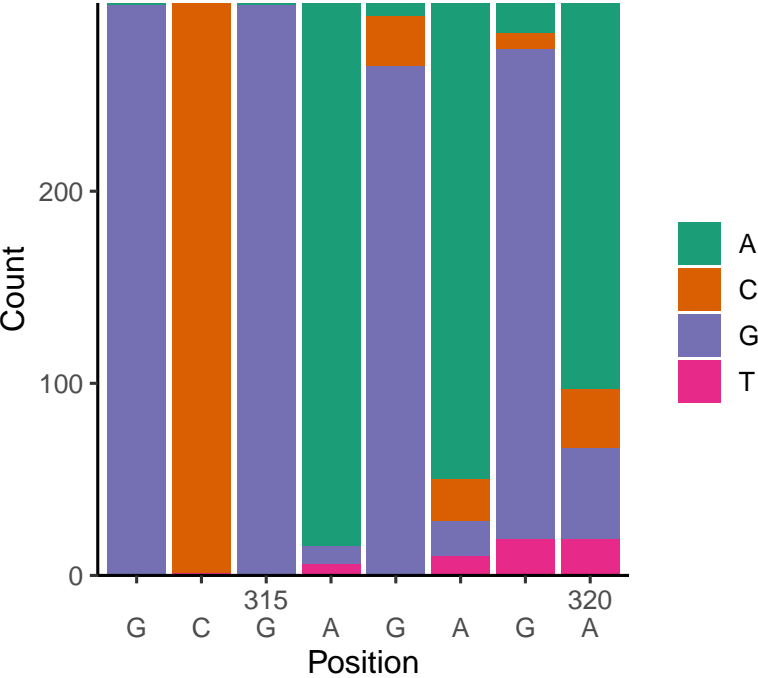


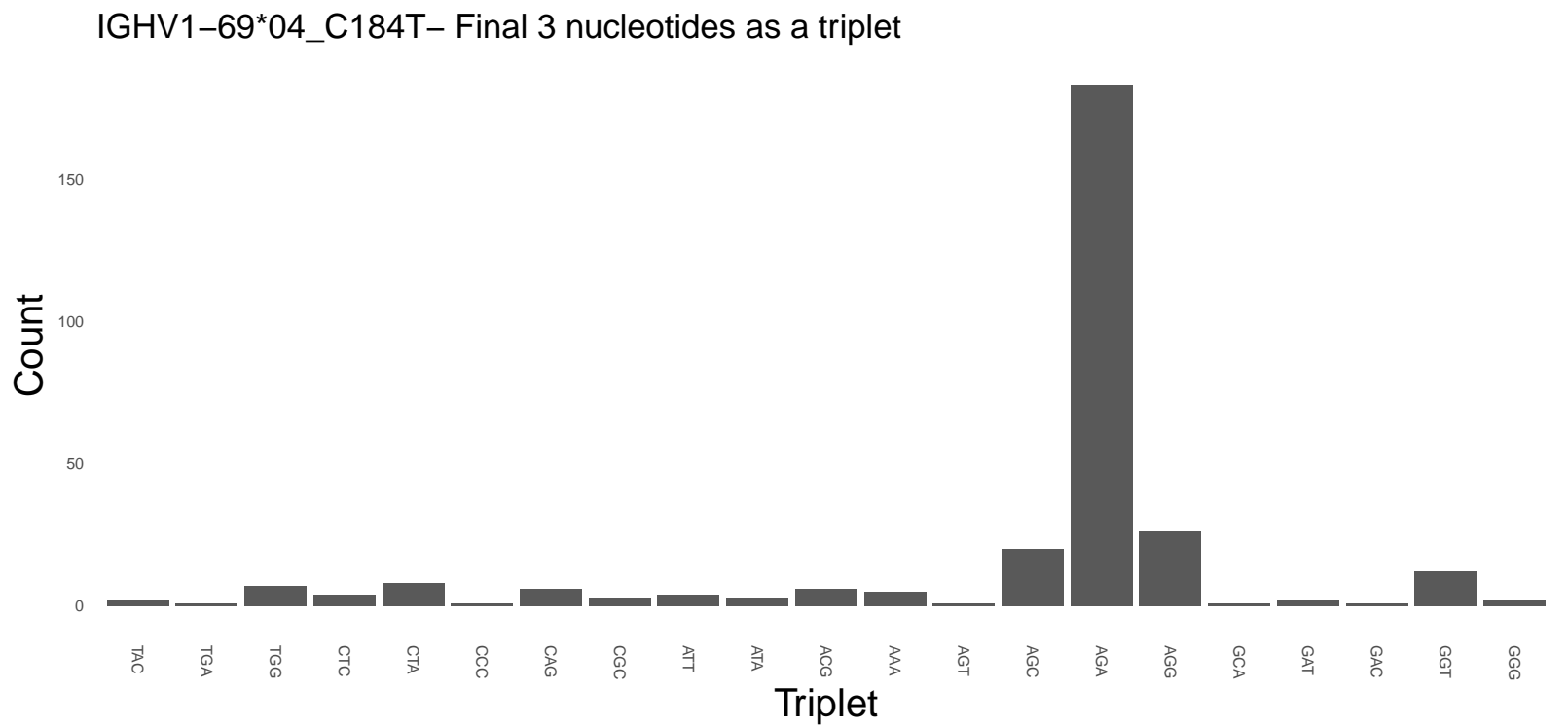
Gene IGHV1-69*04_C184T



Gene IGHV1-69*04_C184T

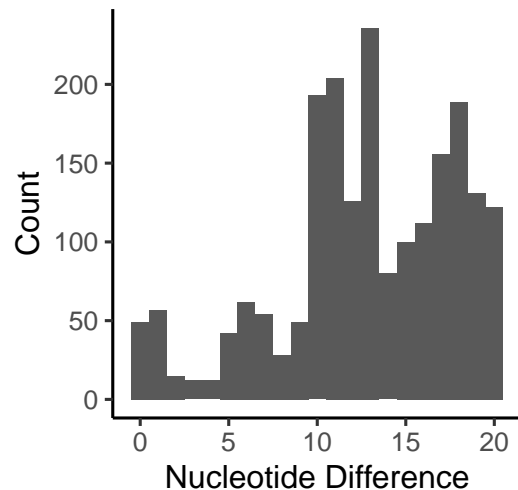


IGHV1-69*04_C184T- Final 3 nucleotides as a triplet



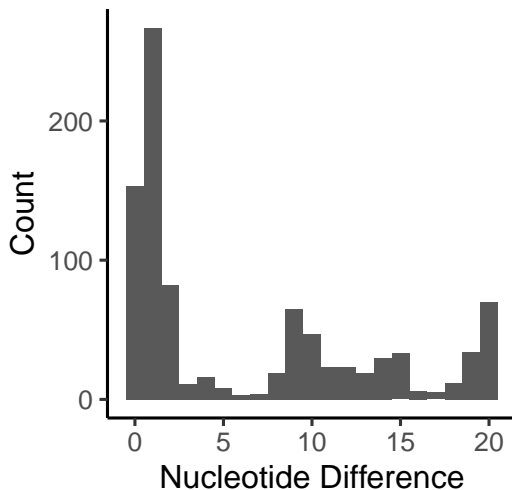
IGHV1–2*02

3040 sequences assigned
49 (1.6%) exact matches, in which:
34 unique CDR3
4 unique J



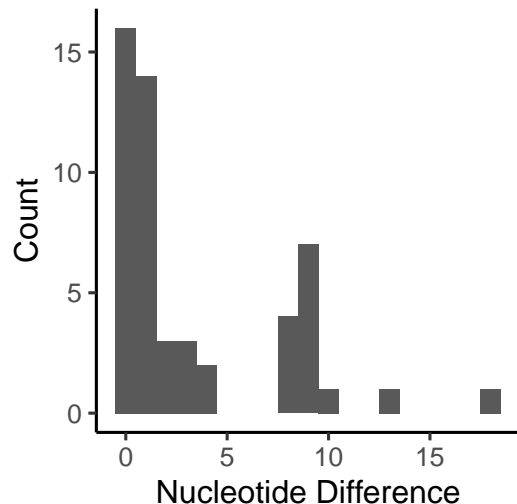
IGHV1–18*01

1016 sequences assigned
153 (15.1%) exact matches, in which:
98 unique CDR3
7 unique J



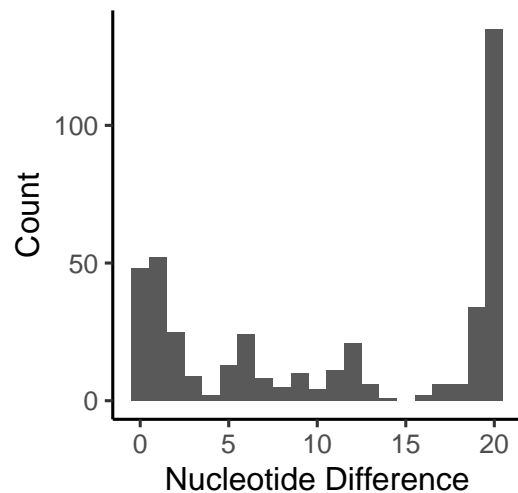
IGHV1–46*03

128 sequences assigned
16 (12.5%) exact matches, in which:
10 unique CDR3
2 unique J



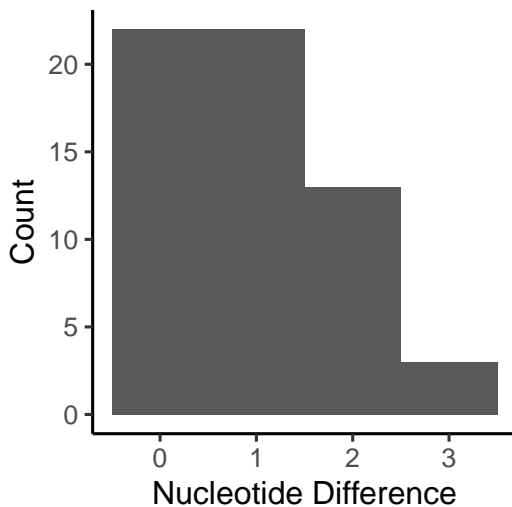
IGHV1–3*01

614 sequences assigned
48 (7.8%) exact matches, in which:
28 unique CDR3
4 unique J



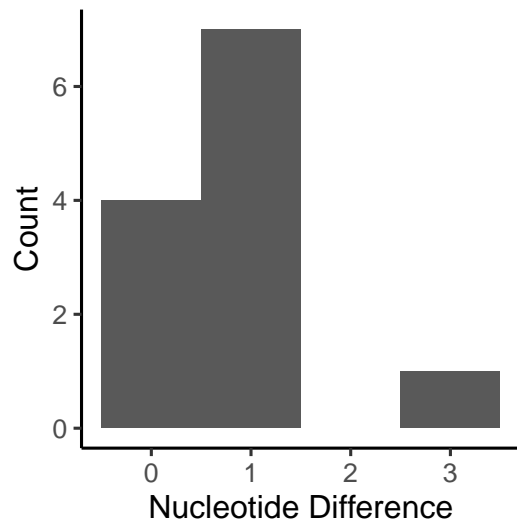
IGHV1–24*01

199 sequences assigned
22 (11.1%) exact matches, in which:
20 unique CDR3
5 unique J



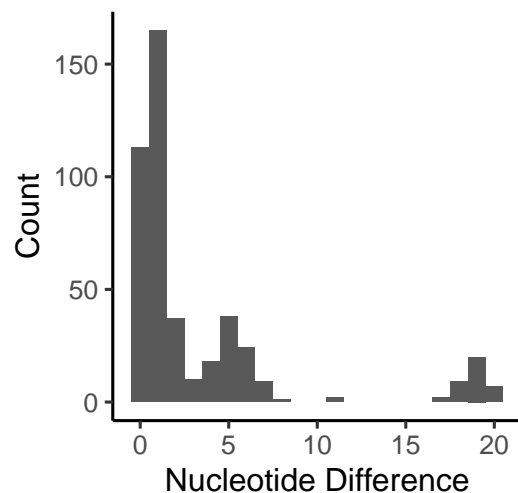
IGHV1–58*01

12 sequences assigned
4 (33.3%) exact matches, in which:
3 unique CDR3
2 unique J



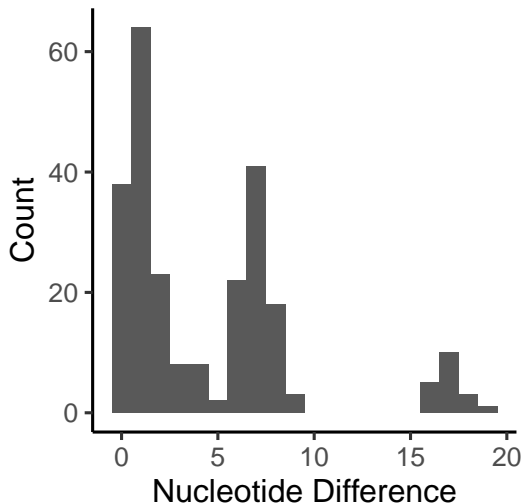
IGHV1–8*01

709 sequences assigned
113 (15.9%) exact matches, in which:
82 unique CDR3
6 unique J



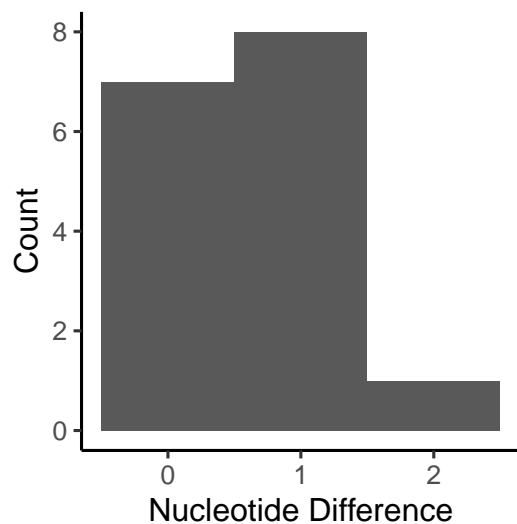
IGHV1–46*01

359 sequences assigned
38 (10.6%) exact matches, in which:
24 unique CDR3
5 unique J



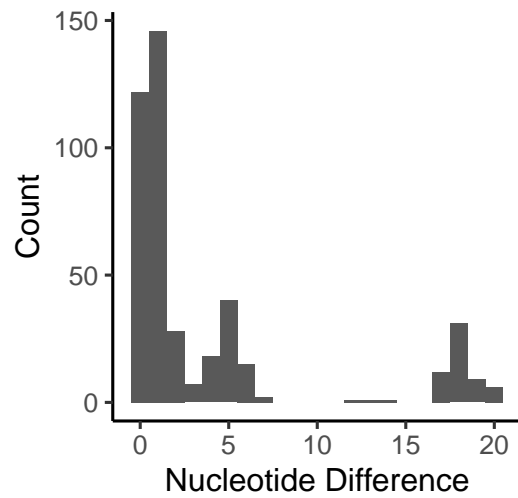
IGHV1–58*02

16 sequences assigned
7 (43.8%) exact matches, in which:
4 unique CDR3
3 unique J



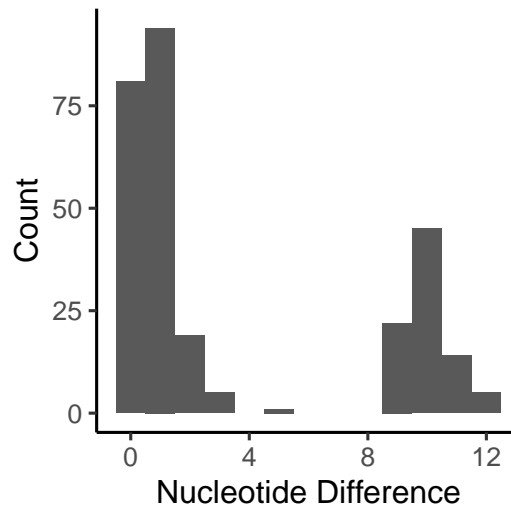
IGHV1-69*01

544 sequences assigned
122 (22.4%) exact matches, in which:
107 unique CDR3
5 unique J



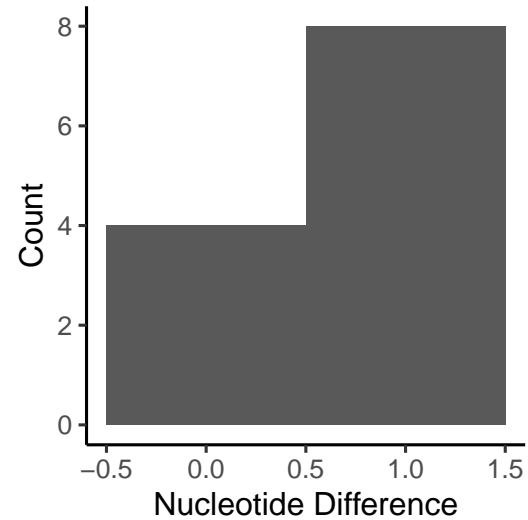
IGHV1-69*04_C184T

298 sequences assigned
81 (27.2%) exact matches, in which:
66 unique CDR3
6 unique J



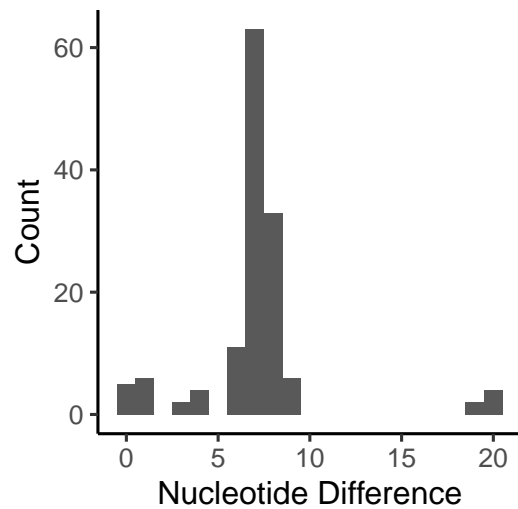
IGHV2-26*01

12 sequences assigned
4 (33.3%) exact matches, in which:
2 unique CDR3
1 unique J



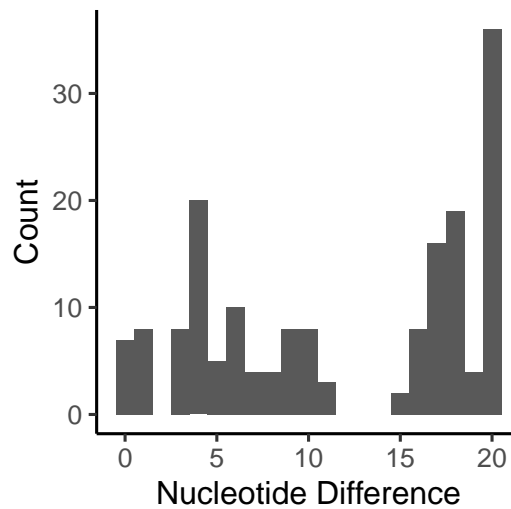
IGHV1-69-2*01

237 sequences assigned
5 (2.1%) exact matches, in which:
5 unique CDR3
1 unique J



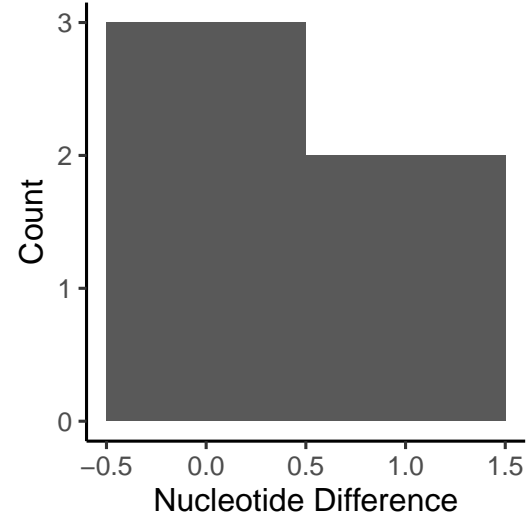
IGHV2-5*01

311 sequences assigned
7 (2.3%) exact matches, in which:
6 unique CDR3
4 unique J



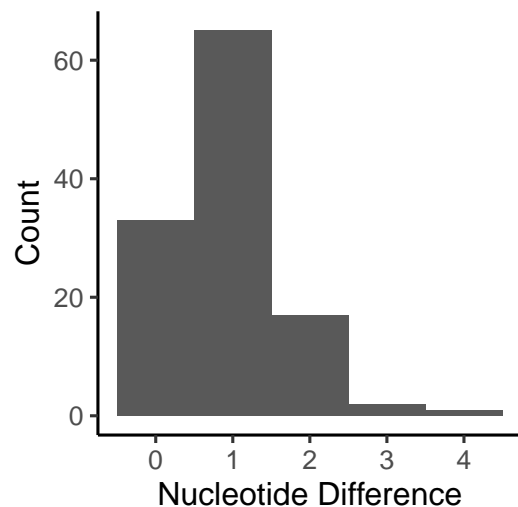
IGHV2-70*01

5 sequences assigned
3 (60%) exact matches, in which:
2 unique CDR3
2 unique J



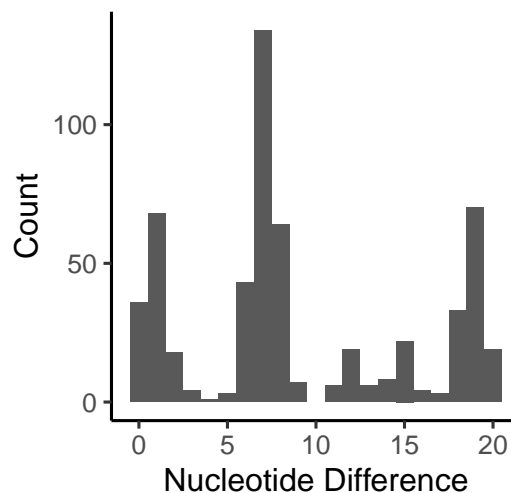
IGHV1-69*02

118 sequences assigned
33 (28%) exact matches, in which:
27 unique CDR3
4 unique J



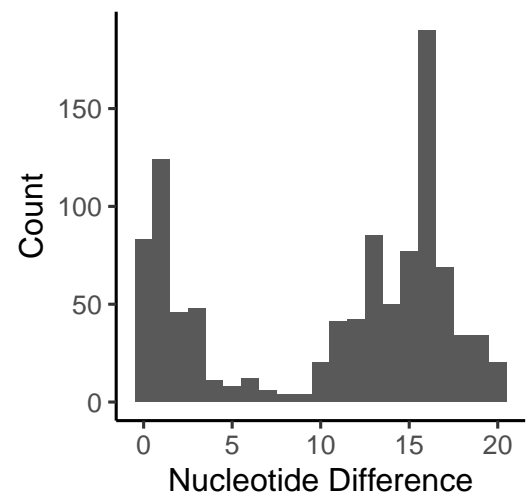
IGHV2-5*02

577 sequences assigned
36 (6.2%) exact matches, in which:
22 unique CDR3
3 unique J



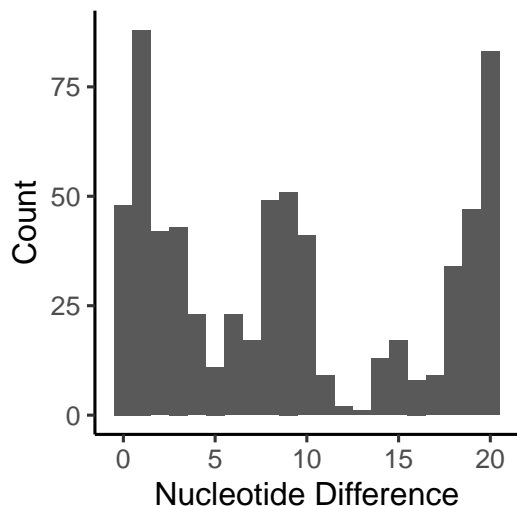
IGHV3-7*01

1085 sequences assigned
83 (7.6%) exact matches, in which:
65 unique CDR3
7 unique J



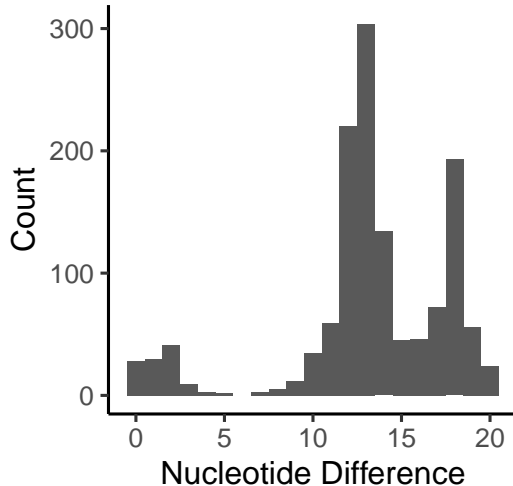
IGHV3-9*01

1059 sequences assigned
48 (4.5%) exact matches, in which:
37 unique CDR3
5 unique J



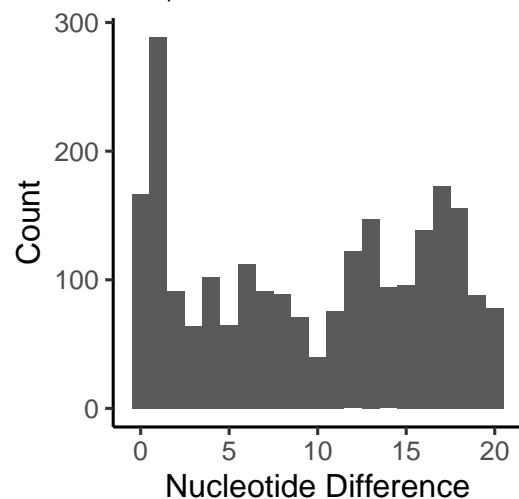
IGHV3-15*01

1354 sequences assigned
28 (2.1%) exact matches, in which:
26 unique CDR3
4 unique J



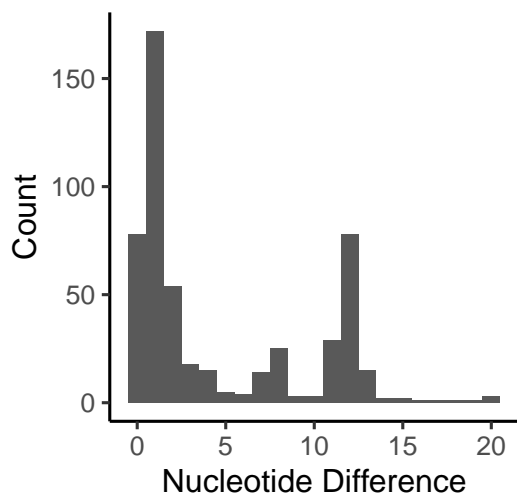
IGHV3-23*01

2889 sequences assigned
167 (5.8%) exact matches, in which:
133 unique CDR3
7 unique J



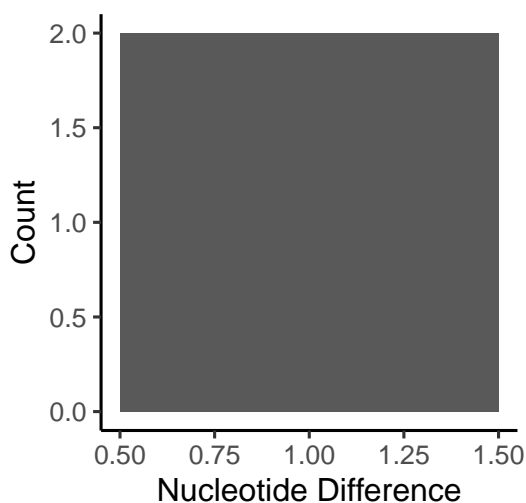
IGHV3-11*01

577 sequences assigned
78 (13.5%) exact matches, in which:
53 unique CDR3
5 unique J



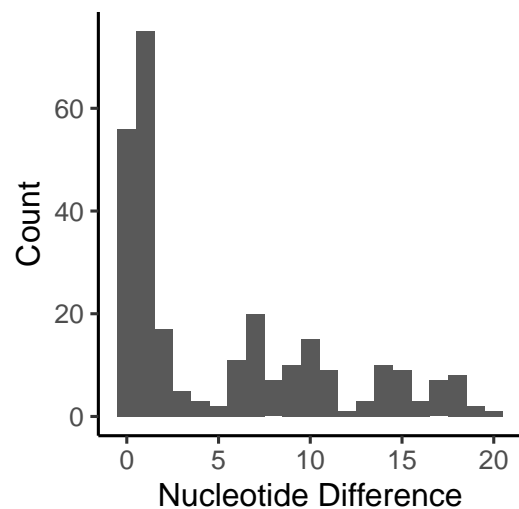
IGHV3-20*01

2 sequences assigned
No exact matches.



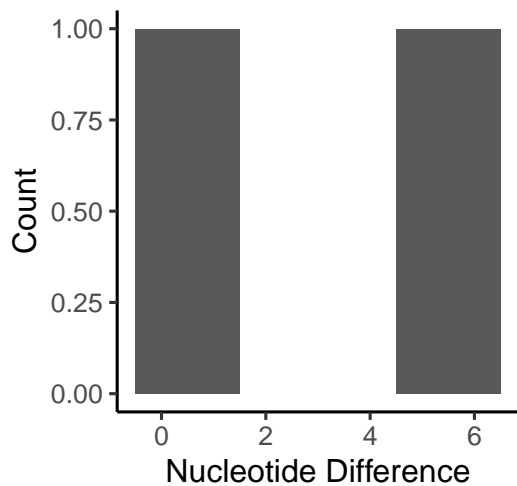
IGHV3-30-3*01

469 sequences assigned
56 (11.9%) exact matches, in which:
36 unique CDR3
6 unique J



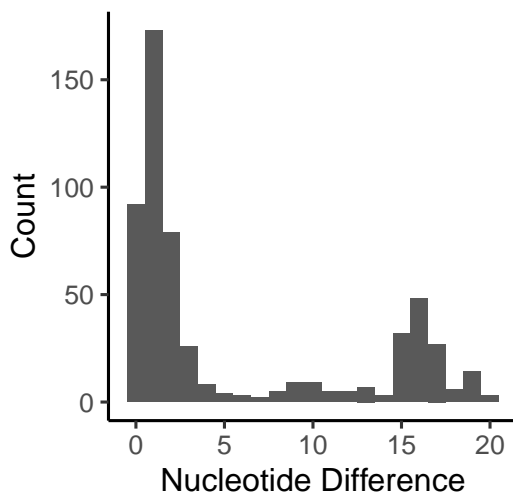
IGHV3-13*01

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



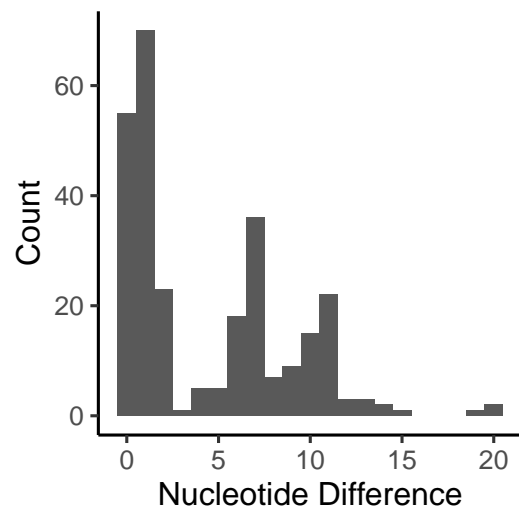
IGHV3-21*01

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



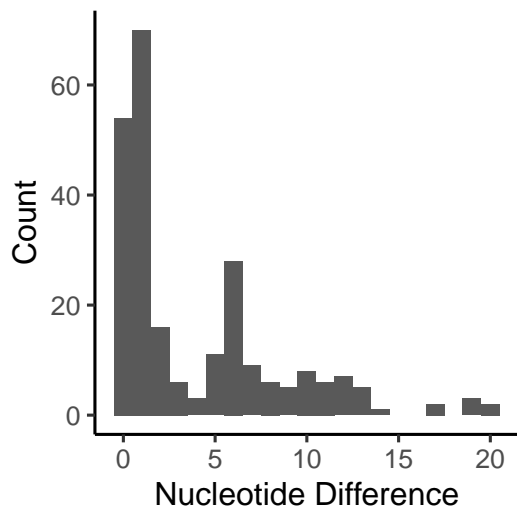
IGHV3-30*18

553 sequences assigned
55 (9.9%) exact matches, in which:
48 unique CDR3
4 unique J



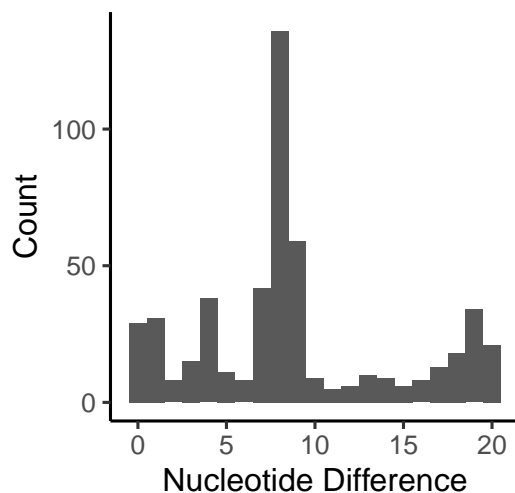
IGHV3-33*01

270 sequences assigned
54 (20%) exact matches, in which:
37 unique CDR3
3 unique J



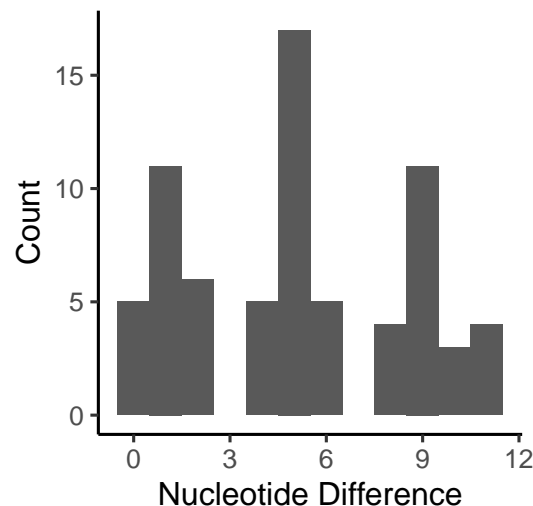
IGHV3-48*01

518 sequences assigned
29 (5.6%) exact matches, in which:
20 unique CDR3
4 unique J



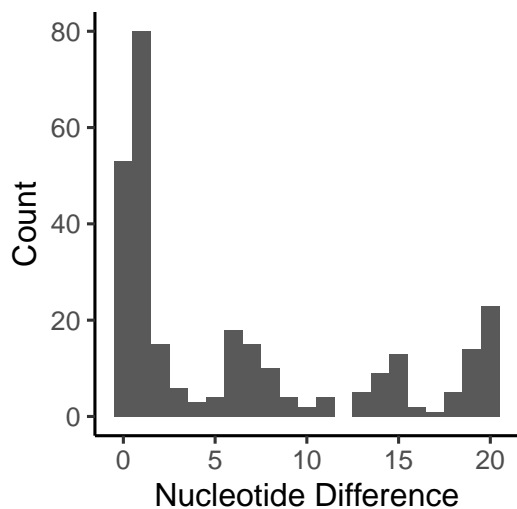
IGHV3-49*05

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



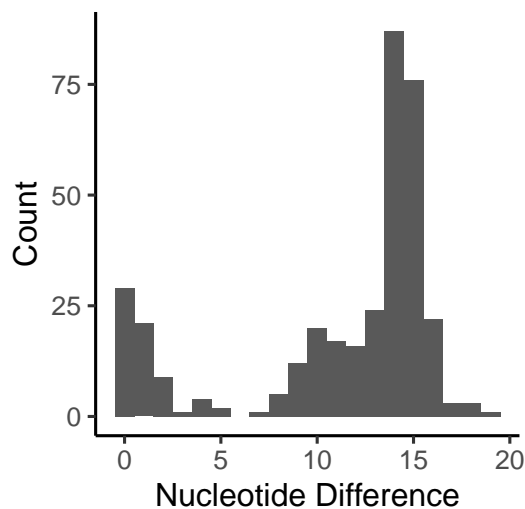
IGHV3-33*08

667 sequences assigned
53 (7.9%) exact matches, in which:
42 unique CDR3
4 unique J



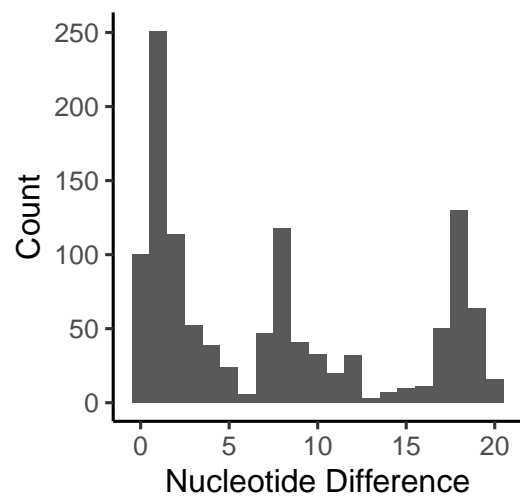
IGHV3-48*02

403 sequences assigned
29 (7.2%) exact matches, in which:
20 unique CDR3
6 unique J



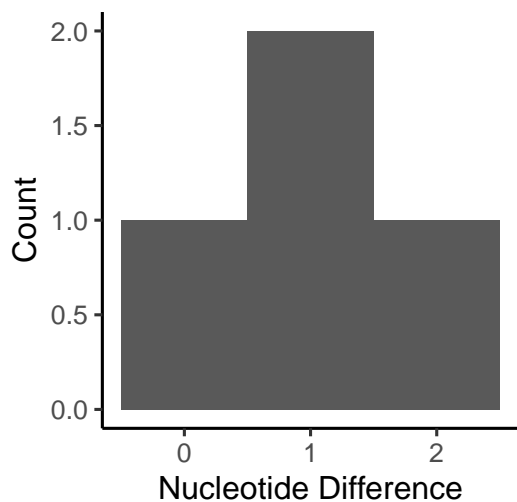
IGHV3-53*01

1532 sequences assigned
100 (6.5%) exact matches, in which:
71 unique CDR3
6 unique J



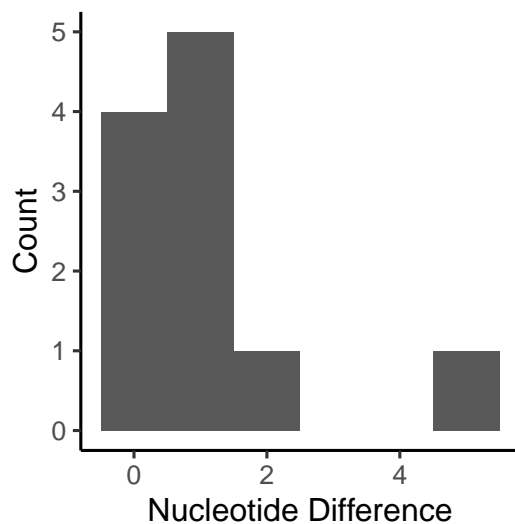
IGHV3-43*01

23 sequences assigned
1 (4.3%) exact matches, in which:
1 unique CDR3
1 unique J



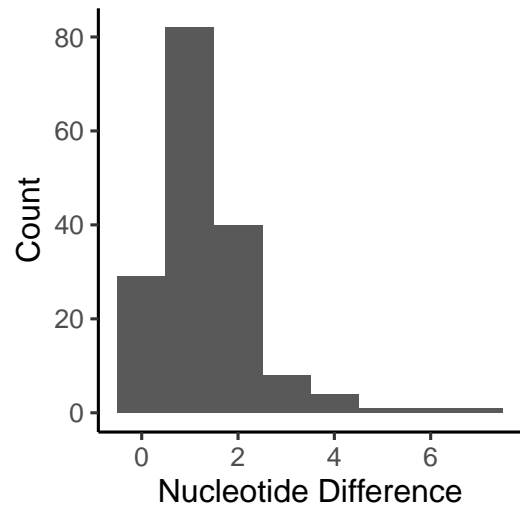
IGHV3-49*03

11 sequences assigned
4 (36.4%) exact matches, in which:
4 unique CDR3
3 unique J



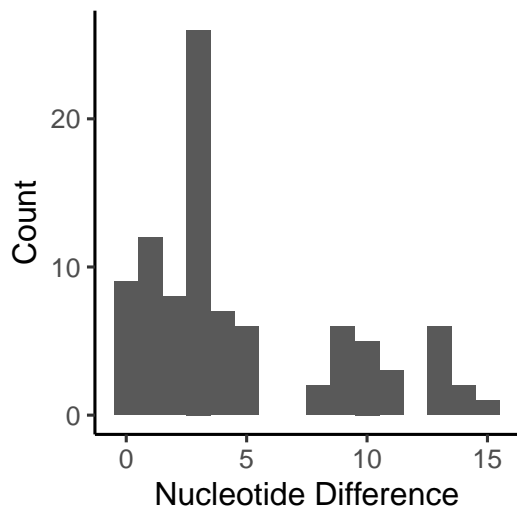
IGHV3-64*01

166 sequences assigned
29 (17.5%) exact matches, in which:
19 unique CDR3
2 unique J



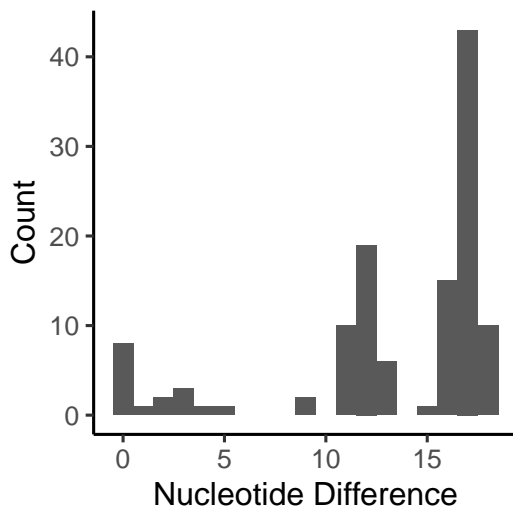
IGHV3-66*02

99 sequences assigned
9 (9.1%) exact matches, in which:
9 unique CDR3
5 unique J



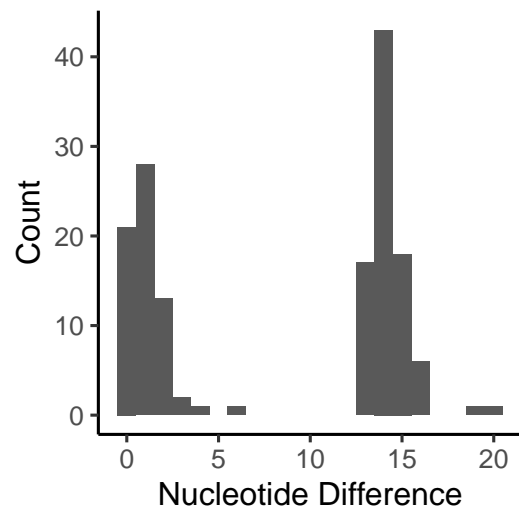
IGHV3-73*02

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



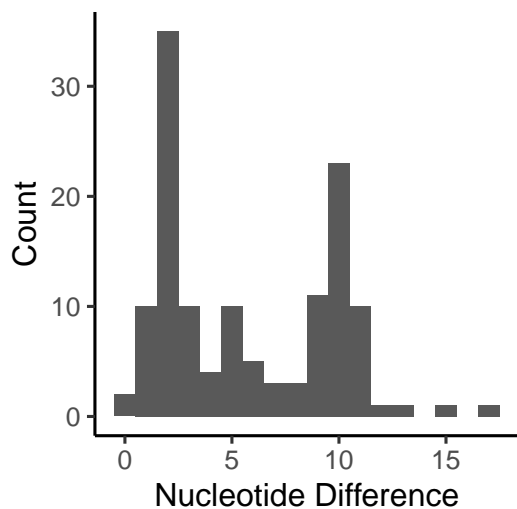
IGHV4-30-4*01

250 sequences assigned
21 (8.4%) exact matches, in which:
15 unique CDR3
3 unique J



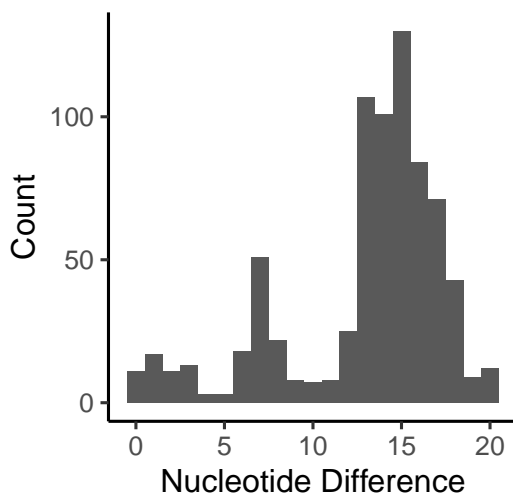
IGHV3-72*01

186 sequences assigned
2 (1.1%) exact matches, in which:
1 unique CDR3
1 unique J



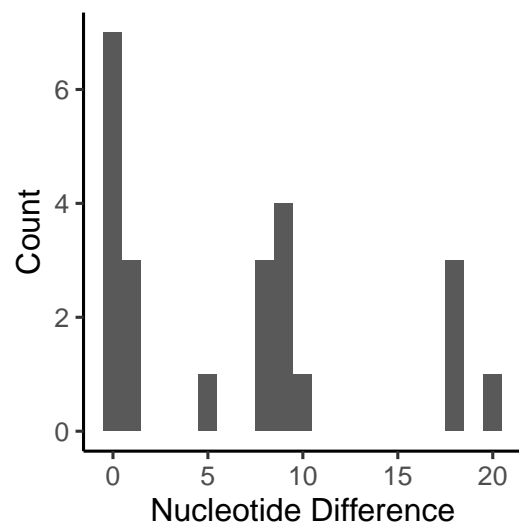
IGHV3-74*01

961 sequences assigned
11 (1.1%) exact matches, in which:
10 unique CDR3
4 unique J



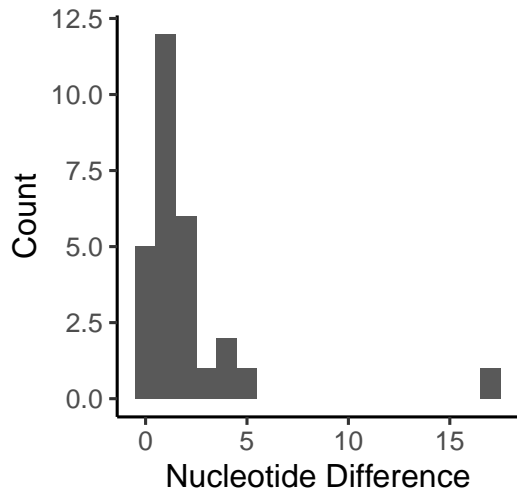
IGHV4-30-2*01

25 sequences assigned
7 (28%) exact matches, in which:
5 unique CDR3
3 unique J



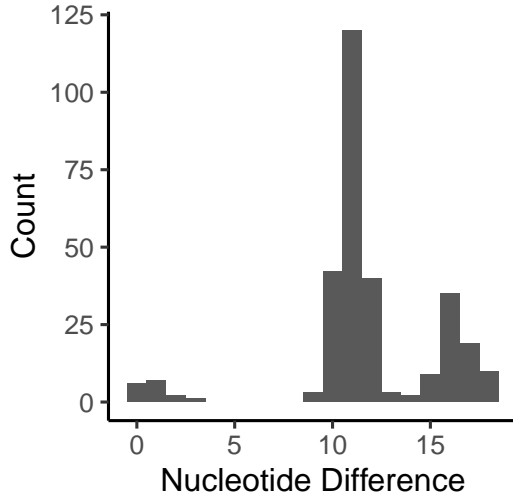
IGHV3-73*01

28 sequences assigned
5 (17.9%) exact matches, in which:
4 unique CDR3
2 unique J



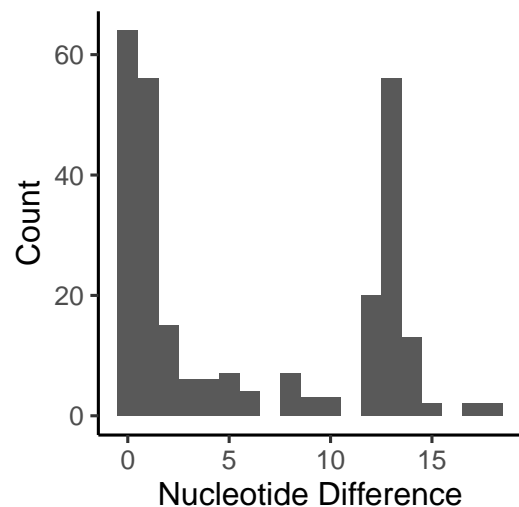
IGHV4-4*07

441 sequences assigned
6 (1.4%) exact matches, in which:
4 unique CDR3
3 unique J



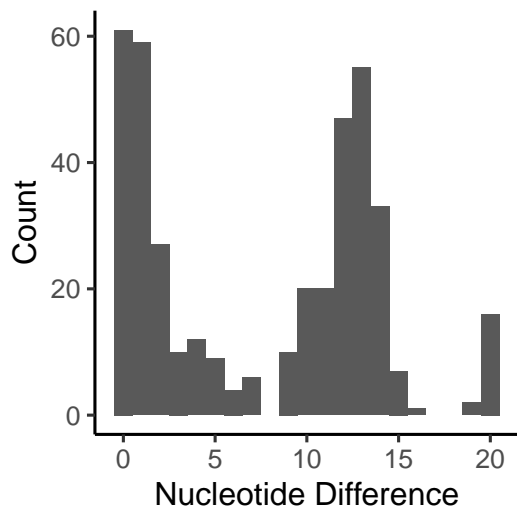
IGHV4-31*03

279 sequences assigned
64 (22.9%) exact matches, in which:
36 unique CDR3
5 unique J



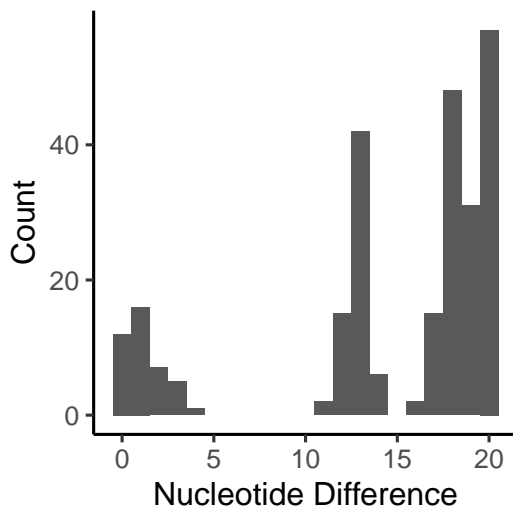
IGHV4-34*01

887 sequences assigned
61 (6.9%) exact matches, in which:
56 unique CDR3
6 unique J



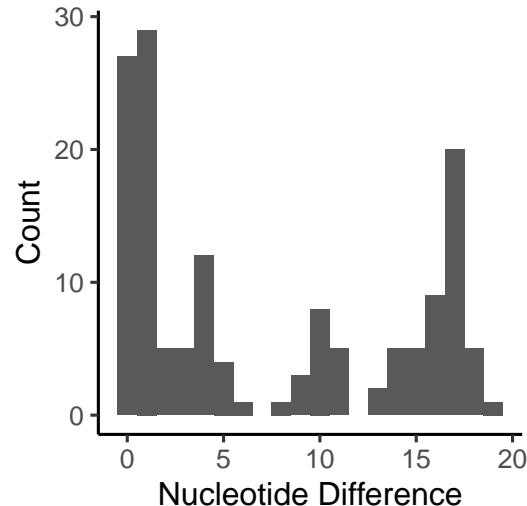
IGHV4-61*01

273 sequences assigned
12 (4.4%) exact matches, in which:
7 unique CDR3
2 unique J



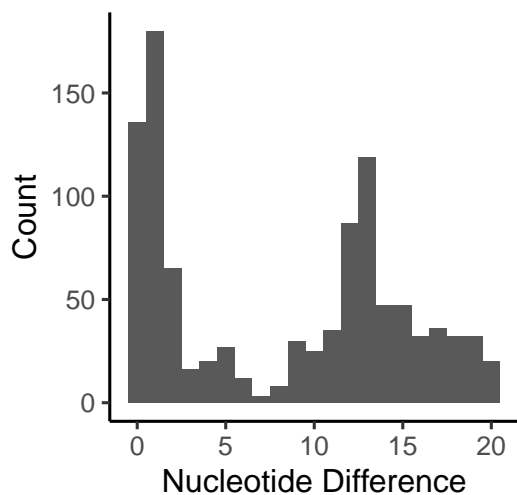
IGHV5-51*03

192 sequences assigned
27 (14.1%) exact matches, in which:
23 unique CDR3
4 unique J



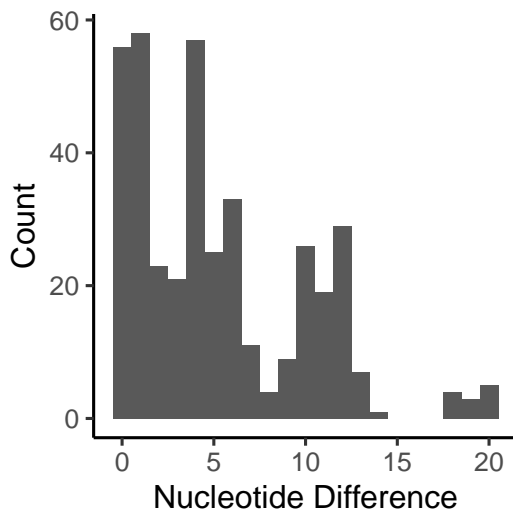
IGHV4-39*01

1288 sequences assigned
136 (10.6%) exact matches, in which:
103 unique CDR3
7 unique J



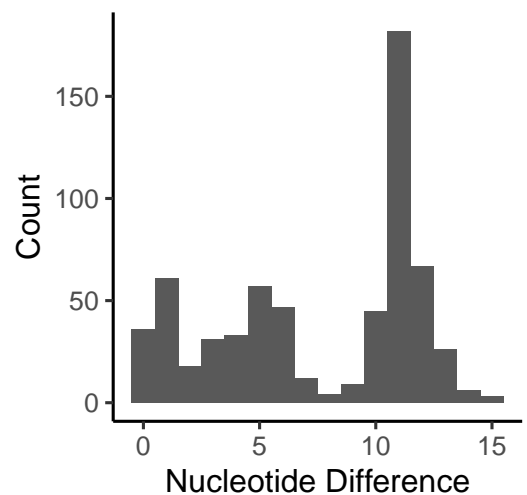
IGHV4-61*02

521 sequences assigned
56 (10.7%) exact matches, in which:
32 unique CDR3
6 unique J



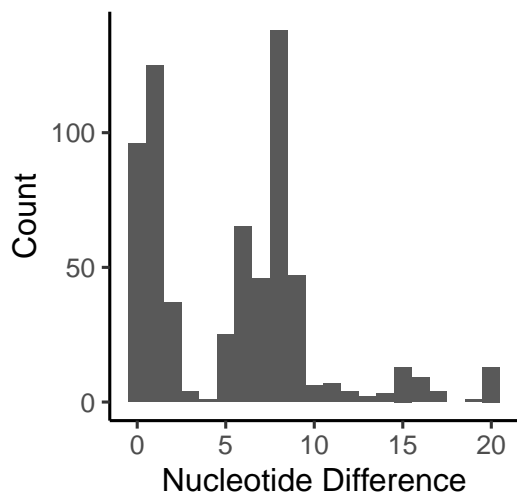
IGHV6-1*01

637 sequences assigned
36 (5.7%) exact matches, in which:
18 unique CDR3
4 unique J



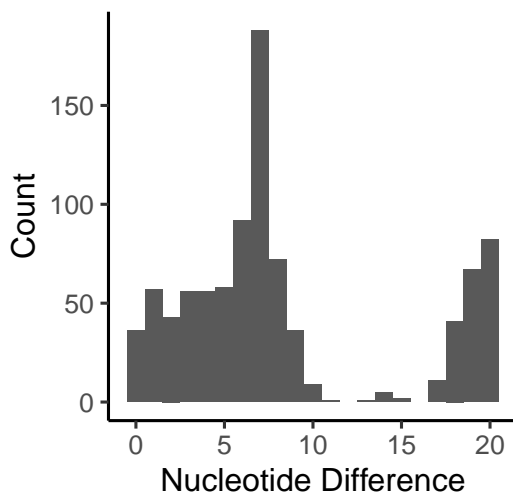
IGHV4-59*01

1236 sequences assigned
96 (7.8%) exact matches, in which:
68 unique CDR3
5 unique J



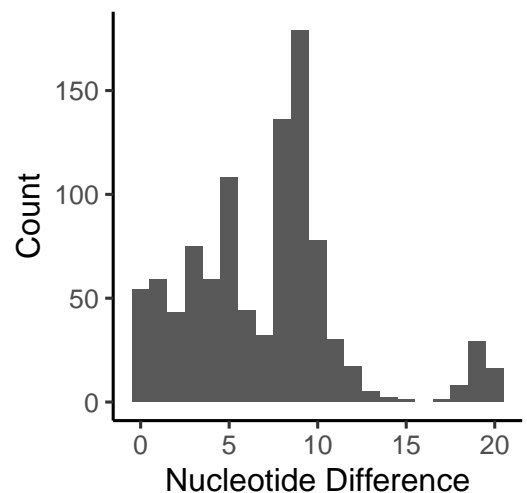
IGHV5-51*01

1158 sequences assigned
36 (3.1%) exact matches, in which:
32 unique CDR3
4 unique J

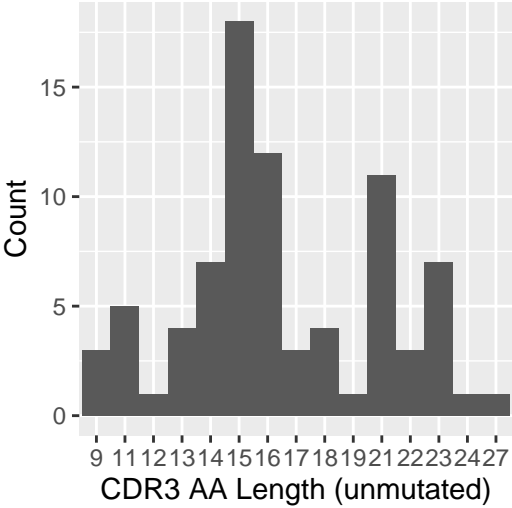


IGHV7-4-1*02

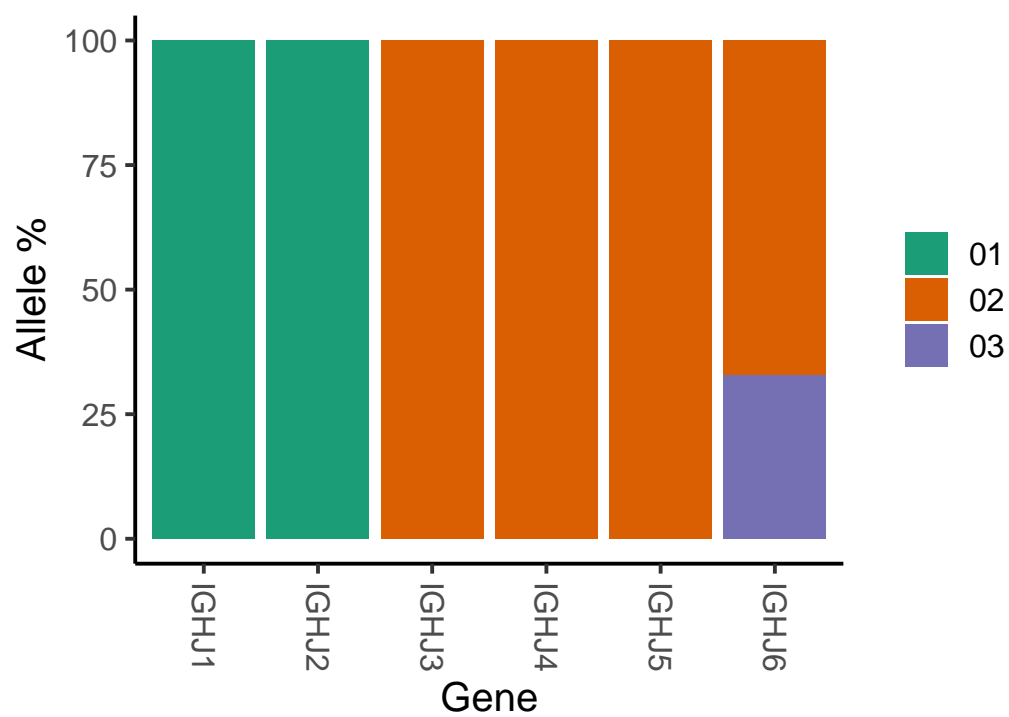
1037 sequences assigned
54 (5.2%) exact matches, in which:
32 unique CDR3
6 unique J



IGHV1-69*04_C184T



Allele Usage



Sequence Count by IGHJ6 allele usage

