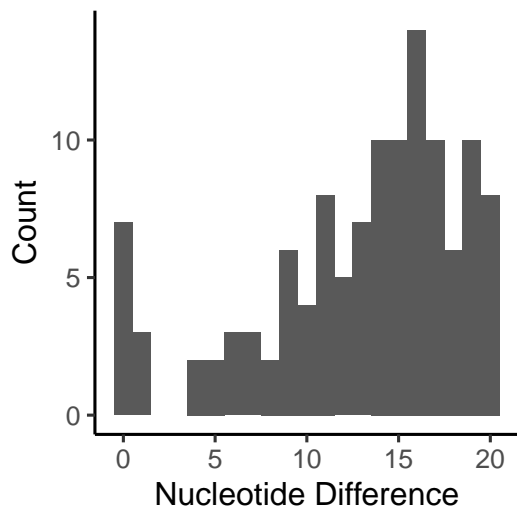


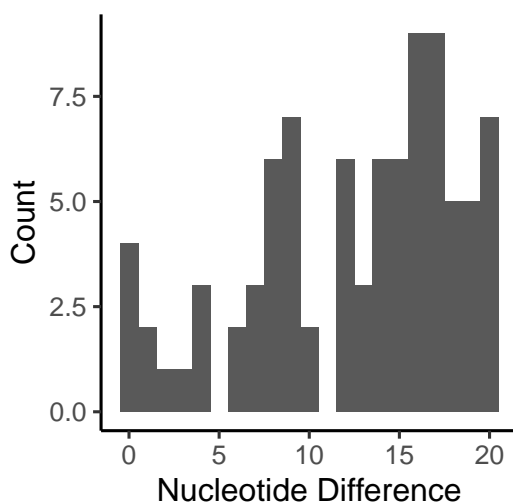
IGHV1-2*02

333 sequences assigned
7 (2.1%) exact matches, in which:
7 unique CDR3
4 unique J



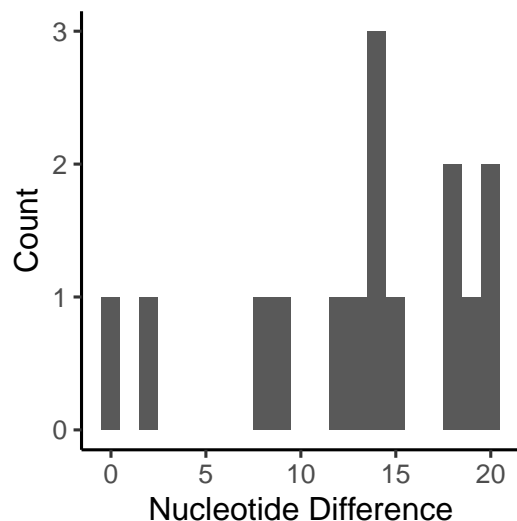
IGHV1-18*01

212 sequences assigned
4 (1.9%) exact matches, in which:
4 unique CDR3
3 unique J



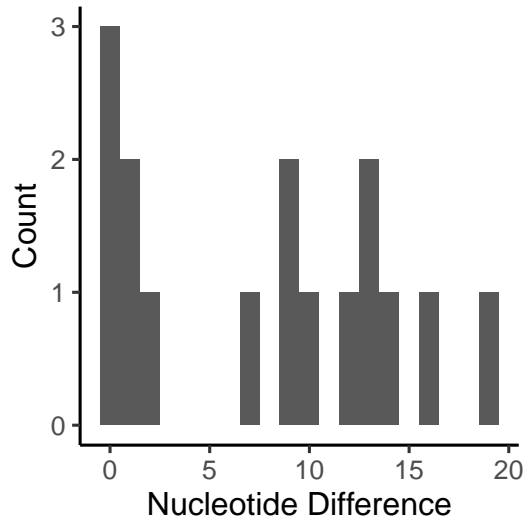
IGHV1-46*03

30 sequences assigned
1 (3.3%) exact matches, in which:
1 unique CDR3
1 unique J



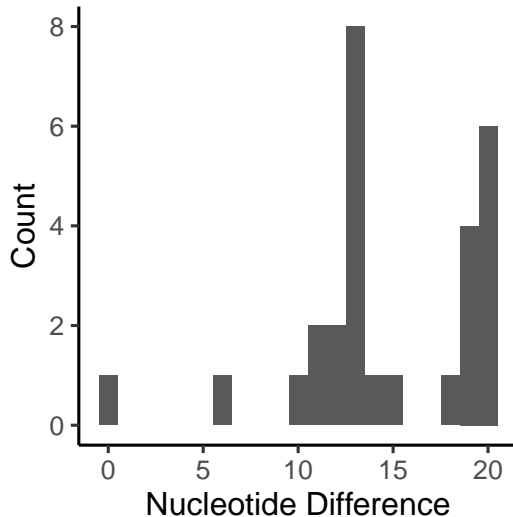
IGHV1-8*01

32 sequences assigned
3 (9.4%) exact matches, in which:
3 unique CDR3
2 unique J



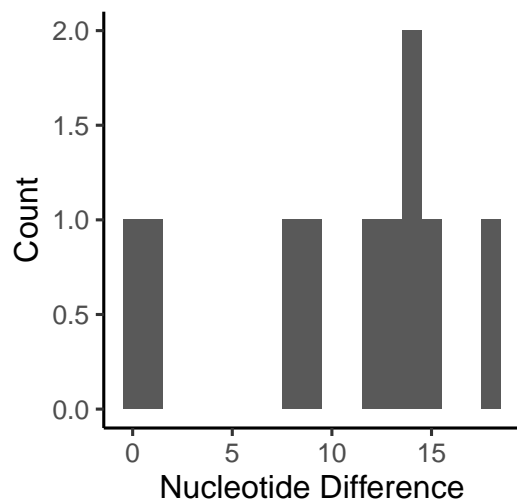
IGHV1-24*01

42 sequences assigned
1 (2.4%) exact matches, in which:
1 unique CDR3
1 unique J



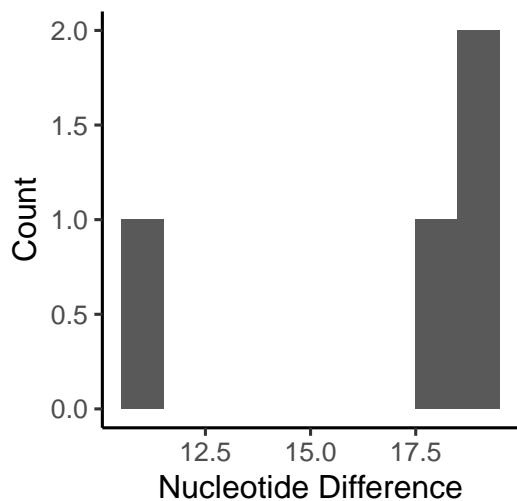
IGHV1-58*01

12 sequences assigned
1 (8.3%) exact matches, in which:
1 unique CDR3
1 unique J



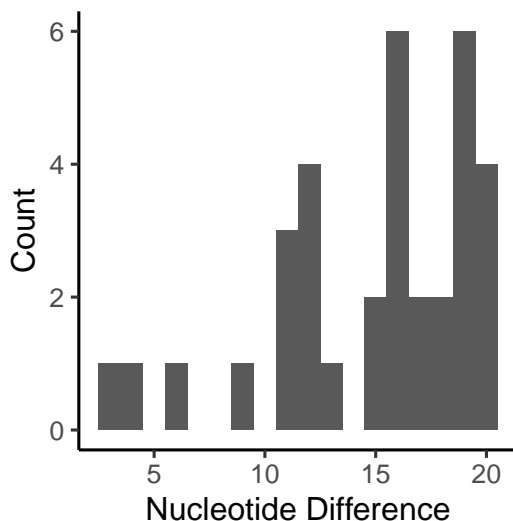
IGHV1-8*02

5 sequences assigned
No exact matches.



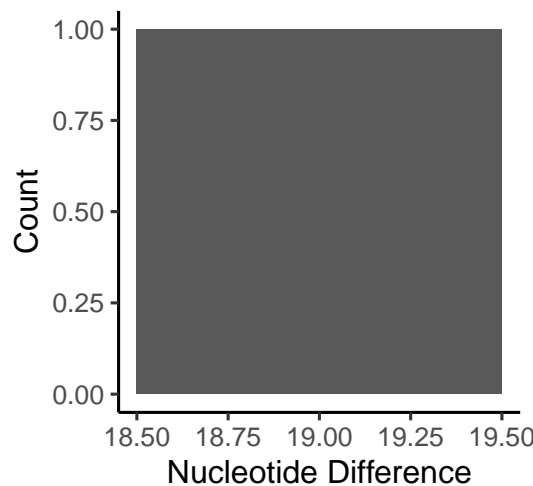
IGHV1-46*01

91 sequences assigned
No exact matches.



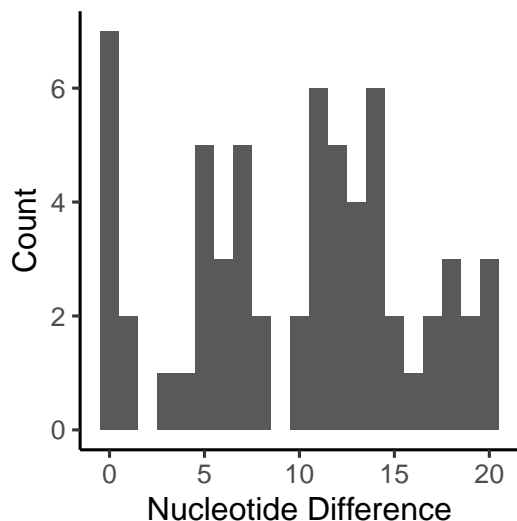
IGHV1-58*03

1 sequences assigned
No exact matches.



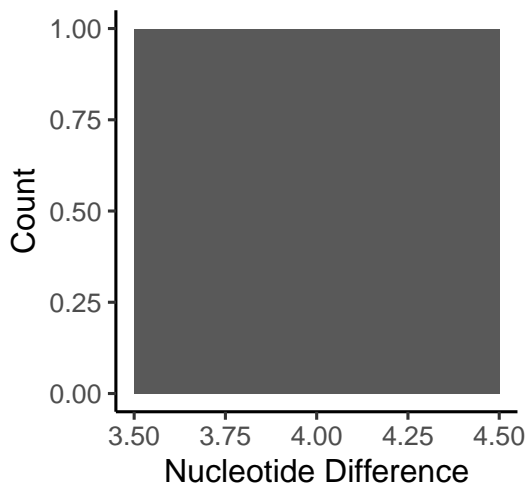
IGHV2-5*01

188 sequences assigned
7 (3.7%) exact matches, in which:
7 unique CDR3
2 unique J



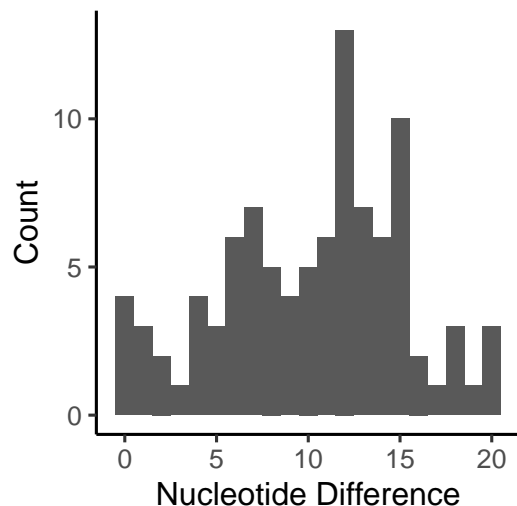
IGHV2-70*13

10 sequences assigned
No exact matches.



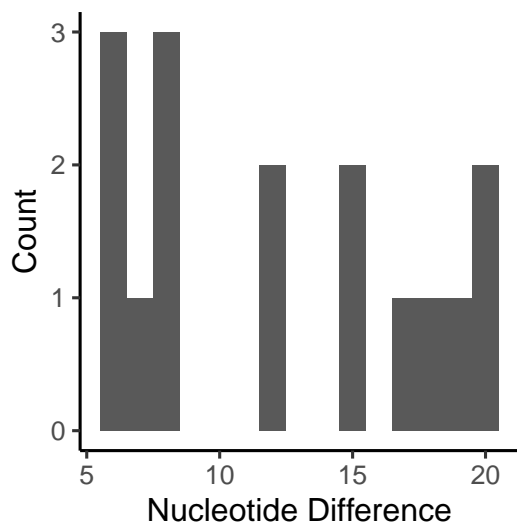
IGHV3-11*01

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



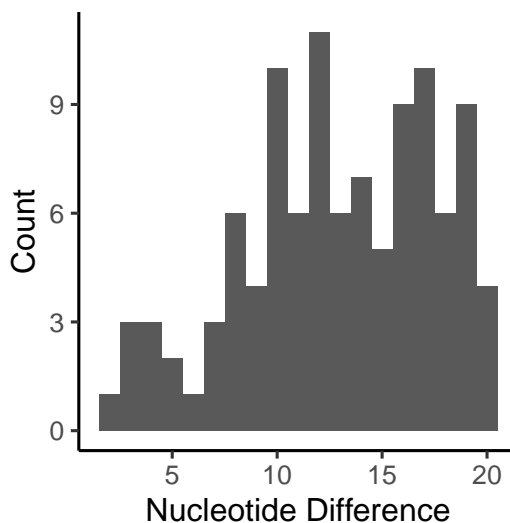
IGHV2-26*01

41 sequences assigned
No exact matches.



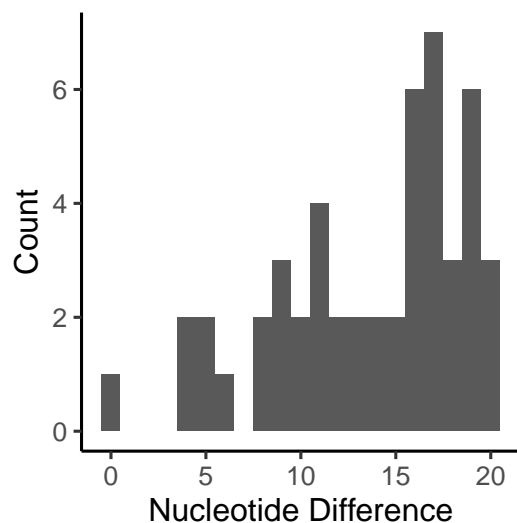
IGHV3-7*01

166 sequences assigned
No exact matches.



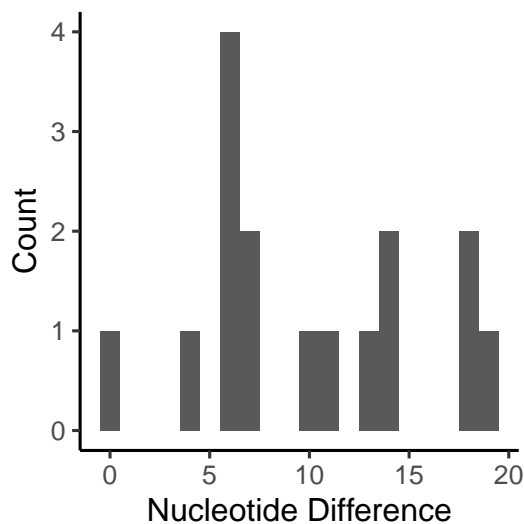
IGHV3-13*01

62 sequences assigned
1 (1.6%) exact matches, in which:
1 unique CDR3
1 unique J



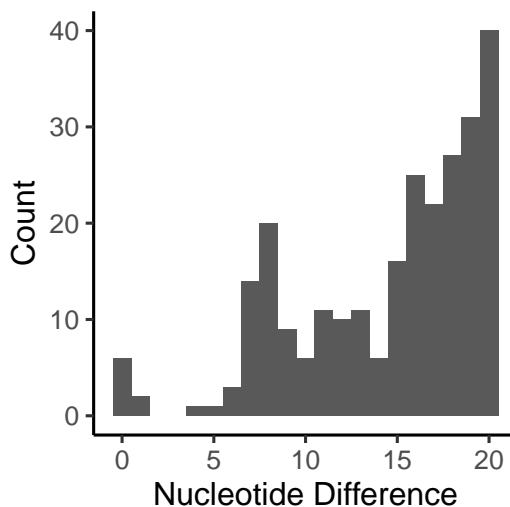
IGHV2-70*01

28 sequences assigned
1 (3.6%) exact matches, in which:
1 unique CDR3
1 unique J



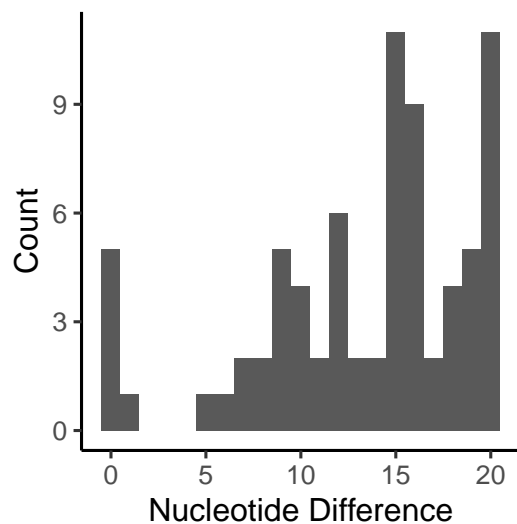
IGHV3-9*01

538 sequences assigned
6 (1.1%) exact matches, in which:
6 unique CDR3
4 unique J



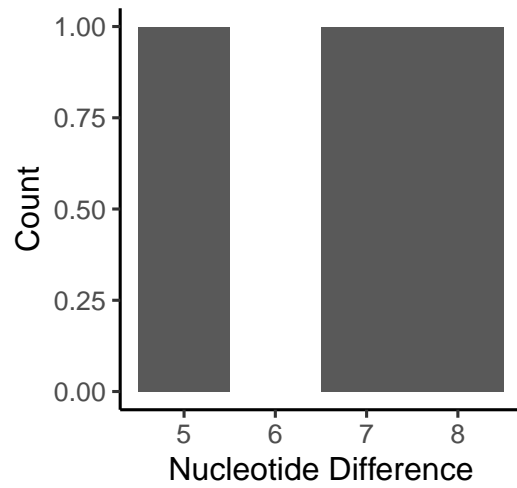
IGHV3-15*01

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



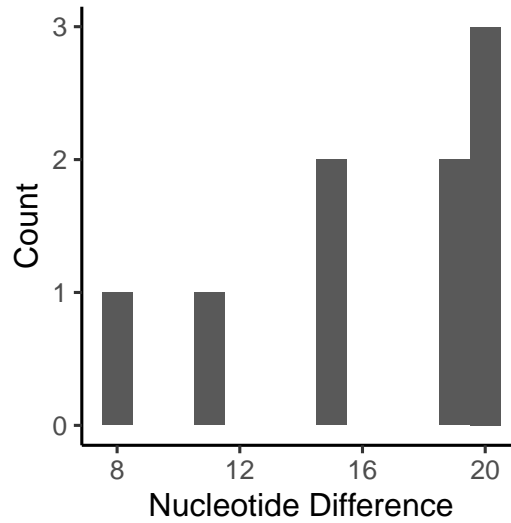
IGHV3-20*01

3 sequences assigned
No exact matches.



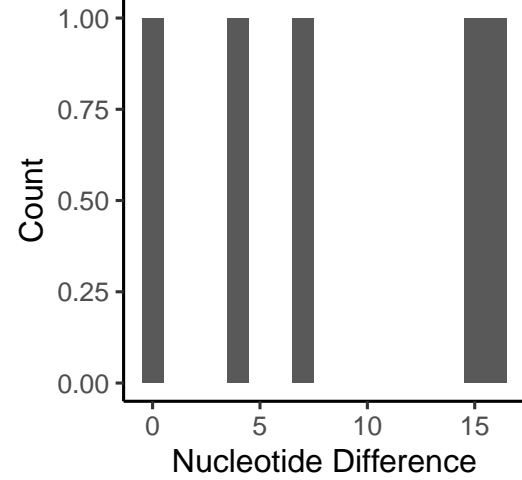
IGHV3-21*06

68 sequences assigned
No exact matches.



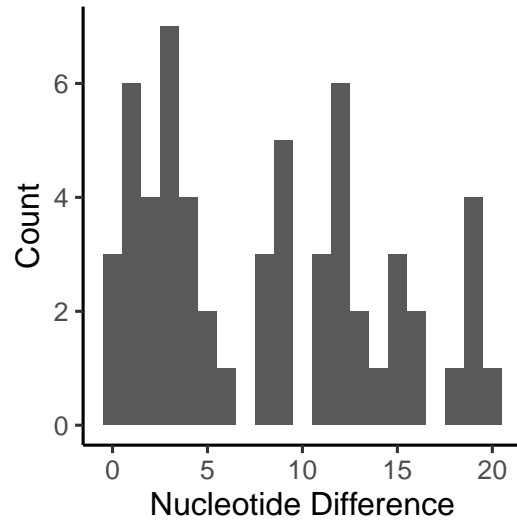
IGHV3-43*01

125 sequences assigned
1 (0.8%) exact matches, in which:
1 unique CDR3
1 unique J



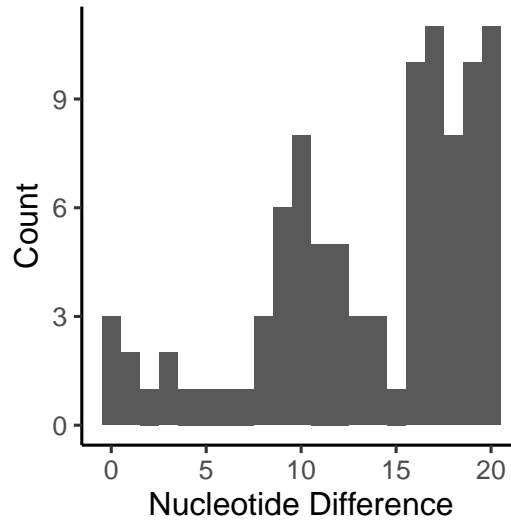
IGHV3-21*01

91 sequences assigned
3 (3.3%) exact matches, in which:
3 unique CDR3
1 unique J



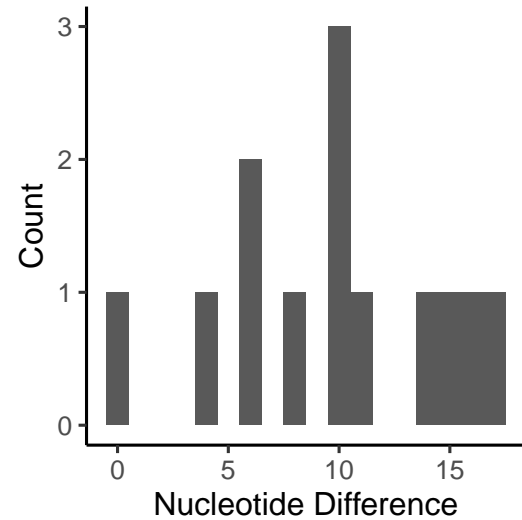
IGHV3-30-3*01

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



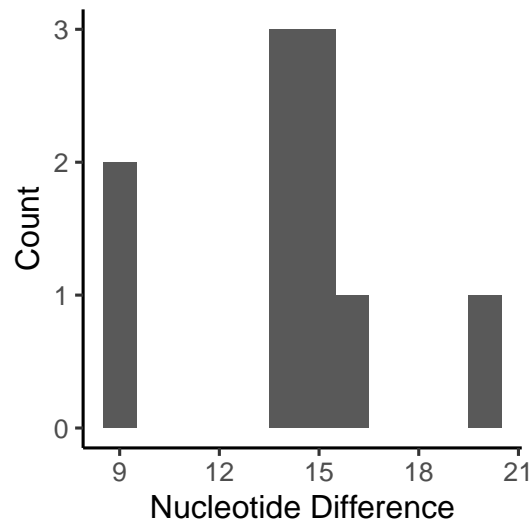
IGHV3-48*01

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



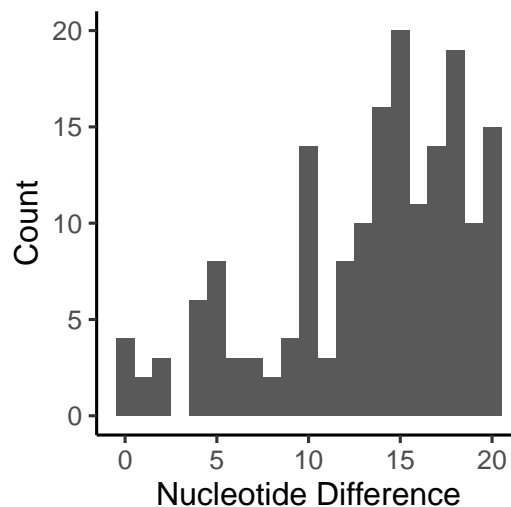
IGHV3-21*02

23 sequences assigned
No exact matches.



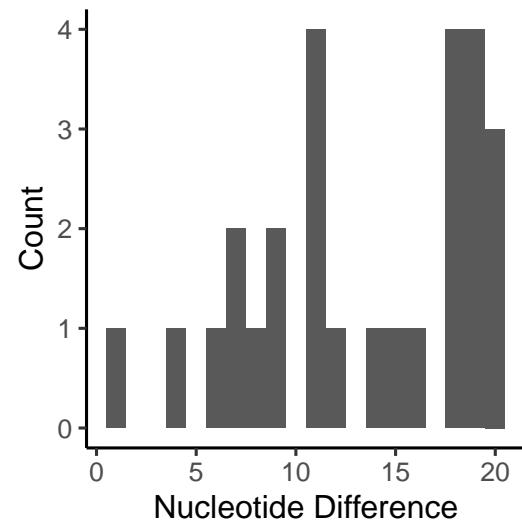
IGHV3-33*01

370 sequences assigned
4 (1.1%) exact matches, in which:
4 unique CDR3
2 unique J



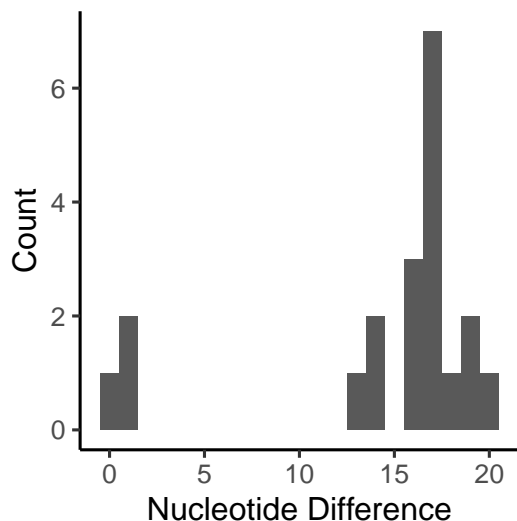
IGHV3-48*02

40 sequences assigned
No exact matches.



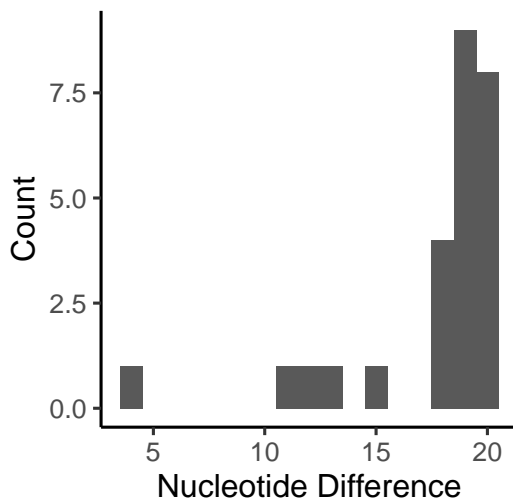
IGHV3-49*03

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



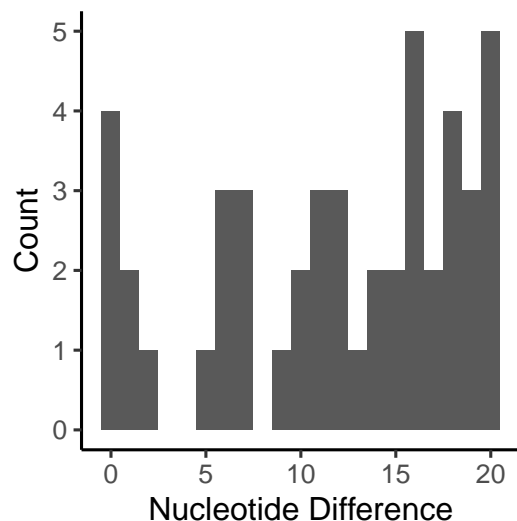
IGHV3-53*02

74 sequences assigned
No exact matches.



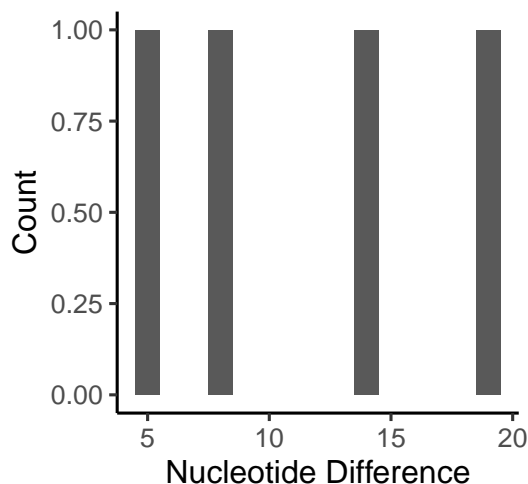
IGHV3-74*01

79 sequences assigned
4 (5.1%) exact matches, in which:
3 unique CDR3
3 unique J



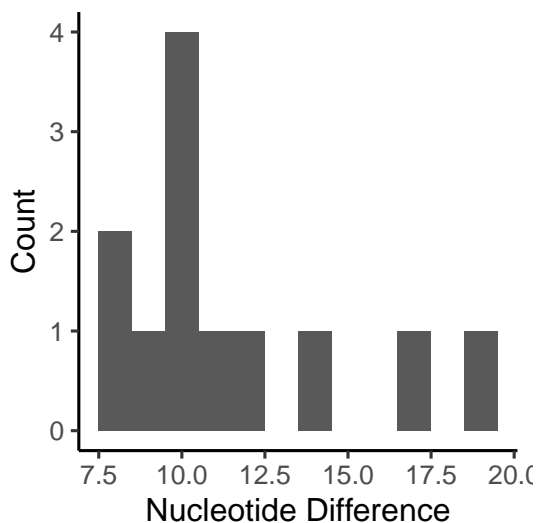
IGHV3-49*05

19 sequences assigned
No exact matches.



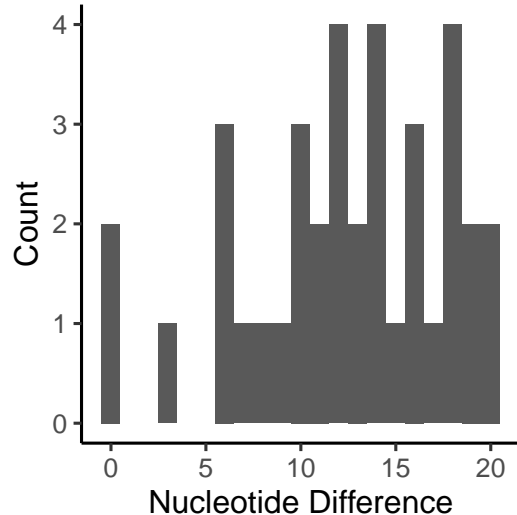
IGHV3-72*01

23 sequences assigned
No exact matches.



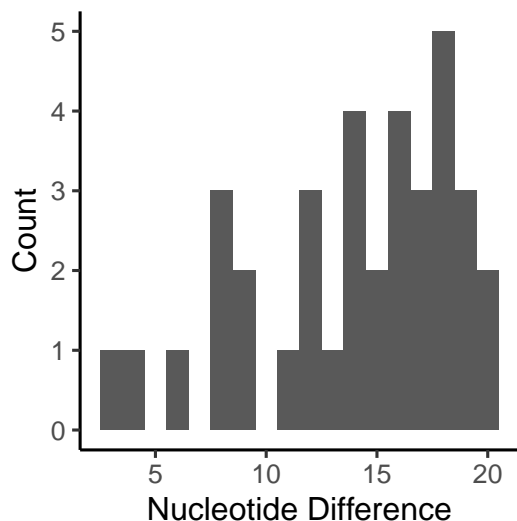
IGHV4-4*07

96 sequences assigned
2 (2.1%) exact matches, in which:
2 unique CDR3
1 unique J



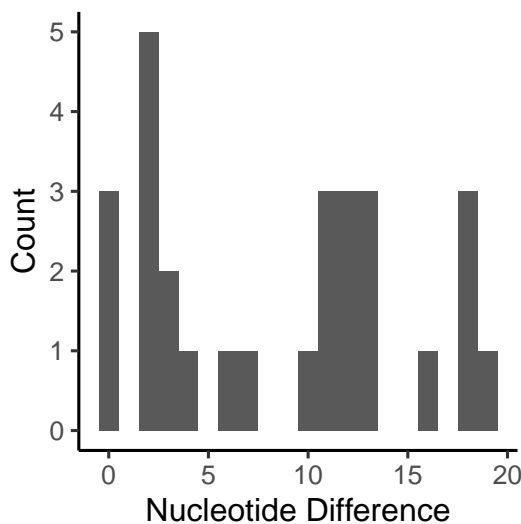
IGHV3-53*01

75 sequences assigned
No exact matches.



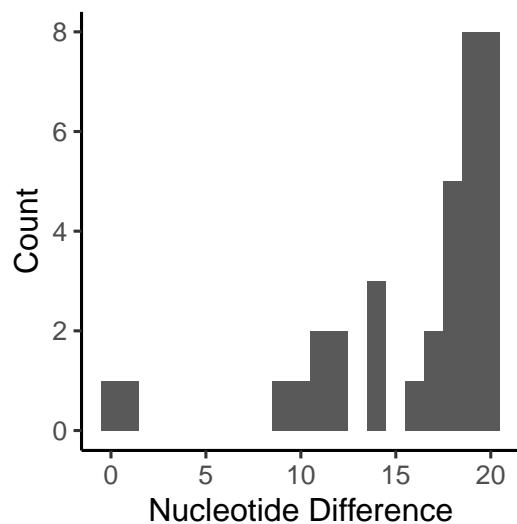
IGHV3-73*02

106 sequences assigned
3 (2.8%) exact matches, in which:
2 unique CDR3
1 unique J



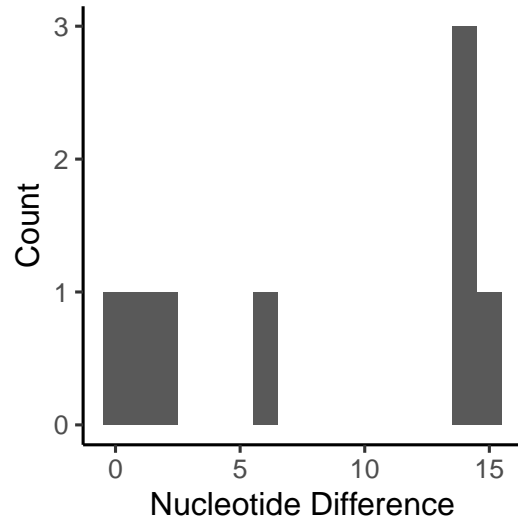
IGHV4-30-4*01

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



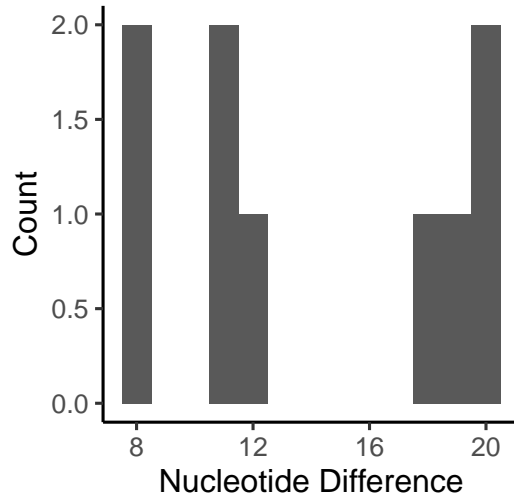
IGHV4-30-2*01

44 sequences assigned
1 (2.3%) exact matches, in which:
1 unique CDR3
1 unique J



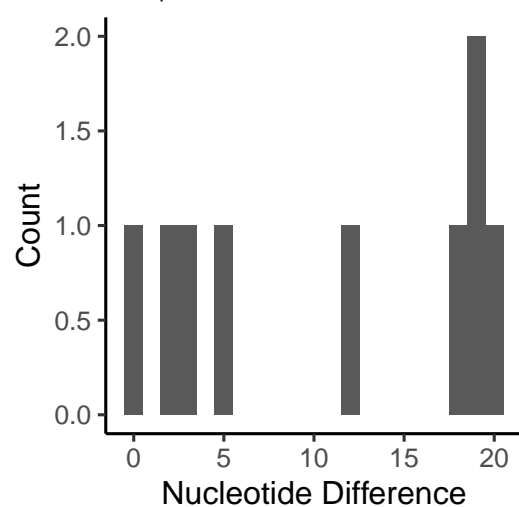
IGHV4-34*02

59 sequences assigned
No exact matches.



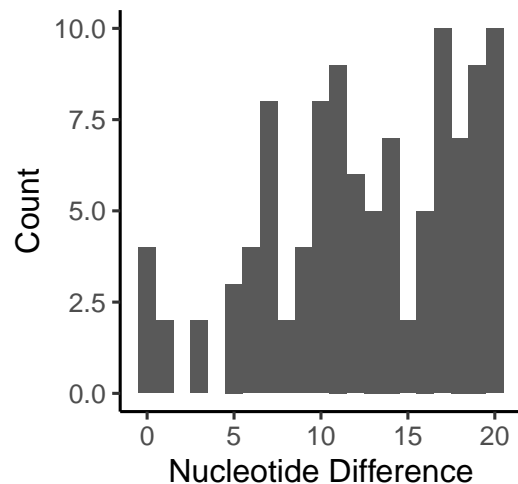
IGHV4-61*01

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



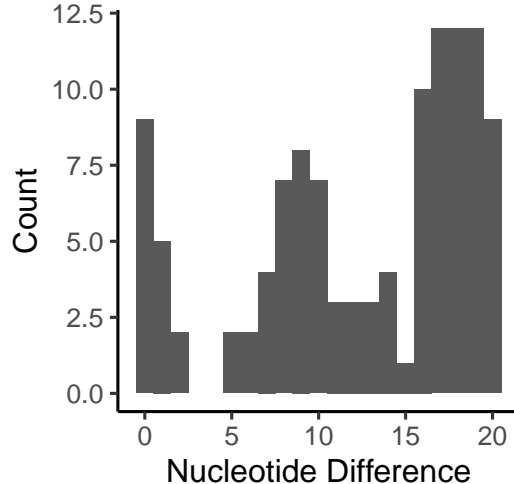
IGHV4-31*03

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



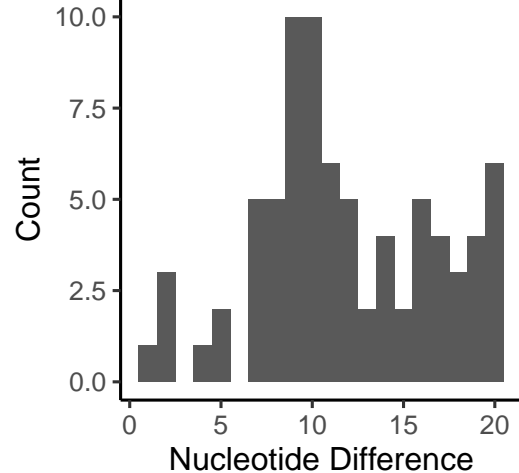
IGHV4-39*01

439 sequences assigned
9 (2.1%) exact matches, in which:
7 unique CDR3
3 unique J



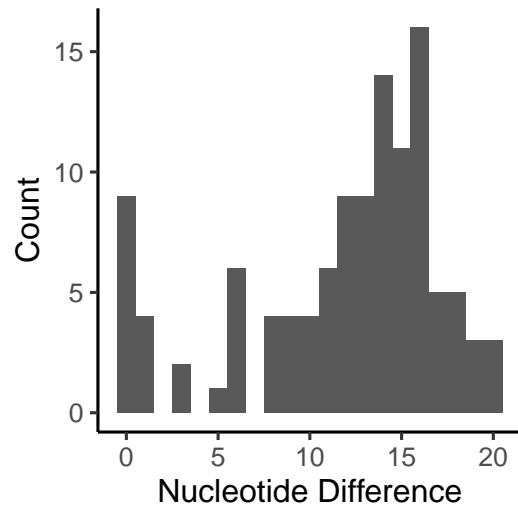
IGHV4-61*02

132 sequences assigned
No exact matches.



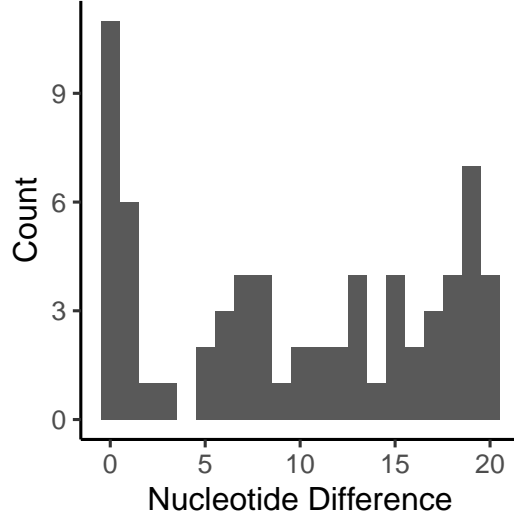
IGHV4-34*01

224 sequences assigned
9 (4%) exact matches, in which:
9 unique CDR3
3 unique J



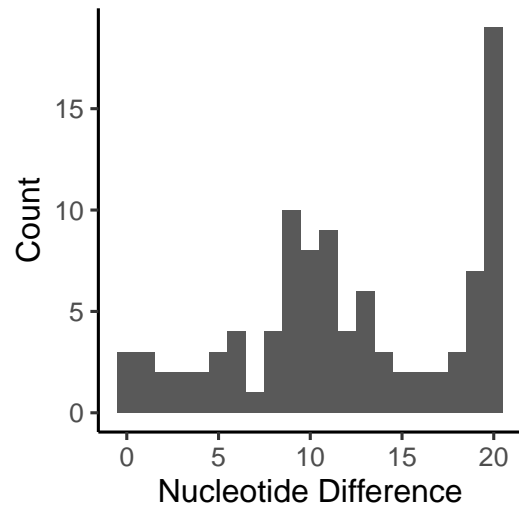
IGHV4-59*01

124 sequences assigned
11 (8.9%) exact matches, in which:
11 unique CDR3
4 unique J



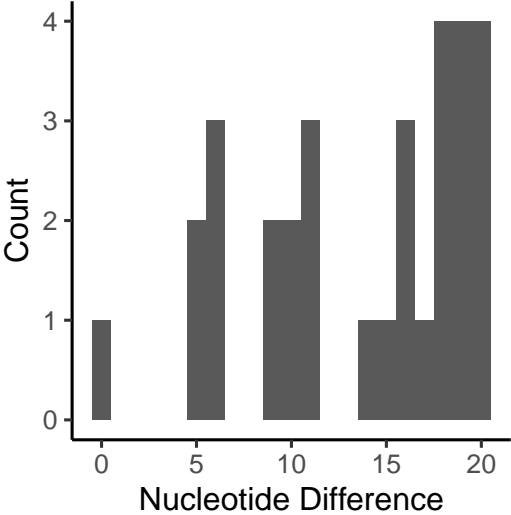
IGHV5-51*01

154 sequences assigned
3 (1.9%) exact matches, in which:
2 unique CDR3
2 unique J



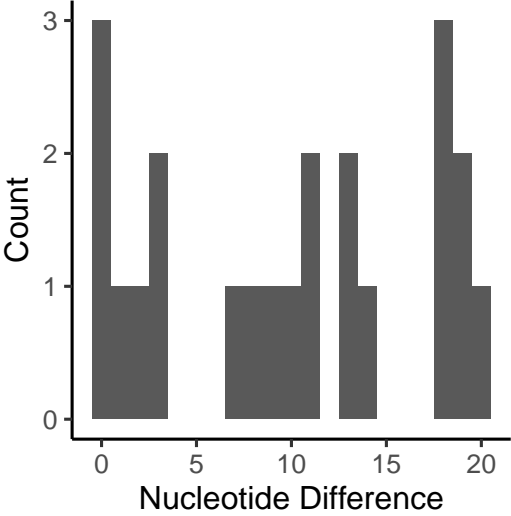
IGHV5-51*03

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

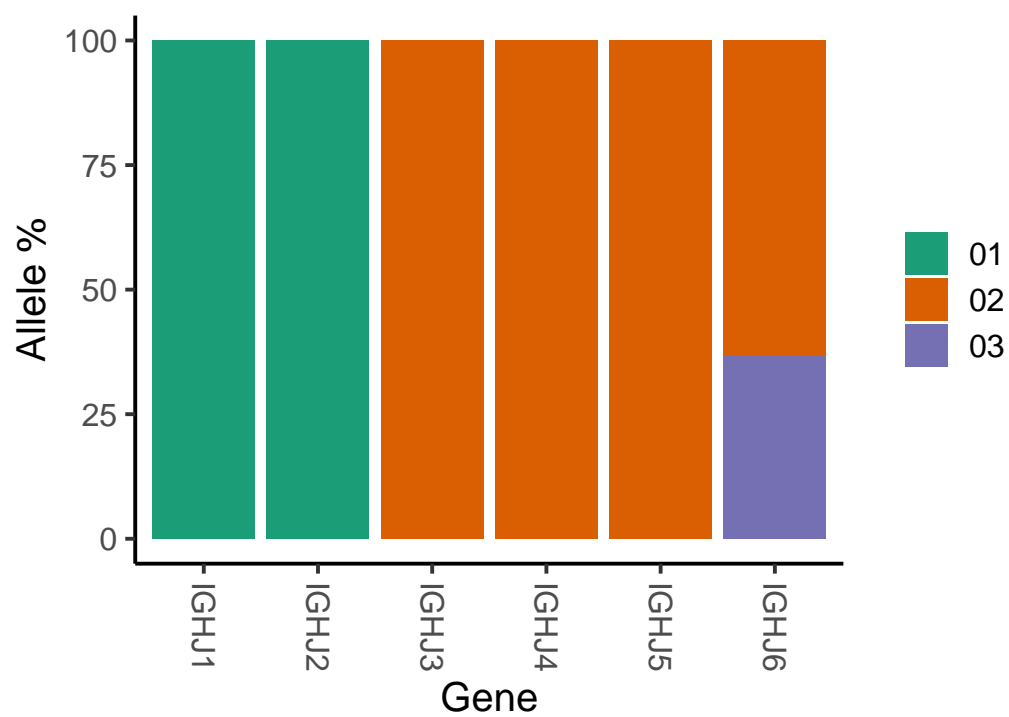


IGHV6-1*01

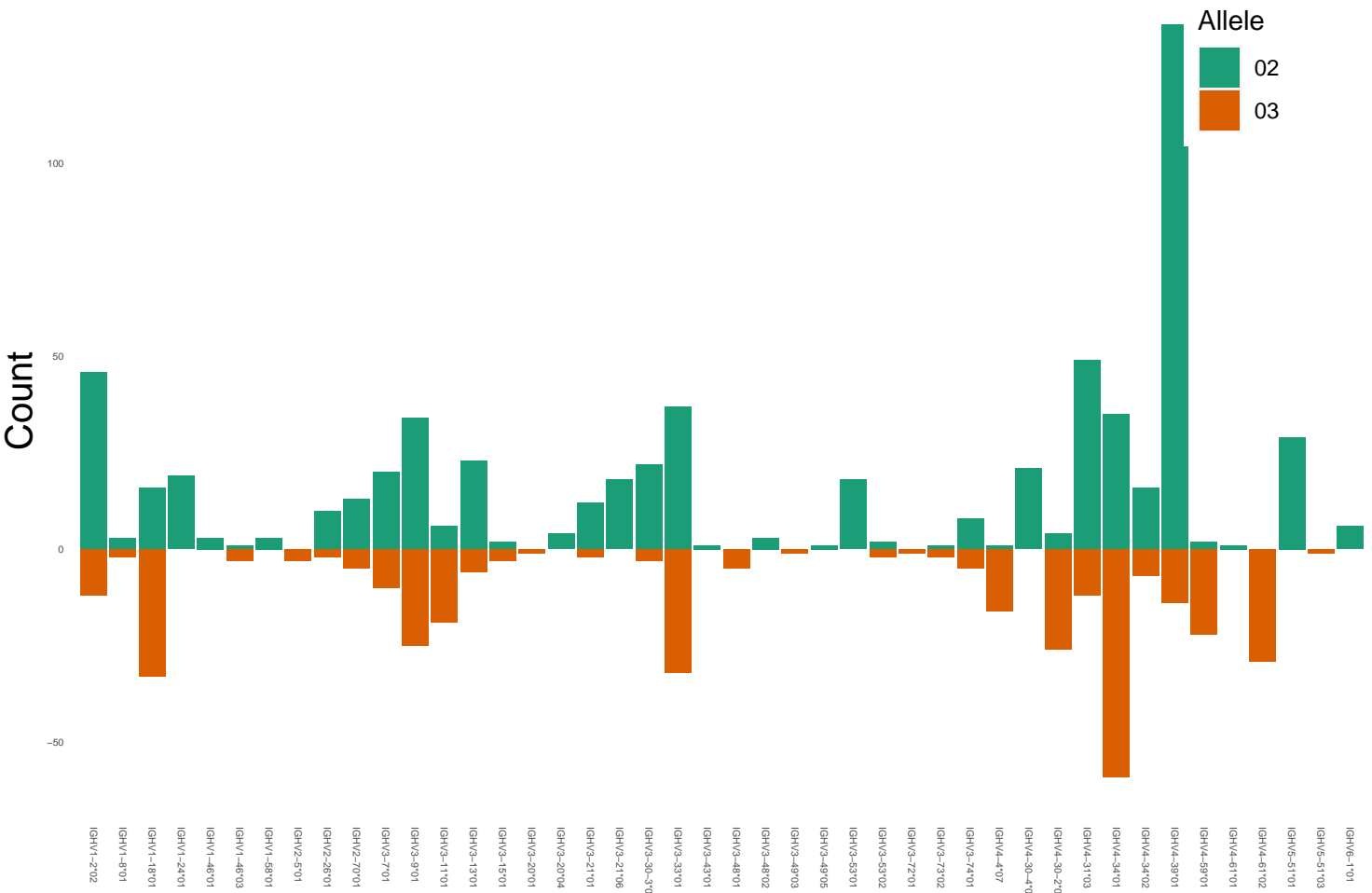
25 sequences assigned
3 (12%) exact matches, in which:
3 unique CDR3
3 unique J



Allele Usage



Sequence Count by IGHJ6 allele usage



Warning – no inferred sequences found.

Warning – no inferred sequences found.