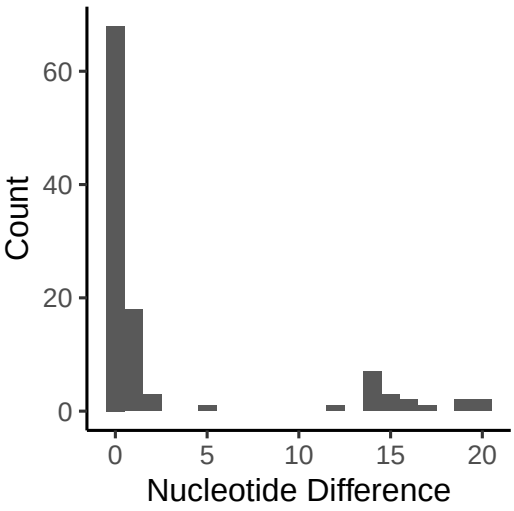
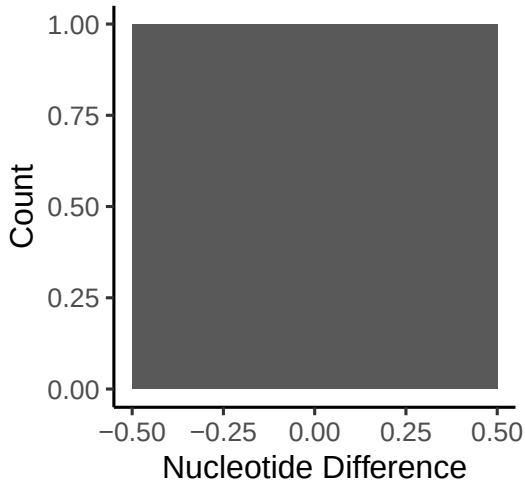
IGHV1−2*04

122 sequences assigned
68 (55.7%) exact matches, in which:
68 unique CDR3
6 unique J



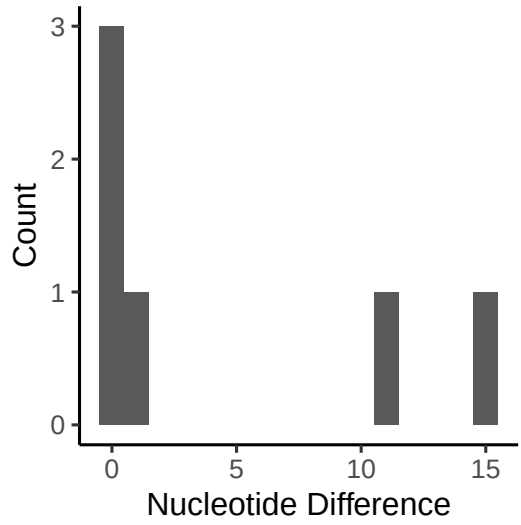
IGHV1−8*01

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



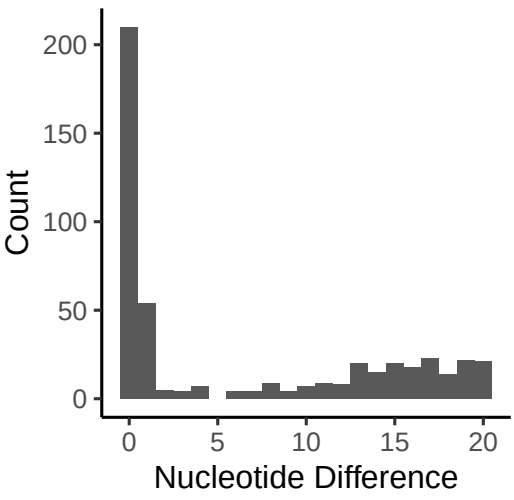
IGHV1−45*02

9 sequences assigned
3 (33.3%) exact matches, in which:
3 unique CDR3
1 unique J



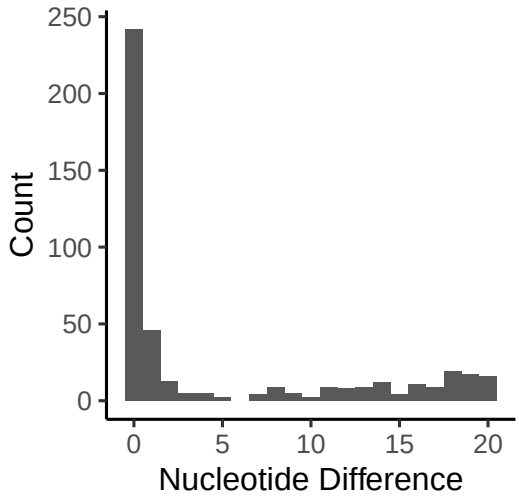
IGHV1−2*06

839 sequences assigned
210 (25%) exact matches, in which:
209 unique CDR3
6 unique J



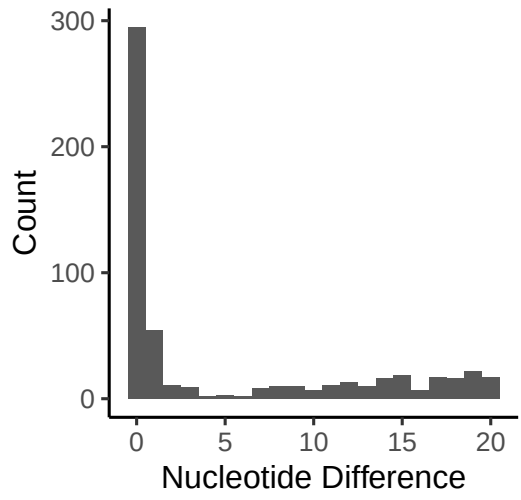
IGHV1−18*01

766 sequences assigned
242 (31.6%) exact matches, in which:
242 unique CDR3
7 unique J



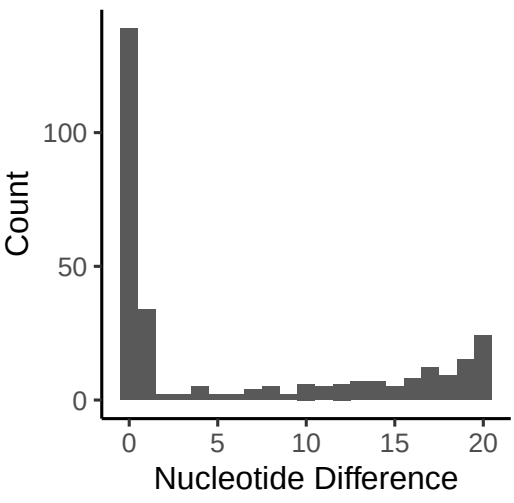
IGHV1−46*01

959 sequences assigned
295 (30.8%) exact matches, in which:
294 unique CDR3
7 unique J



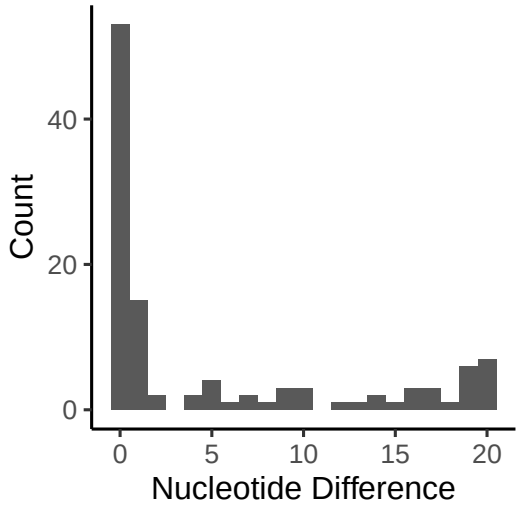
IGHV1−3*01

567 sequences assigned
139 (24.5%) exact matches, in which:
139 unique CDR3
6 unique J



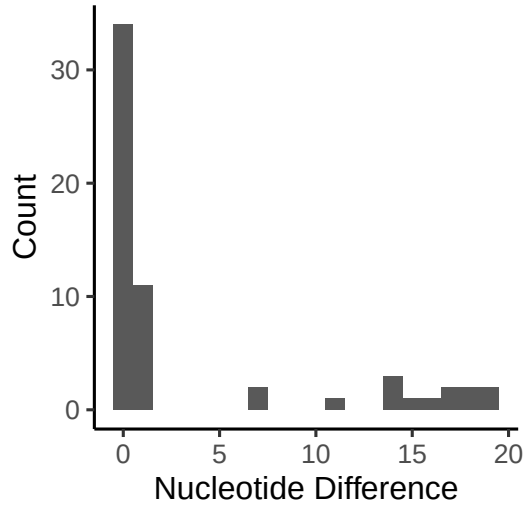
IGHV1−24*01

141 sequences assigned
53 (37.6%) exact matches, in which:
53 unique CDR3
7 unique J



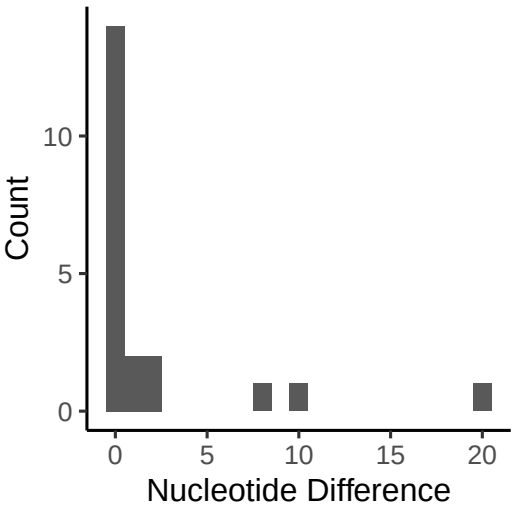
IGHV1−58*01

86 sequences assigned
34 (39.5%) exact matches, in which:
34 unique CDR3
5 unique J



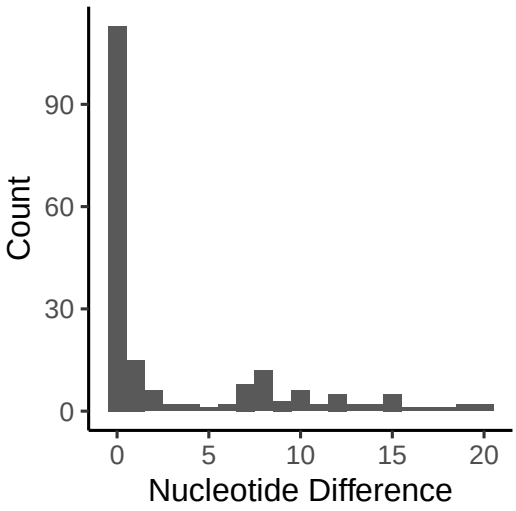
IGHV1−69−2*01

31 sequences assigned
14 (45.2%) exact matches, in which:
14 unique CDR3
4 unique J



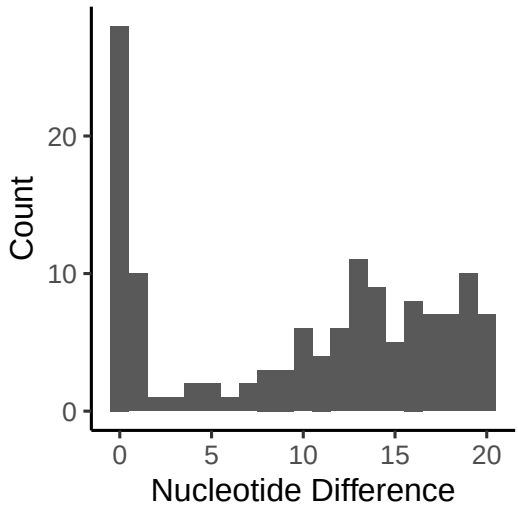
IGHV2−26*01

211 sequences assigned
113 (53.6%) exact matches, in which:
113 unique CDR3
7 unique J



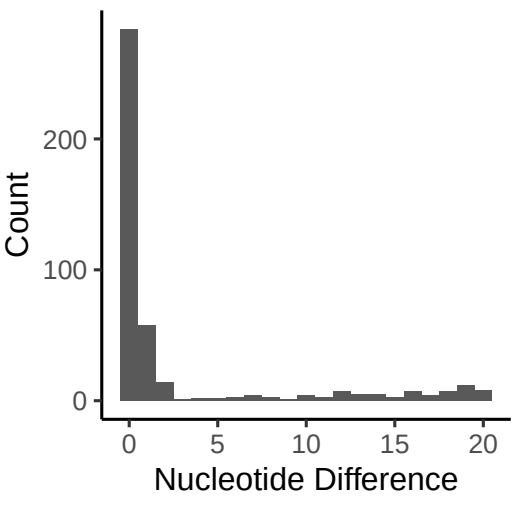
IGHV3−7*04

215 sequences assigned
28 (13%) exact matches, in which:
28 unique CDR3
4 unique J



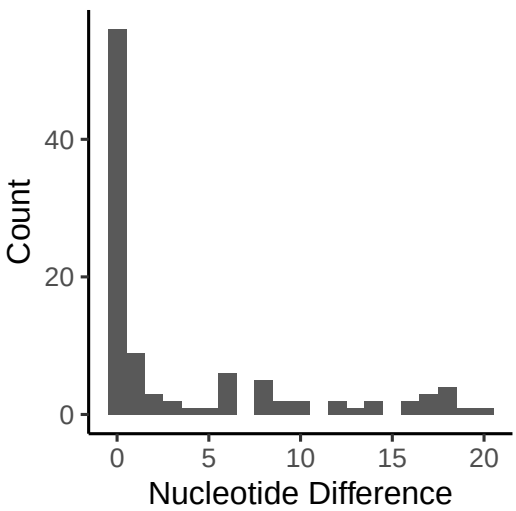
IGHV1−69*06

632 sequences assigned
284 (44.9%) exact matches, in which:
284 unique CDR3
6 unique J



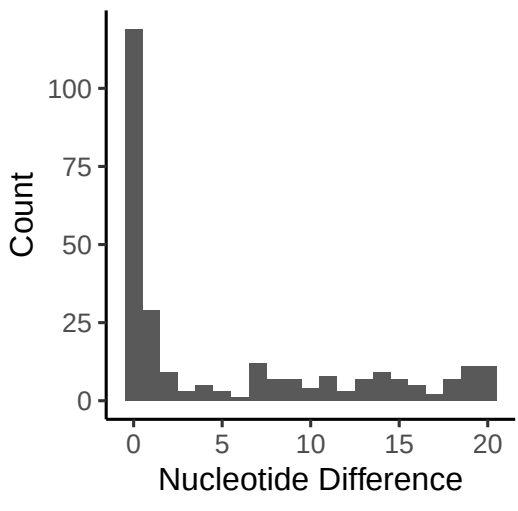
IGHV2−70*01

161 sequences assigned
56 (34.8%) exact matches, in which:
56 unique CDR3
6 unique J



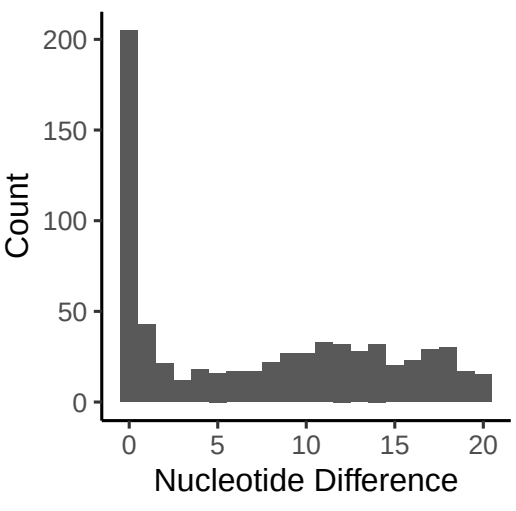
IGHV3−11*05

444 sequences assigned
119 (26.8%) exact matches, in which:
119 unique CDR3
5 unique J



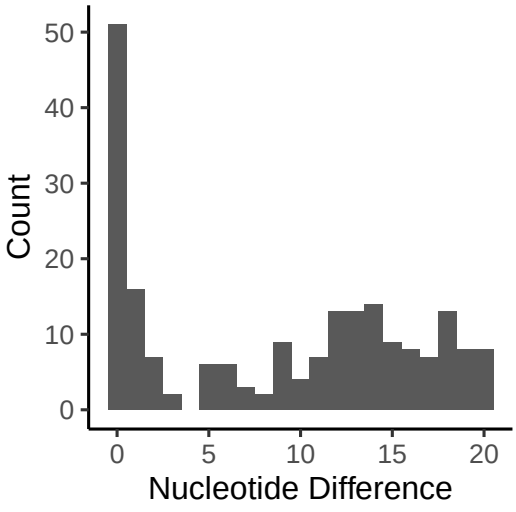
IGHV2−5*02

1022 sequences assigned
205 (20.1%) exact matches, in which:
205 unique CDR3
7 unique J



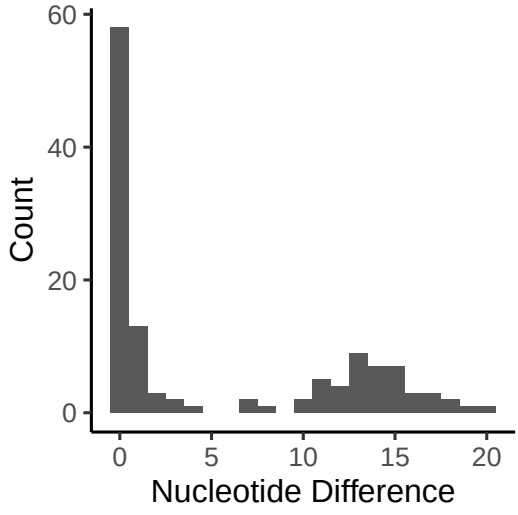
IGHV3−7*01

302 sequences assigned
51 (16.9%) exact matches, in which:
50 unique CDR3
6 unique J



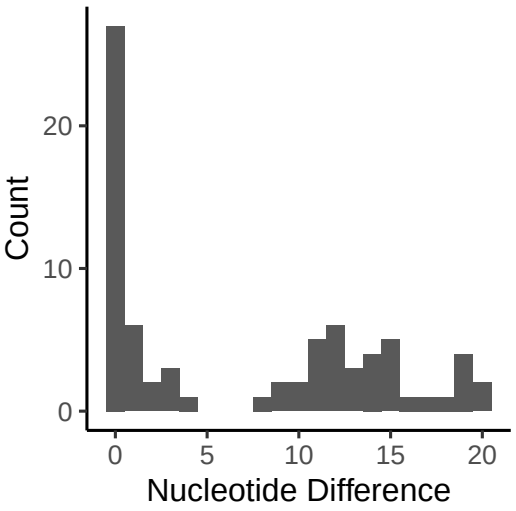
IGHV3−11*06

238 sequences assigned
58 (24.4%) exact matches, in which:
58 unique CDR3
5 unique J



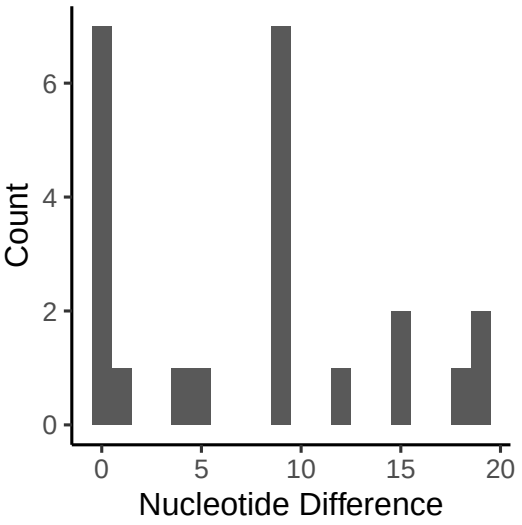
IGHV3−13*04

91 sequences assigned
27 (29.7%) exact matches, in which:
27 unique CDR3
5 unique J



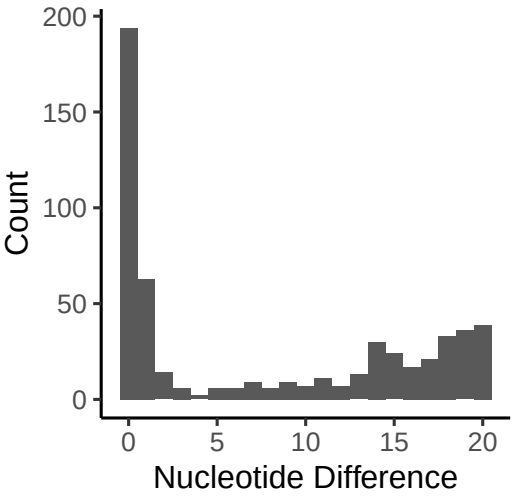
IGHV3−20*01

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



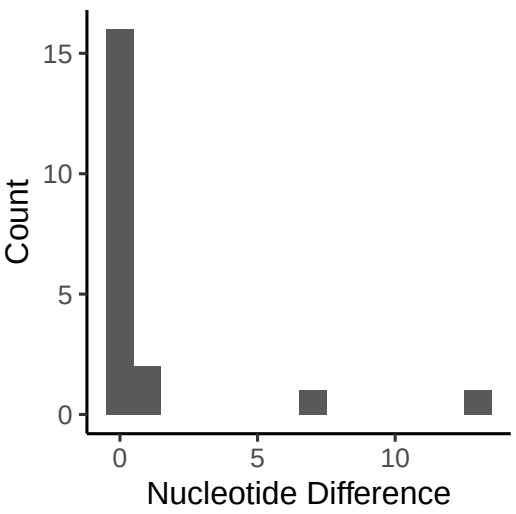
IGHV3−30−3*01

965 sequences assigned
194 (20.1%) exact matches, in which:
193 unique CDR3
6 unique J



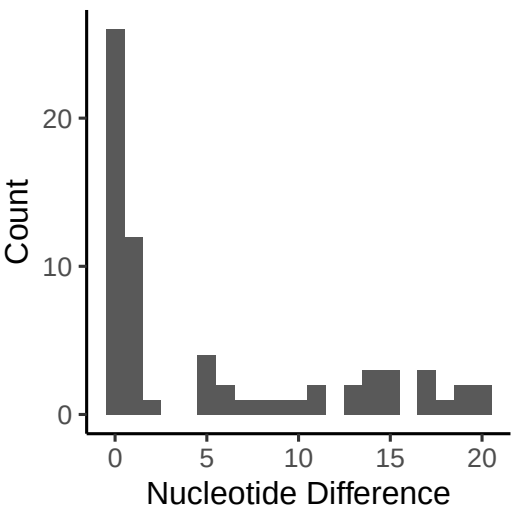
IGHV3−13*05

21 sequences assigned
16 (76.2%) exact matches, in which:
16 unique CDR3
5 unique J



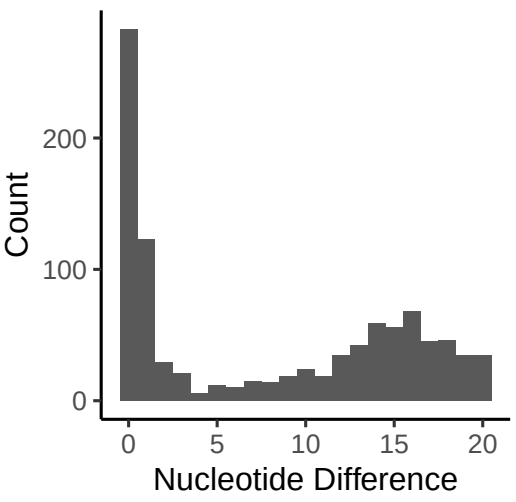
IGHV3−20*04

147 sequences assigned
26 (17.7%) exact matches, in which:
26 unique CDR3
5 unique J



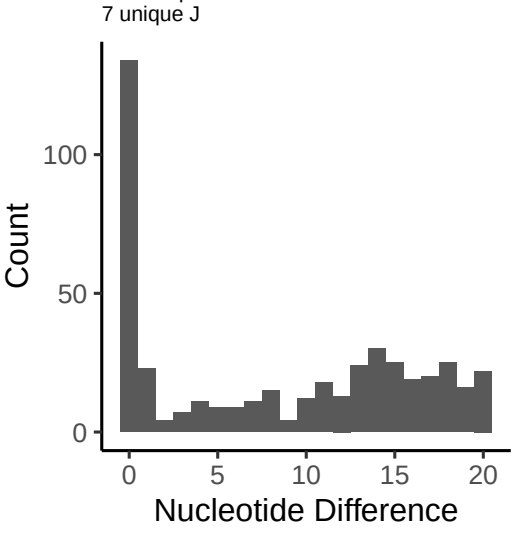
IGHV3−33*01

1665 sequences assigned
283 (17%) exact matches, in which:
277 unique CDR3
7 unique J



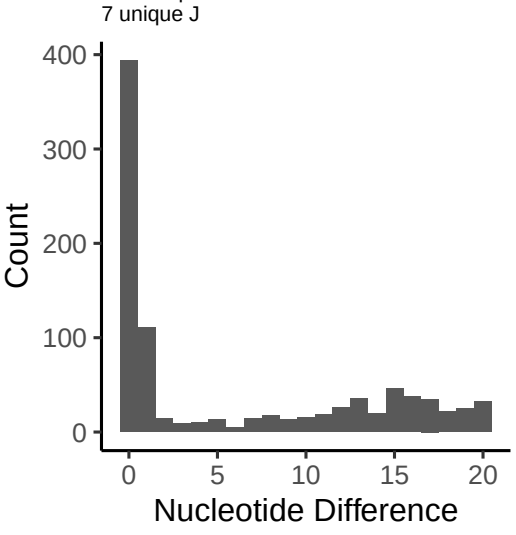
IGHV3−15*01

713 sequences assigned
134 (18.8%) exact matches, in which:
132 unique CDR3
7 unique J



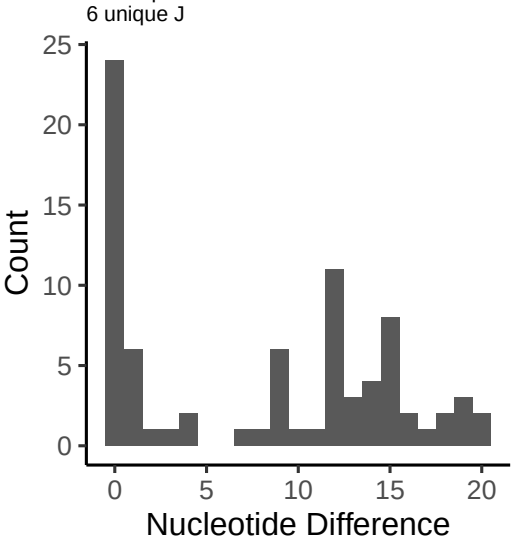
IGHV3−21*01

1350 sequences assigned
394 (29.2%) exact matches, in which:
391 unique CDR3
7 unique J



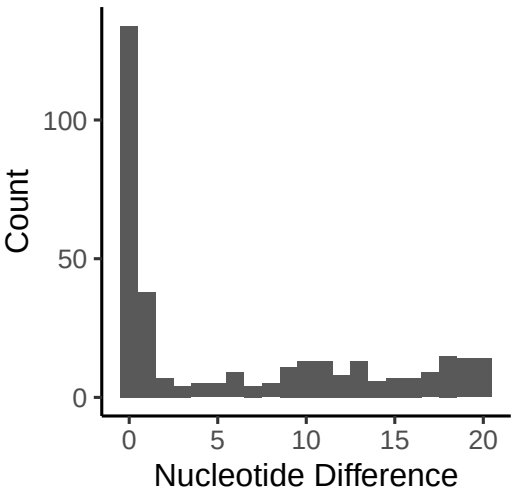
IGHV3−43*01

143 sequences assigned
24 (16.8%) exact matches, in which:
24 unique CDR3
6 unique J



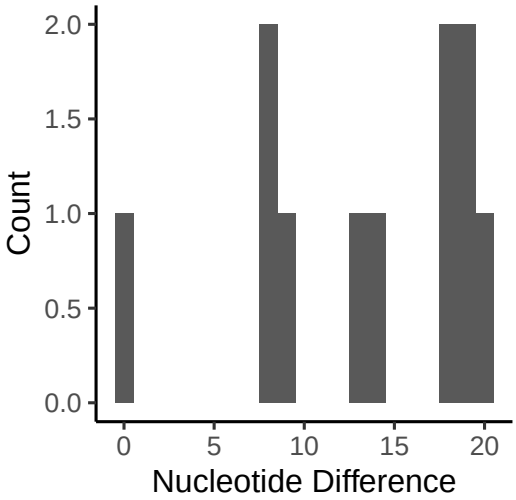
IGHV3−48*02

510 sequences assigned
134 (26.3%) exact matches, in which:
134 unique CDR3
7 unique J



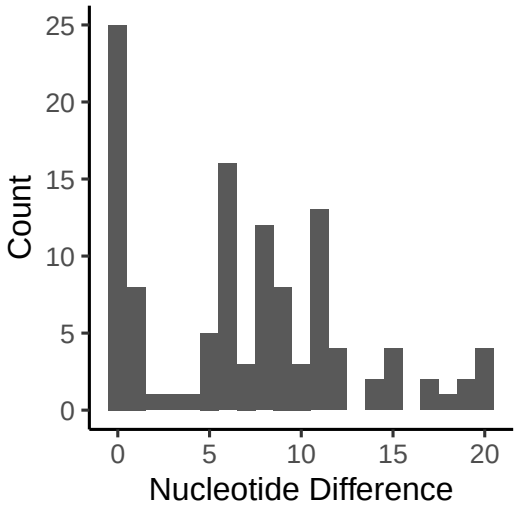
IGHV3−64*02

16 sequences assigned
1 (6.2%) exact matches, in which:
1 unique CDR3
1 unique J



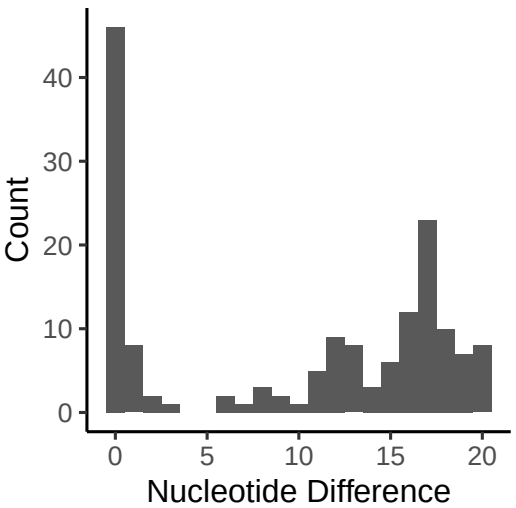
IGHV3−73*02

184 sequences assigned
25 (13.6%) exact matches, in which:
25 unique CDR3
5 unique J



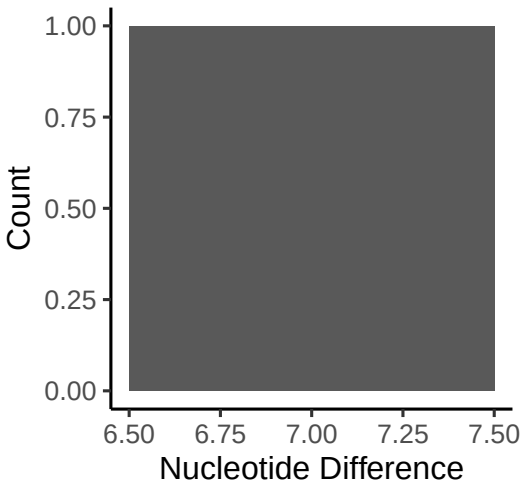
IGHV3−49*05

328 sequences assigned
46 (14%) exact matches, in which:
46 unique CDR3
7 unique J



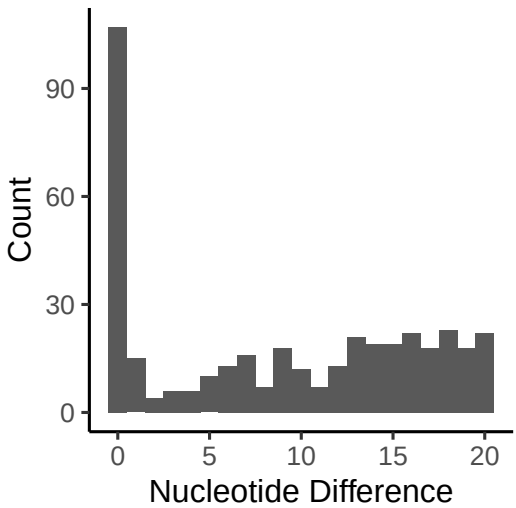
IGHV3−69−1*01

1 sequences assigned
No exact matches.



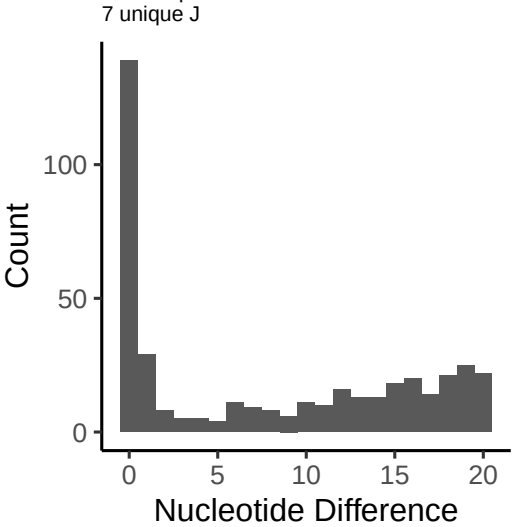
IGHV3−74*01

724 sequences assigned
107 (14.8%) exact matches, in which:
107 unique CDR3
7 unique J



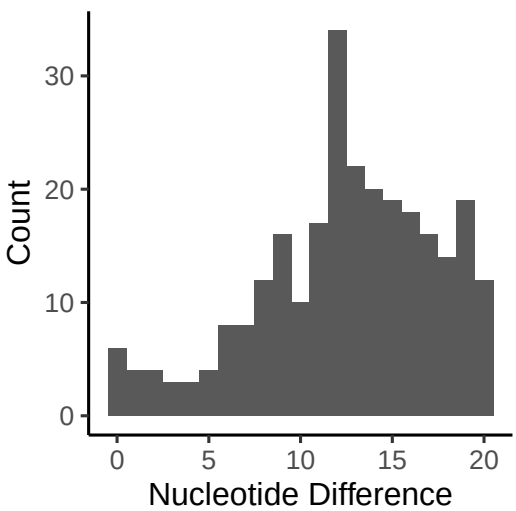
IGHV3−53*01

666 sequences assigned
139 (20.9%) exact matches, in which:
139 unique CDR3
7 unique J



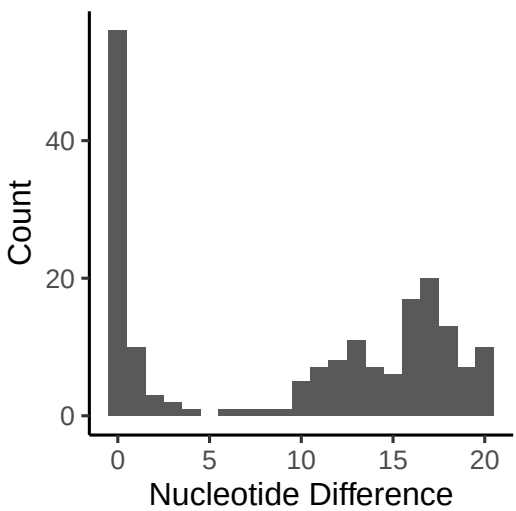
IGHV3−72*01

364 sequences assigned
6 (1.6%) exact matches, in which:
6 unique CDR3
3 unique J



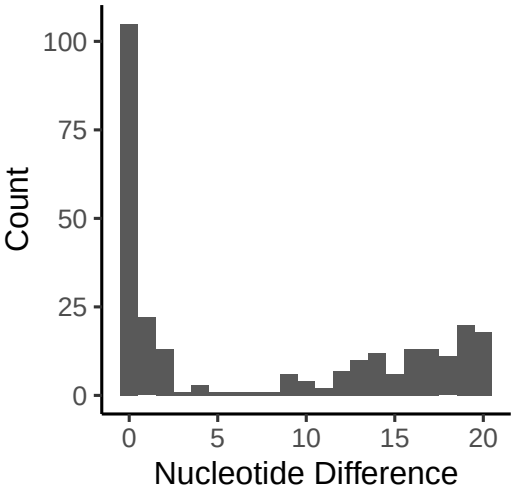
IGHV3−64D*06

323 sequences assigned
56 (17.3%) exact matches, in which:
55 unique CDR3
7 unique J



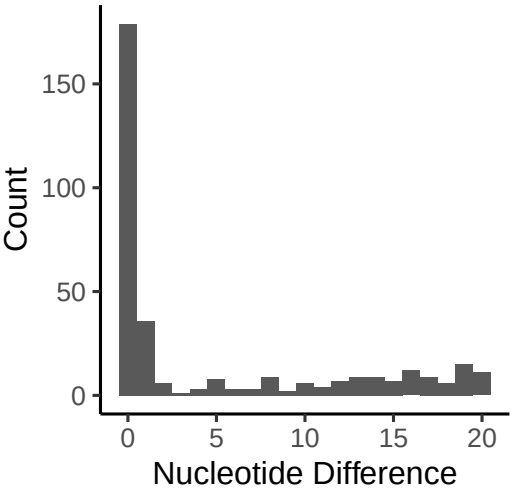
IGHV4−4*02

481 sequences assigned
105 (21.8%) exact matches, in which:
104 unique CDR3
7 unique J



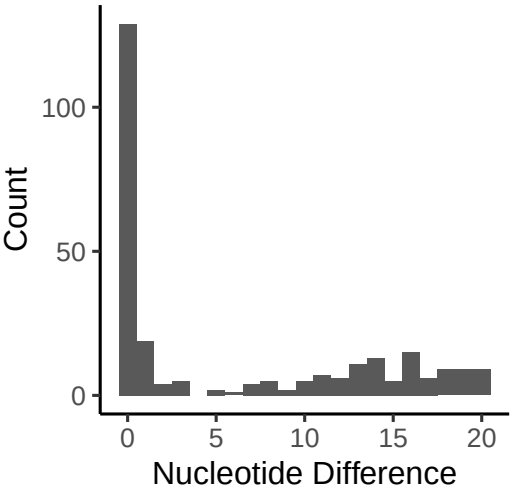
IGHV4−31*03

600 sequences assigned
179 (29.8%) exact matches, in which:
179 unique CDR3
7 unique J



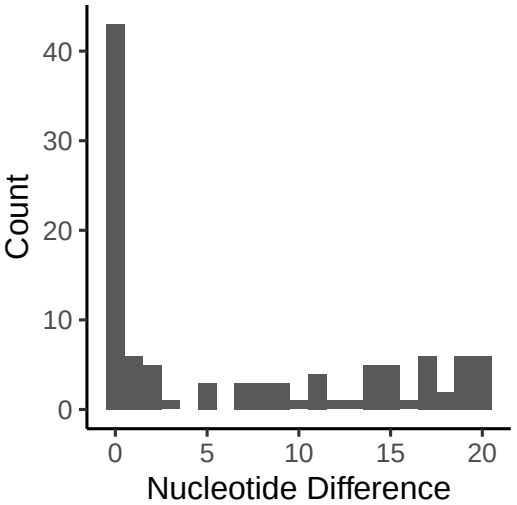
IGHV4−59*01

525 sequences assigned
129 (24.6%) exact matches, in which:
129 unique CDR3
7 unique J



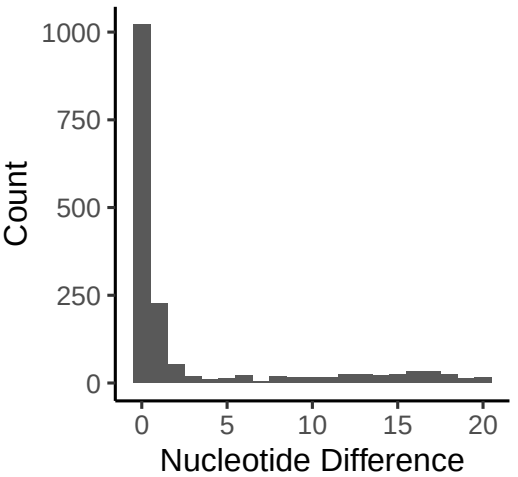
IGHV4−30−4*01

184 sequences assigned
43 (23.4%) exact matches, in which:
43 unique CDR3
6 unique J



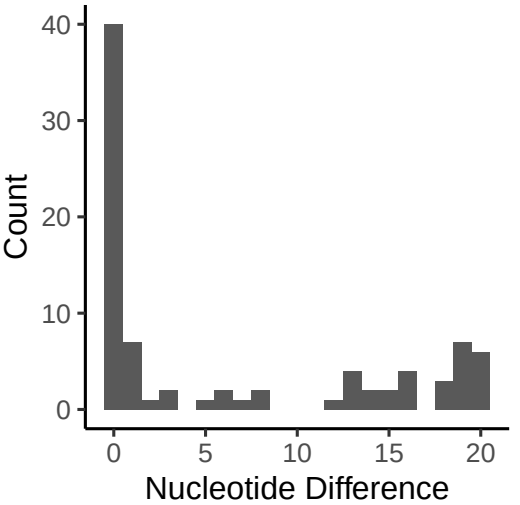
IGHV4−34*01

2172 sequences assigned
1021 (47%) exact matches, in which:
1008 unique CDR3
7 unique J



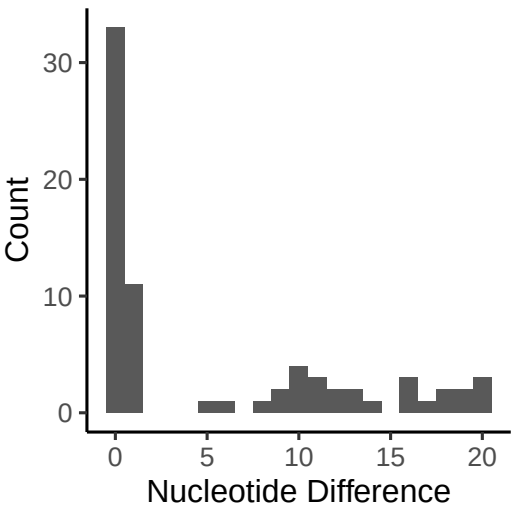
IGHV4−61*01

141 sequences assigned
40 (28.4%) exact matches, in which:
40 unique CDR3
6 unique J



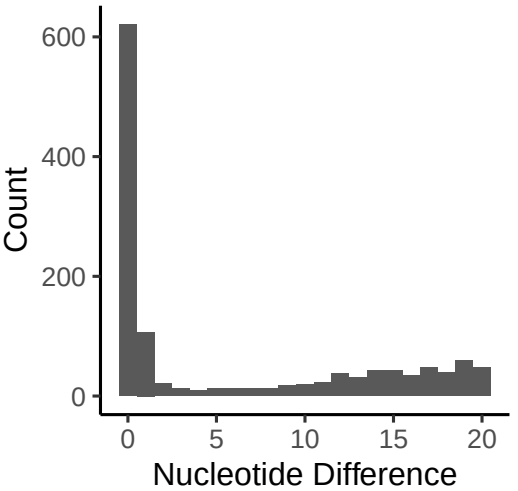
IGHV4−30−2*01

123 sequences assigned
33 (26.8%) exact matches, in which:
33 unique CDR3
7 unique J



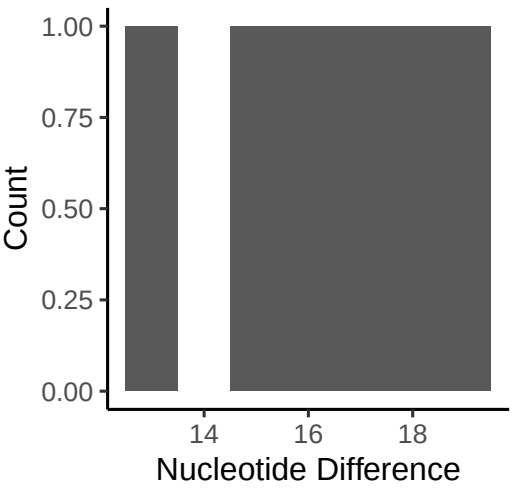
IGHV4−39*01

2257 sequences assigned
621 (27.5%) exact matches, in which:
616 unique CDR3
7 unique J



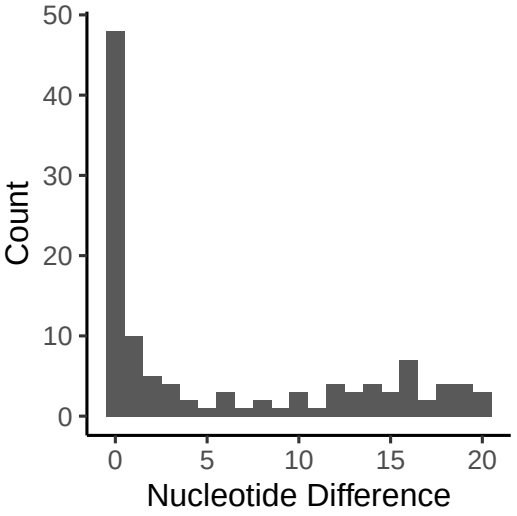
IGHV4−61*08

35 sequences assigned
No exact matches.



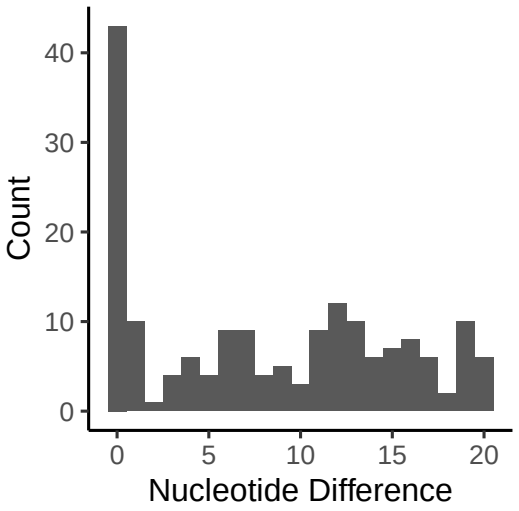
IGHV5−10−1*01

164 sequences assigned
48 (29.3%) exact matches, in which:
47 unique CDR3
6 unique J



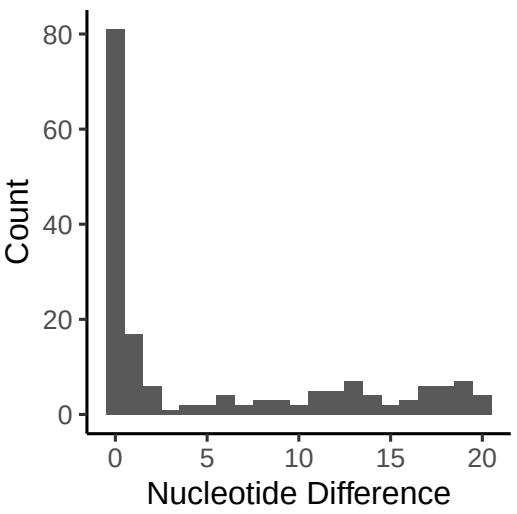
IGHV6−1*01

238 sequences assigned
43 (18.1%) exact matches, in which:
43 unique CDR3
6 unique J



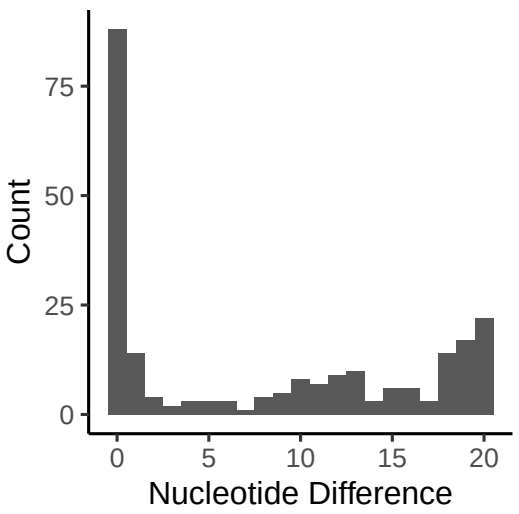
IGHV5−10−1*03

279 sequences assigned
81 (29%) exact matches, in which:
81 unique CDR3
6 unique J



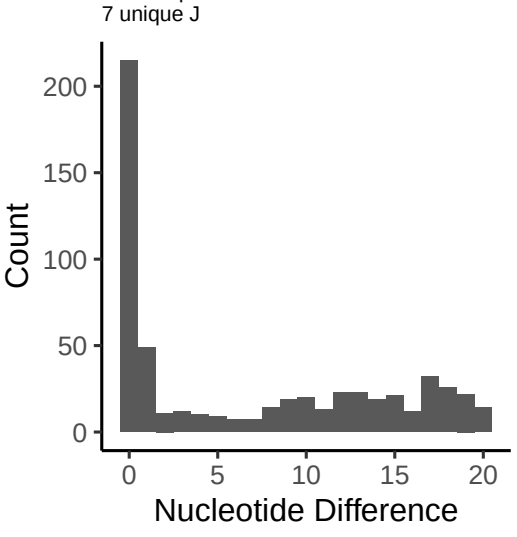
IGHV7−4−1*02

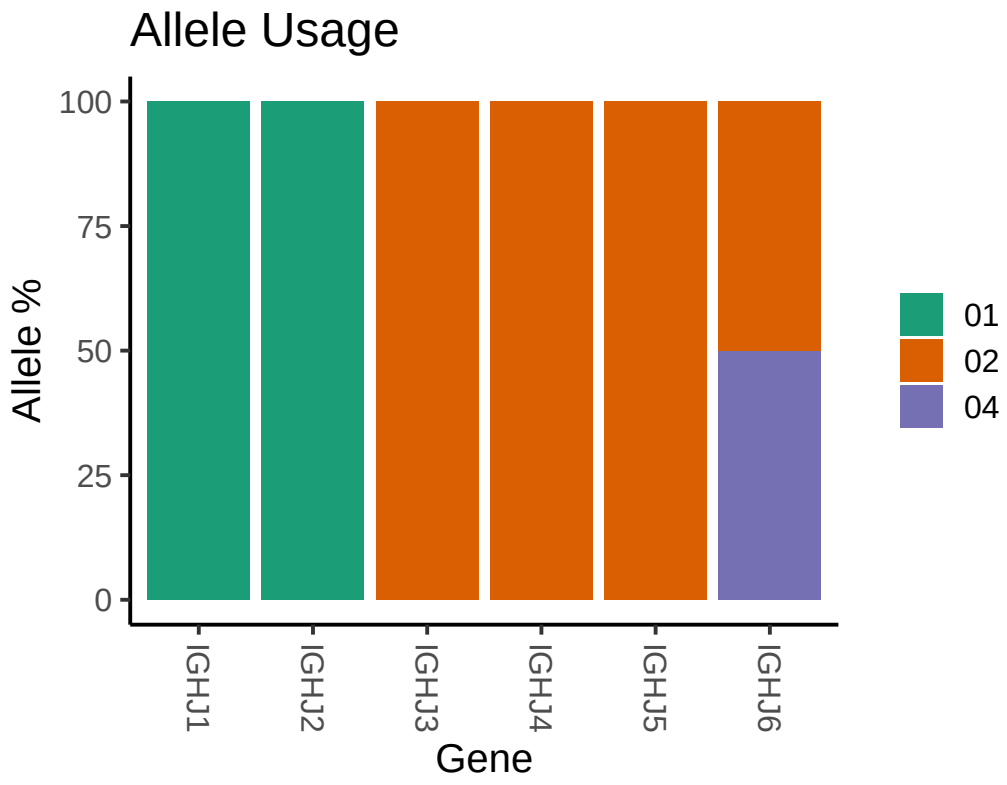
323 sequences assigned
88 (27.2%) exact matches, in which:
88 unique CDR3
6 unique J



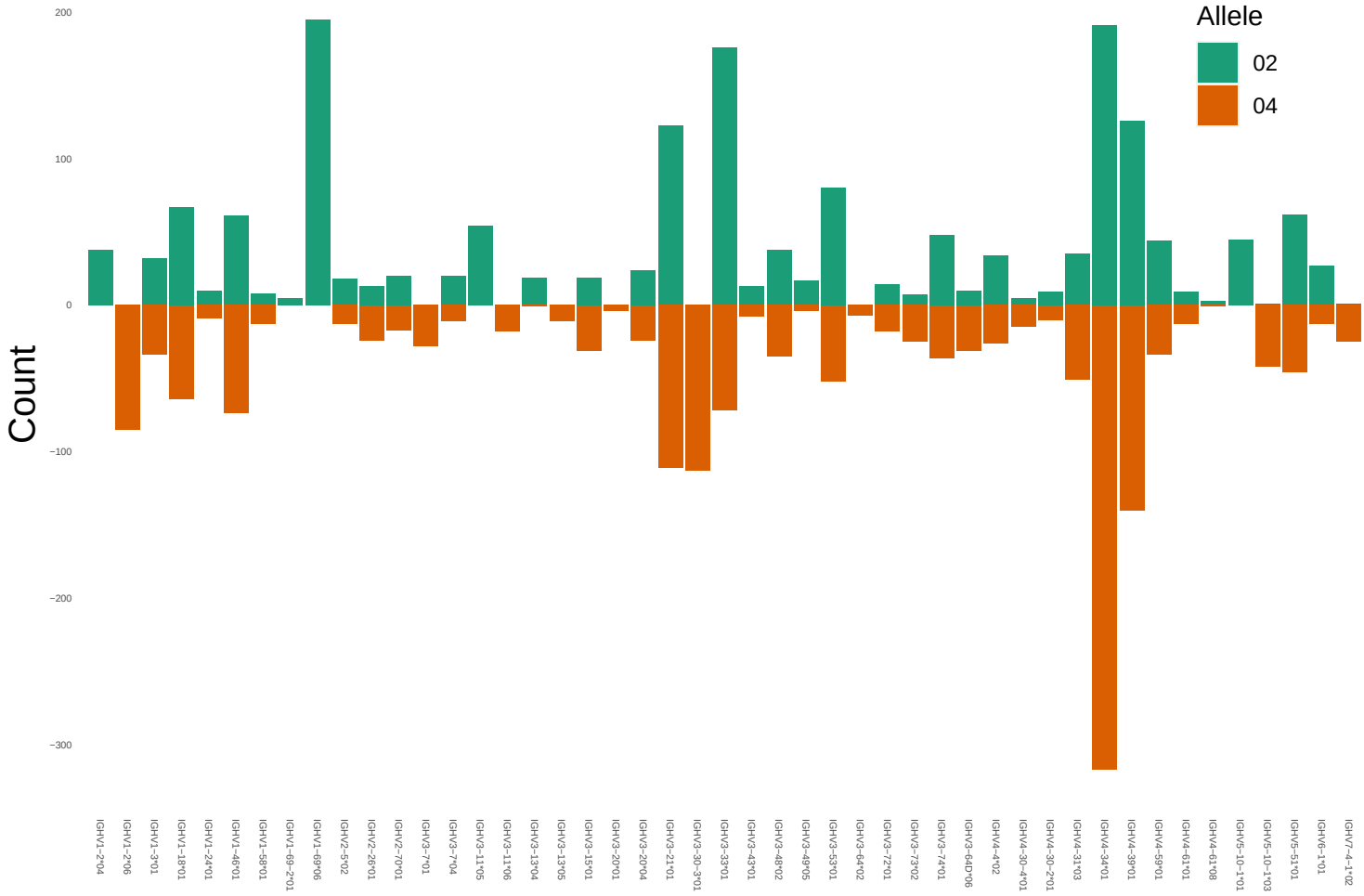
IGHV5−51*01

831 sequences assigned
215 (25.9%) exact matches, in which:
215 unique CDR3
7 unique J




Allele Usage
100
75
50
25
0
Allele %
IGHJ1
IGHJ2
IGHJ3
IGHJ4
IGHJ5
IGHJ6
Gene
01
02
04

Sequence Count by IGHJ6 allele usage



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