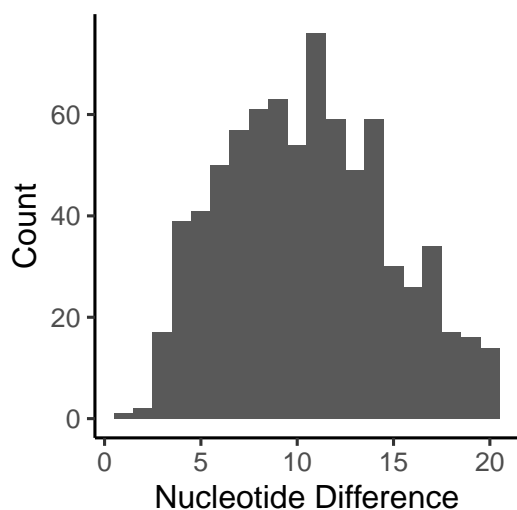


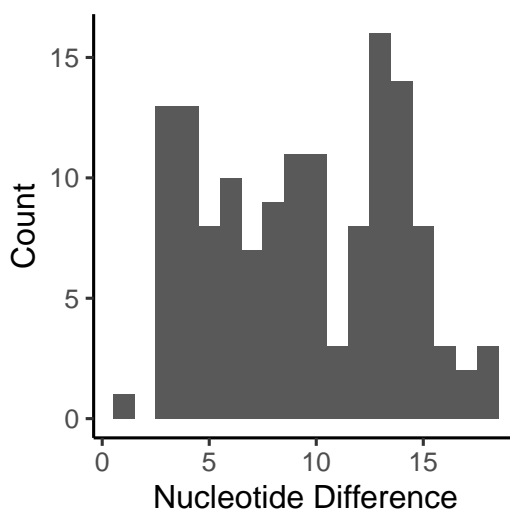
IGHV1-2*02

846 sequences assigned
No exact matches.



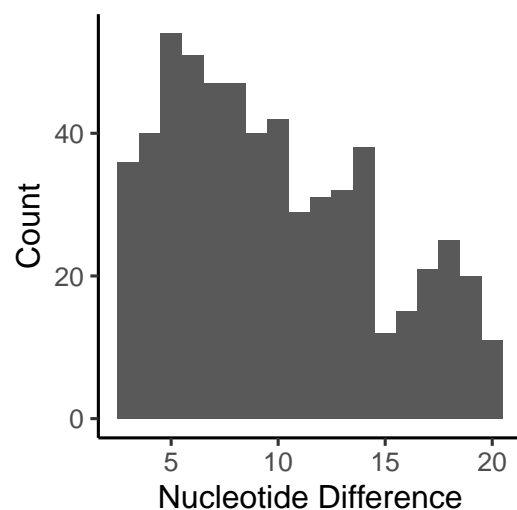
IGHV1-8*01

157 sequences assigned
No exact matches.



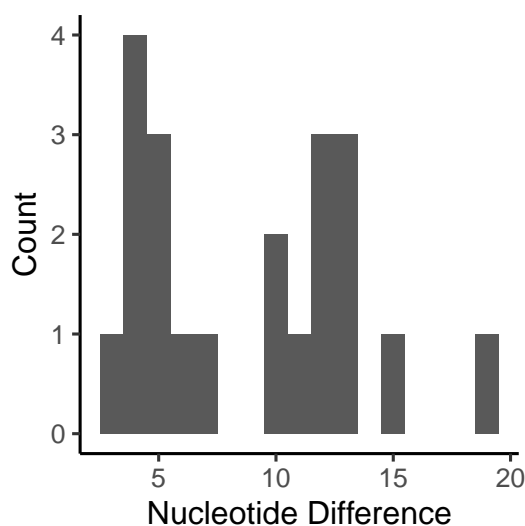
IGHV1-46*01

681 sequences assigned
No exact matches.



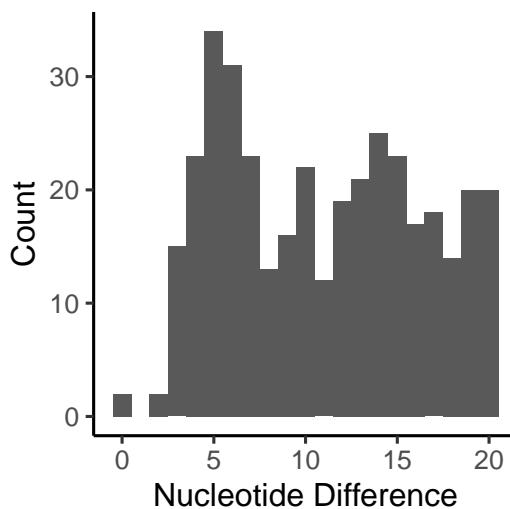
IGHV1-3*04

29 sequences assigned
No exact matches.



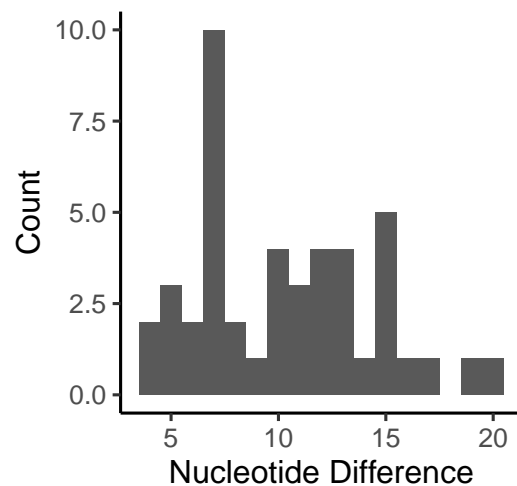
IGHV1-18*01

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



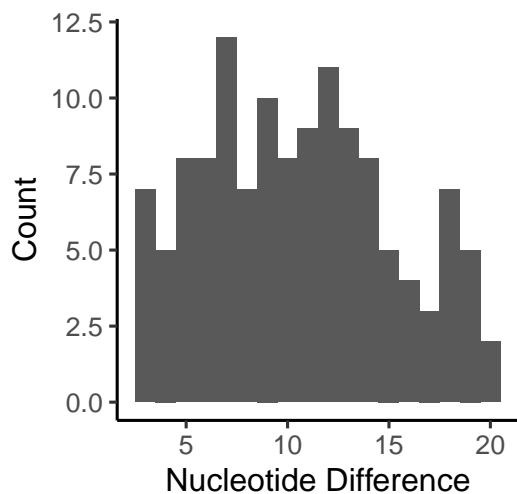
IGHV1-58*01_03

49 sequences assigned
No exact matches.



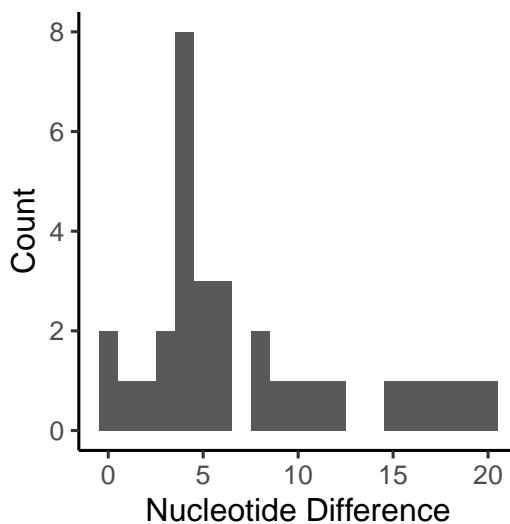
IGHV1-3*01_05

163 sequences assigned
No exact matches.



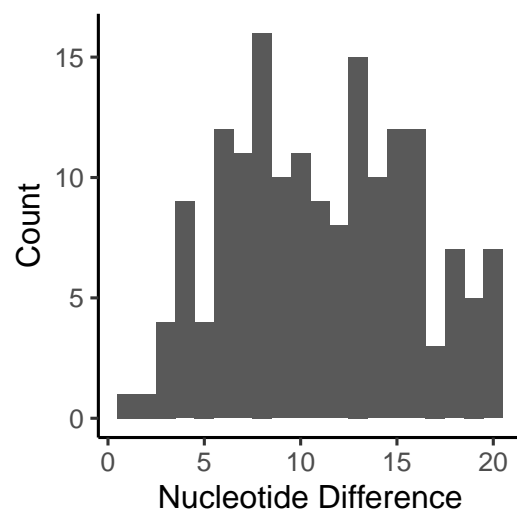
IGHV1-24*01

48 sequences assigned
2 (4.2%) exact matches, in which:
2 unique CDR3
1 unique J



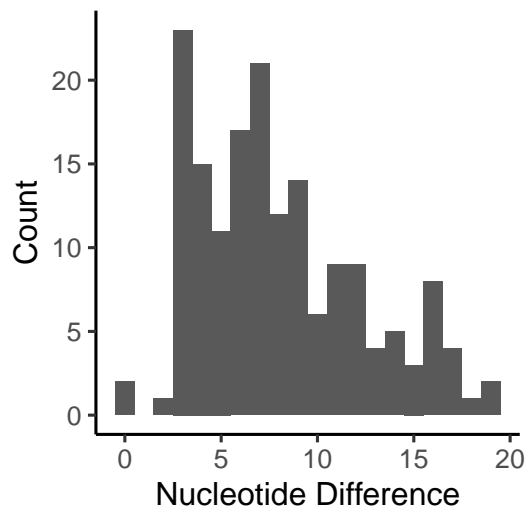
IGHV1-69*04_09

225 sequences assigned
No exact matches.



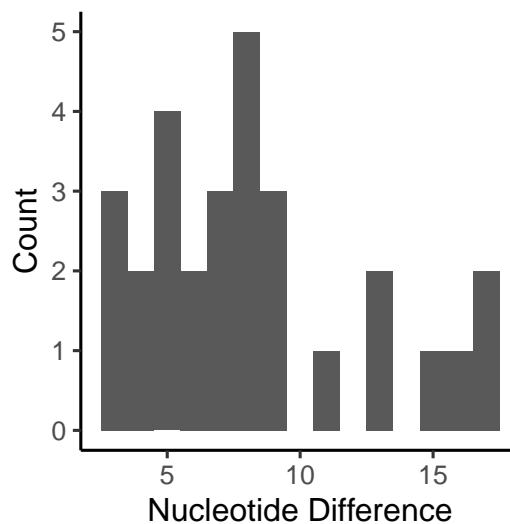
IGHV2-5*01

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



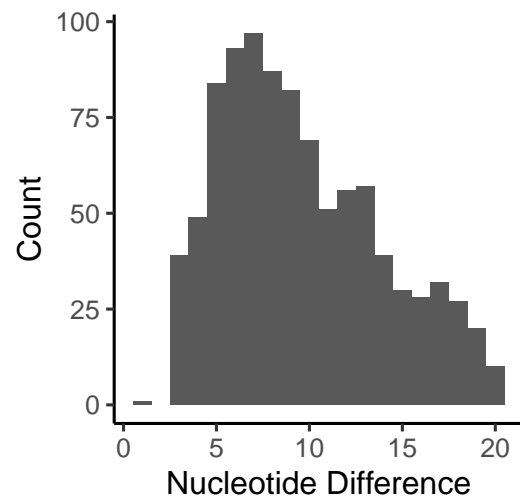
IGHV2-70*01

34 sequences assigned
No exact matches.



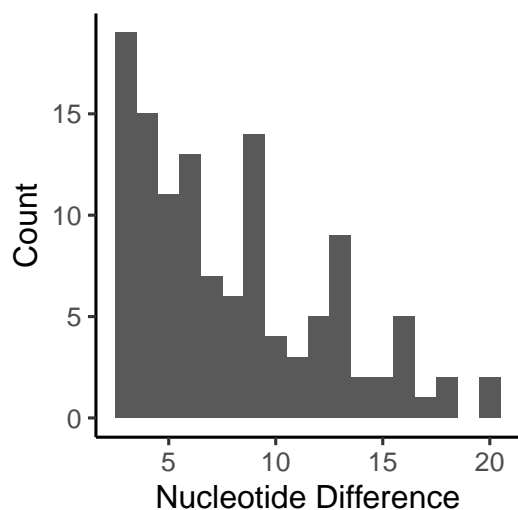
IGHV3-7*01

1045 sequences assigned
No exact matches.



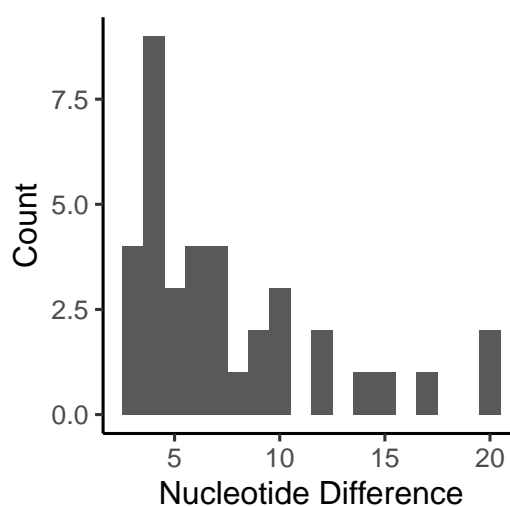
IGHV2-5*02

137 sequences assigned
No exact matches.



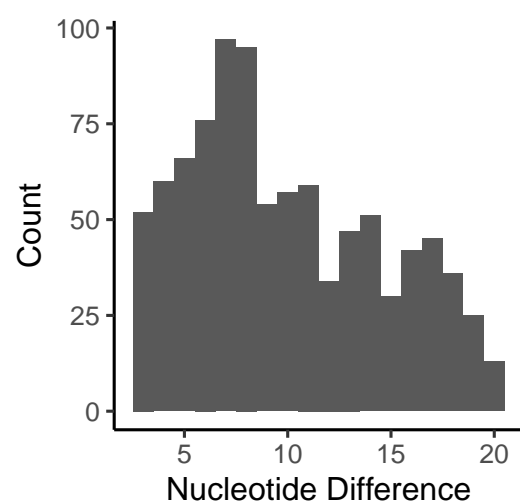
IGHV2-70*11_15

43 sequences assigned
No exact matches.



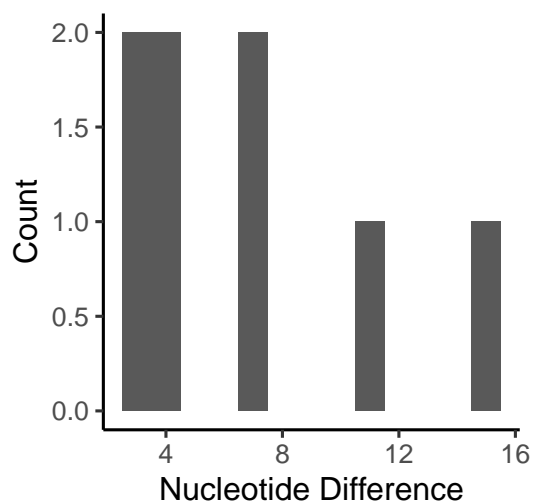
IGHV3-7*03

1044 sequences assigned
No exact matches.



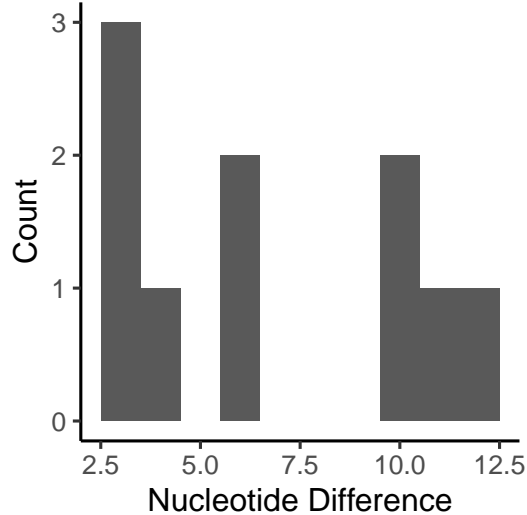
IGHV2-26*01

11 sequences assigned
No exact matches.



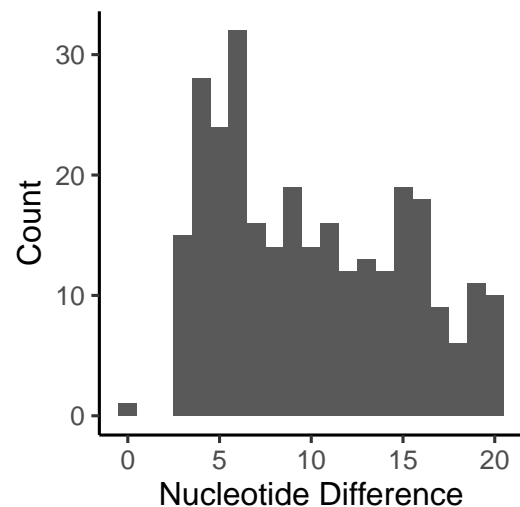
IGHV2-70*16_17

12 sequences assigned
No exact matches.



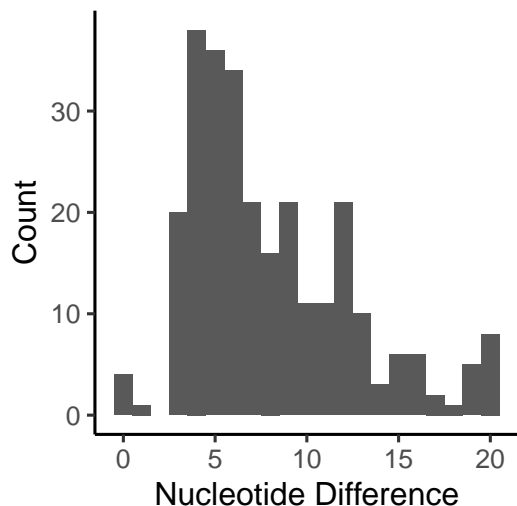
IGHV3-9*01

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



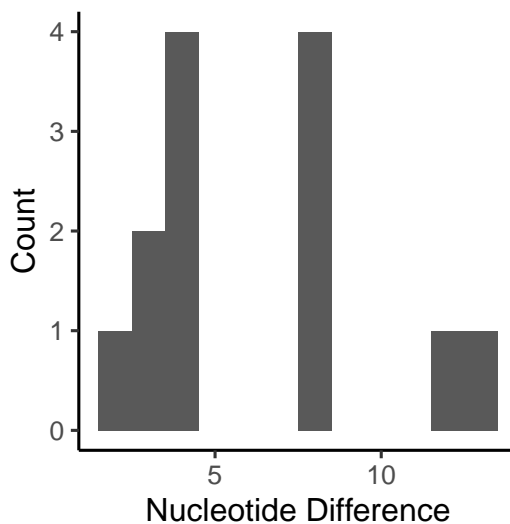
IGHV3-11*01

326 sequences assigned
4 (1.2%) exact matches, in which:
1 unique CDR3
1 unique J



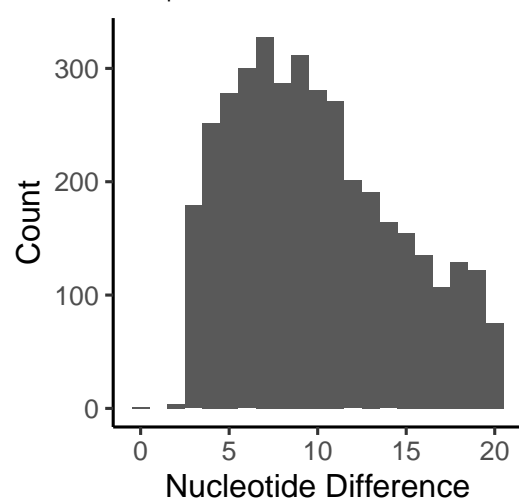
IGHV3-20*01_02

13 sequences assigned
No exact matches.



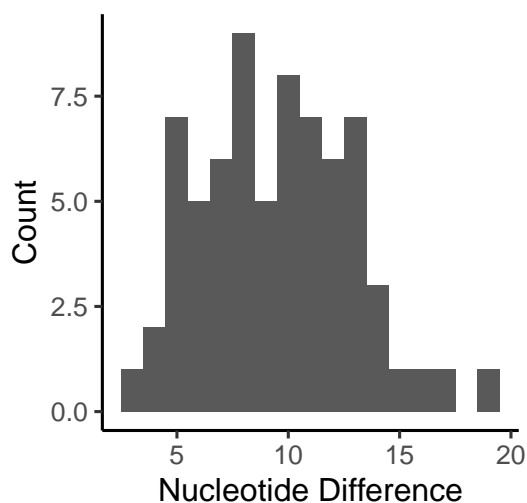
IGHV3-23*01_04

4199 sequences assigned
1 (0%) exact matches, in which:
1 unique CDR3
1 unique J



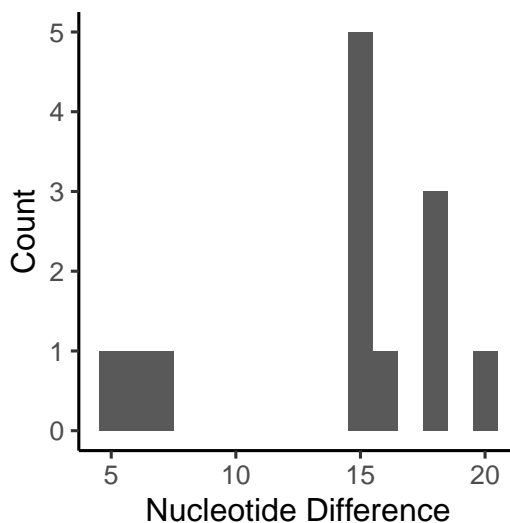
IGHV3-13*01

90 sequences assigned
No exact matches.



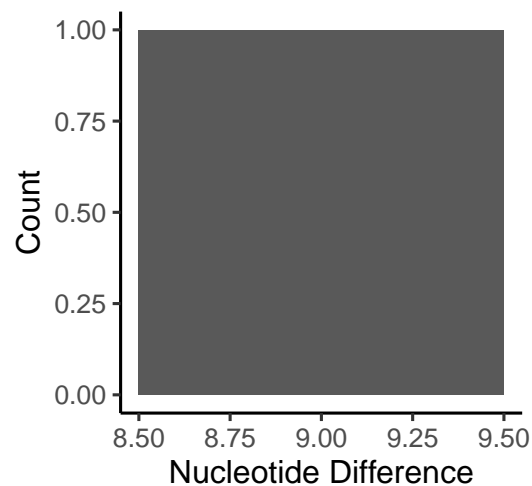
IGHV3-20*03_04

17 sequences assigned
No exact matches.



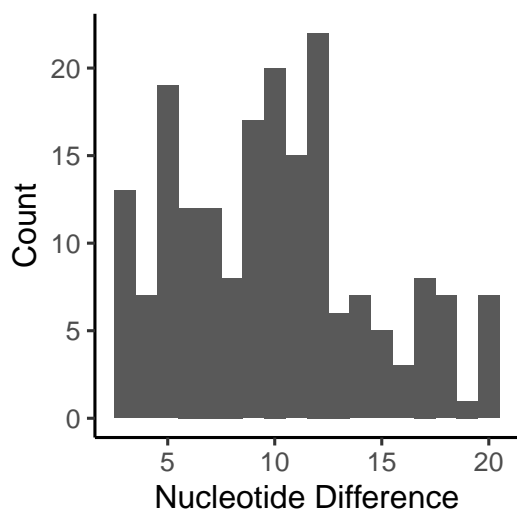
IGHV3-30-3*01

6 sequences assigned
No exact matches.



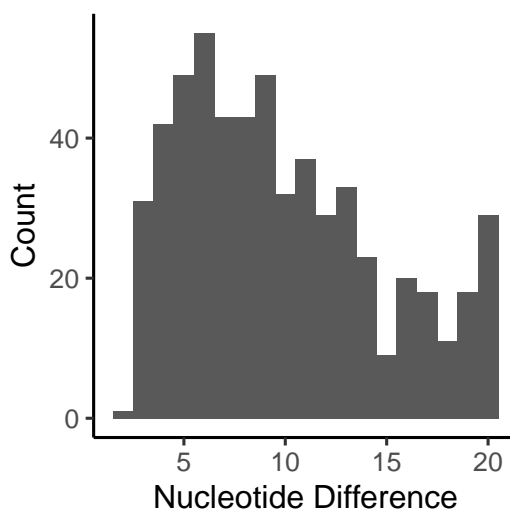
IGHV3-15*01_02

212 sequences assigned
No exact matches.



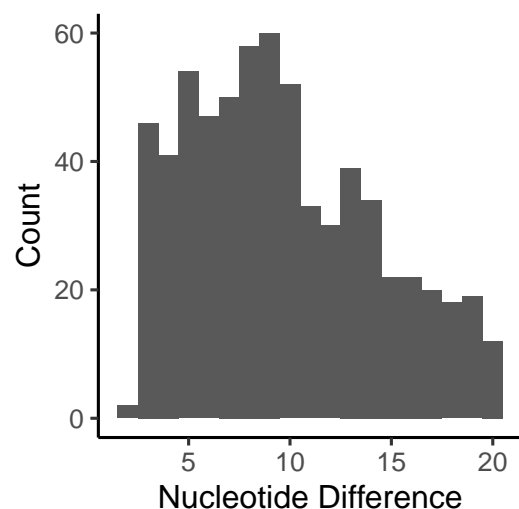
IGHV3-21*01_02

655 sequences assigned
No exact matches.



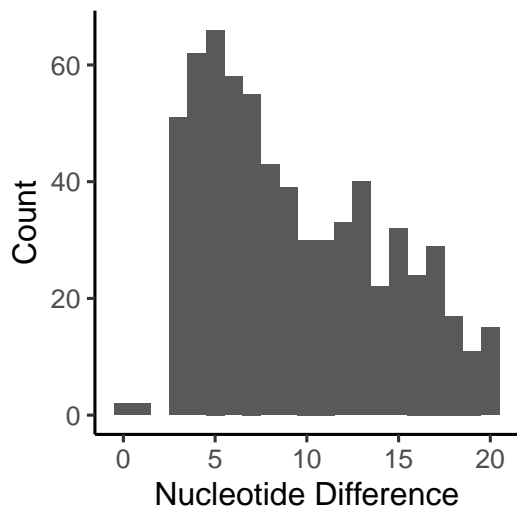
IGHV3-30*18

790 sequences assigned
No exact matches.



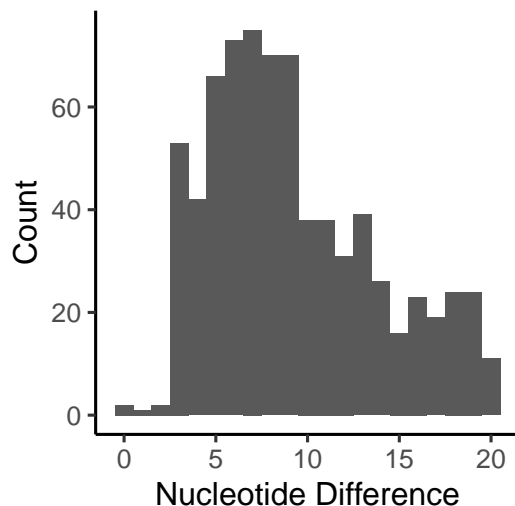
IGHV3-33*01

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



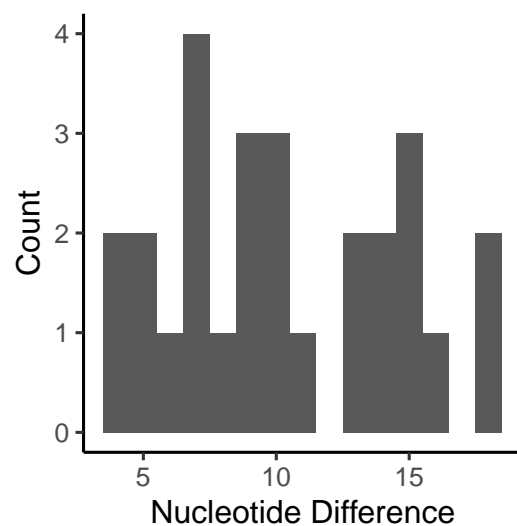
IGHV3-48*02

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



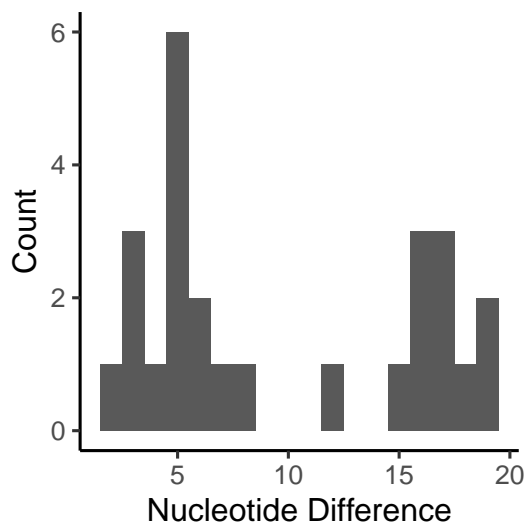
IGHV3-49*03_05

33 sequences assigned
No exact matches.



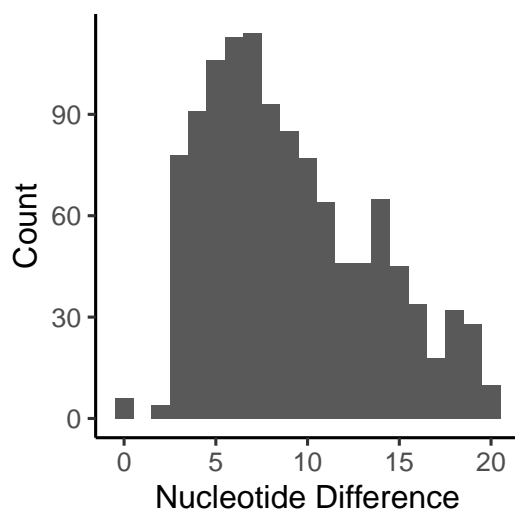
IGHV3-43*01

37 sequences assigned
No exact matches.



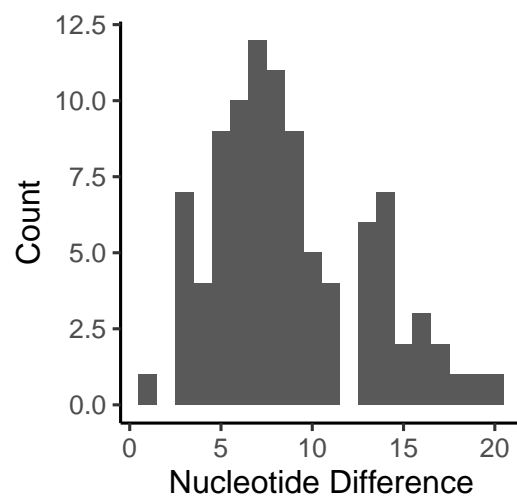
IGHV3-48*03

1272 sequences assigned
6 (0.5%) exact matches, in which:
3 unique CDR3
2 unique J



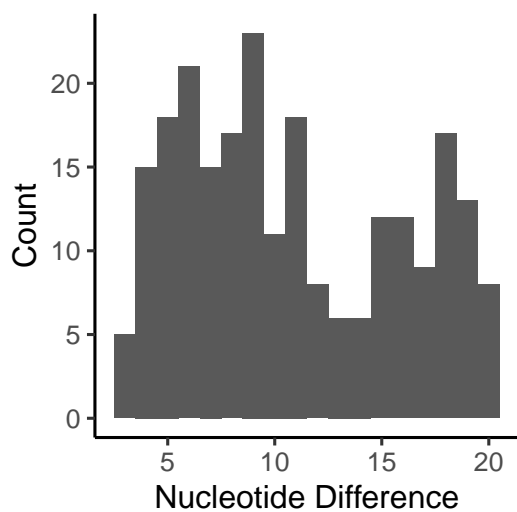
IGHV3-53*04

102 sequences assigned
No exact matches.



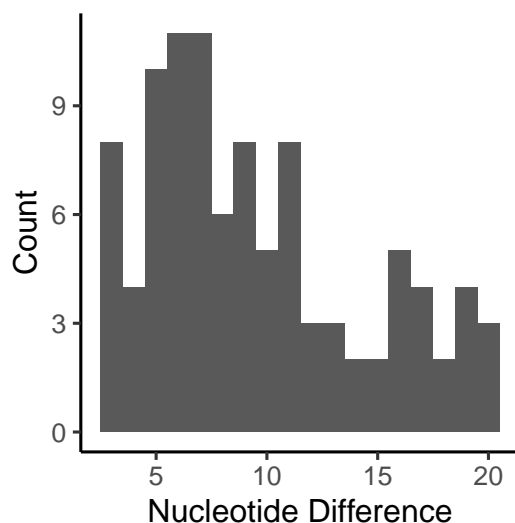
IGHV3-43*02

415 sequences assigned
No exact matches.



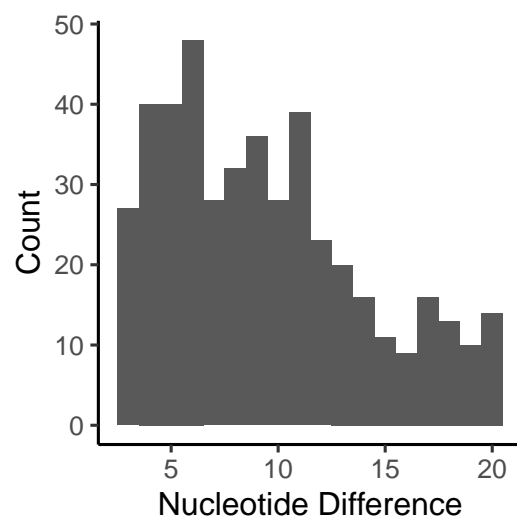
IGHV3-49*04

117 sequences assigned
No exact matches.



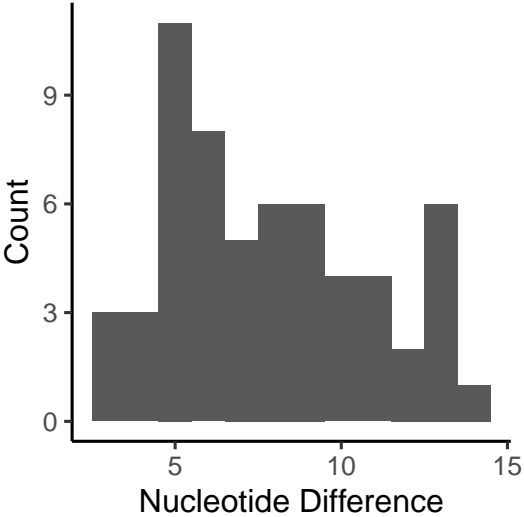
IGHV3-53*01_02

621 sequences assigned
No exact matches.



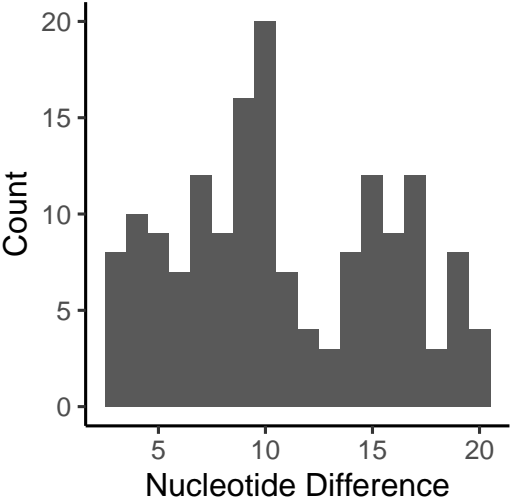
IGHV3-64*02_07

60 sequences assigned
No exact matches.



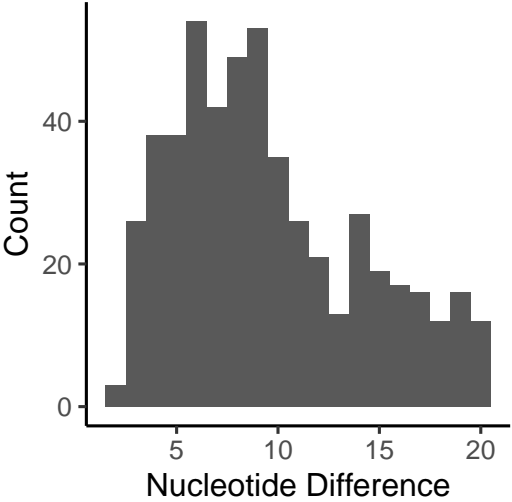
IGHV3-72*01

192 sequences assigned
No exact matches.



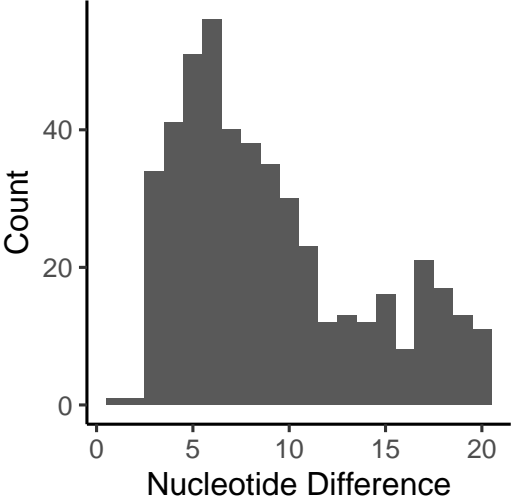
IGHV3-74*01_02

610 sequences assigned
No exact matches.



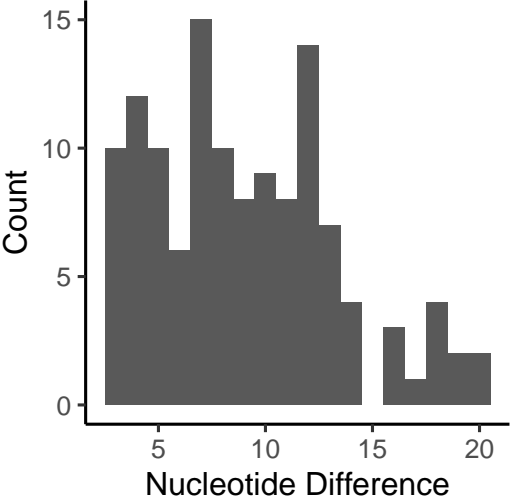
IGHV3-66*01

528 sequences assigned
No exact matches.



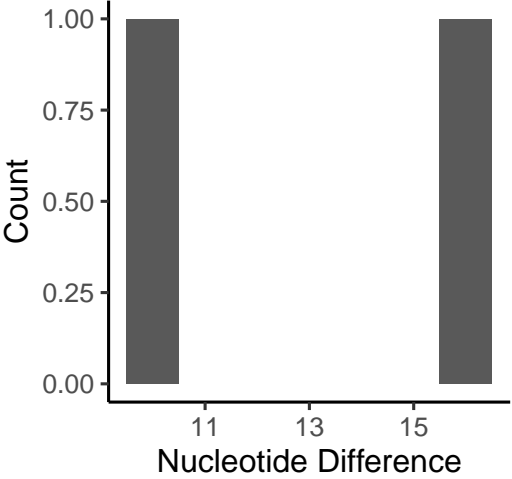
IGHV3-73*01_02

141 sequences assigned
No exact matches.



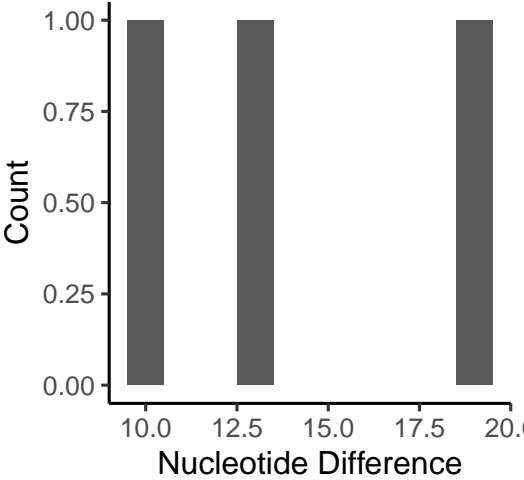
IGHV3-64D*06

2 sequences assigned
No exact matches.



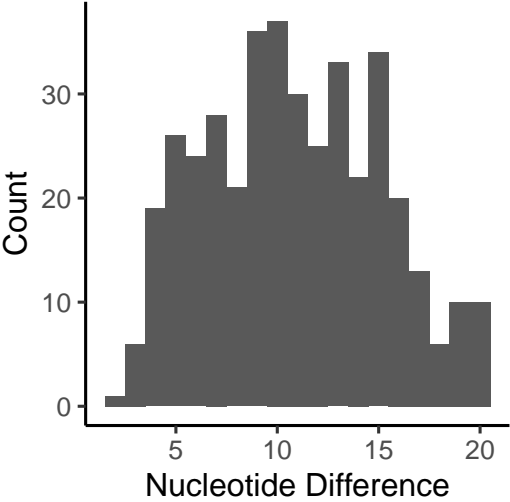
IGHV3-69-1*01

3 sequences assigned
No exact matches.



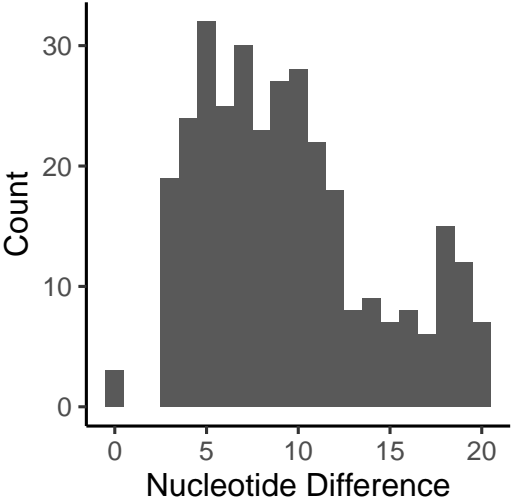
IGHV3-74*03

466 sequences assigned
No exact matches.



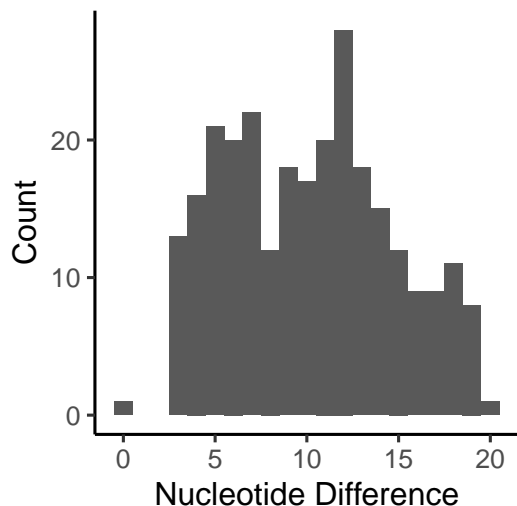
IGHV4-4*07

377 sequences assigned
3 (0.8%) exact matches, in which:
2 unique CDR3
1 unique J



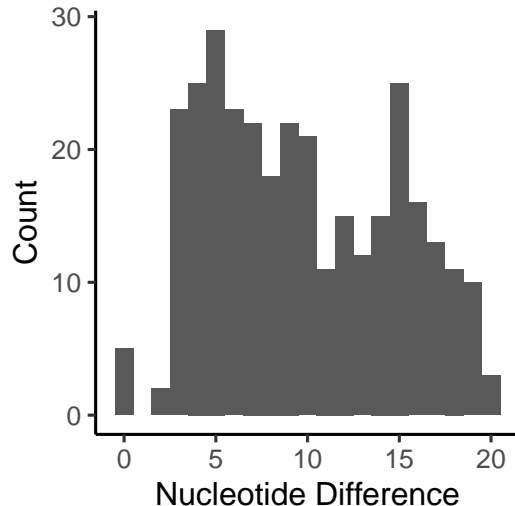
IGHV4-4*02_03

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



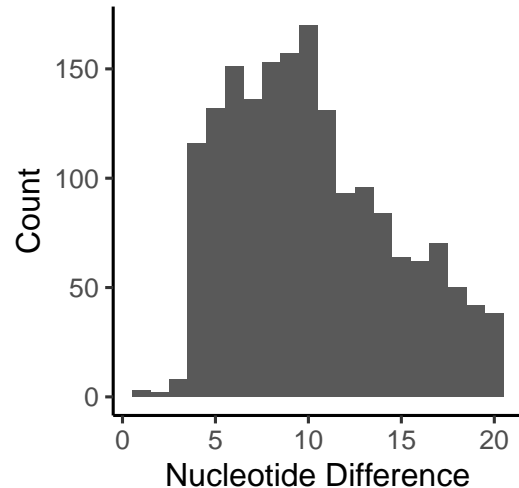
IGHV4-31*02

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



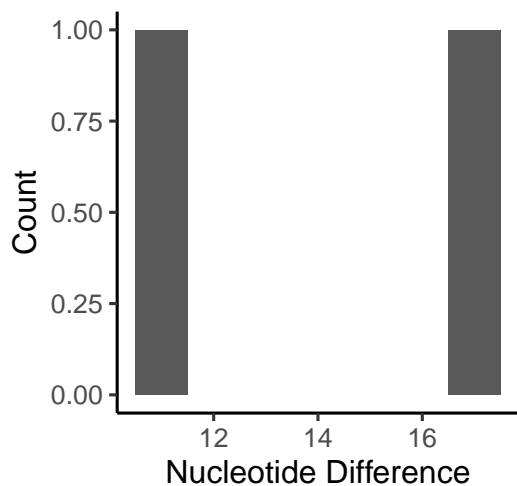
IGHV4-39*02

2108 sequences assigned
No exact matches.



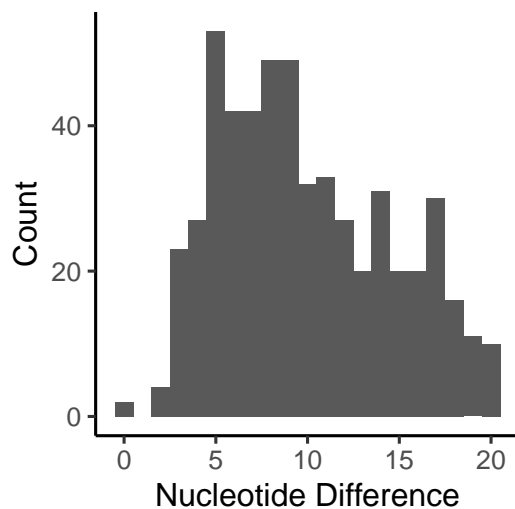
IGHV4-30-2*03

5 sequences assigned
No exact matches.



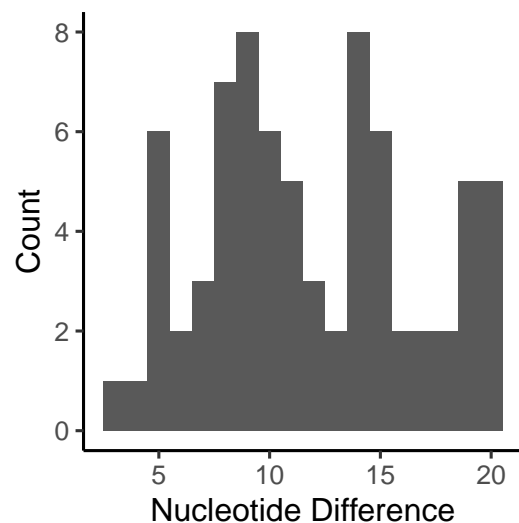
IGHV4-34*01_02

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



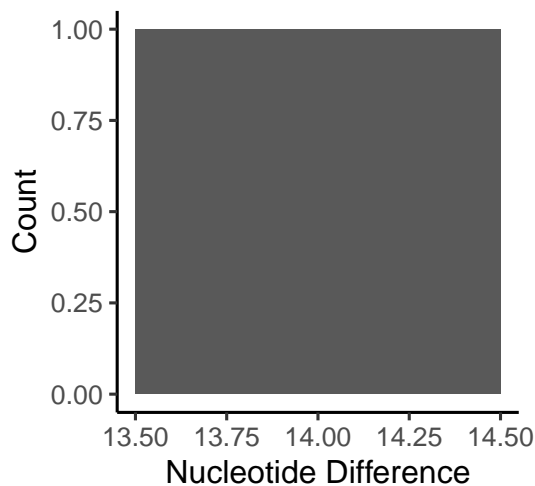
IGHV4-59*02

105 sequences assigned
No exact matches.



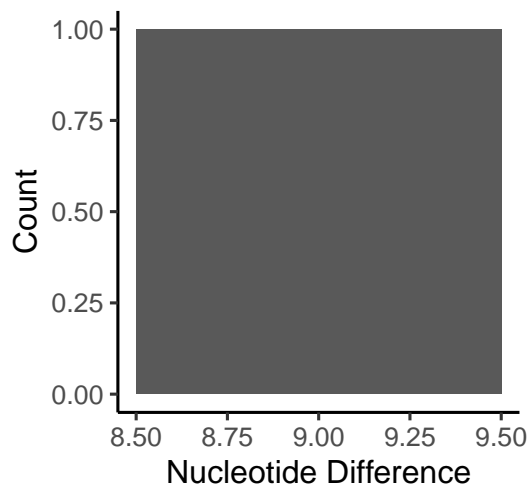
IGHV4-30-4*07

1 sequences assigned
No exact matches.



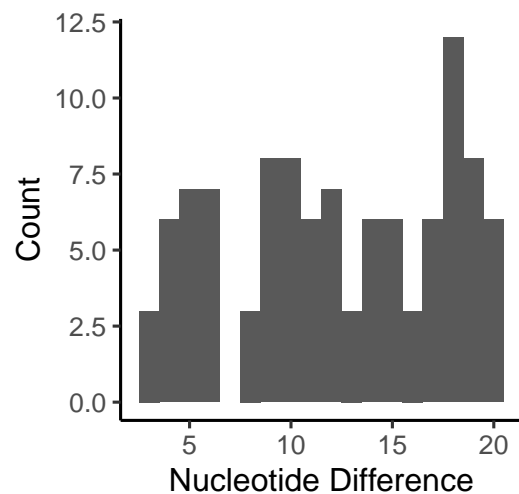
IGHV4-38-2*02

1 sequences assigned
No exact matches.



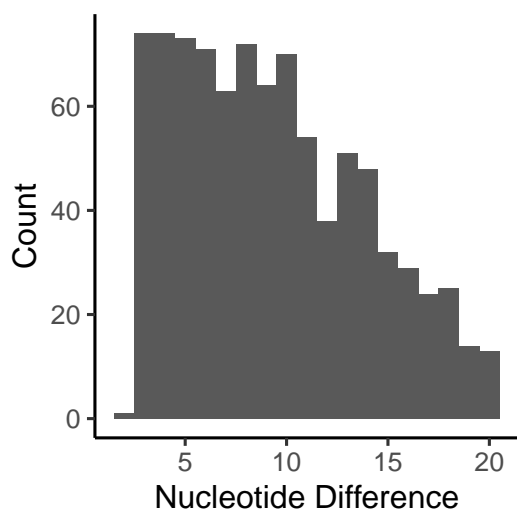
IGHV4-59*11

131 sequences assigned
No exact matches.



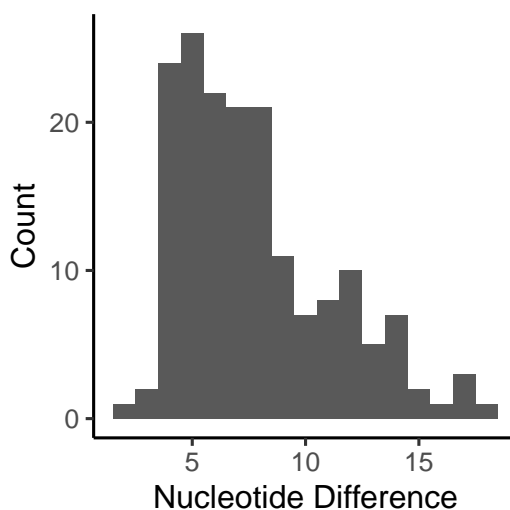
IGHV4-59*01_07

1046 sequences assigned
No exact matches.



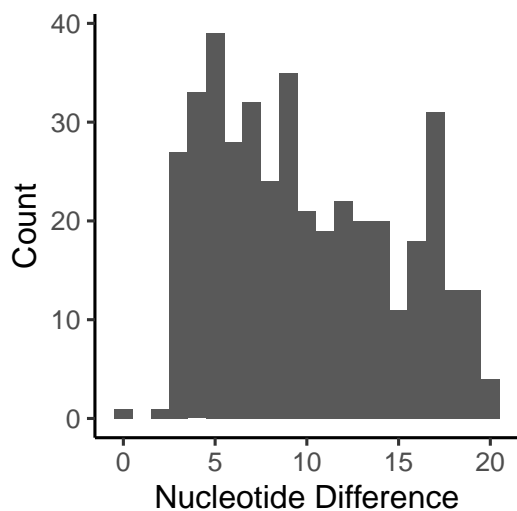
IGHV5-51*07

176 sequences assigned
No exact matches.



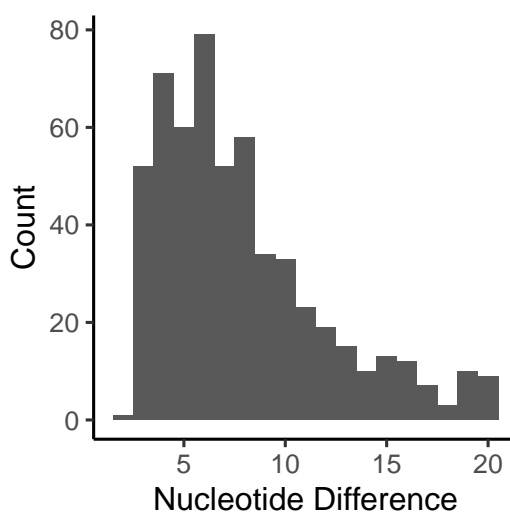
IGHV4-61*01

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



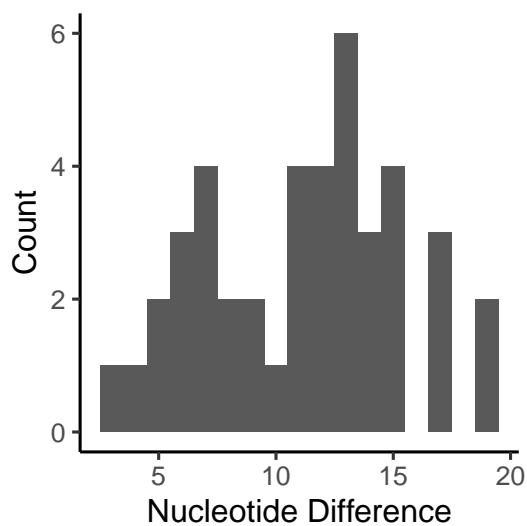
IGHV5-51*01_03

600 sequences assigned
No exact matches.



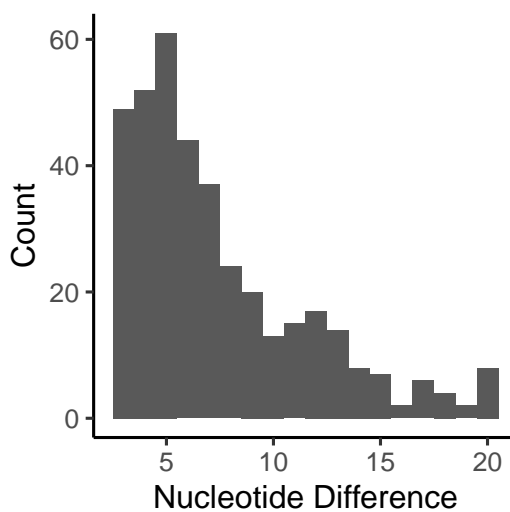
IGHV4-61*08

65 sequences assigned
No exact matches.



IGHV6-1*01_02

393 sequences assigned
No exact matches.





Warning – no inferred sequences found.