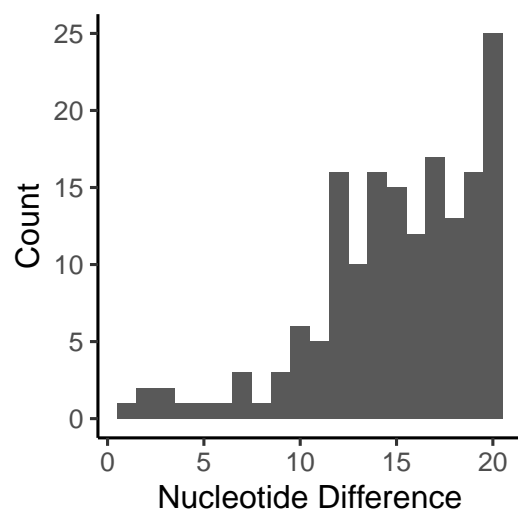


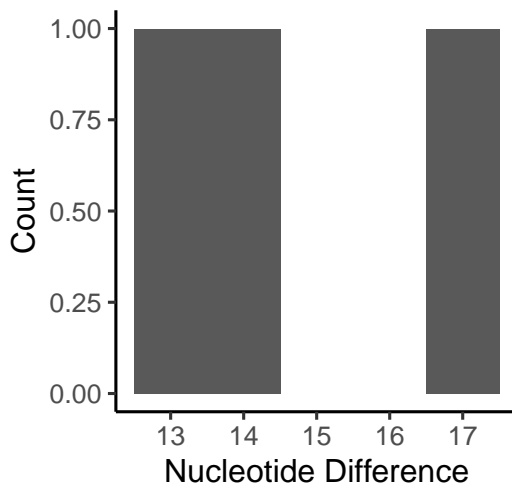
IGHV1-2*02

389 sequences assigned
No exact matches.



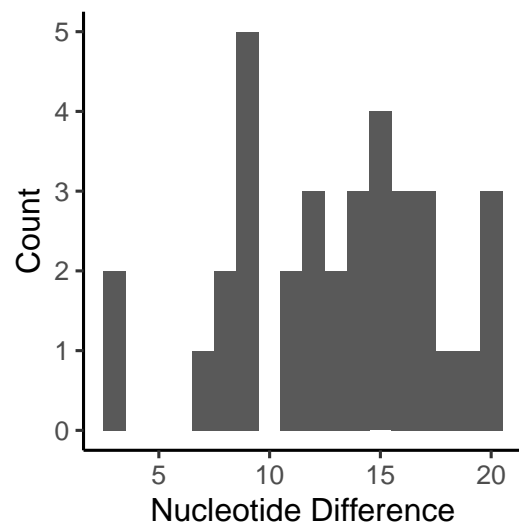
IGHV1-24*01

4 sequences assigned
No exact matches.



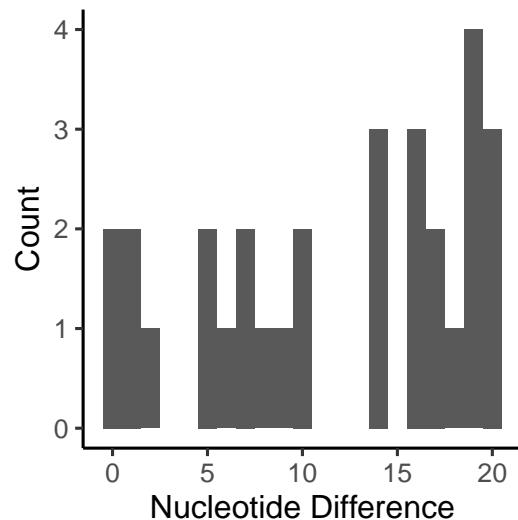
IGHV1-69*01_12_13

85 sequences assigned
No exact matches.



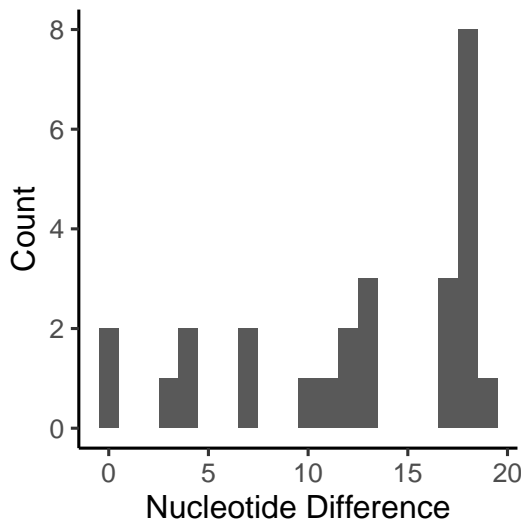
IGHV1-8*01

42 sequences assigned
2 (4.8%) exact matches, in which:
2 unique CDR3
1 unique J



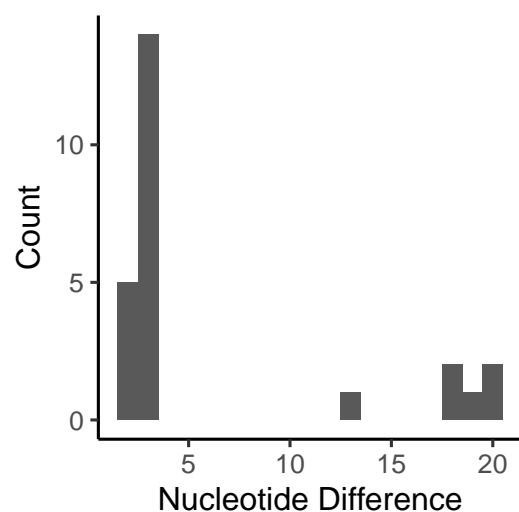
IGHV1-46*01

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



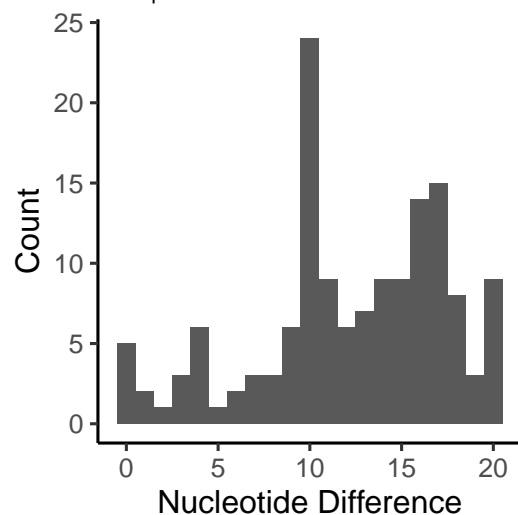
IGHV1-69*10

41 sequences assigned
No exact matches.



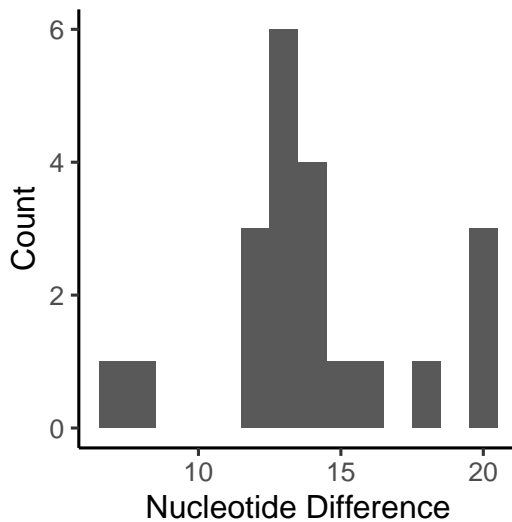
IGHV1-18*01

418 sequences assigned
5 (1.2%) exact matches, in which:
5 unique CDR3
2 unique J



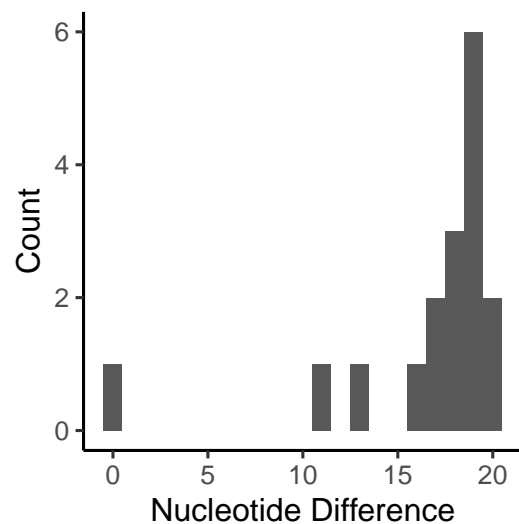
IGHV1-46*03

113 sequences assigned
No exact matches.



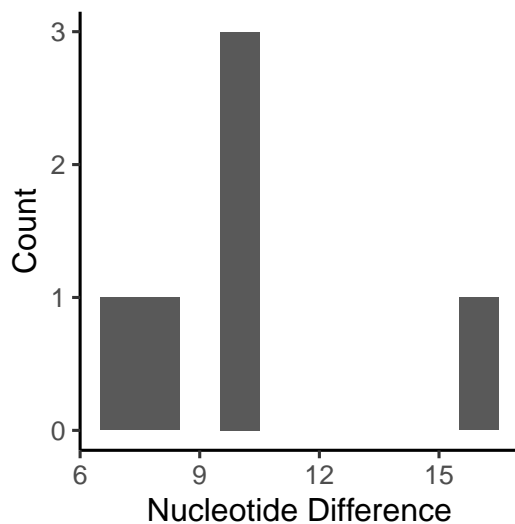
IGHV1-69*17

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



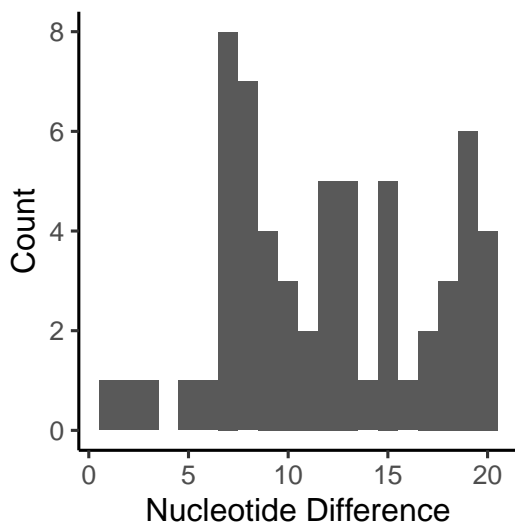
IGHV2-5*01

6 sequences assigned
No exact matches.



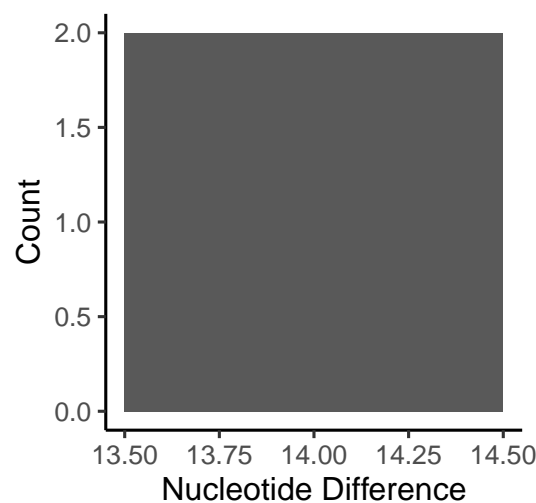
IGHV3-11*01

141 sequences assigned
No exact matches.



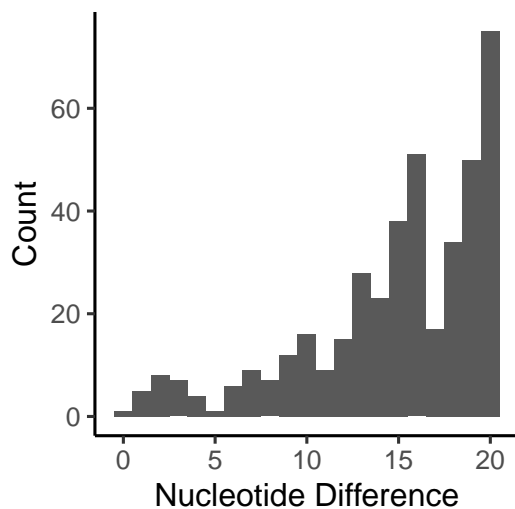
IGHV3-13*05

3 sequences assigned
No exact matches.



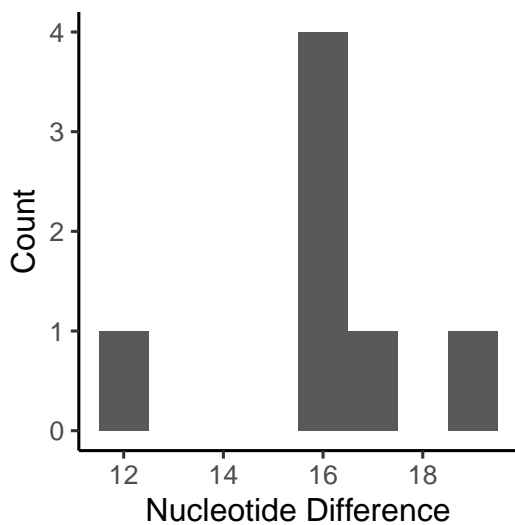
IGHV3-7*01

1040 sequences assigned
1 (0.1%) exact matches, in which:
1 unique CDR3
1 unique J



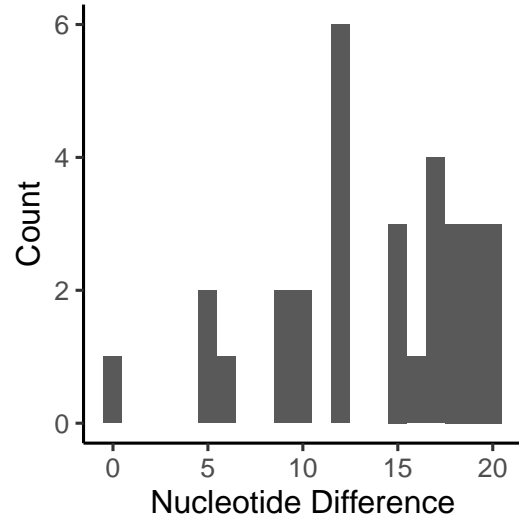
IGHV3-13*01

11 sequences assigned
No exact matches.



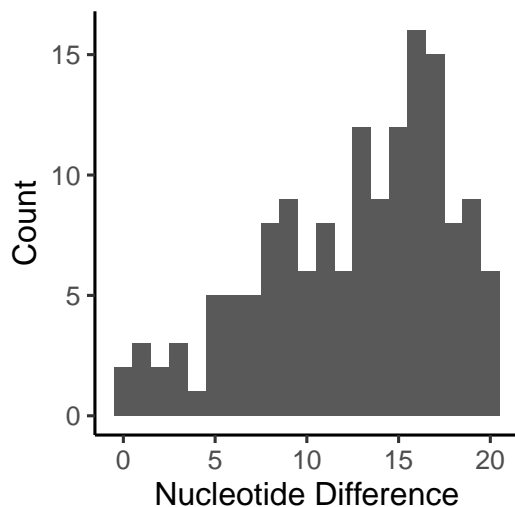
IGHV3-15*01_02

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



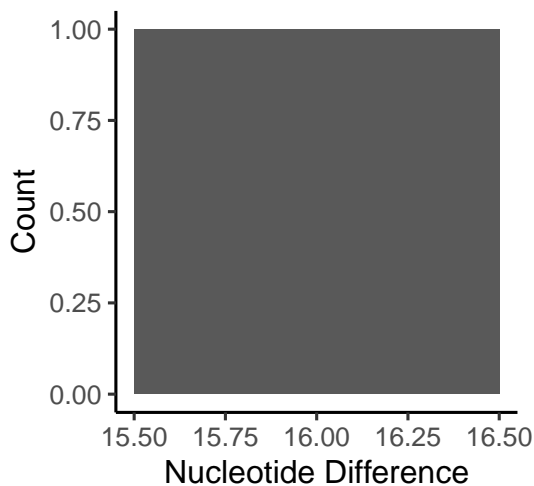
IGHV3-9*01

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



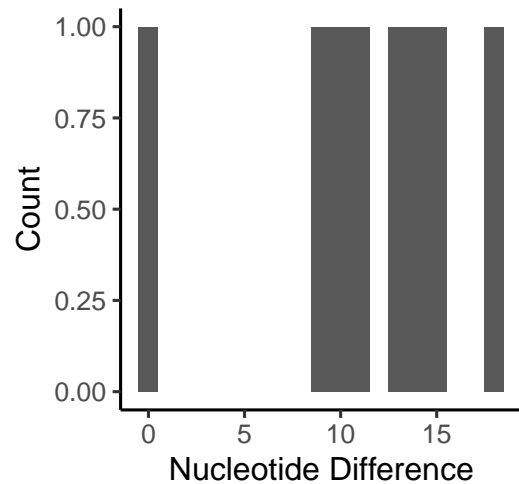
IGHV3-13*04

1 sequences assigned
No exact matches.



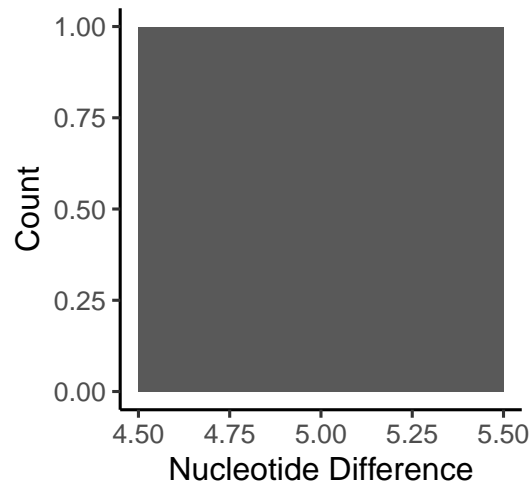
IGHV3-20*01_02

8 sequences assigned
1 (12.5%) exact matches, in which:
1 unique CDR3
1 unique J



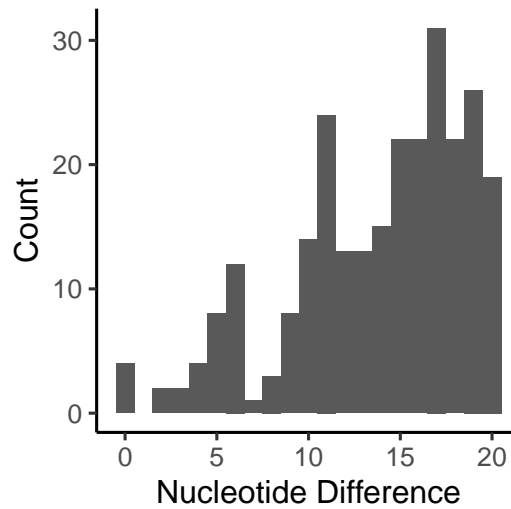
IGHV3-20*03_04

3 sequences assigned
No exact matches.



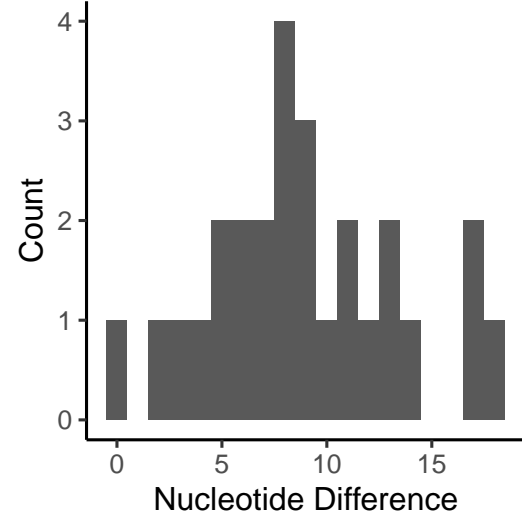
IGHV3-23*01_04

489 sequences assigned
4 (0.8%) exact matches, in which:
4 unique CDR3
2 unique J



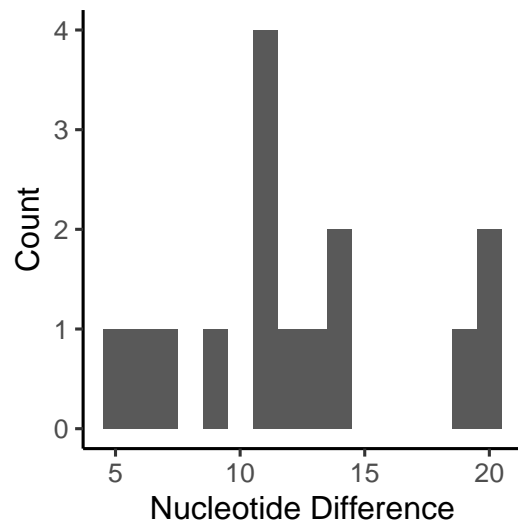
IGHV3-48*01

35 sequences assigned
1 (2.9%) exact matches, in which:
1 unique CDR3
1 unique J



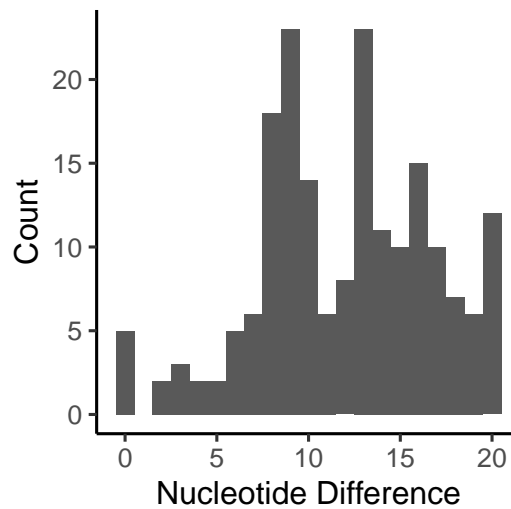
IGHV3-21*06

30 sequences assigned
No exact matches.



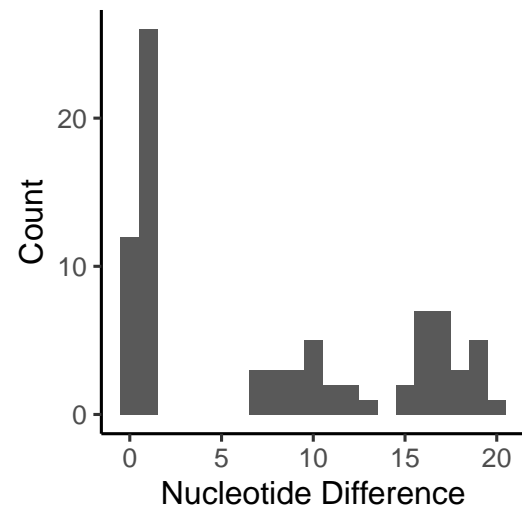
IGHV3-33*01

304 sequences assigned
5 (1.6%) exact matches, in which:
5 unique CDR3
3 unique J



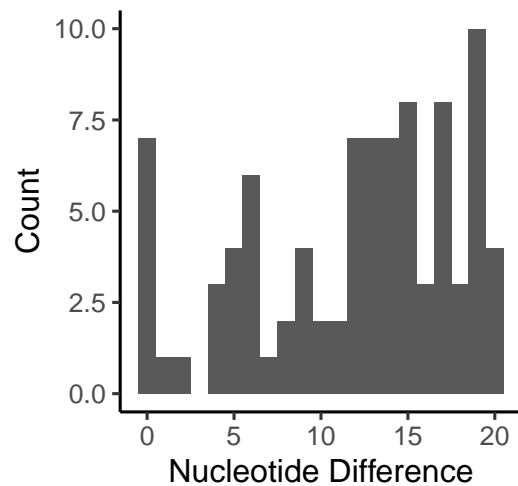
IGHV3-48*02

114 sequences assigned
12 (10.5%) exact matches, in which:
6 unique CDR3
2 unique J



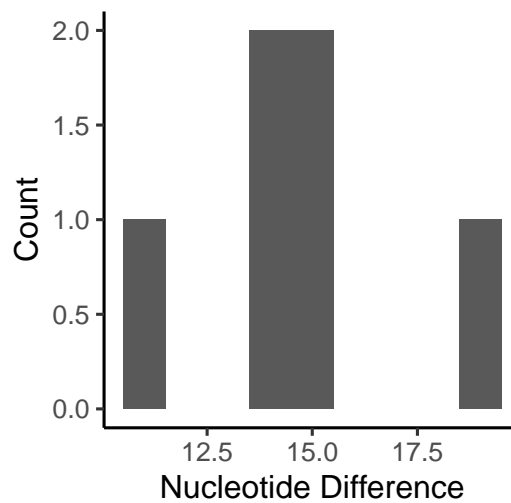
IGHV3-21*01_02

112 sequences assigned
7 (6.2%) exact matches, in which:
6 unique CDR3
3 unique J



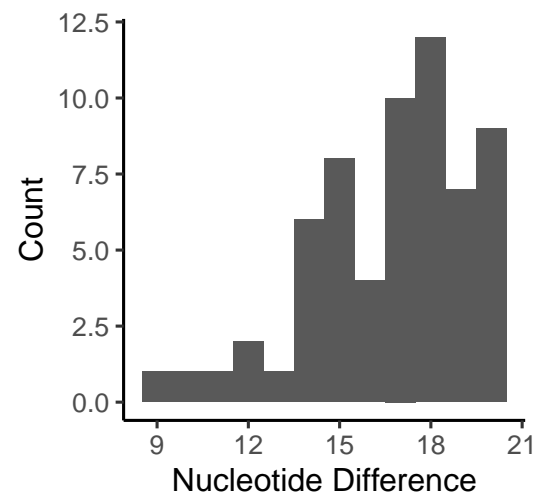
IGHV3-43*01

23 sequences assigned
No exact matches.



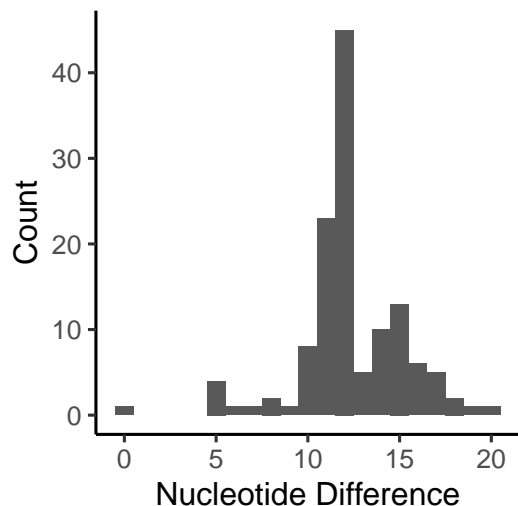
IGHV3-49*03_05

84 sequences assigned
No exact matches.



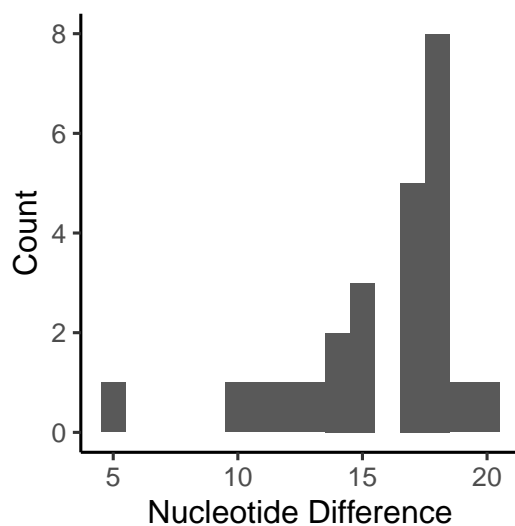
IGHV3-53*01_02

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



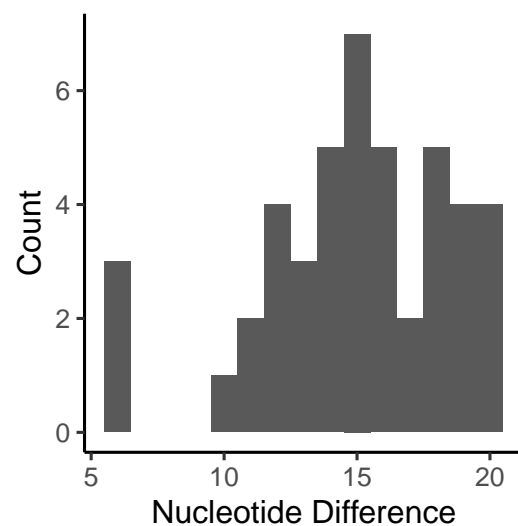
IGHV3-66*02

33 sequences assigned
No exact matches.



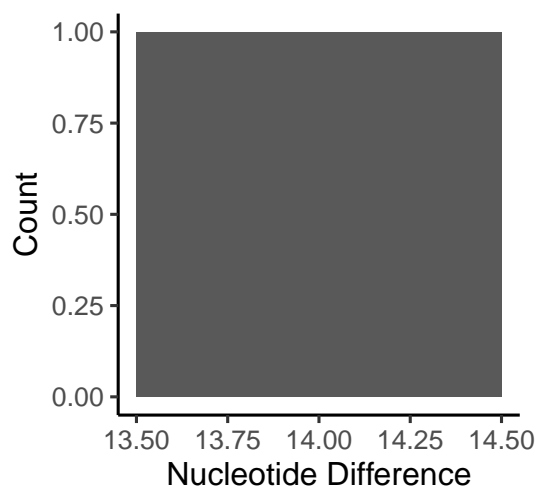
IGHV3-74*03

113 sequences assigned
No exact matches.



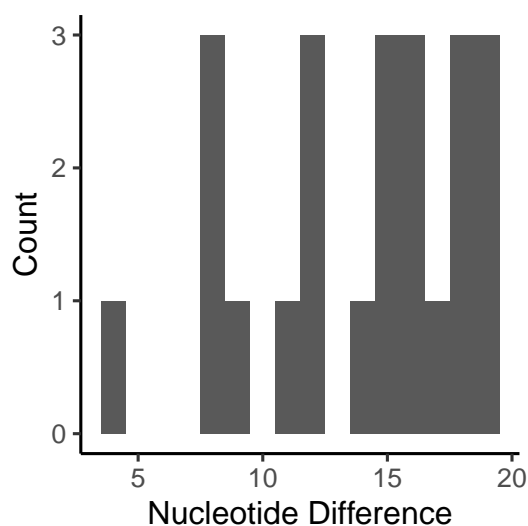
IGHV3-64*01

1 sequences assigned
No exact matches.



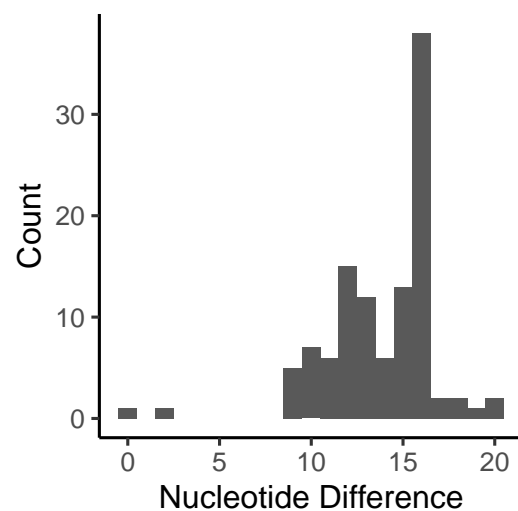
IGHV3-72*01

33 sequences assigned
No exact matches.



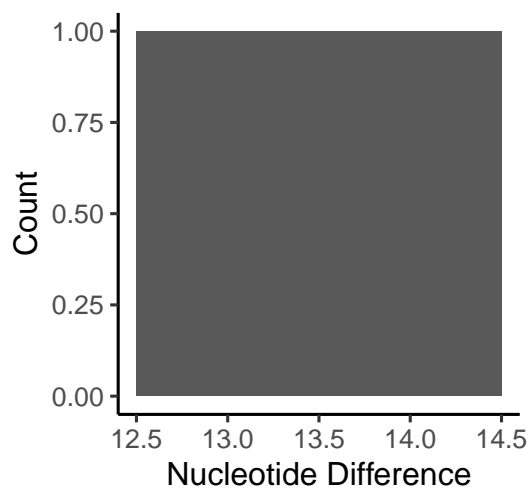
IGHV3-74*01_02

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



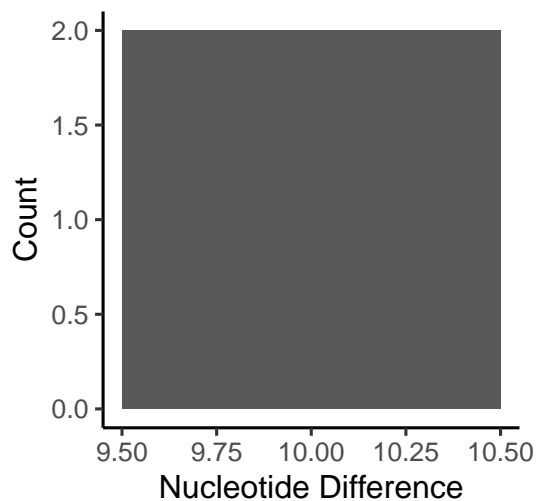
IGHV3-64*02_07

5 sequences assigned
No exact matches.



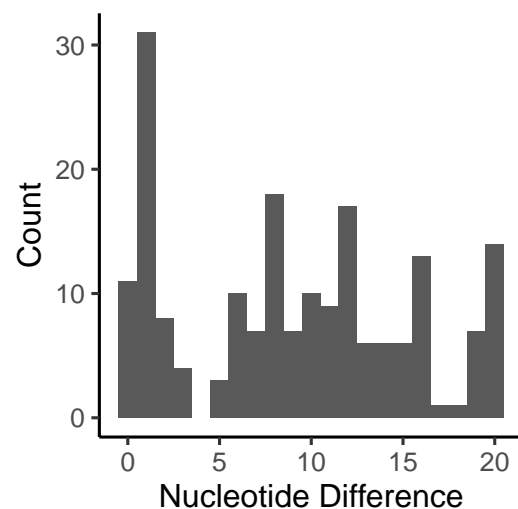
IGHV3-73*01_02

8 sequences assigned
No exact matches.



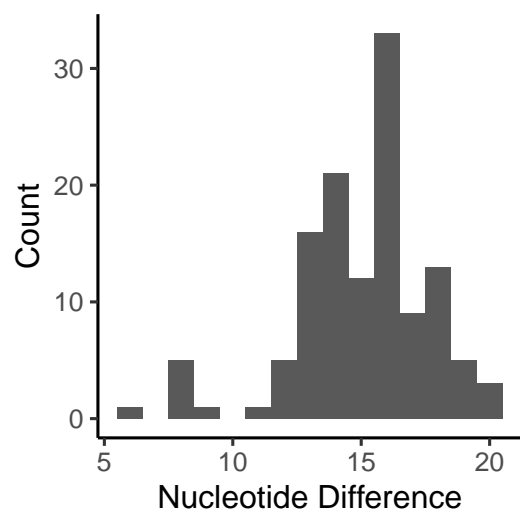
IGHV4-4*07

356 sequences assigned
11 (3.1%) exact matches, in which:
4 unique CDR3
2 unique J



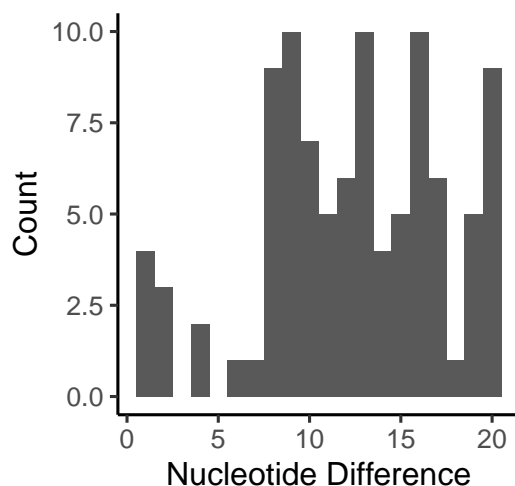
IGHV4-30-2*01

200 sequences assigned
No exact matches.



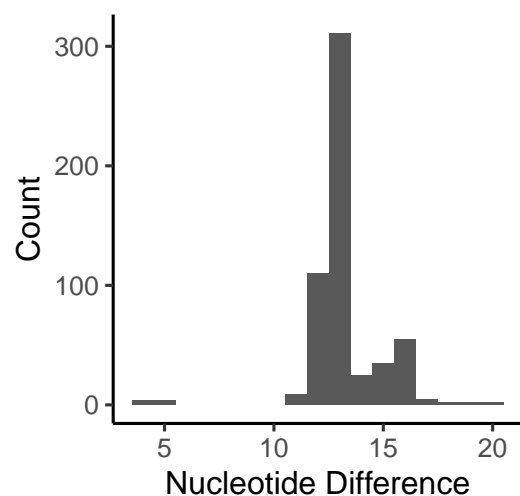
IGHV4-39*02

272 sequences assigned
No exact matches.



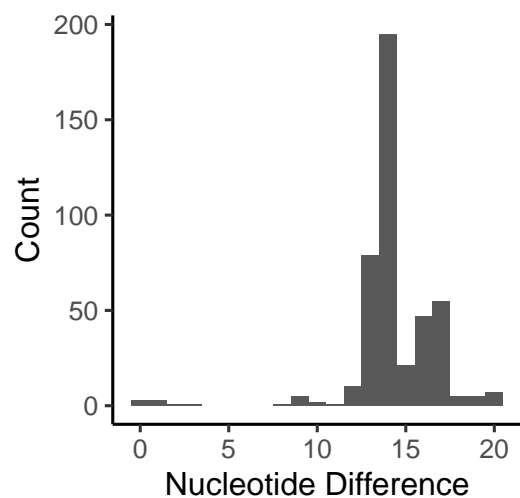
IGHV4-59*11

587 sequences assigned
No exact matches.



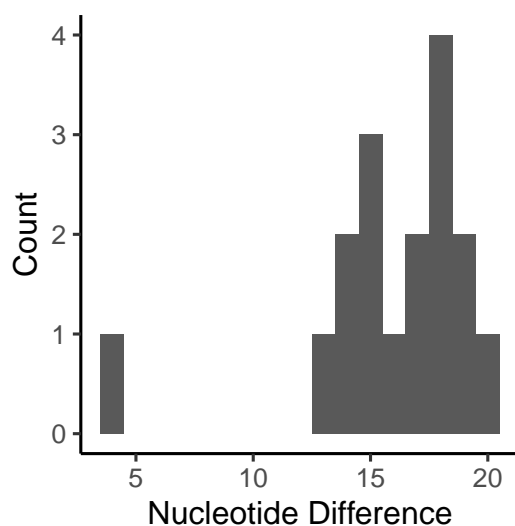
IGHV4-31*02

804 sequences assigned
3 (0.4%) exact matches, in which:
2 unique CDR3
2 unique J



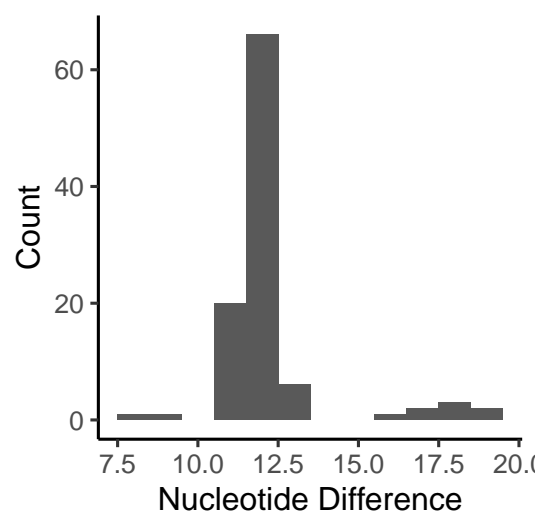
IGHV4-39*01_05

50 sequences assigned
No exact matches.



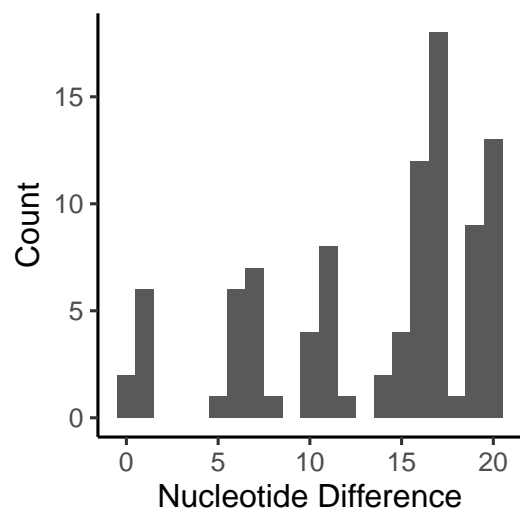
IGHV4-59*12

155 sequences assigned
No exact matches.



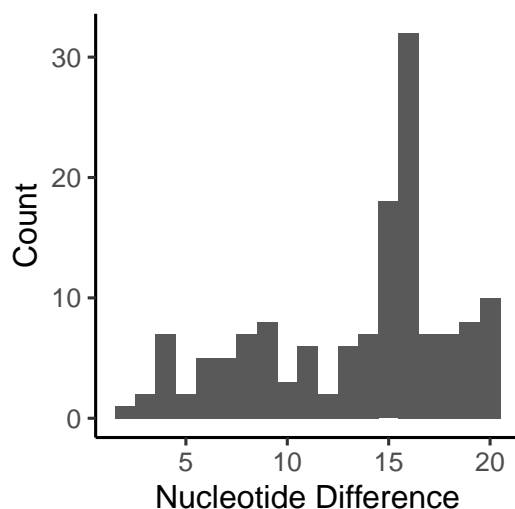
IGHV4-34*01_02

461 sequences assigned
2 (0.4%) exact matches, in which:
2 unique CDR3
2 unique J



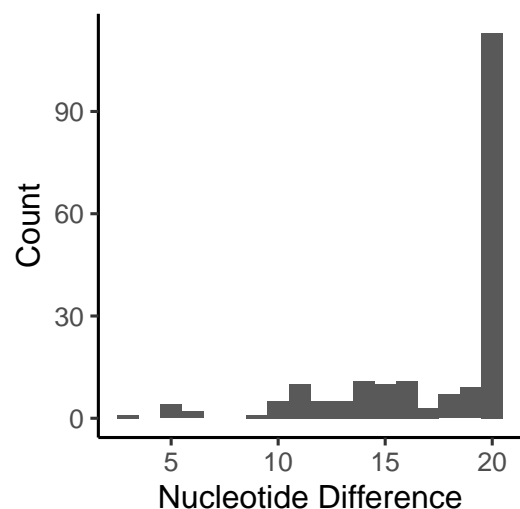
IGHV4-59*01_07

301 sequences assigned
No exact matches.



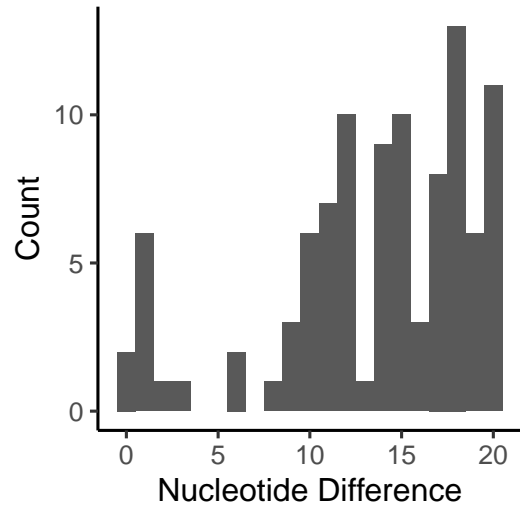
IGHV4-61*01

465 sequences assigned
No exact matches.



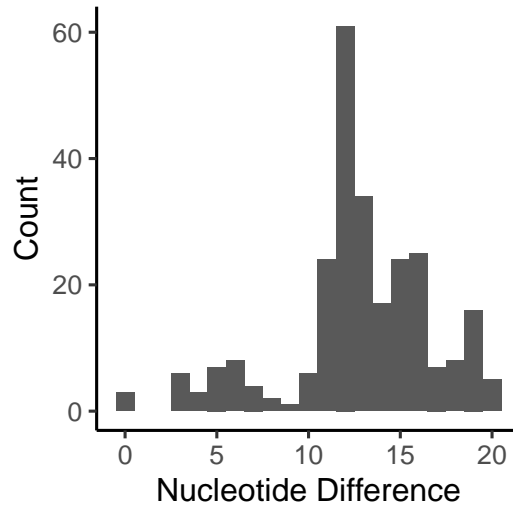
IGHV4-61*02

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



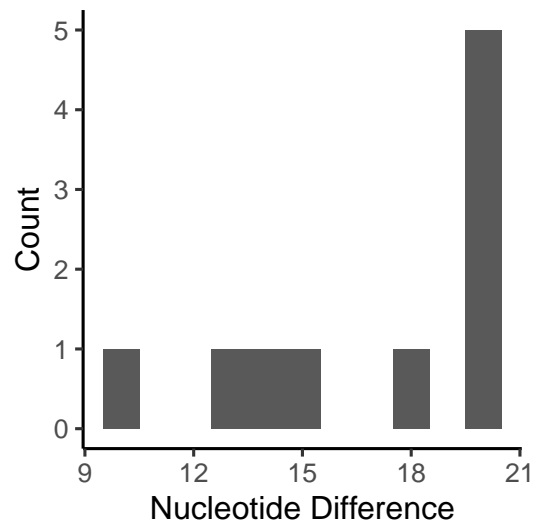
IGHV5-51*01_03

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



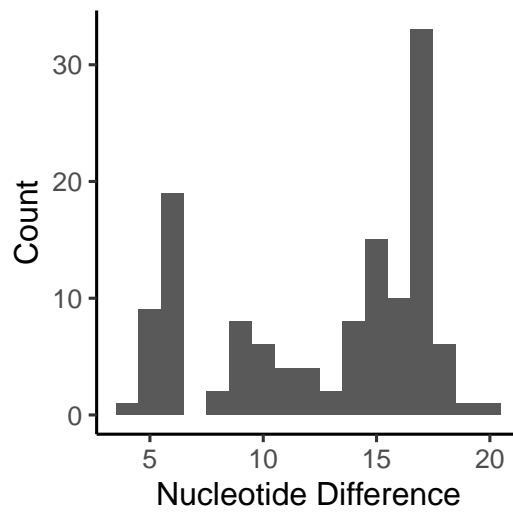
IGHV4-61*08

73 sequences assigned
No exact matches.



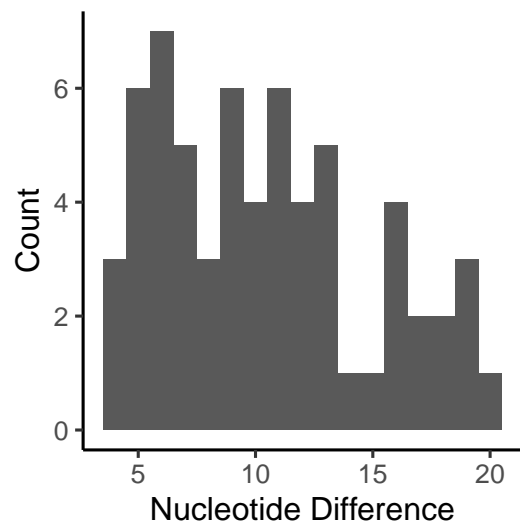
IGHV6-1*01_02

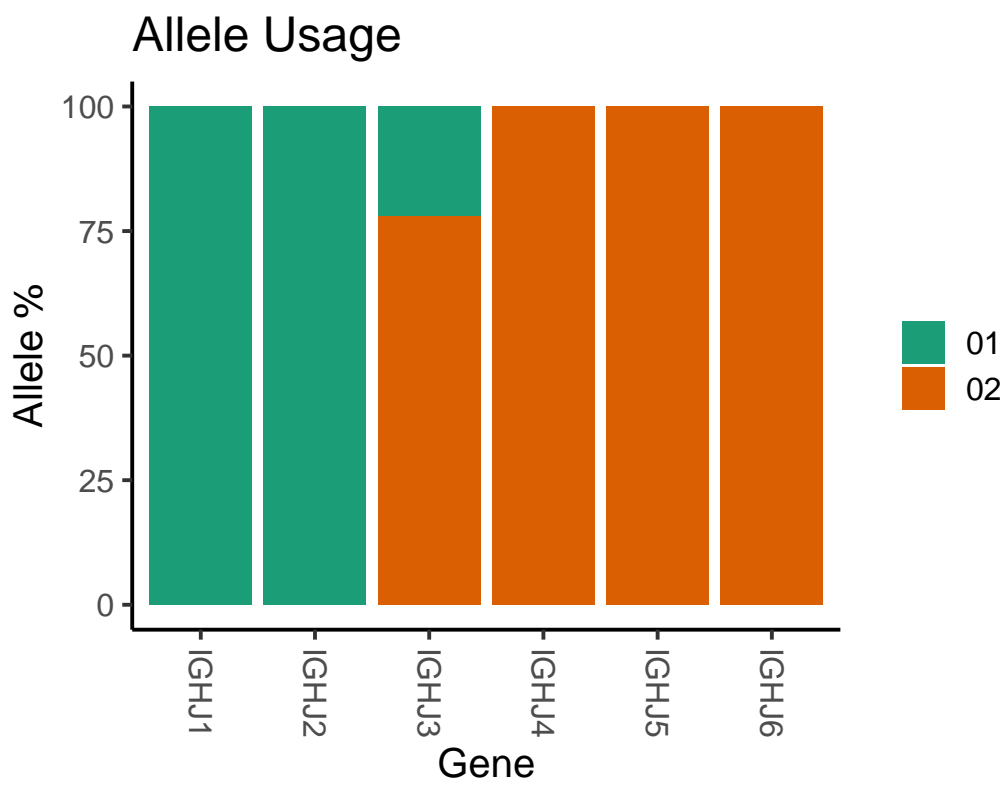
152 sequences assigned
No exact matches.



IGHV5-51*07

74 sequences assigned
No exact matches.





Warning – no inferred sequences found.