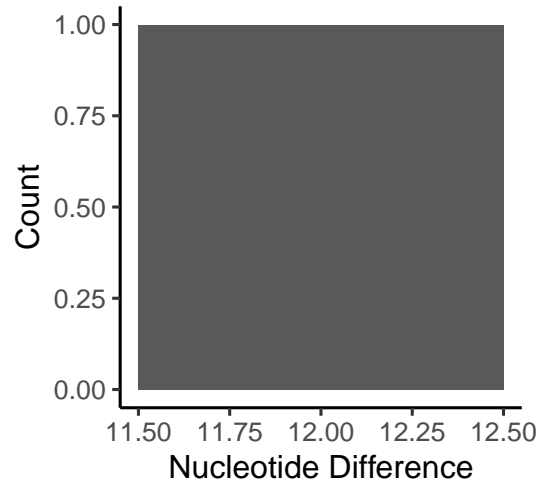


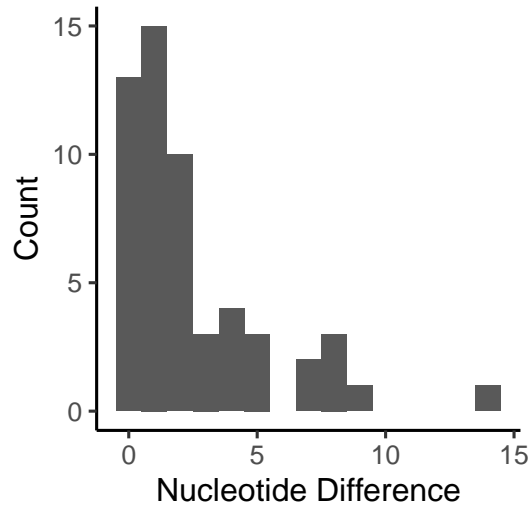
### IGHV1-58\*02

1 sequences assigned  
No exact matches.



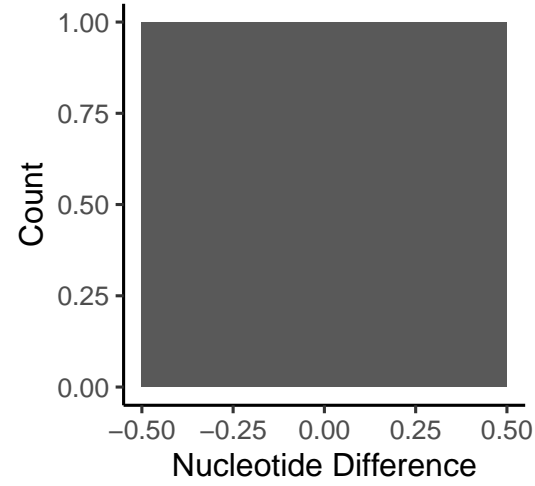
### IGHV1-84\*01\_S8557

55 sequences assigned  
13 (23.6%) exact matches, in which:  
7 unique CDR3  
2 unique J



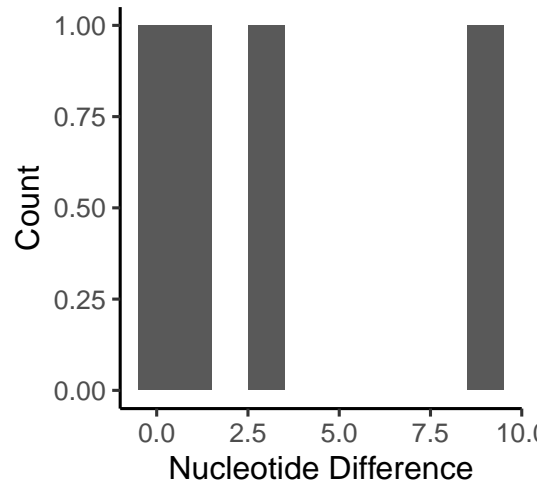
### IGHV1-193\*01\_S6037

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



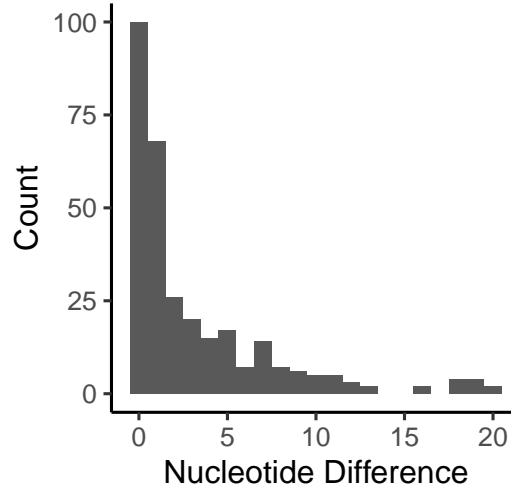
### IGHV1-60\*01\_S1918

125 sequences assigned  
1 (0.8%) exact matches, in which:  
1 unique CDR3  
1 unique J



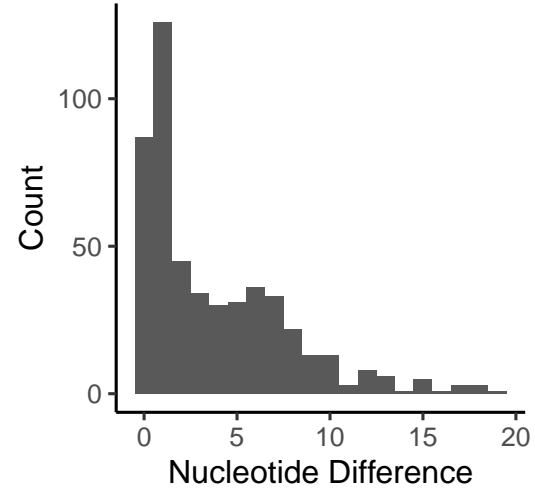
### IGHV1-84\*01\_S9366

318 sequences assigned  
100 (31.4%) exact matches, in which:  
31 unique CDR3  
4 unique J



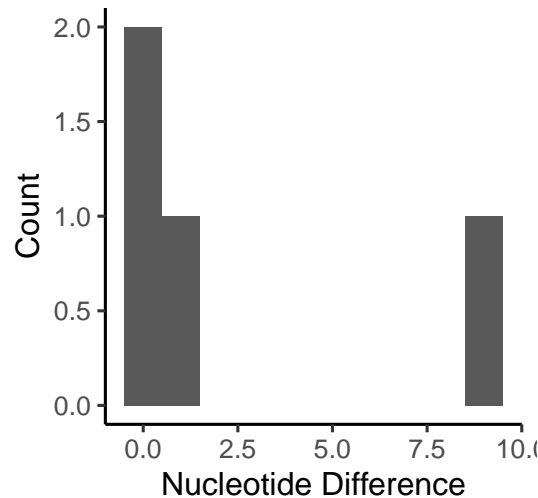
### IGHV1-NL\_1\*01\_S2052

502 sequences assigned  
87 (17.3%) exact matches, in which:  
52 unique CDR3  
6 unique J



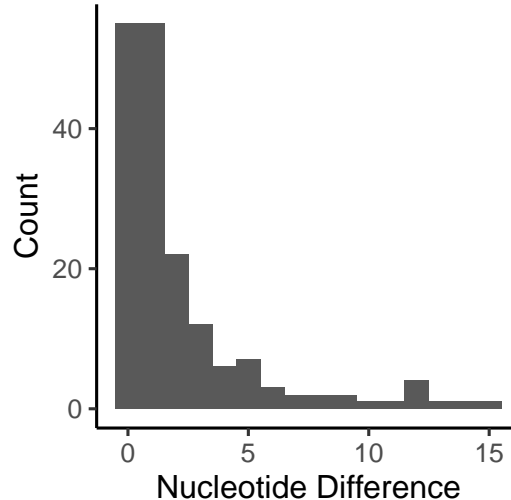
### IGHV1-60\*01\_S7772

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



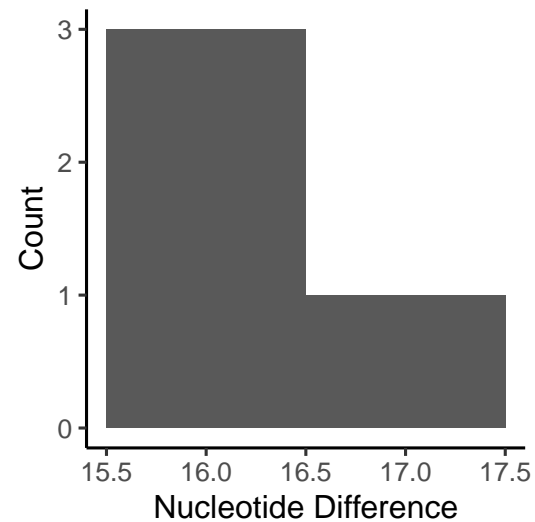
### IGHV1-138\*01\_S8712

186 sequences assigned  
55 (29.6%) exact matches, in which:  
37 unique CDR3  
6 unique J



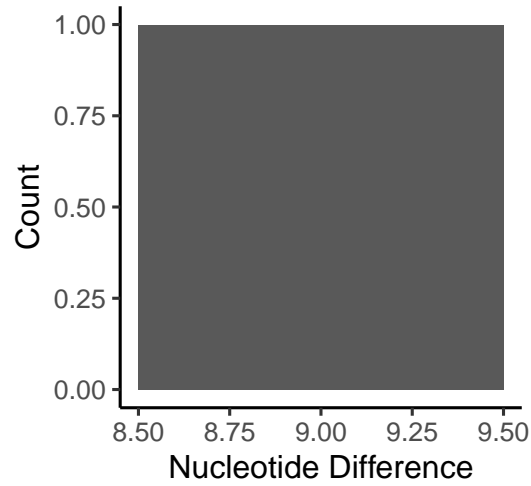
### IGHV1-NL\_2\*01\_S3477

4 sequences assigned  
No exact matches.



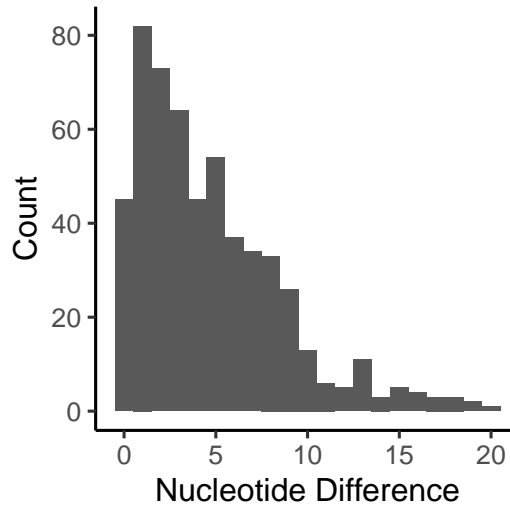
### IGHV1-NL\_2\*01\_S3568

1 sequences assigned  
No exact matches.



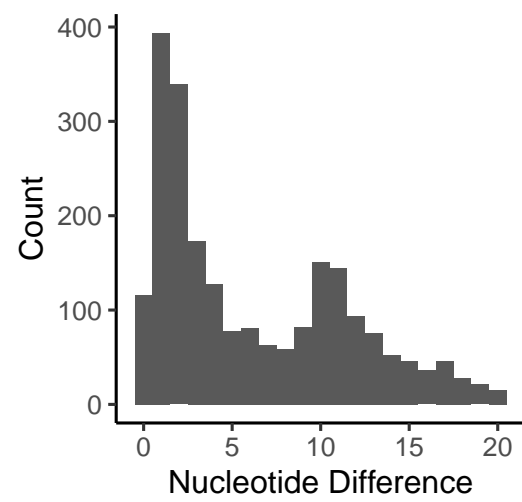
### IGHV2-7\*02\_S4285

557 sequences assigned  
45 (8.1%) exact matches, in which:  
23 unique CDR3  
5 unique J



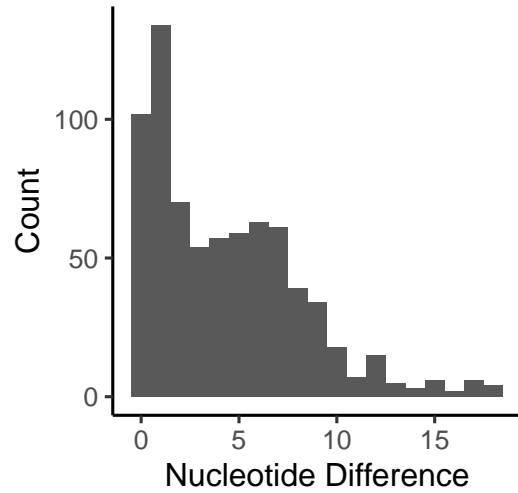
### IGHV2-173\*01\_G289T

2311 sequences assigned  
116 (5%) exact matches, in which:  
87 unique CDR3  
7 unique J



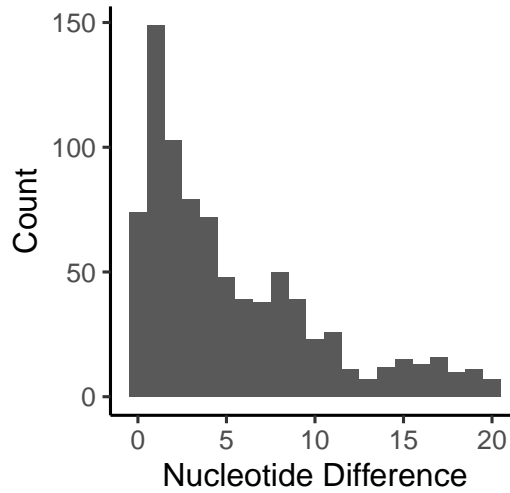
### IGHV2-7\*02\_S1732

744 sequences assigned  
102 (13.7%) exact matches, in which:  
62 unique CDR3  
6 unique J



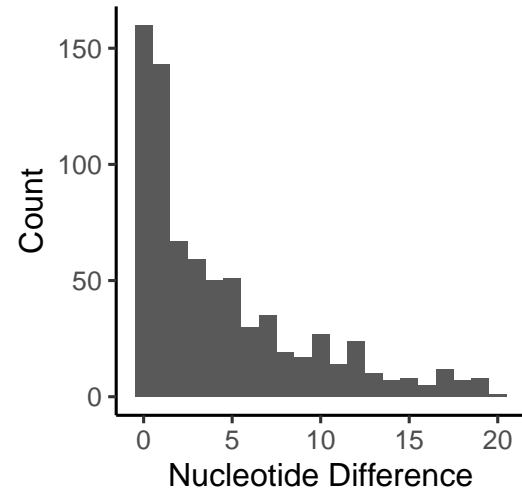
### IGHV2-69\*01\_S2931

880 sequences assigned  
74 (8.4%) exact matches, in which:  
27 unique CDR3  
6 unique J



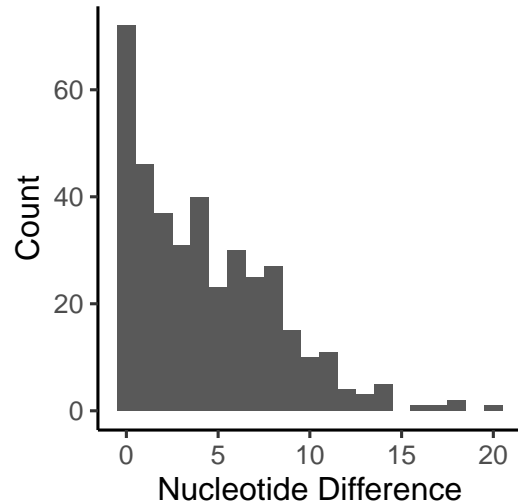
### IGHV2-NL\_1\*01\_S5779

771 sequences assigned  
160 (20.8%) exact matches, in which:  
81 unique CDR3  
6 unique J



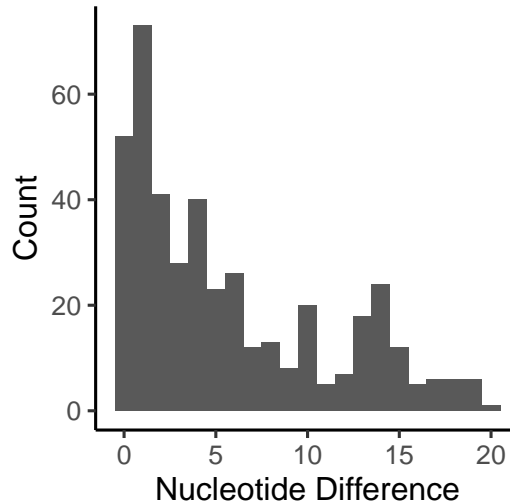
### IGHV2-7\*02\_S1732\_G289T

388 sequences assigned  
72 (18.6%) exact matches, in which:  
53 unique CDR3  
6 unique J



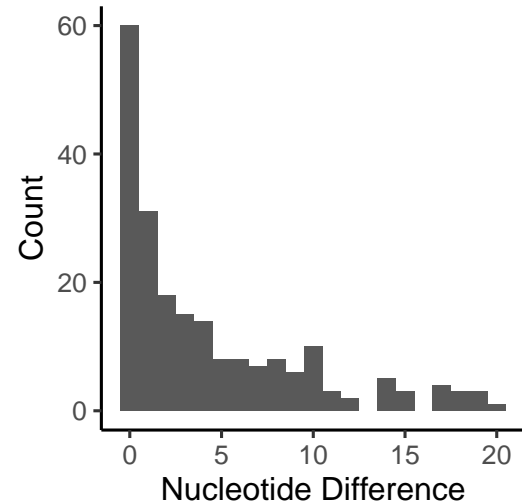
### IGHV2-69\*01\_S8510

426 sequences assigned  
52 (12.2%) exact matches, in which:  
20 unique CDR3  
5 unique J



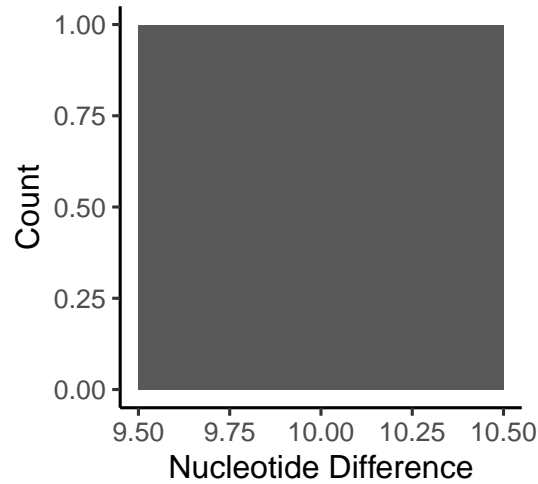
### IGHV2-NL\_1\*01\_S5779\_C

210 sequences assigned  
60 (28.6%) exact matches, in which:  
48 unique CDR3  
5 unique J



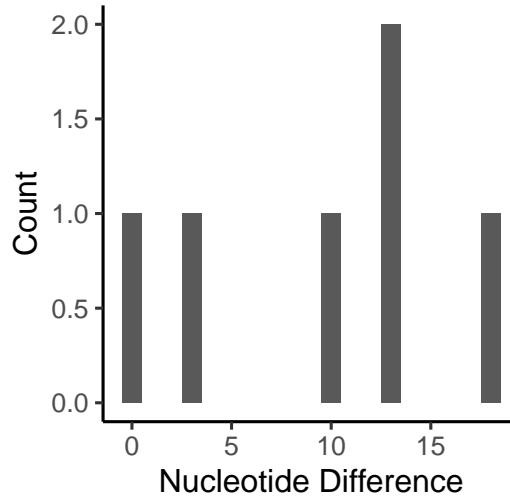
### IGHV2–NL\_2\*01\_S2193

1 sequences assigned  
No exact matches.



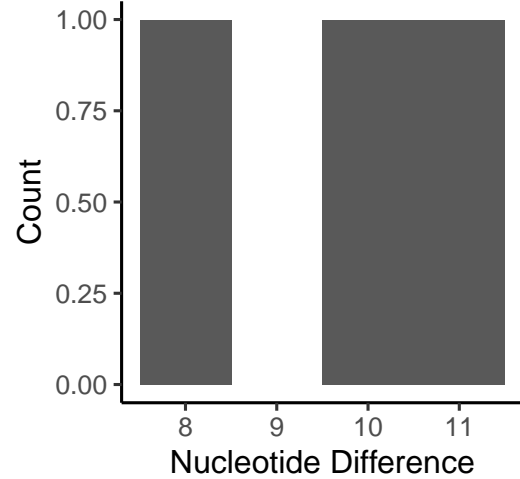
### IGHV3–28\*01\_S3792

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



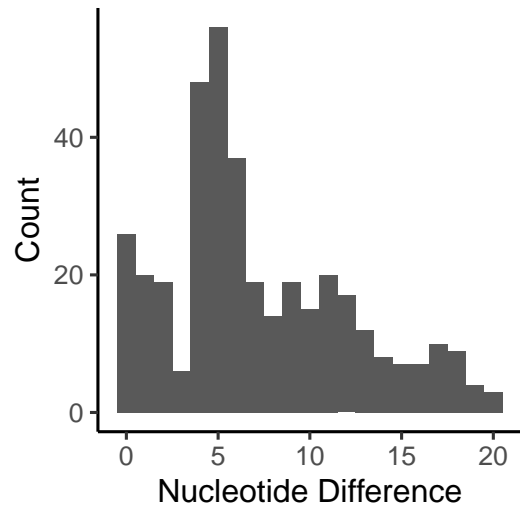
### IGHV3–34\*01\_S2915

3 sequences assigned  
No exact matches.



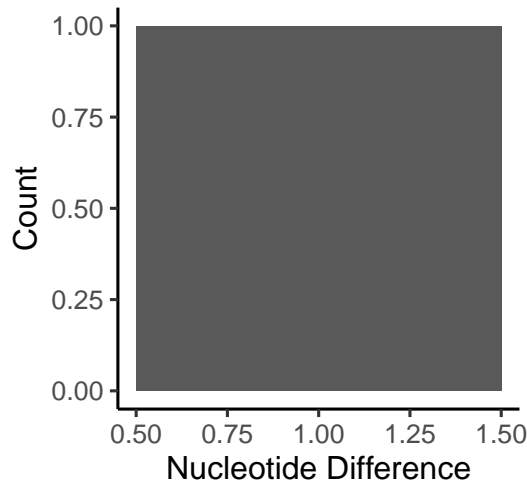
### IGHV3–5\*01\_S0969

414 sequences assigned  
26 (6.3%) exact matches, in which:  
17 unique CDR3  
3 unique J



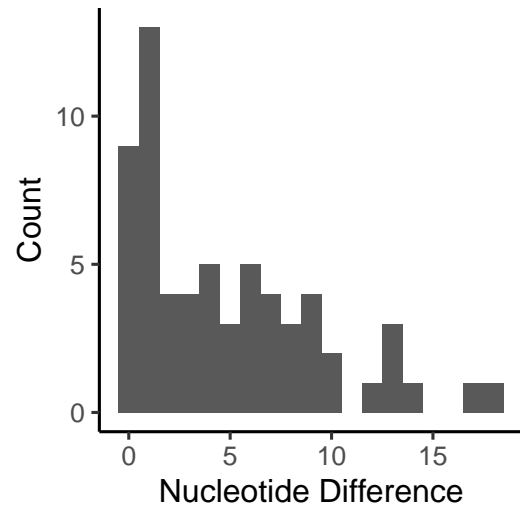
### IGHV3–28\*01\_S5419

1 sequences assigned  
No exact matches.



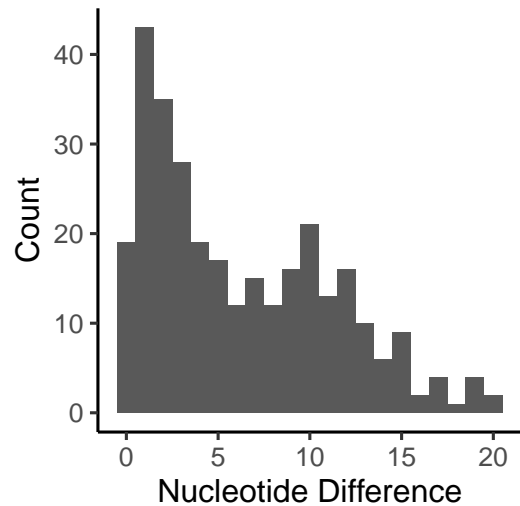
### IGHV3–36\*01\_S7141

65 sequences assigned  
9 (13.8%) exact matches, in which:  
7 unique CDR3  
3 unique J



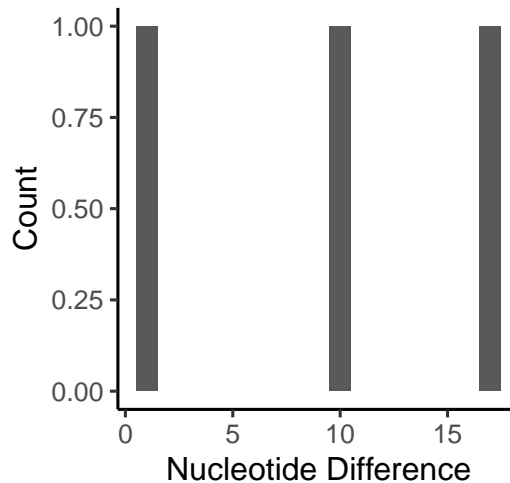
### IGHV3–9\*01\_S7896

340 sequences assigned  
19 (5.6%) exact matches, in which:  
17 unique CDR3  
6 unique J



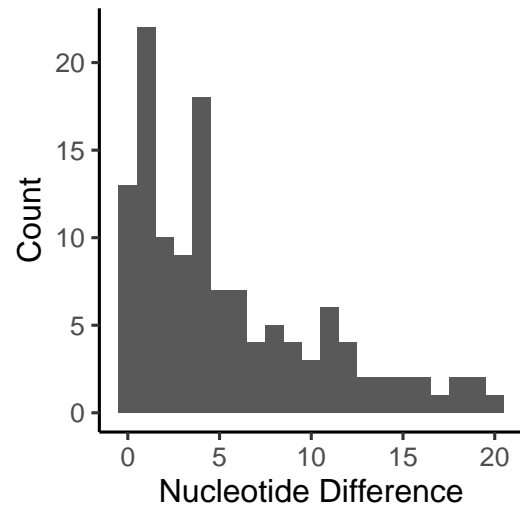
### IGHV3–28\*01\_S7540

3 sequences assigned  
No exact matches.



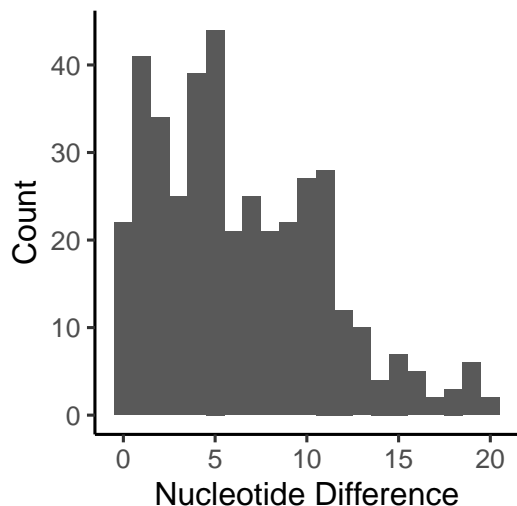
### IGHV3–36\*01\_S9128

139 sequences assigned  
13 (9.4%) exact matches, in which:  
11 unique CDR3  
4 unique J



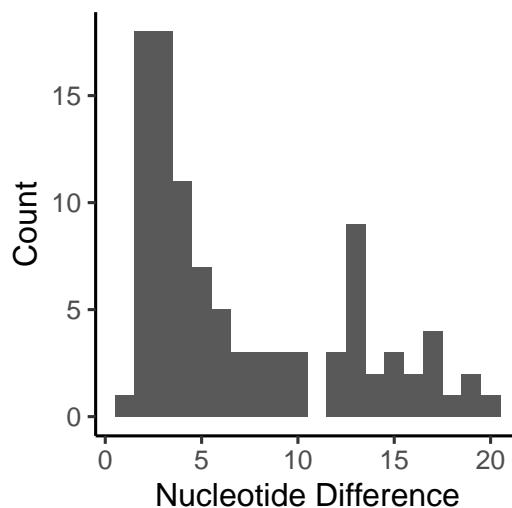
### IGHV3-37\*01\_S4420

413 sequences assigned  
22 (5.3%) exact matches, in which:  
15 unique CDR3  
2 unique J



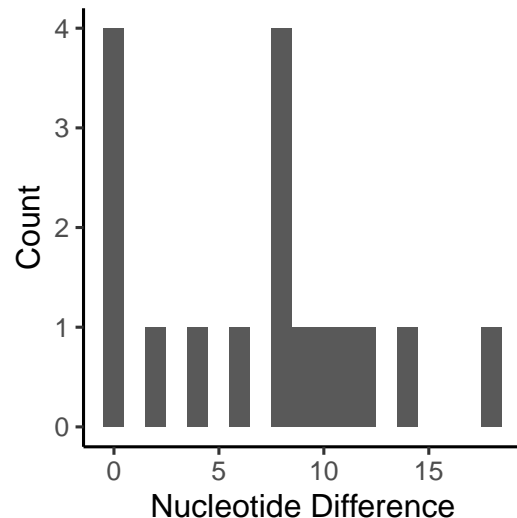
### IGHV3-53\*01\_S4256

104 sequences assigned  
No exact matches.



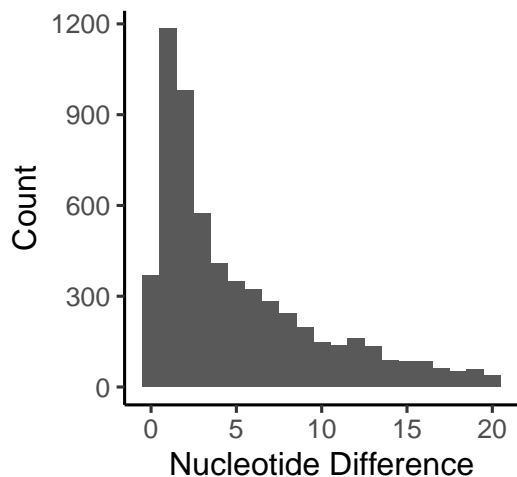
### IGHV3-83\*02\_S9518

17 sequences assigned  
4 (23.5%) exact matches, in which:  
3 unique CDR3  
2 unique J



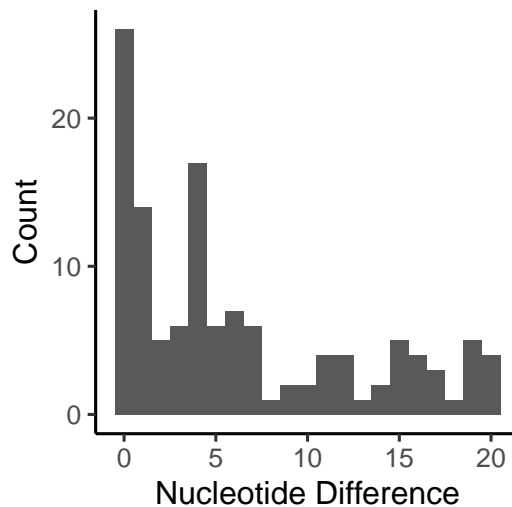
### IGHV3-50\*01\_S1879

6130 sequences assigned  
368 (6%) exact matches, in which:  
236 unique CDR3  
7 unique J



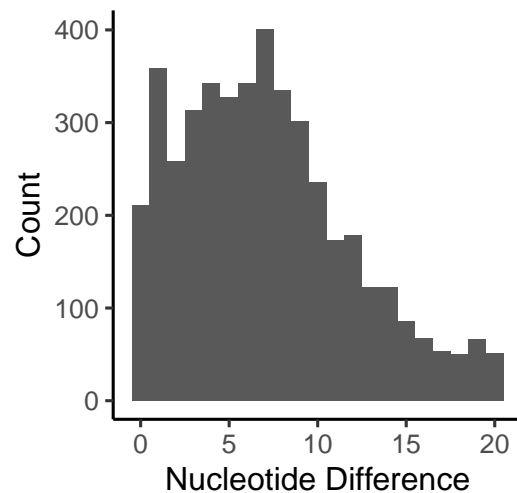
### IGHV3-73\*01\_S6942

137 sequences assigned  
26 (19%) exact matches, in which:  
18 unique CDR3  
4 unique J



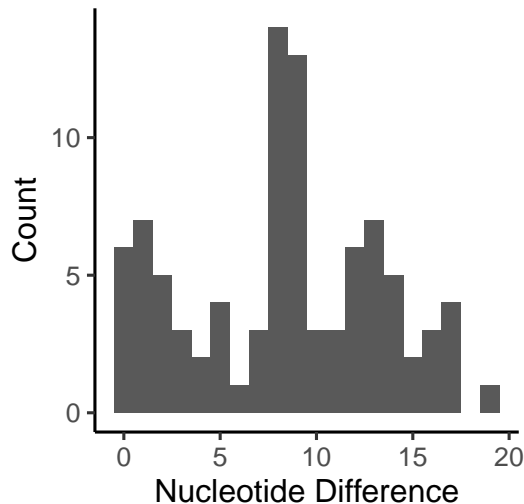
### IGHV3-88\*01\_S9155

4659 sequences assigned  
211 (4.5%) exact matches, in which:  
113 unique CDR3  
6 unique J



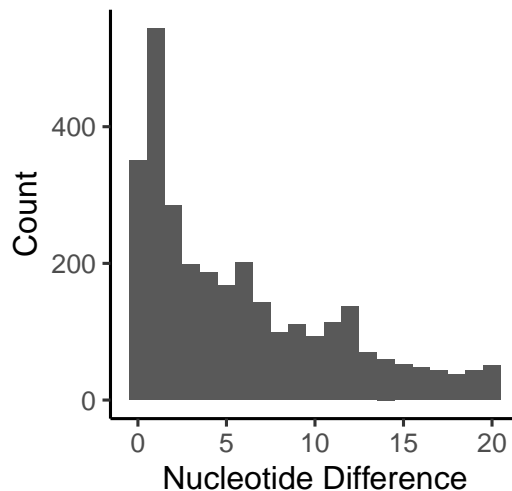
### IGHV3-52\*01\_S3960

98 sequences assigned  
6 (6.1%) exact matches, in which:  
5 unique CDR3  
3 unique J



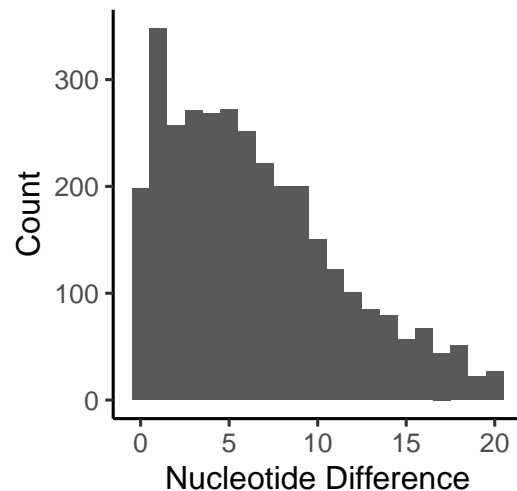
### IGHV3-76\*01\_S4285

3286 sequences assigned  
351 (10.7%) exact matches, in which:  
190 unique CDR3  
7 unique J



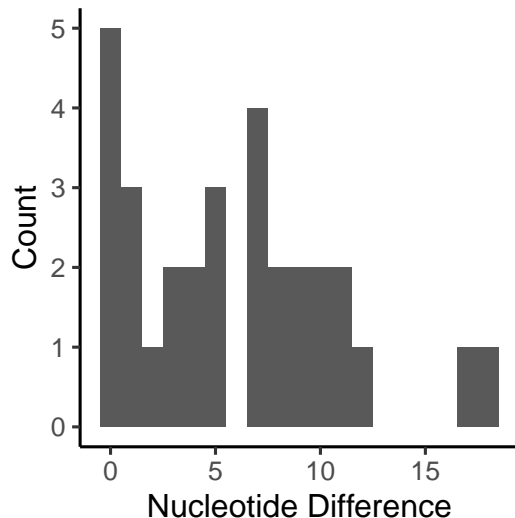
### IGHV3-88\*02\_S7590

3547 sequences assigned  
198 (5.6%) exact matches, in which:  
104 unique CDR3  
5 unique J



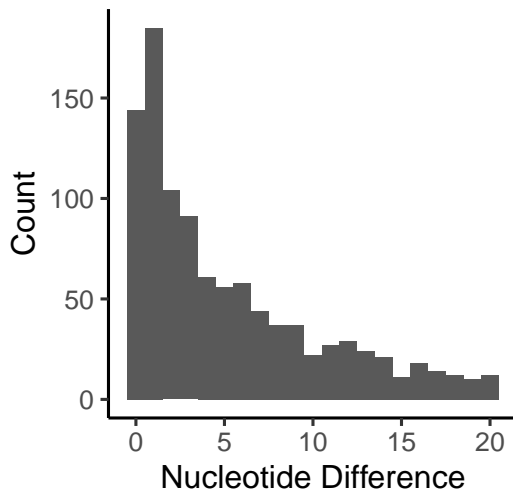
### IGHV3-100\*01\_C38G\_A29

38 sequences assigned  
5 (13.2%) exact matches, in which:  
5 unique CDR3  
2 unique J



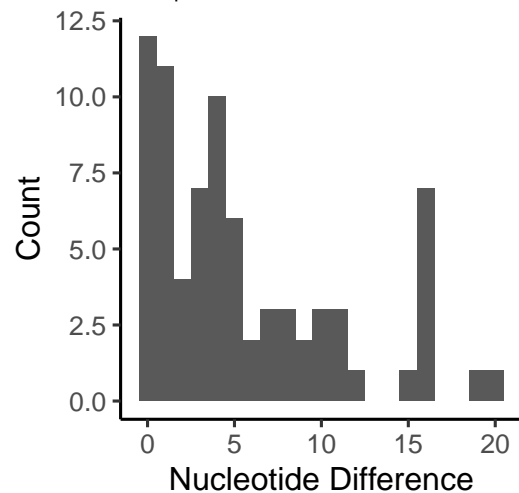
### IGHV3-122\*01\_S8388

1078 sequences assigned  
144 (13.4%) exact matches, in which:  
72 unique CDR3  
5 unique J



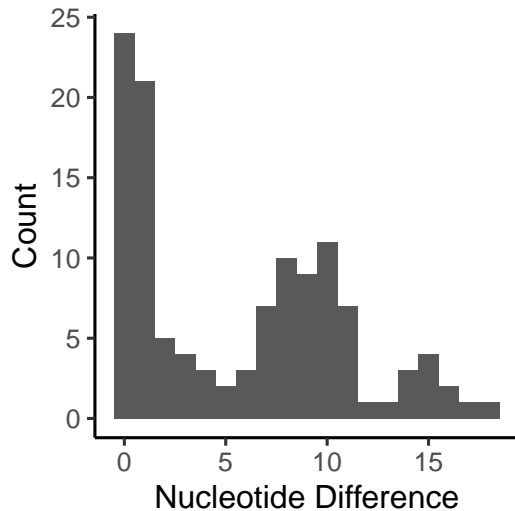
### IGHV3-141\*01\_S8690

79 sequences assigned  
12 (15.2%) exact matches, in which:  
10 unique CDR3  
5 unique J



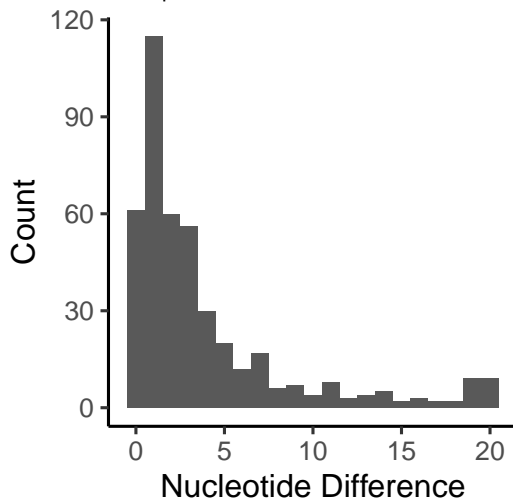
### IGHV3-100\*01\_S4375

195 sequences assigned  
24 (12.3%) exact matches, in which:  
17 unique CDR3  
3 unique J



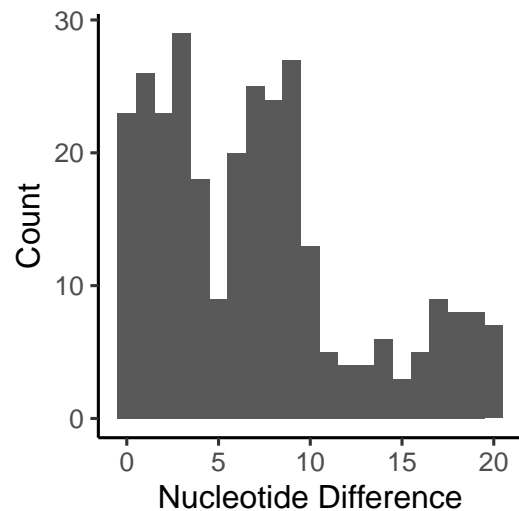
### IGHV3-127\*01\_S5171

531 sequences assigned  
61 (11.5%) exact matches, in which:  
35 unique CDR3  
4 unique J



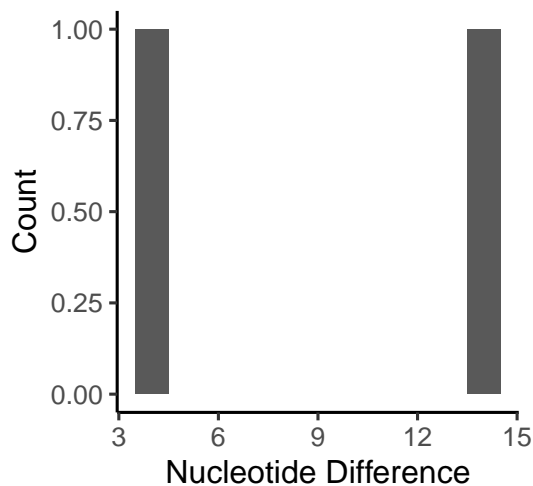
### IGHV3-152\*01\_S1133

341 sequences assigned  
23 (6.7%) exact matches, in which:  
15 unique CDR3  
3 unique J



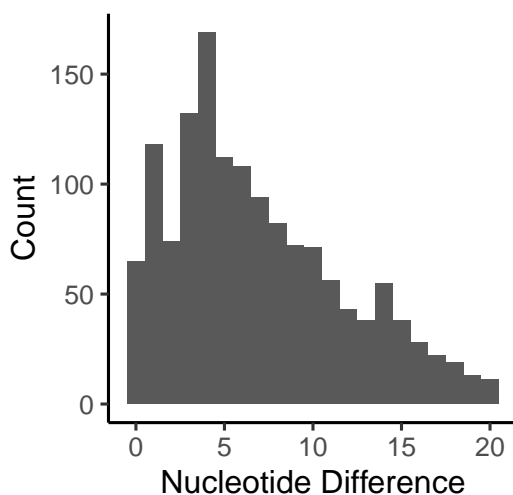
### IGHV3-120\*01\_S4231

2 sequences assigned  
No exact matches.



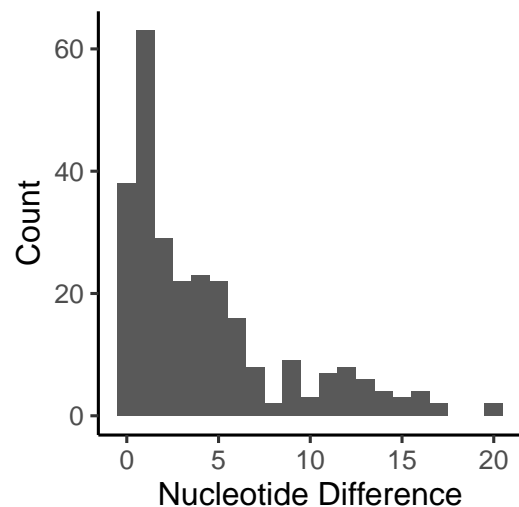
### IGHV3-128\*02\_S1570

1560 sequences assigned  
65 (4.2%) exact matches, in which:  
36 unique CDR3  
5 unique J



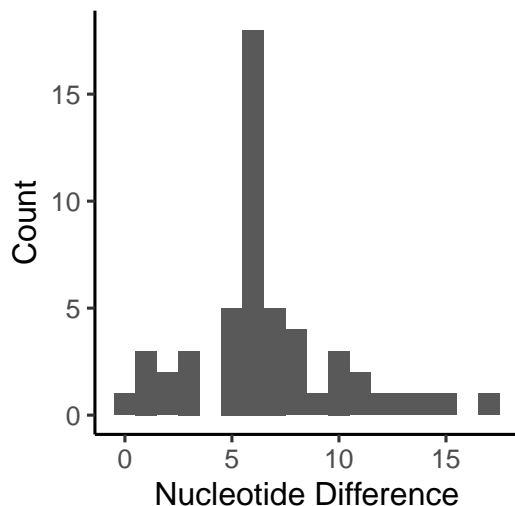
### IGHV3-172\*01\_S0645

277 sequences assigned  
38 (13.7%) exact matches, in which:  
16 unique CDR3  
6 unique J



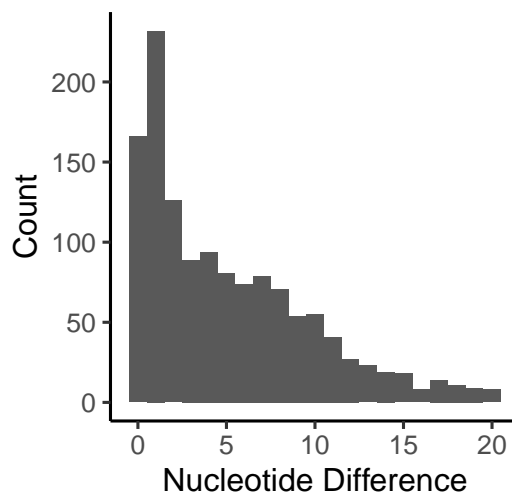
### IGHV3-172\*01\_S1597

55 sequences assigned  
1 (1.8%) exact matches, in which:  
1 unique CDR3  
1 unique J



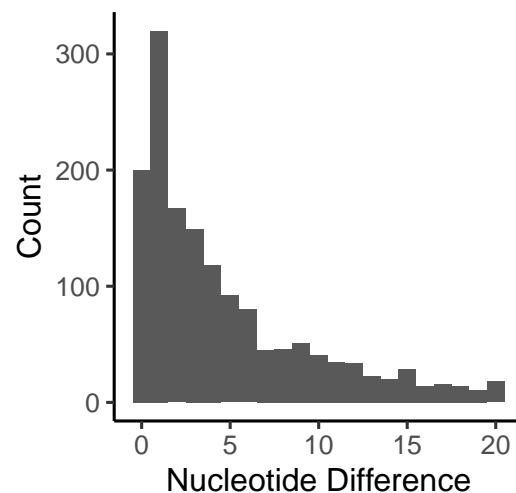
### IGHV3-187\*01\_S1090

1348 sequences assigned  
166 (12.3%) exact matches, in which:  
101 unique CDR3  
6 unique J



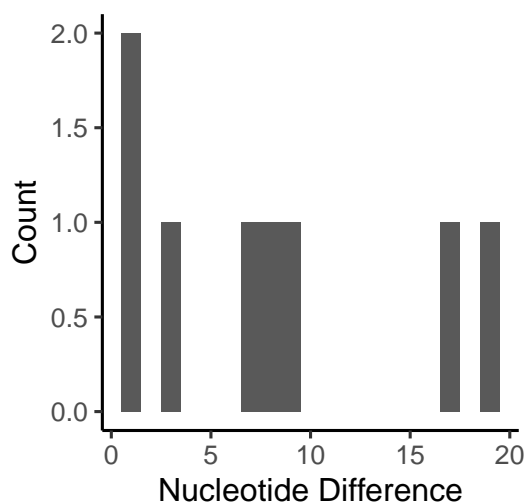
### IGHV3-NL\_1\*01\_S4549

1658 sequences assigned  
200 (12.1%) exact matches, in which:  
111 unique CDR3  
6 unique J



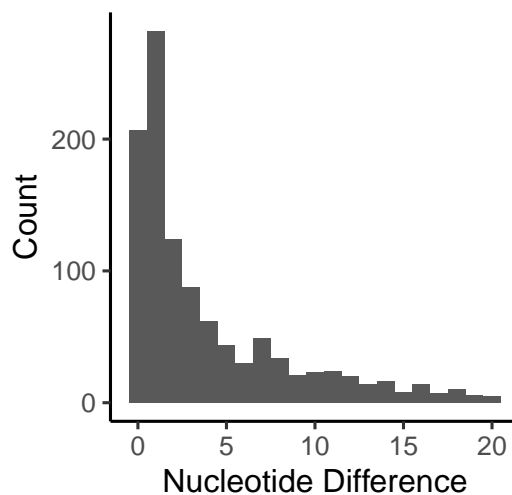
### IGHV3-175\*01\_S1248

9 sequences assigned  
No exact matches.



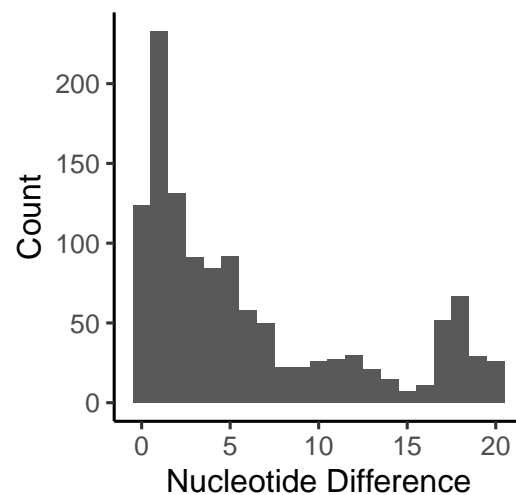
### IGHV3-187\*01\_S6840

1116 sequences assigned  
207 (18.5%) exact matches, in which:  
117 unique CDR3  
5 unique J



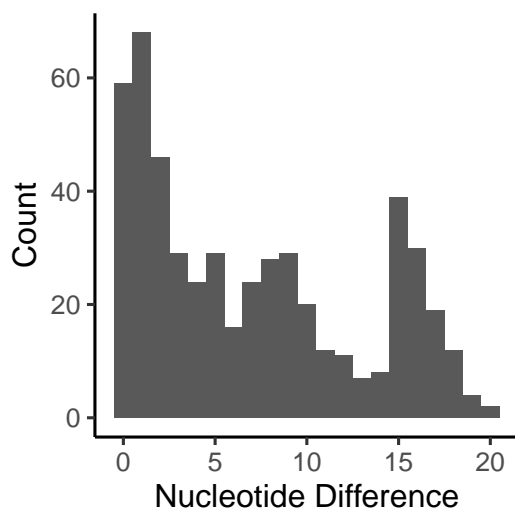
### IGHV3-NL\_1\*01\_S5238

1325 sequences assigned  
124 (9.4%) exact matches, in which:  
74 unique CDR3  
6 unique J



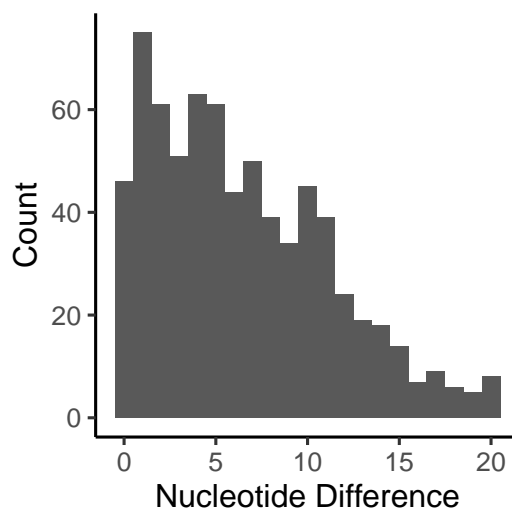
### IGHV3-177\*01\_S4102

580 sequences assigned  
59 (10.2%) exact matches, in which:  
37 unique CDR3  
6 unique J



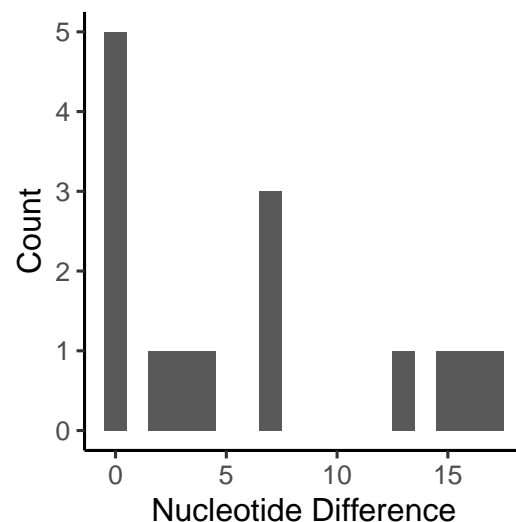
### IGHV3-NL\_1\*01\_S2788

734 sequences assigned  
46 (6.3%) exact matches, in which:  
31 unique CDR3  
4 unique J



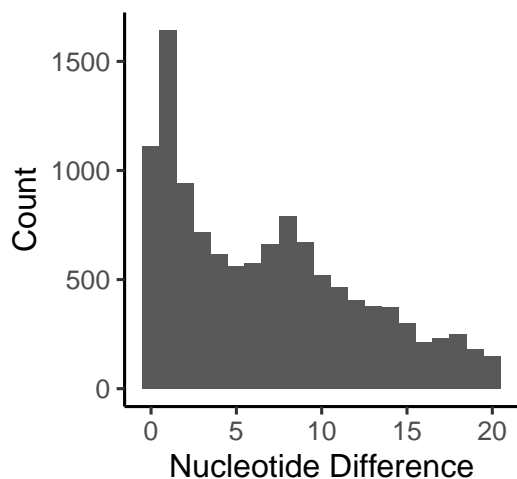
### IGHV3-NL\_10\*02\_S1970

17 sequences assigned  
5 (29.4%) exact matches, in which:  
5 unique CDR3  
3 unique J



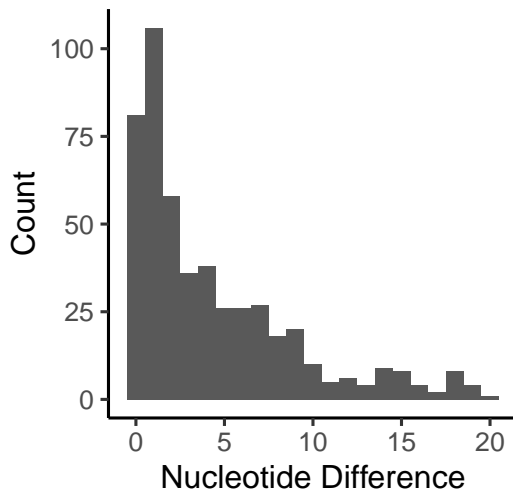
### IGHV3–NL\_11\*01\_S373

12568 sequences assigned  
1113 (8.9%) exact matches, in which:  
673 unique CDR3  
8 unique J



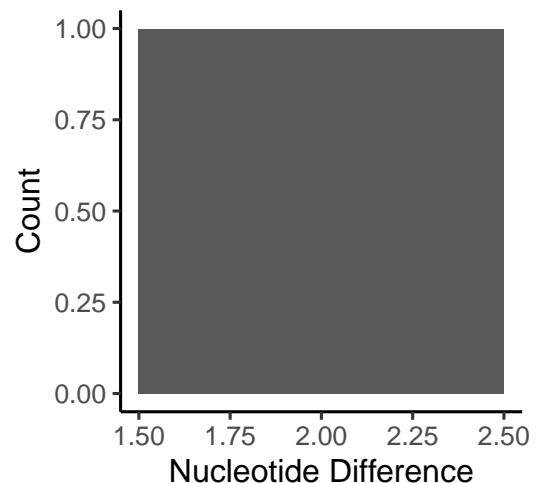
### IGHV3–NL\_14\*01\_S9823

514 sequences assigned  
81 (15.8%) exact matches, in which:  
47 unique CDR3  
6 unique J



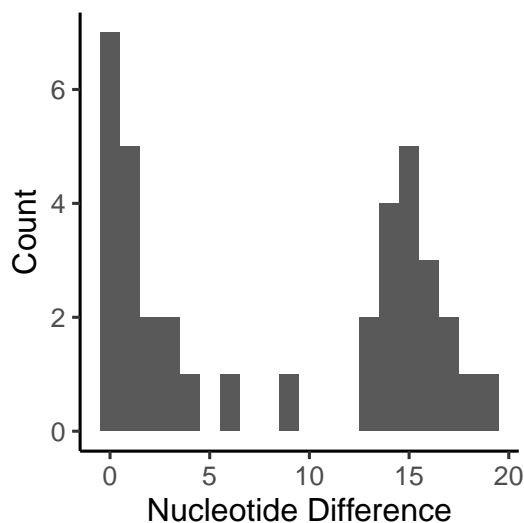
### IGHV3–NL\_16\*01\_S8234

1 sequences assigned  
No exact matches.



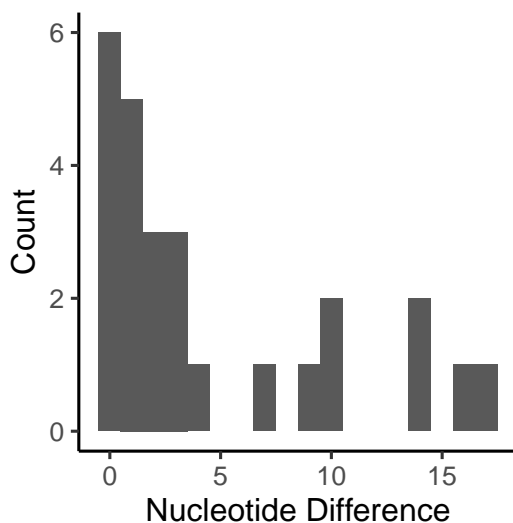
### IGHV3–NL\_13\*01\_S2791

40 sequences assigned  
7 (17.5%) exact matches, in which:  
3 unique CDR3  
2 unique J



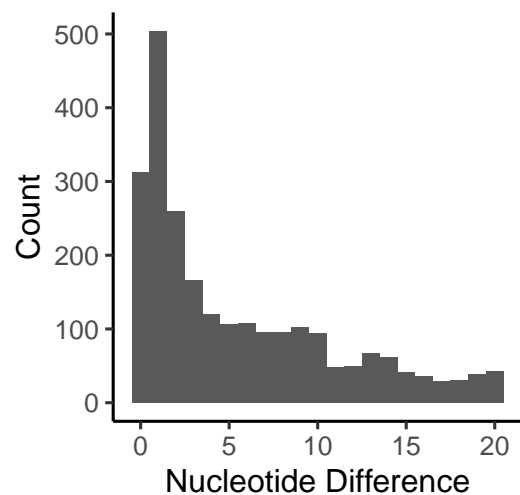
### IGHV3–NL\_15\*01\_S0604

27 sequences assigned  
6 (22.2%) exact matches, in which:  
2 unique CDR3  
2 unique J



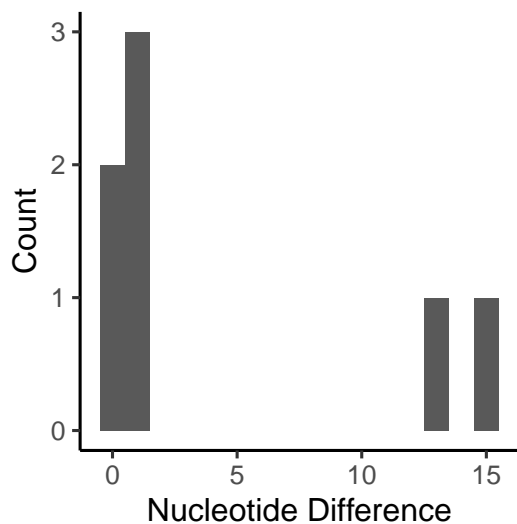
### IGHV3–NL\_17\*01\_S1160

2592 sequences assigned  
312 (12%) exact matches, in which:  
178 unique CDR3  
5 unique J



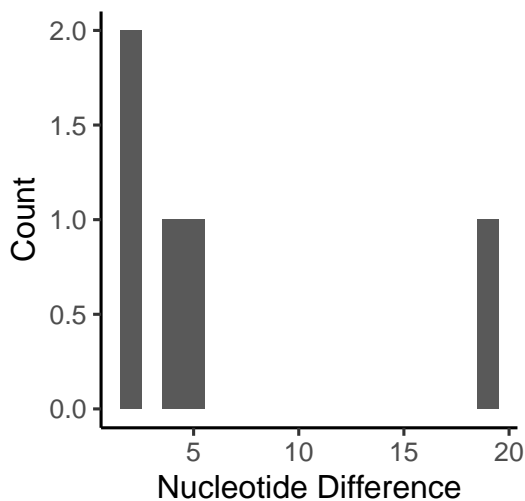
### IGHV3–NL\_13\*01\_S5767

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



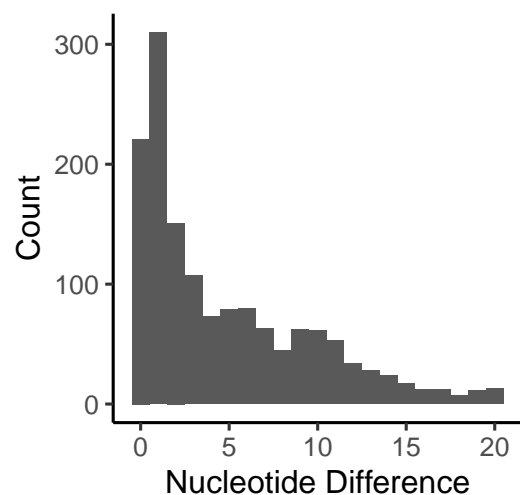
### IGHV3–NL\_16\*01\_S5133

5 sequences assigned  
No exact matches.



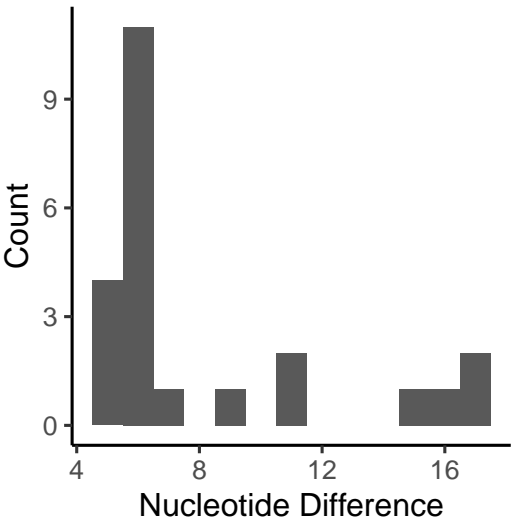
### IGHV3–NL\_17\*01\_S9589

1570 sequences assigned  
221 (14.1%) exact matches, in which:  
130 unique CDR3  
5 unique J



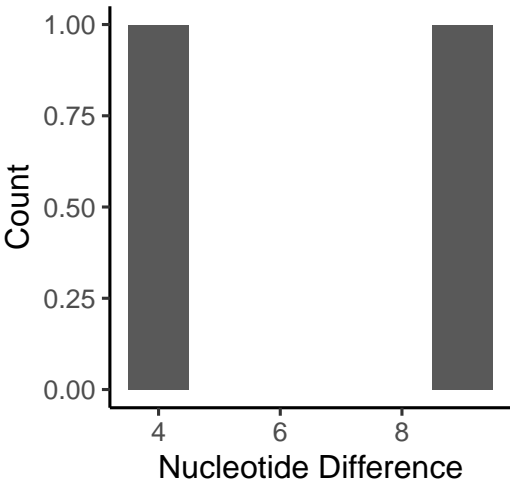
IGHV3–NL\_18\*01\_S7053

23 sequences assigned  
No exact matches.



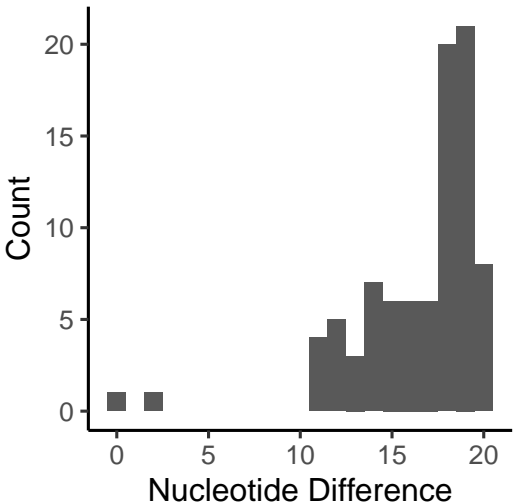
IGHV3–NL\_2\*01\_S1693

2 sequences assigned  
No exact matches.



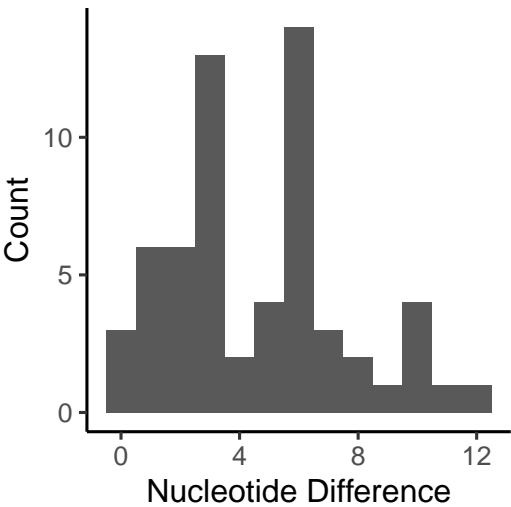
IGHV3–NL\_4\*01\_S9067

113 sequences assigned  
1 (0.9%) exact matches, in which:  
1 unique CDR3  
1 unique J



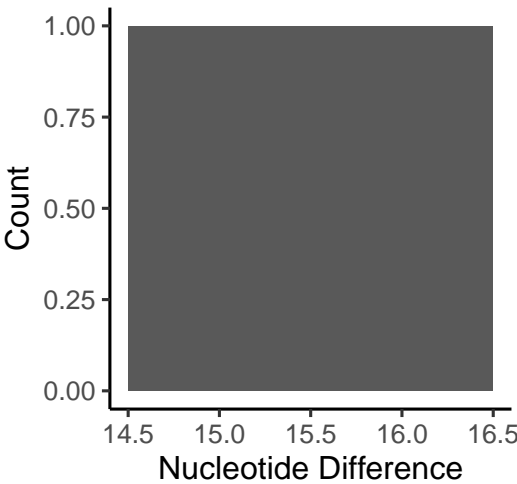
IGHV3–NL\_19\*01\_S4000

61 sequences assigned  
3 (4.9%) exact matches, in which:  
3 unique CDR3  
3 unique J



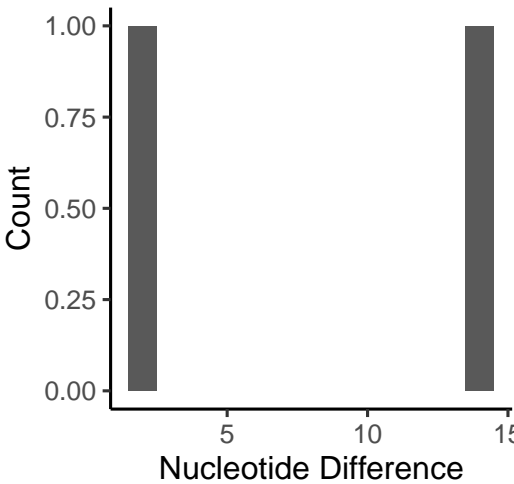
IGHV3–NL\_2\*01\_S3900

2 sequences assigned  
No exact matches.



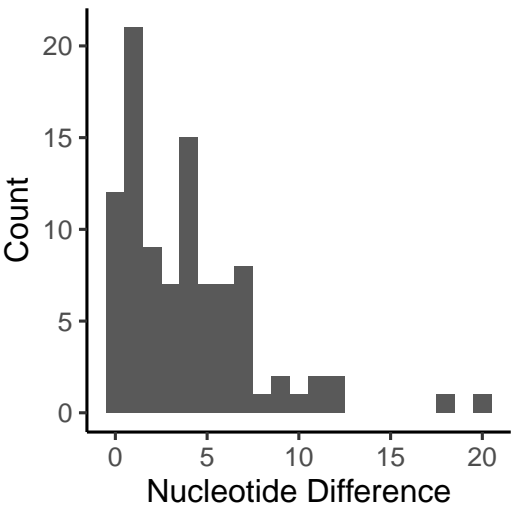
IGHV3–NL\_4\*01\_S9392

4 sequences assigned  
No exact matches.



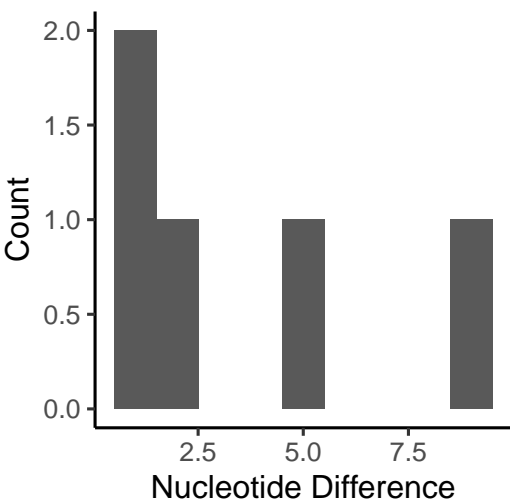
IGHV3–NL\_19\*01\_S5168

97 sequences assigned  
12 (12.4%) exact matches, in which:  
6 unique CDR3  
3 unique J



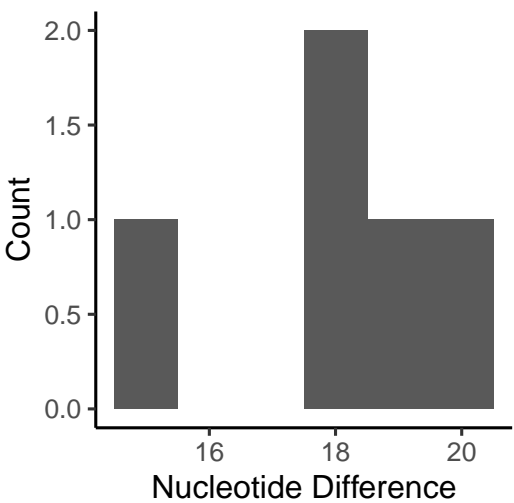
IGHV3–NL\_2\*01\_S5884

5 sequences assigned  
No exact matches.



IGHV3–NL\_5\*01\_S8361

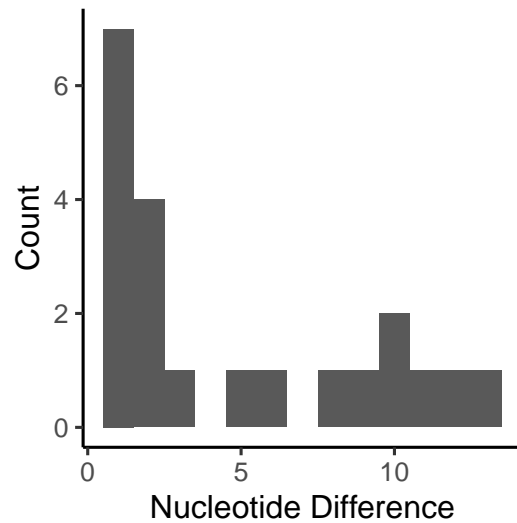
7 sequences assigned  
No exact matches.





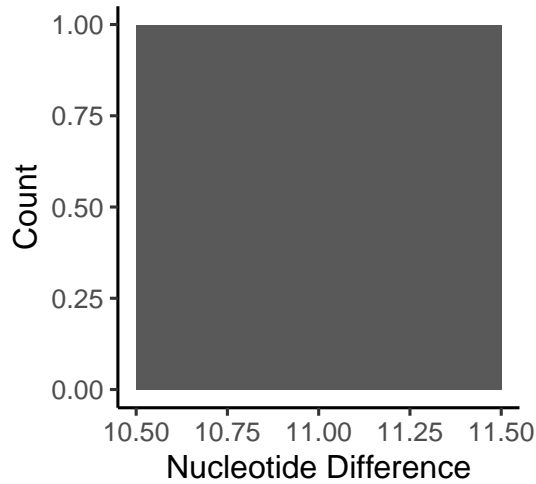
### IGHV3–NL\_6\*02\_S7808

26 sequences assigned  
No exact matches.



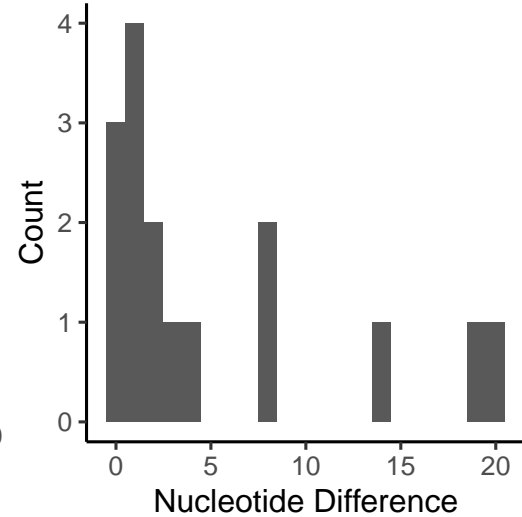
### IGHV3–NL\_8\*01\_S7860

1 sequences assigned  
No exact matches.



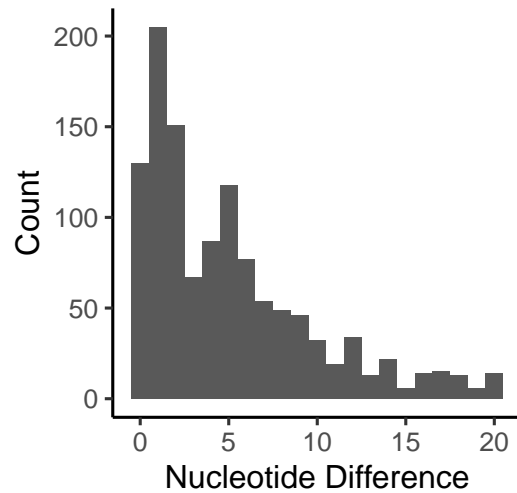
### IGHV4–67\*01\_S8827

17 sequences assigned  
3 (17.6%) exact matches, in which:  
3 unique CDR3  
2 unique J



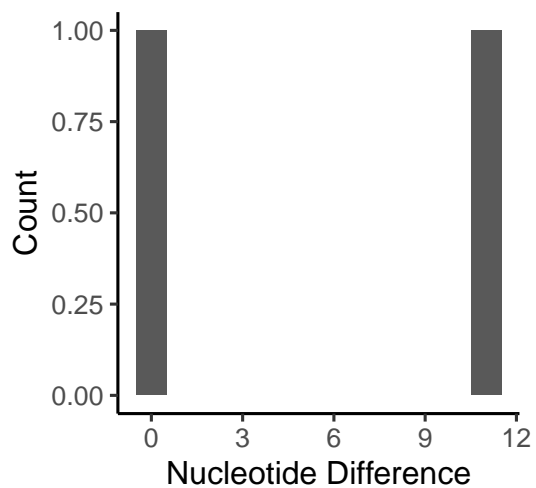
### IGHV3–NL\_7\*01\_S0199

1228 sequences assigned  
130 (10.6%) exact matches, in which:  
100 unique CDR3  
5 unique J



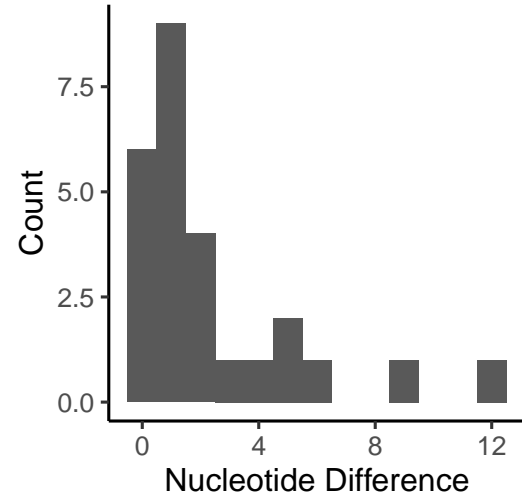
### IGHV3–NL\_8\*01\_S9578

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



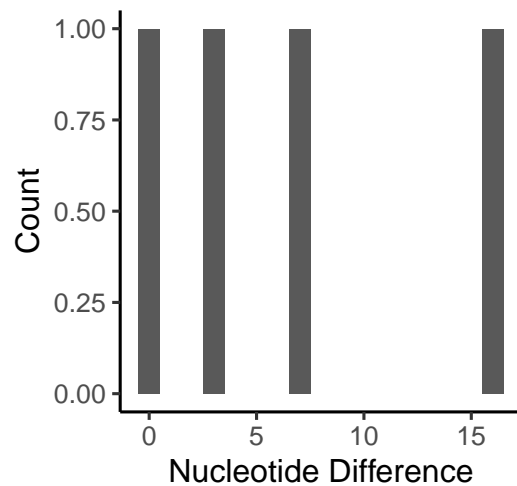
### IGHV4–67\*02\_S6848

26 sequences assigned  
6 (23.1%) exact matches, in which:  
5 unique CDR3  
3 unique J



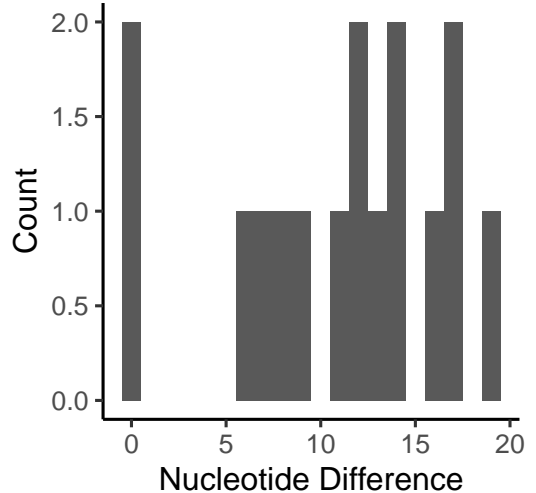
### IGHV3–NL\_8\*01\_S7474

6 sequences assigned  
1 (16.7%) exact matches, in which:  
1 unique CDR3  
1 unique J



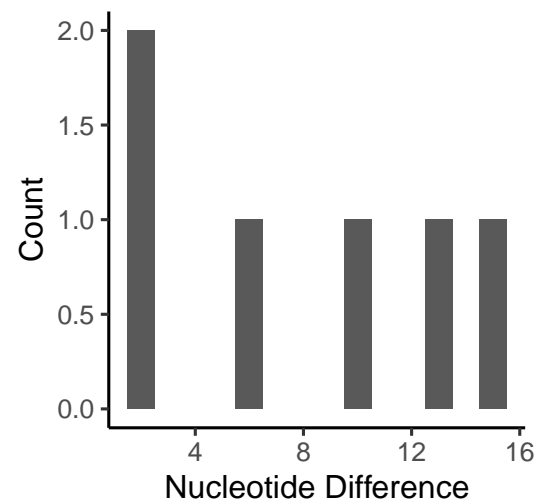
### IGHV3–NL\_9\*01\_S6098

23 sequences assigned  
2 (8.7%) exact matches, in which:  
2 unique CDR3  
1 unique J



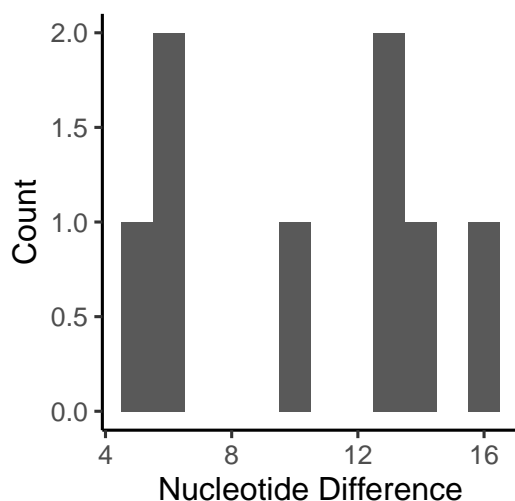
### IGHV4–79\*01\_S1478

8 sequences assigned  
No exact matches.



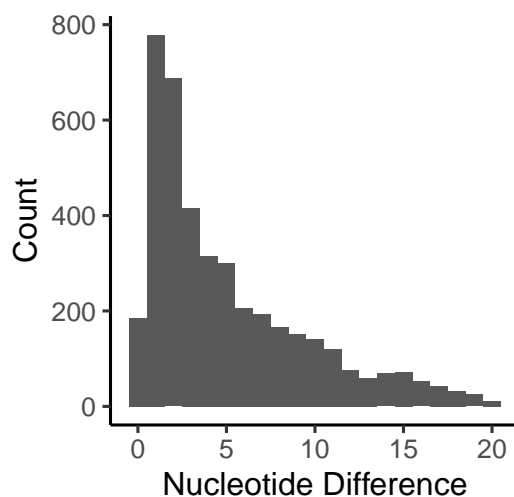
### IGHV4-79\*02\_S9501

10 sequences assigned  
No exact matches.



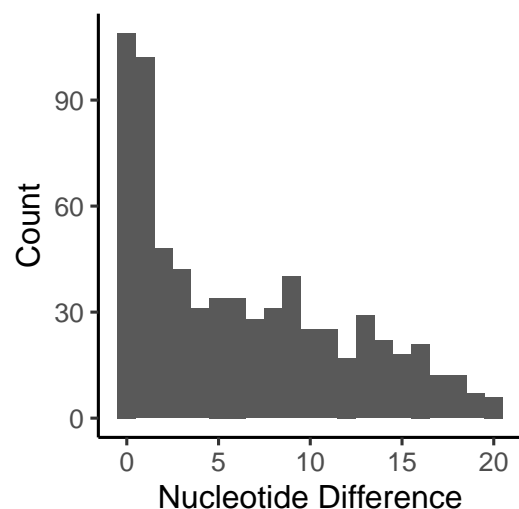
### IGHV4-117\*01\_S0312

4220 sequences assigned  
185 (4.4%) exact matches, in which:  
137 unique CDR3  
7 unique J



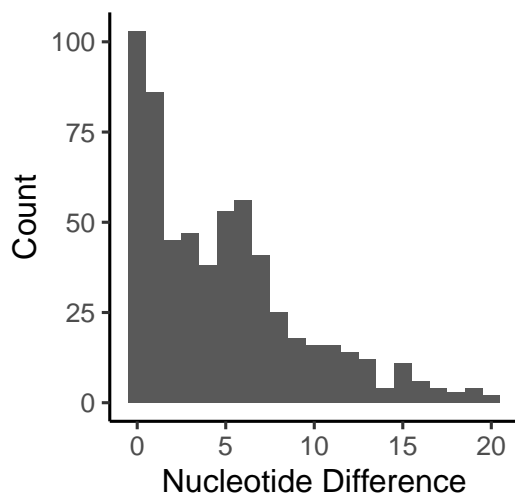
### IGHV4-149\*01\_S9613

749 sequences assigned  
109 (14.6%) exact matches, in which:  
84 unique CDR3  
6 unique J



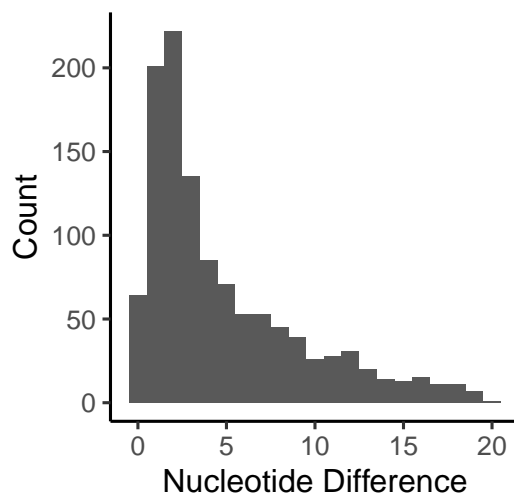
### IGHV4-93\*01\_S0054

623 sequences assigned  
103 (16.5%) exact matches, in which:  
74 unique CDR3  
7 unique J



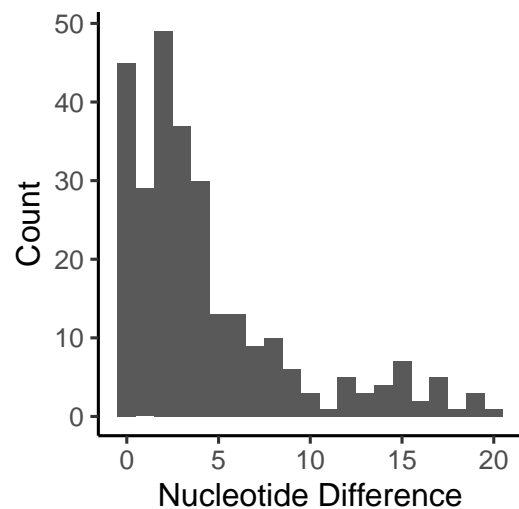
### IGHV4-144\*01\_S8596

1267 sequences assigned  
64 (5.1%) exact matches, in which:  
56 unique CDR3  
7 unique J



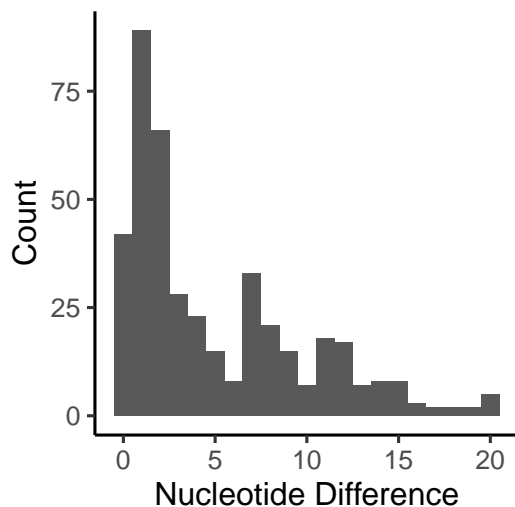
### IGHV4-150\*01\_S6885

286 sequences assigned  
45 (15.7%) exact matches, in which:  
34 unique CDR3  
6 unique J



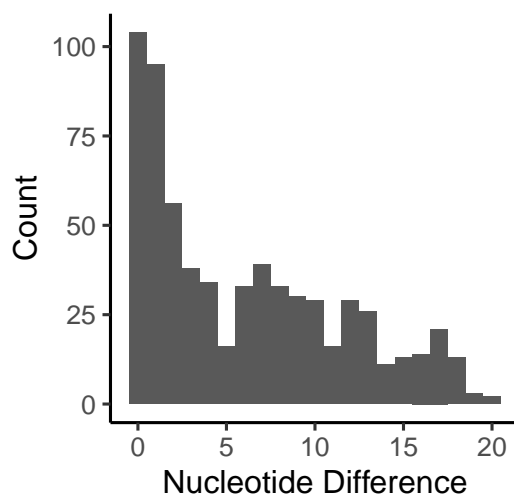
### IGHV4-93\*01\_S5203

437 sequences assigned  
42 (9.6%) exact matches, in which:  
36 unique CDR3  
6 unique J



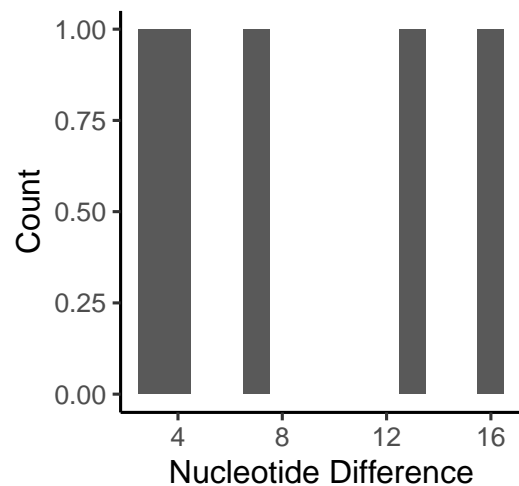
### IGHV4-149\*01\_S9484

680 sequences assigned  
104 (15.3%) exact matches, in which:  
80 unique CDR3  
7 unique J



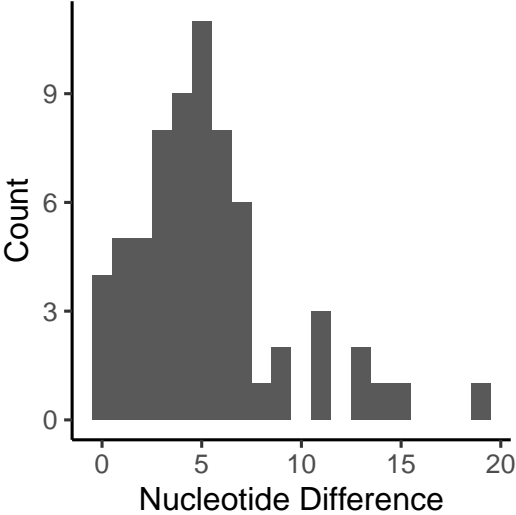
### IGHV4-174\*02\_S5400

9 sequences assigned  
No exact matches.



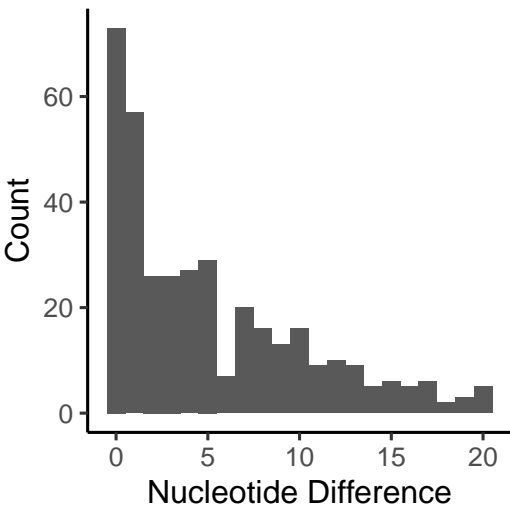
IGHV4–NL\_1\*01\_S4155

70 sequences assigned  
4 (5.7%) exact matches, in which:  
4 unique CDR3  
3 unique J



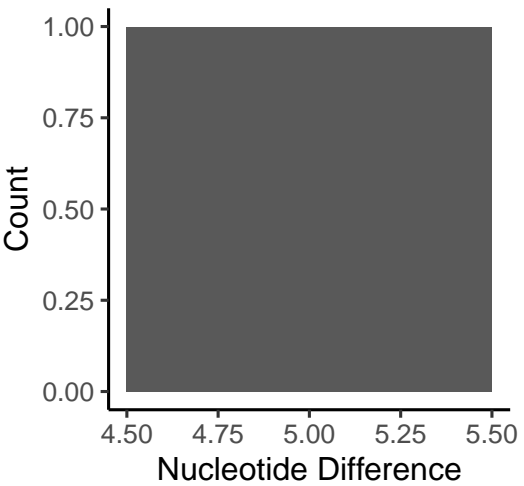
IGHV4–NL\_10\*01\_S7684

382 sequences assigned  
73 (19.1%) exact matches, in which:  
64 unique CDR3  
7 unique J



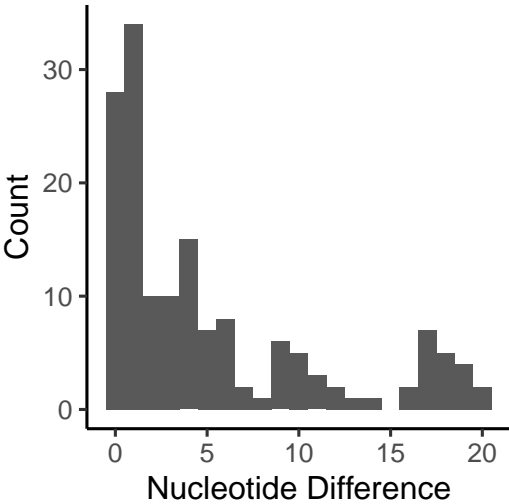
IGHV4–NL\_11\*01\_S4655

1 sequences assigned  
No exact matches.



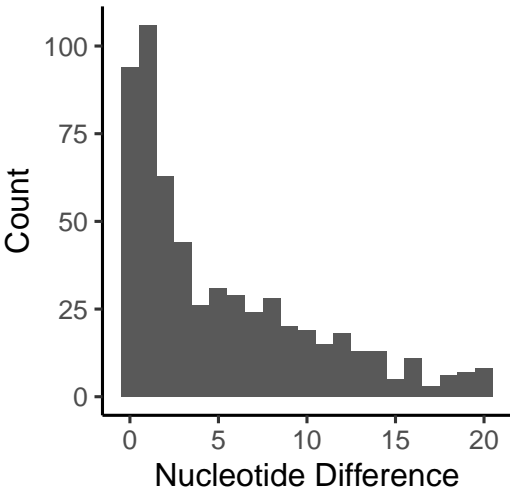
IGHV4–NL\_1\*01\_S5296

163 sequences assigned  
28 (17.2%) exact matches, in which:  
21 unique CDR3  
5 unique J



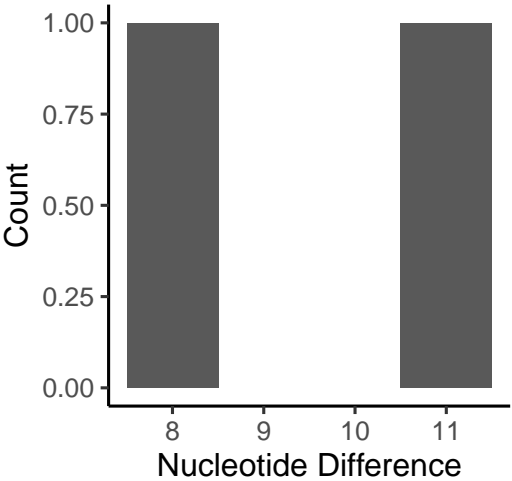
IGHV4–NL\_10\*01\_S7684

616 sequences assigned  
94 (15.3%) exact matches, in which:  
81 unique CDR3  
7 unique J



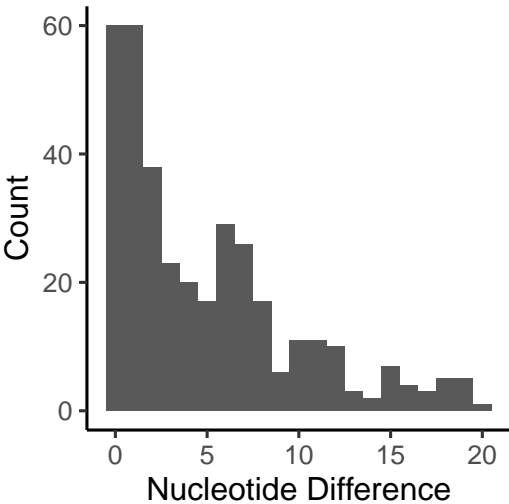
IGHV4–NL\_12\*01\_S5174

8 sequences assigned  
No exact matches.



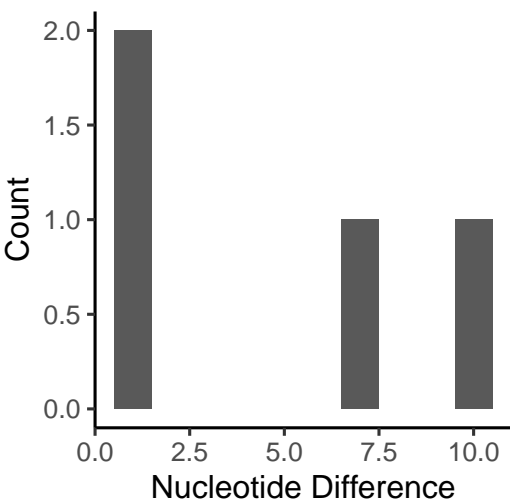
IGHV4–NL\_1\*01\_S9508

374 sequences assigned  
60 (16%) exact matches, in which:  
52 unique CDR3  
7 unique J



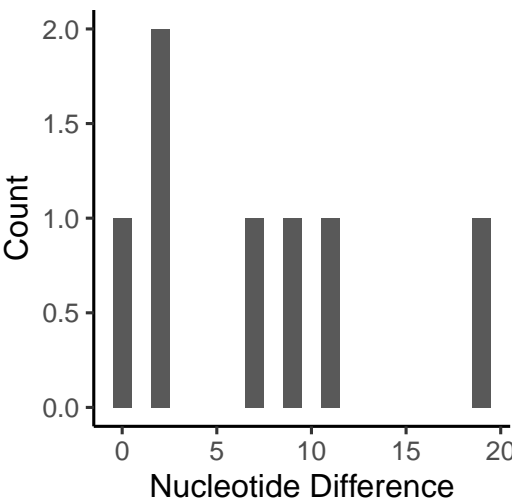
IGHV4–NL\_11\*01\_S0325

4 sequences assigned  
No exact matches.



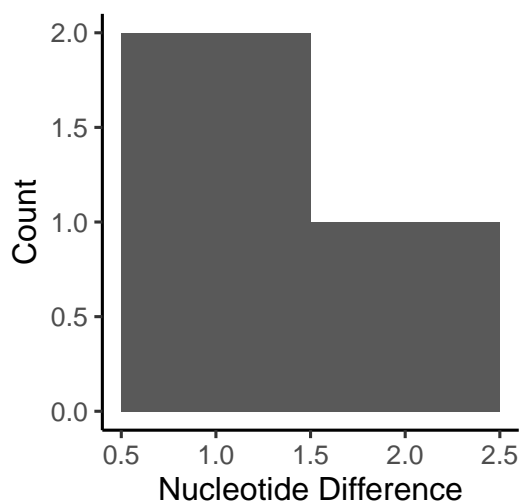
IGHV4–NL\_12\*01\_S8068

7 sequences assigned  
1 (14.3%) exact matches, in which:  
1 unique CDR3  
1 unique J



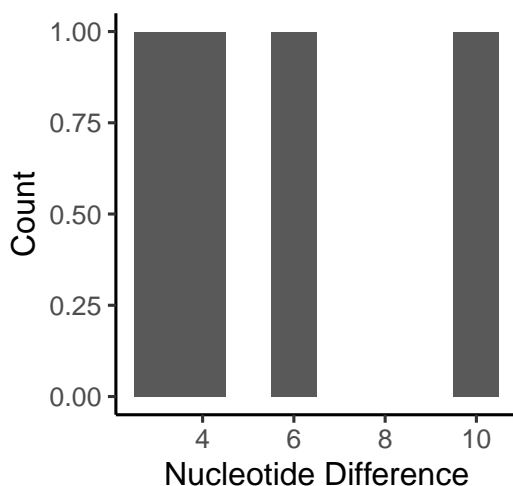
### IGHV4-NL\_13\*01\_S9744

3 sequences assigned  
No exact matches.



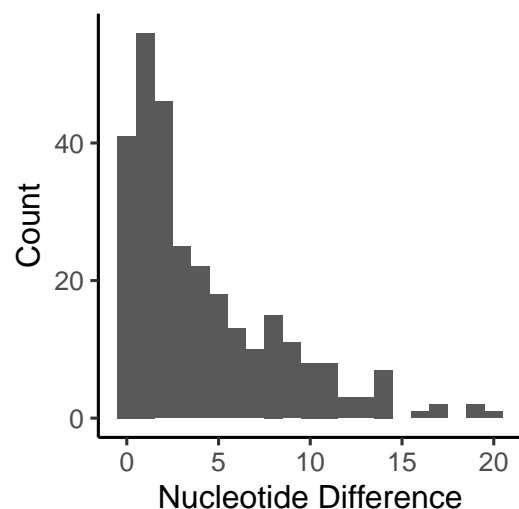
### IGHV4-NL\_16\*01\_S3062

5 sequences assigned  
No exact matches.



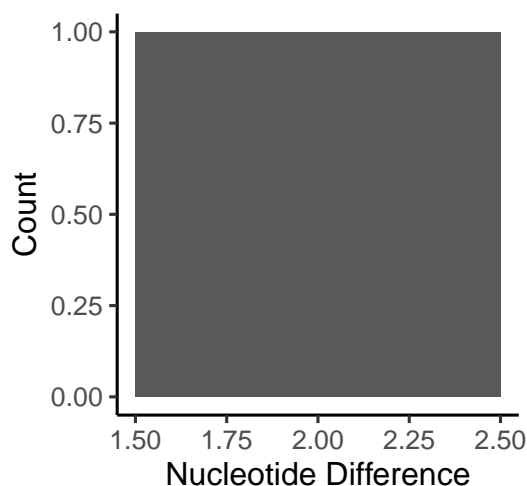
### IGHV4-NL\_17\*01\_S5431

300 sequences assigned  
41 (13.7%) exact matches, in which:  
33 unique CDR3  
6 unique J



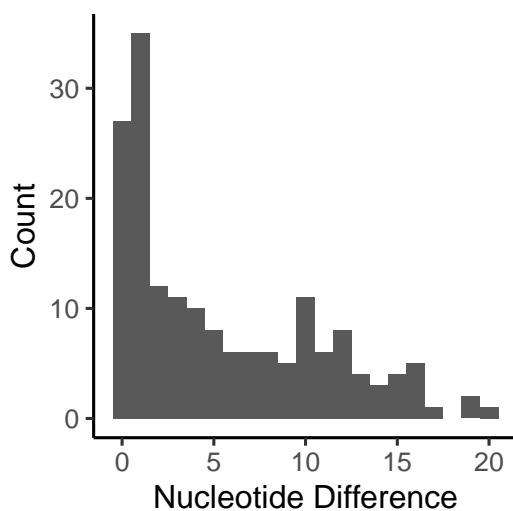
### IGHV4-NL\_15\*01\_S7687

1 sequences assigned  
No exact matches.



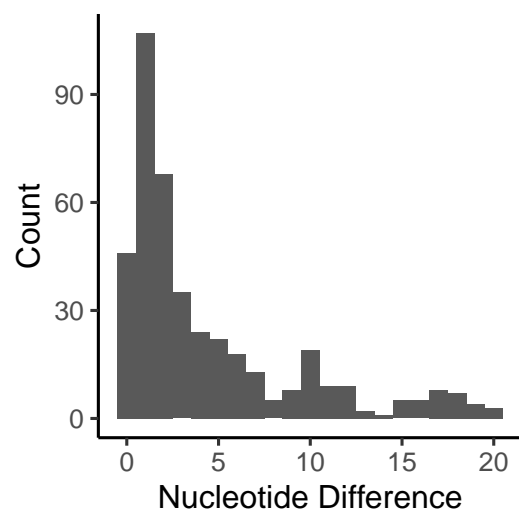
### IGHV4-NL\_17\*01\_S2814

179 sequences assigned  
27 (15.1%) exact matches, in which:  
20 unique CDR3  
5 unique J



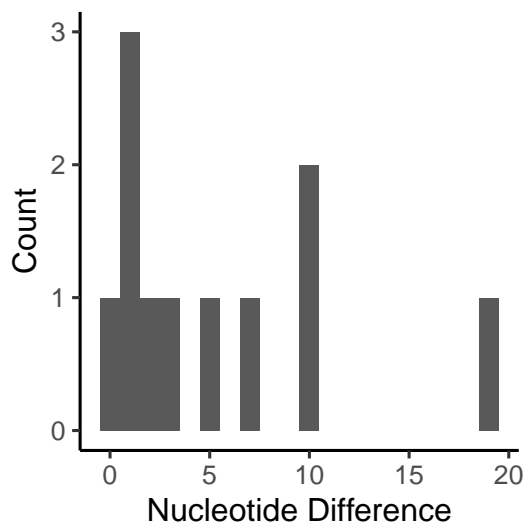
### IGHV4-NL\_20\*01\_S6186

442 sequences assigned  
46 (10.4%) exact matches, in which:  
39 unique CDR3  
6 unique J



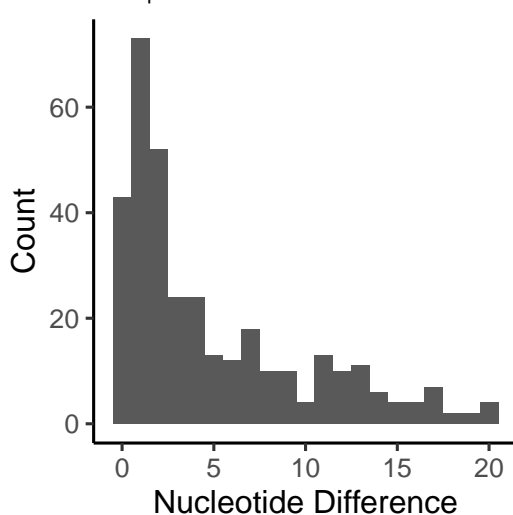
### IGHV4-NL\_16\*01\_S2138

13 sequences assigned  
1 (7.7%) exact matches, in which:  
1 unique CDR3  
1 unique J



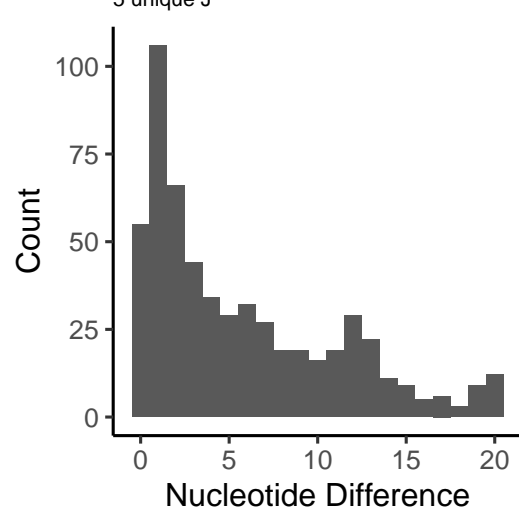
### IGHV4-NL\_17\*01\_S3082

382 sequences assigned  
43 (11.3%) exact matches, in which:  
37 unique CDR3  
7 unique J



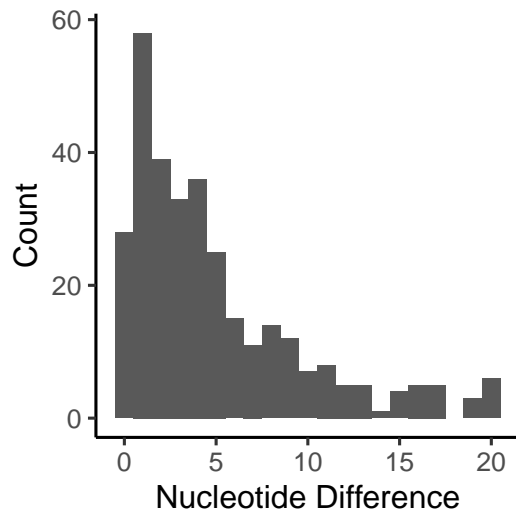
### IGHV4-NL\_21\*01\_S0138

613 sequences assigned  
55 (9%) exact matches, in which:  
49 unique CDR3  
5 unique J



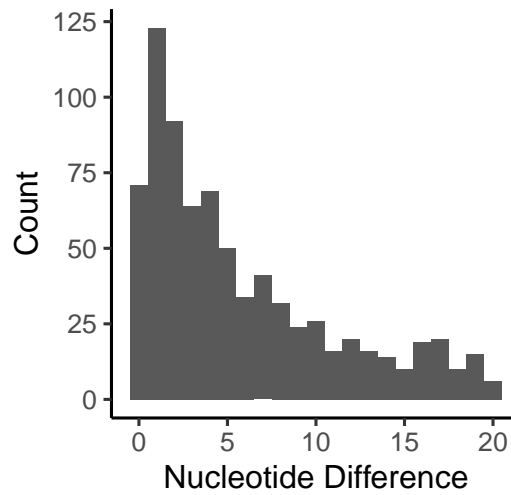
## IGHV4–NL\_22\*01\_S6977

331 sequences assigned  
28 (8.5%) exact matches, in which:  
24 unique CDR3  
5 unique J



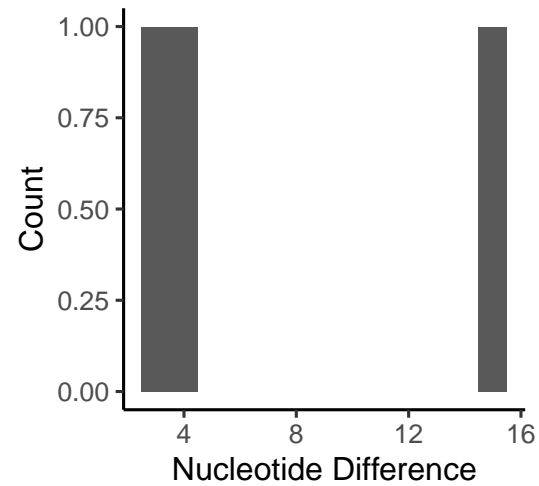
## IGHV4–NL\_25\*01\_S9955

819 sequences assigned  
71 (8.7%) exact matches, in which:  
62 unique CDR3  
6 unique J



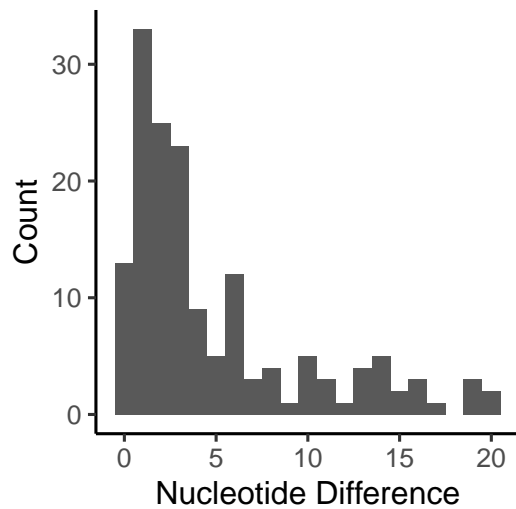
## IGHV4–NL\_27\*01\_S3198

5 sequences assigned  
No exact matches.



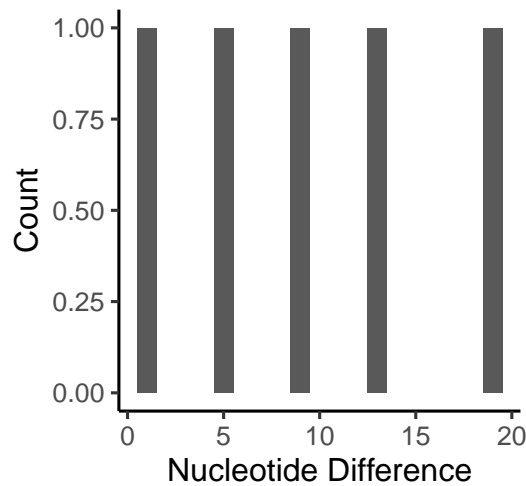
## IGHV4–NL\_24\*01\_S5697

162 sequences assigned  
13 (8%) exact matches, in which:  
13 unique CDR3  
4 unique J



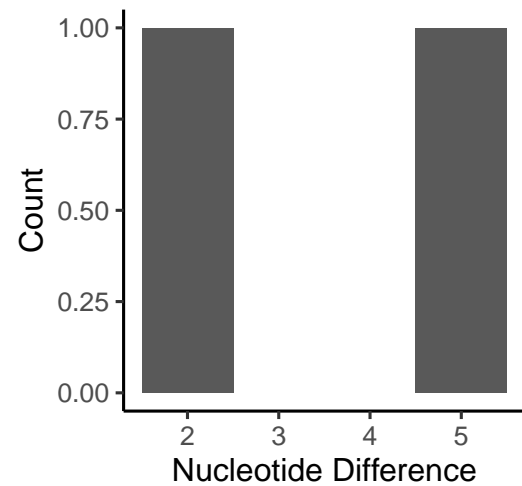
## IGHV4–NL\_26\*01\_S2267

6 sequences assigned  
No exact matches.



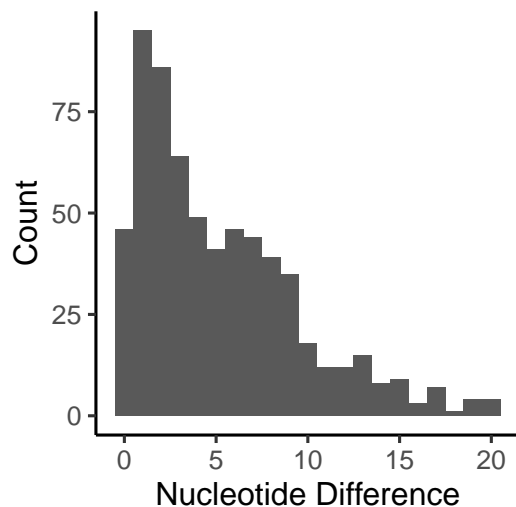
## IGHV4–NL\_27\*01\_S4348

2 sequences assigned  
No exact matches.



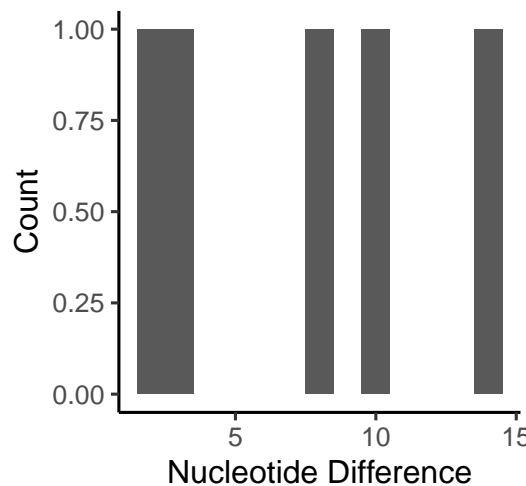
## IGHV4–NL\_25\*01\_S6960

662 sequences assigned  
46 (6.9%) exact matches, in which:  
38 unique CDR3  
6 unique J



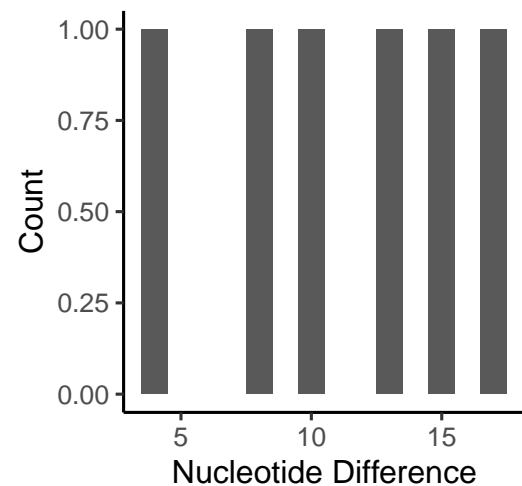
## IGHV4–NL\_27\*01\_S1458

5 sequences assigned  
No exact matches.



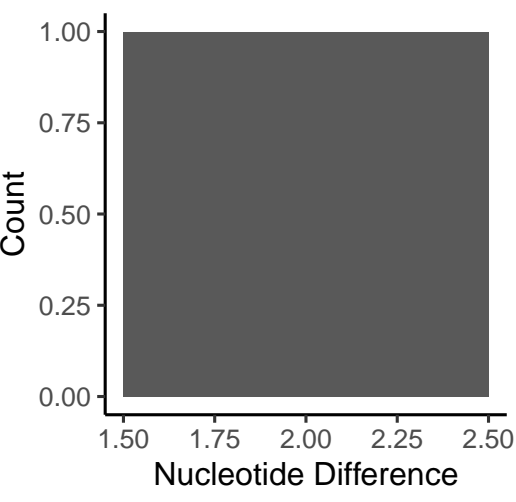
## IGHV4–NL\_27\*01\_S7150

6 sequences assigned  
No exact matches.



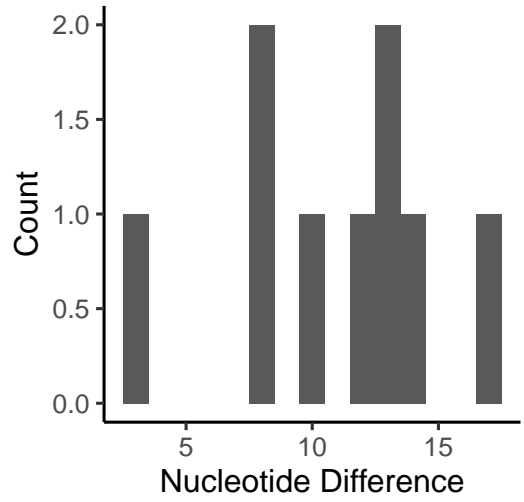
IGHV4-NL\_28\*01\_S1050

1 sequences assigned  
No exact matches.



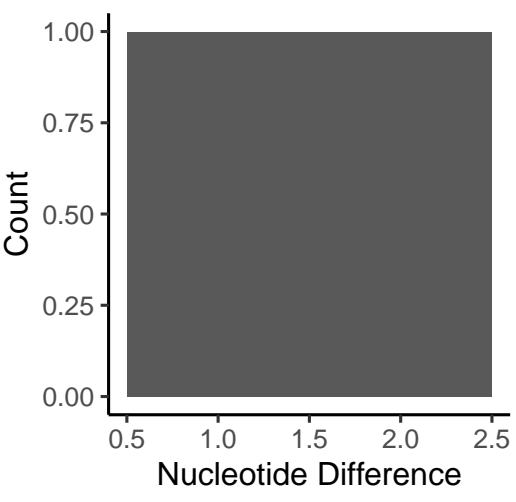
IGHV4-NL\_29\*01\_S3761

9 sequences assigned  
No exact matches.



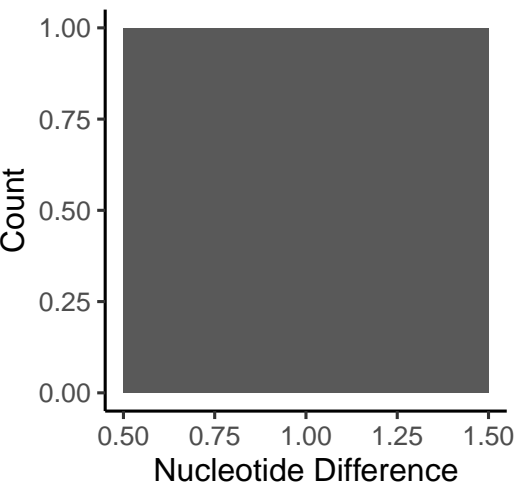
IGHV4-NL\_3\*01\_S7576

2 sequences assigned  
No exact matches.



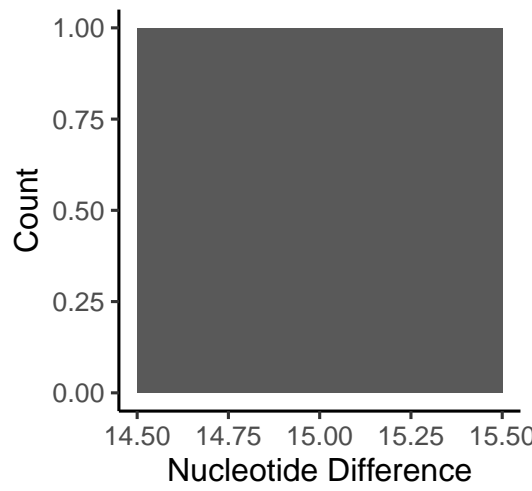
IGHV4-NL\_28\*01\_S8057

1 sequences assigned  
No exact matches.



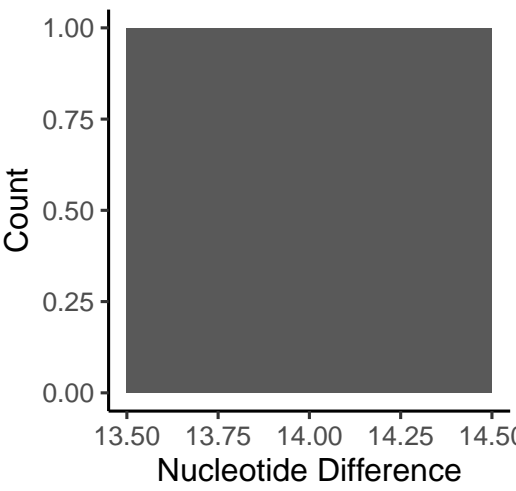
IGHV4-NL\_29\*01\_S9610

2 sequences assigned  
No exact matches.



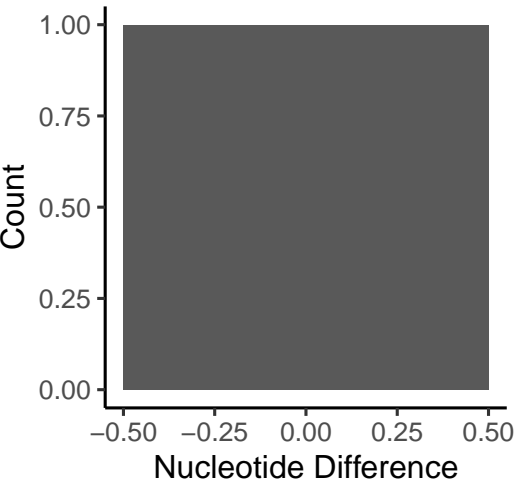
IGHV4-NL\_31\*01\_S1675

1 sequences assigned  
No exact matches.



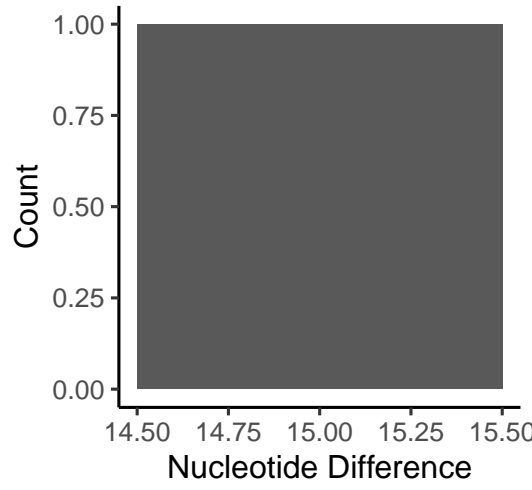
IGHV4-NL\_29\*01\_S1425

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



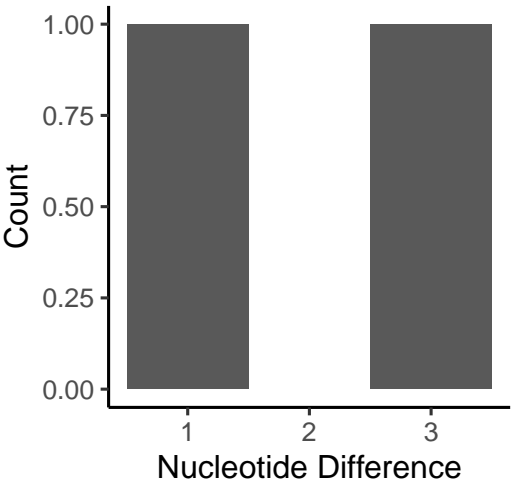
IGHV4-NL\_3\*01\_S1577

1 sequences assigned  
No exact matches.



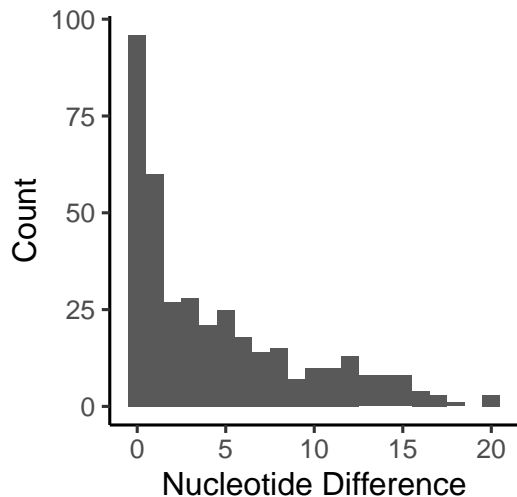
IGHV4-NL\_31\*01\_S7693

3 sequences assigned  
No exact matches.



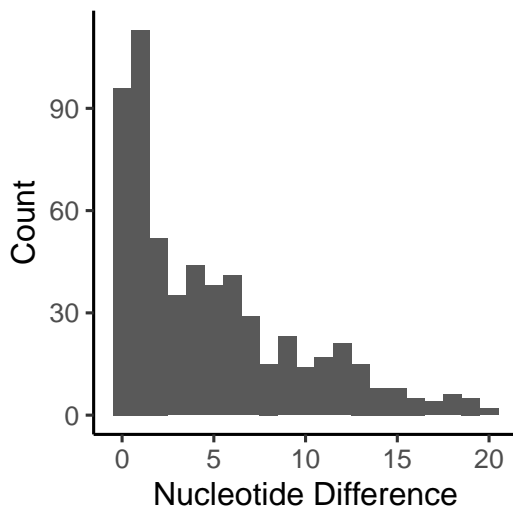
### IGHV4–NL\_32\*01\_S3033

392 sequences assigned  
96 (24.5%) exact matches, in which:  
76 unique CDR3  
6 unique J



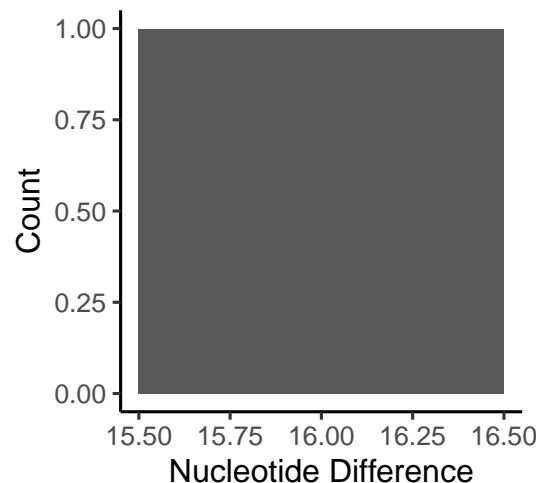
### IGHV4–NL\_36\*01\_S5319

635 sequences assigned  
96 (15.1%) exact matches, in which:  
74 unique CDR3  
6 unique J



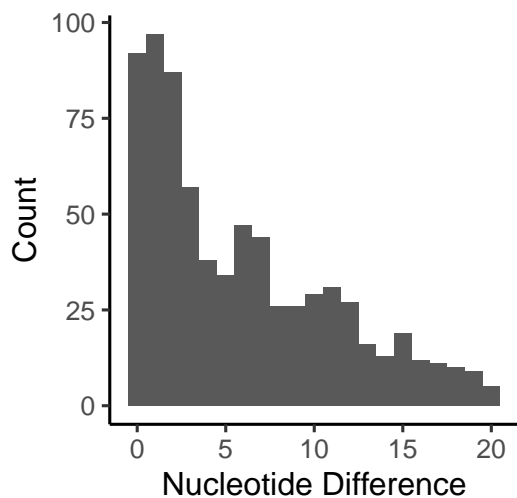
### IGHV4–NL\_40\*01\_S0690

1 sequences assigned  
No exact matches.



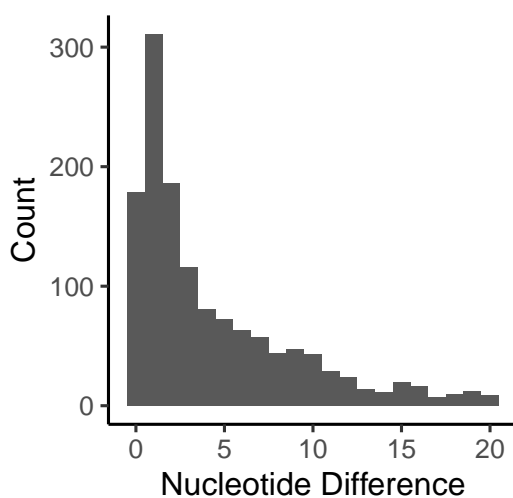
### IGHV4–NL\_33\*01\_S9428

749 sequences assigned  
92 (12.3%) exact matches, in which:  
74 unique CDR3  
6 unique J



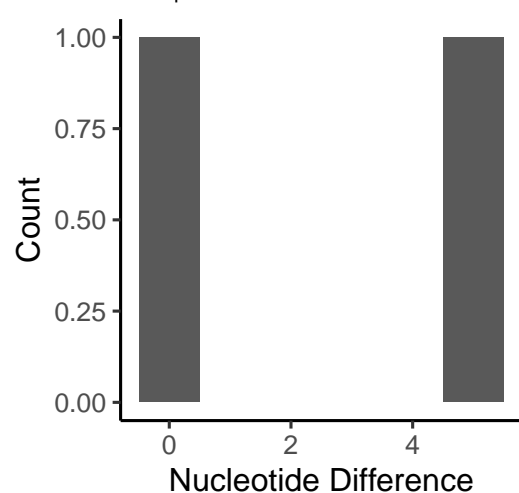
### IGHV4–NL\_38\*01\_S8437

1390 sequences assigned  
179 (12.9%) exact matches, in which:  
149 unique CDR3  
7 unique J



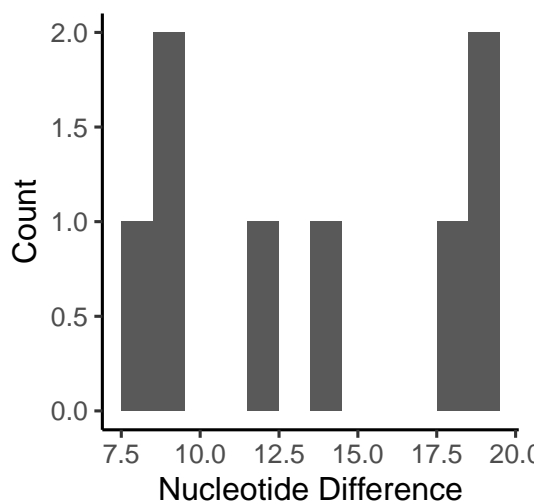
### IGHV4–NL\_42\*01\_S3070

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



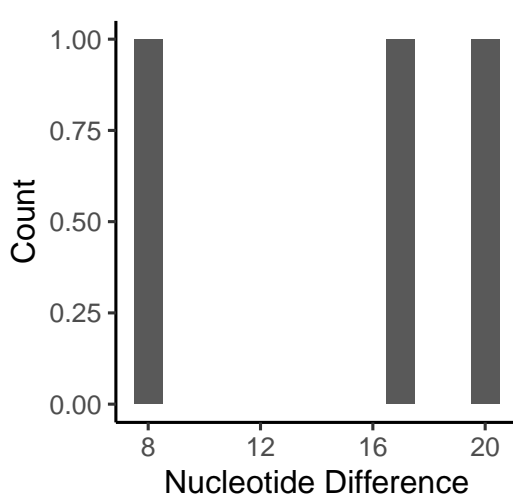
### IGHV4–NL\_34\*01\_S4637

8 sequences assigned  
No exact matches.



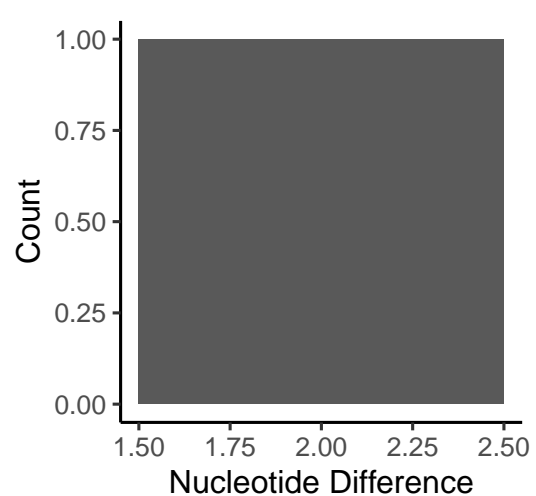
### IGHV4–NL\_4\*01\_S8866

3 sequences assigned  
No exact matches.



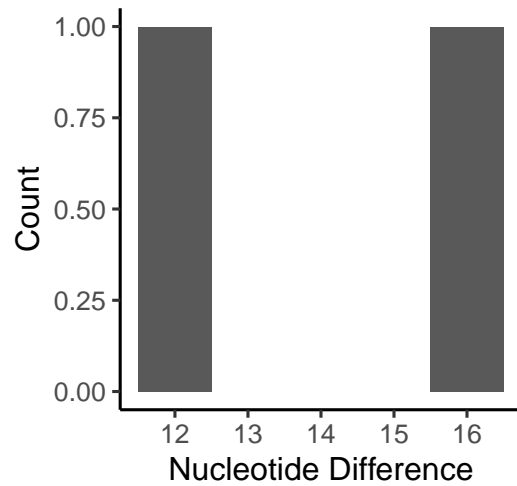
### IGHV4–NL\_42\*01\_S3572

1 sequences assigned  
No exact matches.



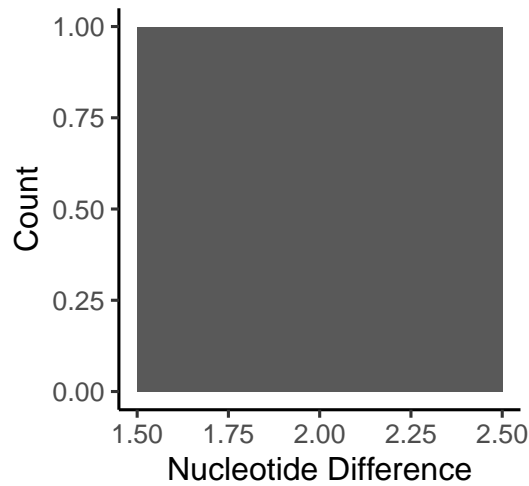
### IGHV4-NL\_43\*01\_S4510

5 sequences assigned  
No exact matches.



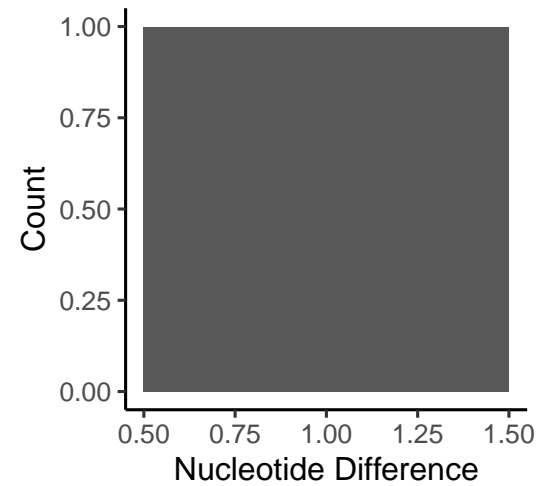
### IGHV4-NL\_6\*01\_S0677

1 sequences assigned  
No exact matches.



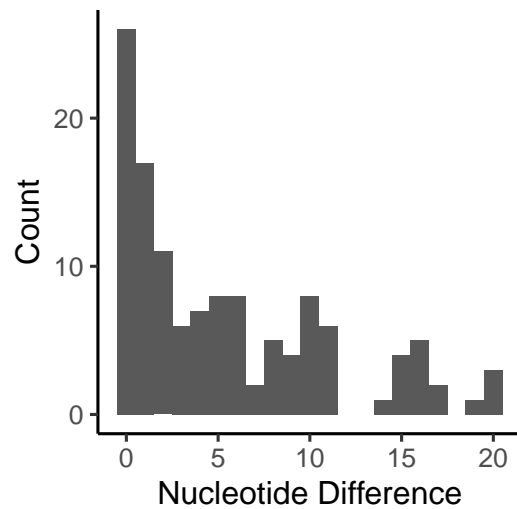
### IGHV4-NL\_9\*01\_S1435

2 sequences assigned  
No exact matches.



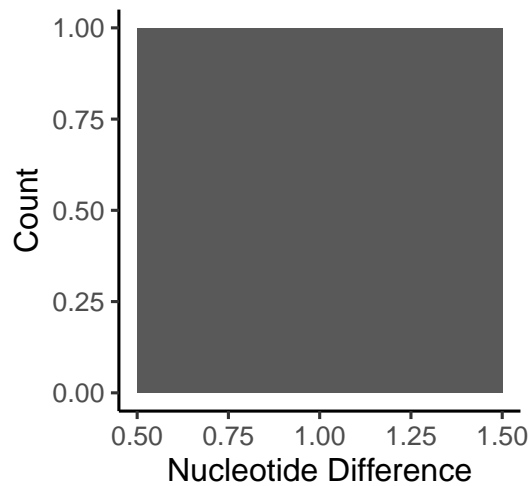
### IGHV4-NL\_5\*01\_S5158

130 sequences assigned  
26 (20%) exact matches, in which:  
19 unique CDR3  
6 unique J



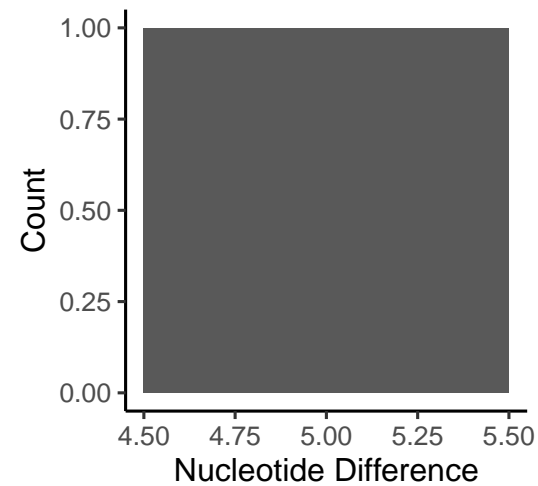
### IGHV4-NL\_6\*01\_S5805

1 sequences assigned  
No exact matches.



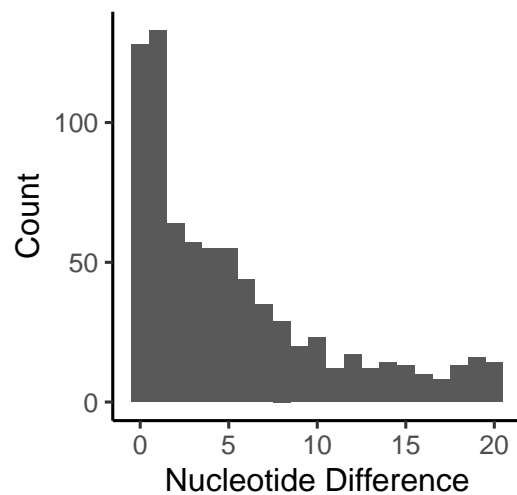
### IGHV4-NL\_9\*01\_S2406

1 sequences assigned  
No exact matches.



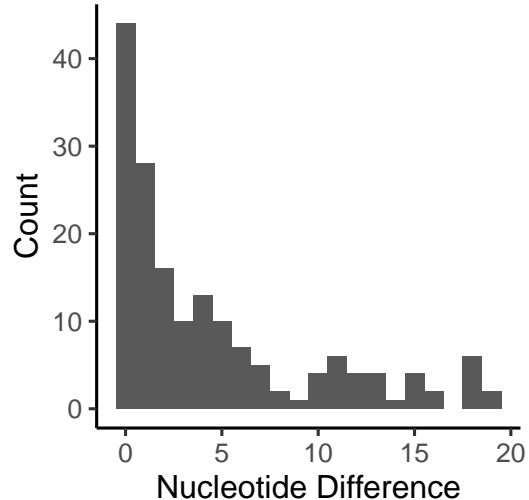
### IGHV4-NL\_5\*01\_S8645

812 sequences assigned  
128 (15.8%) exact matches, in which:  
94 unique CDR3  
6 unique J



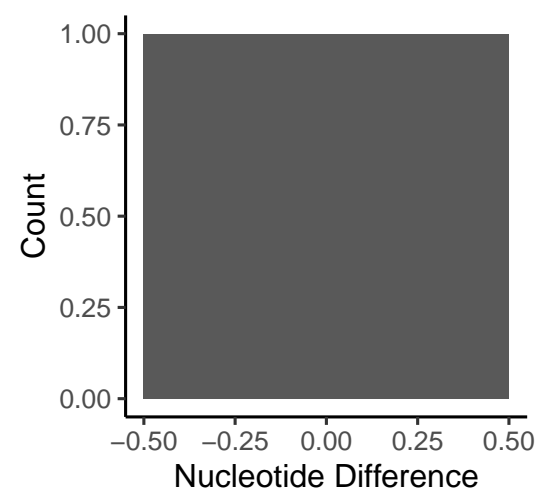
### IGHV4-NL\_7\*02\_S0143

176 sequences assigned  
44 (25%) exact matches, in which:  
34 unique CDR3  
7 unique J



### IGHV4-NL\_9\*01\_S3502

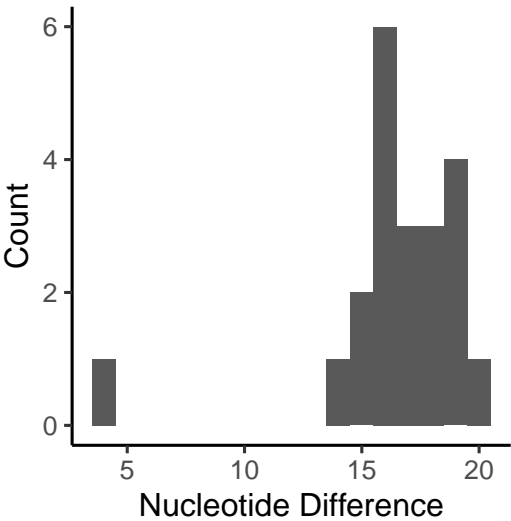
1 sequences assigned  
1 (100%) exact matches, in which:  
1 unique CDR3  
1 unique J





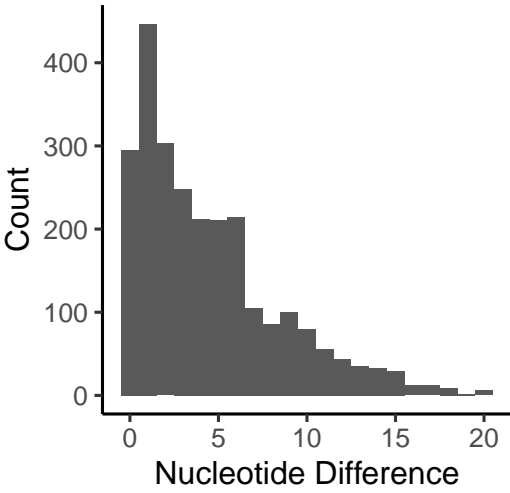
IGHV4–NL\_9\*01\_S4990

40 sequences assigned  
No exact matches.



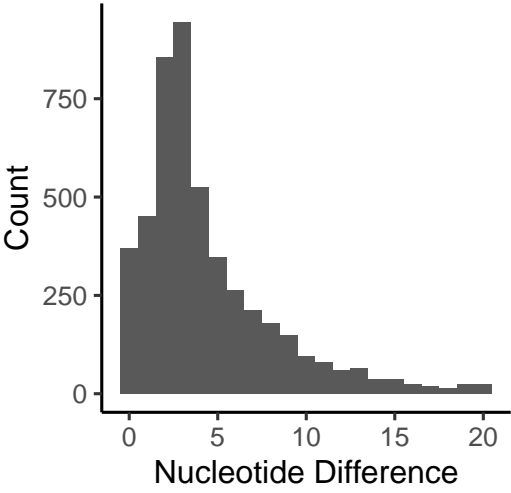
IGHV5–157\*02\_S3440

2579 sequences assigned  
295 (11.4%) exact matches, in which:  
128 unique CDR3  
7 unique J



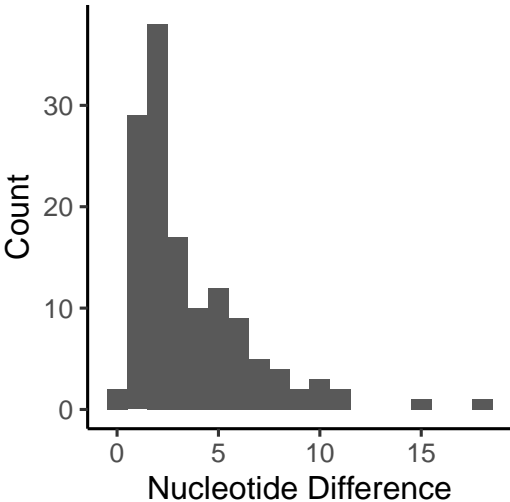
IGHV5–15\*01\_S9061

4845 sequences assigned  
369 (7.6%) exact matches, in which:  
160 unique CDR3  
6 unique J



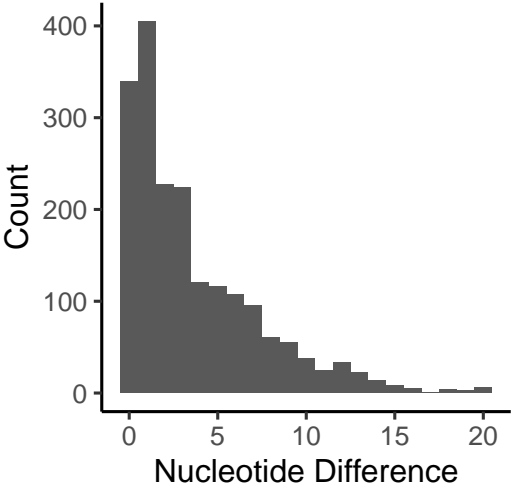
IGHV7–86\*01\_S0200

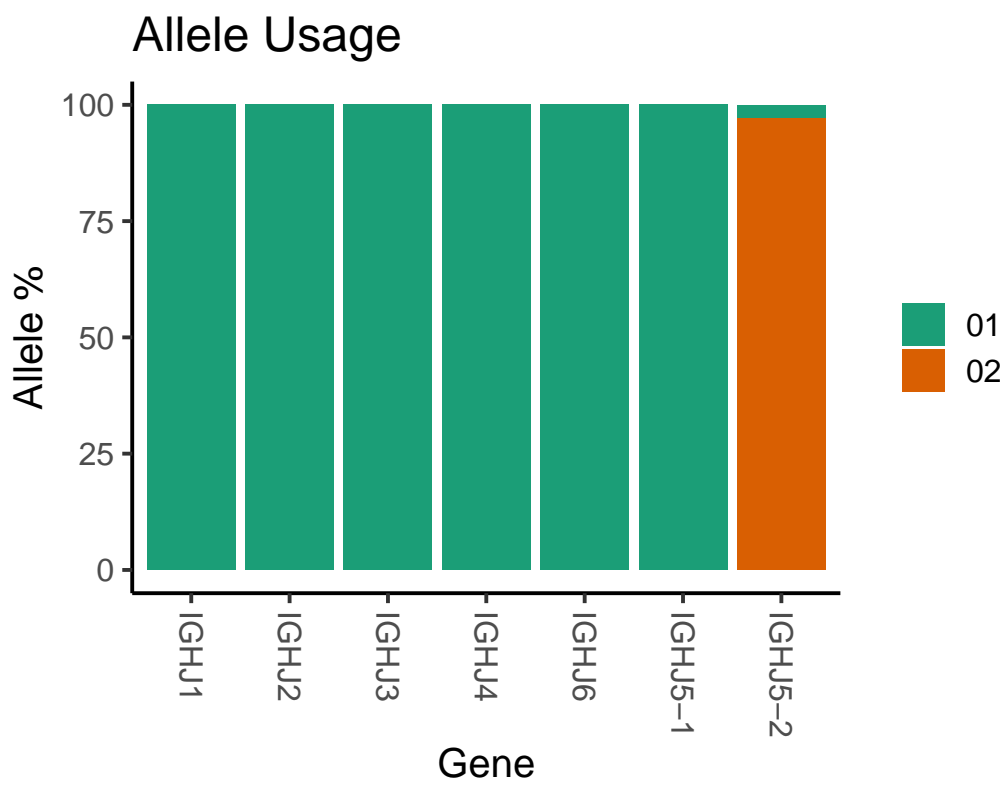
136 sequences assigned  
2 (1.5%) exact matches, in which:  
1 unique CDR3  
1 unique J



IGHV5–157\*01\_S5960

1933 sequences assigned  
339 (17.5%) exact matches, in which:  
166 unique CDR3  
7 unique J





Warning – no inferred sequences found.