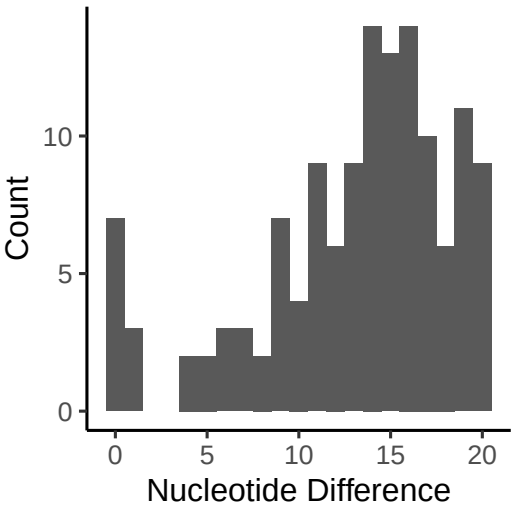
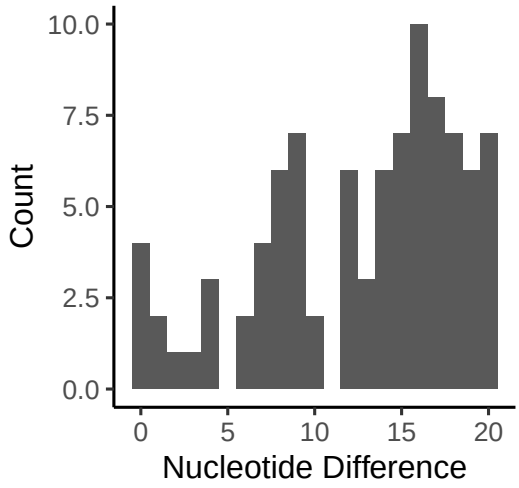
IGHV1−2*02

395 sequences assigned
7 (1.8%) exact matches, in which:
7 unique CDR3
4 unique J



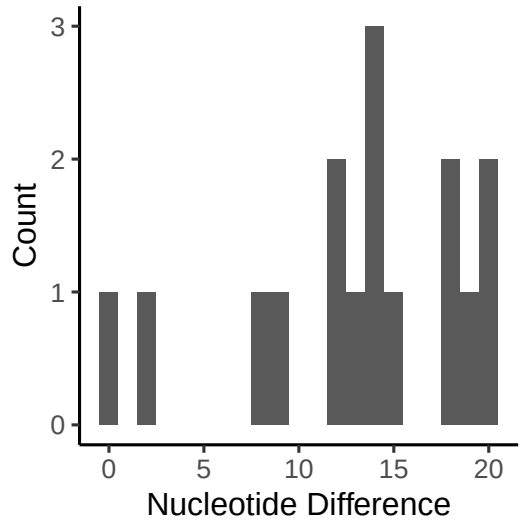
IGHV1−18*01

232 sequences assigned
4 (1.7%) exact matches, in which:
4 unique CDR3
3 unique J



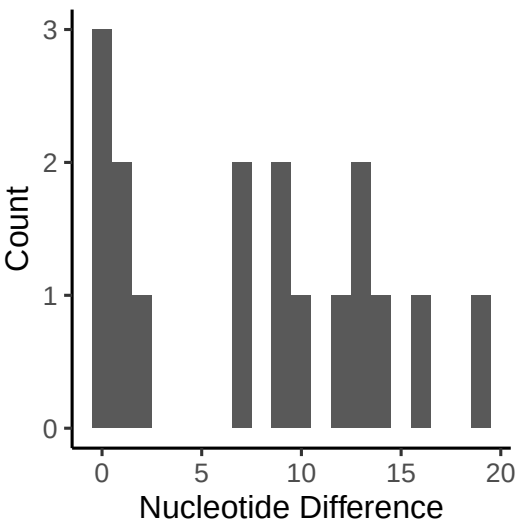
IGHV1−46*03

32 sequences assigned
1 (3.1%) exact matches, in which:
1 unique CDR3
1 unique J



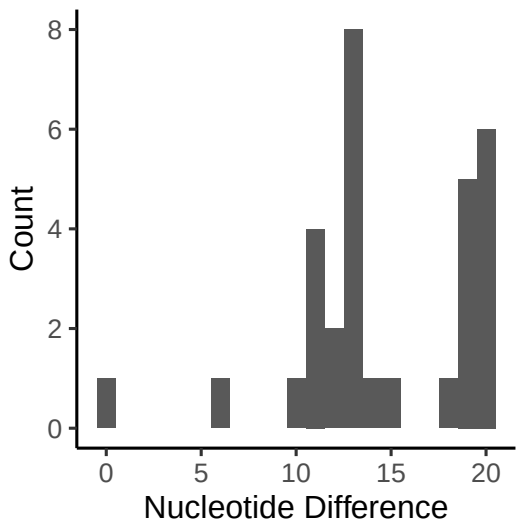
IGHV1−8*01

38 sequences assigned
3 (7.9%) exact matches, in which:
3 unique CDR3
2 unique J



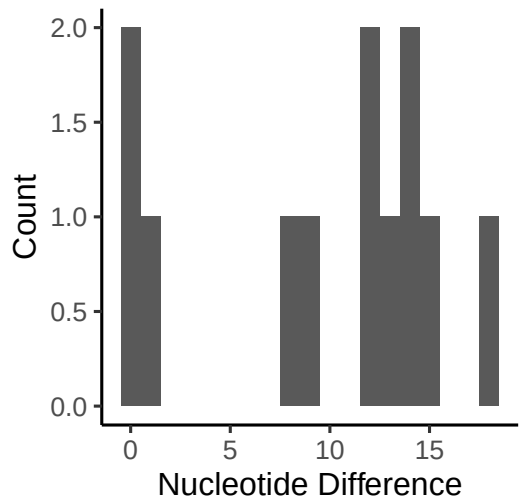
IGHV1−24*01

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



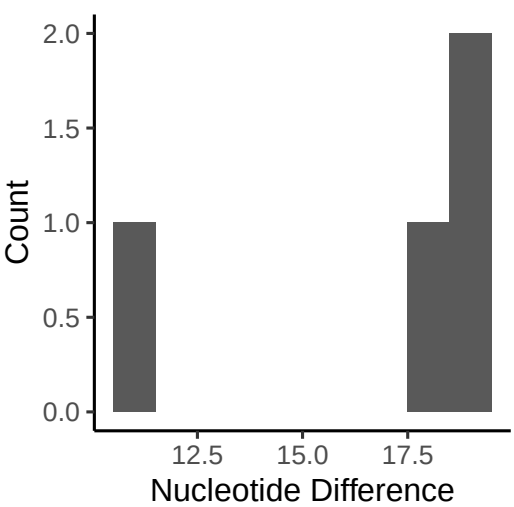
IGHV1−58*01

14 sequences assigned
2 (14.3%) exact matches, in which:
1 unique CDR3
1 unique J



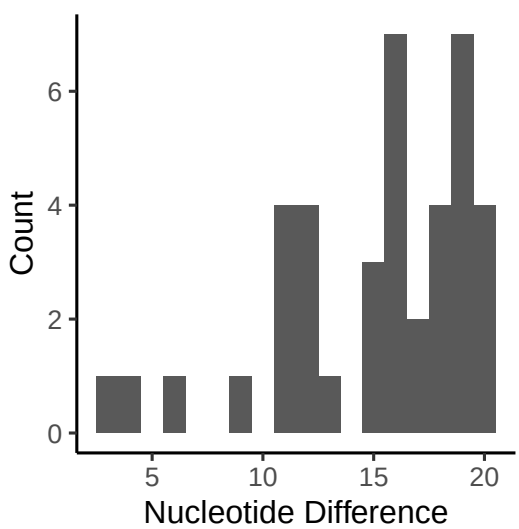
IGHV1−8*02

6 sequences assigned
No exact matches.



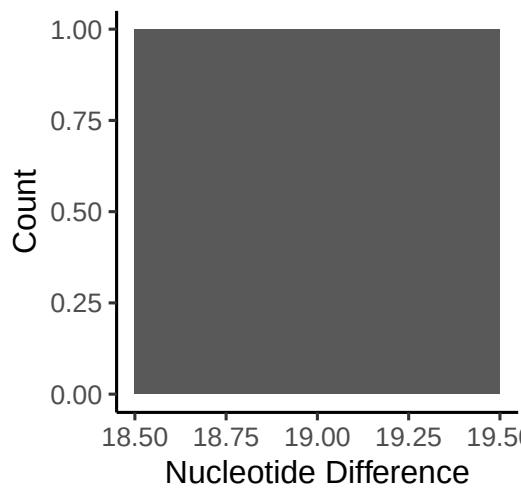
IGHV1−46*01

109 sequences assigned
No exact matches.



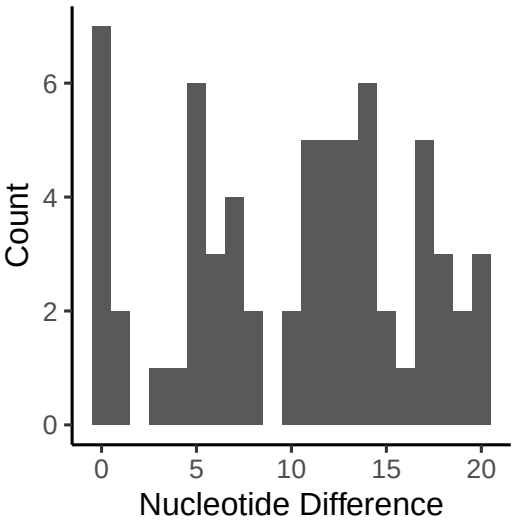
IGHV1−58*03

1 sequences assigned
No exact matches.



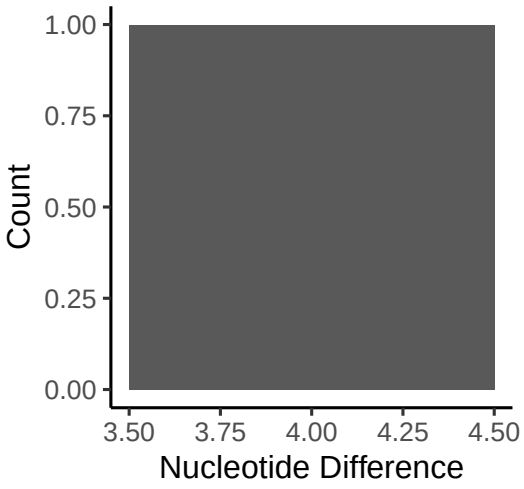
IGHV2−5*01

199 sequences assigned
7 (3.5%) exact matches, in which:
7 unique CDR3
2 unique J



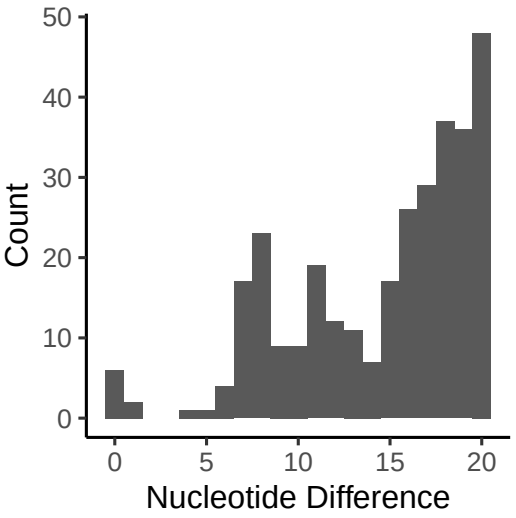
IGHV2−70*13

10 sequences assigned
No exact matches.



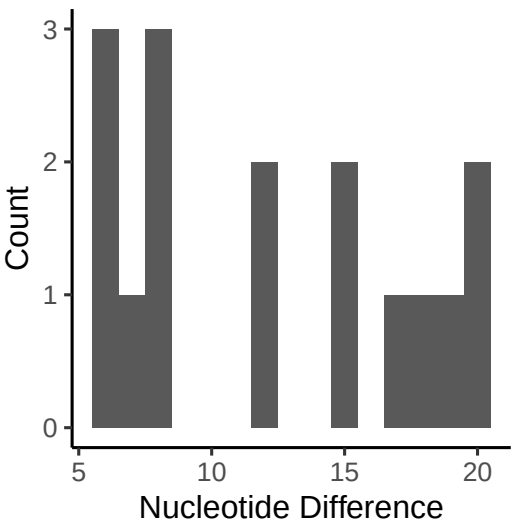
IGHV3−9*01

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



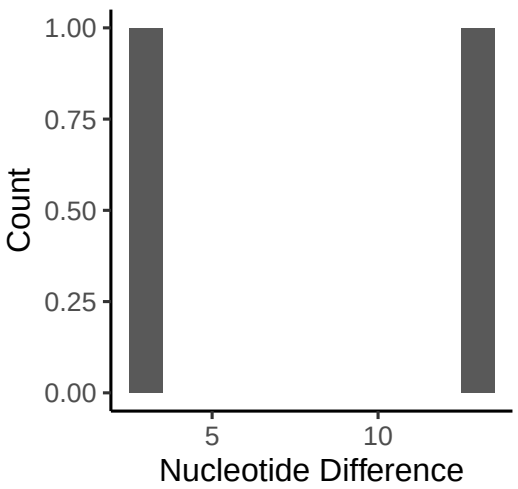
IGHV2−26*01

42 sequences assigned
No exact matches.



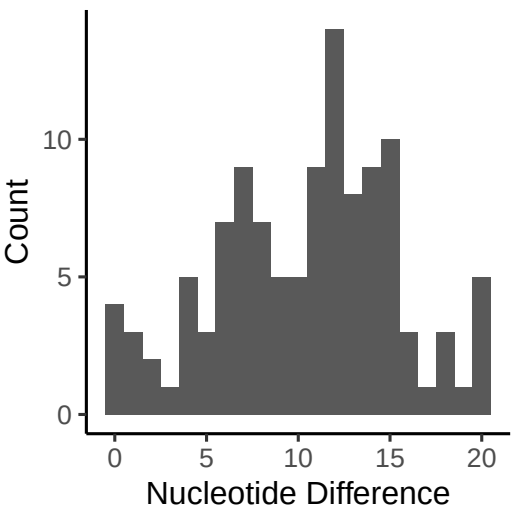
IGHV2−70*20

5 sequences assigned
No exact matches.



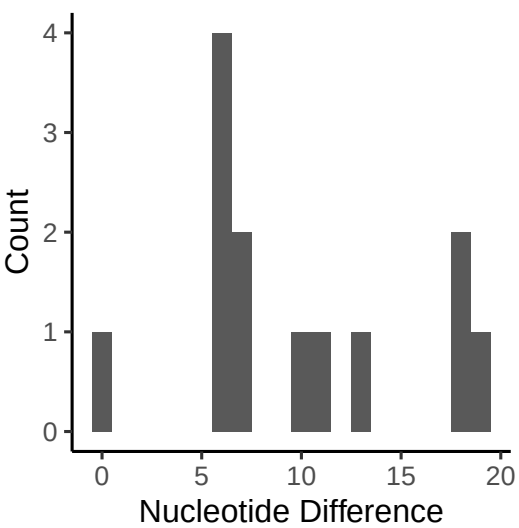
IGHV3−11*01

282 sequences assigned
4 (1.4%) exact matches, in which:
4 unique CDR3
2 unique J



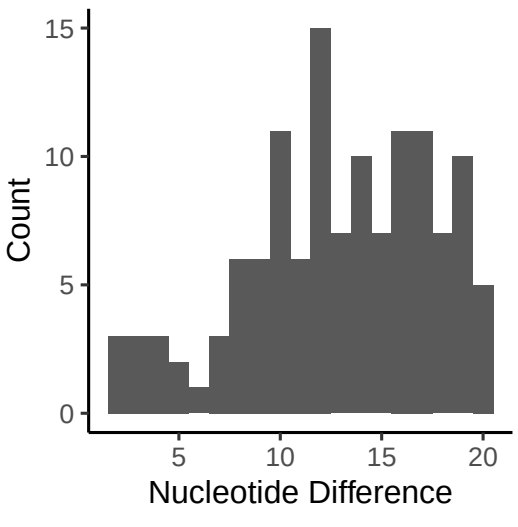
IGHV2−70*01

22 sequences assigned
1 (4.5%) exact matches, in which:
1 unique CDR3
1 unique J



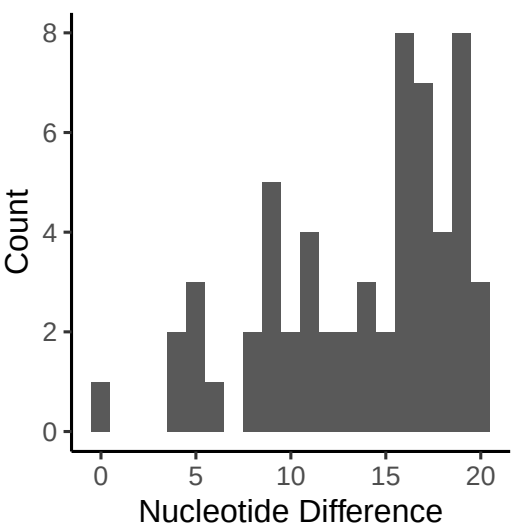
IGHV3−7*01

195 sequences assigned
No exact matches.



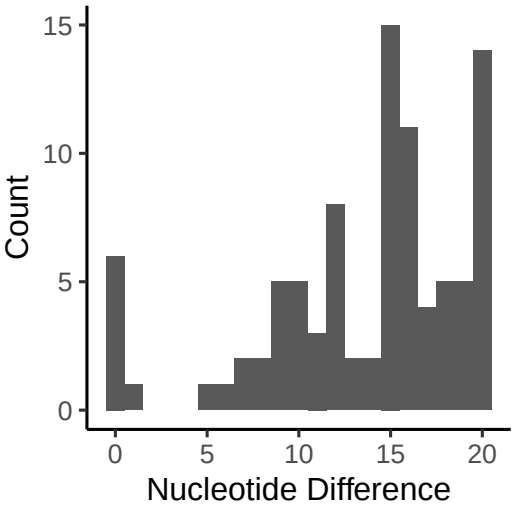
IGHV3−13*01

75 sequences assigned
1 (1.3%) exact matches, in which:
1 unique CDR3
1 unique J



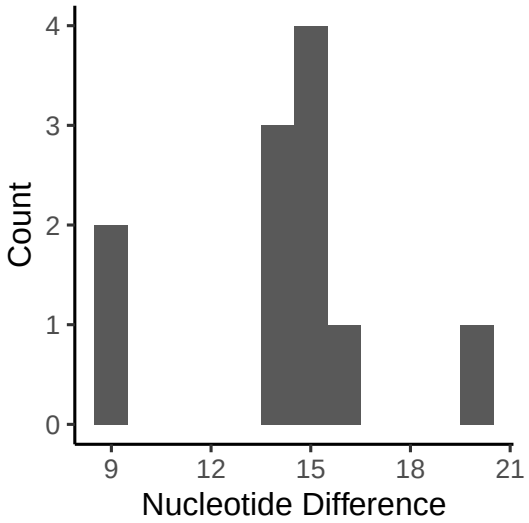
IGHV3−15*01

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



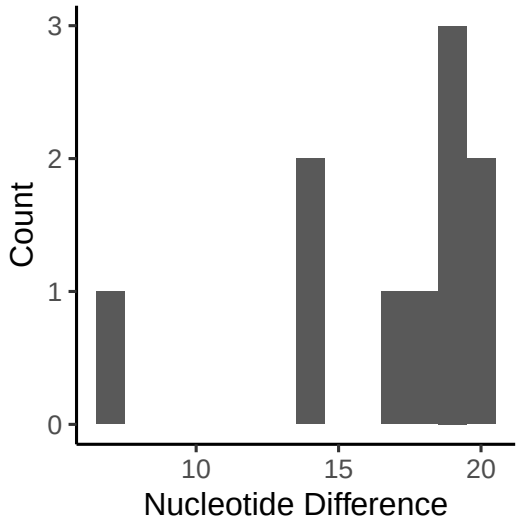
IGHV3−21*02

27 sequences assigned
No exact matches.



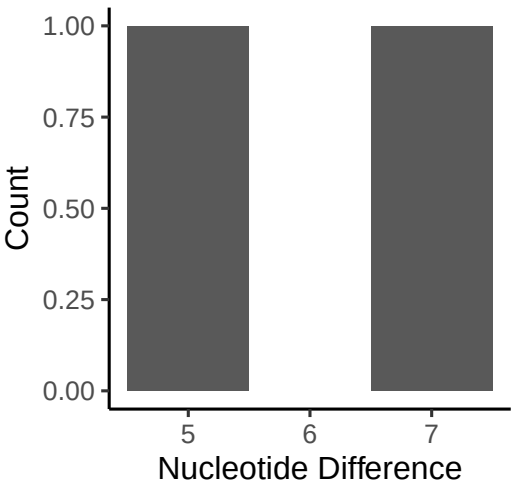
IGHV3−30*03

38 sequences assigned
No exact matches.



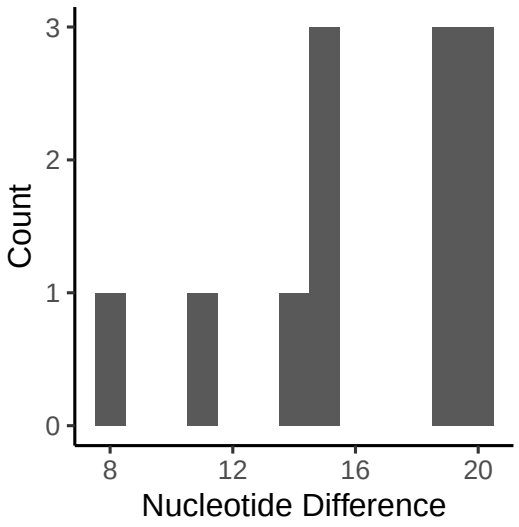
IGHV3−20*01

2 sequences assigned
No exact matches.



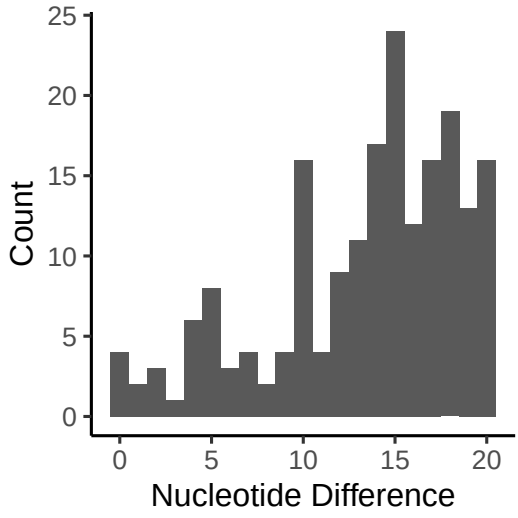
IGHV3−21*06

89 sequences assigned
No exact matches.



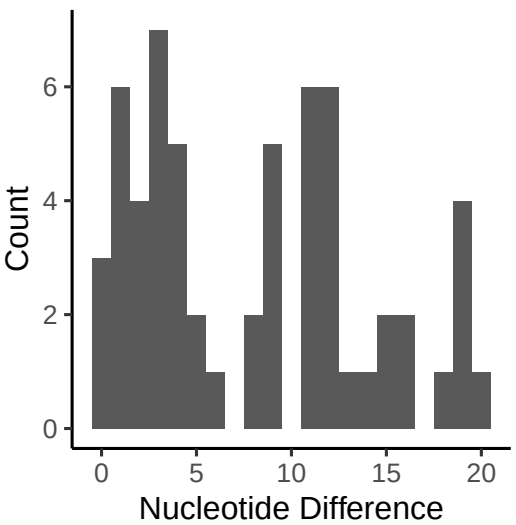
IGHV3−33*01

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



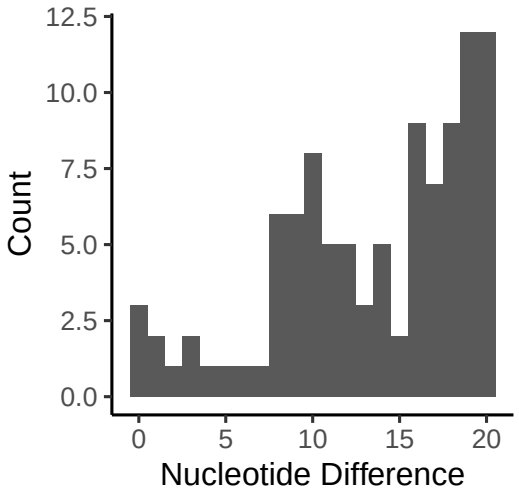
IGHV3−21*01

95 sequences assigned
3 (3.2%) exact matches, in which:
3 unique CDR3
1 unique J



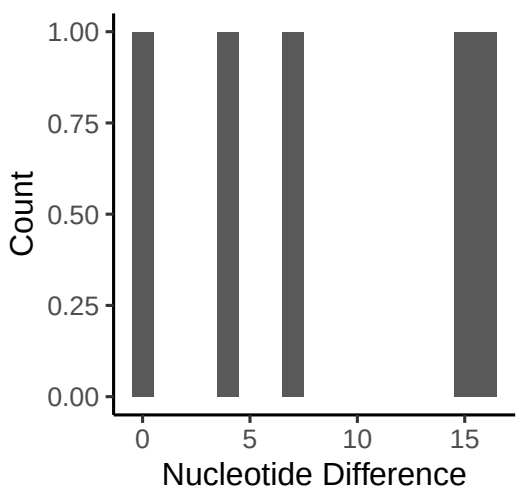
IGHV3−30−3*01

335 sequences assigned
3 (0.9%) exact matches, in which:
3 unique CDR3
2 unique J



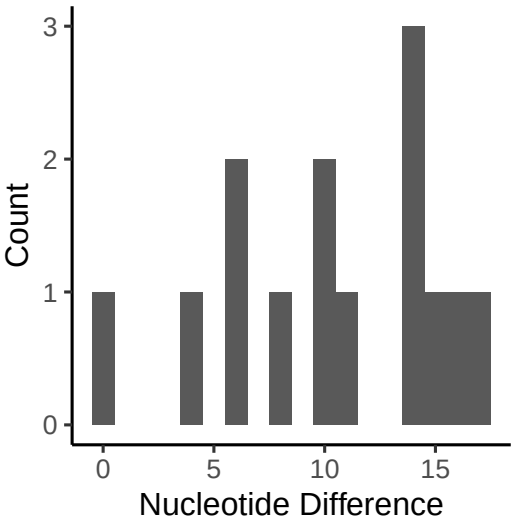
IGHV3−43*01

142 sequences assigned
1 (0.7%) exact matches, in which:
1 unique CDR3
1 unique J



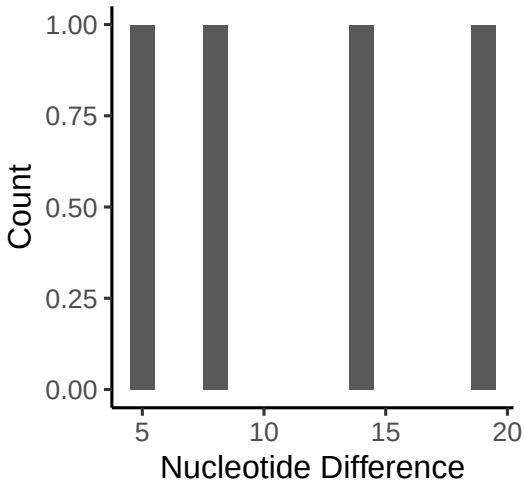
IGHV3−48*01

27 sequences assigned
1 (3.7%) exact matches, in which:
1 unique CDR3
1 unique J



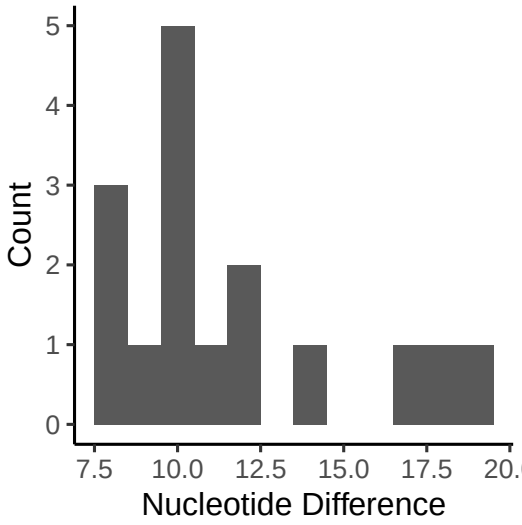
IGHV3−49*05

20 sequences assigned
No exact matches.



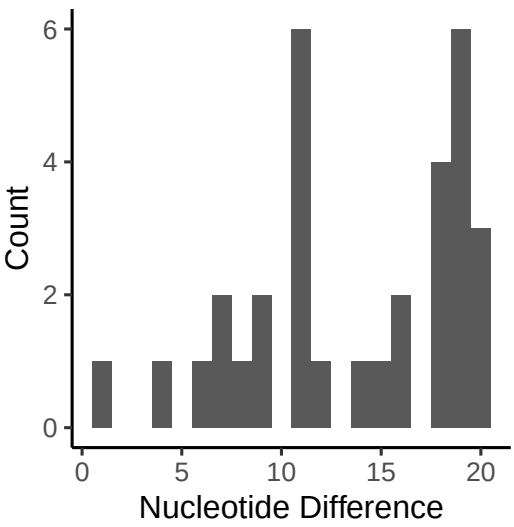
IGHV3−72*01

29 sequences assigned
No exact matches.



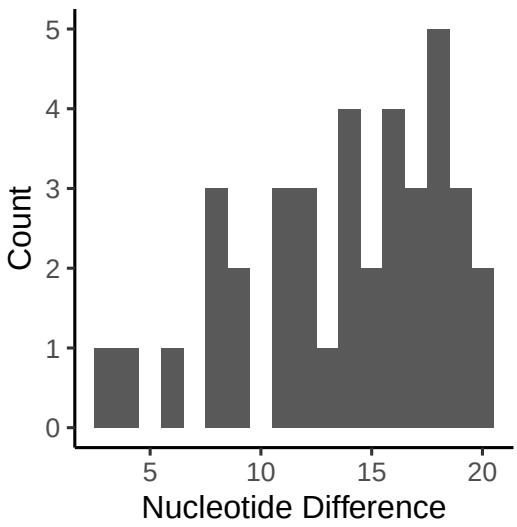
IGHV3−48*02

45 sequences assigned
No exact matches.



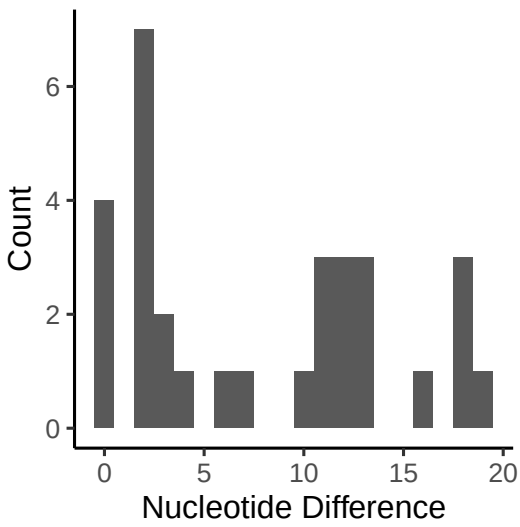
IGHV3−53*01

87 sequences assigned
No exact matches.



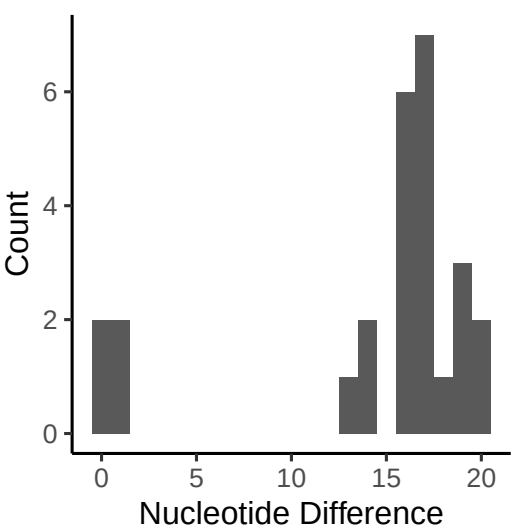
IGHV3−73*02

125 sequences assigned
4 (3.2%) exact matches, in which:
2 unique CDR3
1 unique J



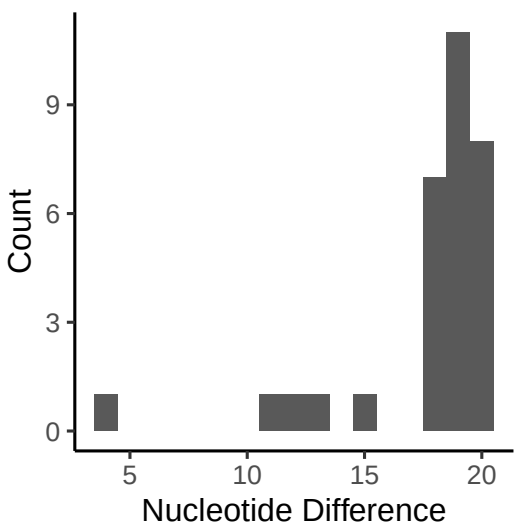
IGHV3−49*03

29 sequences assigned
2 (6.9%) exact matches, in which:
1 unique CDR3
1 unique J



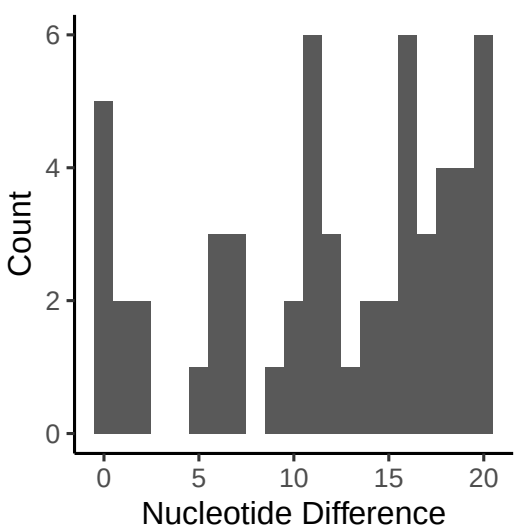
IGHV3−53*02

95 sequences assigned
No exact matches.



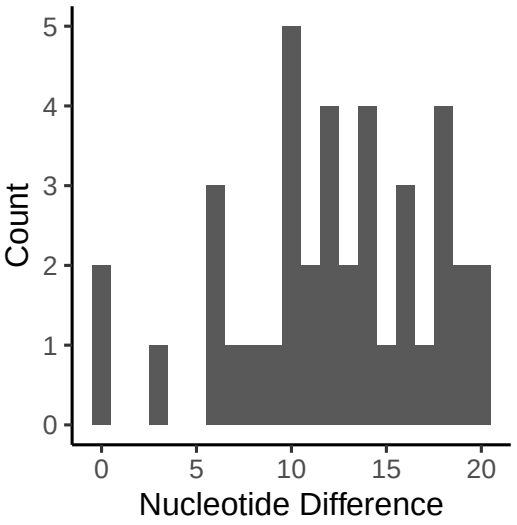
IGHV3−74*01

94 sequences assigned
5 (5.3%) exact matches, in which:
3 unique CDR3
3 unique J



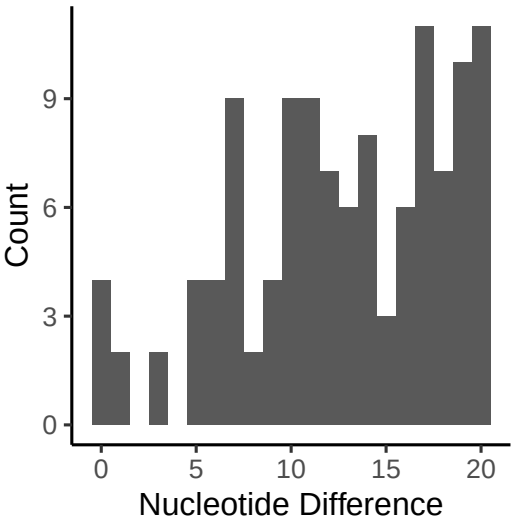
IGHV4−4*07

109 sequences assigned
2 (1.8%) exact matches, in which:
2 unique CDR3
1 unique J



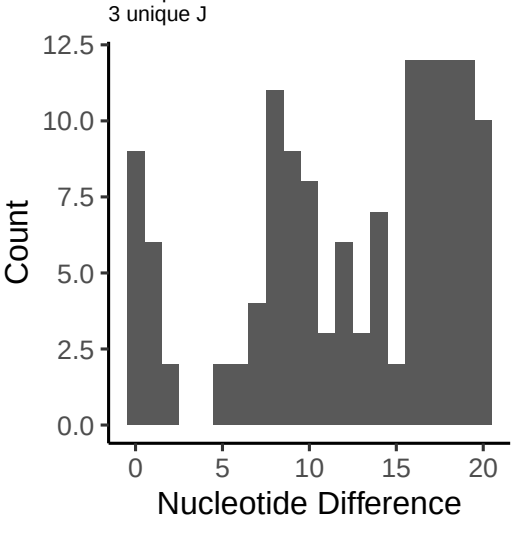
IGHV4−31*03

261 sequences assigned
4 (1.5%) exact matches, in which:
3 unique CDR3
2 unique J



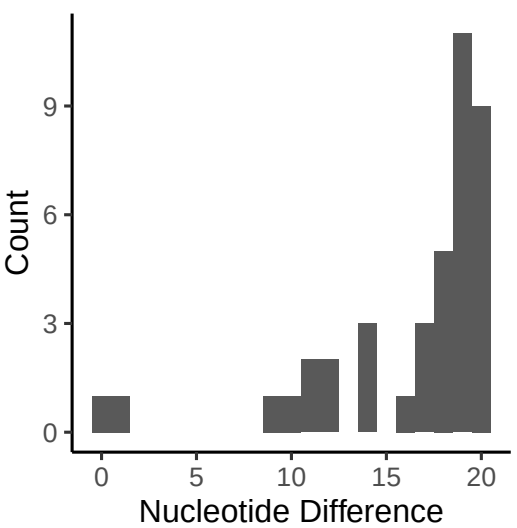
IGHV4−39*01

489 sequences assigned
9 (1.8%) exact matches, in which:
7 unique CDR3
3 unique J



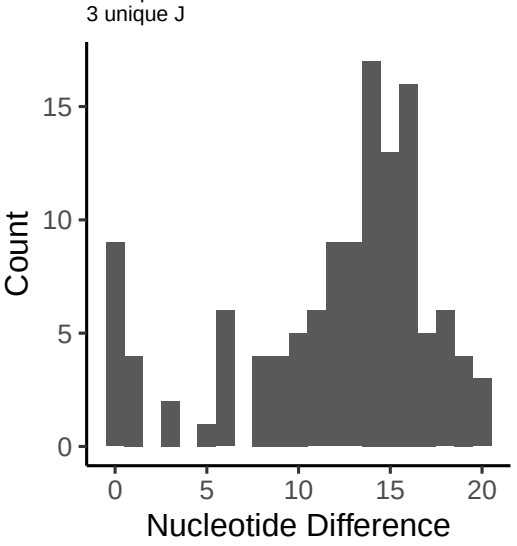
IGHV4−30−4*01

164 sequences assigned
1 (0.6%) exact matches, in which:
1 unique CDR3
1 unique J



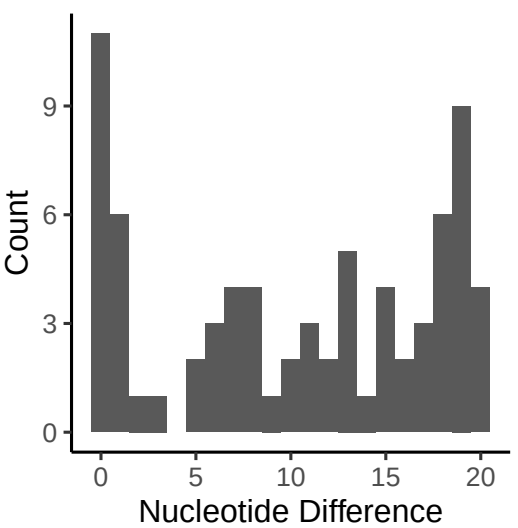
IGHV4−34*01

251 sequences assigned
9 (3.6%) exact matches, in which:
9 unique CDR3
3 unique J



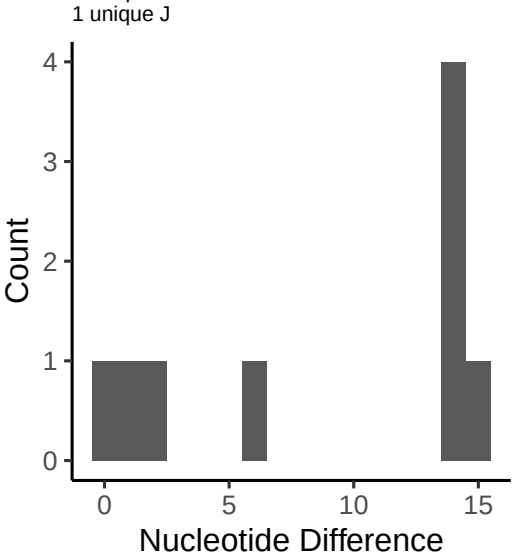
IGHV4−59*01

136 sequences assigned
11 (8.1%) exact matches, in which:
11 unique CDR3
4 unique J



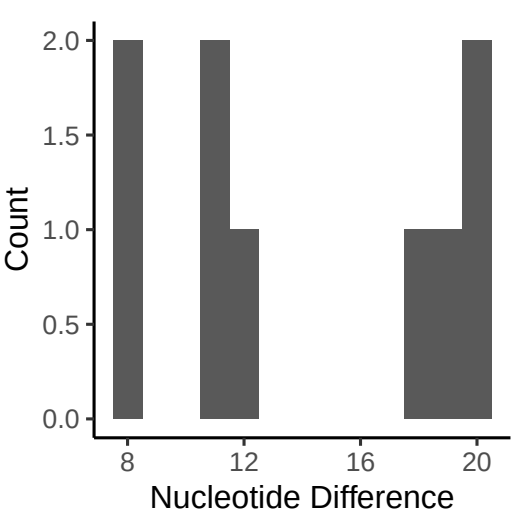
IGHV4−30−2*01

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



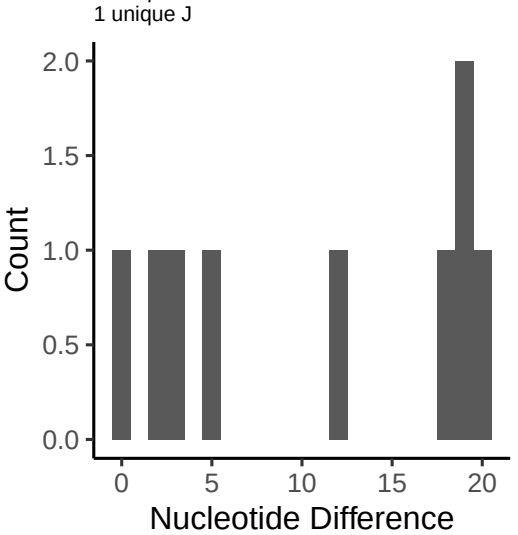
IGHV4−34*02

62 sequences assigned
No exact matches.



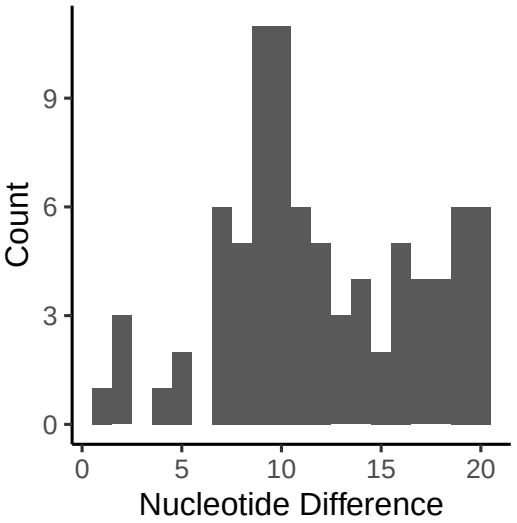
IGHV4−61*01

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



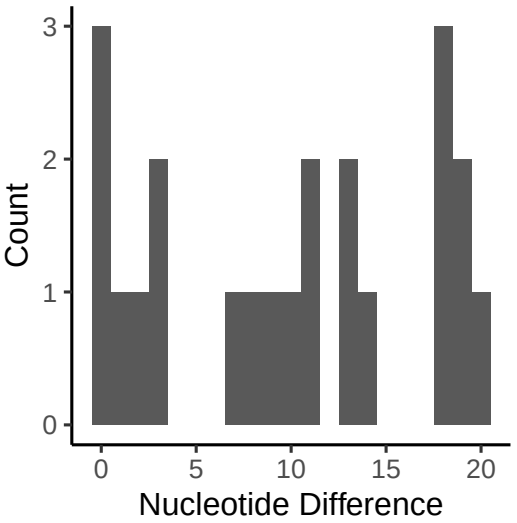
IGHV4−61*02

147 sequences assigned
No exact matches.



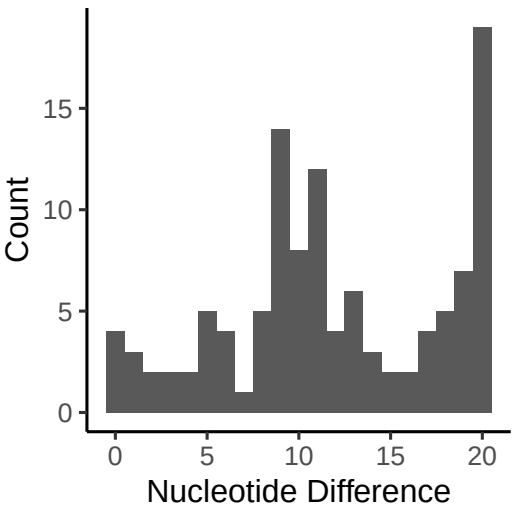
IGHV6−1*01

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



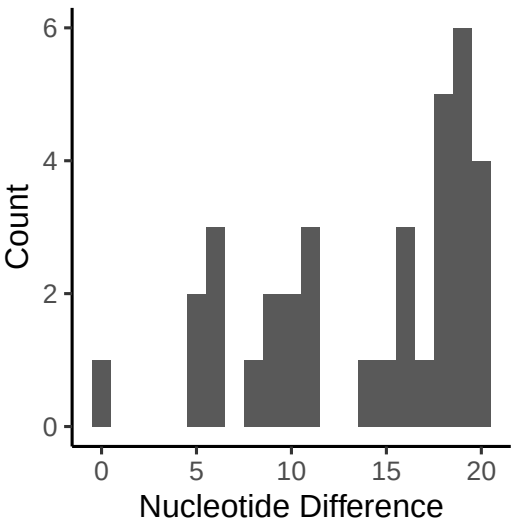
IGHV5−51*01

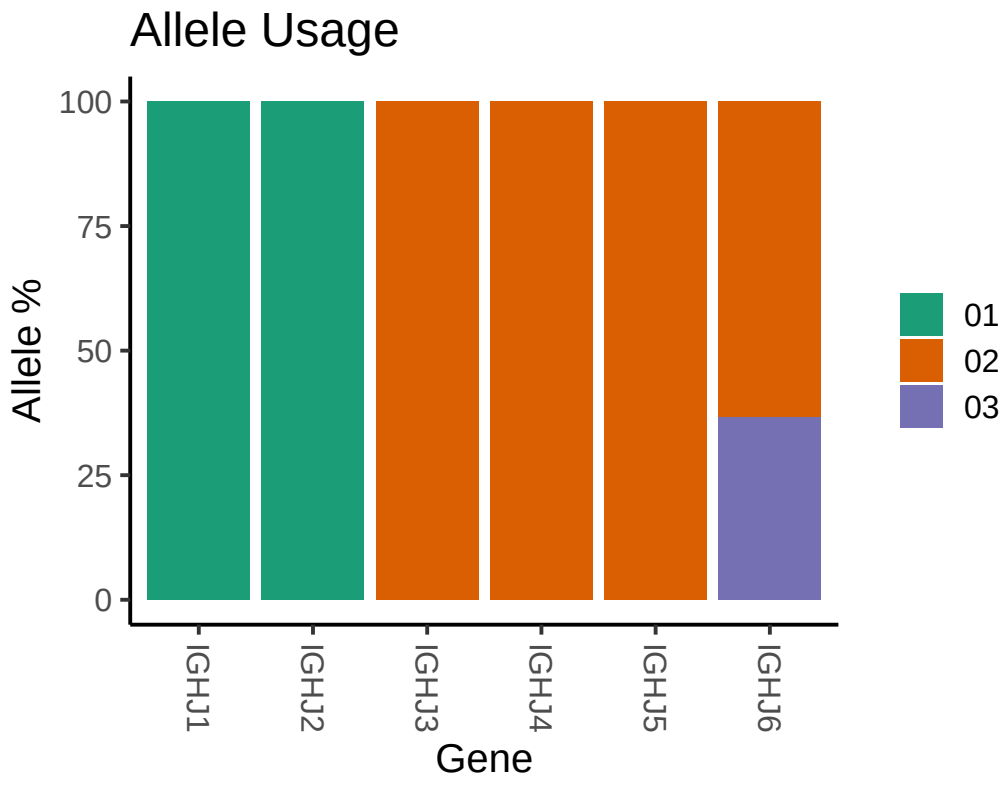
183 sequences assigned
4 (2.2%) exact matches, in which:
2 unique CDR3
2 unique J



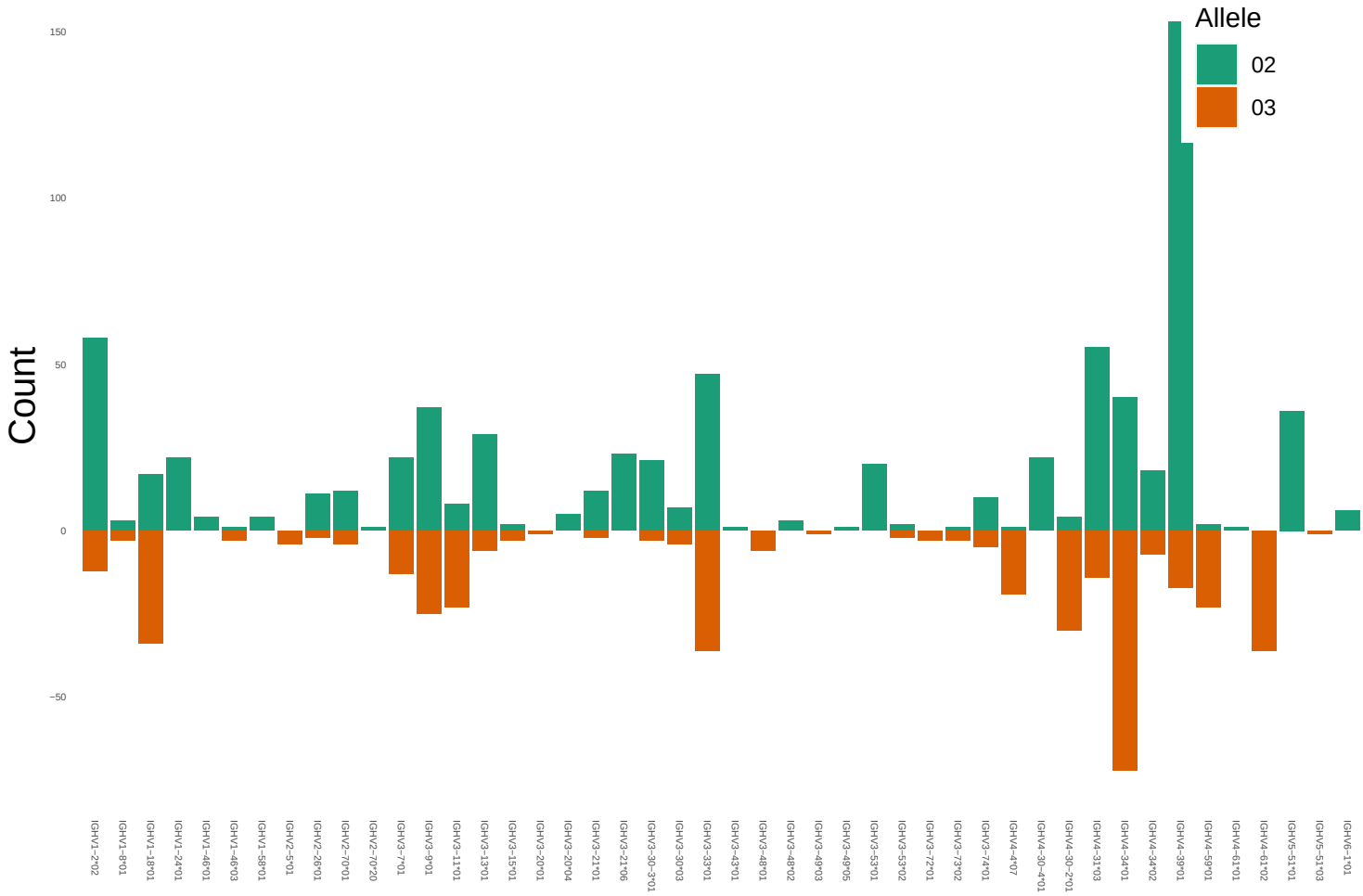
IGHV5−51*03

60 sequences assigned
1 (1.7%) exact matches, in which:
1 unique CDR3
1 unique J




Allele Usage
100
75
50
25
0
Allele %
IGHJ1
IGHJ2
IGHJ3
IGHJ4
IGHJ5
IGHJ6
Gene
01
02
03

Sequence Count by IGHJ6 allele usage



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