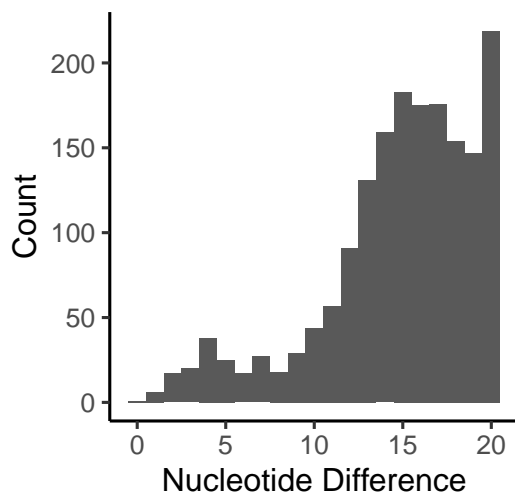


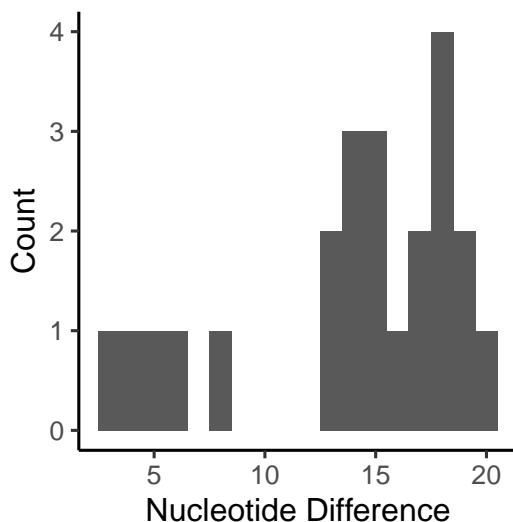
IGHV1-2*02

4115 sequences assigned
1 (0%) exact matches, in which:
1 unique CDR3
1 unique J



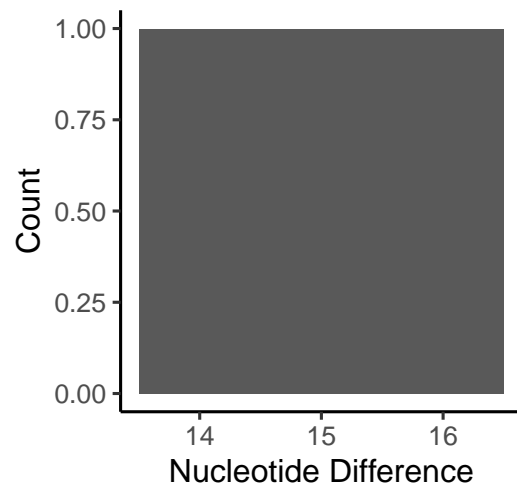
IGHV1-24*01

32 sequences assigned
No exact matches.



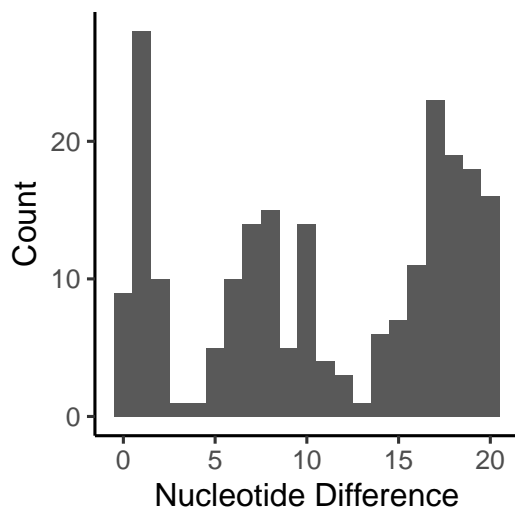
IGHV1-58*01_03

11 sequences assigned
No exact matches.



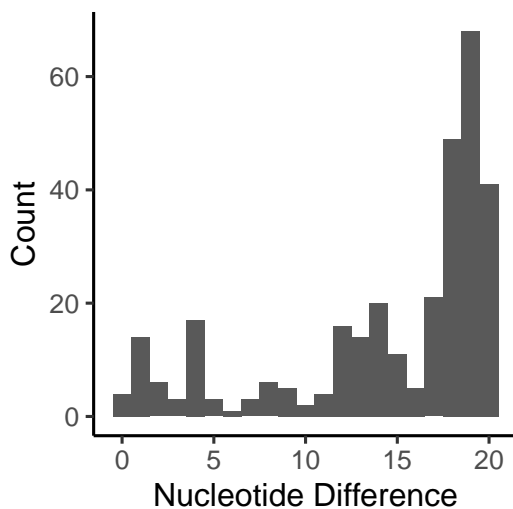
IGHV1-8*01

387 sequences assigned
9 (2.3%) exact matches, in which:
4 unique CDR3
1 unique J



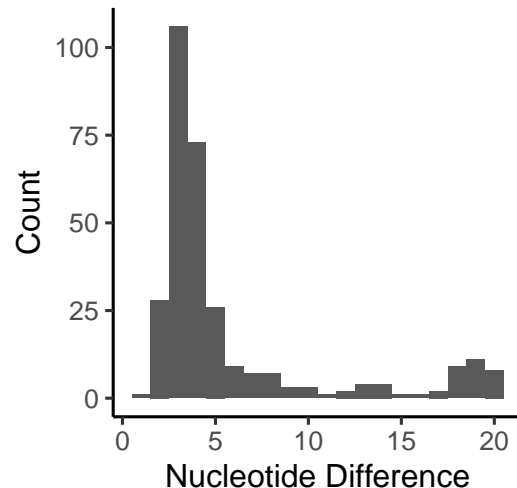
IGHV1-46*01

697 sequences assigned
4 (0.6%) exact matches, in which:
3 unique CDR3
3 unique J



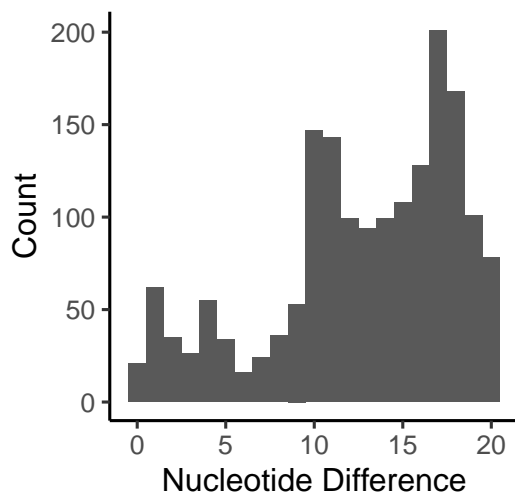
IGHV1-69*10

538 sequences assigned
No exact matches.



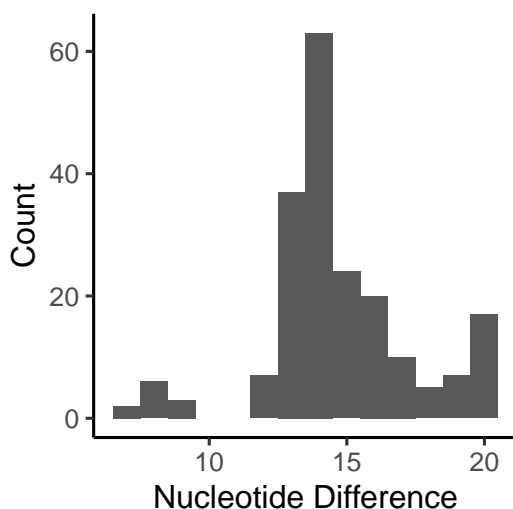
IGHV1-18*01

4328 sequences assigned
21 (0.5%) exact matches, in which:
18 unique CDR3
4 unique J



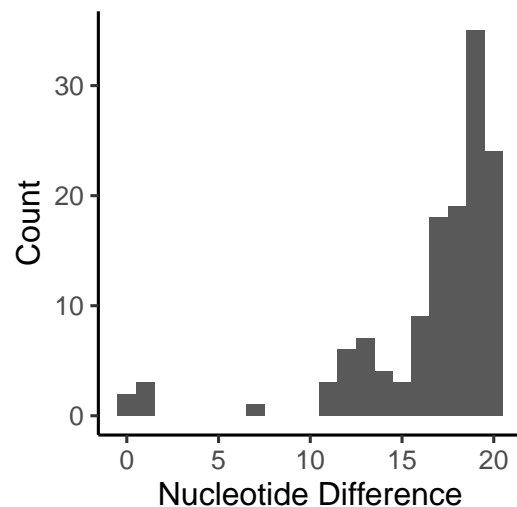
IGHV1-46*03

1086 sequences assigned
No exact matches.



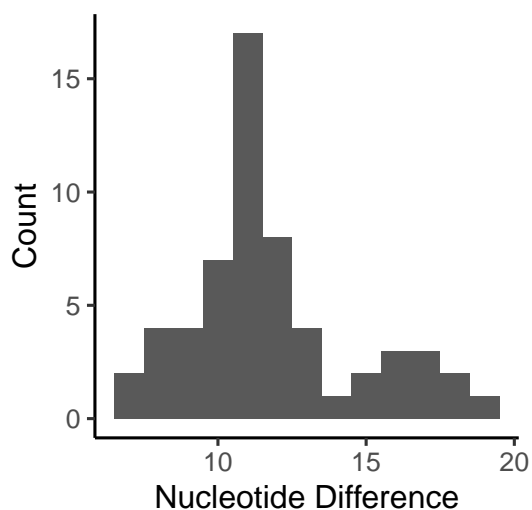
IGHV1-69*17

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



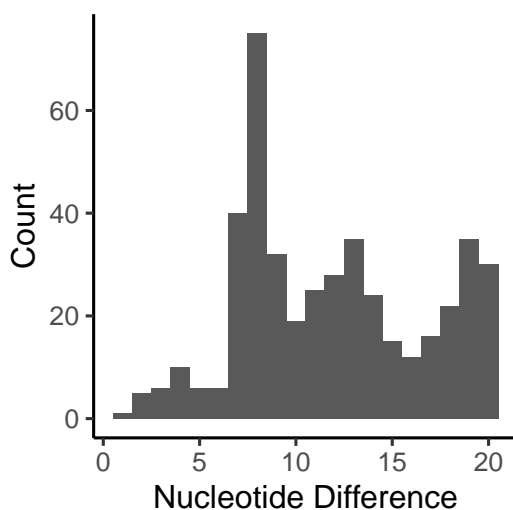
IGHV2-5*01

80 sequences assigned
No exact matches.



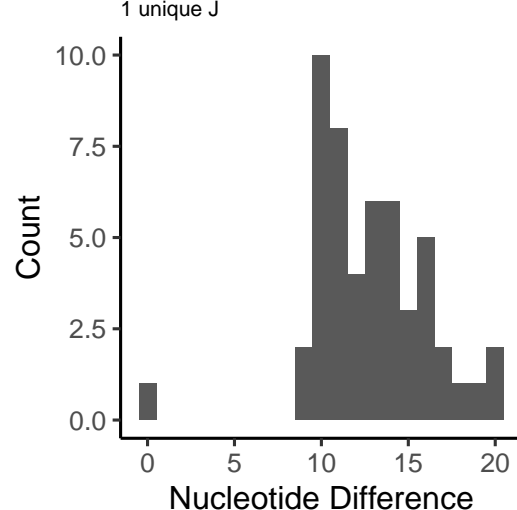
IGHV3-11*01

969 sequences assigned
No exact matches.



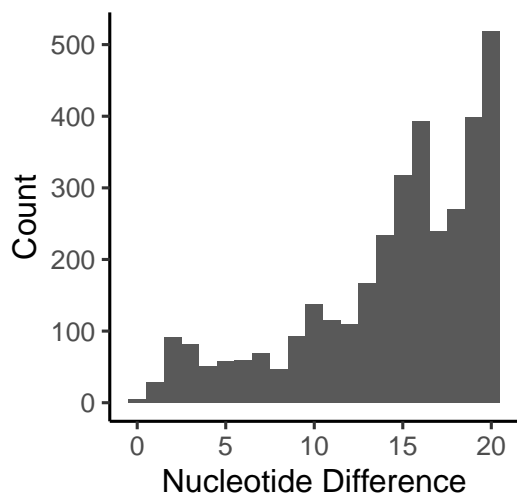
IGHV3-20*01_02

52 sequences assigned
1 (1.9%) exact matches, in which:
1 unique CDR3
1 unique J



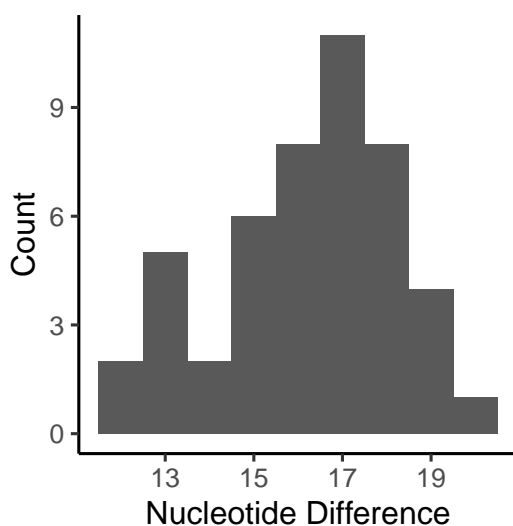
IGHV3-7*01

8023 sequences assigned
5 (0.1%) exact matches, in which:
4 unique CDR3
2 unique J



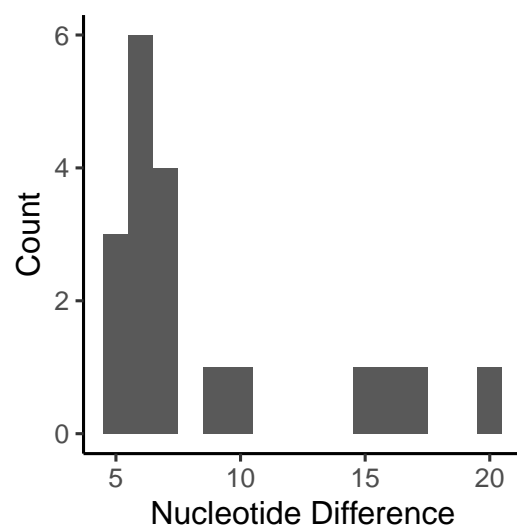
IGHV3-13*01

88 sequences assigned
No exact matches.



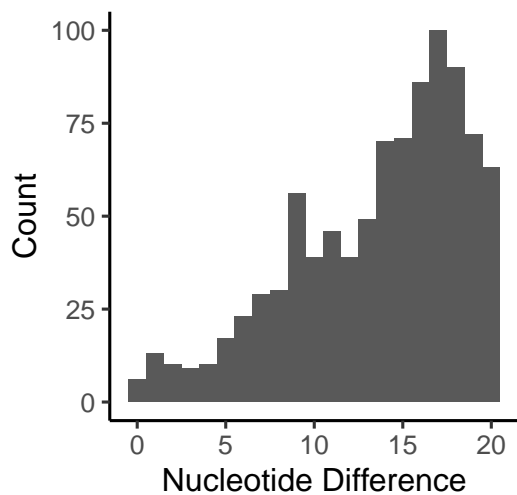
IGHV3-20*03_04

31 sequences assigned
No exact matches.



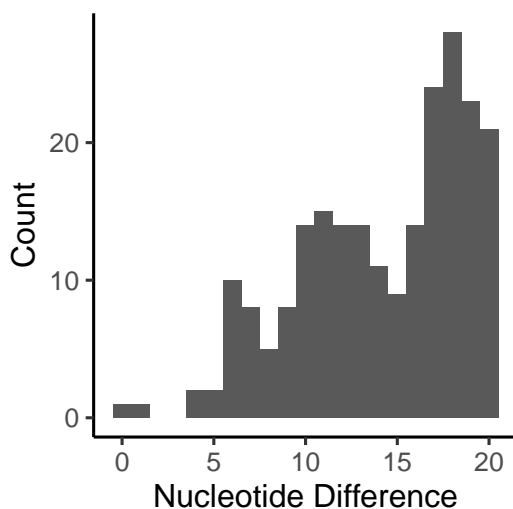
IGHV3-9*01

1630 sequences assigned
6 (0.4%) exact matches, in which:
5 unique CDR3
2 unique J



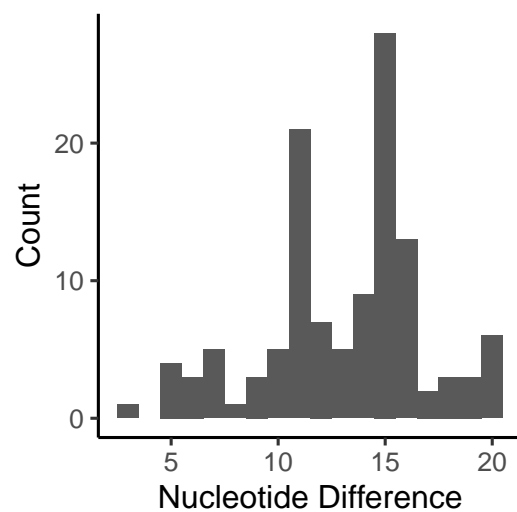
IGHV3-15*01_02

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



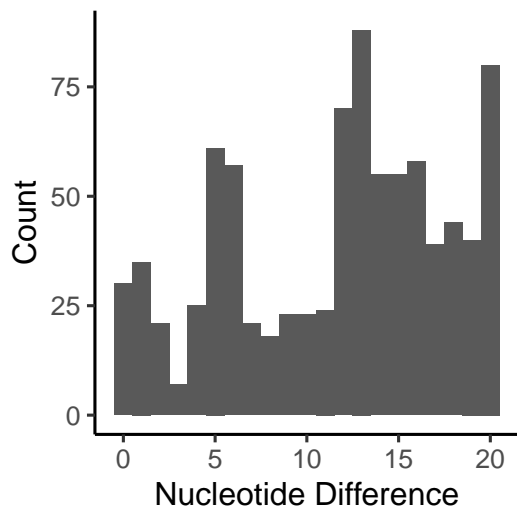
IGHV3-21*06

307 sequences assigned
No exact matches.



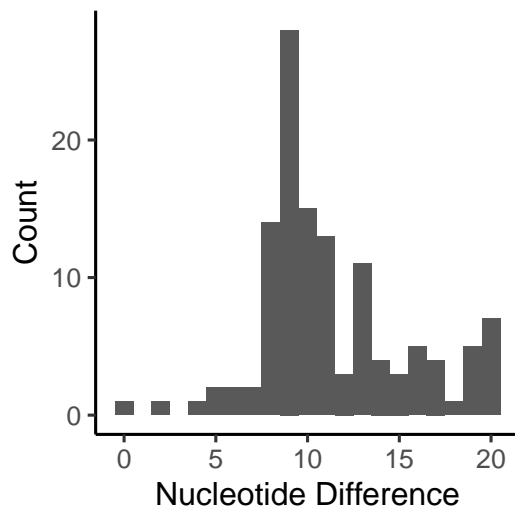
IGHV3-21*01_02

1068 sequences assigned
30 (2.8%) exact matches, in which:
18 unique CDR3
3 unique J



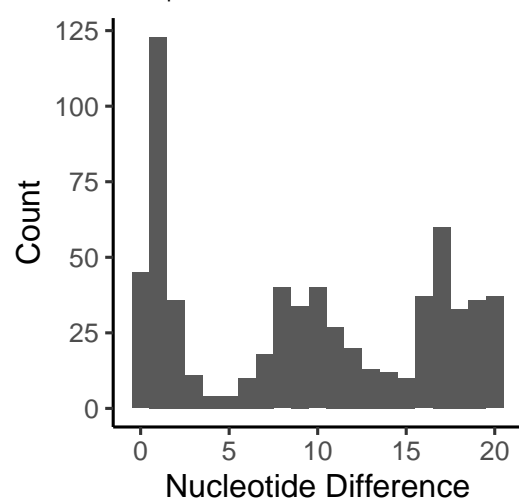
IGHV3-33*06

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



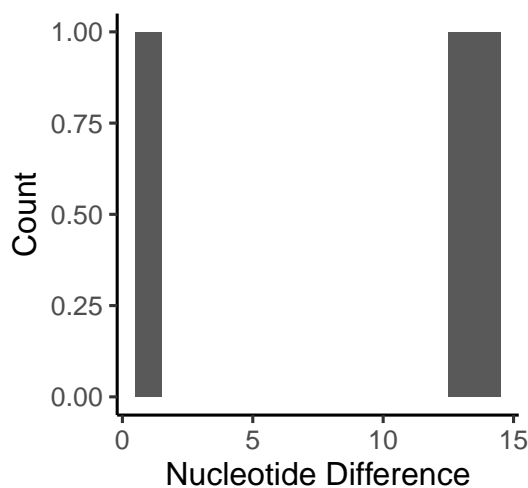
IGHV3-48*02

915 sequences assigned
45 (4.9%) exact matches, in which:
21 unique CDR3
2 unique J



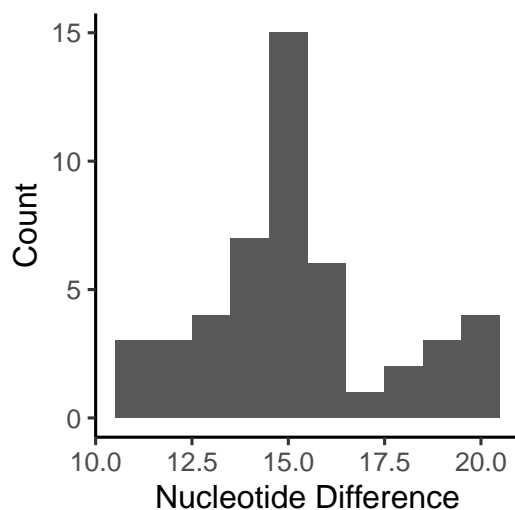
IGHV3-30-3*03

5 sequences assigned
No exact matches.



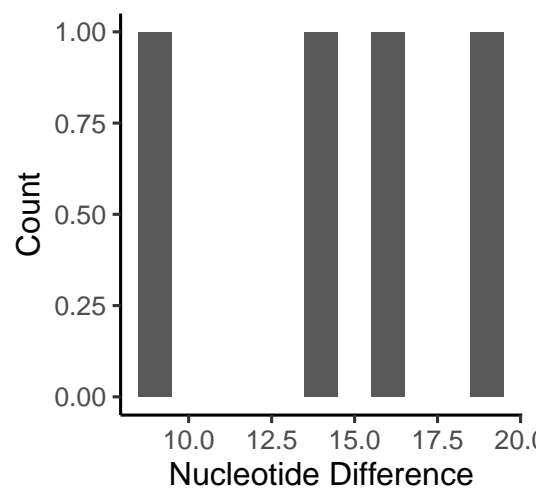
IGHV3-43*01

173 sequences assigned
No exact matches.



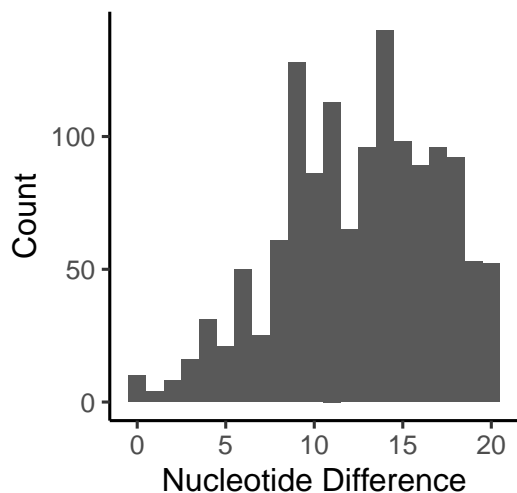
IGHV3-48*03

63 sequences assigned
No exact matches.



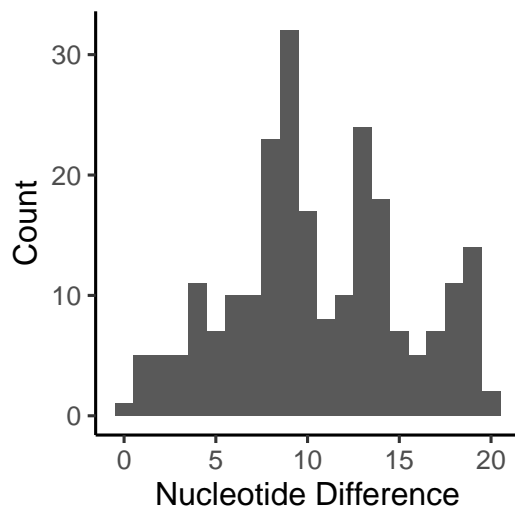
IGHV3-33*01

2135 sequences assigned
10 (0.5%) exact matches, in which:
6 unique CDR3
3 unique J



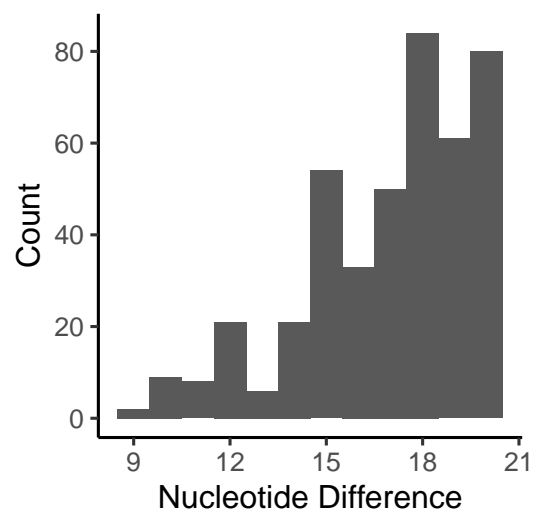
IGHV3-48*01

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



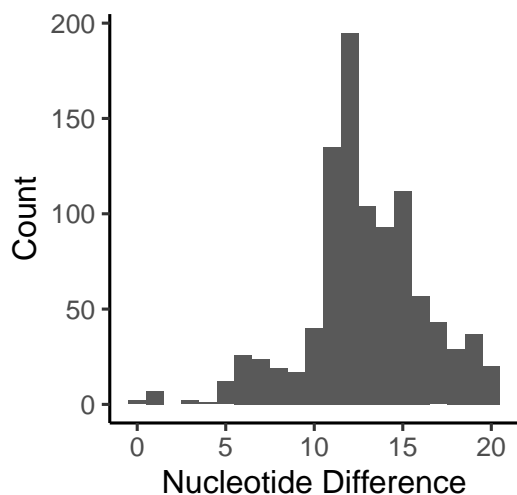
IGHV3-49*03_05

635 sequences assigned
No exact matches.



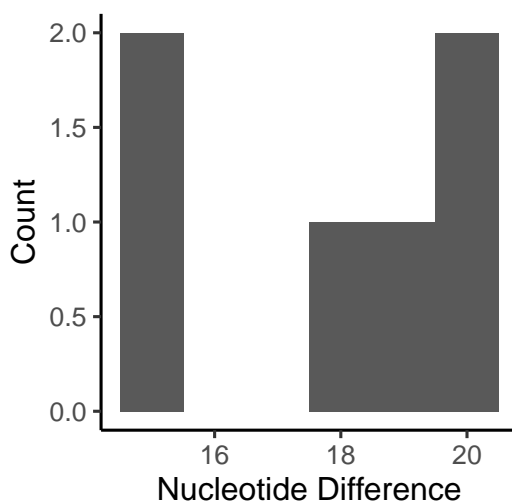
IGHV3-53*01_02

1478 sequences assigned
2 (0.1%) exact matches, in which:
2 unique CDR3
1 unique J



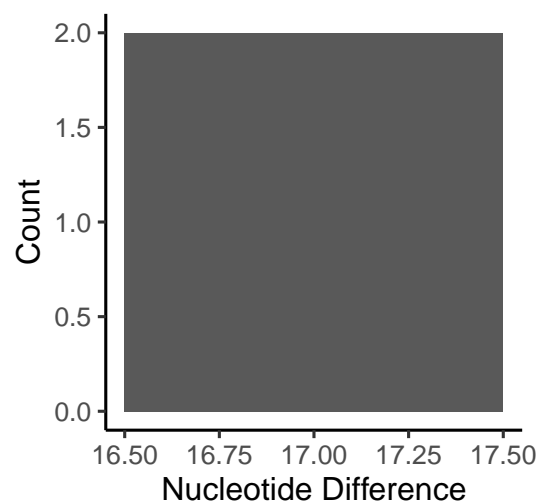
IGHV3-66*01

7 sequences assigned
No exact matches.



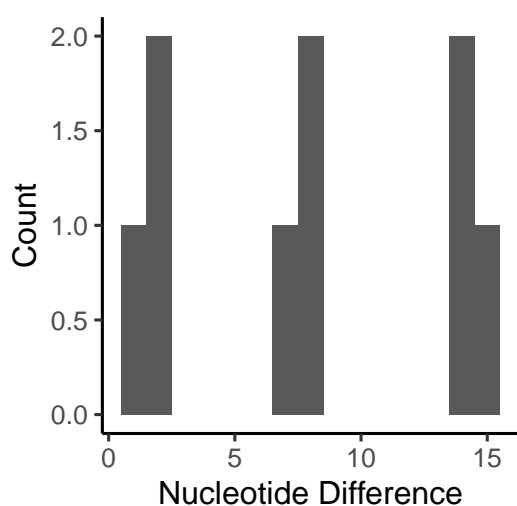
IGHV3-69-1*02

19 sequences assigned
No exact matches.



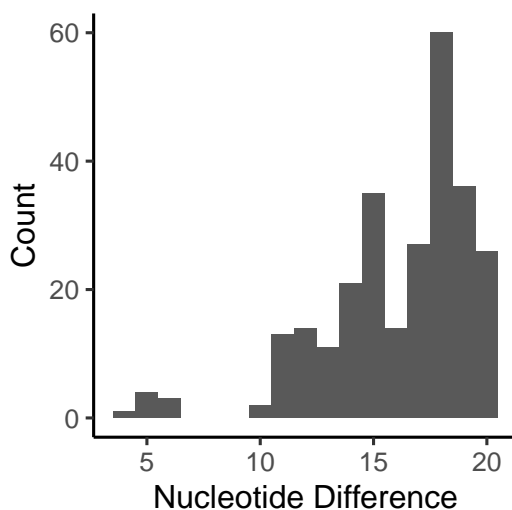
IGHV3-64*01

10 sequences assigned
No exact matches.



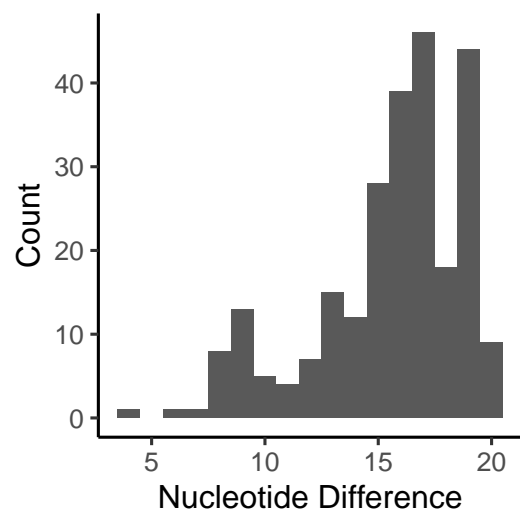
IGHV3-66*02

351 sequences assigned
No exact matches.



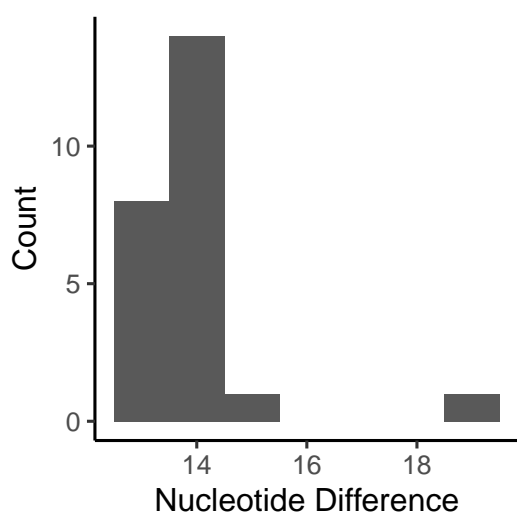
IGHV3-72*01

319 sequences assigned
No exact matches.



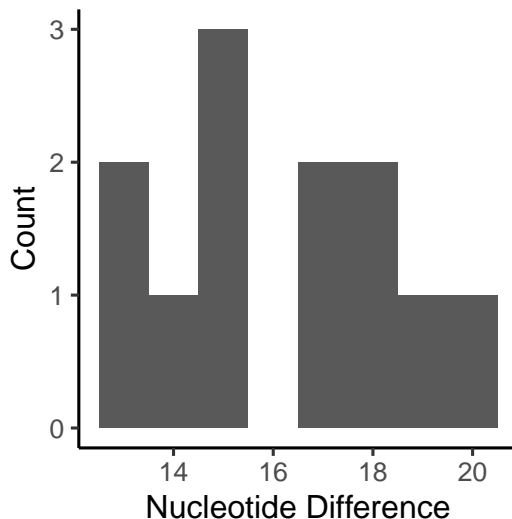
IGHV3-64*02_07

75 sequences assigned
No exact matches.



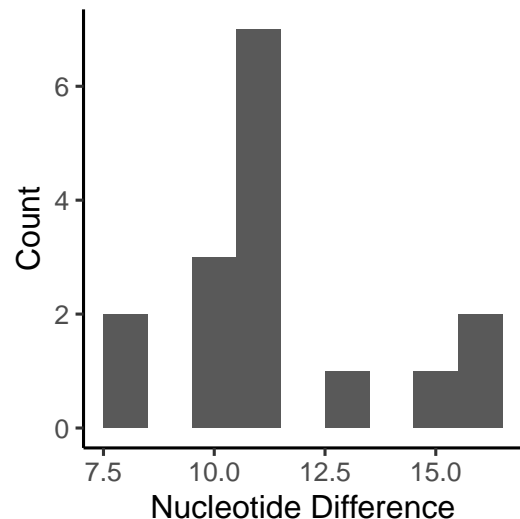
IGHV3-66*03

15 sequences assigned
No exact matches.



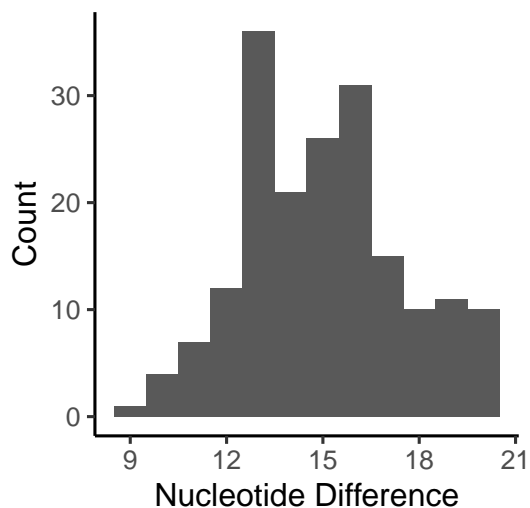
IGHV3-73*01_02

62 sequences assigned
No exact matches.



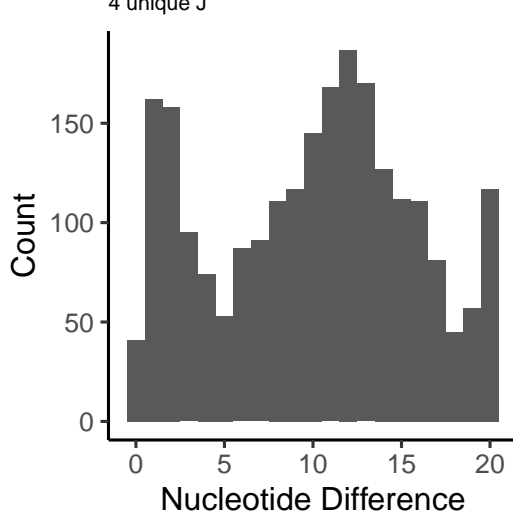
IGHV3-74*03

371 sequences assigned
No exact matches.



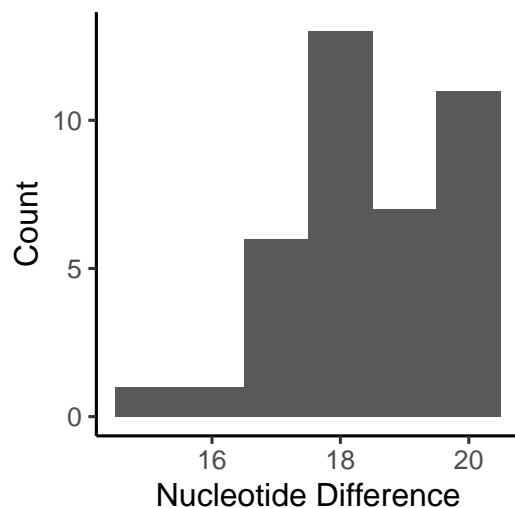
IGHV4-4*07

4247 sequences assigned
41 (1%) exact matches, in which:
24 unique CDR3
4 unique J



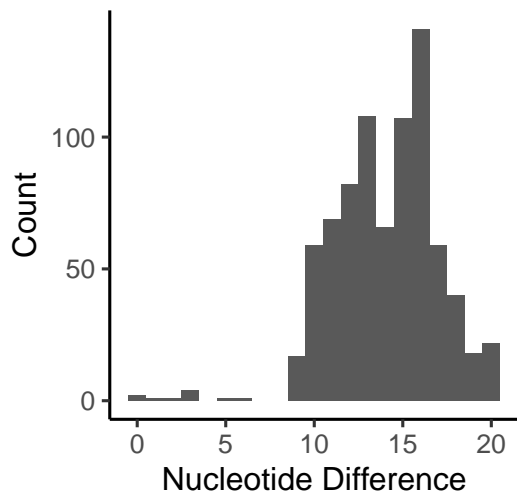
IGHV4-30-2*06

175 sequences assigned
No exact matches.



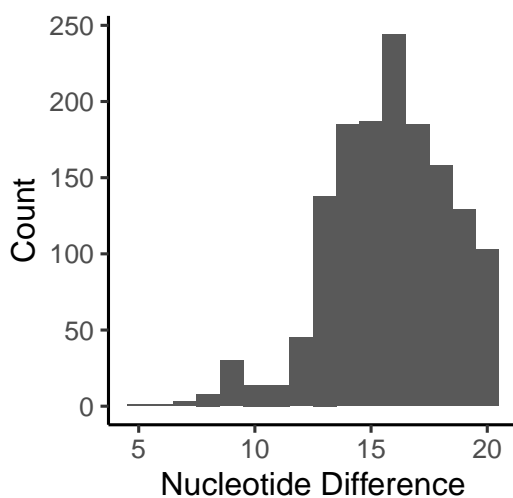
IGHV3-74*01_02

1079 sequences assigned
2 (0.2%) exact matches, in which:
2 unique CDR3
1 unique J



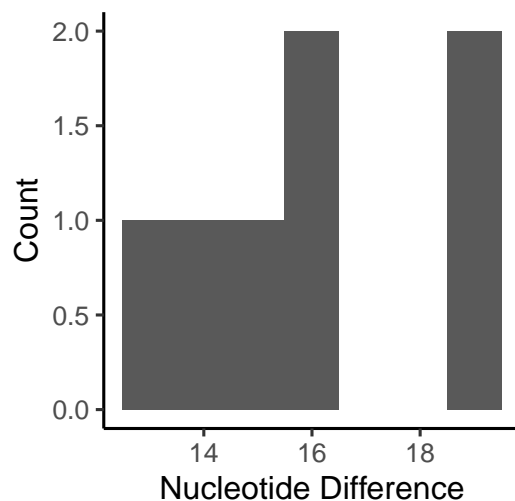
IGHV4-30-2*01

2245 sequences assigned
No exact matches.



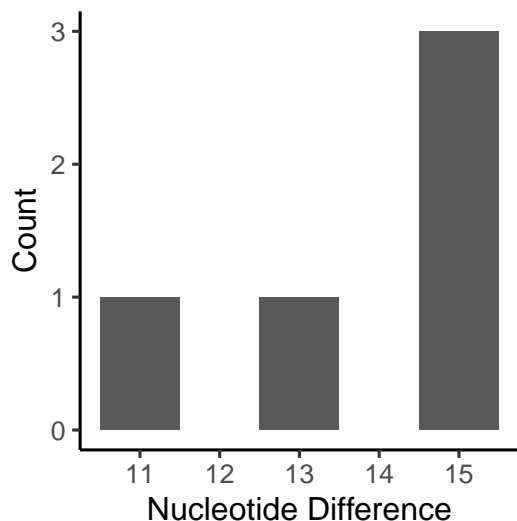
IGHV4-30-4*07

14 sequences assigned
No exact matches.



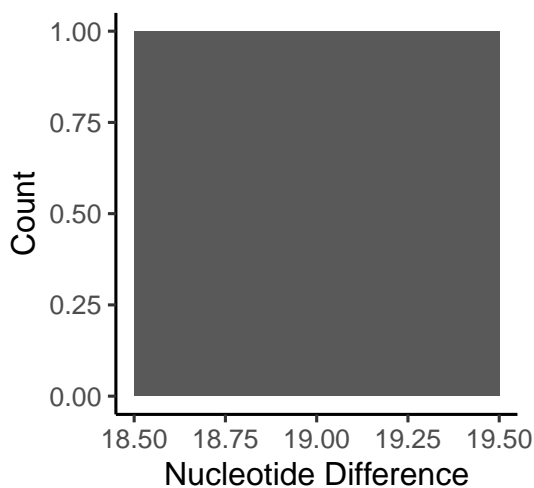
IGHV3-NL1*01

9 sequences assigned
No exact matches.



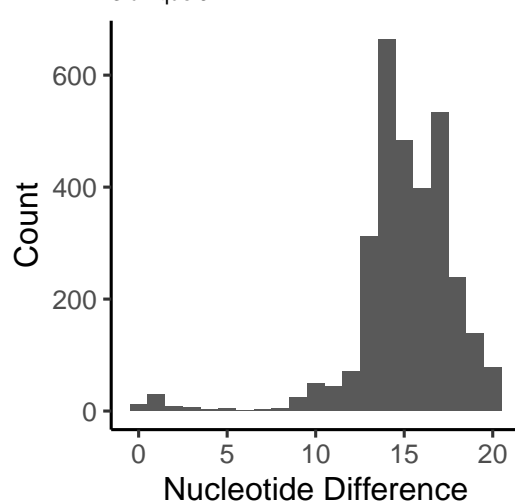
IGHV4-30-4*01

2 sequences assigned
No exact matches.



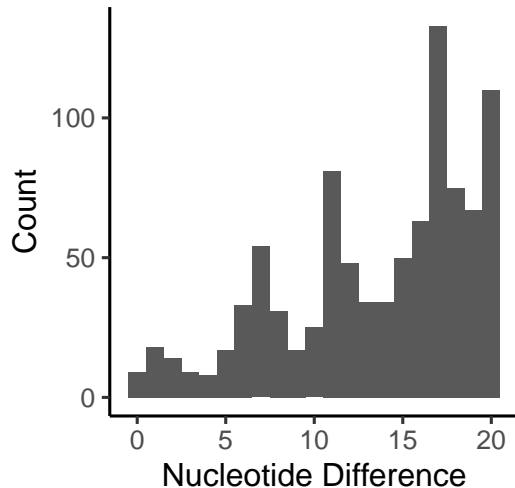
IGHV4-31*03_04

5866 sequences assigned
11 (0.2%) exact matches, in which:
9 unique CDR3
3 unique J



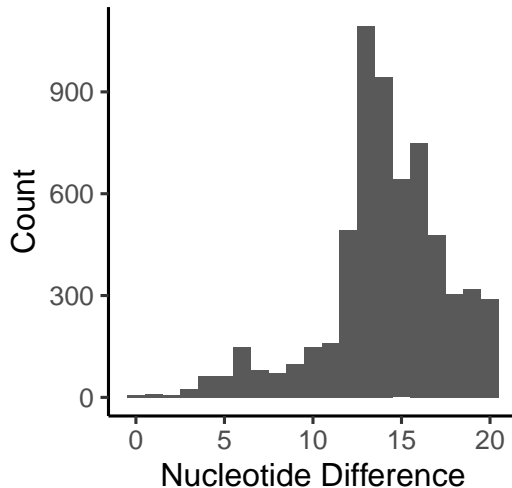
IGHV4-34*01_02

4515 sequences assigned
9 (0.2%) exact matches, in which:
6 unique CDR3
3 unique J



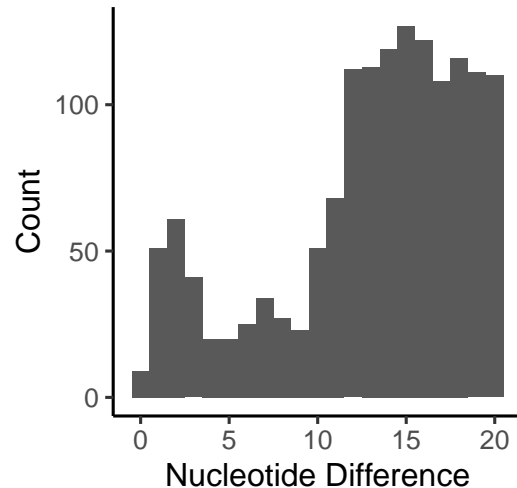
IGHV4-59*01_07

10431 sequences assigned
7 (0.1%) exact matches, in which:
4 unique CDR3
3 unique J



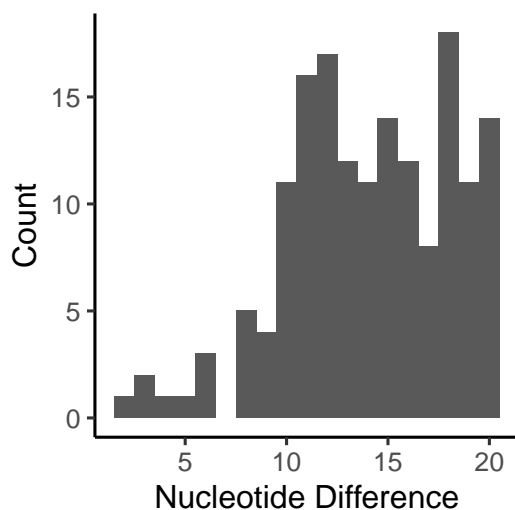
IGHV4-61*02

2681 sequences assigned
9 (0.3%) exact matches, in which:
6 unique CDR3
4 unique J



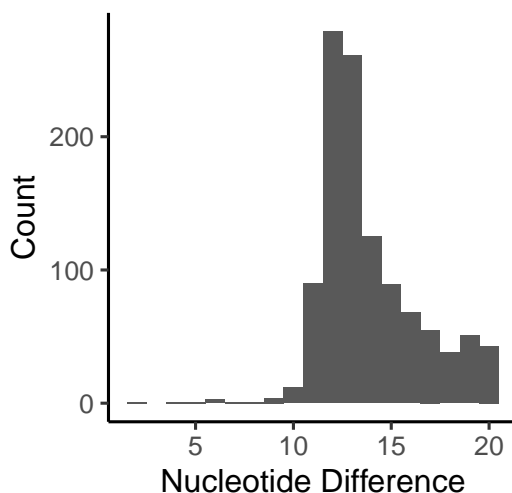
IGHV4-39*07

319 sequences assigned
No exact matches.



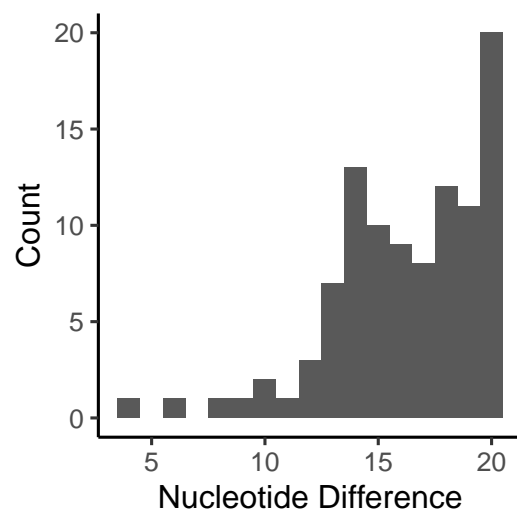
IGHV4-59*12

1469 sequences assigned
No exact matches.



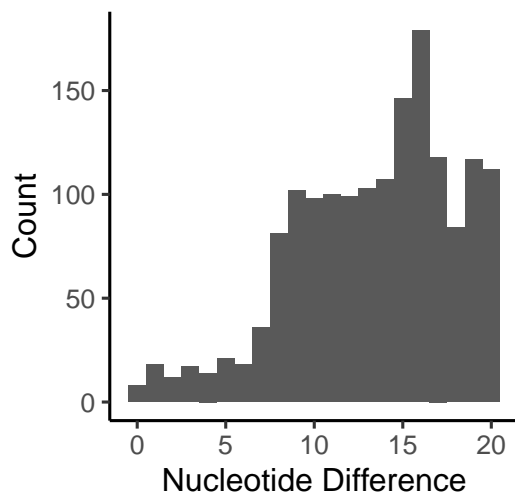
IGHV4-61*08

784 sequences assigned
No exact matches.



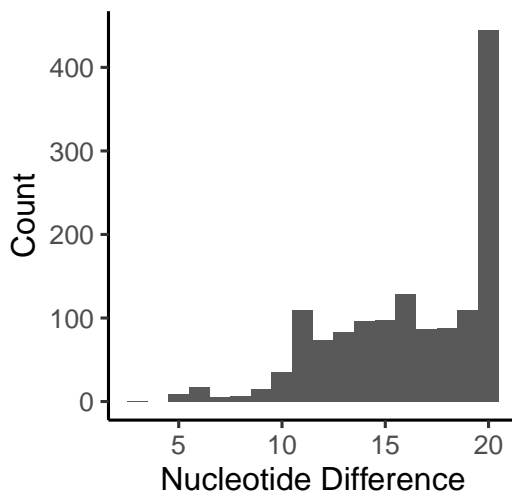
IGHV4-39*01_05

4303 sequences assigned
8 (0.2%) exact matches, in which:
7 unique CDR3
4 unique J



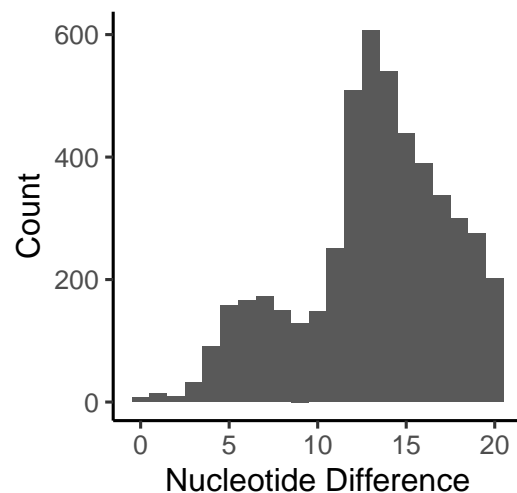
IGHV4-61*01

3707 sequences assigned
No exact matches.



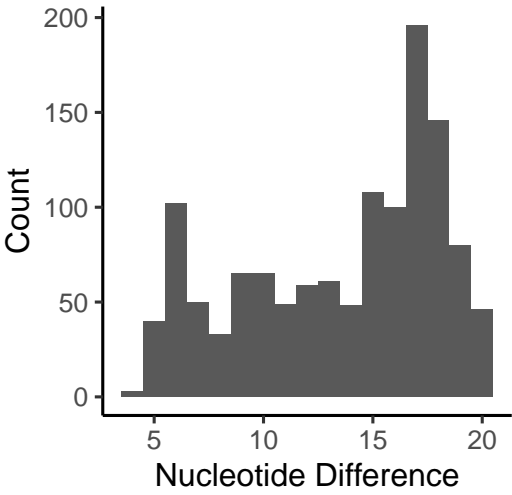
IGHV5-51*01_03

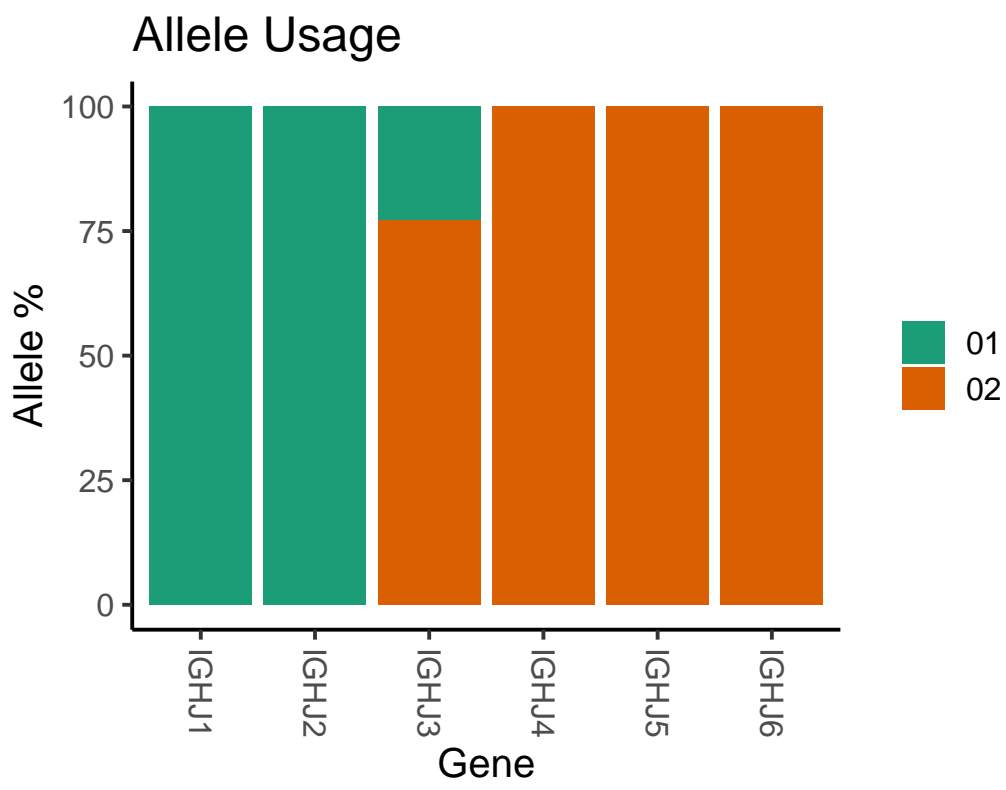
6109 sequences assigned
7 (0.1%) exact matches, in which:
6 unique CDR3
4 unique J



IGHV6-1*01_02

1592 sequences assigned
No exact matches.





Warning – no inferred sequences found.