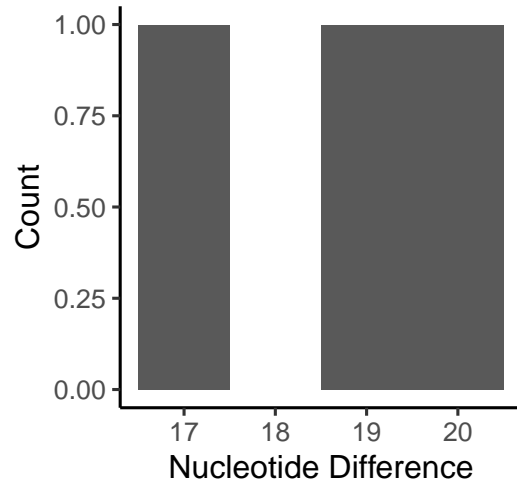


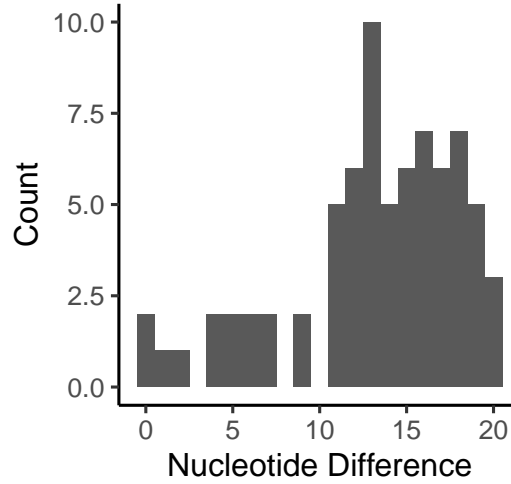
IGHV1-2*02

12 sequences assigned
No exact matches.



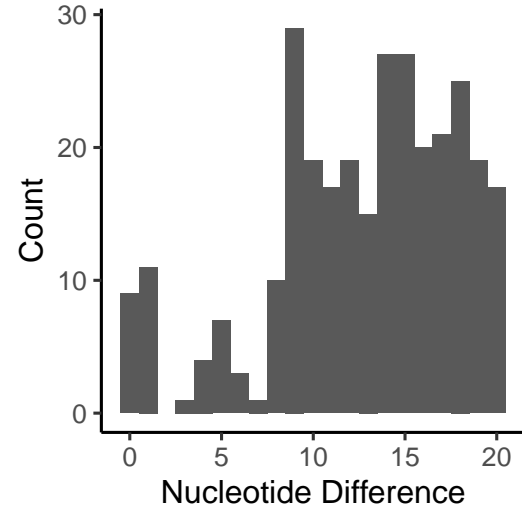
IGHV1-3*01_05

124 sequences assigned
2 (1.6%) exact matches, in which:
2 unique CDR3
1 unique J



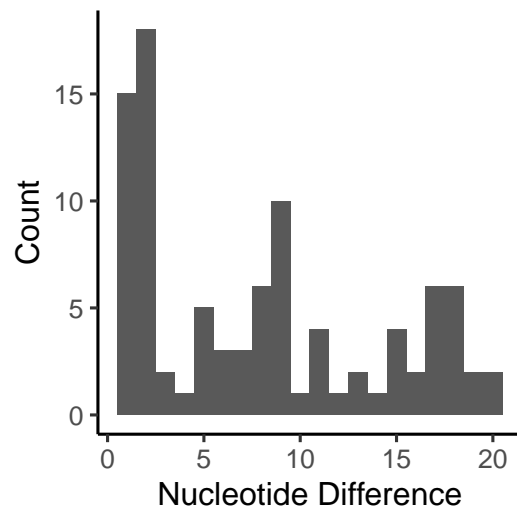
IGHV1-18*04

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



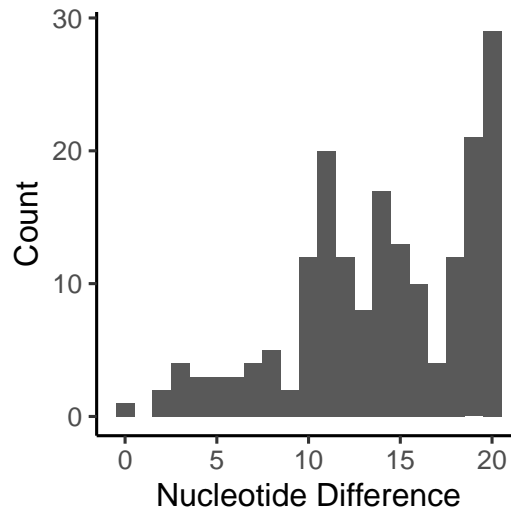
IGHV1-2*04

106 sequences assigned
No exact matches.



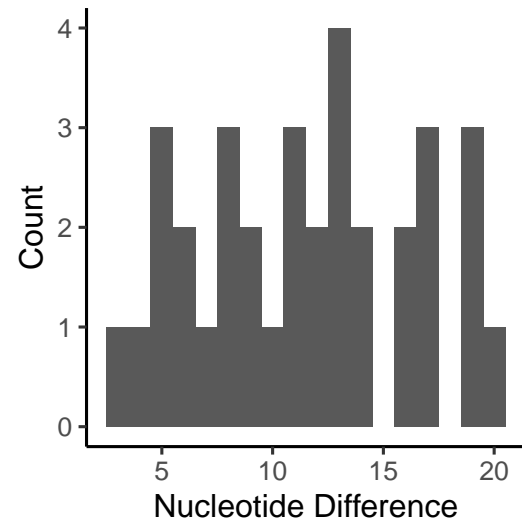
IGHV1-8*01

246 sequences assigned
1 (0.4%) exact matches, in which:
1 unique CDR3
1 unique J



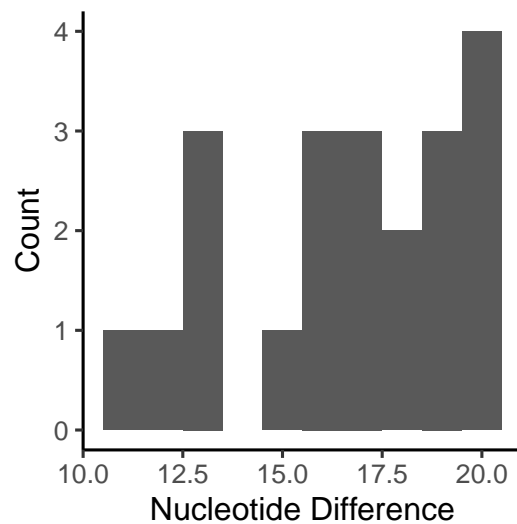
IGHV1-24*01

42 sequences assigned
No exact matches.



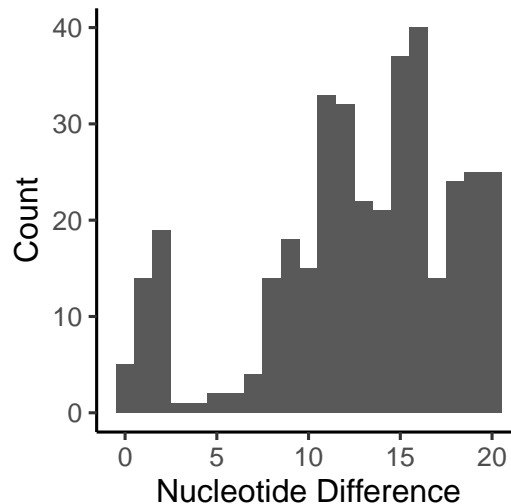
IGHV1-3*04

39 sequences assigned
No exact matches.



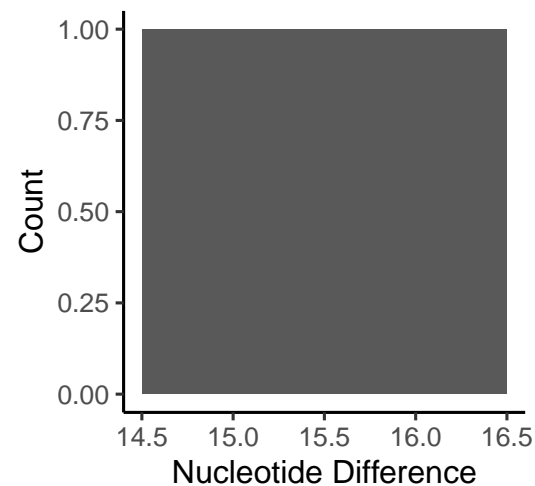
IGHV1-18*01

646 sequences assigned
5 (0.8%) exact matches, in which:
4 unique CDR3
2 unique J



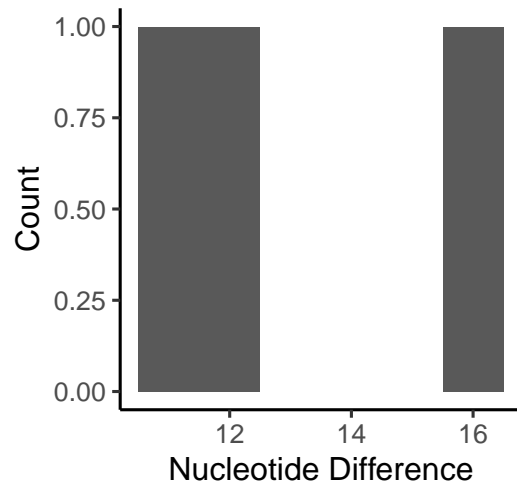
IGHV1-45*01

2 sequences assigned
No exact matches.



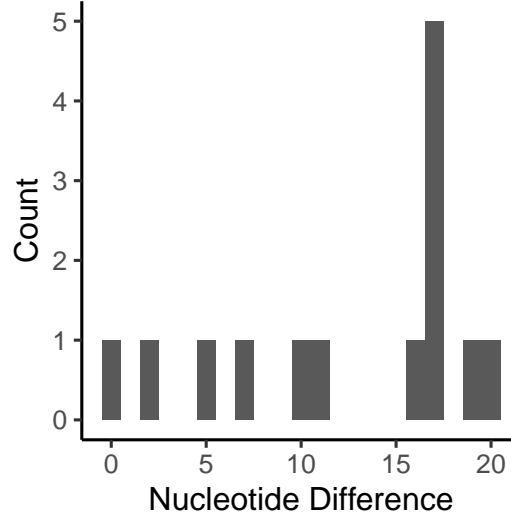
IGHV1-45*02

4 sequences assigned
No exact matches.



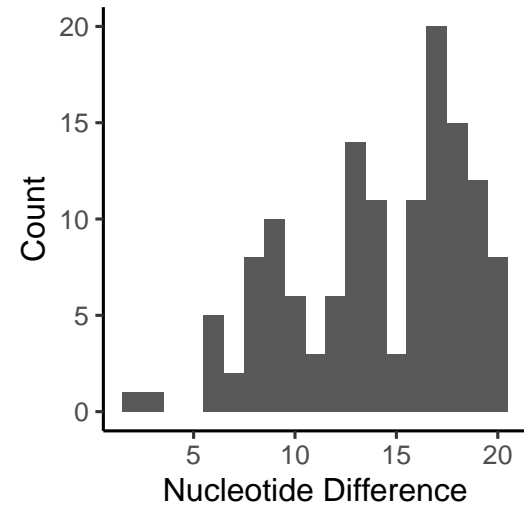
IGHV1-58*01_03

18 sequences assigned
1 (5.6%) exact matches, in which:
1 unique CDR3
1 unique J



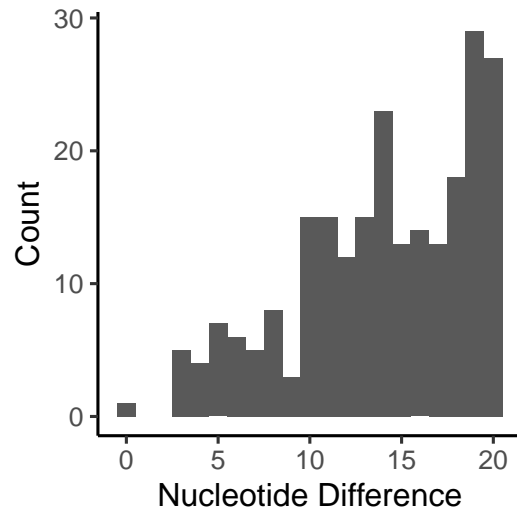
IGHV1-69*06_14

314 sequences assigned
No exact matches.



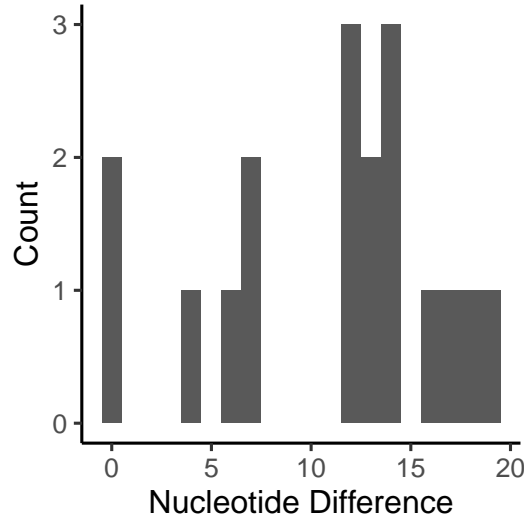
IGHV1-46*01

375 sequences assigned
1 (0.3%) exact matches, in which:
1 unique CDR3
1 unique J



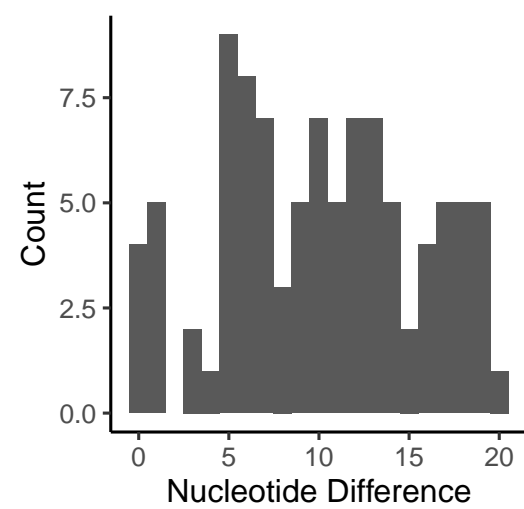
IGHV1-69-2*01

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



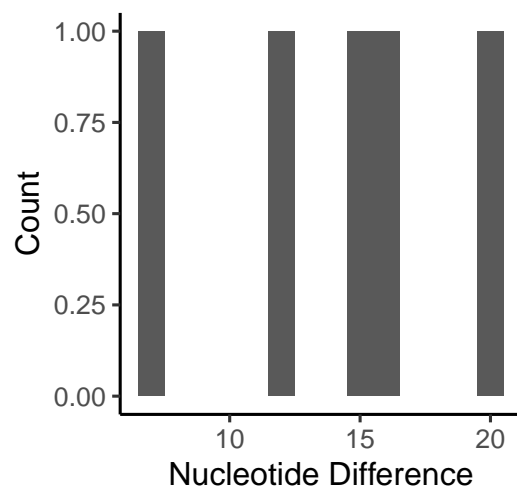
IGHV2-5*01

118 sequences assigned
4 (3.4%) exact matches, in which:
3 unique CDR3
2 unique J



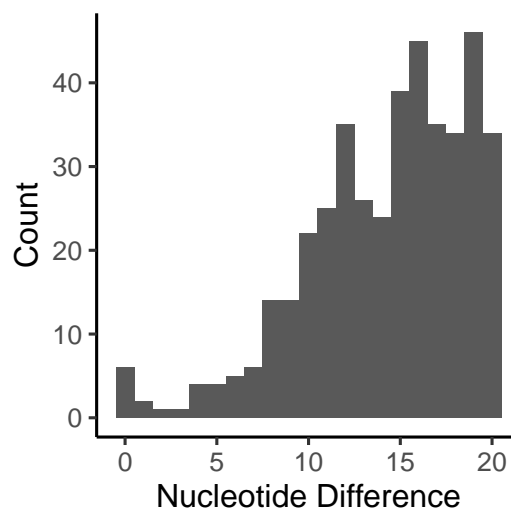
IGHV1-58*02

7 sequences assigned
No exact matches.



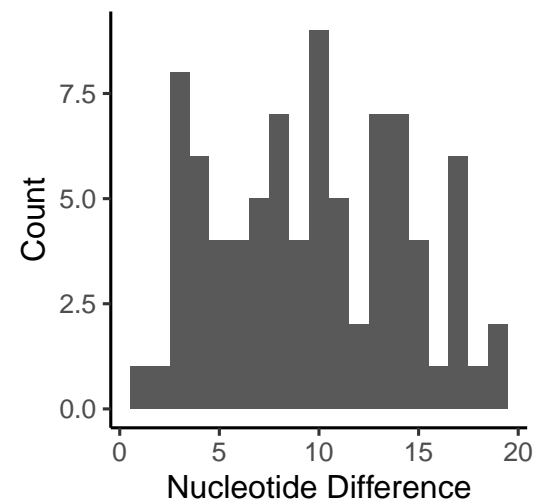
IGHV1-69*01_12_13

826 sequences assigned
6 (0.7%) exact matches, in which:
5 unique CDR3
2 unique J



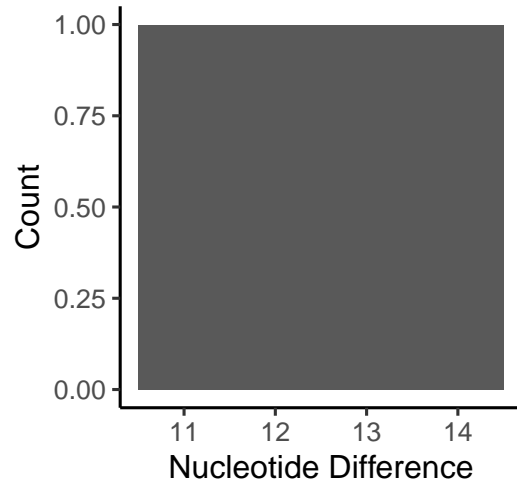
IGHV2-5*02

125 sequences assigned
No exact matches.



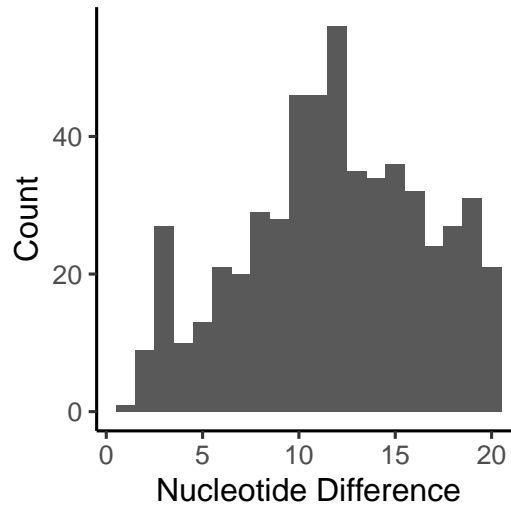
IGHV2-26*01

5 sequences assigned
No exact matches.



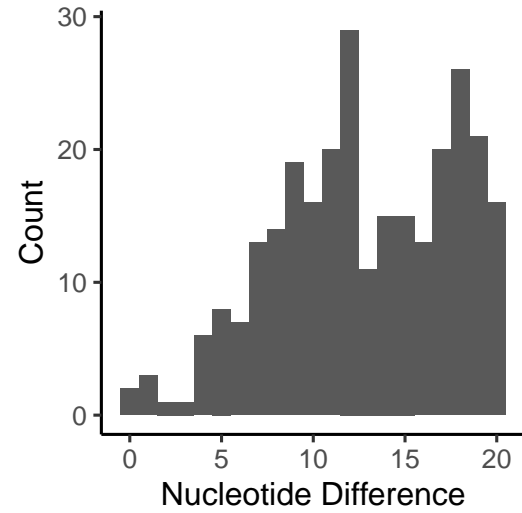
IGHV3-7*01

705 sequences assigned
No exact matches.



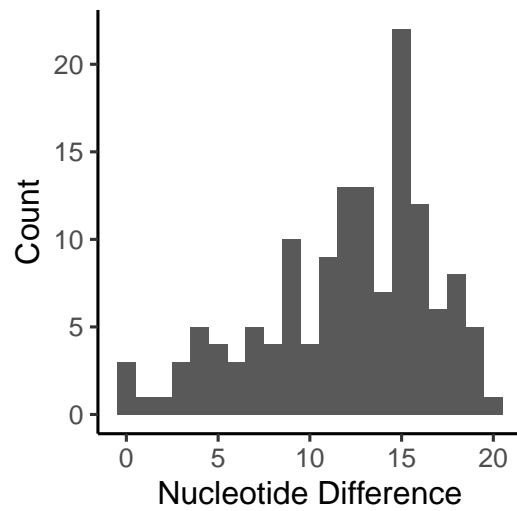
IGHV3-11*01

404 sequences assigned
2 (0.5%) exact matches, in which:
1 unique CDR3
1 unique J



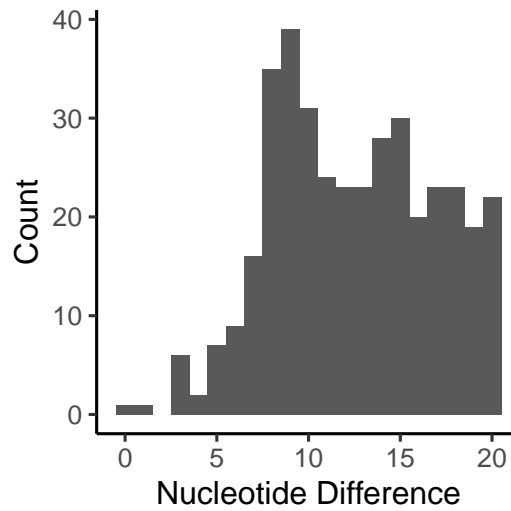
IGHV2-70*01

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



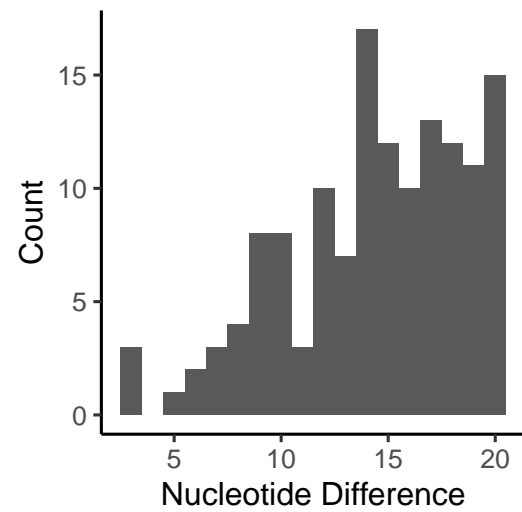
IGHV3-7*03

542 sequences assigned
1 (0.2%) exact matches, in which:
1 unique CDR3
1 unique J



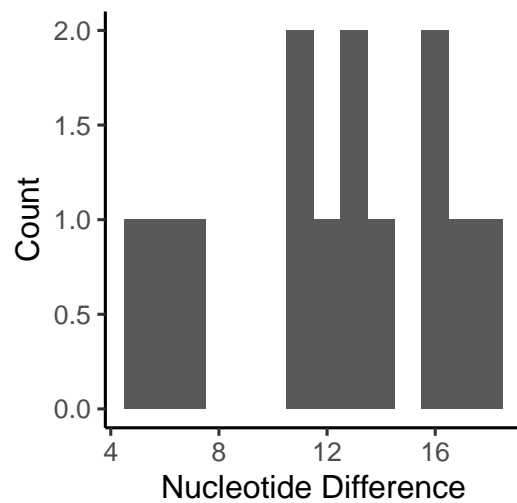
IGHV3-11*06

201 sequences assigned
No exact matches.



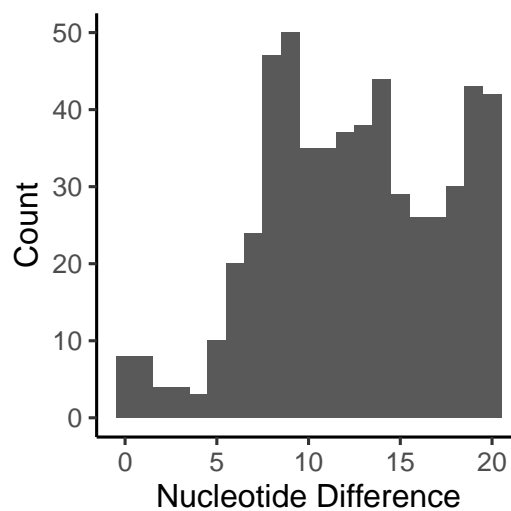
IGHV2-70*13

19 sequences assigned
No exact matches.



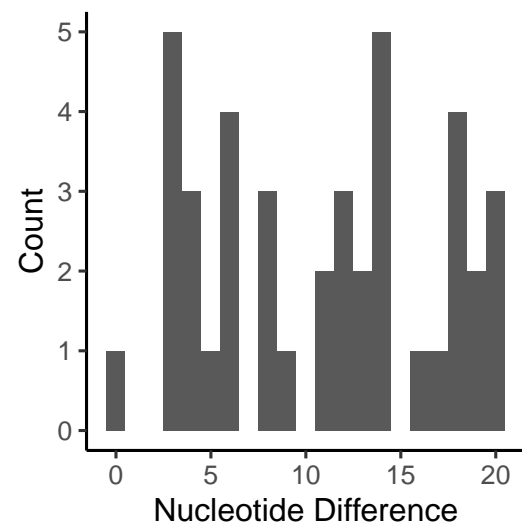
IGHV3-9*01

704 sequences assigned
8 (1.1%) exact matches, in which:
7 unique CDR3
4 unique J



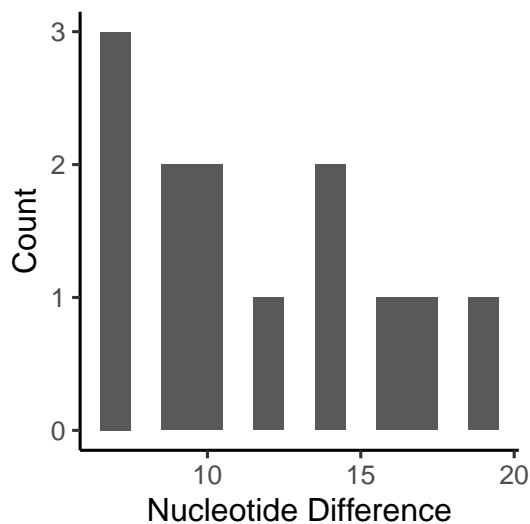
IGHV3-13*01

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



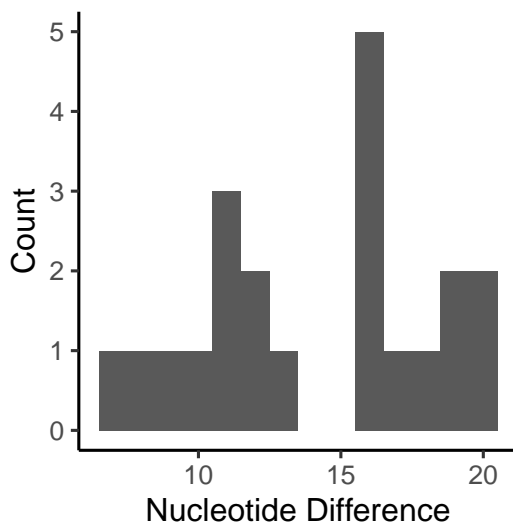
IGHV3-13*05

18 sequences assigned
No exact matches.



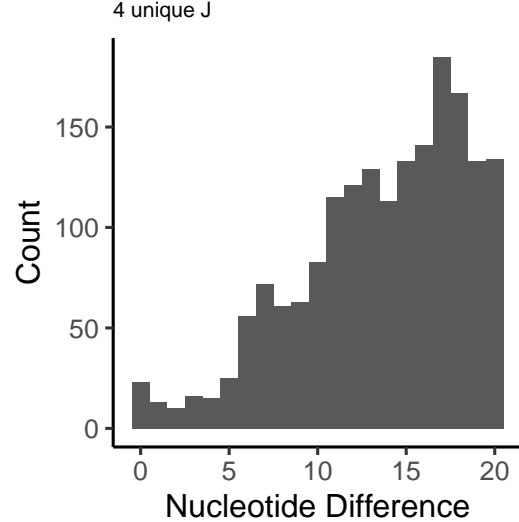
IGHV3-20*03_04

30 sequences assigned
No exact matches.



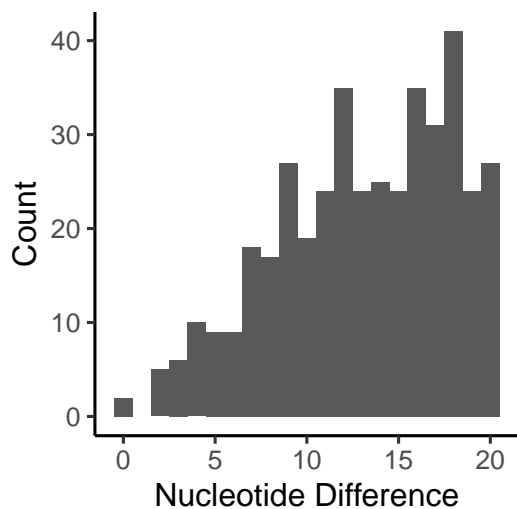
IGHV3-23*01_04

3194 sequences assigned
23 (0.7%) exact matches, in which:
17 unique CDR3
4 unique J



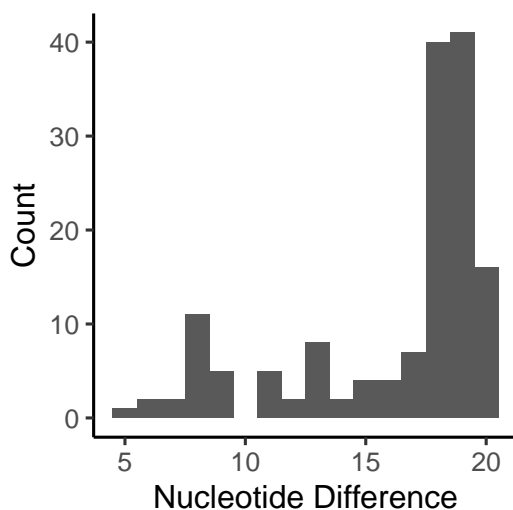
IGHV3-15*01_02

614 sequences assigned
2 (0.3%) exact matches, in which:
2 unique CDR3
2 unique J



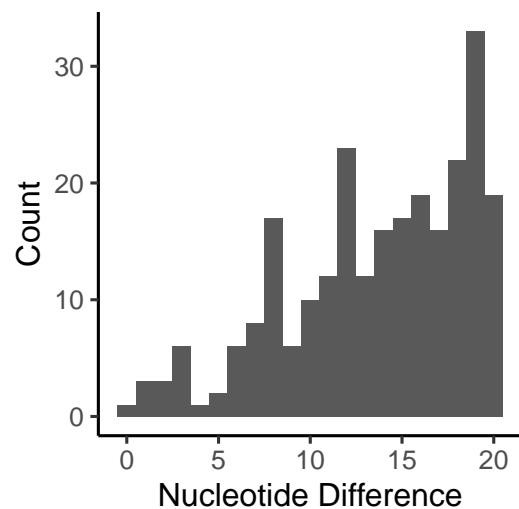
IGHV3-21*06

250 sequences assigned
No exact matches.



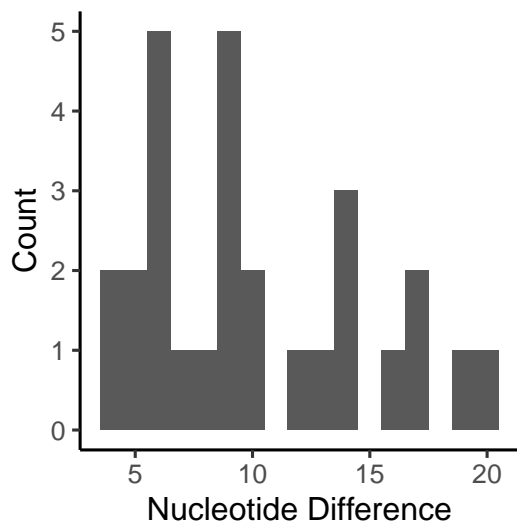
IGHV3-30-3*01

385 sequences assigned
1 (0.3%) exact matches, in which:
1 unique CDR3
1 unique J



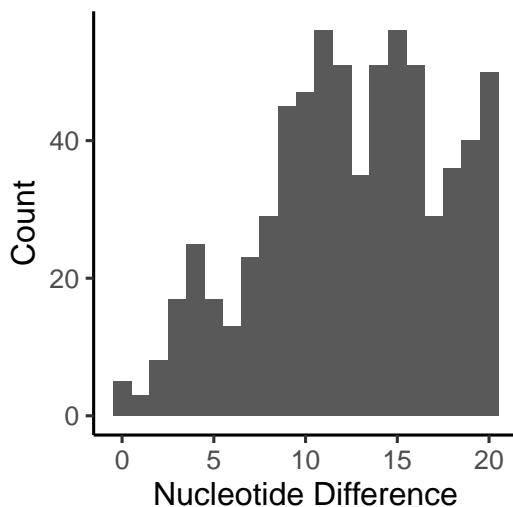
IGHV3-20*01_02

31 sequences assigned
No exact matches.



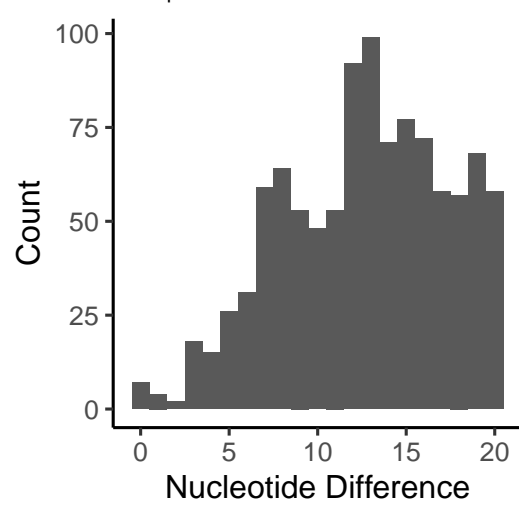
IGHV3-21*01_02

971 sequences assigned
5 (0.5%) exact matches, in which:
5 unique CDR3
3 unique J



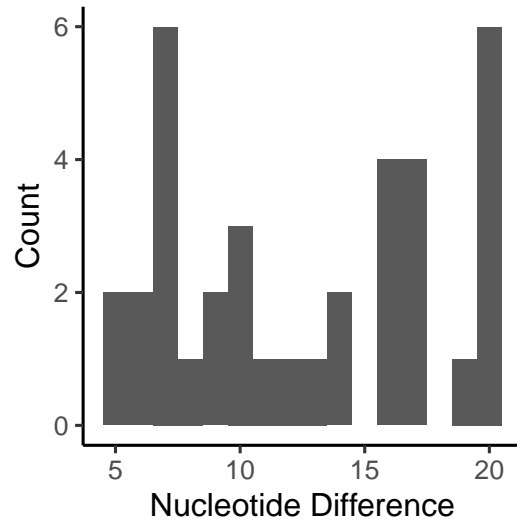
IGHV3-33*01

1396 sequences assigned
7 (0.5%) exact matches, in which:
4 unique CDR3
3 unique J



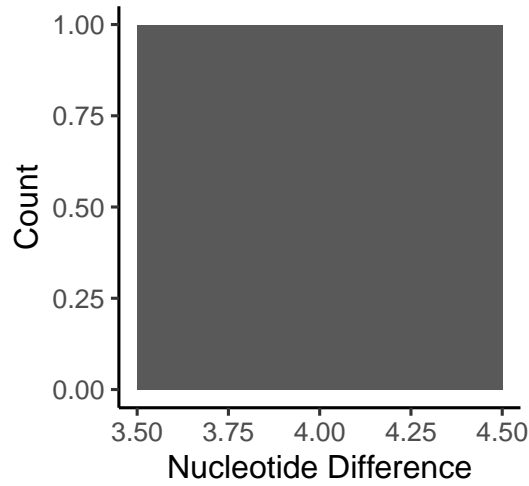
IGHV3-43*01

53 sequences assigned
No exact matches.



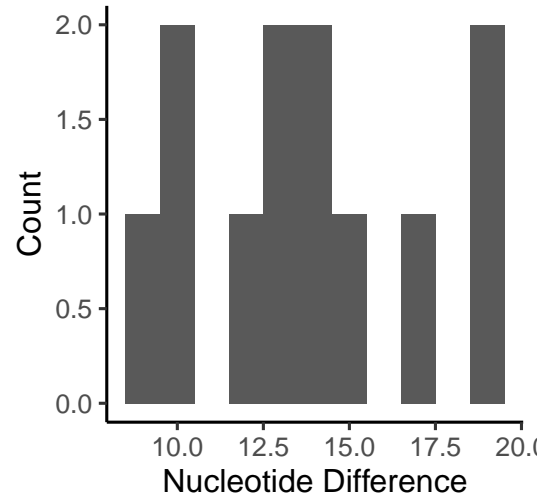
IGHV3-52*01_03

1 sequences assigned
No exact matches.



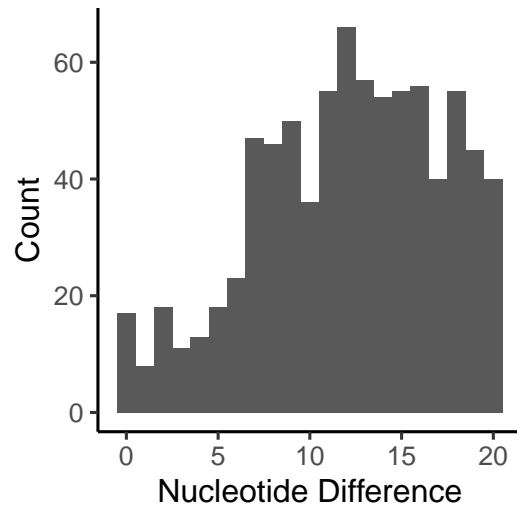
IGHV3-64*02_07

27 sequences assigned
No exact matches.



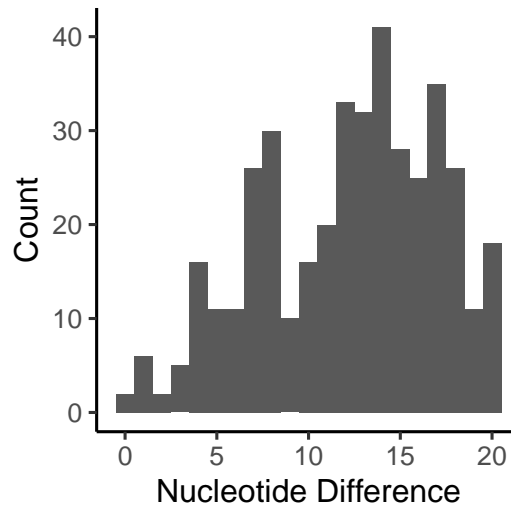
IGHV3-48*03

1159 sequences assigned
17 (1.5%) exact matches, in which:
15 unique CDR3
4 unique J



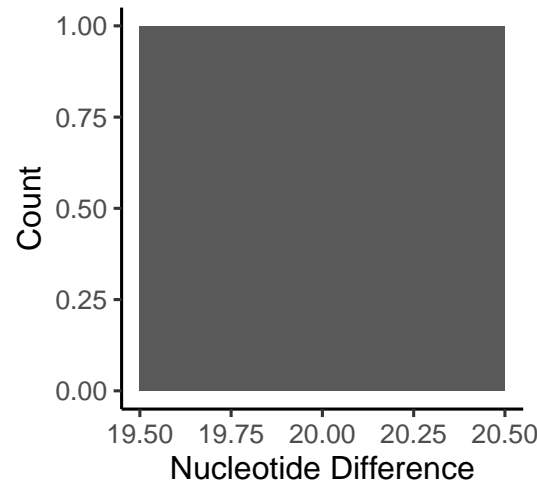
IGHV3-53*01_02

703 sequences assigned
2 (0.3%) exact matches, in which:
2 unique CDR3
1 unique J



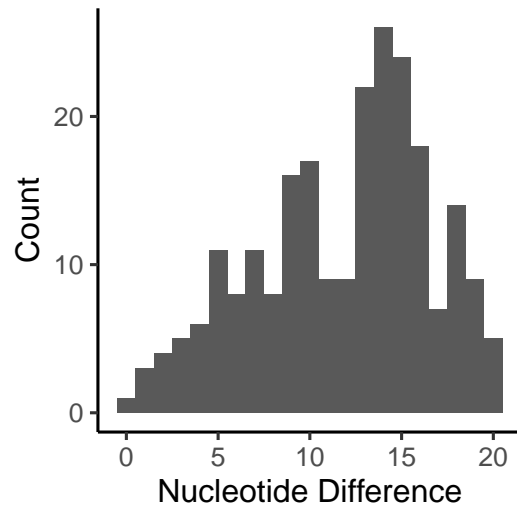
IGHV3-69-1*02

8 sequences assigned
No exact matches.



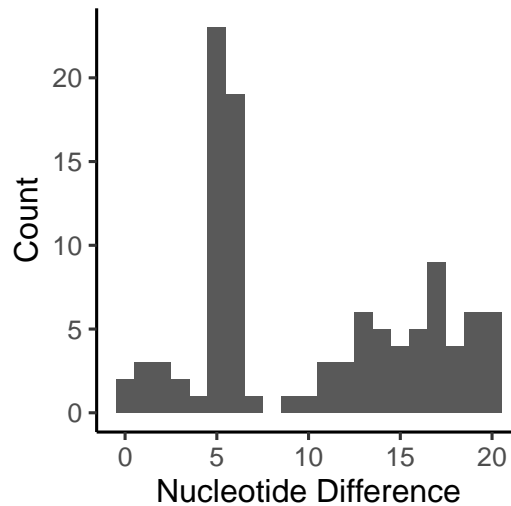
IGHV3-49*04

308 sequences assigned
1 (0.3%) exact matches, in which:
1 unique CDR3
1 unique J



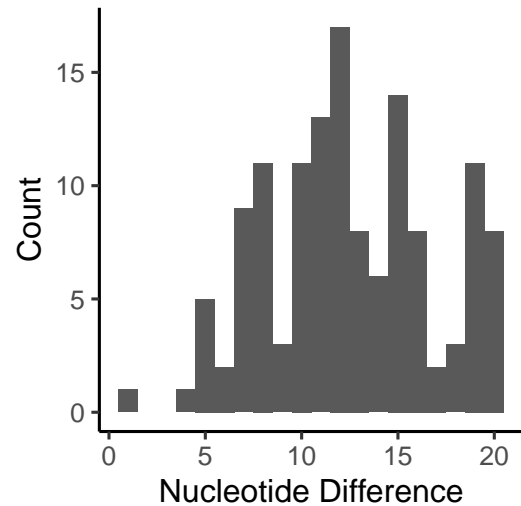
IGHV3-64*01

122 sequences assigned
2 (1.6%) exact matches, in which:
1 unique CDR3
1 unique J



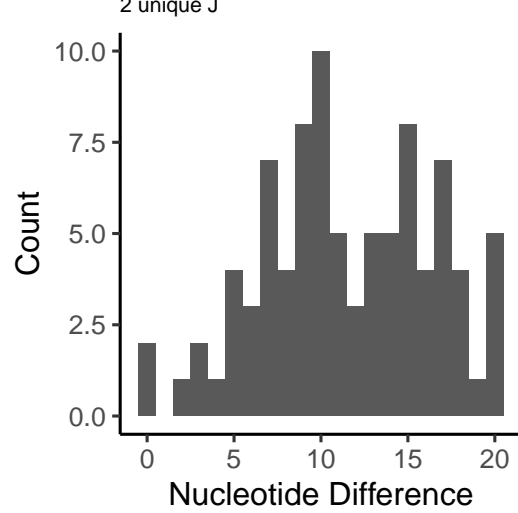
IGHV3-72*01

151 sequences assigned
No exact matches.



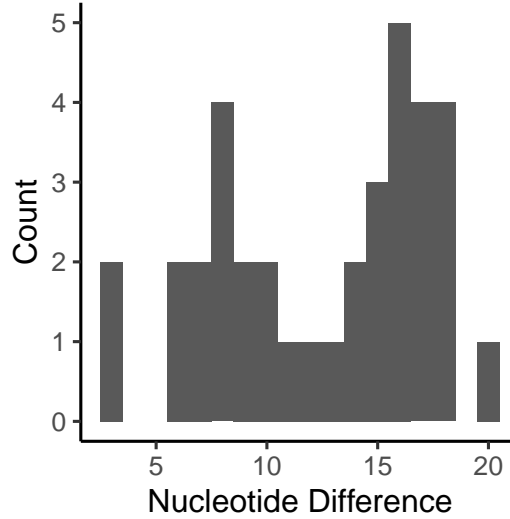
IGHV3-73*01_02

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



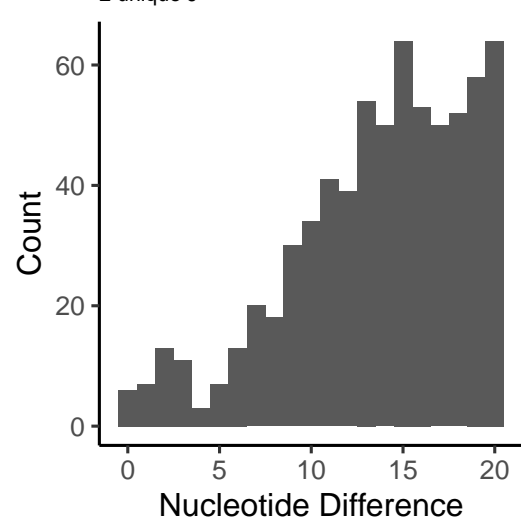
IGHV3-43D*04

46 sequences assigned
No exact matches.



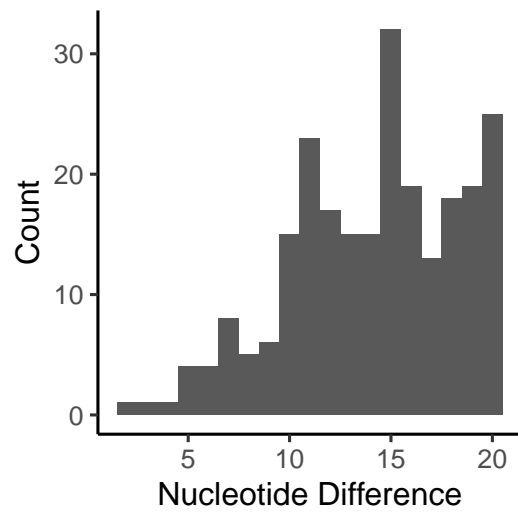
IGHV4-4*02_03

1360 sequences assigned
6 (0.4%) exact matches, in which:
3 unique CDR3
2 unique J



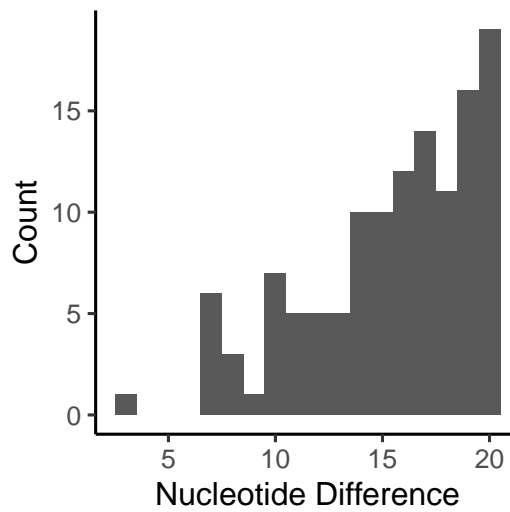
IGHV3-74*03

378 sequences assigned
No exact matches.



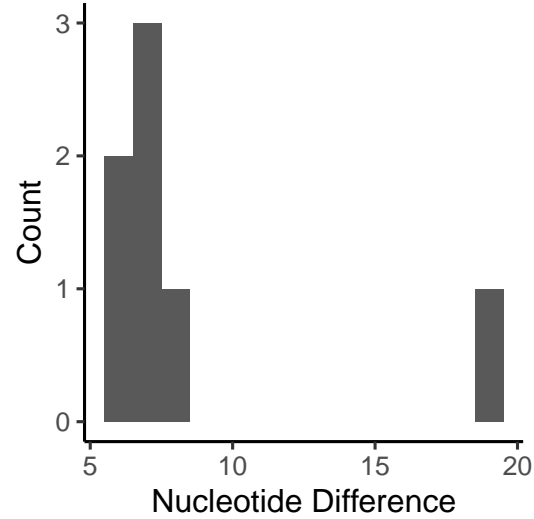
IGHV3-64D*09

228 sequences assigned
No exact matches.



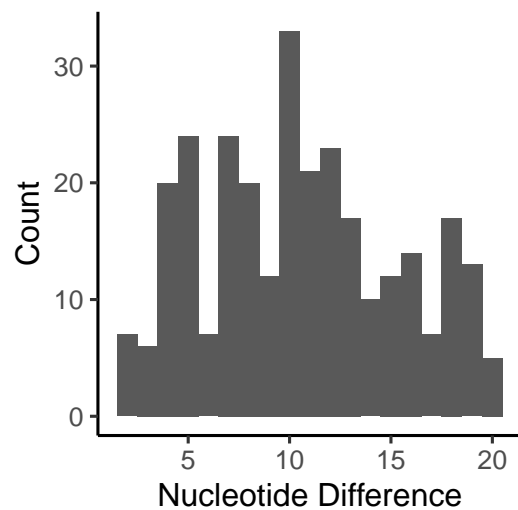
IGHV4-28*01_07

7 sequences assigned
No exact matches.



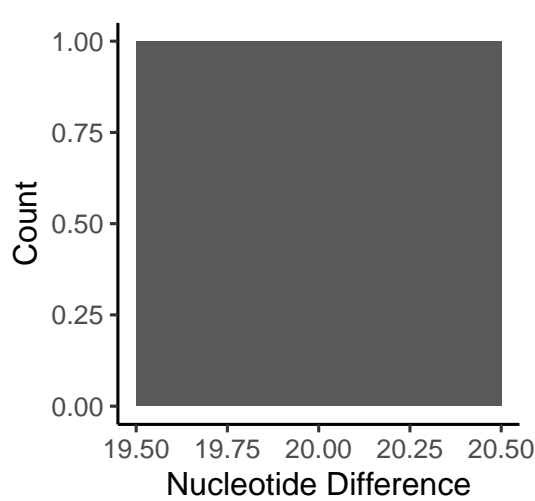
IGHV3-74*01_02

374 sequences assigned
No exact matches.



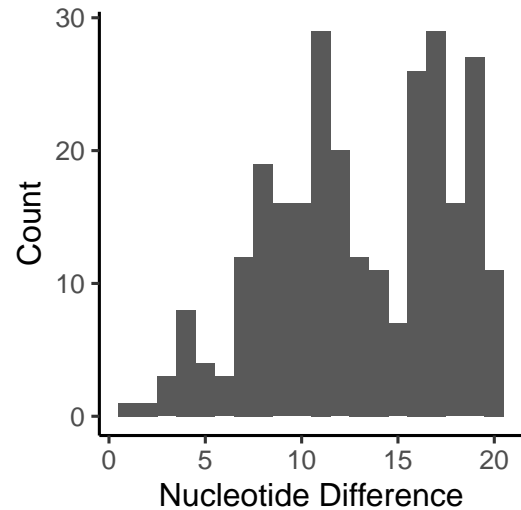
IGHV3-NL1*01

1 sequences assigned
No exact matches.



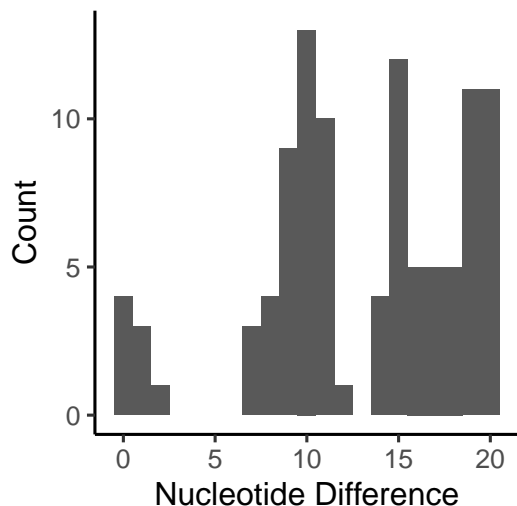
IGHV4-30-4*01

470 sequences assigned
No exact matches.



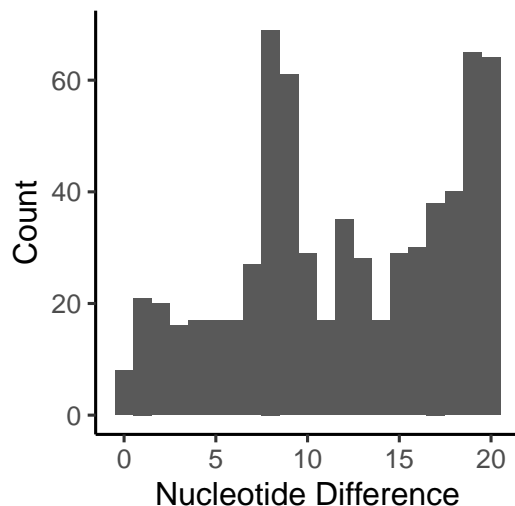
IGHV4-30-2*01

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



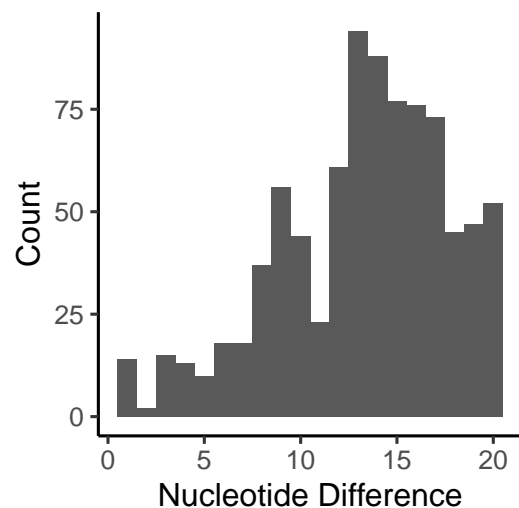
IGHV4-34*01_02

1521 sequences assigned
8 (0.5%) exact matches, in which:
6 unique CDR3
4 unique J



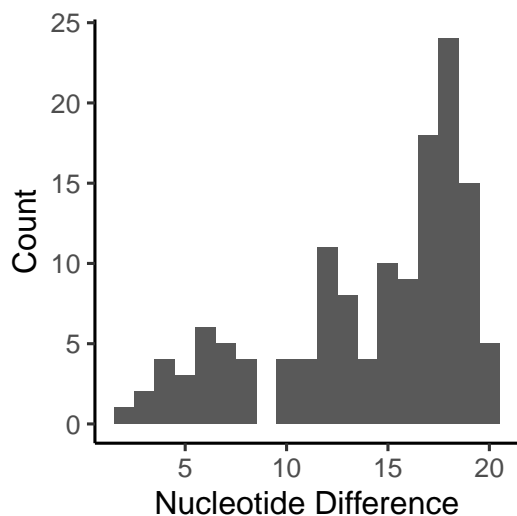
IGHV4-39*02

1436 sequences assigned
No exact matches.



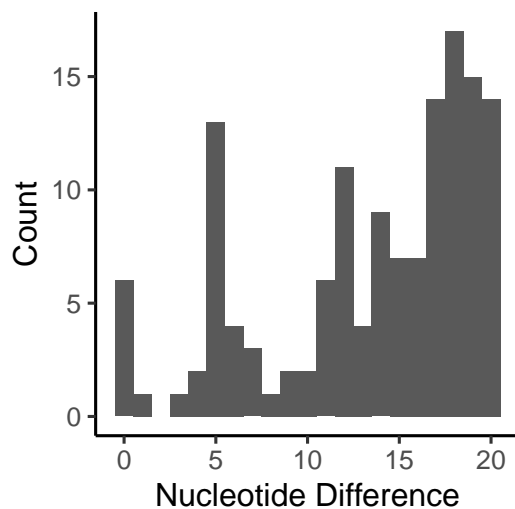
IGHV4-31*01

203 sequences assigned
No exact matches.



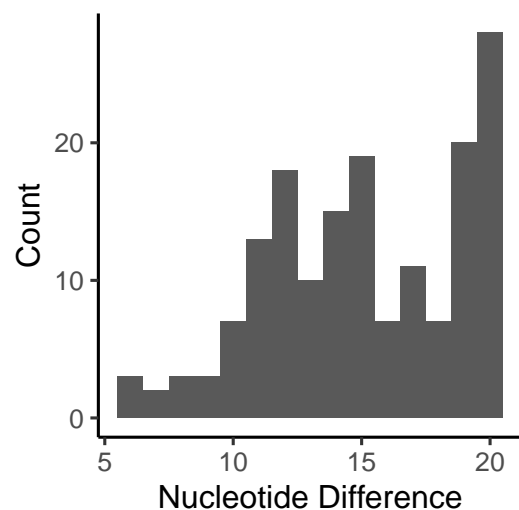
IGHV4-38-2*01

228 sequences assigned
6 (2.6%) exact matches, in which:
3 unique CDR3
2 unique J



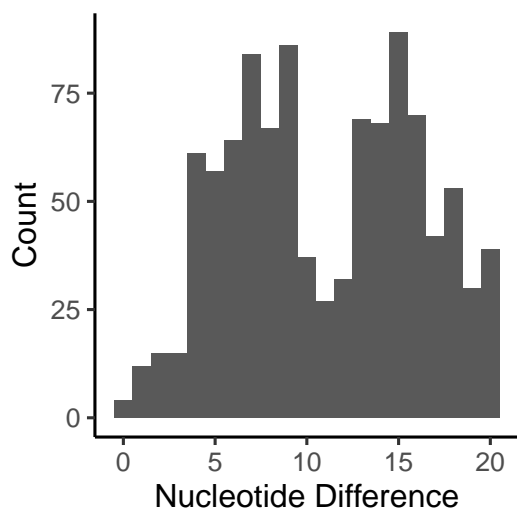
IGHV4-39*01_05

396 sequences assigned
No exact matches.



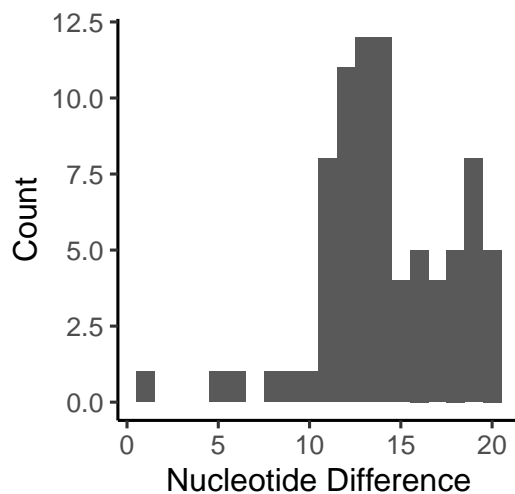
IGHV4-31*02

1466 sequences assigned
4 (0.3%) exact matches, in which:
3 unique CDR3
2 unique J



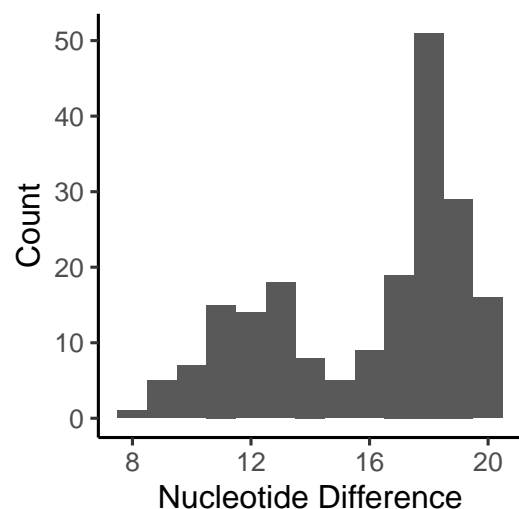
IGHV4-38-2*02

147 sequences assigned
No exact matches.



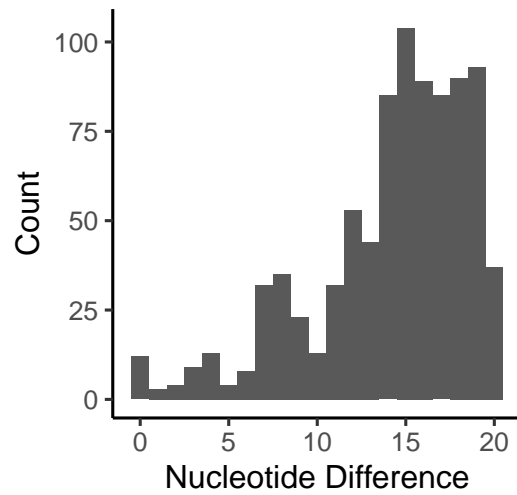
IGHV4-59*02

341 sequences assigned
No exact matches.



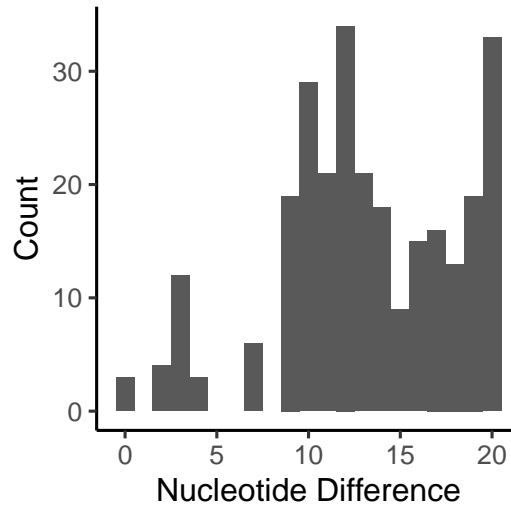
IGHV4-59*08

1429 sequences assigned
12 (0.8%) exact matches, in which:
8 unique CDR3
3 unique J



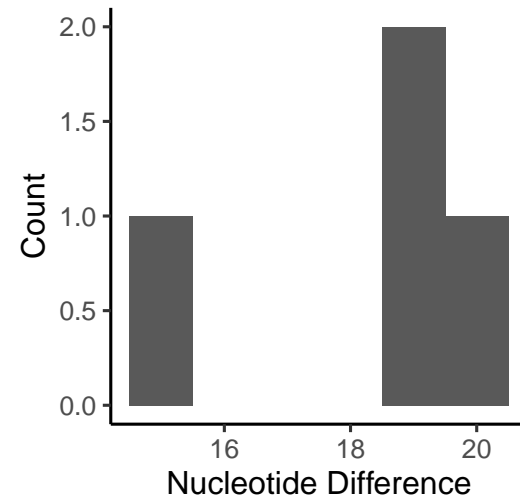
IGHV4-61*01

405 sequences assigned
3 (0.7%) exact matches, in which:
2 unique CDR3
1 unique J



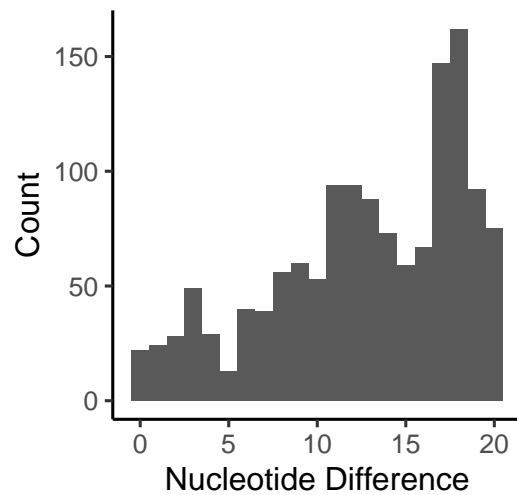
IGHV4/OR15-8*02

12 sequences assigned
No exact matches.



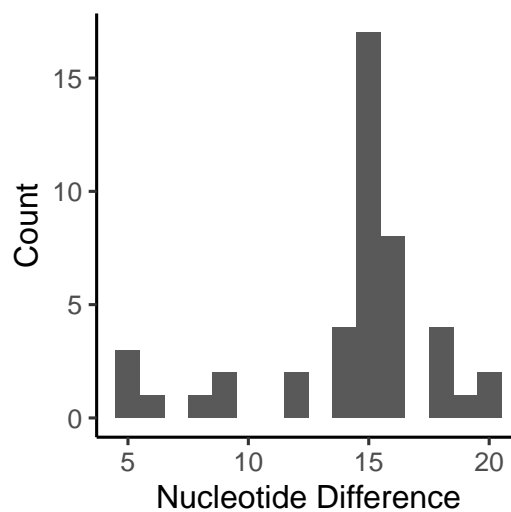
IGHV4-59*01_07

1918 sequences assigned
22 (1.1%) exact matches, in which:
12 unique CDR3
4 unique J



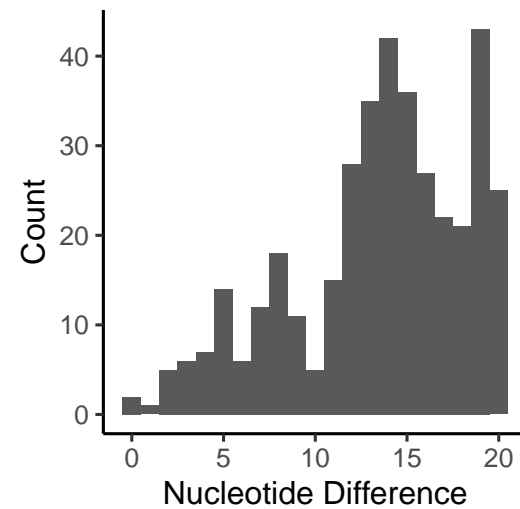
IGHV4-61*08

97 sequences assigned
No exact matches.



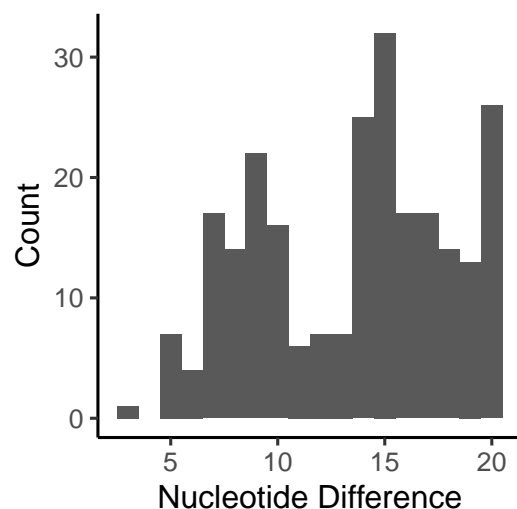
IGHV5-10-1*01_03

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



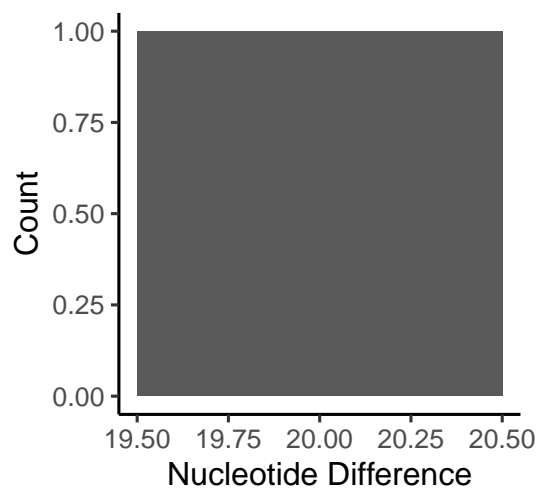
IGHV4-59*11

526 sequences assigned
No exact matches.



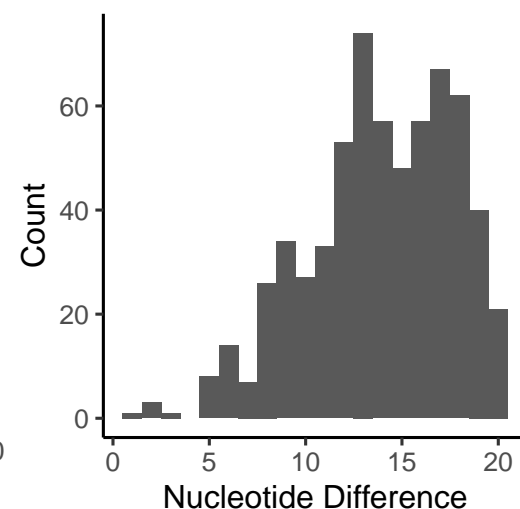
IGHV4/OR15-8*01

2 sequences assigned
No exact matches.



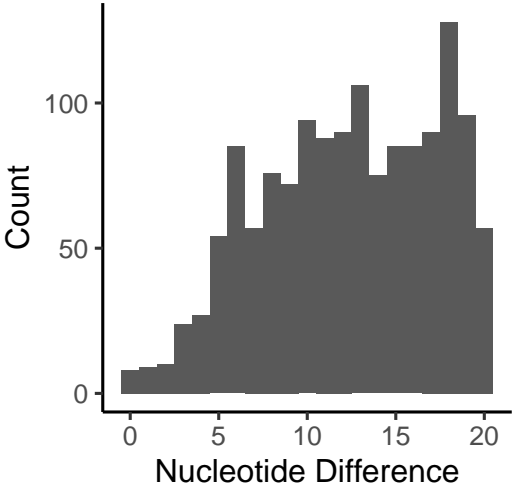
IGHV5-51*07

730 sequences assigned
No exact matches.



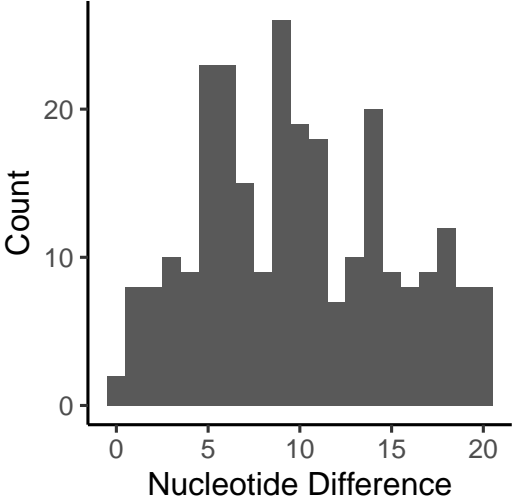
IGHV5-51*01_03

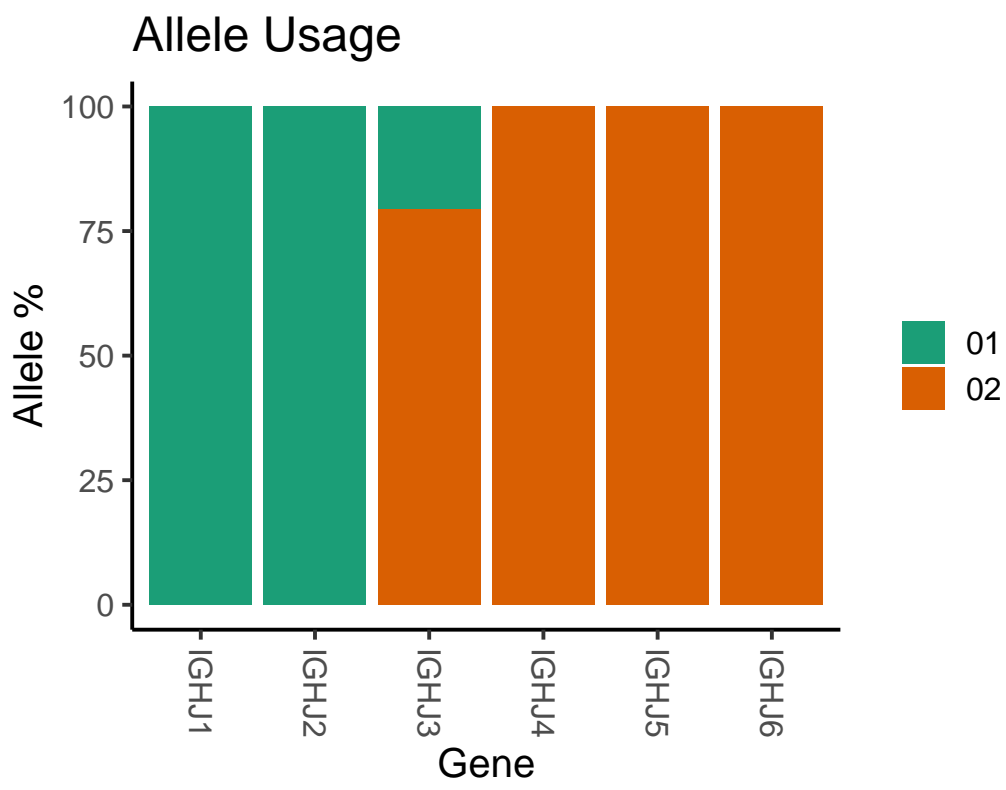
1903 sequences assigned
8 (0.4%) exact matches, in which:
7 unique CDR3
3 unique J



IGHV6-1*01_02

311 sequences assigned
2 (0.6%) exact matches, in which:
2 unique CDR3
2 unique J





Warning – no inferred sequences found.