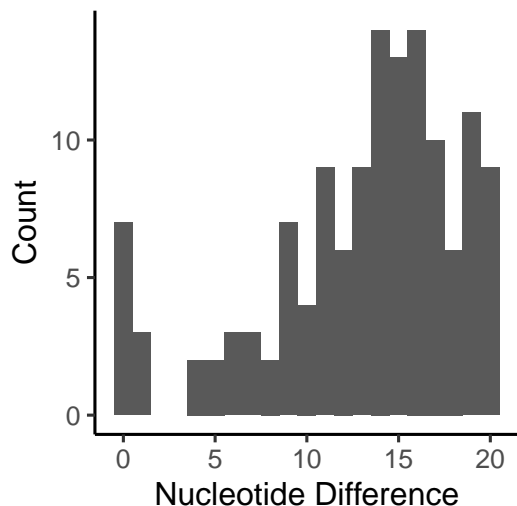


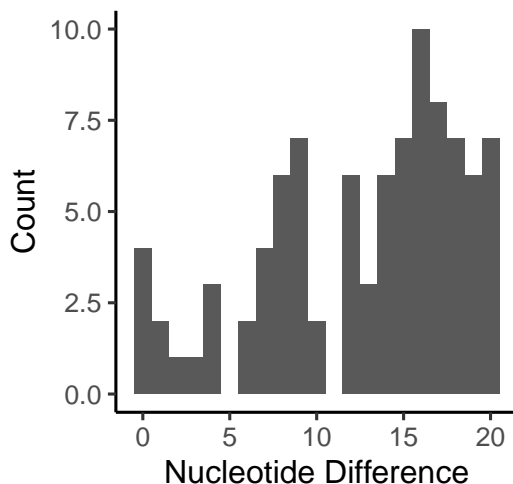
IGHV1-2*02

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



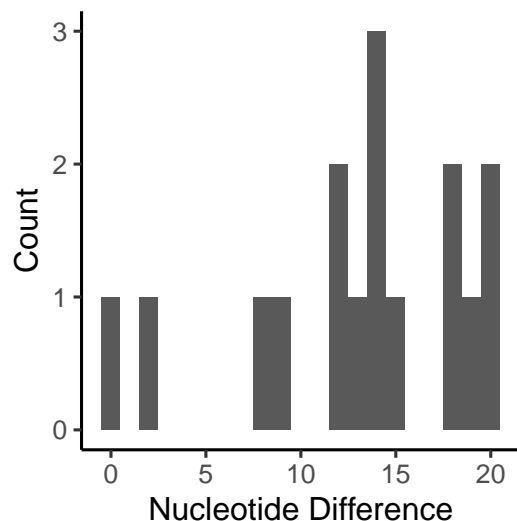
IGHV1-18*01

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



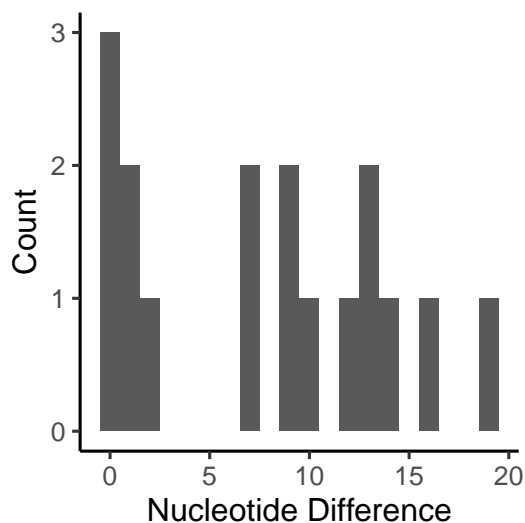
IGHV1-46*03

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



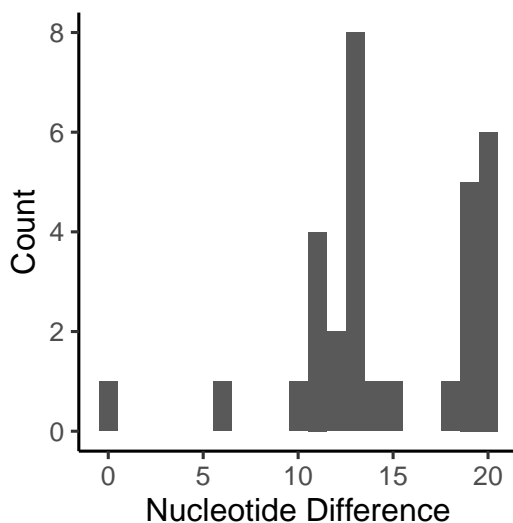
IGHV1-8*01

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



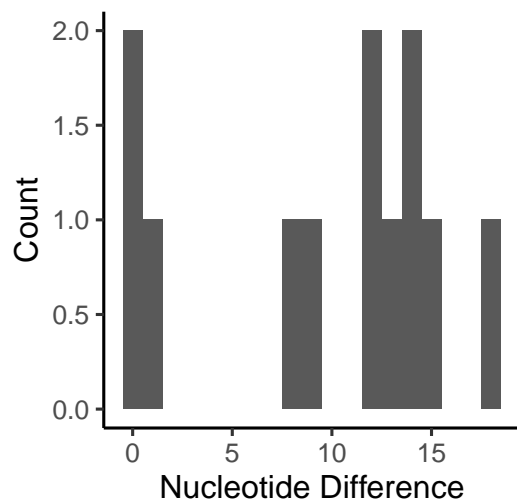
IGHV1-24*01

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



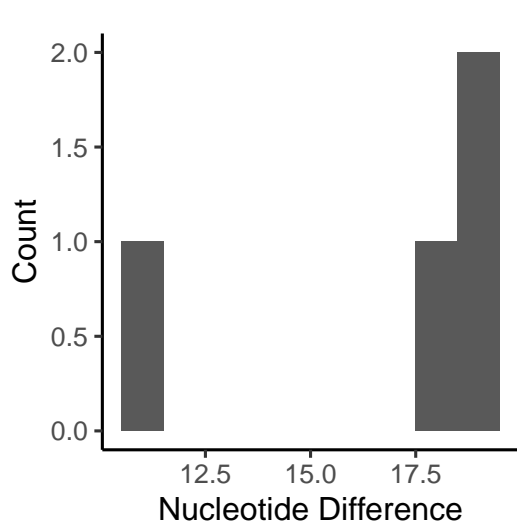
IGHV1-58*01

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



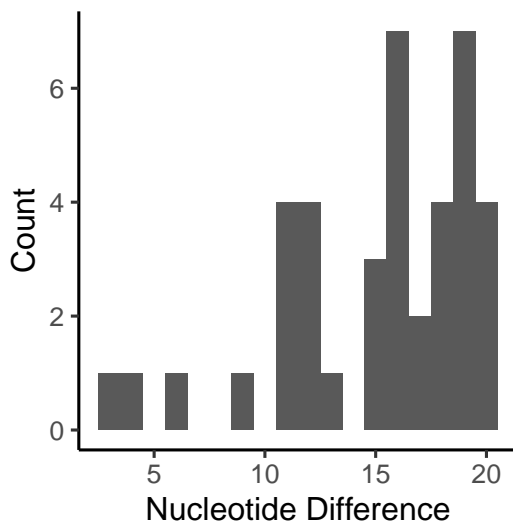
IGHV1-8*02

6 sequences assigned
No exact matches.



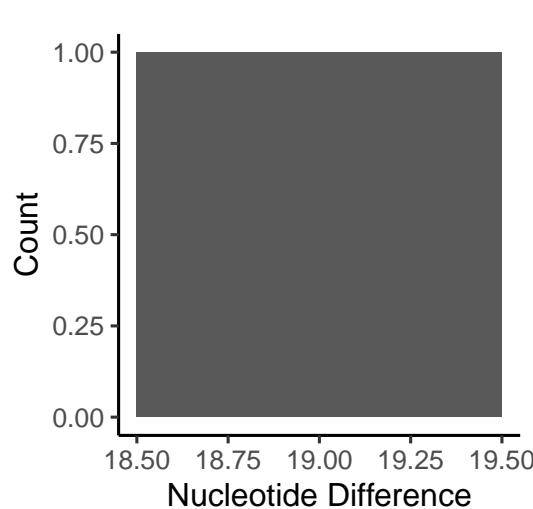
IGHV1-46*01

109 sequences assigned
No exact matches.



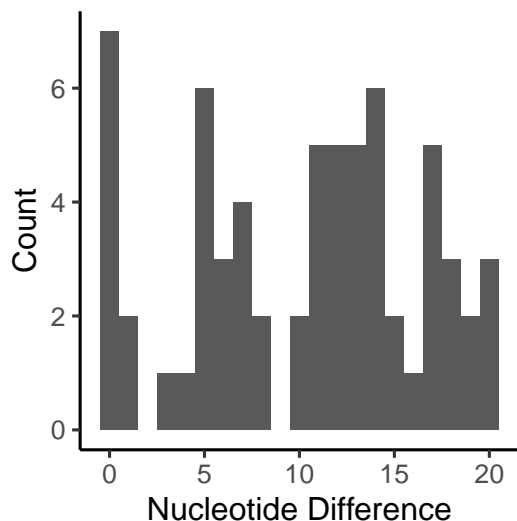
IGHV1-58*03

1 sequences assigned
No exact matches.



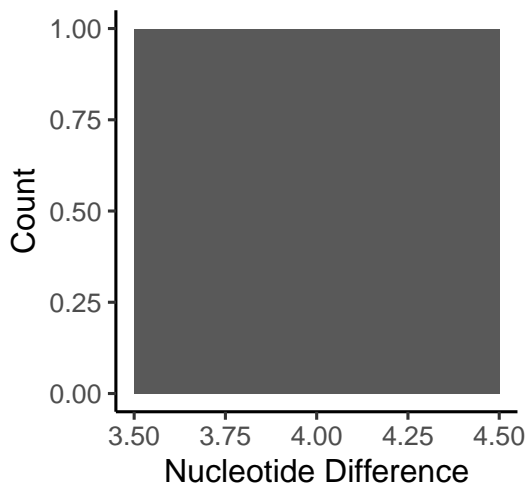
IGHV2-5*01

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



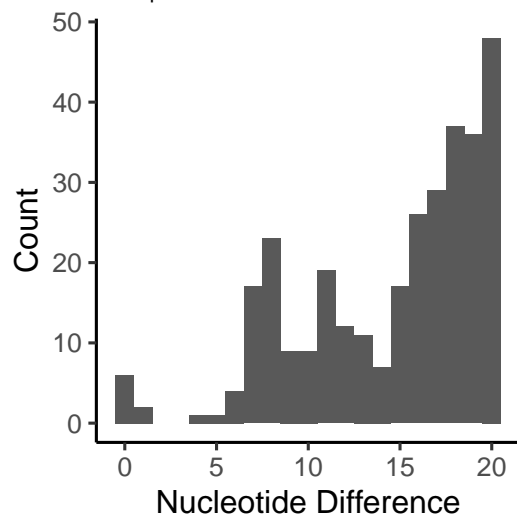
IGHV2-70*13

10 sequences assigned
No exact matches.



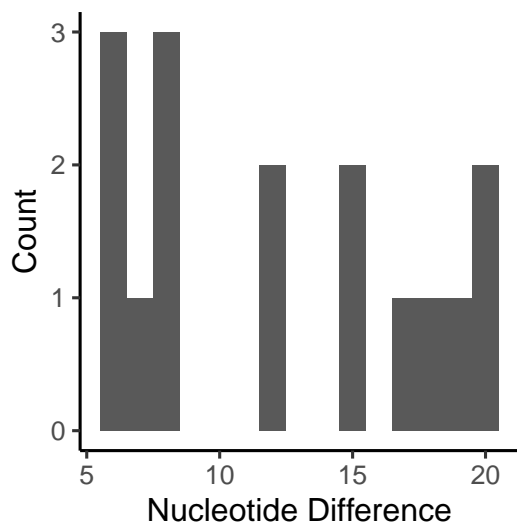
IGHV3-9*01

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



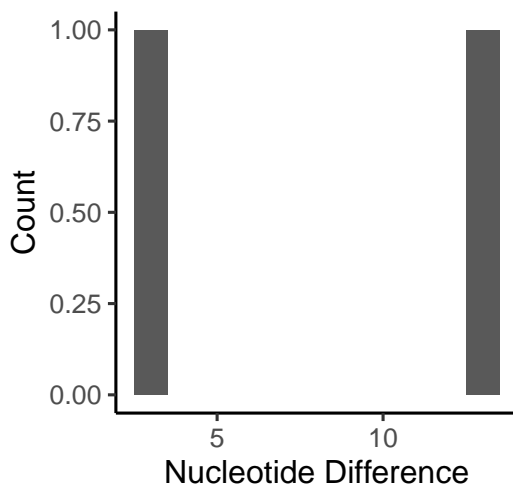
IGHV2-26*01

42 sequences assigned
No exact matches.



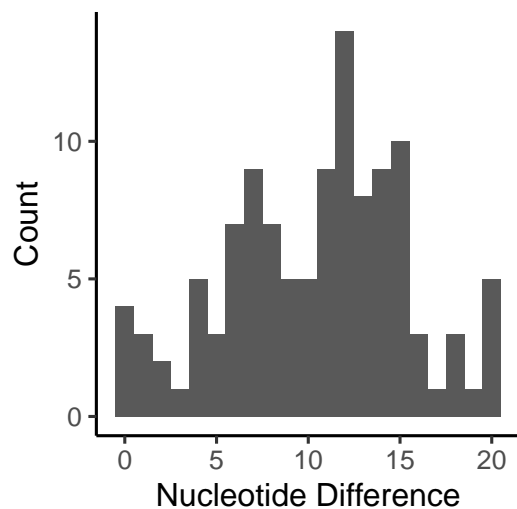
IGHV2-70*20

5 sequences assigned
No exact matches.



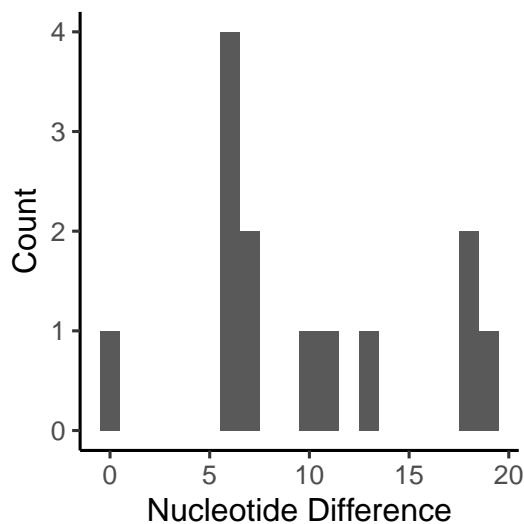
IGHV3-11*01

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



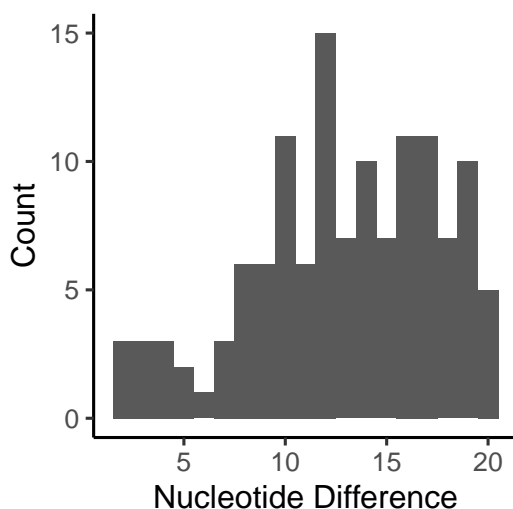
IGHV2-70*01

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



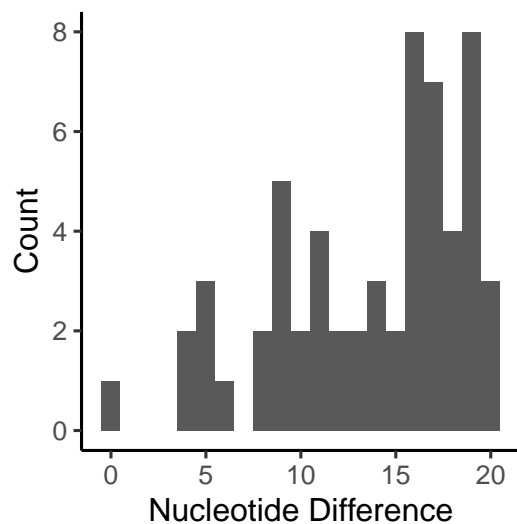
IGHV3-7*01

195 sequences assigned
No exact matches.



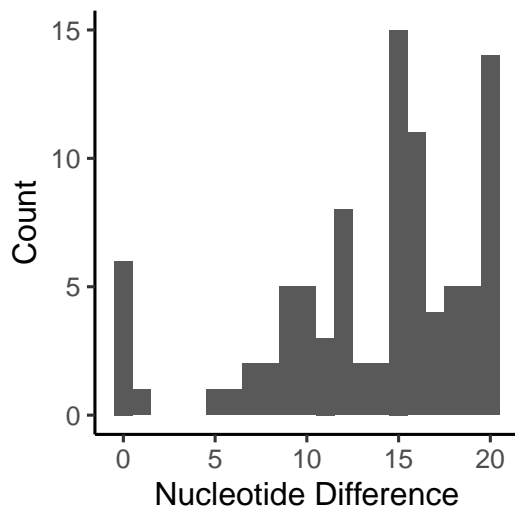
IGHV3-13*01

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



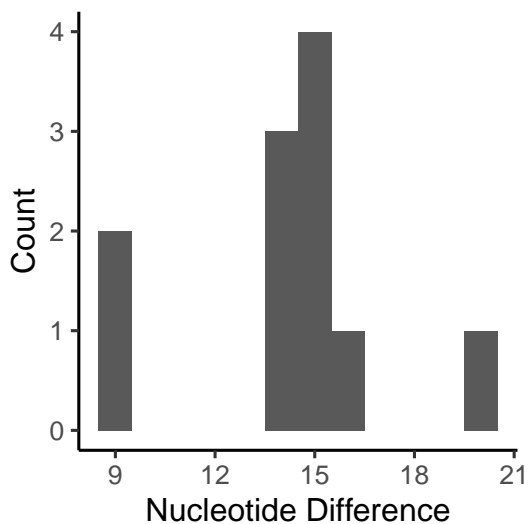
IGHV3-15*01

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



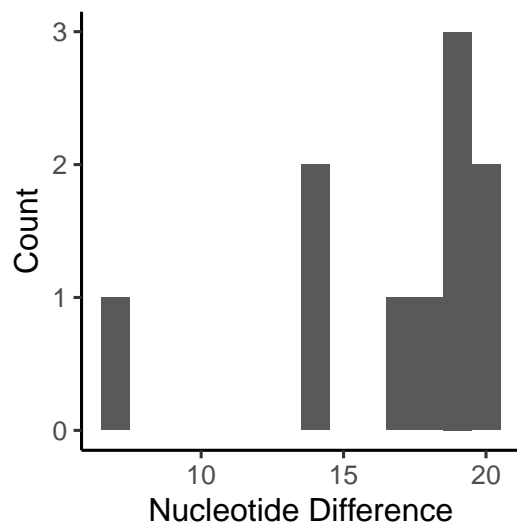
IGHV3-21*02

27 sequences assigned
No exact matches.



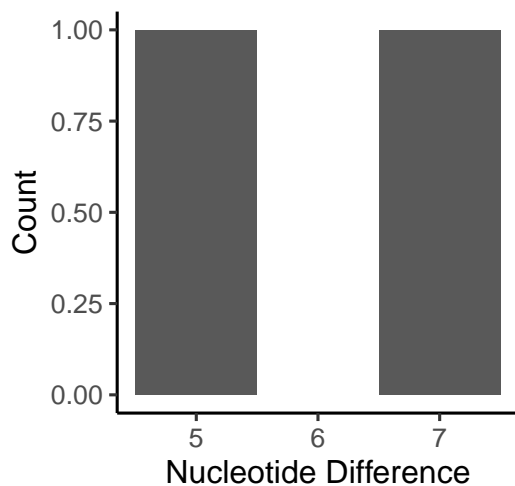
IGHV3-30*03

38 sequences assigned
No exact matches.



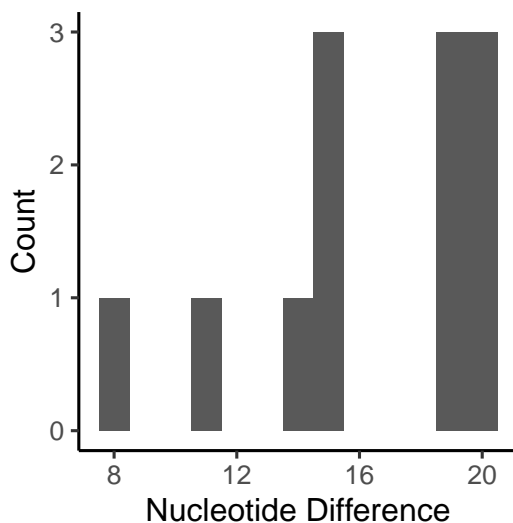
IGHV3-20*01

2 sequences assigned
No exact matches.



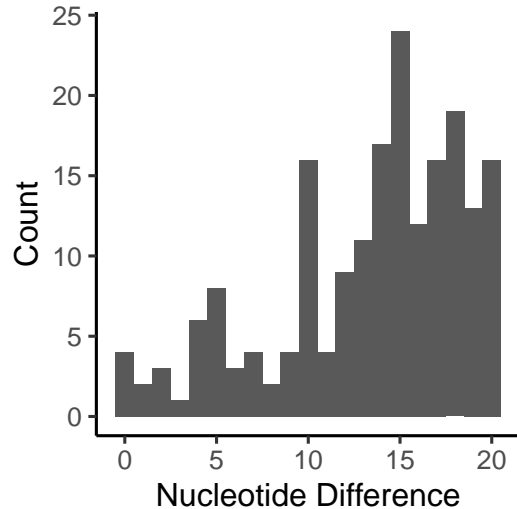
IGHV3-21*06

89 sequences assigned
No exact matches.



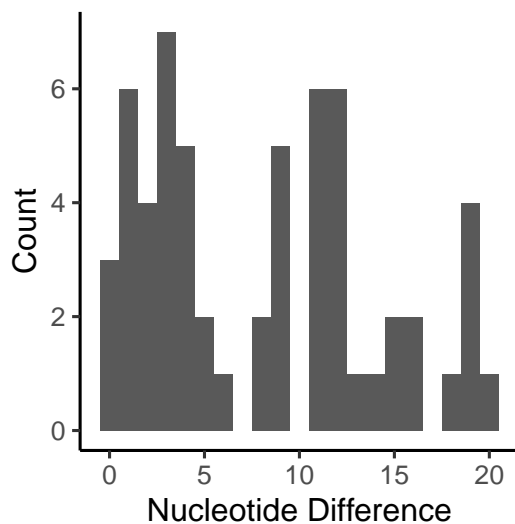
IGHV3-33*01

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



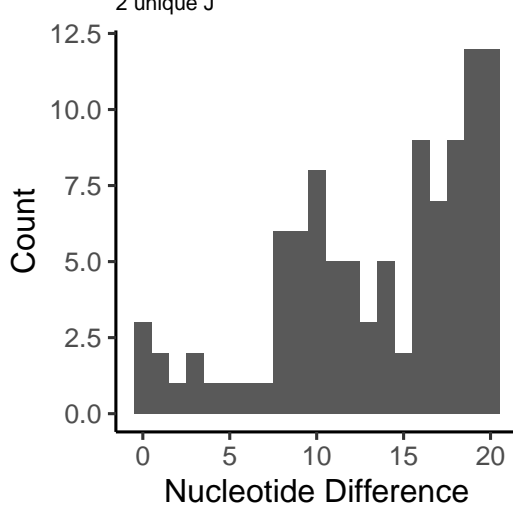
IGHV3-21*01

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



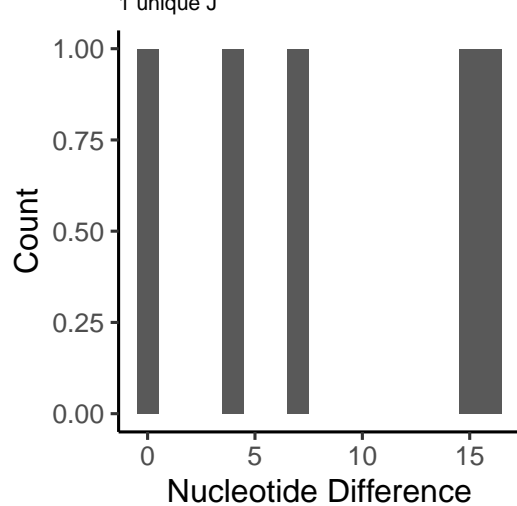
IGHV3-30-3*01

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



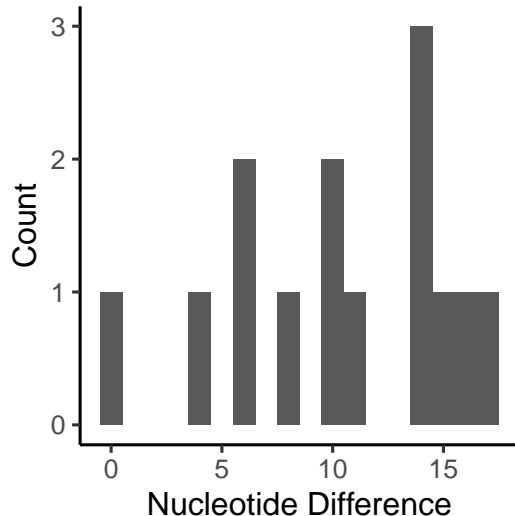
IGHV3-43*01

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



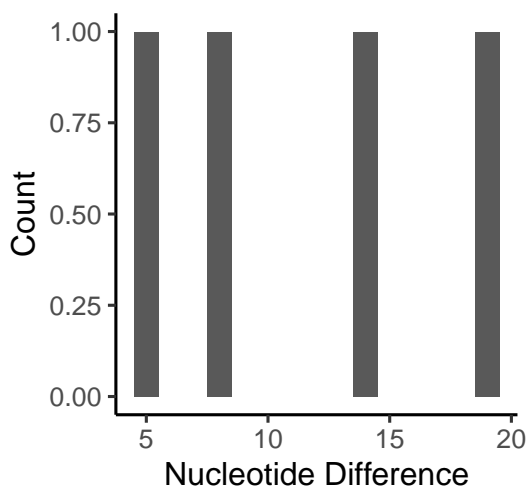
IGHV3-48*01

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



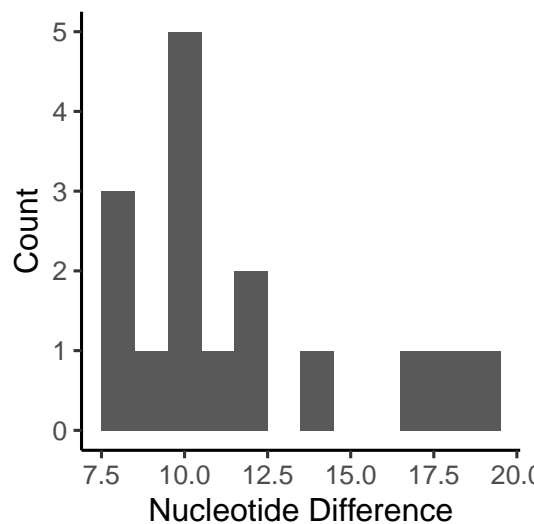
IGHV3-49*05

20 sequences assigned
No exact matches.



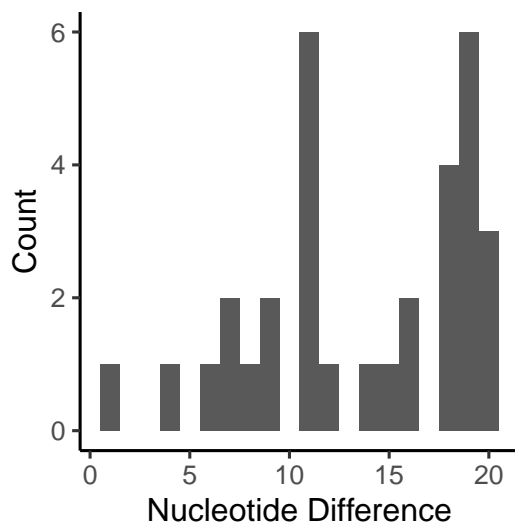
IGHV3-72*01

29 sequences assigned
No exact matches.



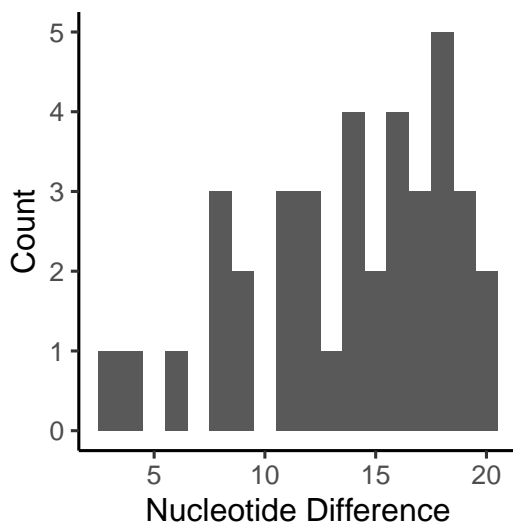
IGHV3-48*02

45 sequences assigned
No exact matches.



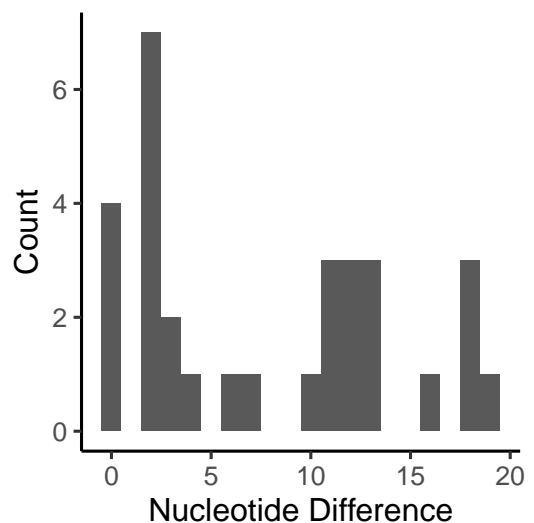
IGHV3-53*01

87 sequences assigned
No exact matches.



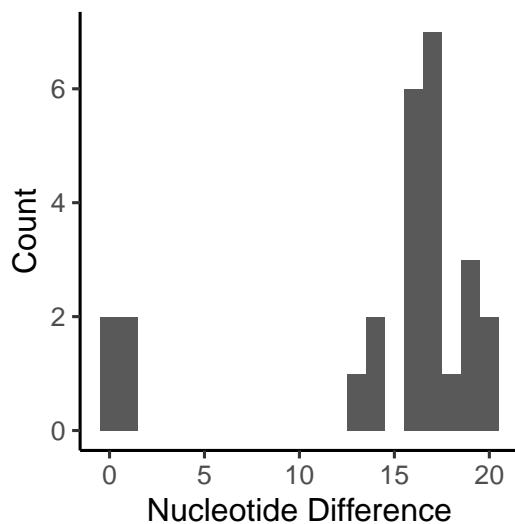
IGHV3-73*02

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



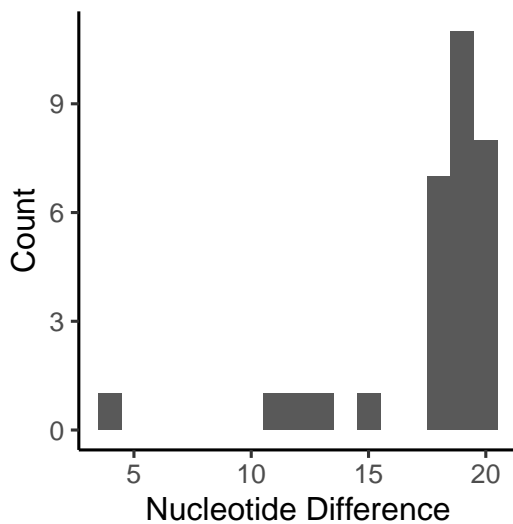
IGHV3-49*03

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



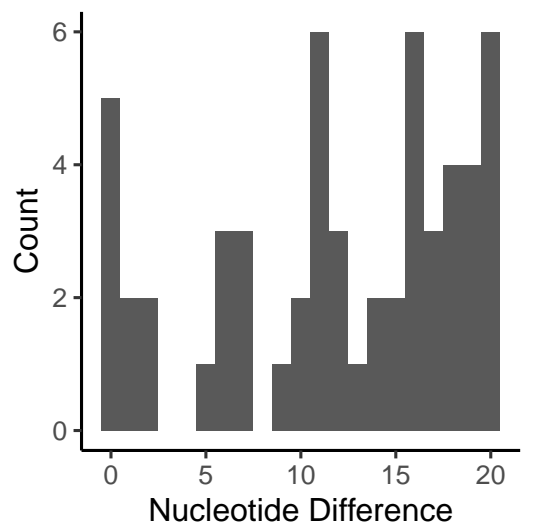
IGHV3-53*02

95 sequences assigned
No exact matches.



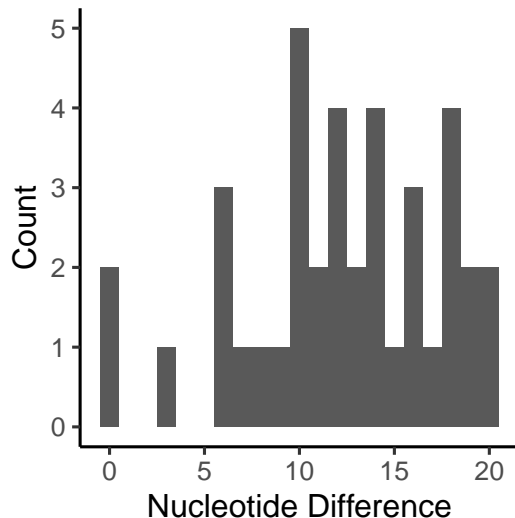
IGHV3-74*01

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



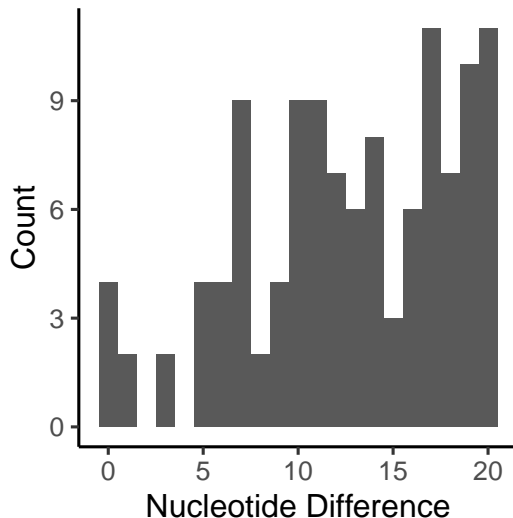
IGHV4-4*07

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



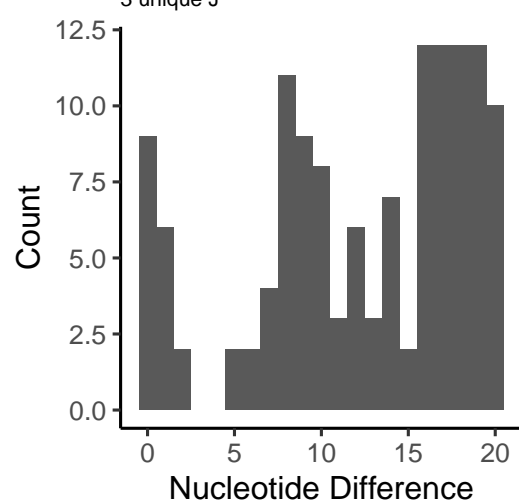
IGHV4-31*03

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



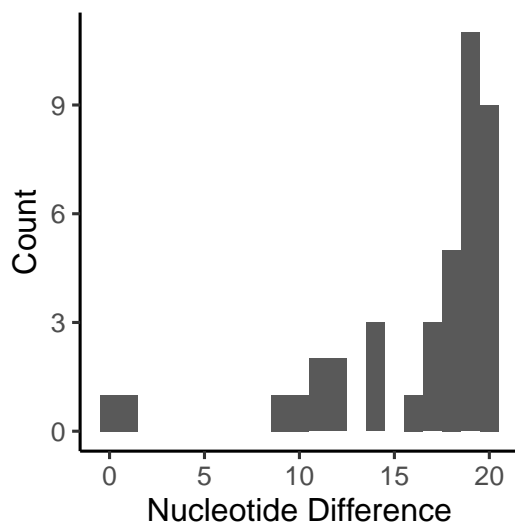
IGHV4-39*01

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



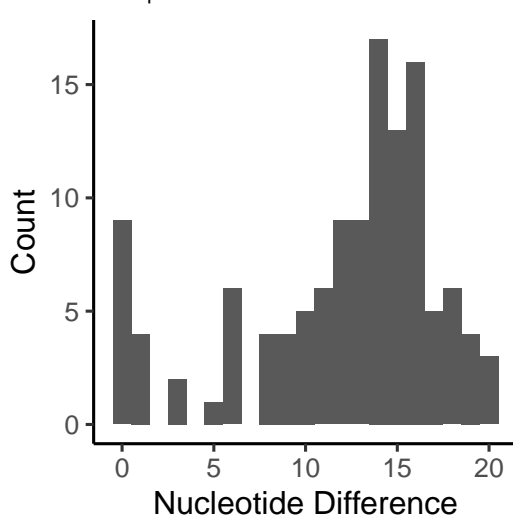
IGHV4-30-4*01

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



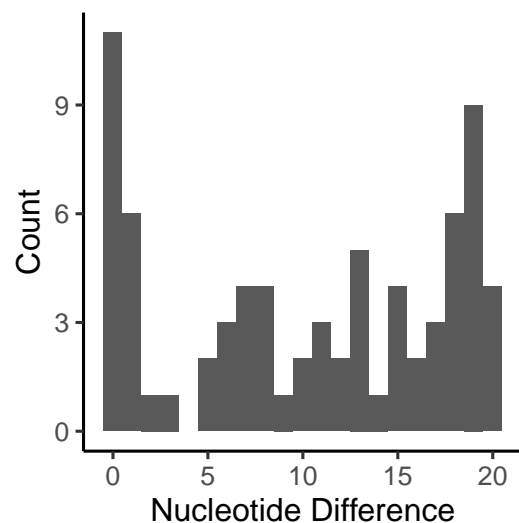
IGHV4-34*01

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



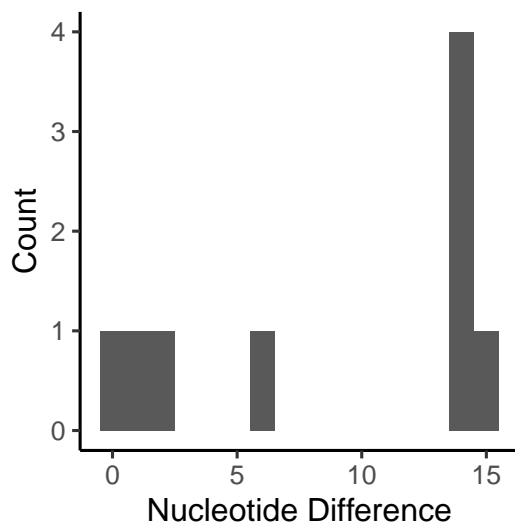
IGHV4-59*01

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



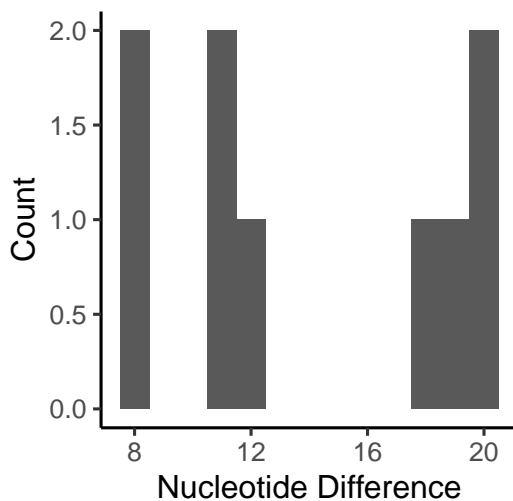
IGHV4-30-2*01

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



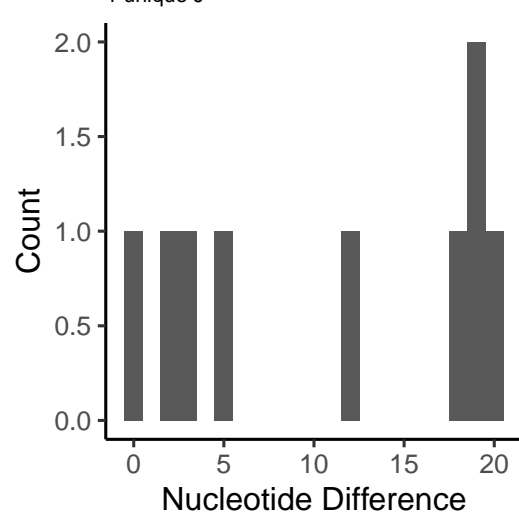
IGHV4-34*02

62 sequences assigned
No exact matches.



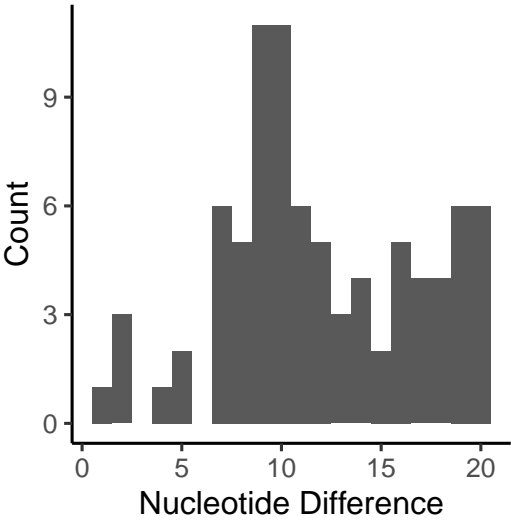
IGHV4-61*01

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



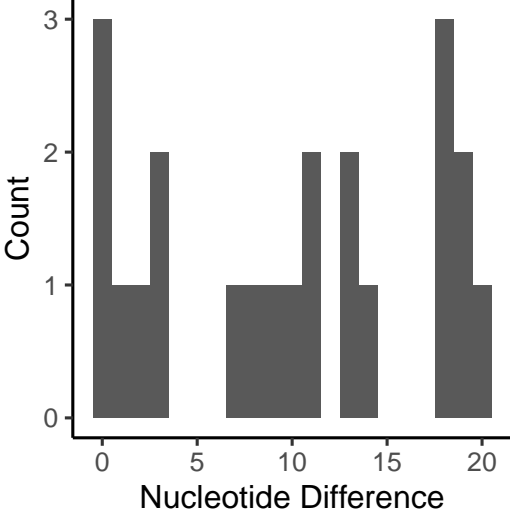
IGHV4–61*02

147 sequences assigned
No exact matches.



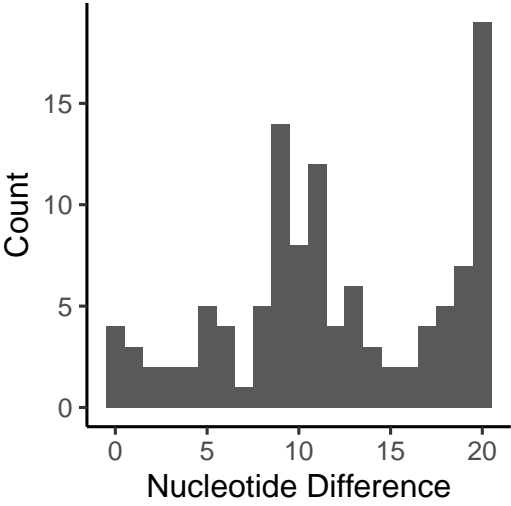
IGHV6–1*01

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



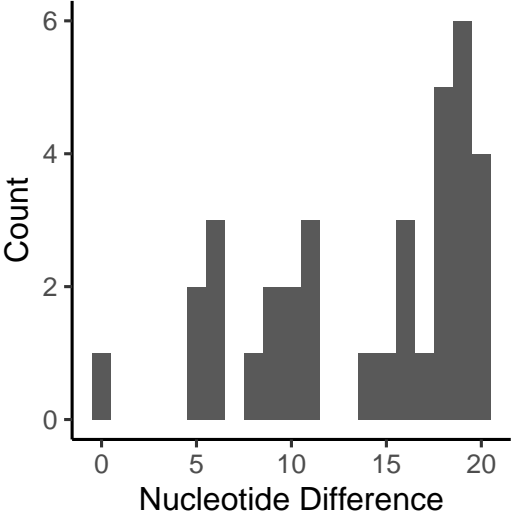
IGHV5–51*01

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

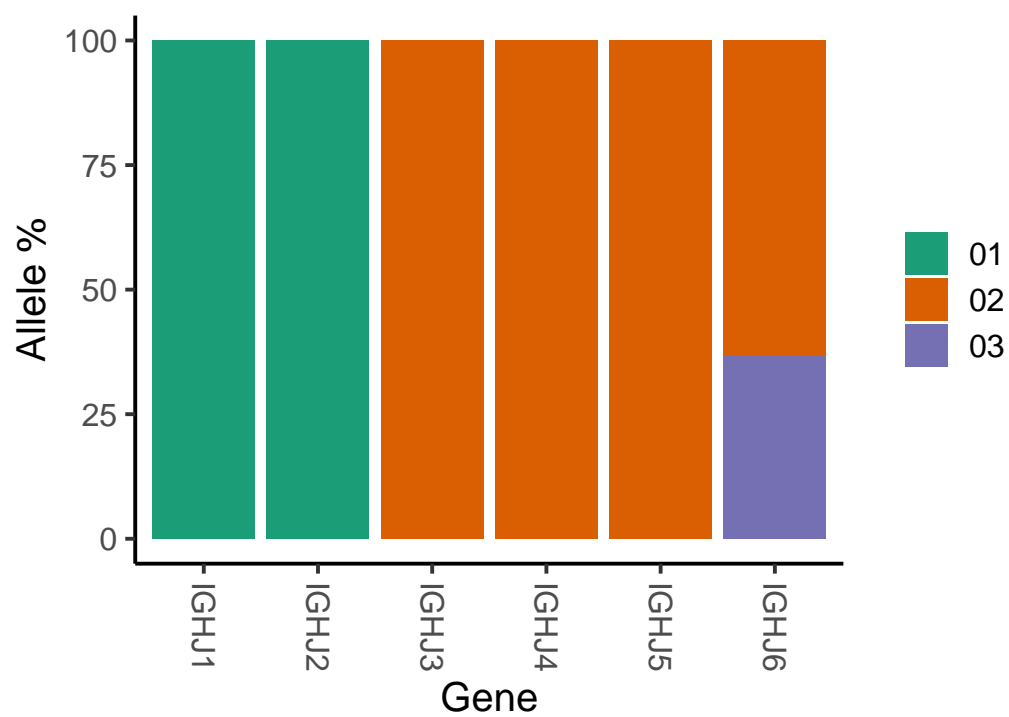


IGHV5–51*03

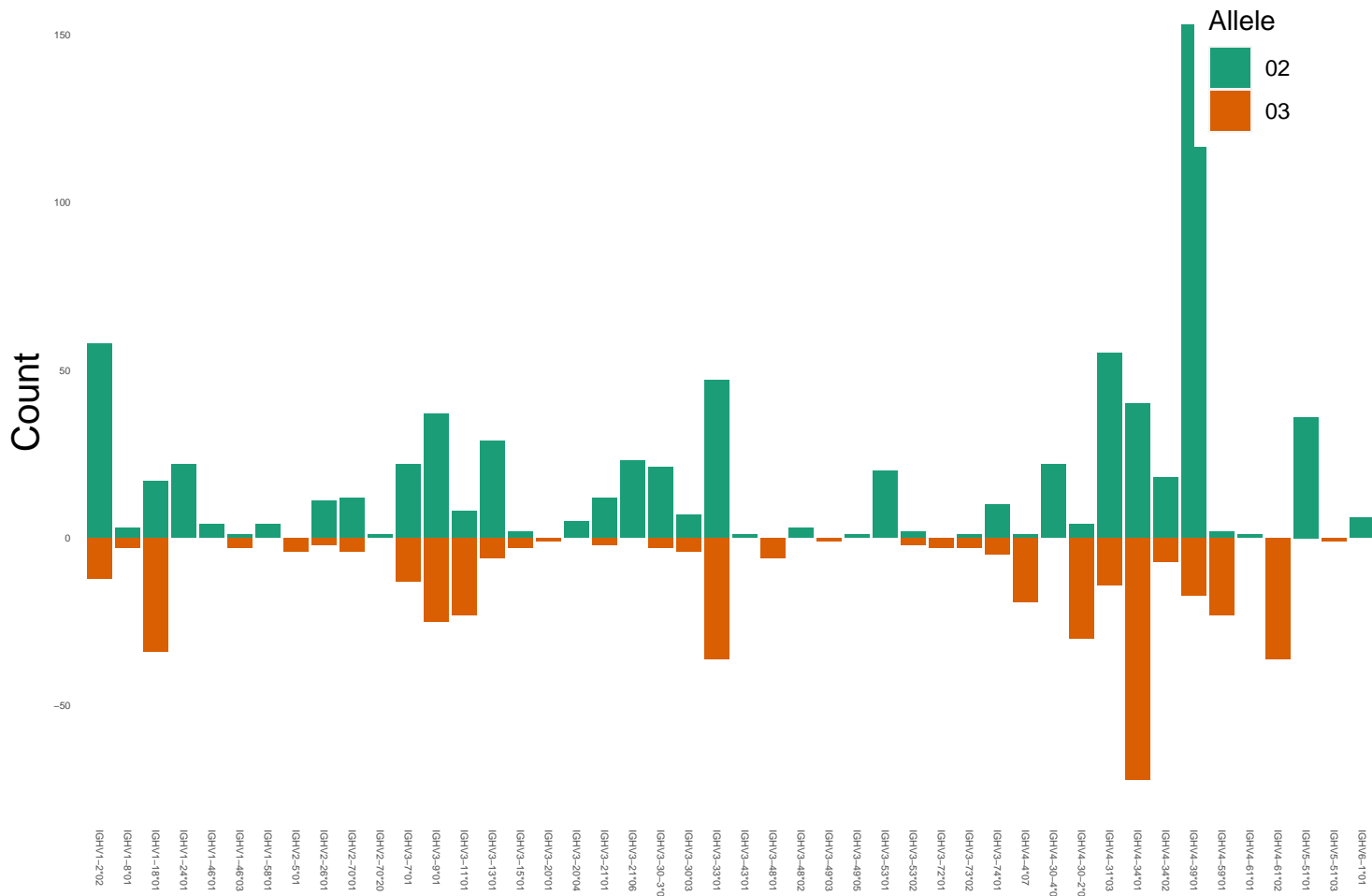
60 sequences assigned
1 (1.7%) exact matches, in which:
1 unique CDR3
1 unique J



Allele Usage



Sequence Count by IGHJ6 allele usage



Warning – no inferred sequences found.