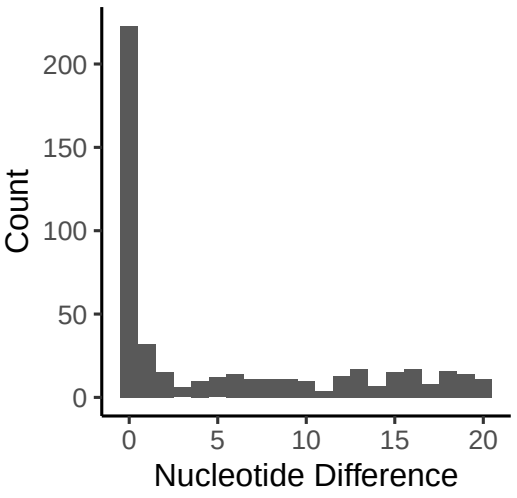
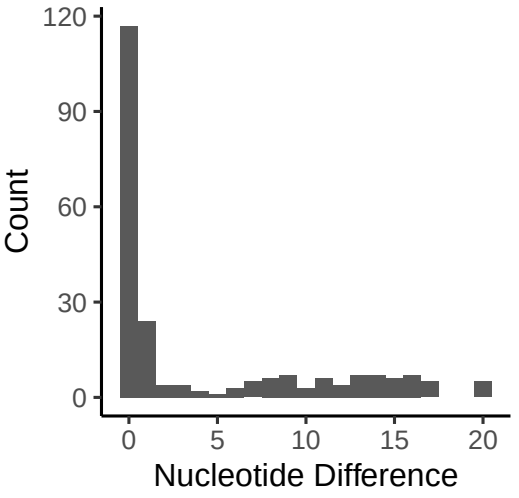
IGHV1−2*02

591 sequences assigned
223 (37.7%) exact matches, in which:
222 unique CDR3
6 unique J



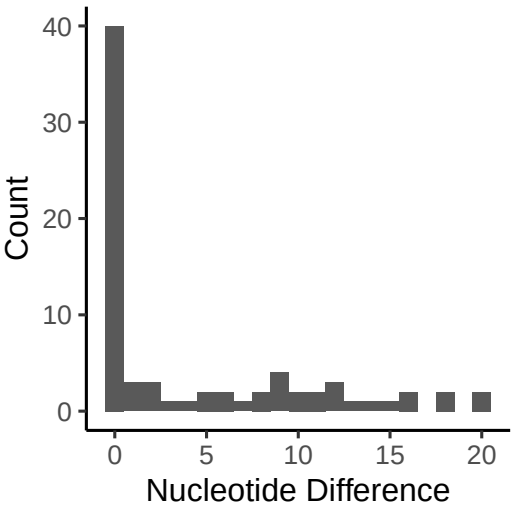
IGHV1−24*01

254 sequences assigned
117 (46.1%) exact matches, in which:
117 unique CDR3
6 unique J



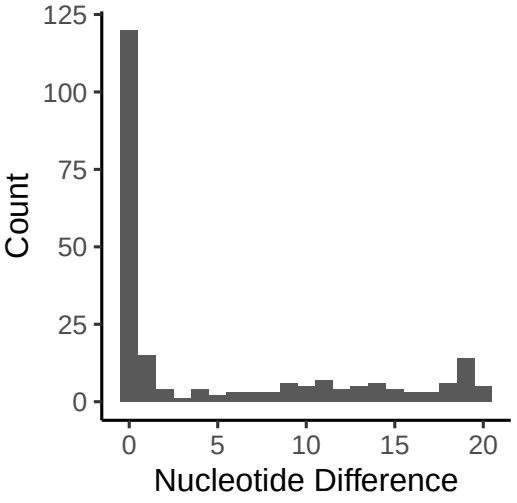
IGHV1−46*03

104 sequences assigned
40 (38.5%) exact matches, in which:
40 unique CDR3
4 unique J



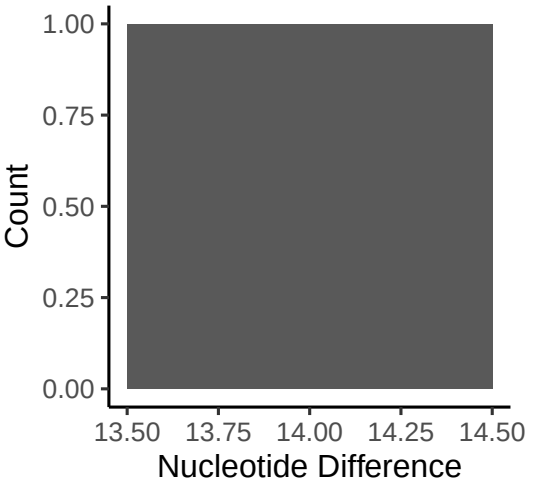
IGHV1−3*01

275 sequences assigned
120 (43.6%) exact matches, in which:
120 unique CDR3
6 unique J



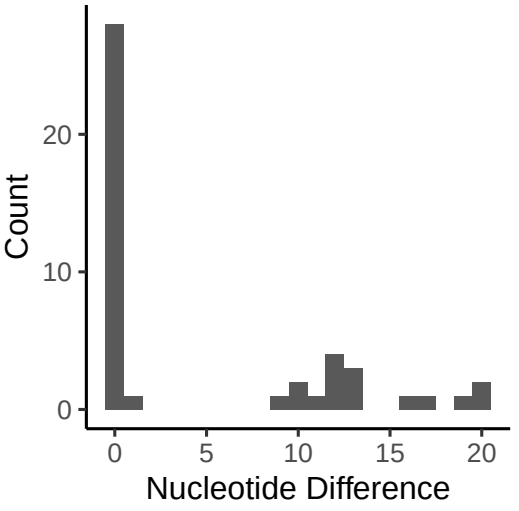
IGHV1−45*02

1 sequences assigned
No exact matches.



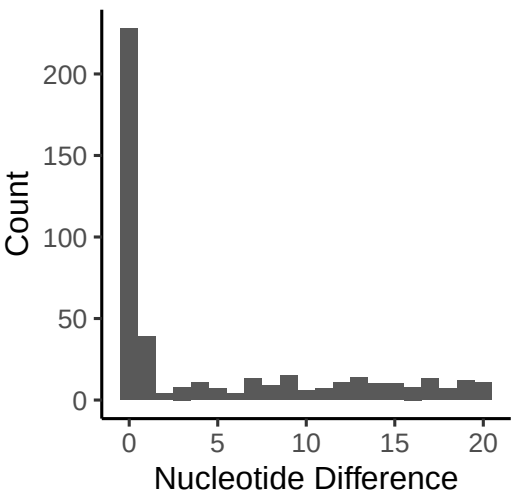
IGHV1−58*02

59 sequences assigned
28 (47.5%) exact matches, in which:
28 unique CDR3
5 unique J



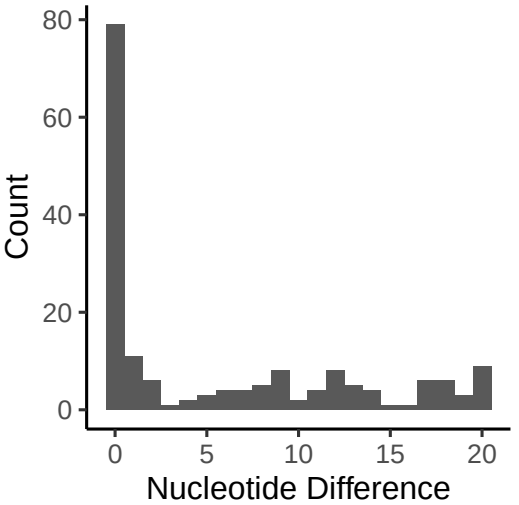
IGHV1−18*01

573 sequences assigned
228 (39.8%) exact matches, in which:
228 unique CDR3
6 unique J



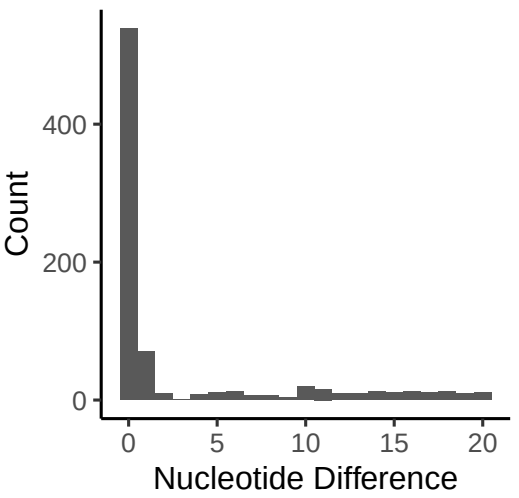
IGHV1−46*01

239 sequences assigned
79 (33.1%) exact matches, in which:
79 unique CDR3
6 unique J



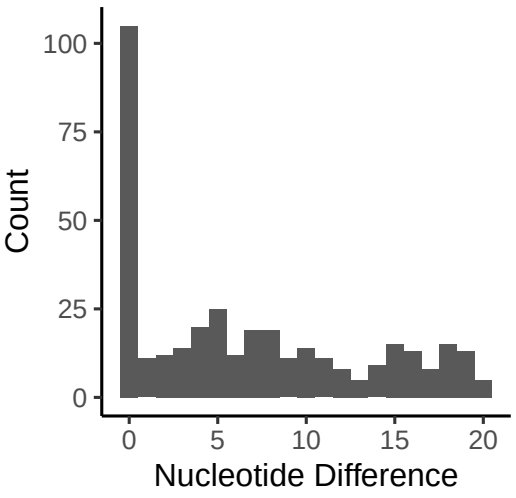
IGHV1−69*04

986 sequences assigned
539 (54.7%) exact matches, in which:
538 unique CDR3
6 unique J



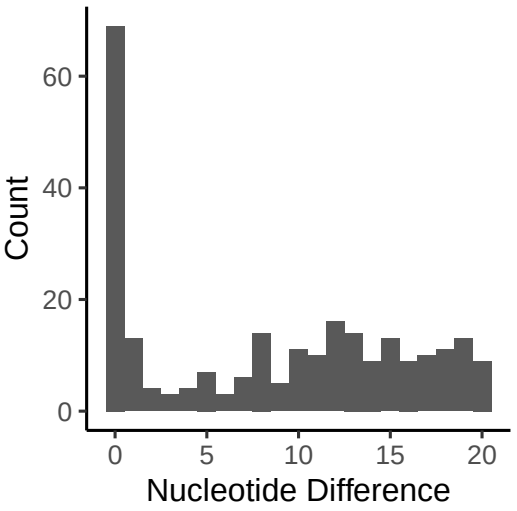
IGHV2−5*02

428 sequences assigned
105 (24.5%) exact matches, in which:
105 unique CDR3
5 unique J



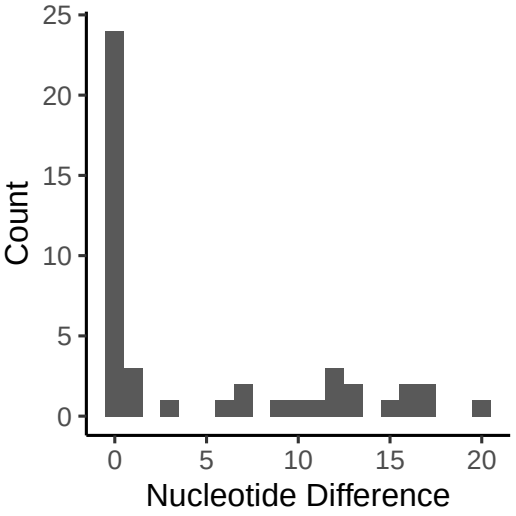
IGHV3−7*01

316 sequences assigned
69 (21.8%) exact matches, in which:
69 unique CDR3
6 unique J



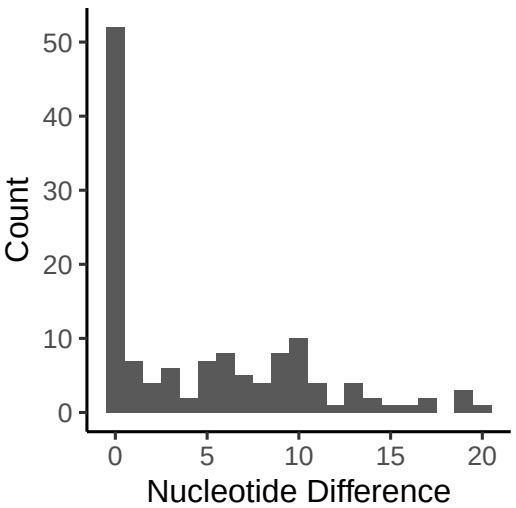
IGHV3−13*05

52 sequences assigned
24 (46.2%) exact matches, in which:
24 unique CDR3
4 unique J



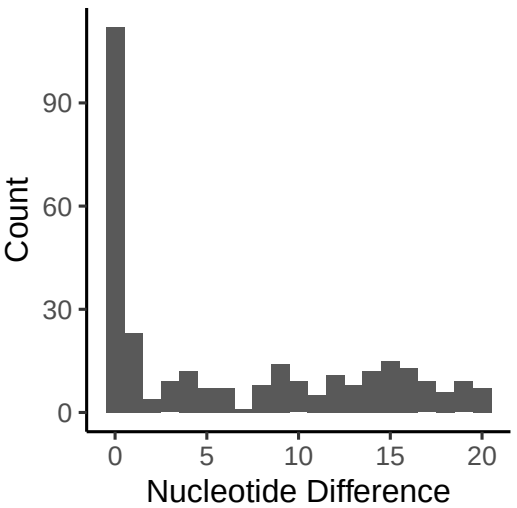
IGHV2−26*01

142 sequences assigned
52 (36.6%) exact matches, in which:
52 unique CDR3
5 unique J



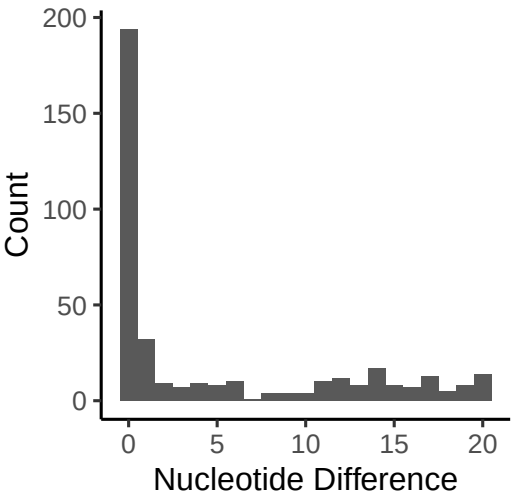
IGHV3−7*03

378 sequences assigned
112 (29.6%) exact matches, in which:
112 unique CDR3
6 unique J



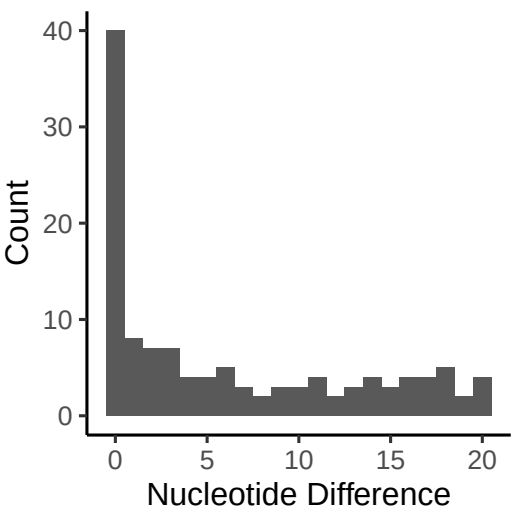
IGHV3−15*01

481 sequences assigned
194 (40.3%) exact matches, in which:
194 unique CDR3
6 unique J



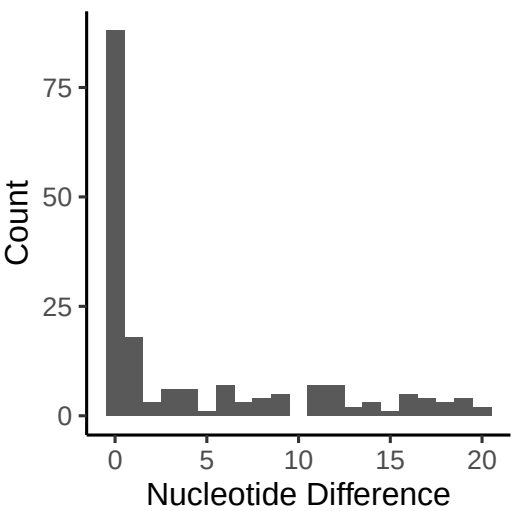
IGHV2−70*15

138 sequences assigned
40 (29%) exact matches, in which:
40 unique CDR3
4 unique J



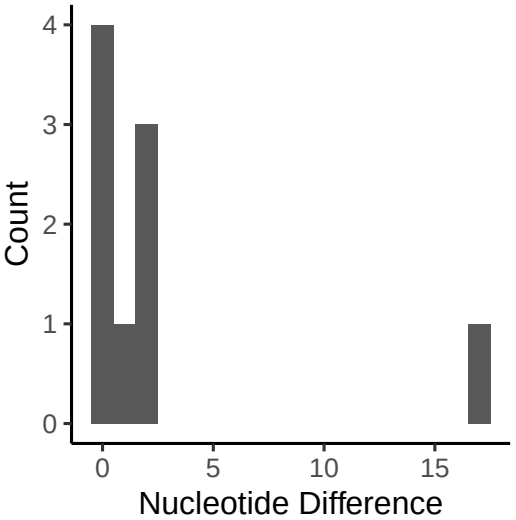
IGHV3−11*06

231 sequences assigned
88 (38.1%) exact matches, in which:
88 unique CDR3
6 unique J



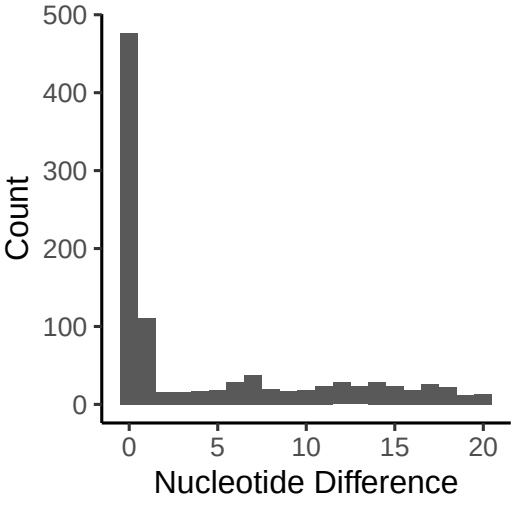
IGHV3−20*01

13 sequences assigned
4 (30.8%) exact matches, in which:
4 unique CDR3
2 unique J



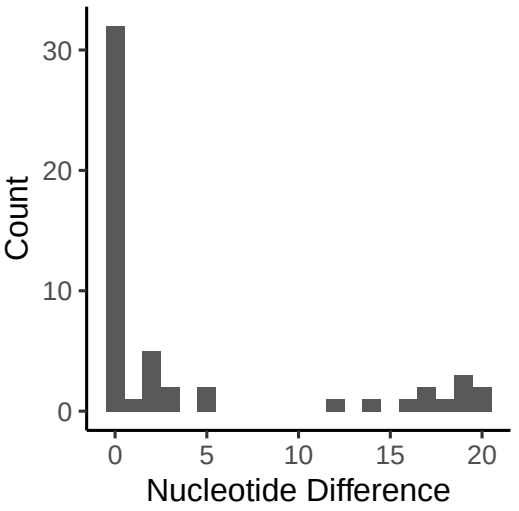
IGHV3−21*01

1119 sequences assigned
477 (42.6%) exact matches, in which:
475 unique CDR3
6 unique J



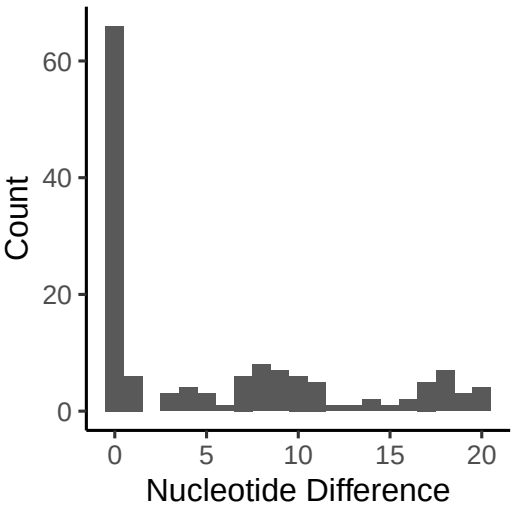
IGHV3−43*01

78 sequences assigned
32 (41%) exact matches, in which:
32 unique CDR3
3 unique J



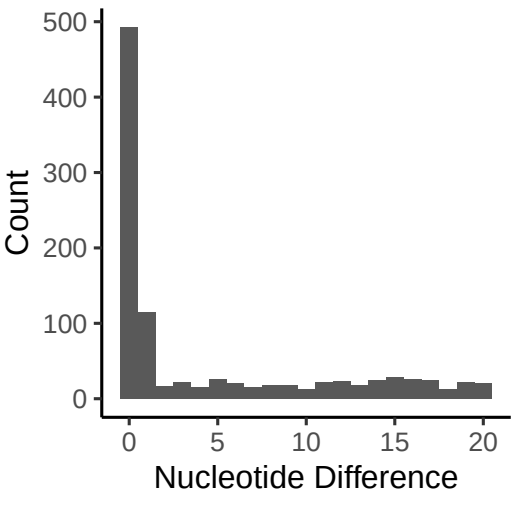
IGHV3−53*02

167 sequences assigned
66 (39.5%) exact matches, in which:
66 unique CDR3
5 unique J



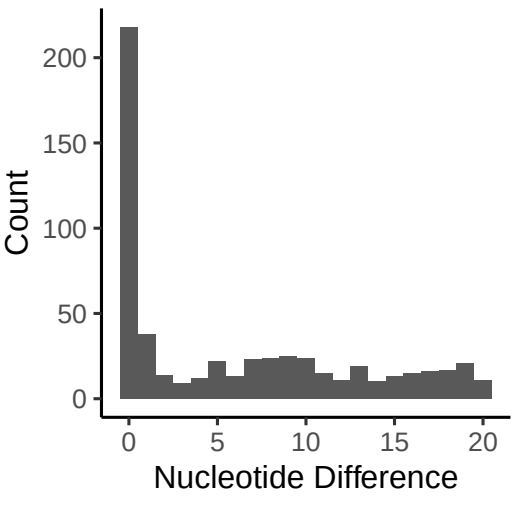
IGHV3−30−3*01

1248 sequences assigned
493 (39.5%) exact matches, in which:
492 unique CDR3
6 unique J



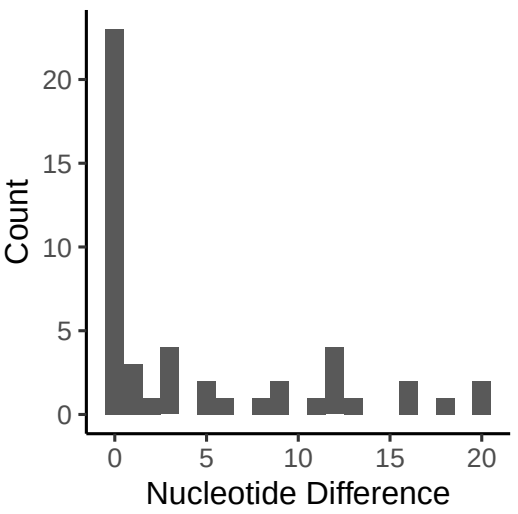
IGHV3−48*01

690 sequences assigned
218 (31.6%) exact matches, in which:
218 unique CDR3
6 unique J



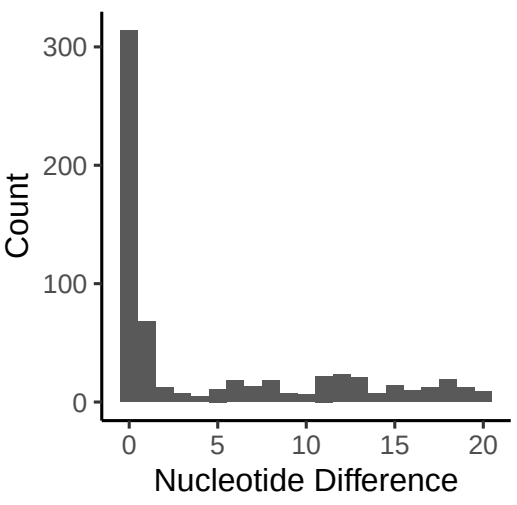
IGHV3−64*01

64 sequences assigned
23 (35.9%) exact matches, in which:
23 unique CDR3
5 unique J



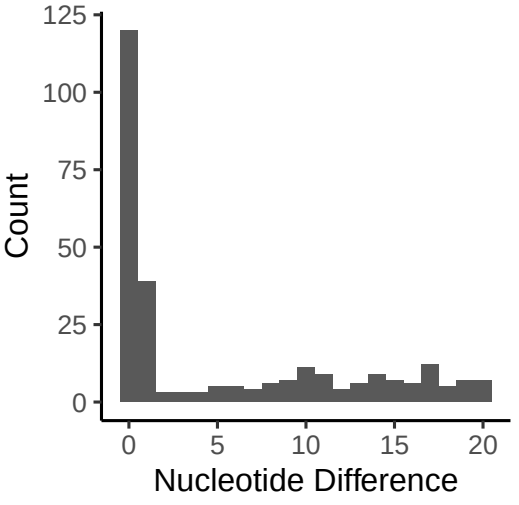
IGHV3−33*01

770 sequences assigned
314 (40.8%) exact matches, in which:
309 unique CDR3
6 unique J



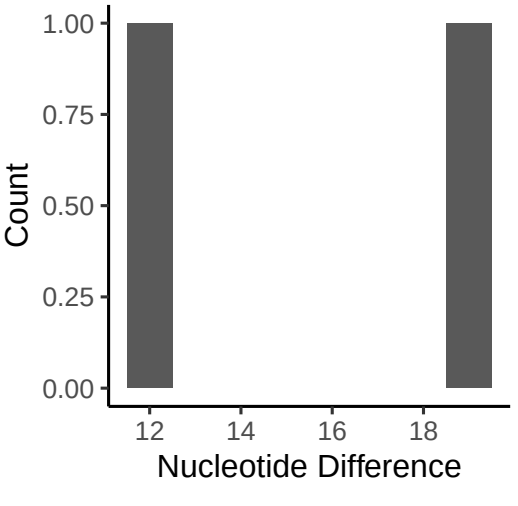
IGHV3−49*03

337 sequences assigned
120 (35.6%) exact matches, in which:
119 unique CDR3
5 unique J



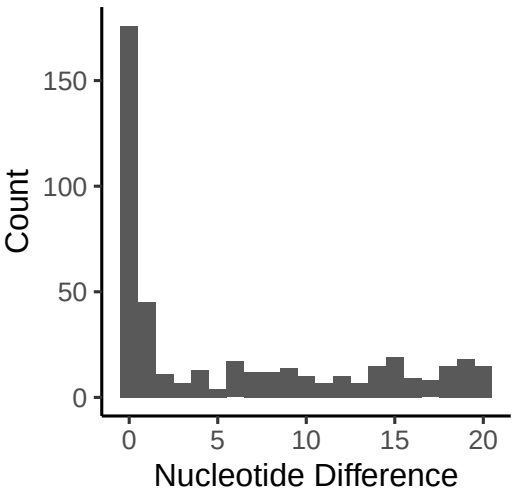
IGHV3−64*07

8 sequences assigned
No exact matches.



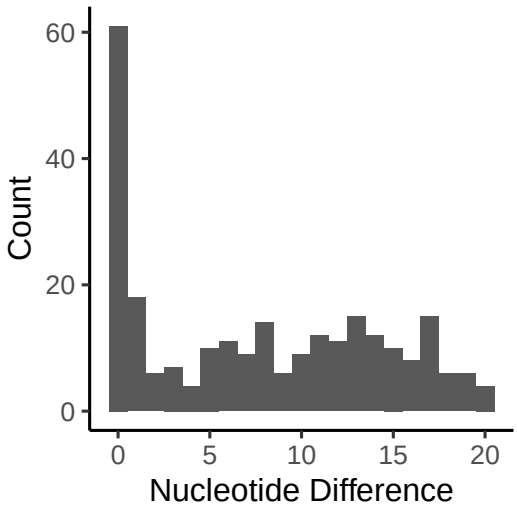
IGHV3−66*01

533 sequences assigned
176 (33%) exact matches, in which:
176 unique CDR3
6 unique J



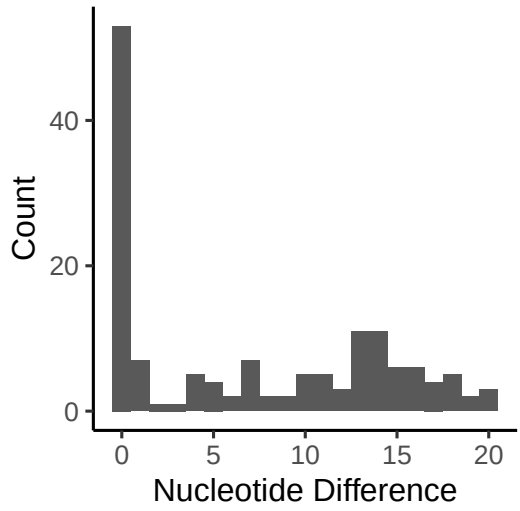
IGHV3−74*01

321 sequences assigned
61 (19%) exact matches, in which:
61 unique CDR3
5 unique J



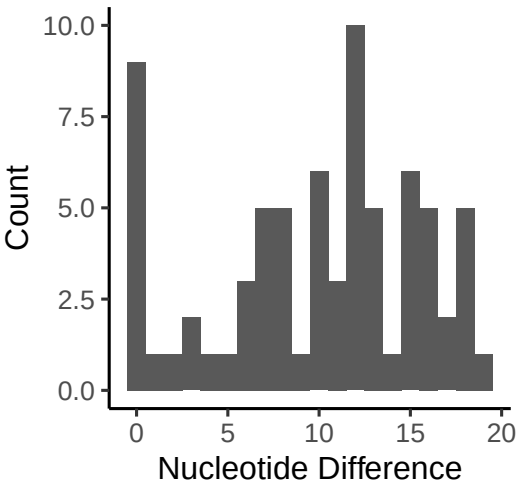
IGHV4−4*07

205 sequences assigned
53 (25.9%) exact matches, in which:
53 unique CDR3
4 unique J



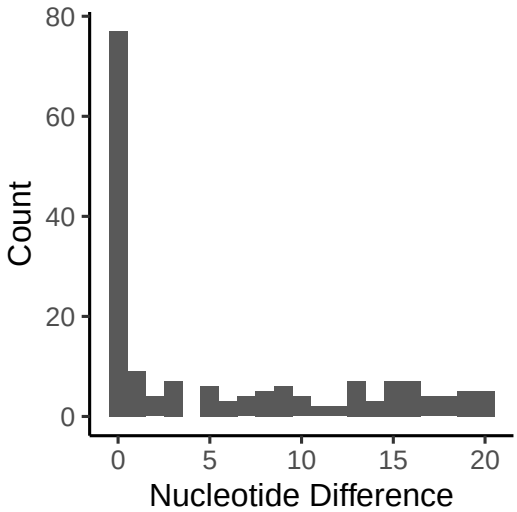
IGHV3−72*01

86 sequences assigned
9 (10.5%) exact matches, in which:
9 unique CDR3
3 unique J



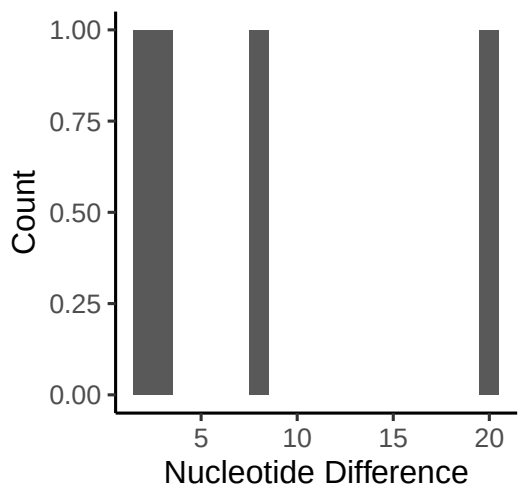
IGHV3−64D*06

214 sequences assigned
77 (36%) exact matches, in which:
77 unique CDR3
6 unique J



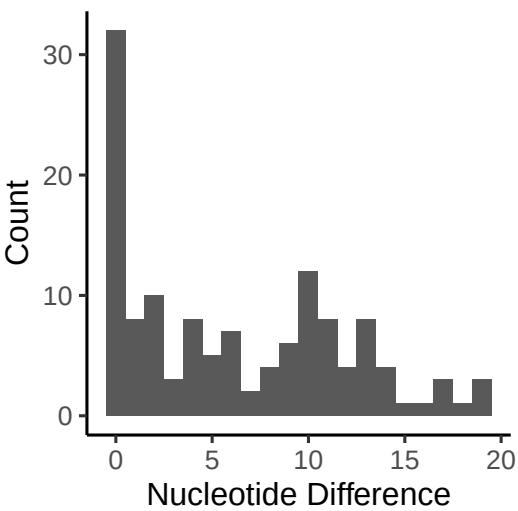
IGHV4−28*01

6 sequences assigned
No exact matches.



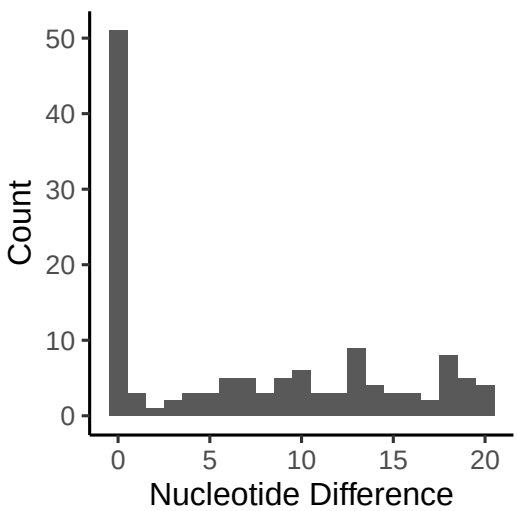
IGHV3−73*01

141 sequences assigned
32 (22.7%) exact matches, in which:
31 unique CDR3
5 unique J



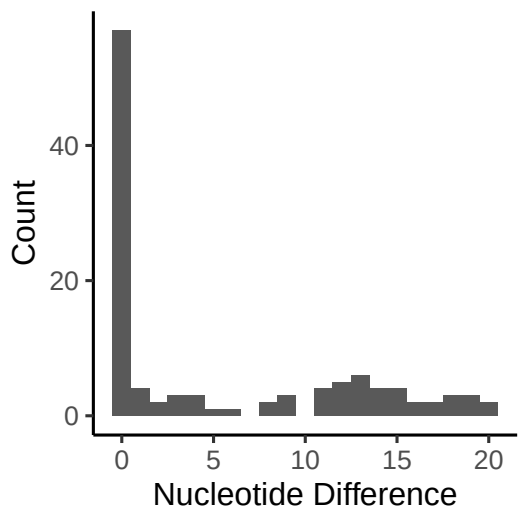
IGHV4−4*02

179 sequences assigned
51 (28.5%) exact matches, in which:
50 unique CDR3
5 unique J



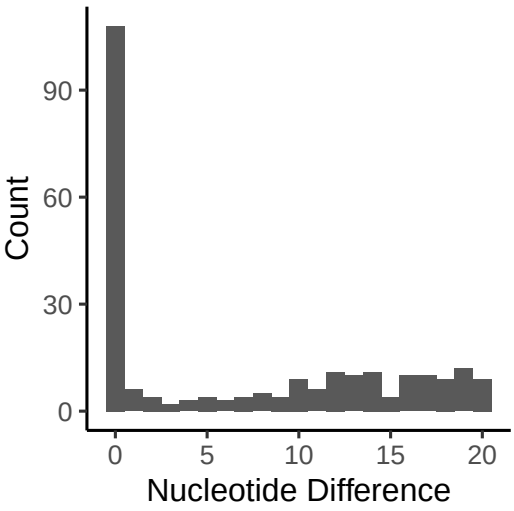
IGHV4−30−2*01

143 sequences assigned
57 (39.9%) exact matches, in which:
57 unique CDR3
6 unique J



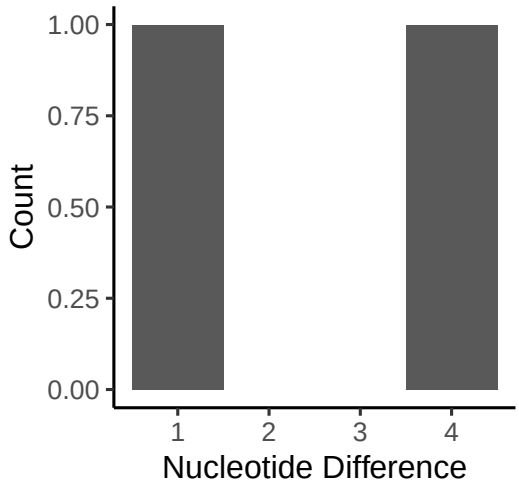
IGHV4−30−4*01

312 sequences assigned
108 (34.6%) exact matches, in which:
108 unique CDR3
5 unique J



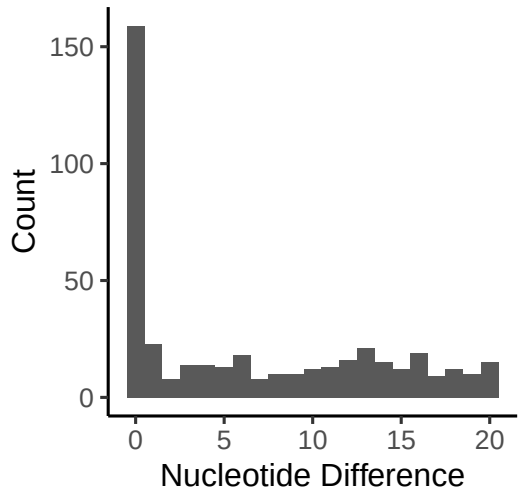
IGHV4−38−2*02

2 sequences assigned
No exact matches.



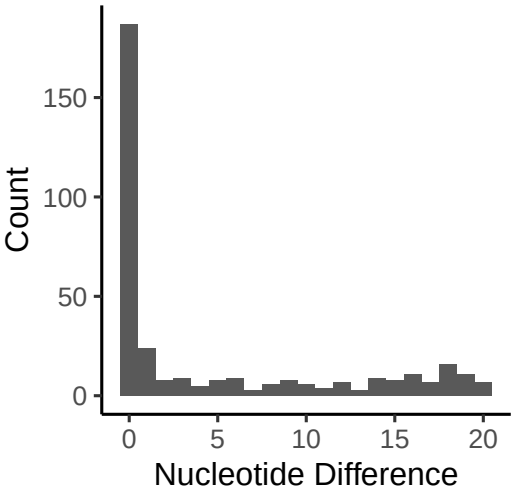
IGHV4−59*08

565 sequences assigned
159 (28.1%) exact matches, in which:
159 unique CDR3
6 unique J



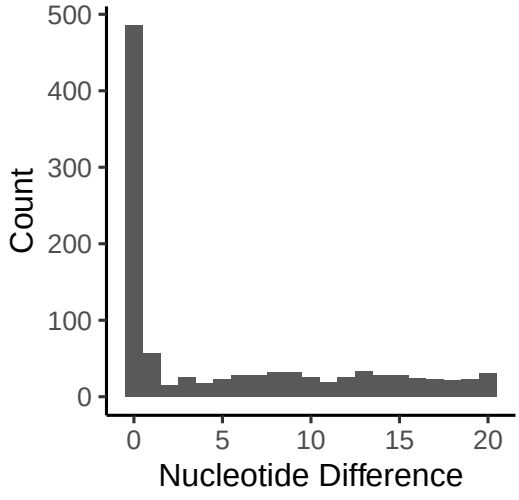
IGHV4−31*03

503 sequences assigned
187 (37.2%) exact matches, in which:
185 unique CDR3
5 unique J



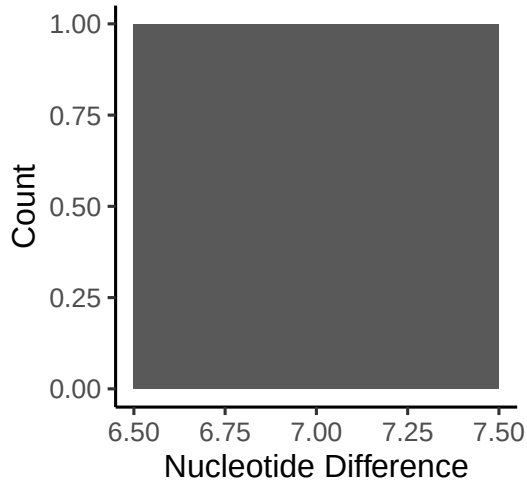
IGHV4−39*01

1370 sequences assigned
486 (35.5%) exact matches, in which:
481 unique CDR3
6 unique J



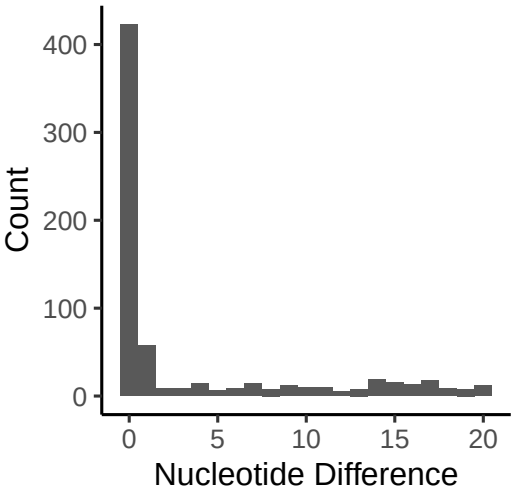
IGHV4−61*03

1 sequences assigned
No exact matches.



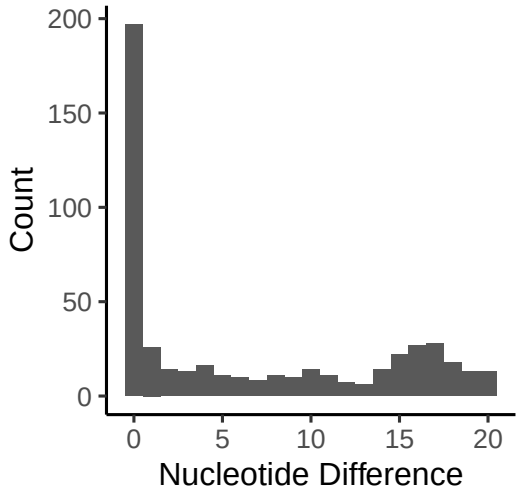
IGHV4−34*01

840 sequences assigned
423 (50.4%) exact matches, in which:
421 unique CDR3
6 unique J



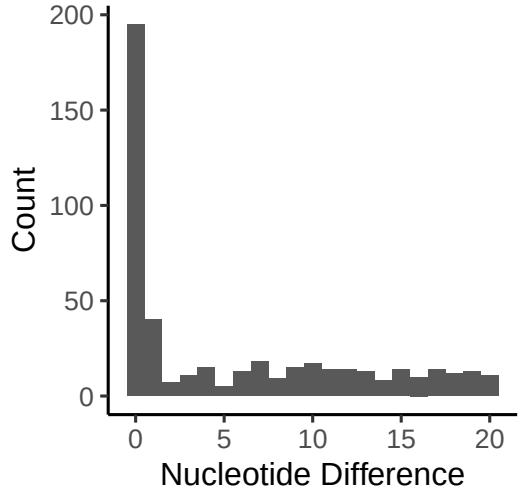
IGHV4−59*01

611 sequences assigned
197 (32.2%) exact matches, in which:
196 unique CDR3
6 unique J



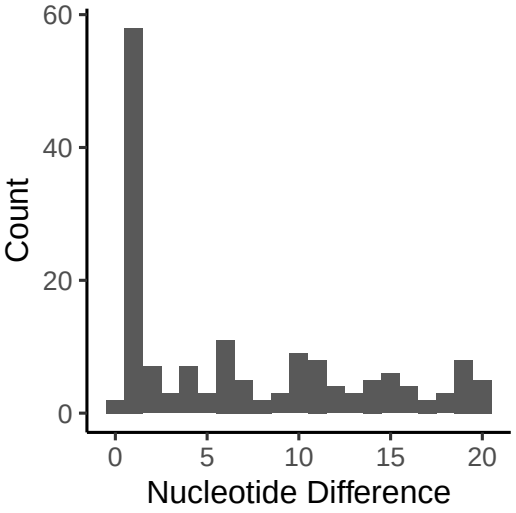
IGHV5−10−1*03

635 sequences assigned
195 (30.7%) exact matches, in which:
194 unique CDR3
6 unique J



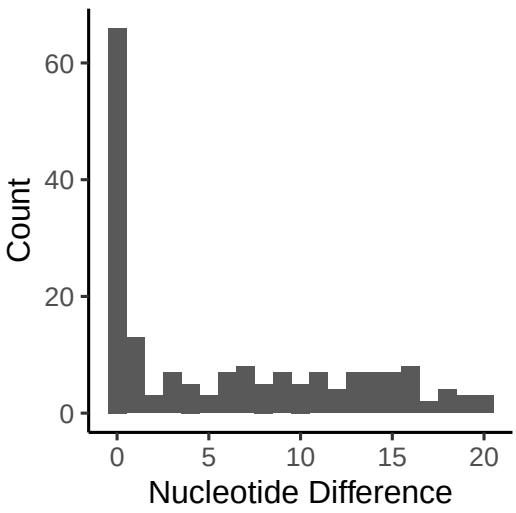
IGHV5−51*01

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



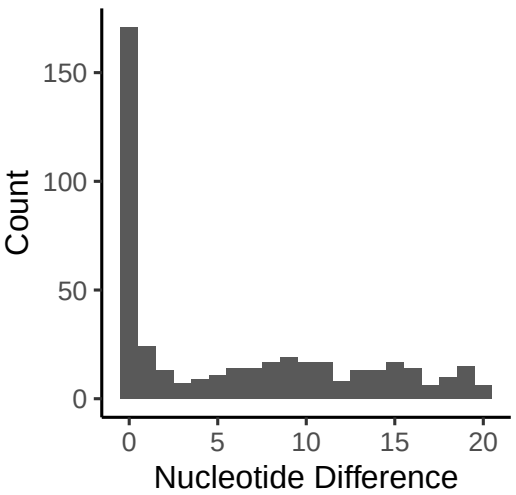
IGHV7−4−1*02

211 sequences assigned
66 (31.3%) exact matches, in which:
65 unique CDR3
6 unique J



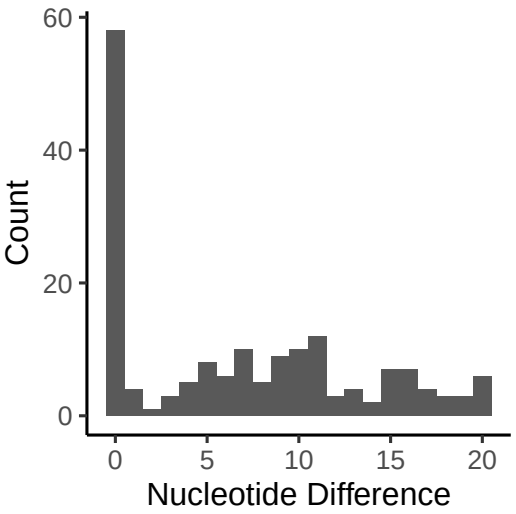
IGHV5−51*03

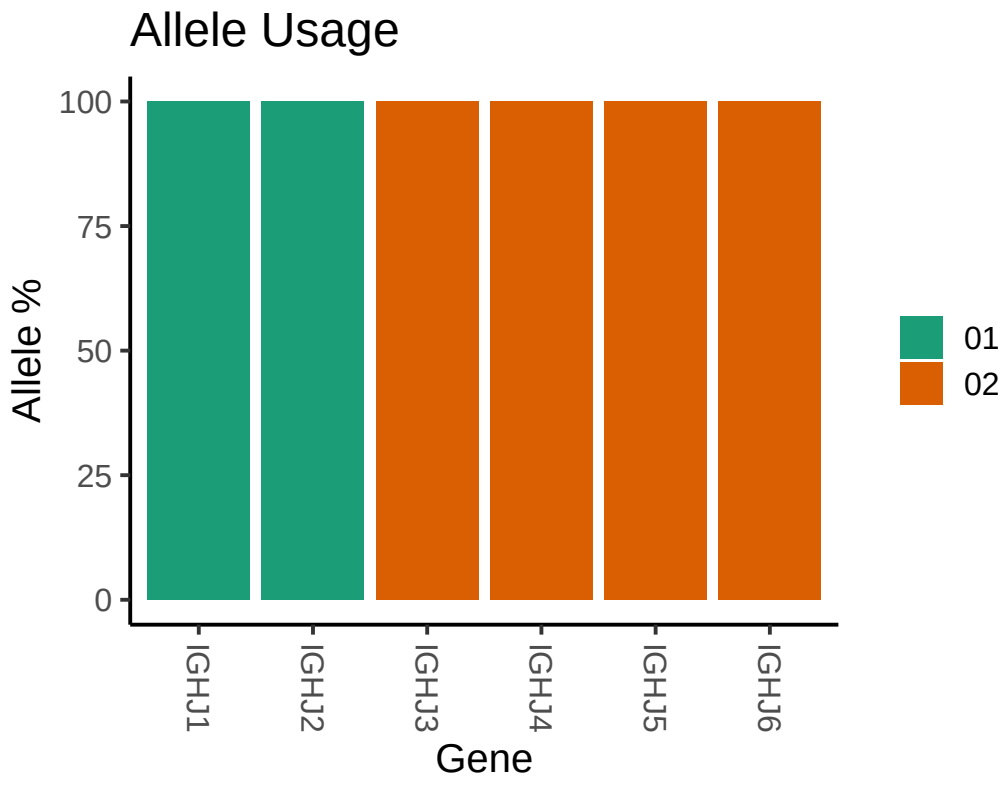
532 sequences assigned
171 (32.1%) exact matches, in which:
170 unique CDR3
6 unique J



IGHV6−1*01

208 sequences assigned
58 (27.9%) exact matches, in which:
58 unique CDR3
5 unique J




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

Warning − no inferred sequences found.

Warning − no inferred sequences found.

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