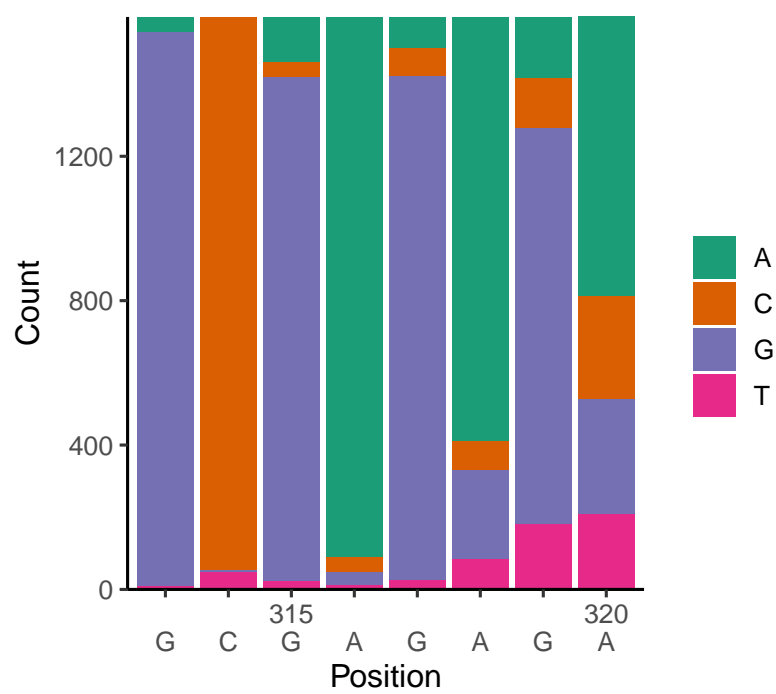


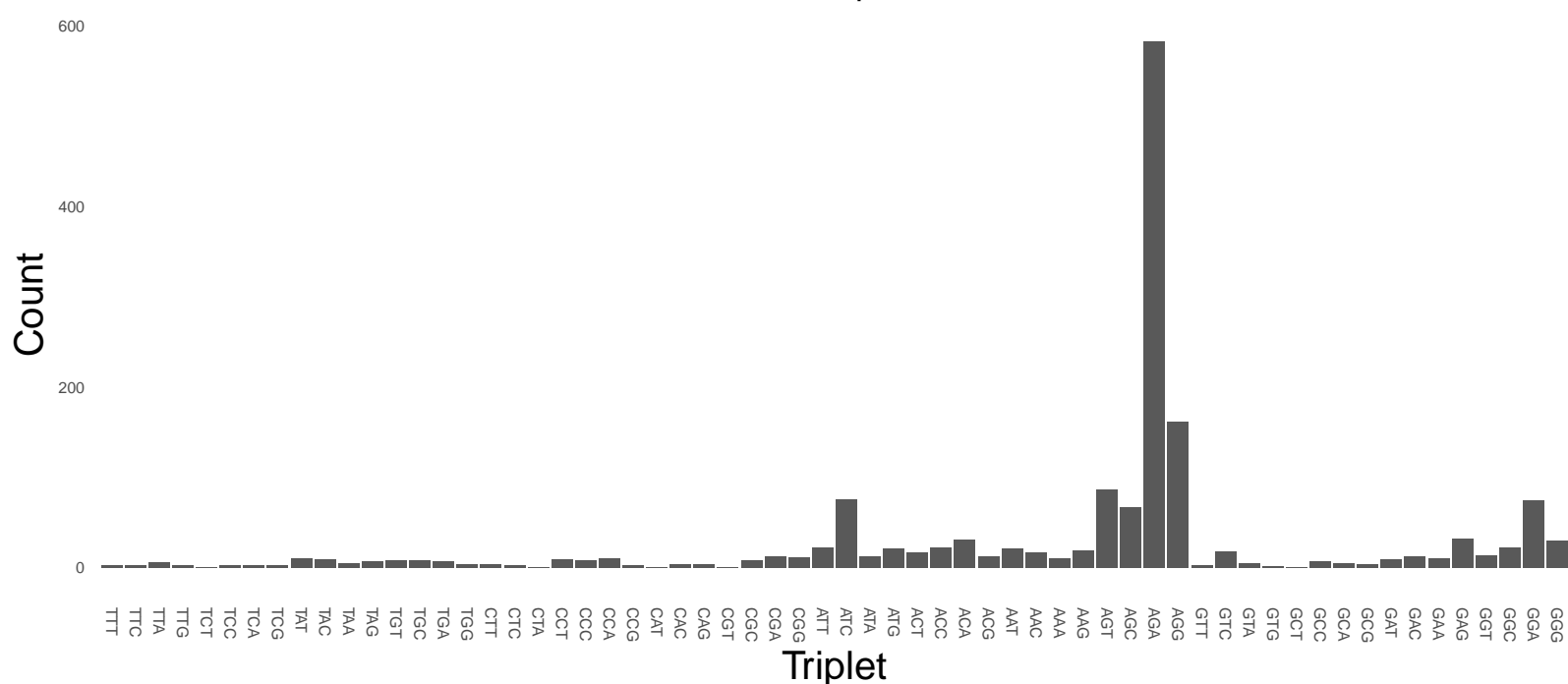
# Gene IGHV3-30\*03\_T288C



# Gene IGHV3-30\*03\_T288C

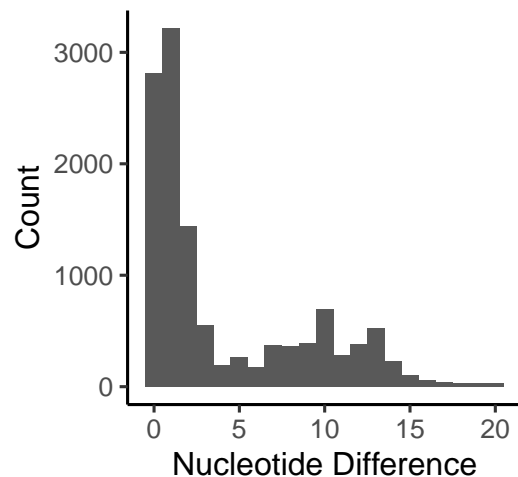


IGHV3-30\*03\_T288C- Final 3 nucleotides as a triplet



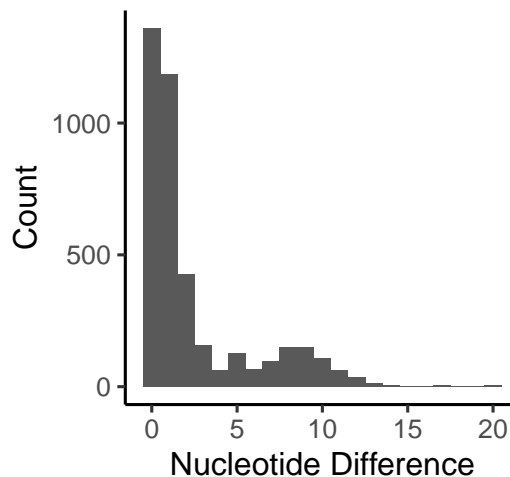
### IGHV1-2\*02

12262 sequences assigned  
2813 (22.9%) exact matches, in which:  
2265 unique CDR3  
7 unique J



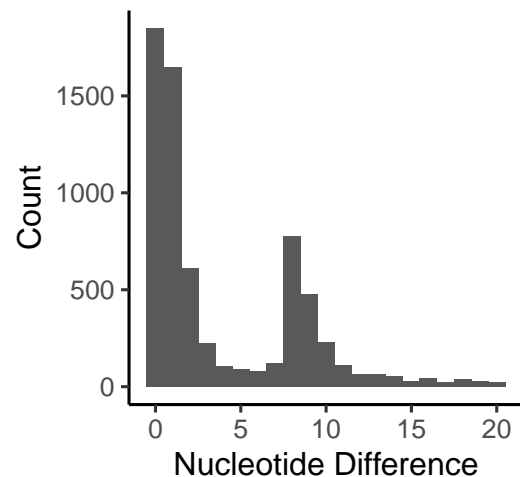
### IGHV1-8\*01

4027 sequences assigned  
1359 (33.7%) exact matches, in which:  
1177 unique CDR3  
7 unique J



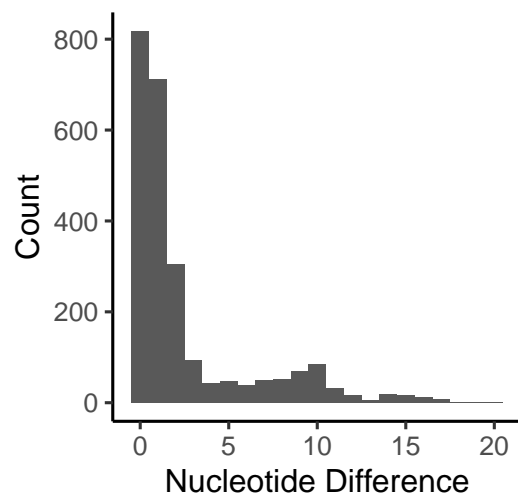
### IGHV1-18\*04

7343 sequences assigned  
1848 (25.2%) exact matches, in which:  
1582 unique CDR3  
7 unique J



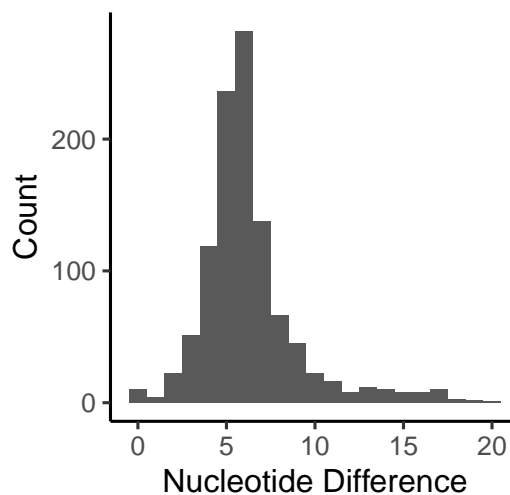
### IGHV1-2\*04

2430 sequences assigned  
818 (33.7%) exact matches, in which:  
689 unique CDR3  
7 unique J



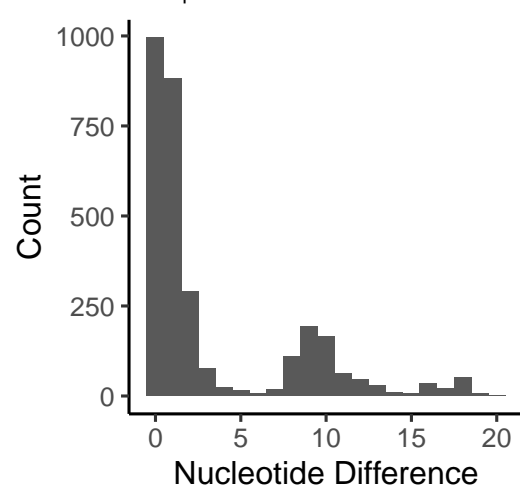
### IGHV1-8\*02

1074 sequences assigned  
10 (0.9%) exact matches, in which:  
10 unique CDR3  
4 unique J



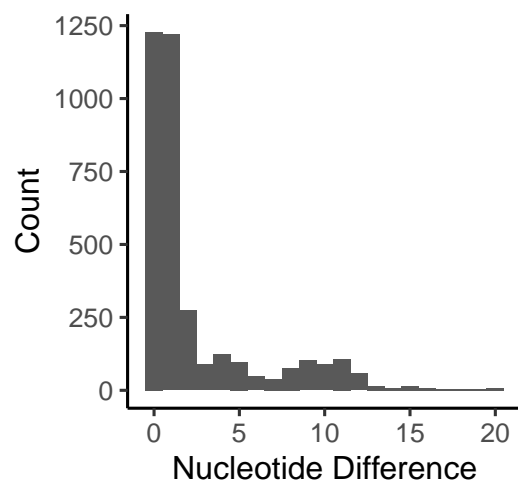
### IGHV1-24\*01

3052 sequences assigned  
995 (32.6%) exact matches, in which:  
836 unique CDR3  
7 unique J



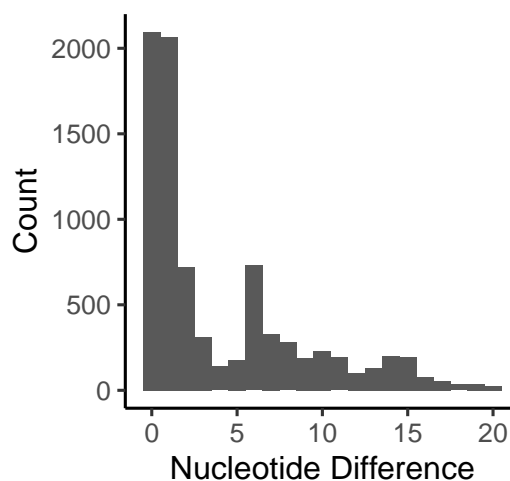
### IGHV1-3\*01\_05

4490 sequences assigned  
1228 (27.3%) exact matches, in which:  
995 unique CDR3  
7 unique J



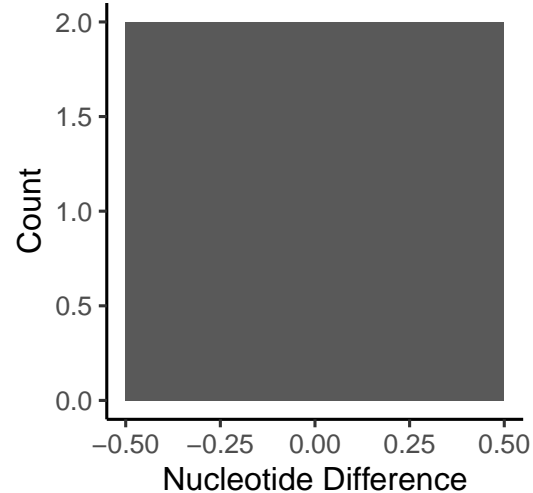
### IGHV1-18\*01

9166 sequences assigned  
2095 (22.9%) exact matches, in which:  
1728 unique CDR3  
7 unique J



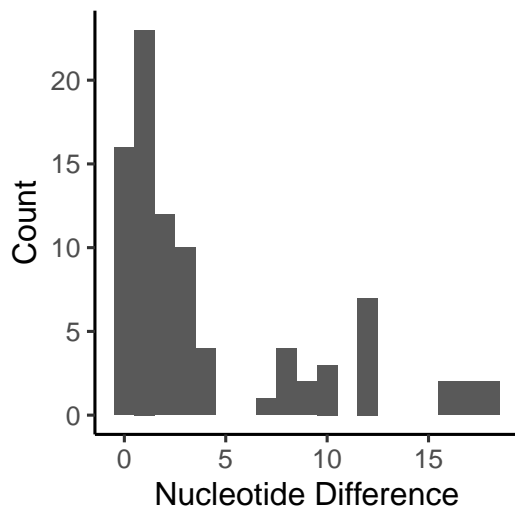
### IGHV1-38-4\*01

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



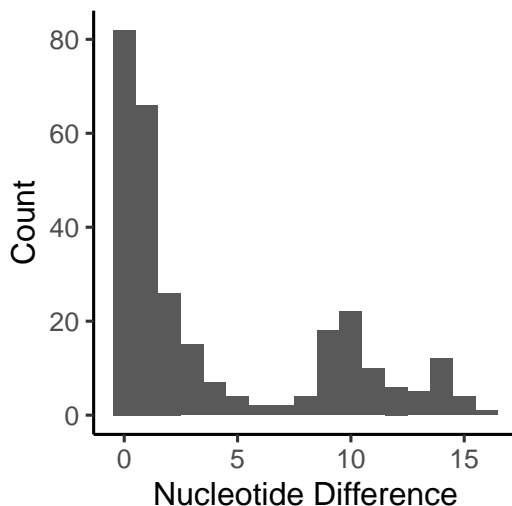
### IGHV1-45\*02

88 sequences assigned  
16 (18.2%) exact matches, in which:  
13 unique CDR3  
6 unique J



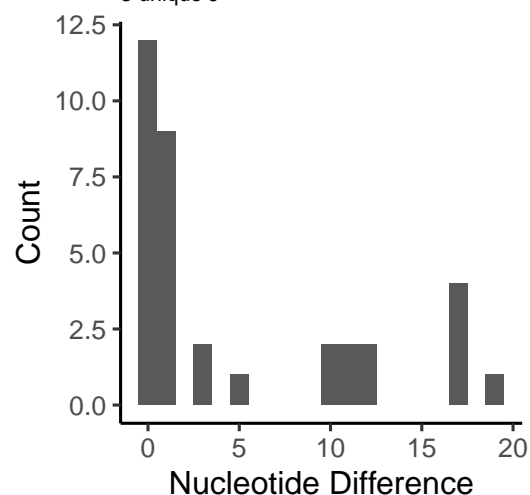
### IGHV1-58\*02

286 sequences assigned  
82 (28.7%) exact matches, in which:  
68 unique CDR3  
6 unique J



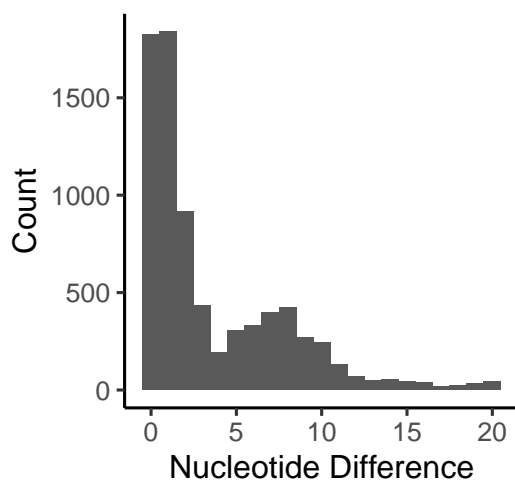
### IGHV1-69-2\*01

35 sequences assigned  
12 (34.3%) exact matches, in which:  
9 unique CDR3  
3 unique J



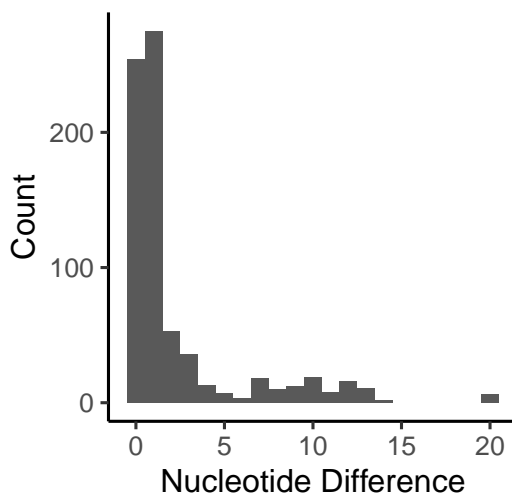
### IGHV1-46\*01

8371 sequences assigned  
1823 (21.8%) exact matches, in which:  
1590 unique CDR3  
7 unique J



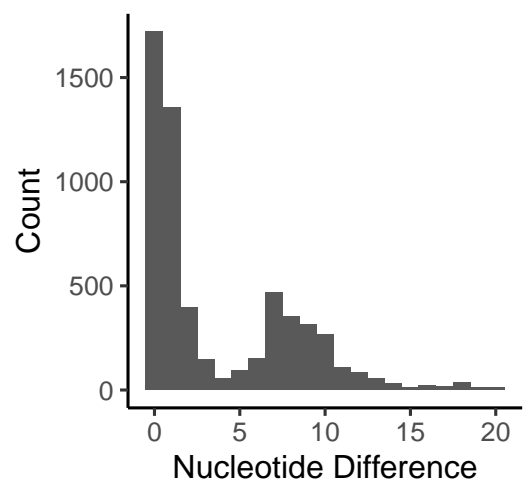
### IGHV1-58\*01\_03

753 sequences assigned  
254 (33.7%) exact matches, in which:  
227 unique CDR3  
7 unique J



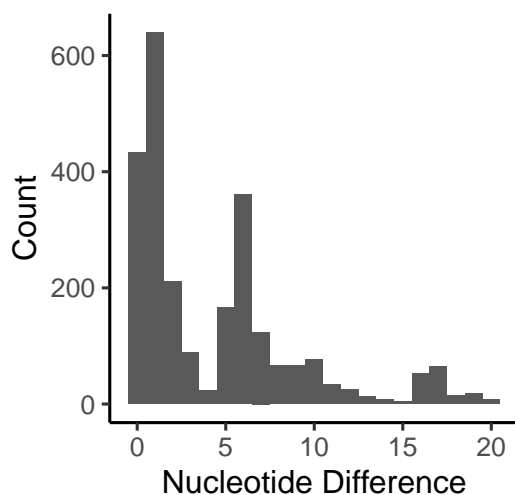
### IGHV1-69\*06\_14

5766 sequences assigned  
1720 (29.8%) exact matches, in which:  
1519 unique CDR3  
7 unique J



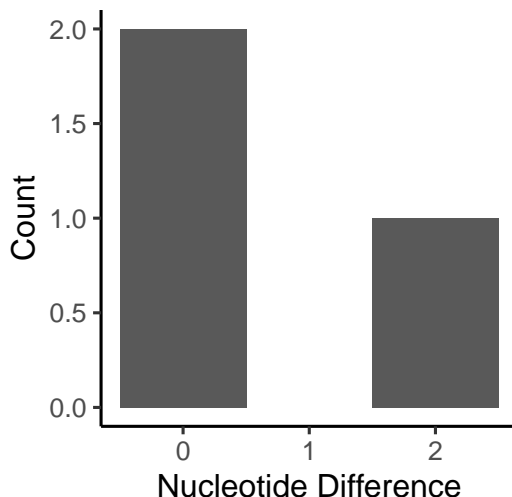
### IGHV1-46\*03

2528 sequences assigned  
433 (17.1%) exact matches, in which:  
295 unique CDR3  
7 unique J



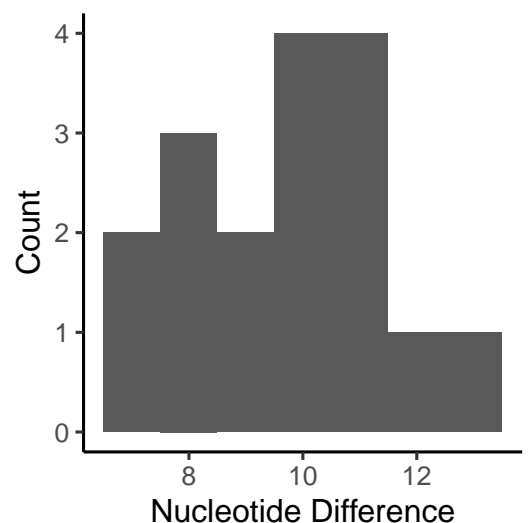
### IGHV1-68\*01

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



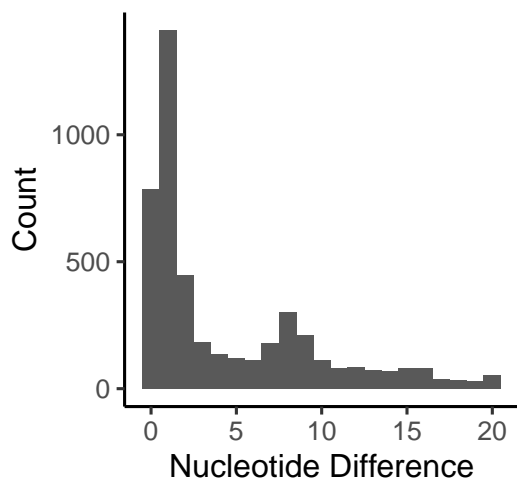
### IGHV1-NL1\*01

17 sequences assigned  
No exact matches.



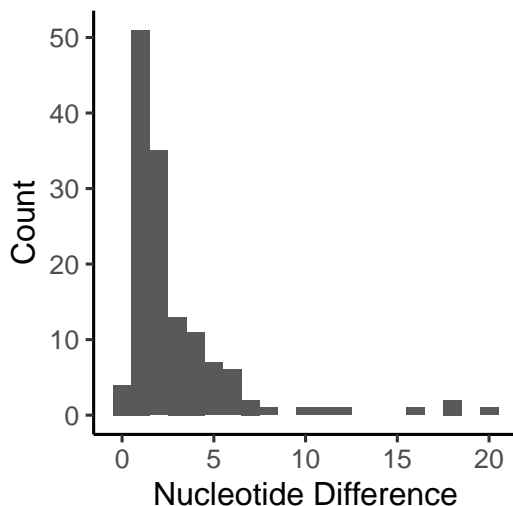
### IGHV2-5\*02

5228 sequences assigned  
785 (15%) exact matches, in which:  
565 unique CDR3  
7 unique J



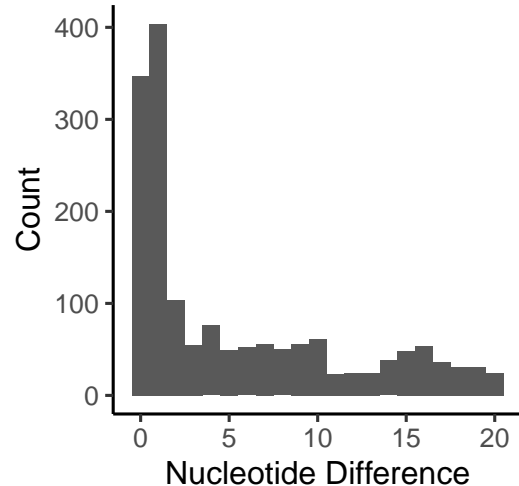
### IGHV2-70\*12

137 sequences assigned  
4 (2.9%) exact matches, in which:  
4 unique CDR3  
4 unique J



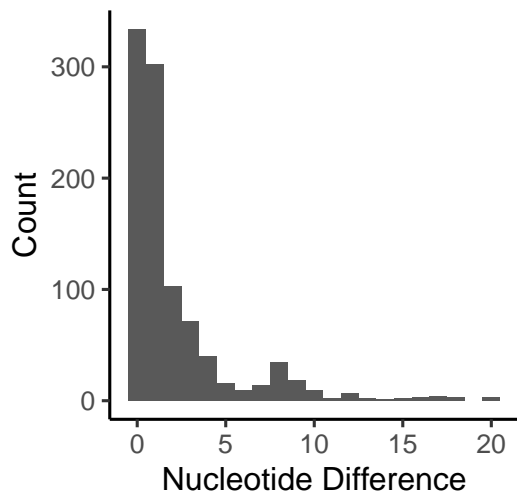
### IGHV3-7\*04

2043 sequences assigned  
347 (17%) exact matches, in which:  
182 unique CDR3  
6 unique J



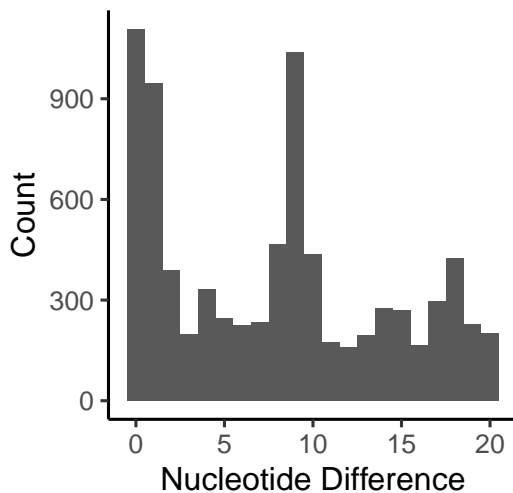
### IGHV2-26\*01

978 sequences assigned  
334 (34.2%) exact matches, in which:  
266 unique CDR3  
7 unique J



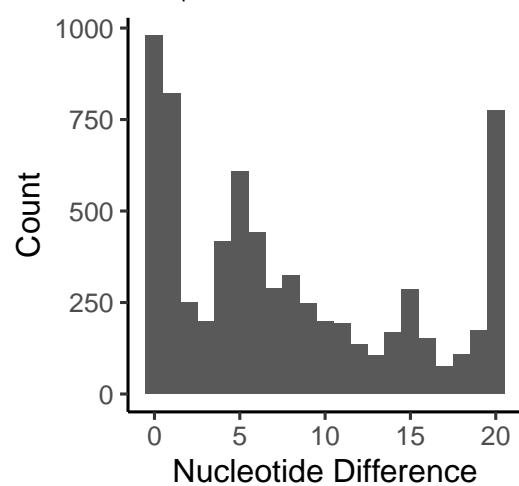
### IGHV3-7\*01

10379 sequences assigned  
1108 (10.7%) exact matches, in which:  
796 unique CDR3  
7 unique J



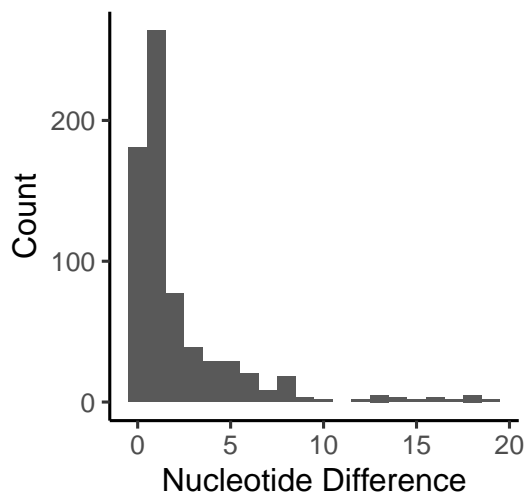
### IGHV3-9\*01

10253 sequences assigned  
979 (9.5%) exact matches, in which:  
572 unique CDR3  
7 unique J



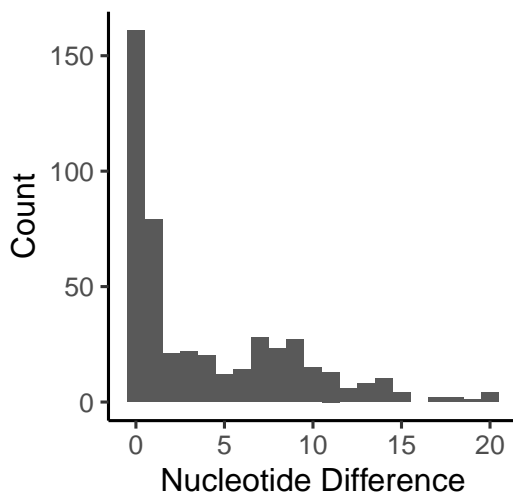
### IGHV2-70\*01

720 sequences assigned  
181 (25.1%) exact matches, in which:  
130 unique CDR3  
6 unique J



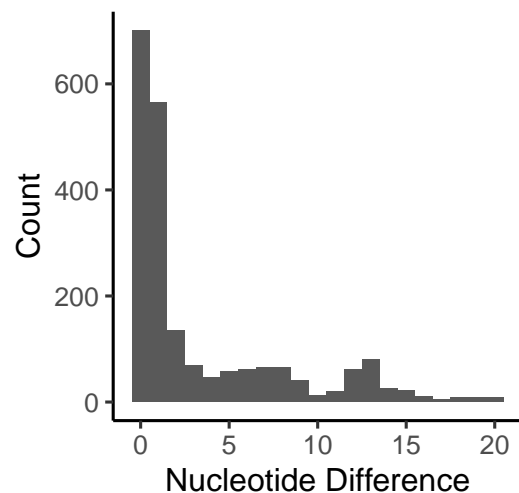
### IGHV3-7\*02

505 sequences assigned  
161 (31.9%) exact matches, in which:  
149 unique CDR3  
6 unique J



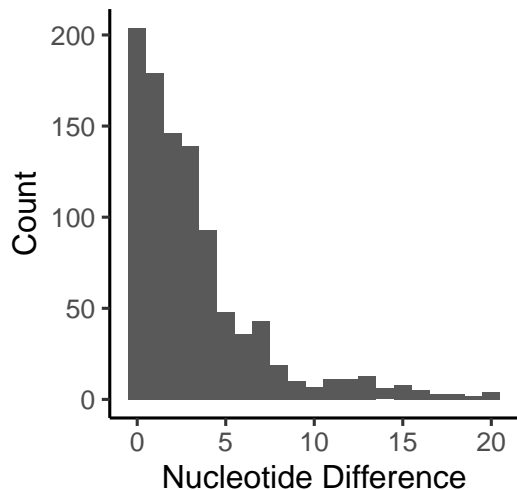
### IGHV3-11\*01

2194 sequences assigned  
701 (32%) exact matches, in which:  
500 unique CDR3  
7 unique J



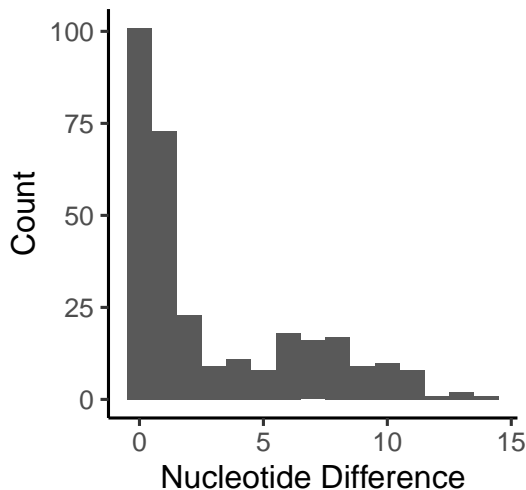
### IGHV3-11\*04

1026 sequences assigned  
204 (19.9%) exact matches, in which:  
191 unique CDR3  
7 unique J



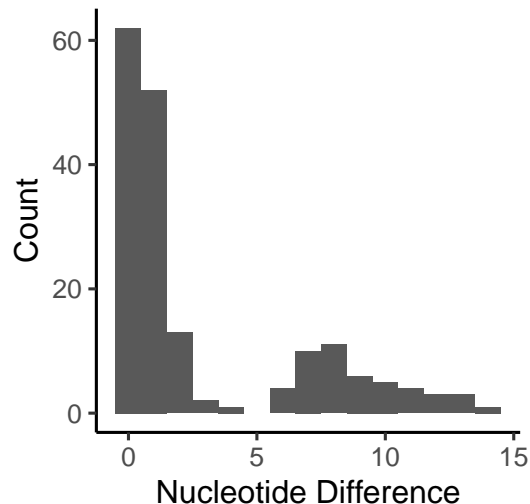
### IGHV3-13\*05

307 sequences assigned  
101 (32.9%) exact matches, in which:  
72 unique CDR3  
5 unique J



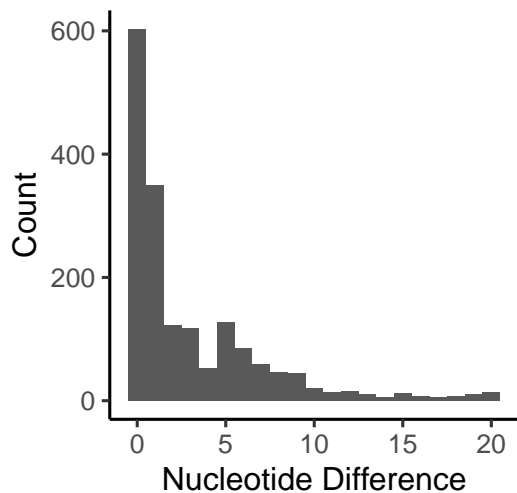
### IGHV3-20\*01\_02

177 sequences assigned  
62 (35%) exact matches, in which:  
37 unique CDR3  
5 unique J



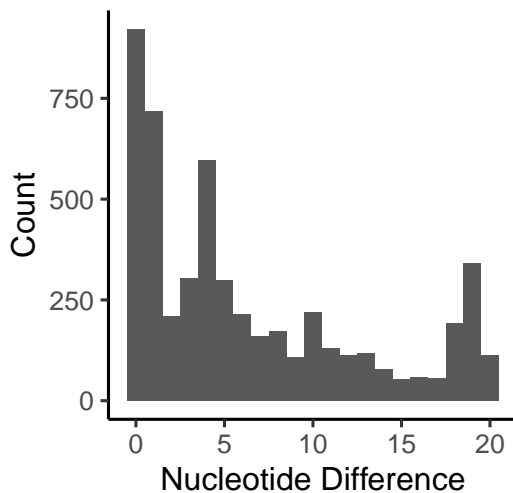
### IGHV3-11\*06

2092 sequences assigned  
603 (28.8%) exact matches, in which:  
426 unique CDR3  
7 unique J



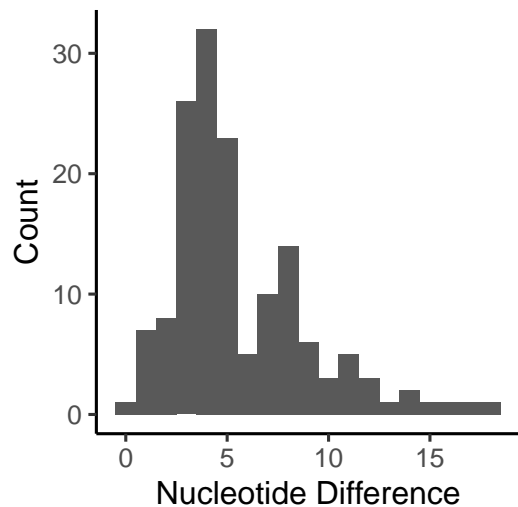
### IGHV3-15\*01\_02

5618 sequences assigned  
922 (16.4%) exact matches, in which:  
555 unique CDR3  
7 unique J



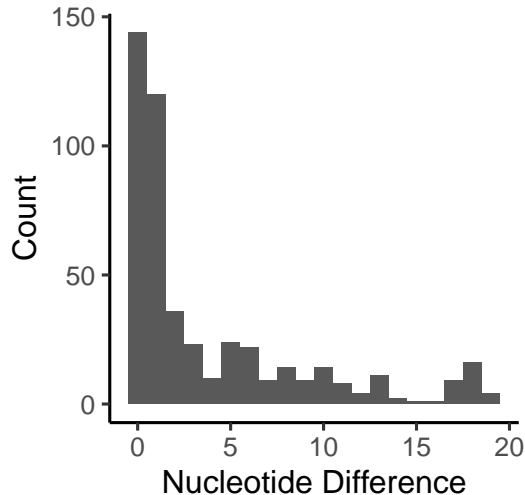
### IGHV3-20\*03\_04

158 sequences assigned  
1 (0.6%) exact matches, in which:  
1 unique CDR3  
1 unique J



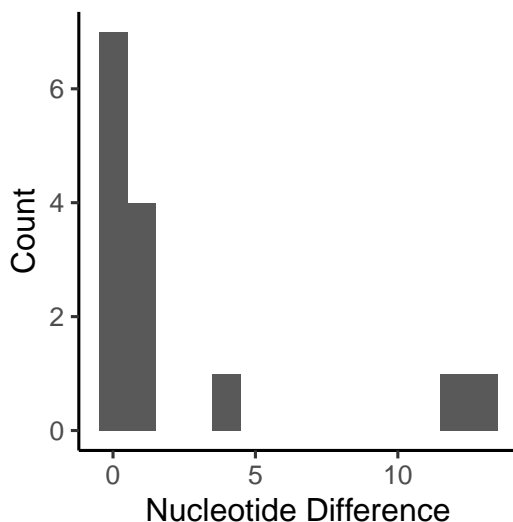
### IGHV3-13\*01

484 sequences assigned  
144 (29.8%) exact matches, in which:  
94 unique CDR3  
7 unique J



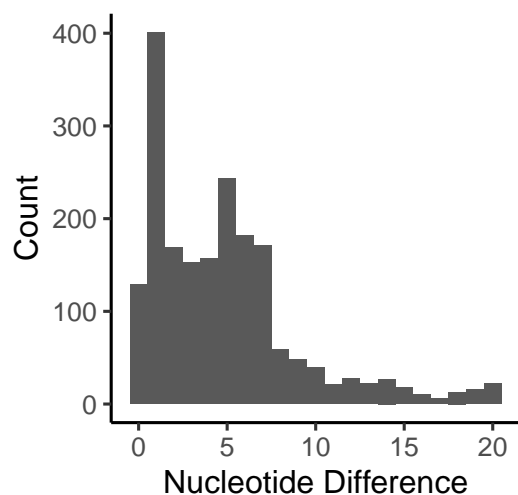
### IGHV3-19\*01

14 sequences assigned  
7 (50%) exact matches, in which:  
7 unique CDR3  
2 unique J



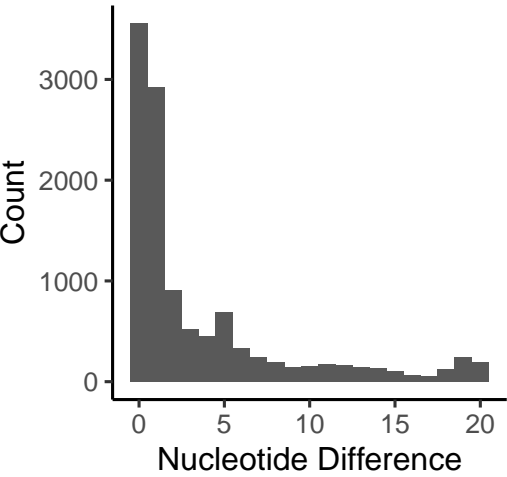
### IGHV3-21\*04

2023 sequences assigned  
129 (6.4%) exact matches, in which:  
117 unique CDR3  
7 unique J



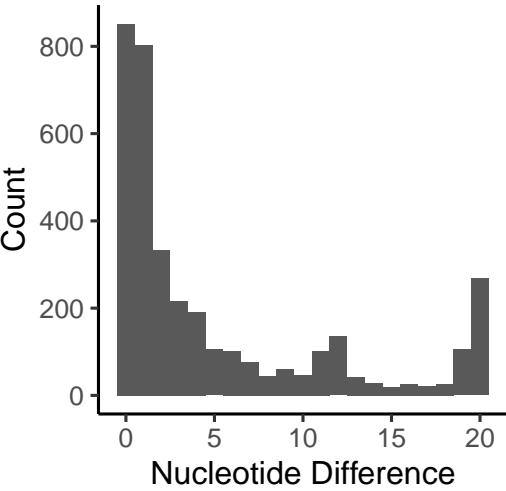
IGHV3-21\*01\_02

12236 sequences assigned  
3556 (29.1%) exact matches, in which:  
2257 unique CDR3  
7 unique J



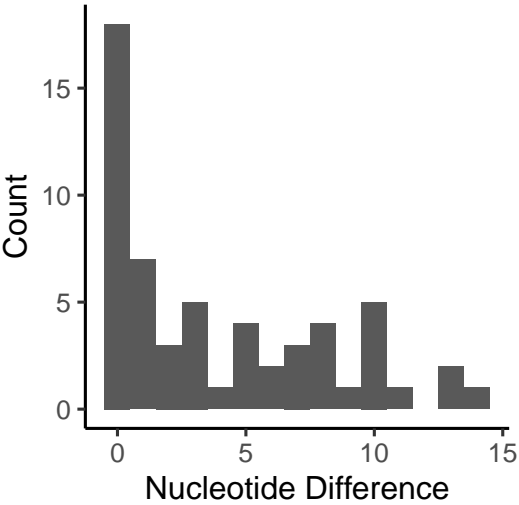
IGHV3-33\*01

4136 sequences assigned  
852 (20.6%) exact matches, in which:  
583 unique CDR3  
7 unique J



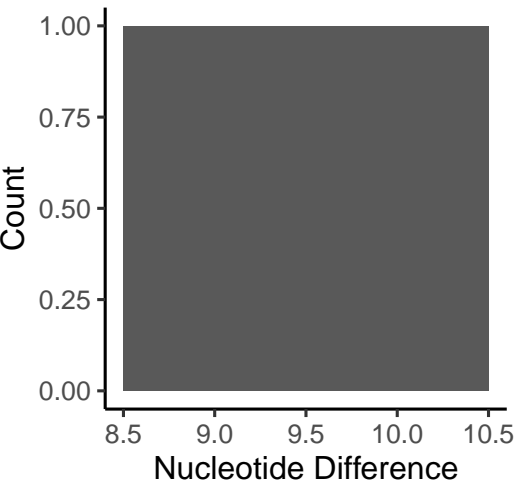
IGHV3-38-3\*01

57 sequences assigned  
18 (31.6%) exact matches, in which:  
17 unique CDR3  
5 unique J



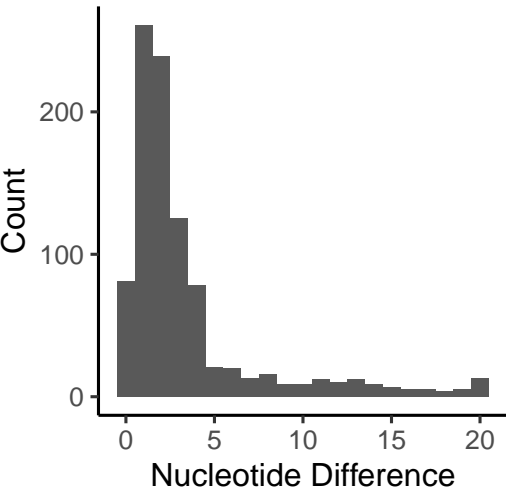
IGHV3-22\*01\_02

2 sequences assigned  
No exact matches.



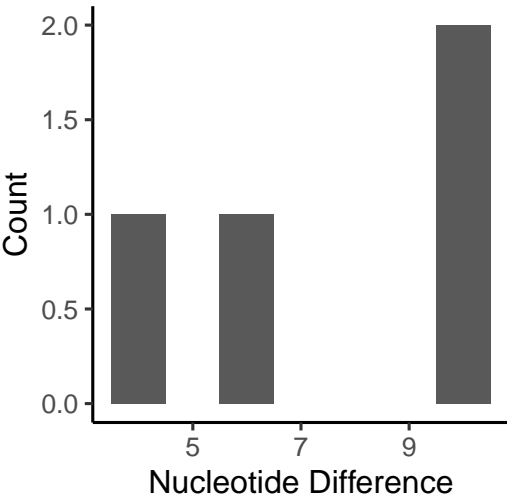
IGHV3-33\*06

1011 sequences assigned  
81 (8%) exact matches, in which:  
80 unique CDR3  
6 unique J



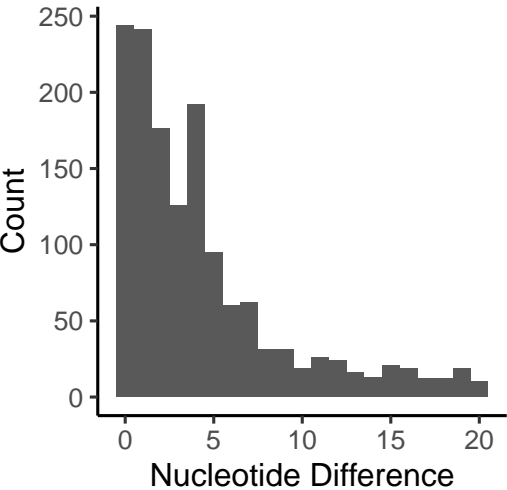
IGHV3-38\*03

4 sequences assigned  
No exact matches.



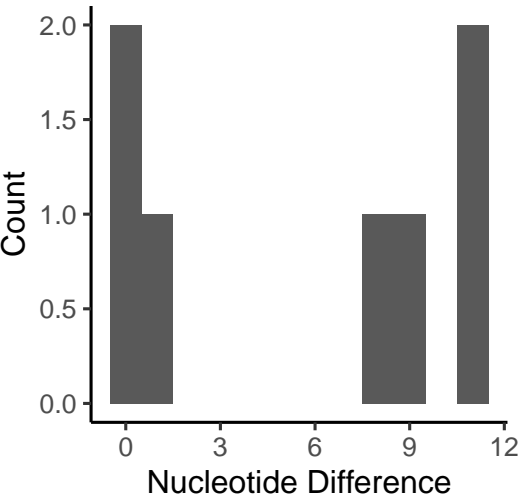
IGHV3-30\*03\_T288C

1586 sequences assigned  
244 (15.4%) exact matches, in which:  
217 unique CDR3  
7 unique J



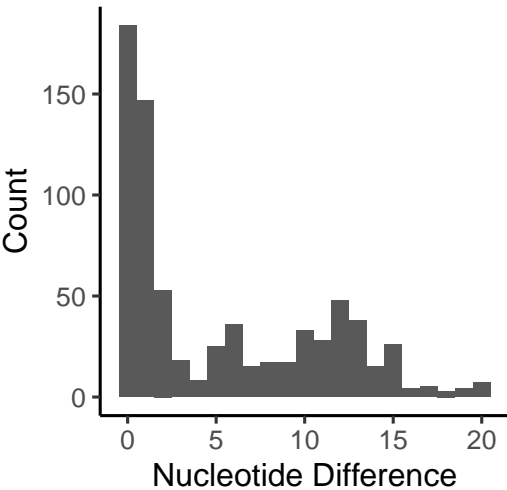
IGHV3-35\*01

7 sequences assigned  
2 (28.6%) exact matches, in which:  
2 unique CDR3  
2 unique J



IGHV3-43\*01

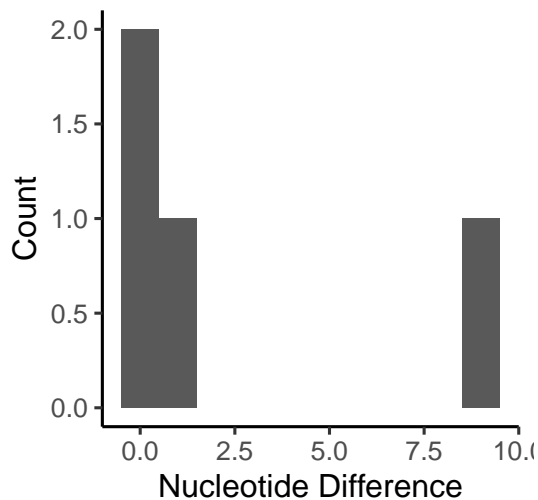
746 sequences assigned  
184 (24.7%) exact matches, in which:  
107 unique CDR3  
7 unique J





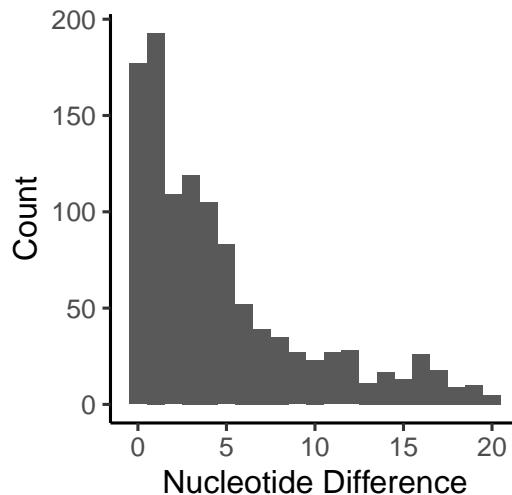
### IGHV3-47\*02

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



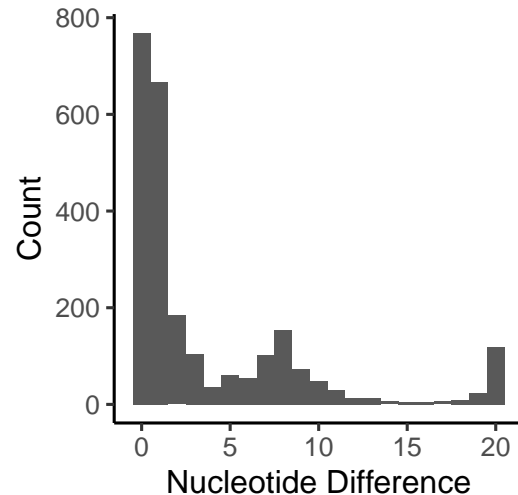
### IGHV3-48\*04

1210 sequences assigned  
177 (14.6%) exact matches, in which:  
162 unique CDR3  
7 unique J



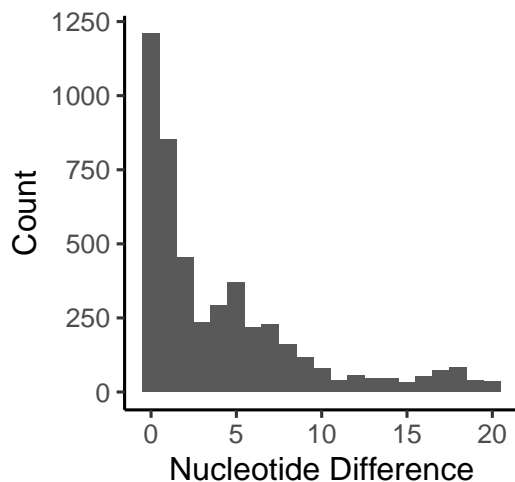
### IGHV3-53\*01\_02

3838 sequences assigned  
769 (20%) exact matches, in which:  
526 unique CDR3  
7 unique J



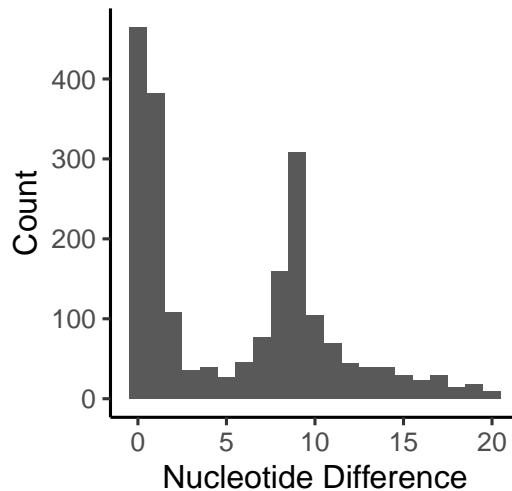
### IGHV3-48\*01

5504 sequences assigned  
1209 (22%) exact matches, in which:  
847 unique CDR3  
7 unique J



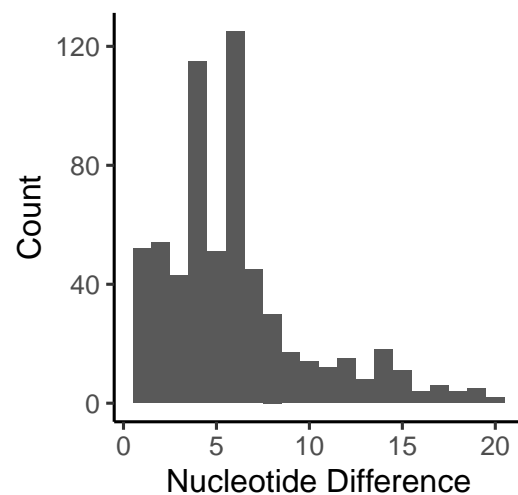
### IGHV3-49\*03\_05

2099 sequences assigned  
465 (22.2%) exact matches, in which:  
281 unique CDR3  
7 unique J



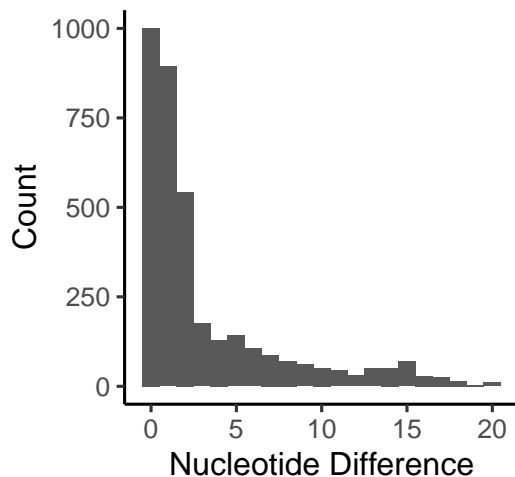
### IGHV3-64\*04

677 sequences assigned  
No exact matches.



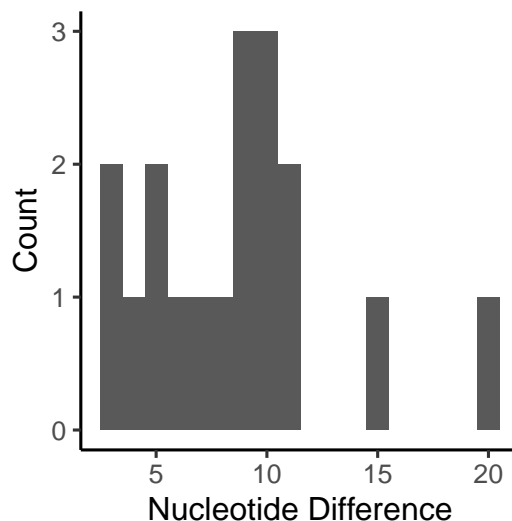
### IGHV3-48\*02

4850 sequences assigned  
1001 (20.6%) exact matches, in which:  
638 unique CDR3  
7 unique J



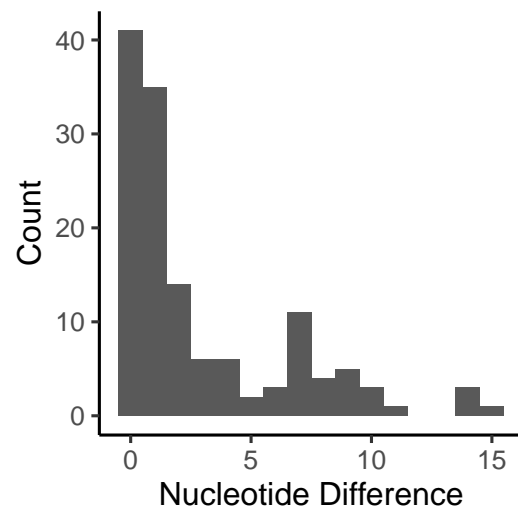
### IGHV3-52\*02

18 sequences assigned  
No exact matches.



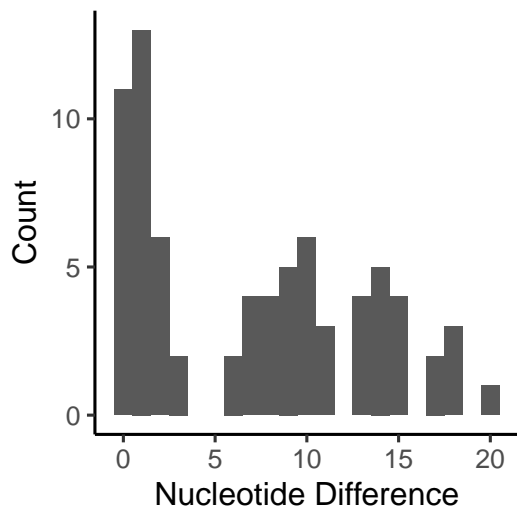
### IGHV3-64\*02\_07

135 sequences assigned  
41 (30.4%) exact matches, in which:  
24 unique CDR3  
4 unique J



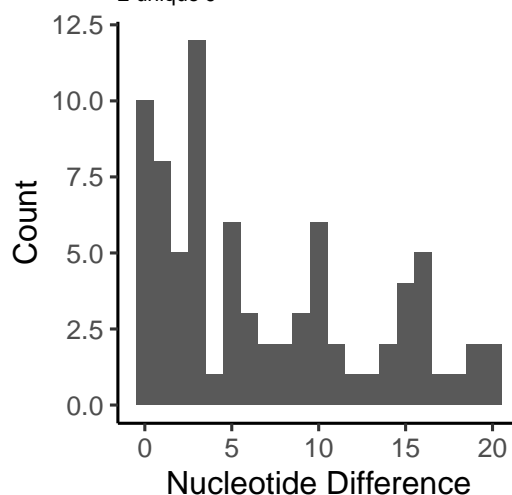
### IGHV3-66\*01

78 sequences assigned  
11 (14.1%) exact matches, in which:  
7 unique CDR3  
4 unique J



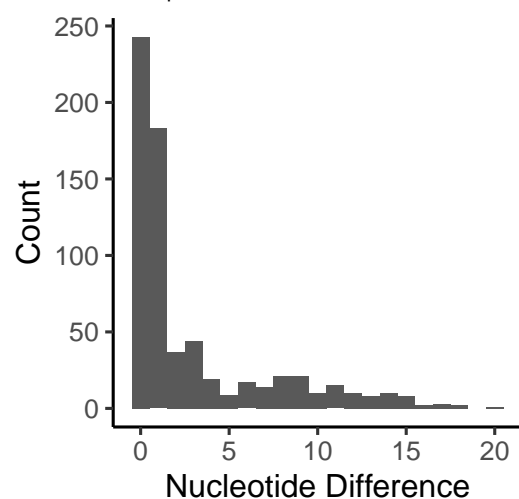
### IGHV3-69-1\*01

153 sequences assigned  
10 (6.5%) exact matches, in which:  
8 unique CDR3  
2 unique J



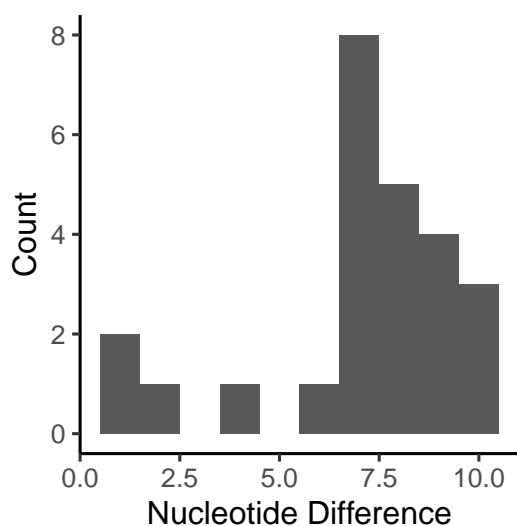
### IGHV3-73\*01\_02

690 sequences assigned  
243 (35.2%) exact matches, in which:  
158 unique CDR3  
7 unique J



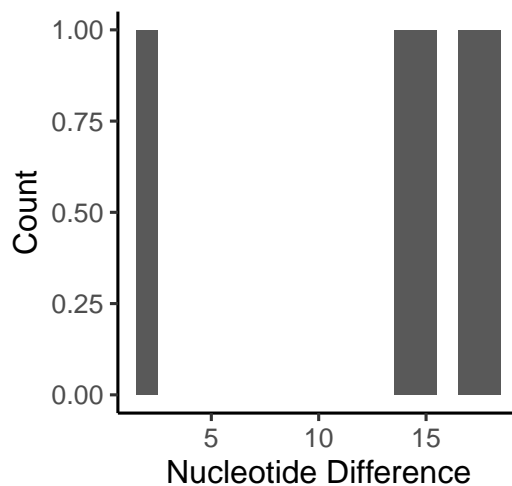
### IGHV3-66\*02

27 sequences assigned  
No exact matches.



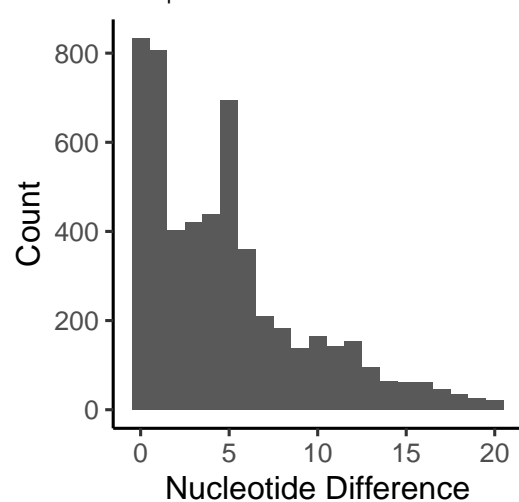
### IGHV3-71\*01\_04

6 sequences assigned  
No exact matches.



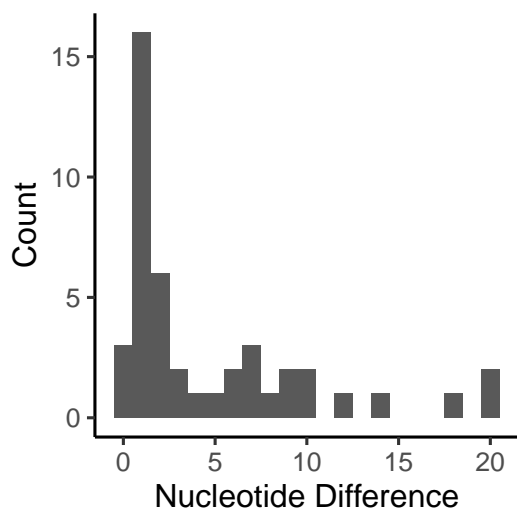
### IGHV3-74\*01\_02

5943 sequences assigned  
834 (14%) exact matches, in which:  
564 unique CDR3  
7 unique J



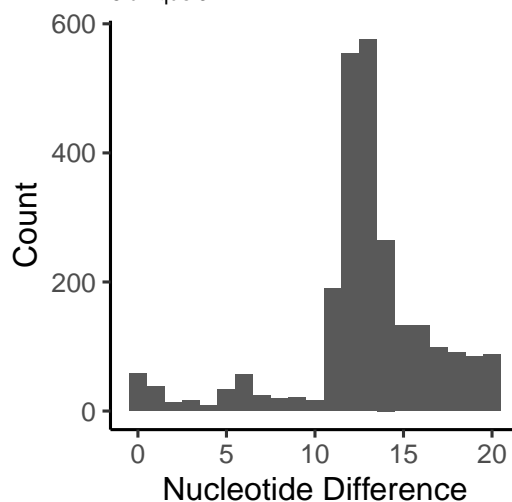
### IGHV3-66\*03

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



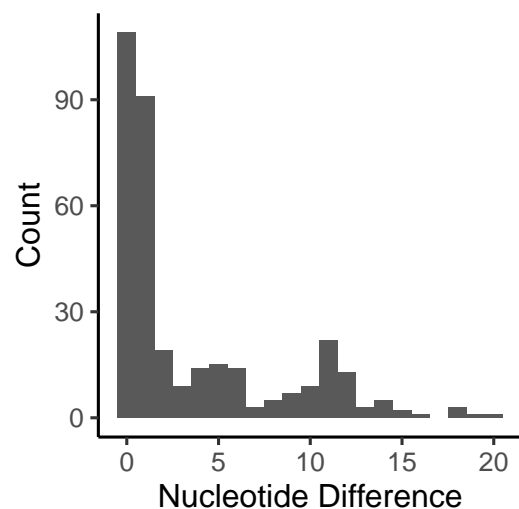
### IGHV3-72\*01

3929 sequences assigned  
58 (1.5%) exact matches, in which:  
43 unique CDR3  
6 unique J



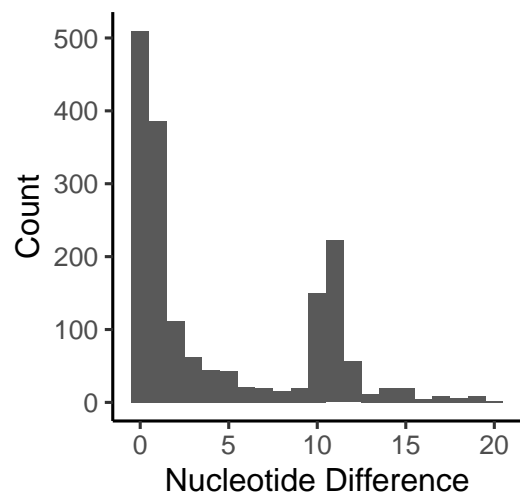
### IGHV3-43D\*03

607 sequences assigned  
109 (18%) exact matches, in which:  
70 unique CDR3  
5 unique J



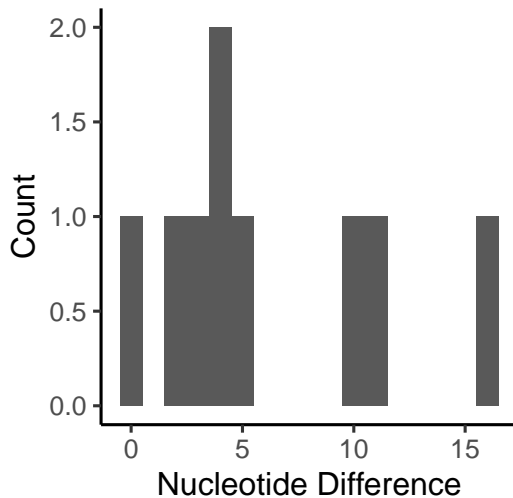
### IGHV3-64D\*06

2147 sequences assigned  
510 (23.8%) exact matches, in which:  
336 unique CDR3  
7 unique J



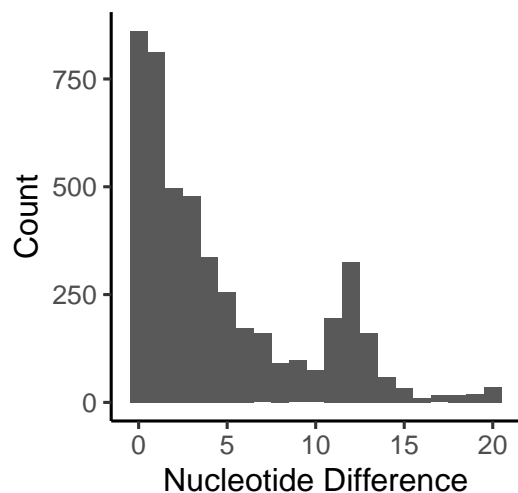
### IGHV4-28\*03

9 sequences assigned  
1 (11.1%) exact matches, in which:  
1 unique CDR3  
1 unique J



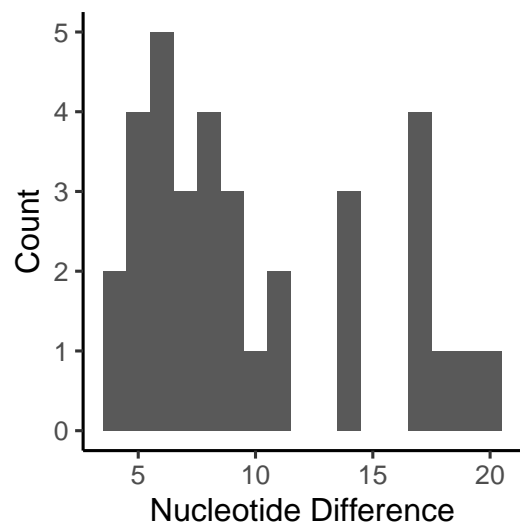
### IGHV4-31\*03\_04

6682 sequences assigned  
862 (12.9%) exact matches, in which:  
719 unique CDR3  
7 unique J



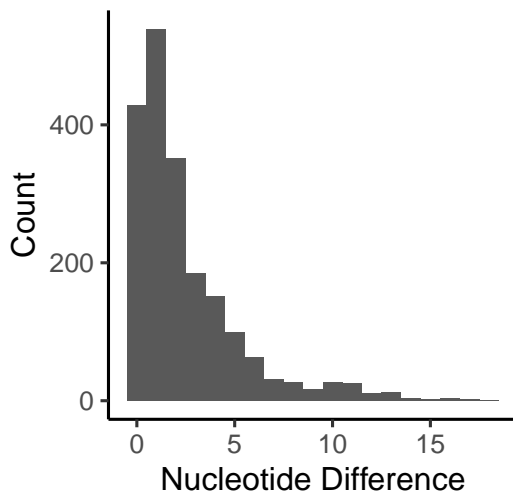
### IGHV3-NL1\*01

47 sequences assigned  
No exact matches.



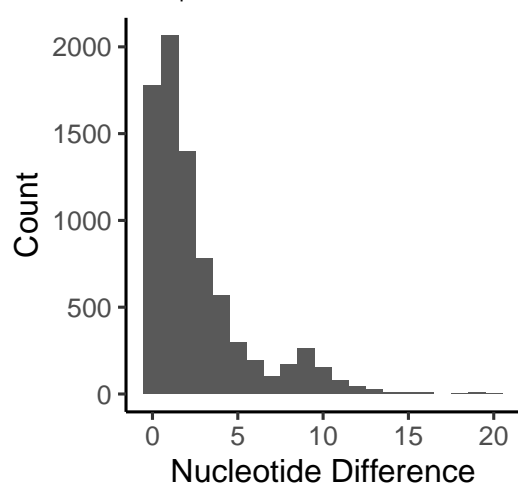
### IGHV4-30-2\*01

1983 sequences assigned  
428 (21.6%) exact matches, in which:  
329 unique CDR3  
6 unique J



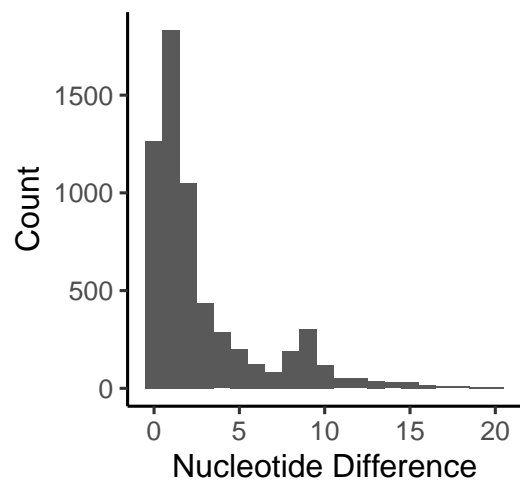
### IGHV4-34\*01\_02

7978 sequences assigned  
1779 (22.3%) exact matches, in which:  
1306 unique CDR3  
7 unique J



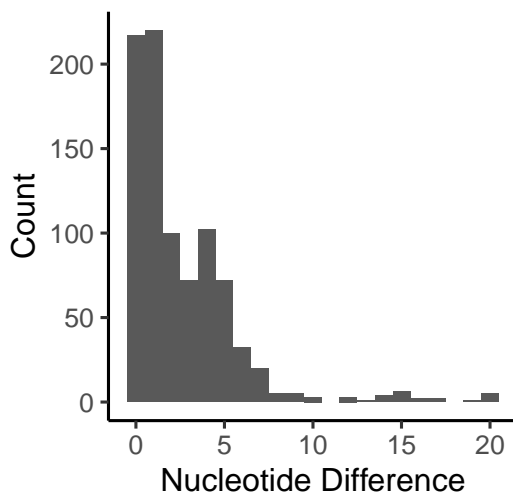
### IGHV4-4\*07

8041 sequences assigned  
1267 (15.8%) exact matches, in which:  
1058 unique CDR3  
7 unique J



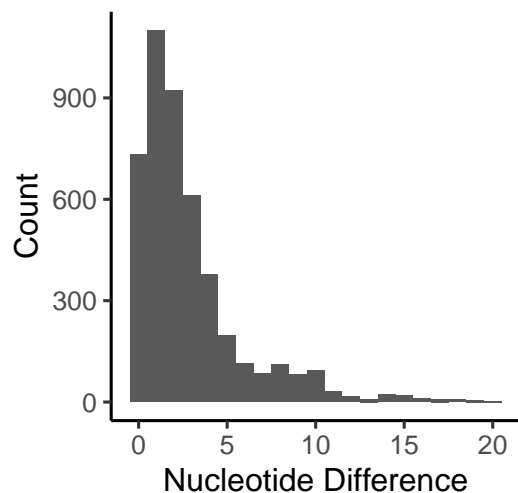
### IGHV4-30-4\*07

906 sequences assigned  
217 (24%) exact matches, in which:  
173 unique CDR3  
7 unique J



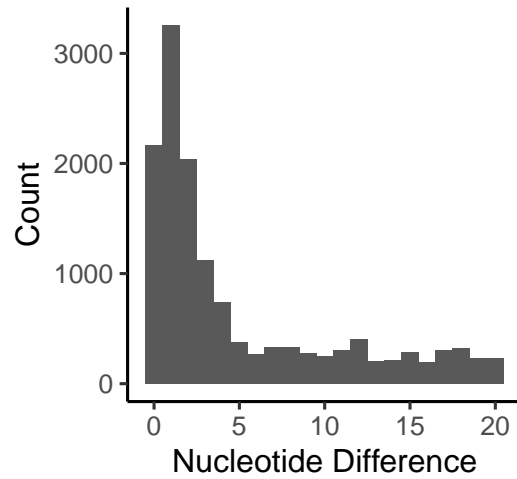
### IGHV4-38-2\*02

4604 sequences assigned  
733 (15.9%) exact matches, in which:  
621 unique CDR3  
7 unique J



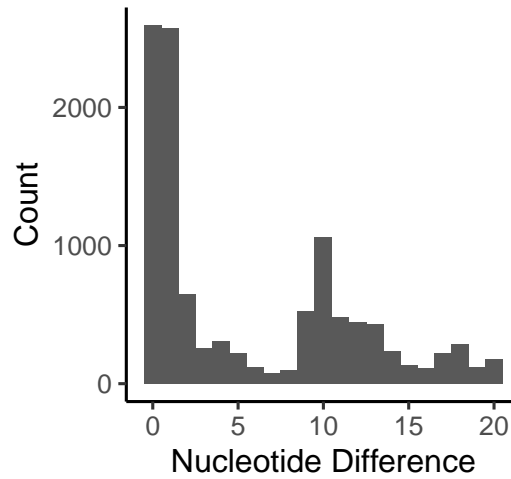
### IGHV4-39\*07

15523 sequences assigned  
2164 (13.9%) exact matches, in which:  
1675 unique CDR3  
7 unique J



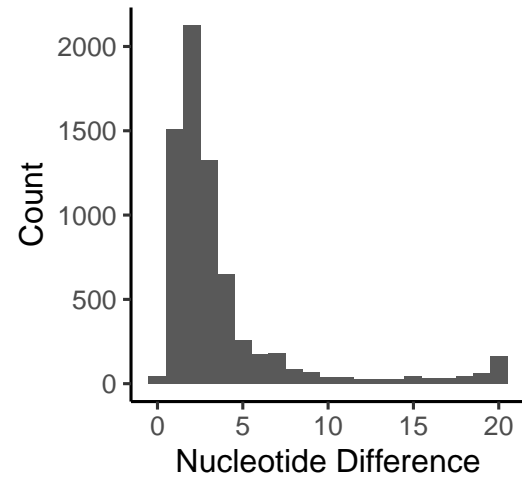
### IGHV4-59\*01\_07

13353 sequences assigned  
2594 (19.4%) exact matches, in which:  
2083 unique CDR3  
7 unique J



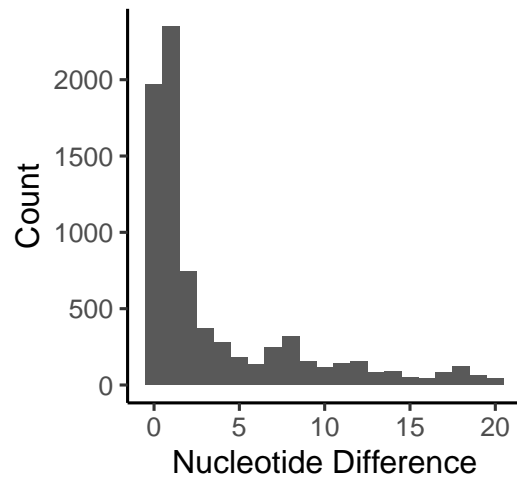
### IGHV4-61\*02

7529 sequences assigned  
42 (0.6%) exact matches, in which:  
40 unique CDR3  
5 unique J



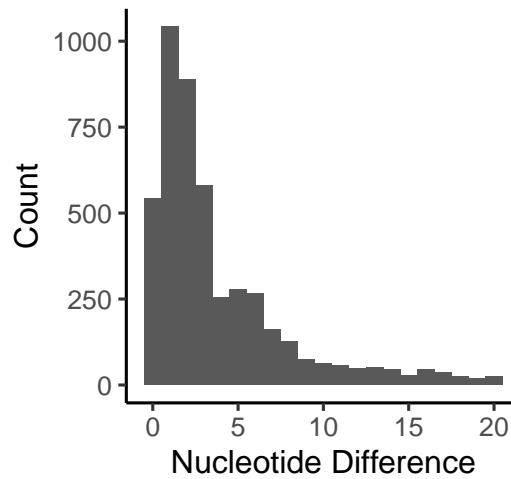
### IGHV4-39\*01\_05

7952 sequences assigned  
1970 (24.8%) exact matches, in which:  
1487 unique CDR3  
7 unique J



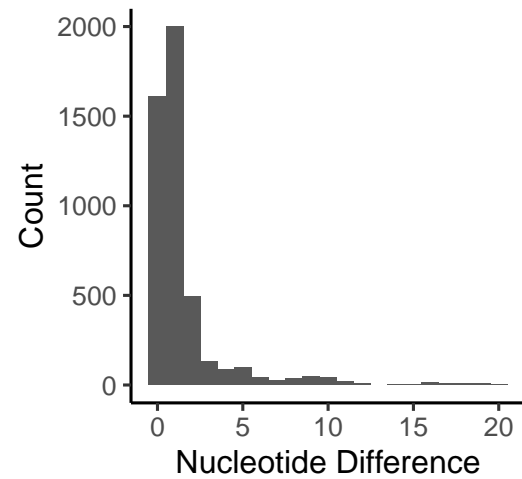
### IGHV4-59\*12

4860 sequences assigned  
542 (11.2%) exact matches, in which:  
524 unique CDR3  
7 unique J



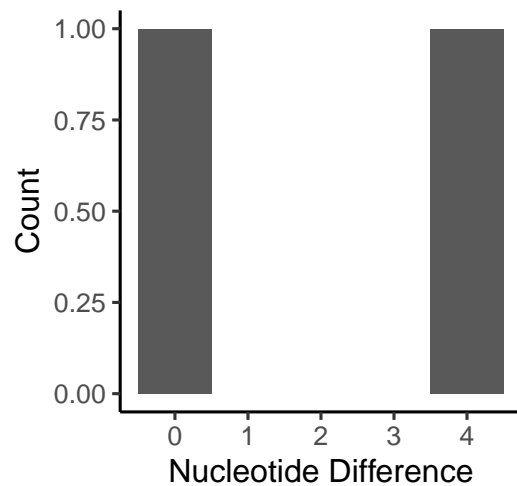
### IGHV5-10-1\*01\_03

4987 sequences assigned  
1611 (32.3%) exact matches, in which:  
988 unique CDR3  
7 unique J



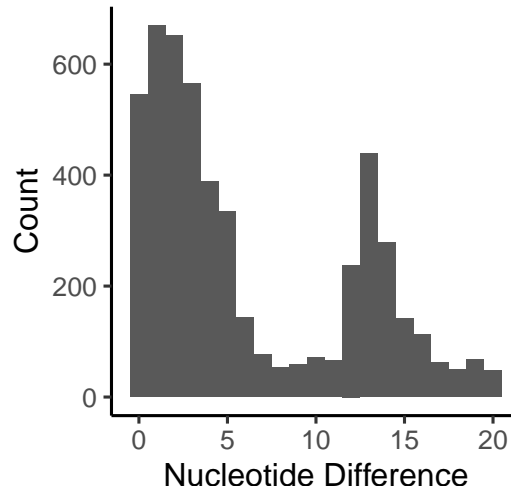
### IGHV4-55\*02\_04\_08

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



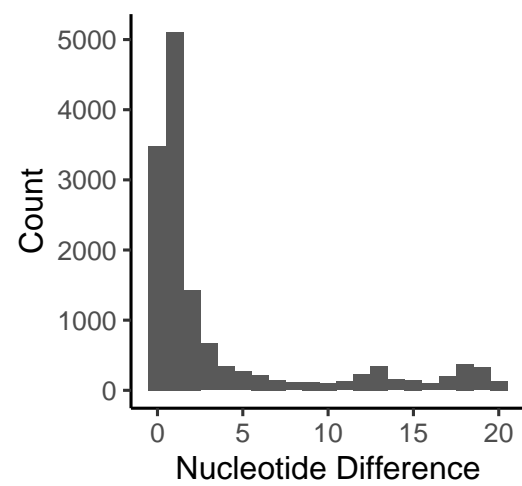
### IGHV4-61\*01

5272 sequences assigned  
546 (10.4%) exact matches, in which:  
494 unique CDR3  
7 unique J



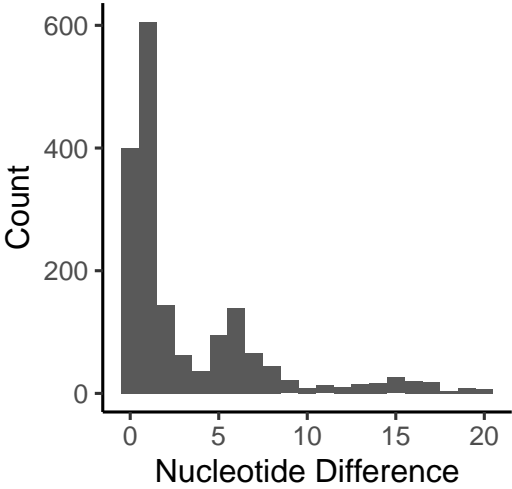
### IGHV5-51\*01\_03

14758 sequences assigned  
3486 (23.6%) exact matches, in which:  
1815 unique CDR3  
7 unique J



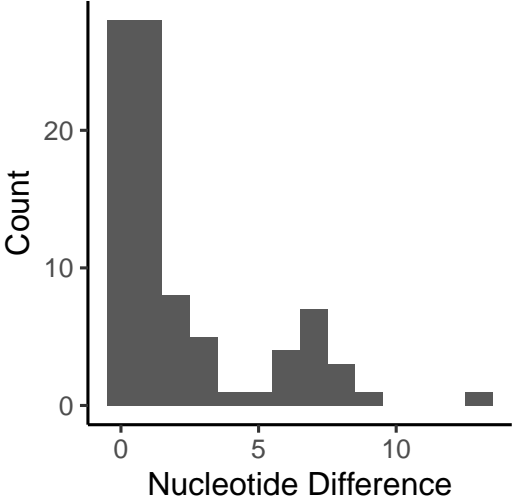
IGHV6-1\*01\_02

2494 sequences assigned  
400 (16%) exact matches, in which:  
324 unique CDR3  
6 unique J



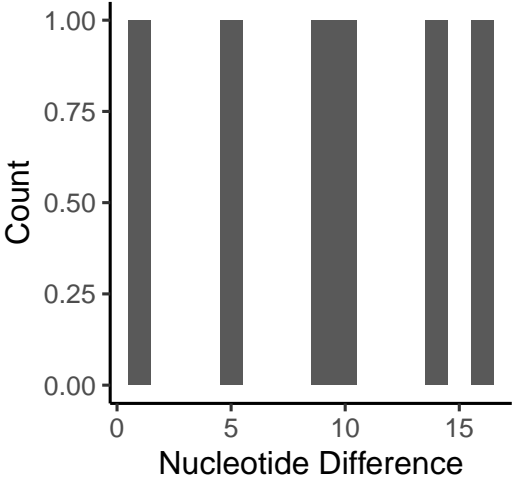
IGHV7-4-1\*01

87 sequences assigned  
28 (32.2%) exact matches, in which:  
23 unique CDR3  
7 unique J

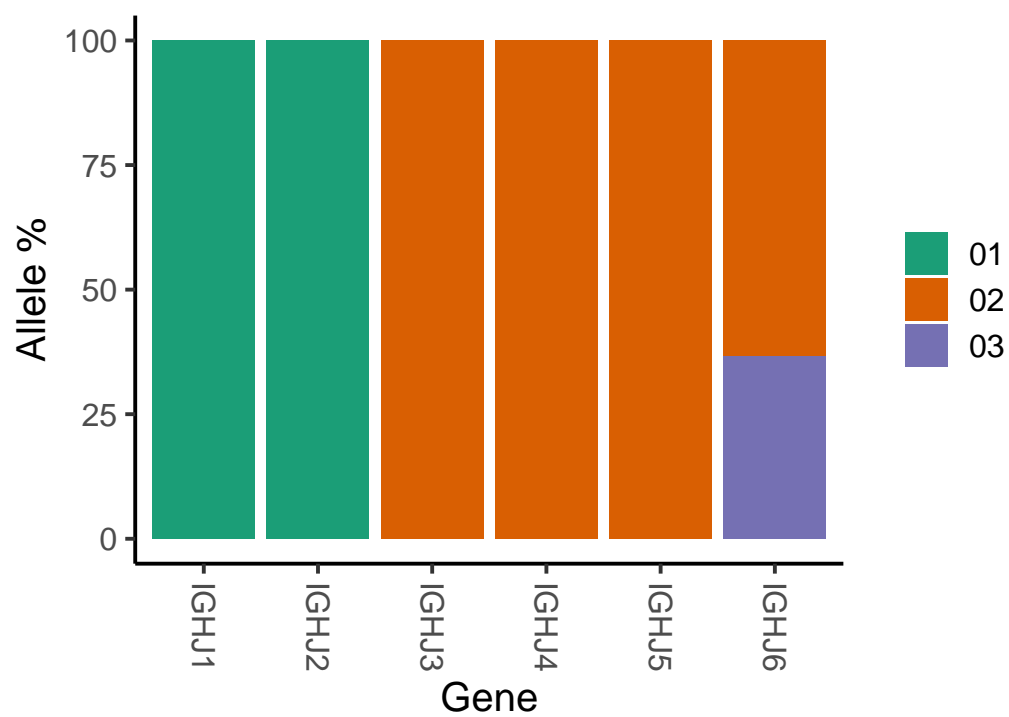


IGHV7-4-1\*02

6 sequences assigned  
No exact matches.



Allele Usage



Sequence Count by IGHJ6 allele usage

