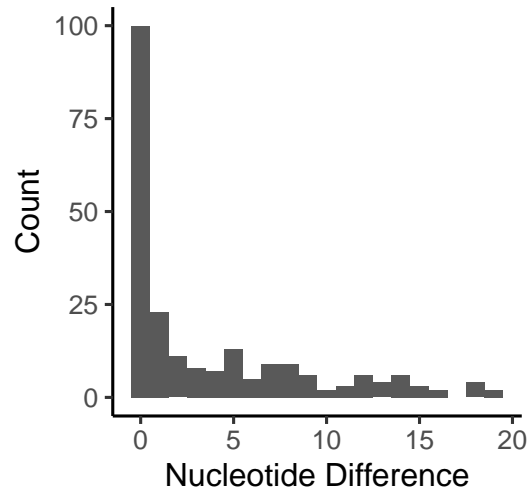
125 sequences assigned  
42 (33.6%) exact matches, in which:  
42 unique CDR3  
5 unique J





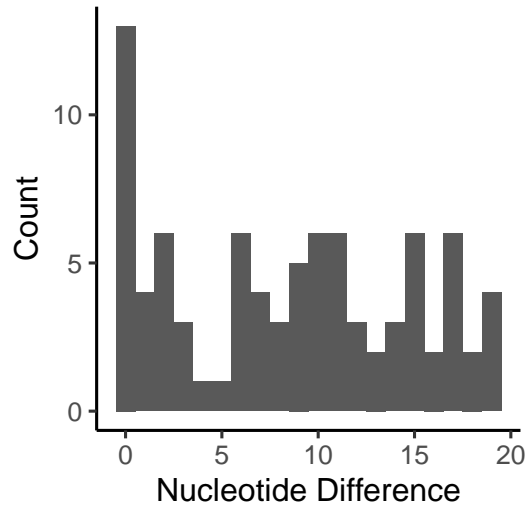
### IGHV4–34\*01

242 sequences assigned  
100 (41.3%) exact matches, in which:  
100 unique CDR3  
6 unique J



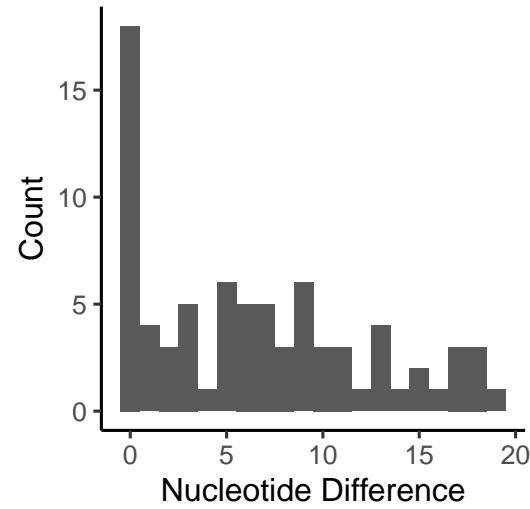
### IGHV4–59\*08

95 sequences assigned  
13 (13.7%) exact matches, in which:  
13 unique CDR3  
5 unique J



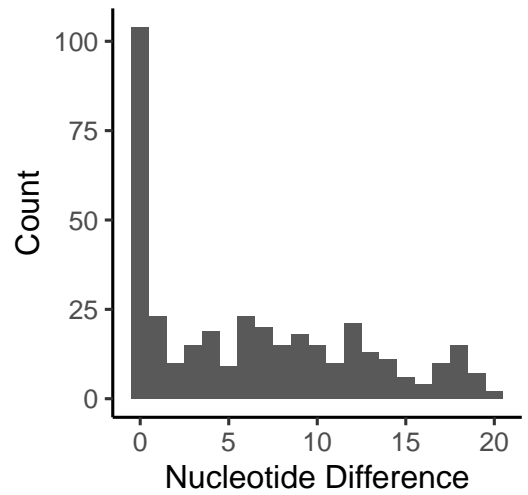
### IGHV5–51\*03

84 sequences assigned  
18 (21.4%) exact matches, in which:  
18 unique CDR3  
4 unique J



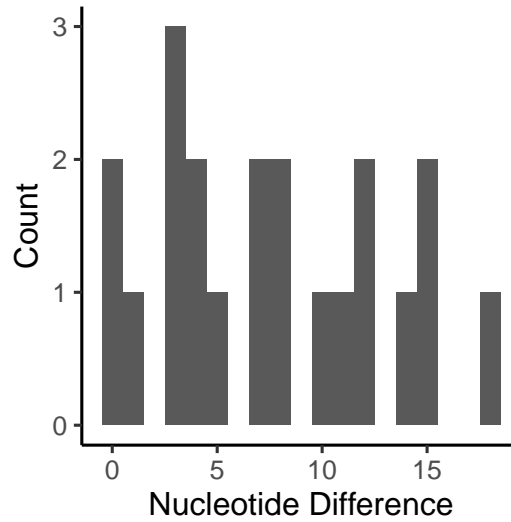
### IGHV4–39\*01

423 sequences assigned  
104 (24.6%) exact matches, in which:  
104 unique CDR3  
6 unique J



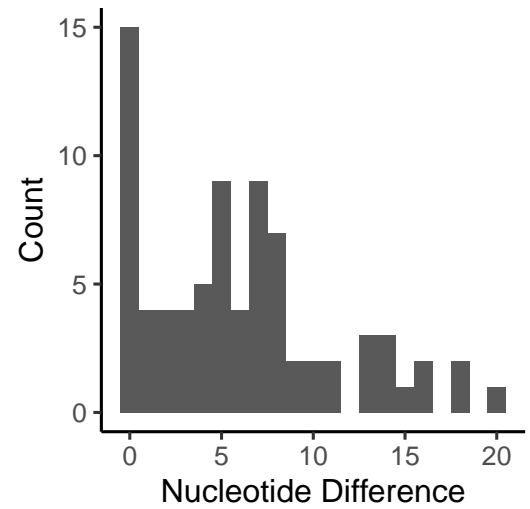
### IGHV4–61\*01

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



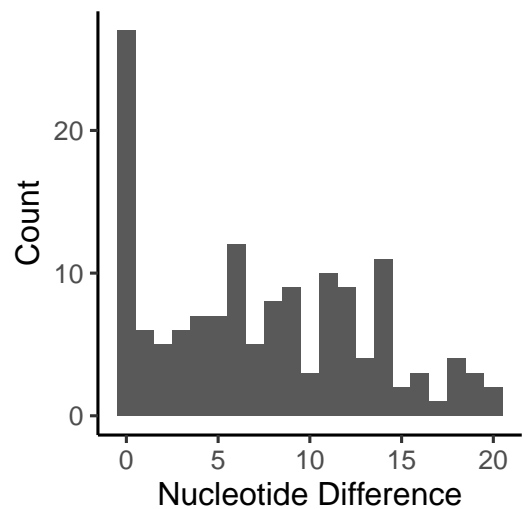
### IGHV6–1\*01

83 sequences assigned  
15 (18.1%) exact matches, in which:  
15 unique CDR3  
4 unique J



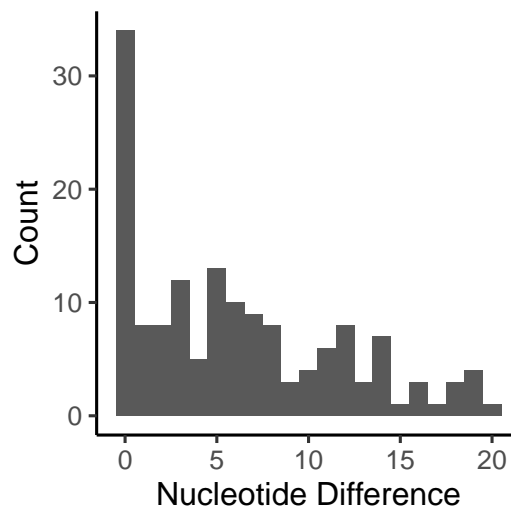
### IGHV4–59\*01

162 sequences assigned  
27 (16.7%) exact matches, in which:  
27 unique CDR3  
5 unique J



### IGHV5–51\*01

158 sequences assigned  
34 (21.5%) exact matches, in which:  
34 unique CDR3  
6 unique J



IGHV3-30\*18\_C75G

