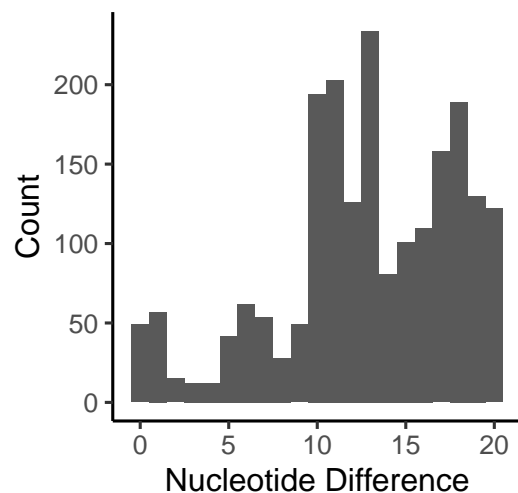


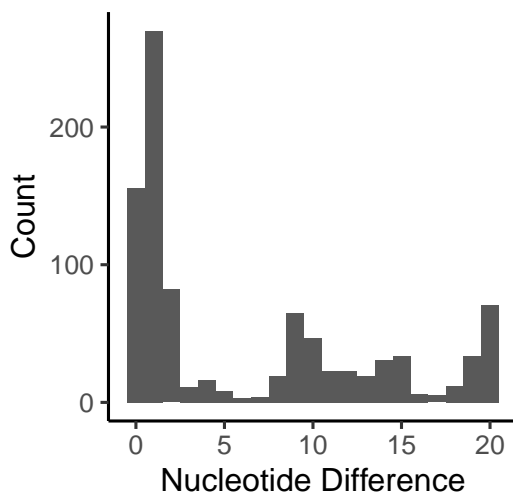
IGHV1–2*02

3041 sequences assigned
49 (1.6%) exact matches, in which:
34 unique CDR3
4 unique J



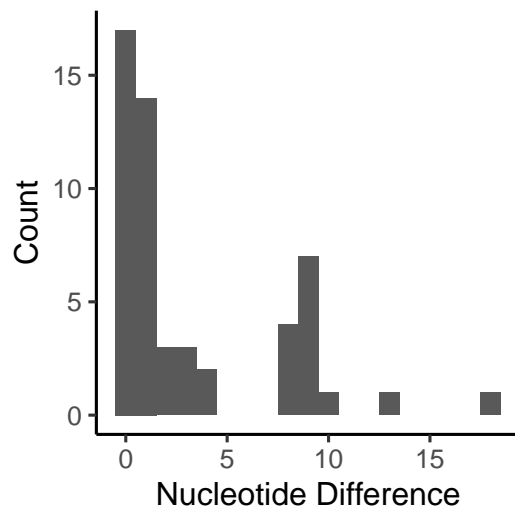
IGHV1–18*01

1025 sequences assigned
156 (15.2%) exact matches, in which:
99 unique CDR3
7 unique J



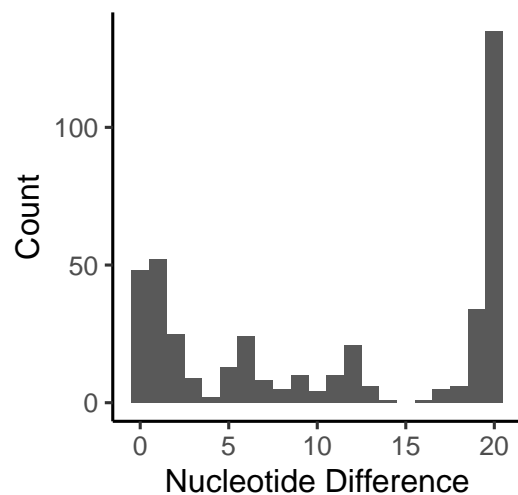
IGHV1–46*03

129 sequences assigned
17 (13.2%) exact matches, in which:
10 unique CDR3
2 unique J



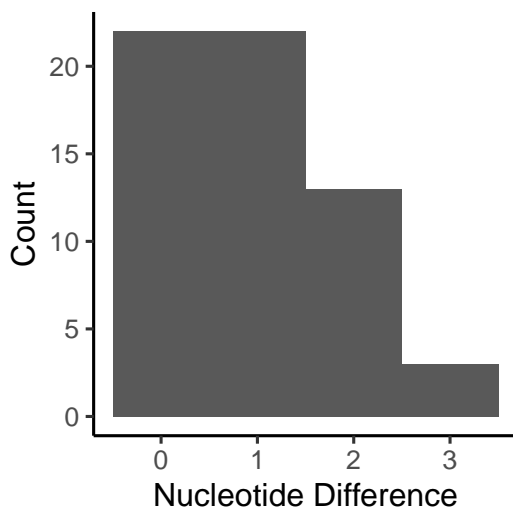
IGHV1–3*01

611 sequences assigned
48 (7.9%) exact matches, in which:
28 unique CDR3
4 unique J



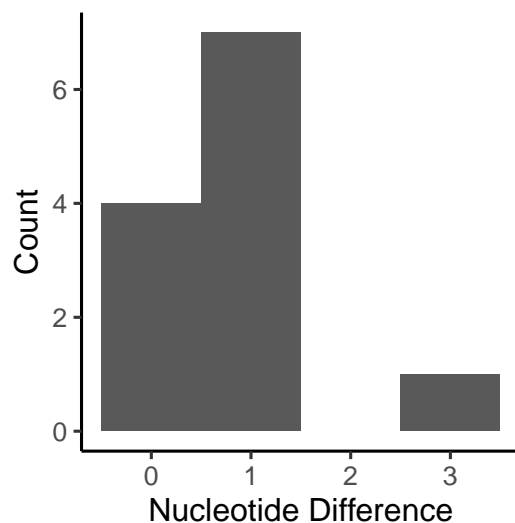
IGHV1–24*01

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



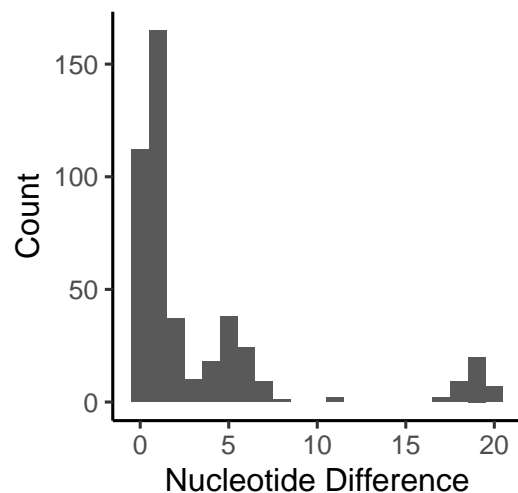
IGHV1–58*01

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



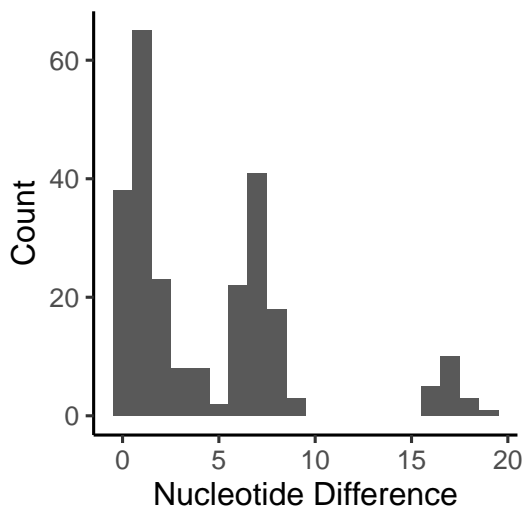
IGHV1–8*01

710 sequences assigned
112 (15.8%) exact matches, in which:
81 unique CDR3
6 unique J



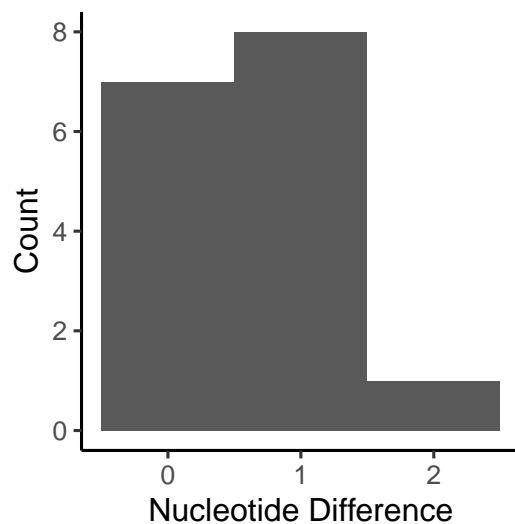
IGHV1–46*01

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



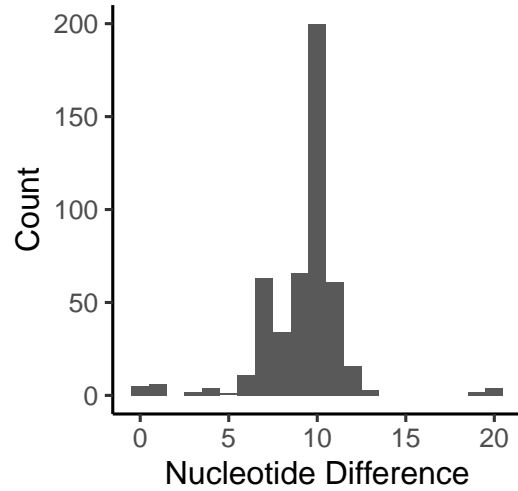
IGHV1–58*02

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



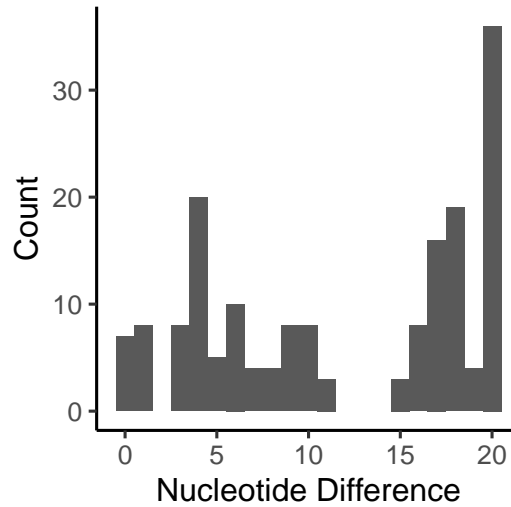
IGHV1-69-2*01

580 sequences assigned
5 (0.9%) exact matches, in which:
5 unique CDR3
1 unique J



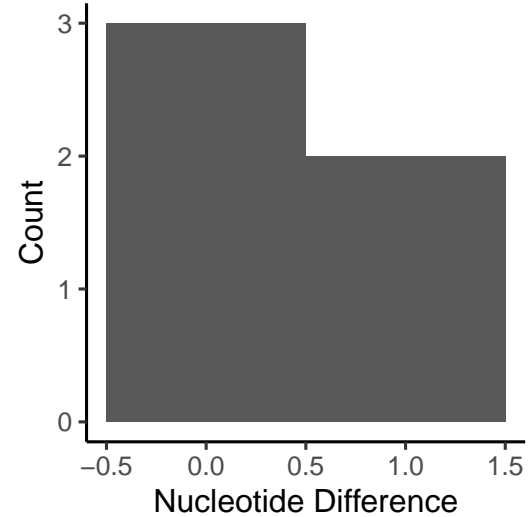
IGHV2-5*01

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



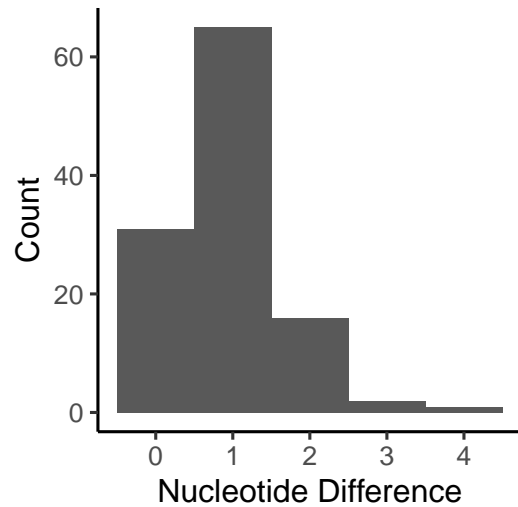
IGHV2-70*01

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



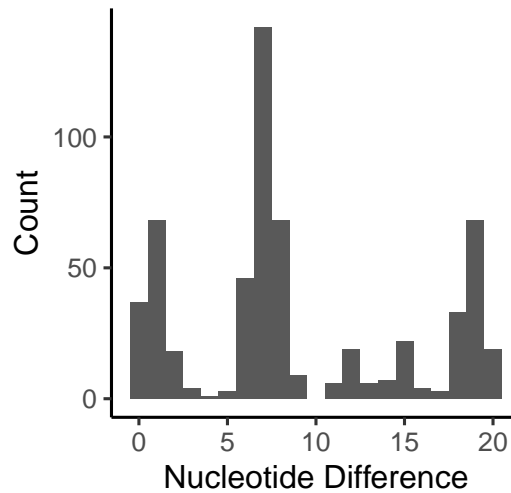
IGHV1-69*02

115 sequences assigned
31 (27%) exact matches, in which:
26 unique CDR3
4 unique J



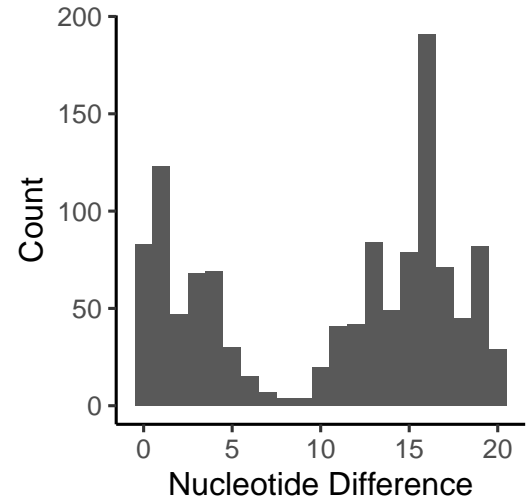
IGHV2-5*02

592 sequences assigned
37 (6.2%) exact matches, in which:
22 unique CDR3
3 unique J



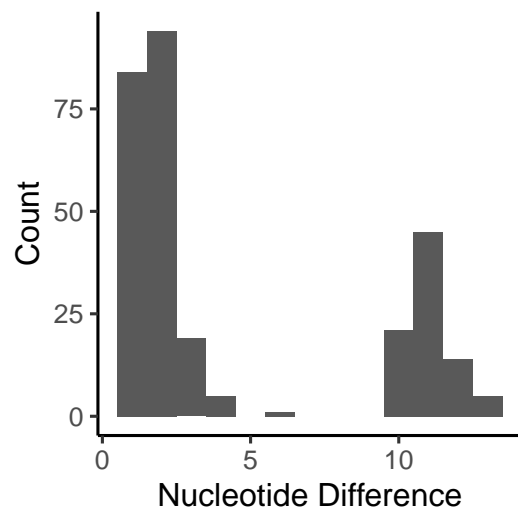
IGHV3-7*01

1300 sequences assigned
83 (6.4%) exact matches, in which:
65 unique CDR3
7 unique J



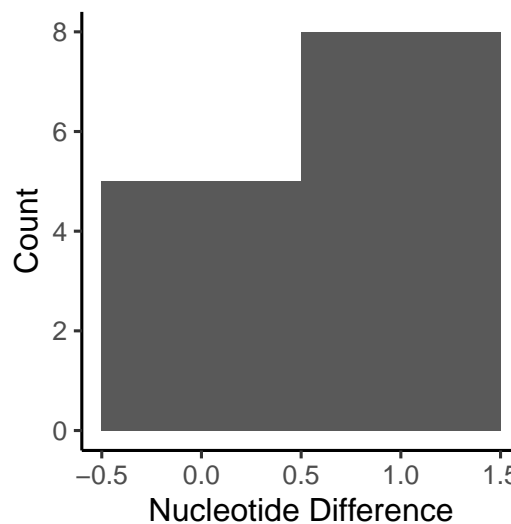
IGHV1-69*04

301 sequences assigned
No exact matches.



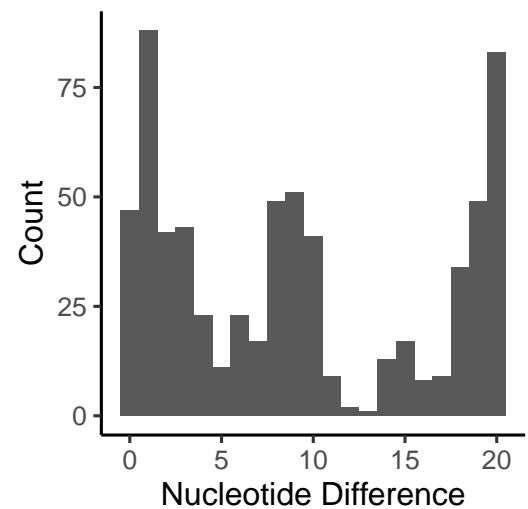
IGHV2-26*01

13 sequences assigned
5 (38.5%) exact matches, in which:
3 unique CDR3
1 unique J



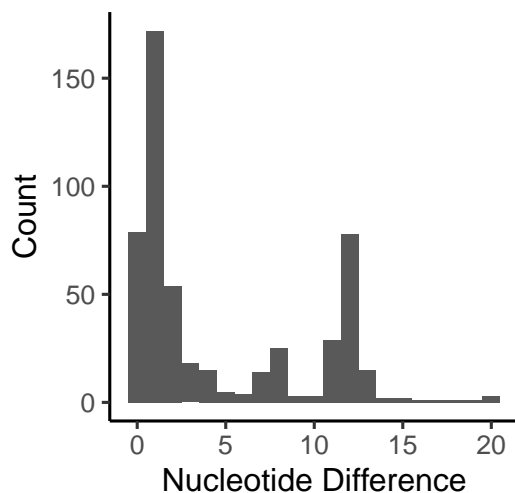
IGHV3-9*01

1069 sequences assigned
47 (4.4%) exact matches, in which:
37 unique CDR3
5 unique J



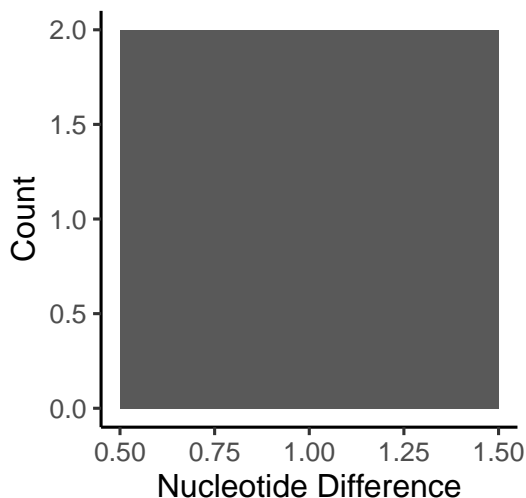
IGHV3-11*01

578 sequences assigned
79 (13.7%) exact matches, in which:
54 unique CDR3
5 unique J



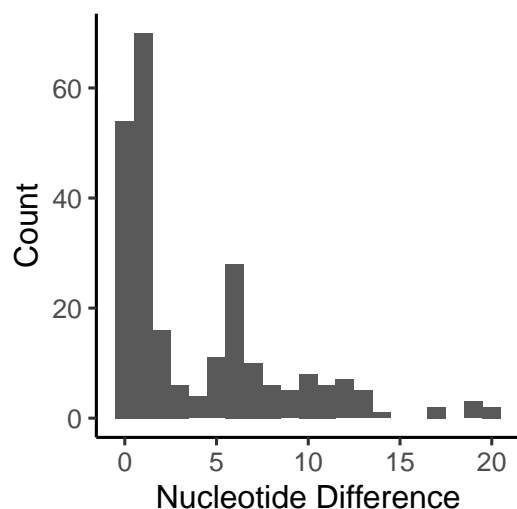
IGHV3-20*01

2 sequences assigned
No exact matches.



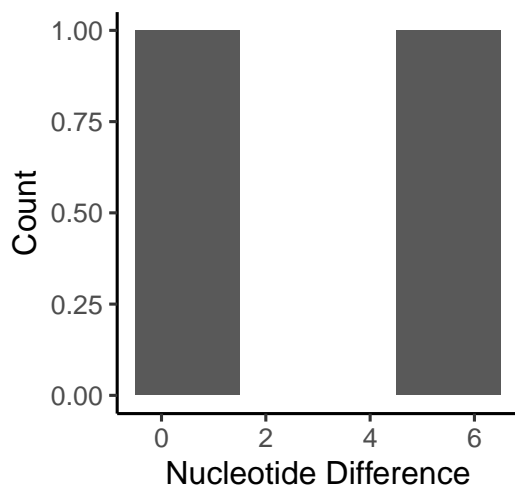
IGHV3-33*01

272 sequences assigned
54 (19.9%) exact matches, in which:
37 unique CDR3
3 unique J



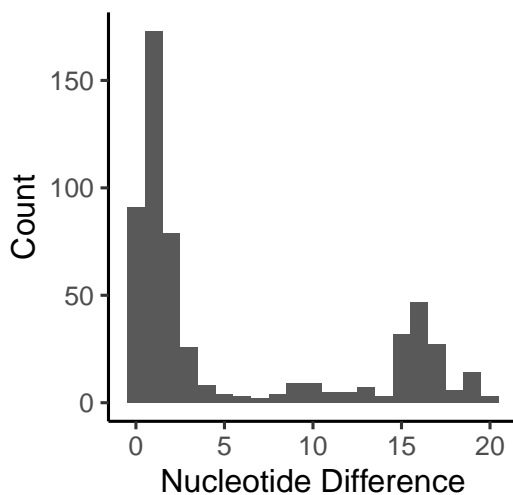
IGHV3-13*01

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



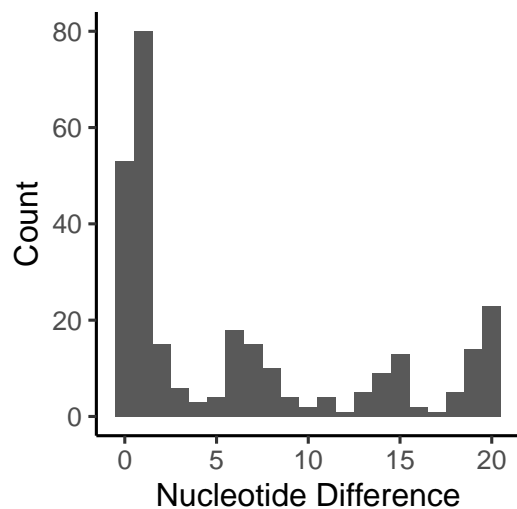
IGHV3-21*01

764 sequences assigned
91 (11.9%) exact matches, in which:
56 unique CDR3
6 unique J



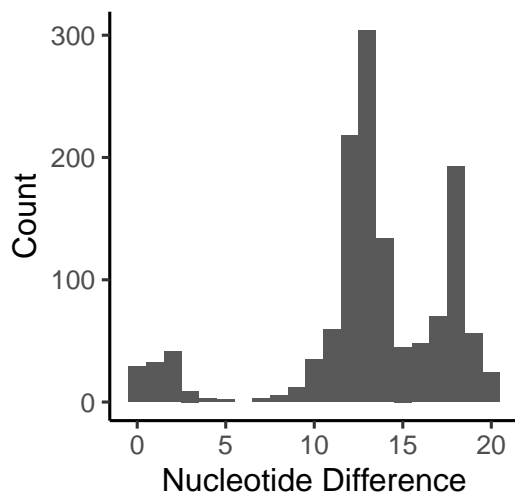
IGHV3-33*08

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



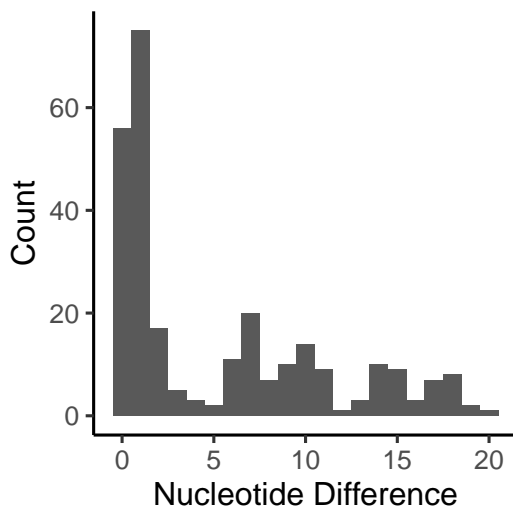
IGHV3-15*01

1355 sequences assigned
29 (2.1%) exact matches, in which:
26 unique CDR3
4 unique J



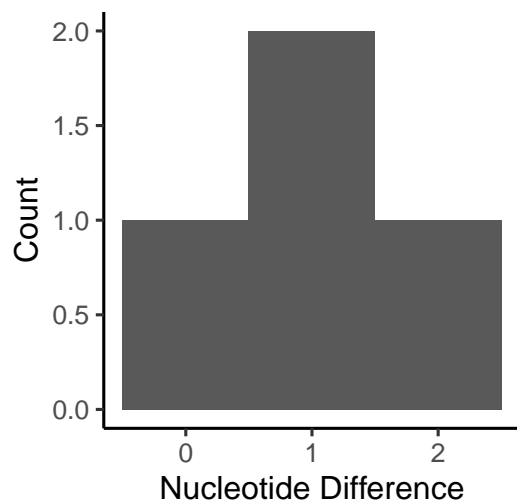
IGHV3-30-3*01

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



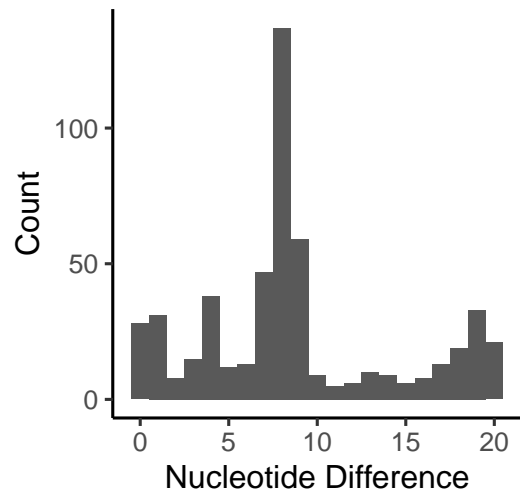
IGHV3-43*01

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



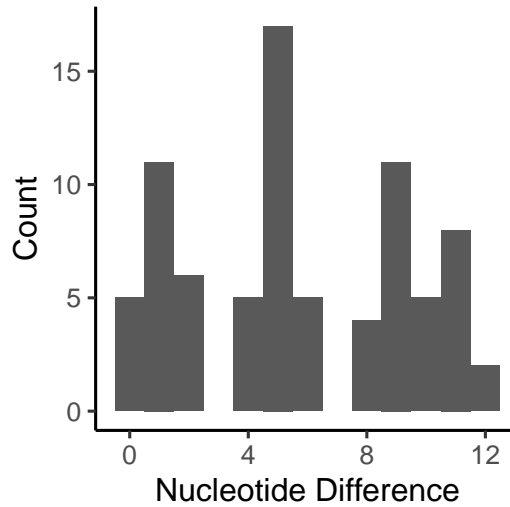
IGHV3-48*01

529 sequences assigned
28 (5.3%) exact matches, in which:
19 unique CDR3
4 unique J



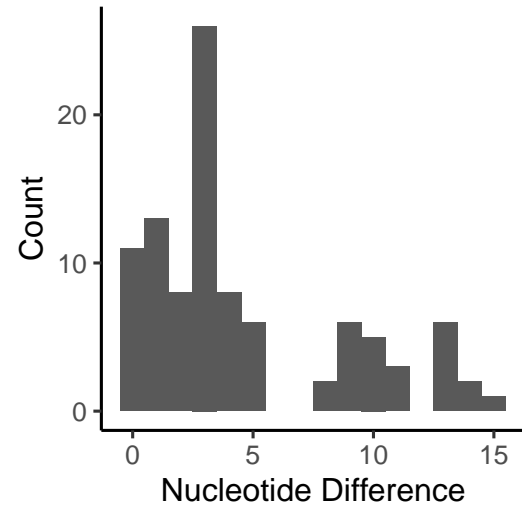
IGHV3-49*05

79 sequences assigned
5 (6.3%) exact matches, in which:
3 unique CDR3
2 unique J



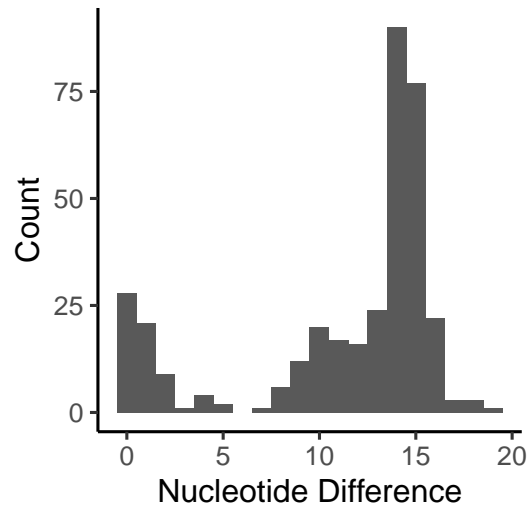
IGHV3-66*02

103 sequences assigned
11 (10.7%) exact matches, in which:
10 unique CDR3
5 unique J



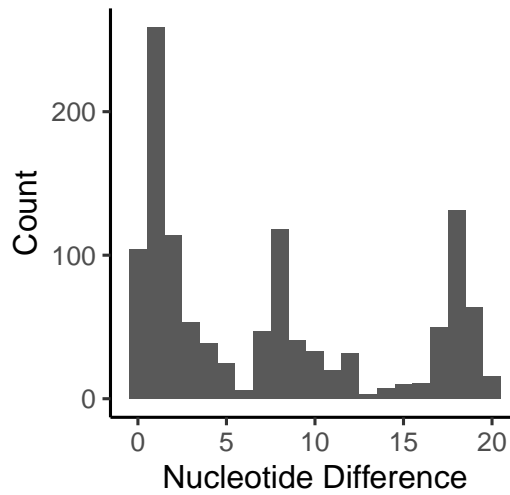
IGHV3-48*02

408 sequences assigned
28 (6.9%) exact matches, in which:
19 unique CDR3
6 unique J



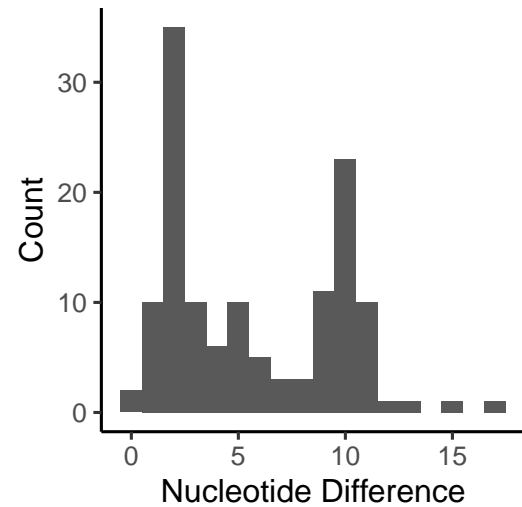
IGHV3-53*01

1549 sequences assigned
104 (6.7%) exact matches, in which:
75 unique CDR3
6 unique J



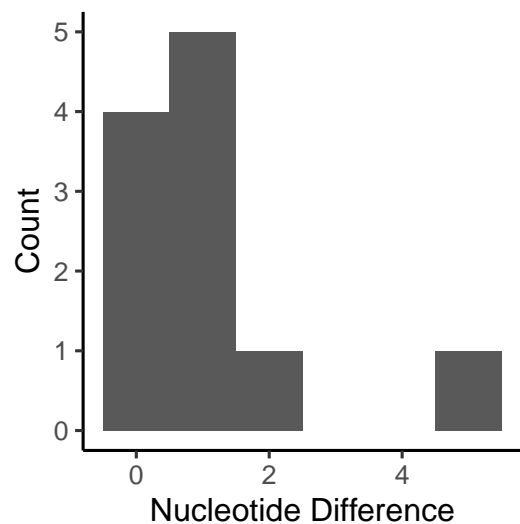
IGHV3-72*01

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



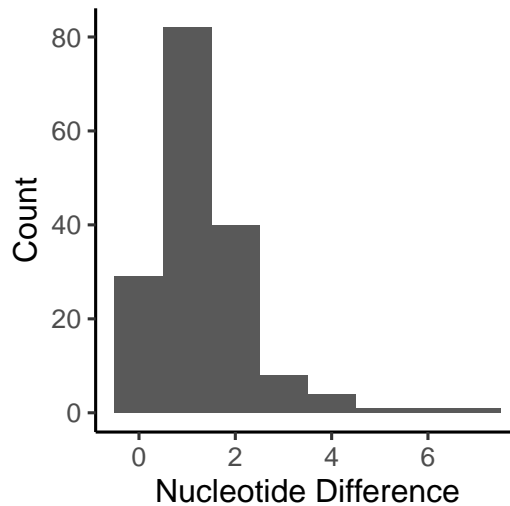
IGHV3-49*03

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



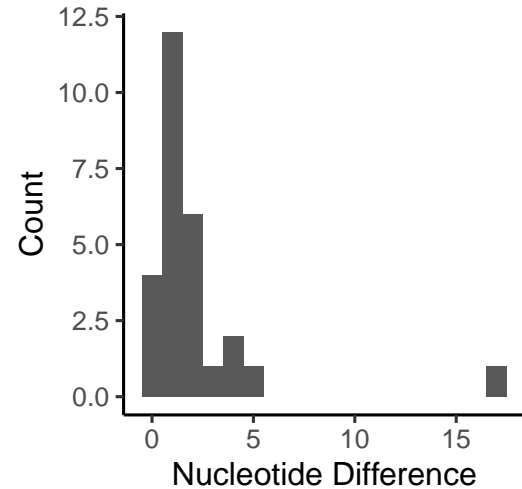
IGHV3-64*01

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



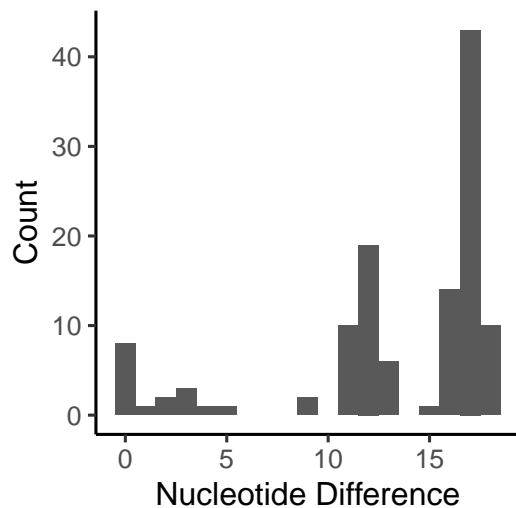
IGHV3-73*01

27 sequences assigned
4 (14.8%) exact matches, in which:
4 unique CDR3
2 unique J



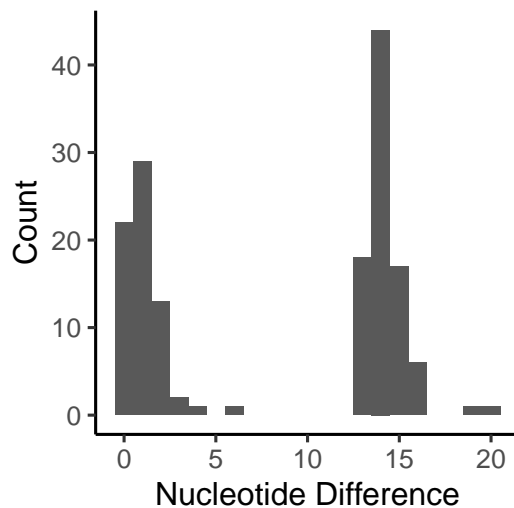
IGHV3-73*02

122 sequences assigned
8 (6.6%) exact matches, in which:
7 unique CDR3
2 unique J



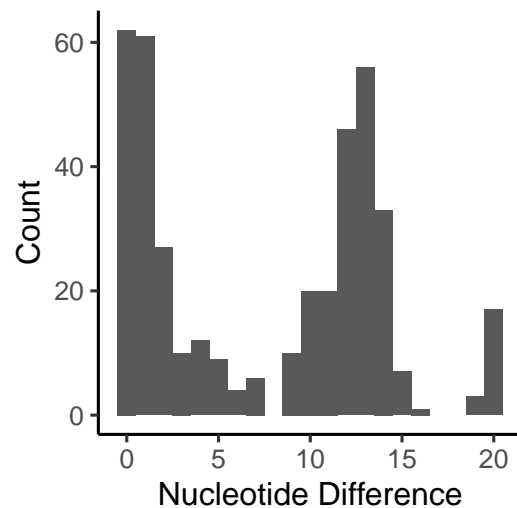
IGHV4-30-4*01

253 sequences assigned
22 (8.7%) exact matches, in which:
16 unique CDR3
3 unique J



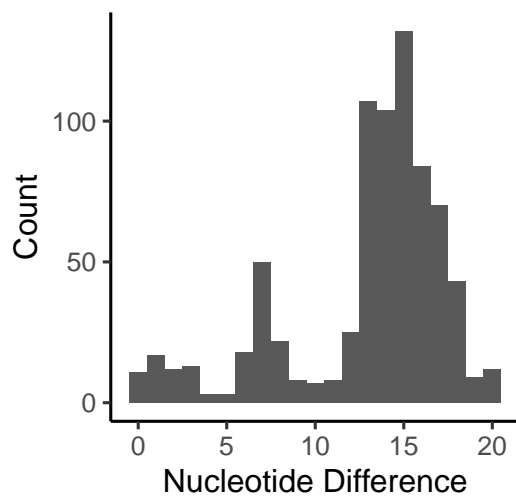
IGHV4-34*01

898 sequences assigned
62 (6.9%) exact matches, in which:
56 unique CDR3
6 unique J



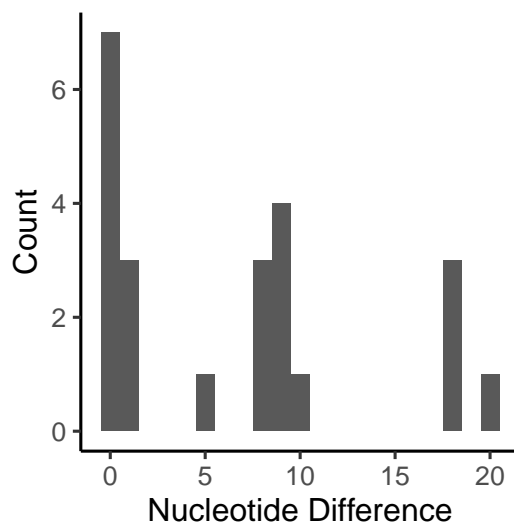
IGHV3-74*01

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



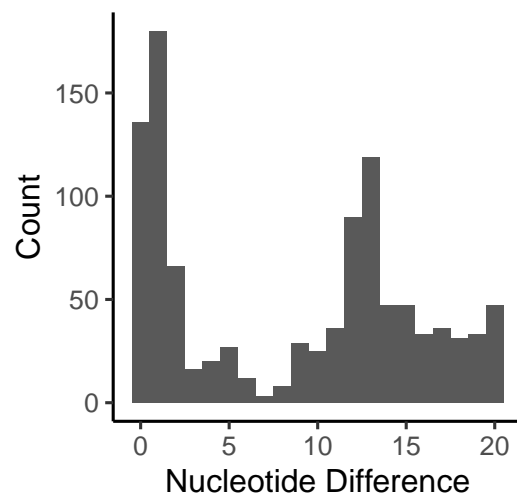
IGHV4-30-2*01

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



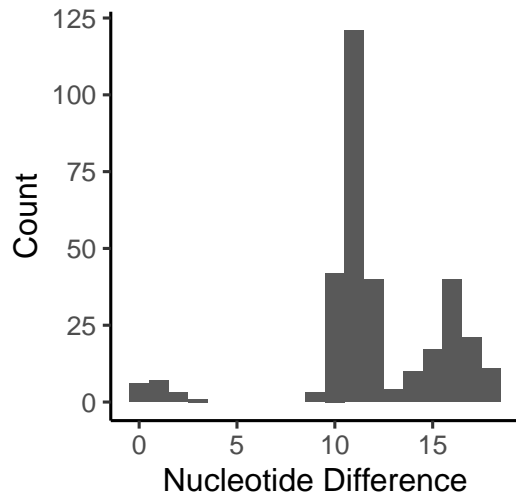
IGHV4-39*01

1705 sequences assigned
136 (8%) exact matches, in which:
102 unique CDR3
7 unique J



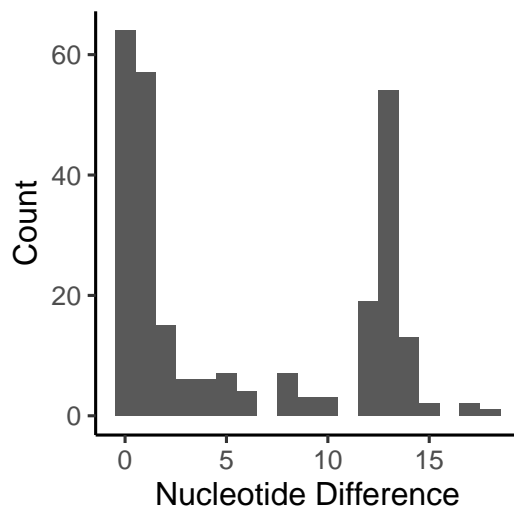
IGHV4-4*07

467 sequences assigned
6 (1.3%) exact matches, in which:
4 unique CDR3
3 unique J



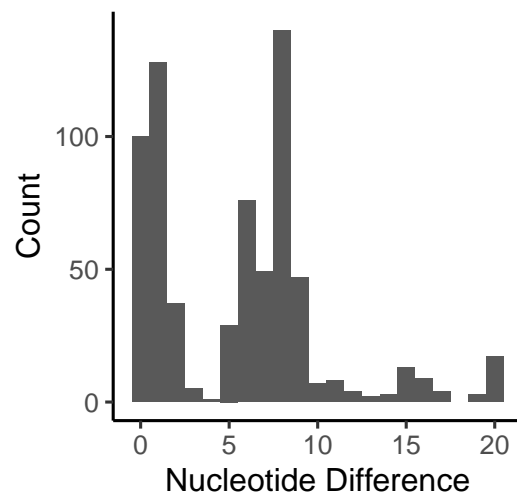
IGHV4-31*03

277 sequences assigned
64 (23.1%) exact matches, in which:
36 unique CDR3
5 unique J



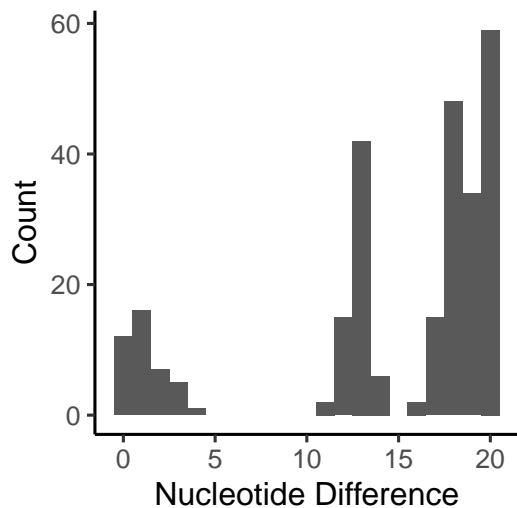
IGHV4-59*01

1272 sequences assigned
100 (7.9%) exact matches, in which:
68 unique CDR3
5 unique J



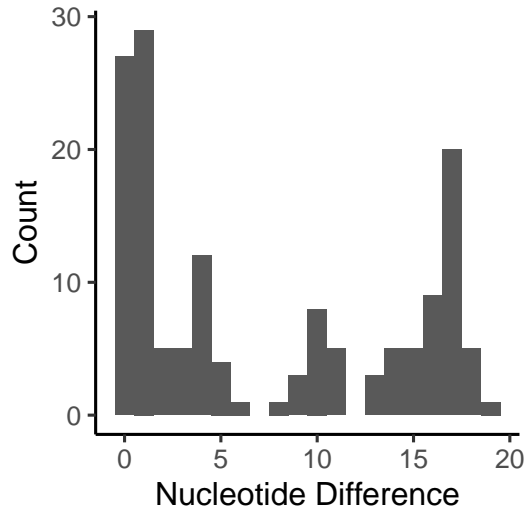
IGHV4-61*01

279 sequences assigned
12 (4.3%) exact matches, in which:
7 unique CDR3
2 unique J



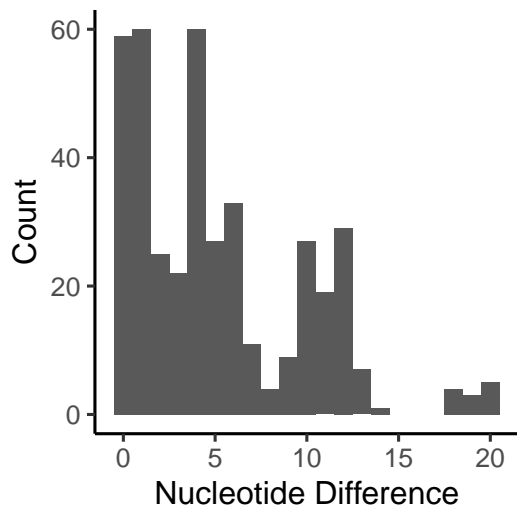
IGHV5-51*03

193 sequences assigned
27 (14%) exact matches, in which:
23 unique CDR3
4 unique J



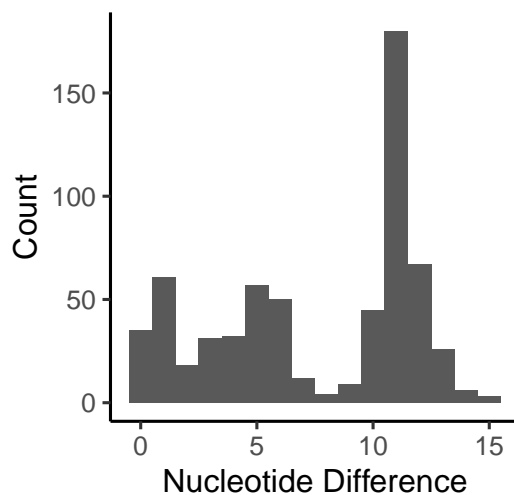
IGHV4-61*02

536 sequences assigned
59 (11%) exact matches, in which:
34 unique CDR3
6 unique J



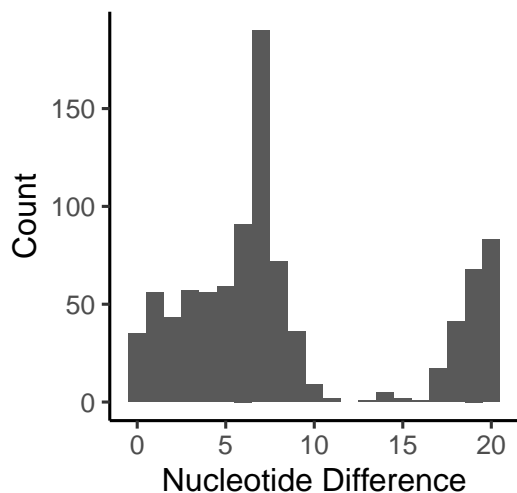
IGHV6-1*01

636 sequences assigned
35 (5.5%) exact matches, in which:
18 unique CDR3
4 unique J



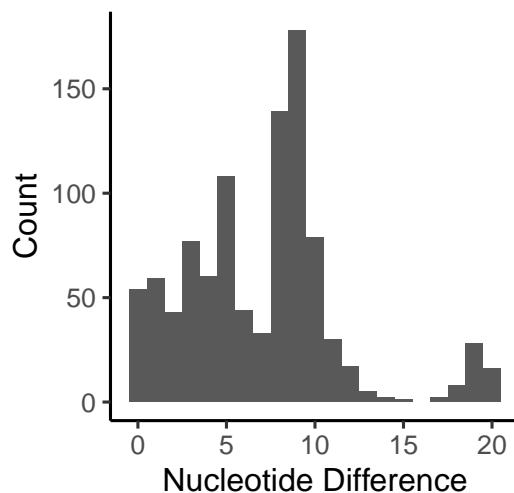
IGHV5-51*01

1169 sequences assigned
35 (3%) exact matches, in which:
31 unique CDR3
4 unique J

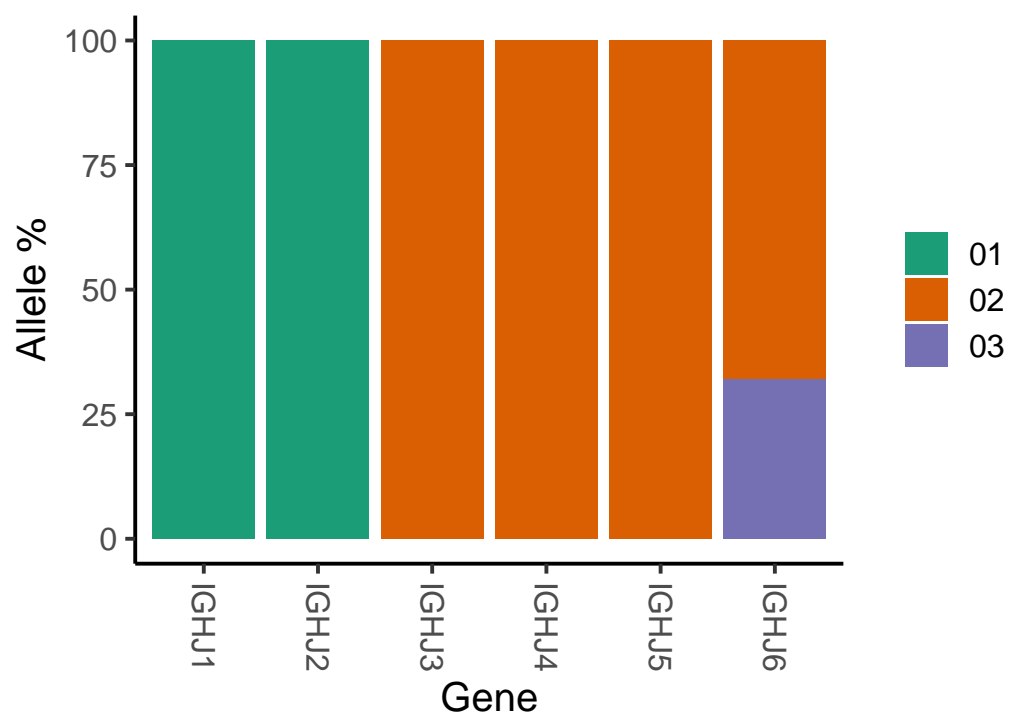


IGHV7-4-1*02

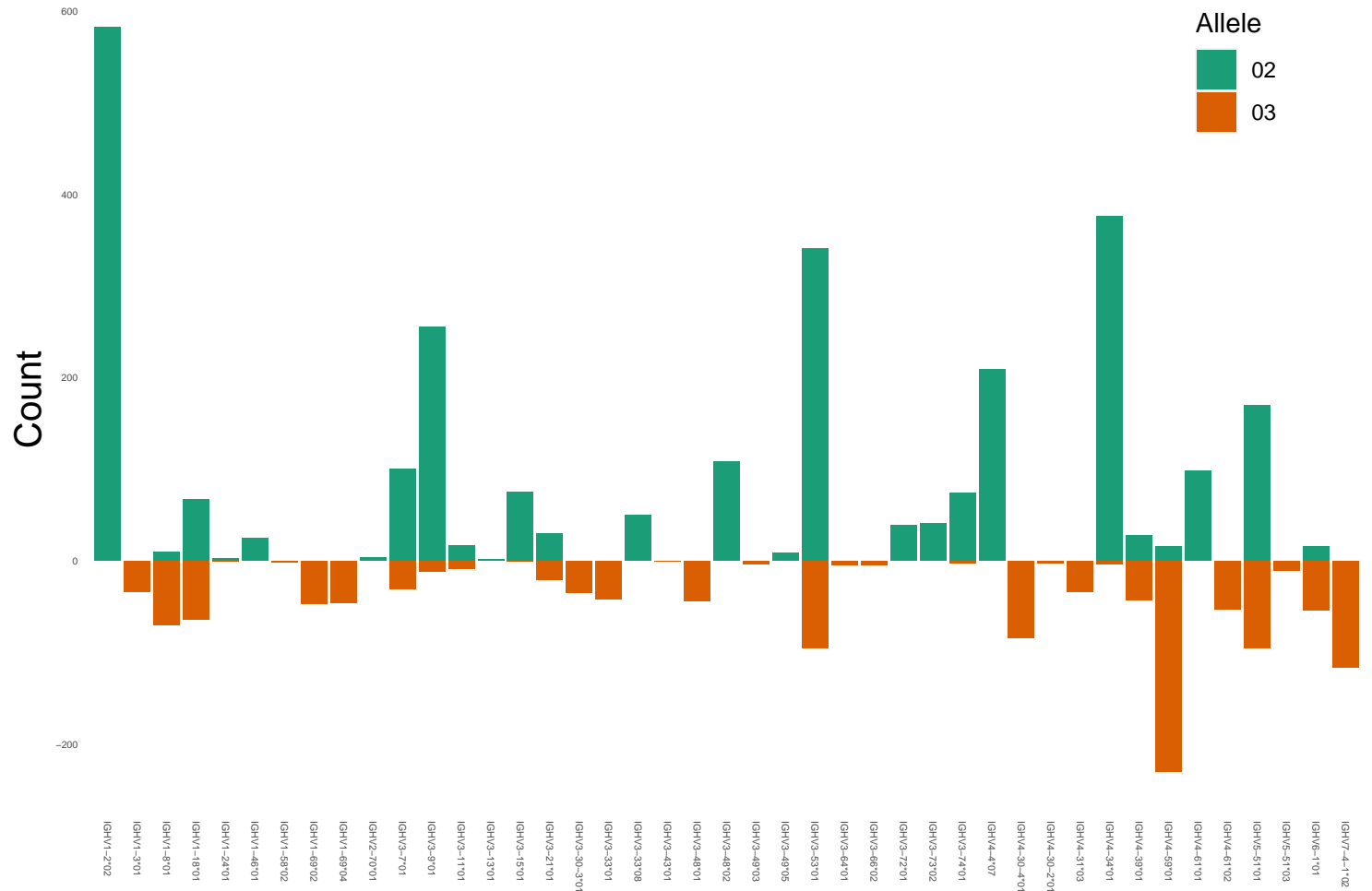
1043 sequences assigned
54 (5.2%) exact matches, in which:
32 unique CDR3
6 unique J



Allele Usage



Sequence Count byIGHJ6 allele usage



Warning – no inferred sequences found.