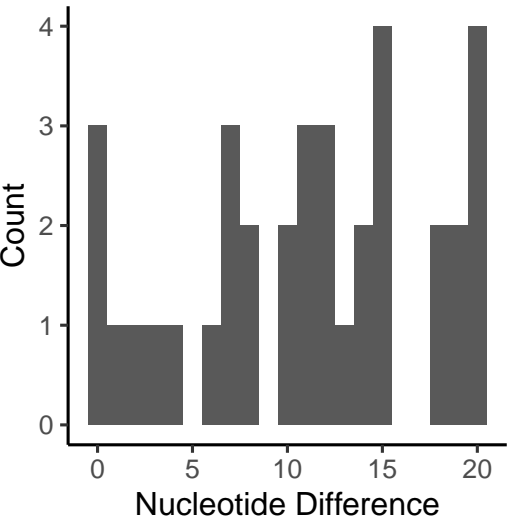


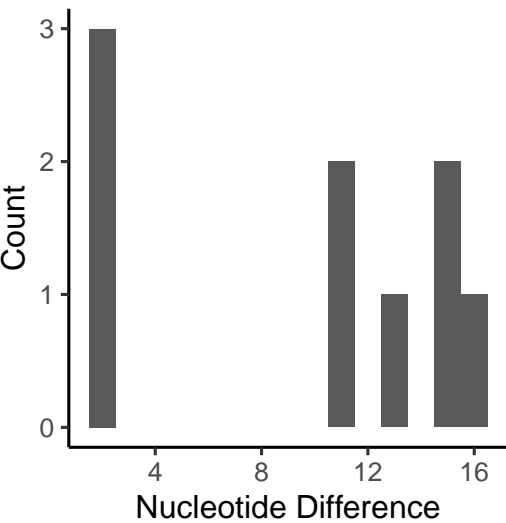
IGHV1-2*02

45 sequences assigned
3 (6.7%) exact matches, in which:
3 unique CDR3
2 unique J



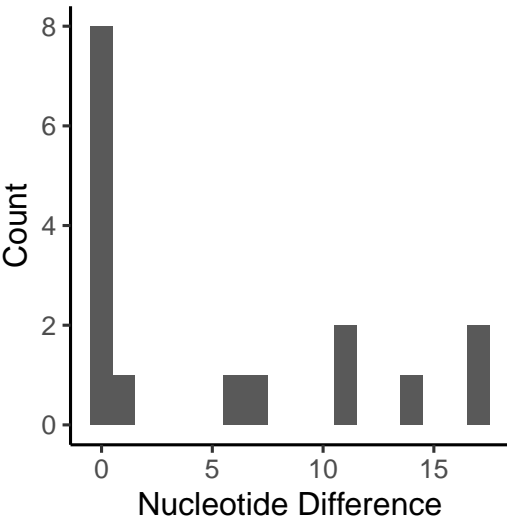
IGHV1-24*01

10 sequences assigned
No exact matches.



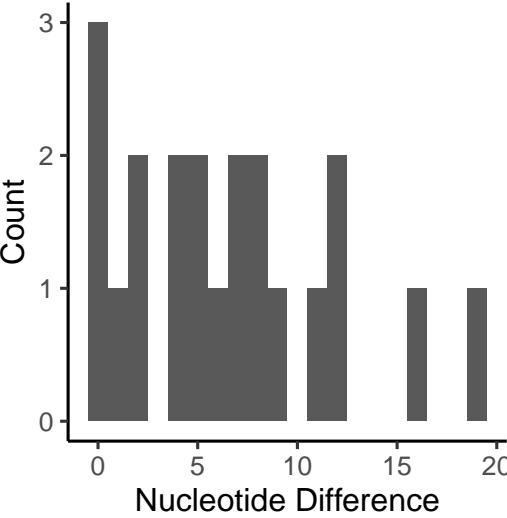
IGHV1-69*01

35 sequences assigned
8 (22.9%) exact matches, in which:
8 unique CDR3
3 unique J



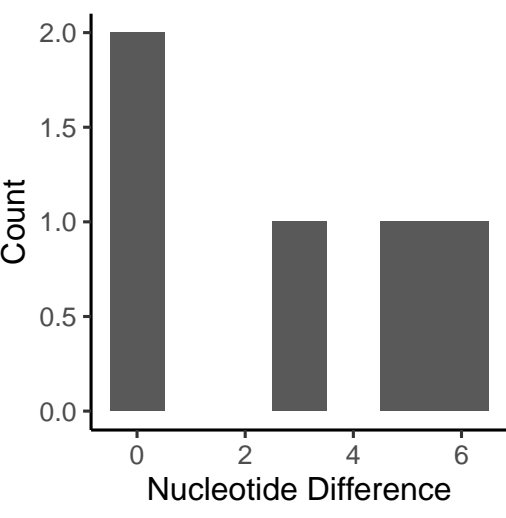
IGHV1-8*01

21 sequences assigned
3 (14.3%) exact matches, in which:
3 unique CDR3
3 unique J



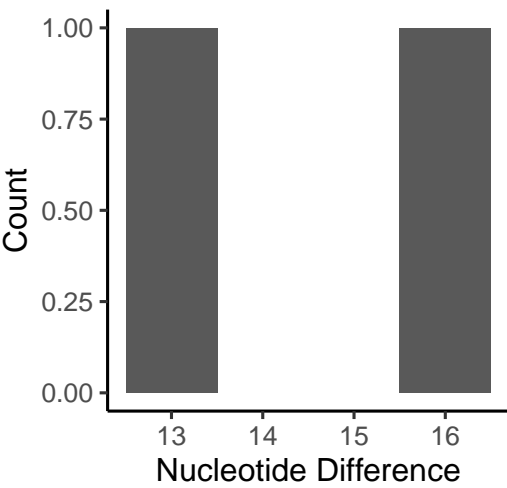
IGHV1-46*01

10 sequences assigned
2 (20%) exact matches, in which:
2 unique CDR3
2 unique J



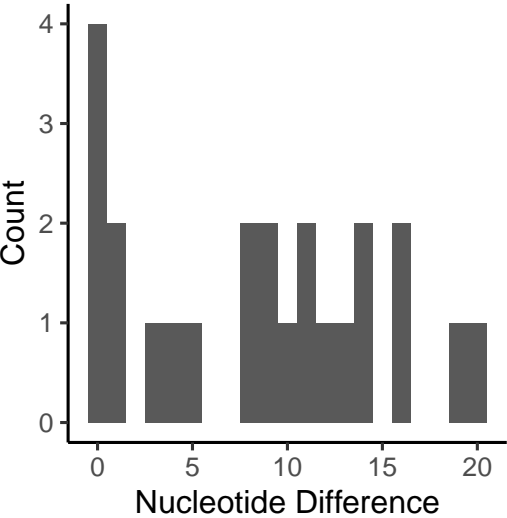
IGHV1-69-2*01

3 sequences assigned
No exact matches.



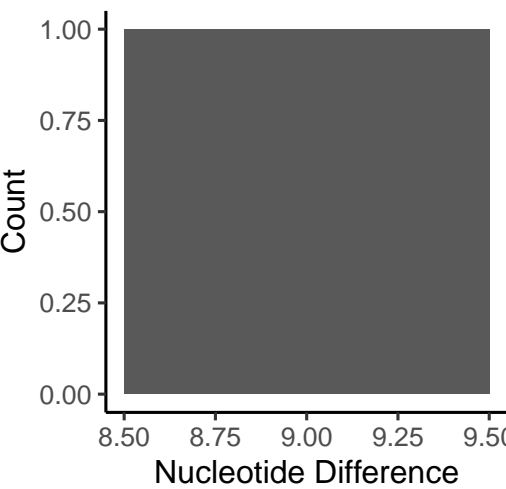
IGHV1-18*01

27 sequences assigned
4 (14.8%) exact matches, in which:
4 unique CDR3
2 unique J



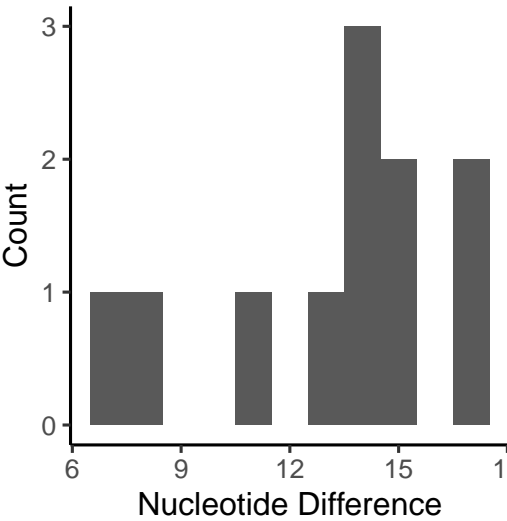
IGHV1-58*02

1 sequences assigned
No exact matches.



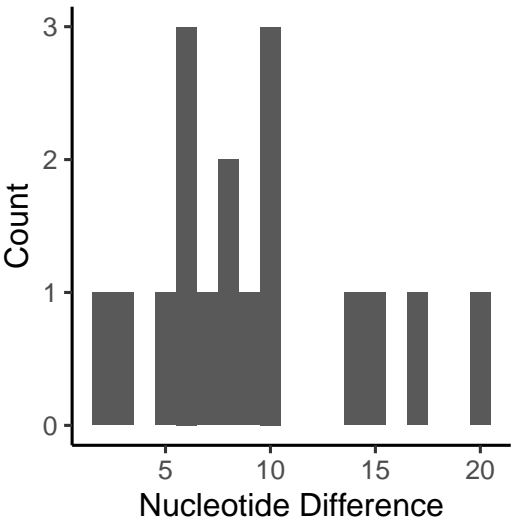
IGHV1-69*06

16 sequences assigned
No exact matches.



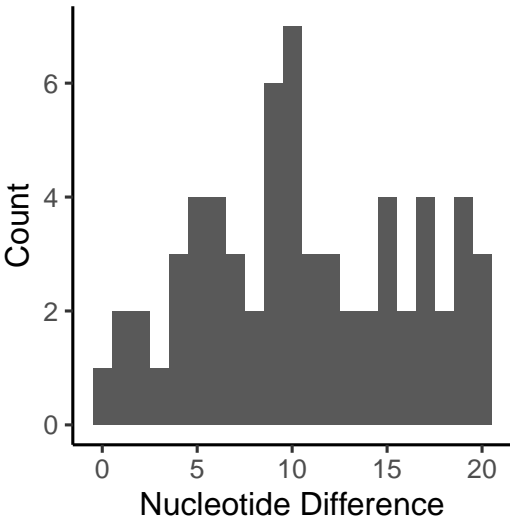
IGHV2-5*01

21 sequences assigned
No exact matches.



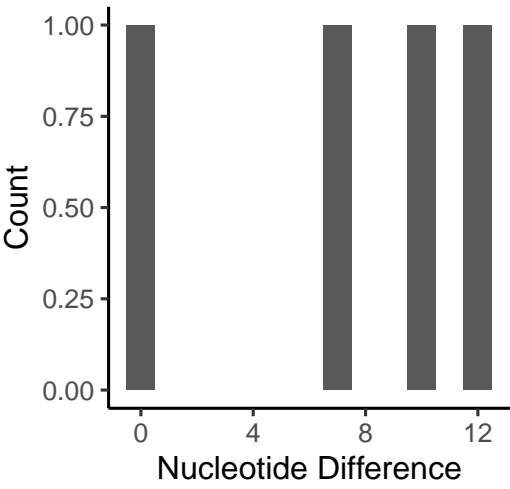
IGHV3-7*01

75 sequences assigned
1 (1.3%) exact matches, in which:
1 unique CDR3
1 unique J



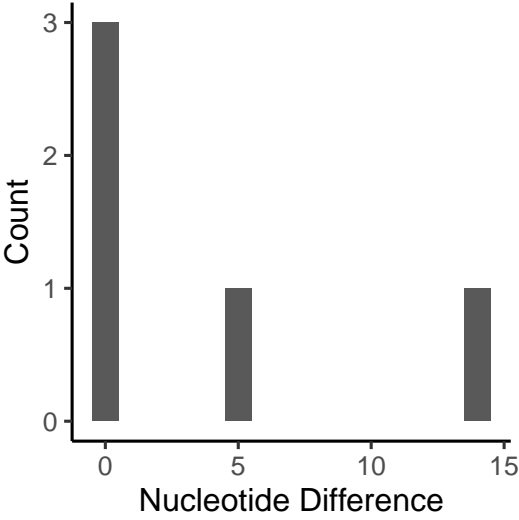
IGHV3-13*01

4 sequences assigned
1 (25%) exact matches, in which:
1 unique CDR3
1 unique J



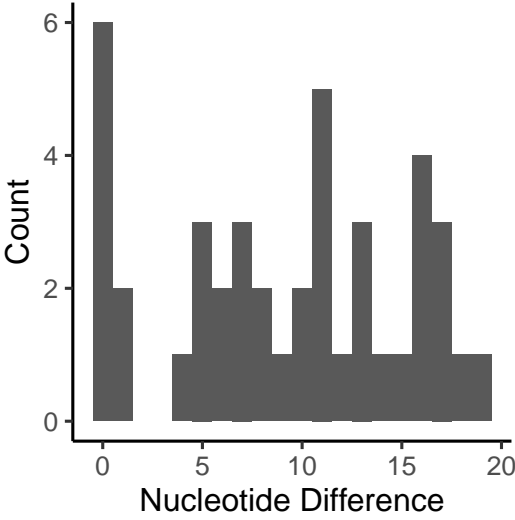
IGHV2-26*01

5 sequences assigned
3 (60%) exact matches, in which:
3 unique CDR3
2 unique J



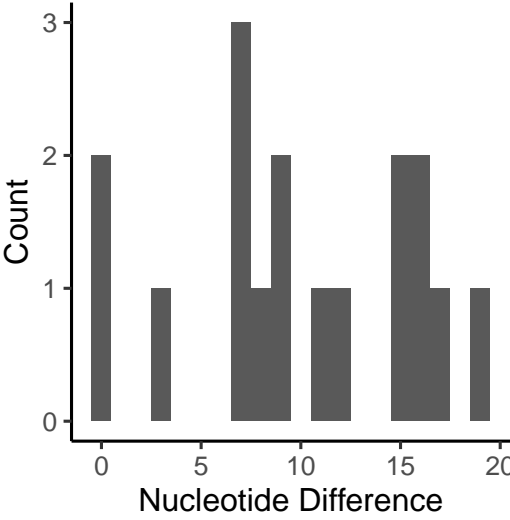
IGHV3-9*01

48 sequences assigned
6 (12.5%) exact matches, in which:
6 unique CDR3
3 unique J



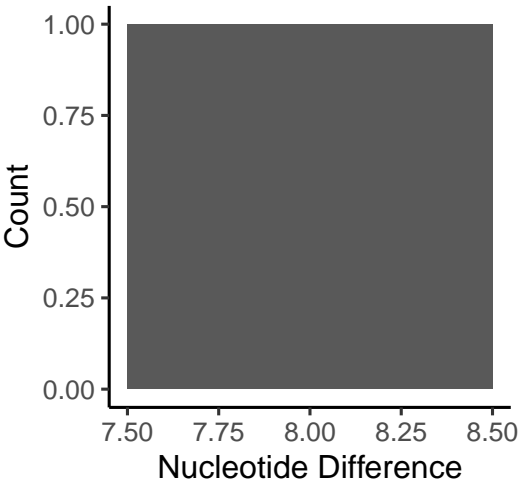
IGHV3-15*01

19 sequences assigned
2 (10.5%) exact matches, in which:
2 unique CDR3
1 unique J



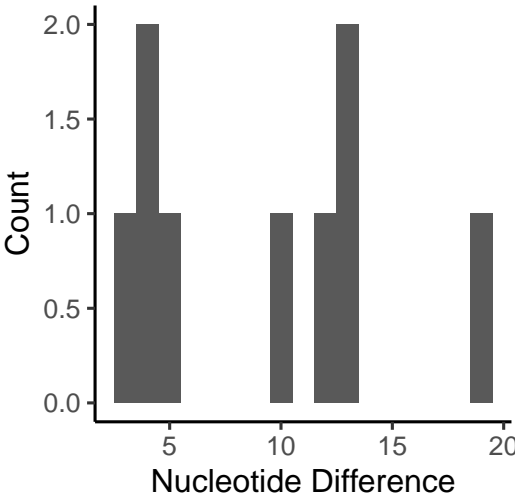
IGHV2-70*20

1 sequences assigned
No exact matches.



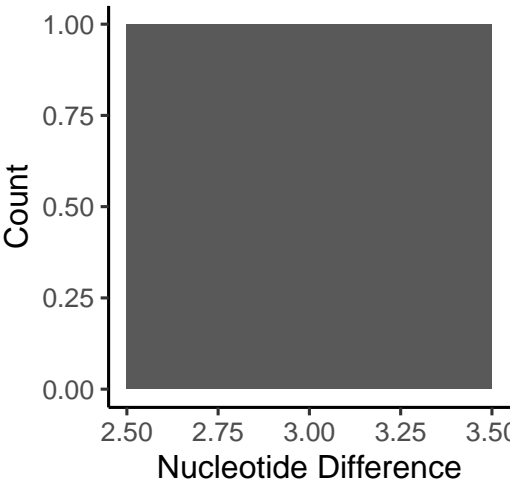
IGHV3-11*01

14 sequences assigned
No exact matches.



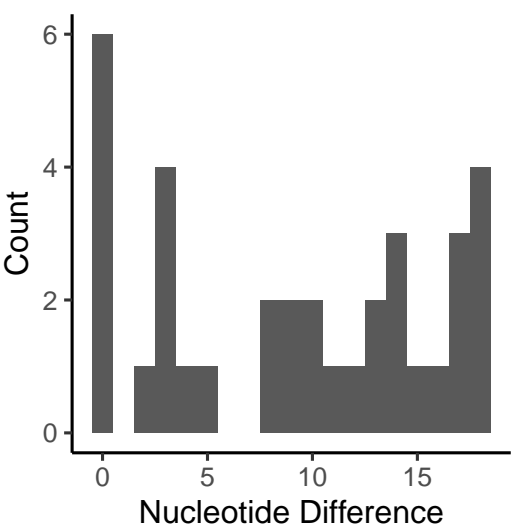
IGHV3-20*01

1 sequences assigned
No exact matches.



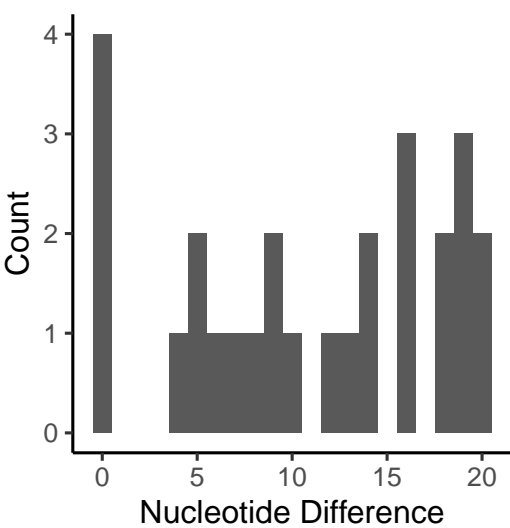
IGHV3-21*01

36 sequences assigned
6 (16.7%) exact matches, in which:
6 unique CDR3
3 unique J



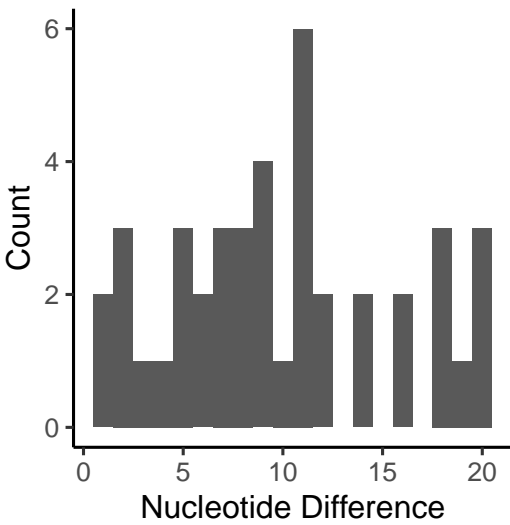
IGHV3-30-3*01

34 sequences assigned
4 (11.8%) exact matches, in which:
4 unique CDR3
3 unique J



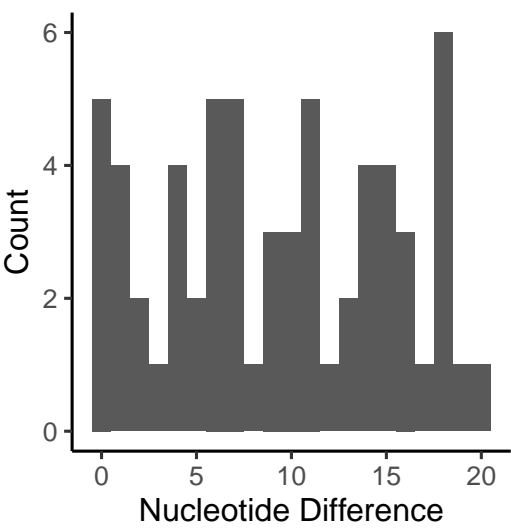
IGHV3-30*18

44 sequences assigned
No exact matches.



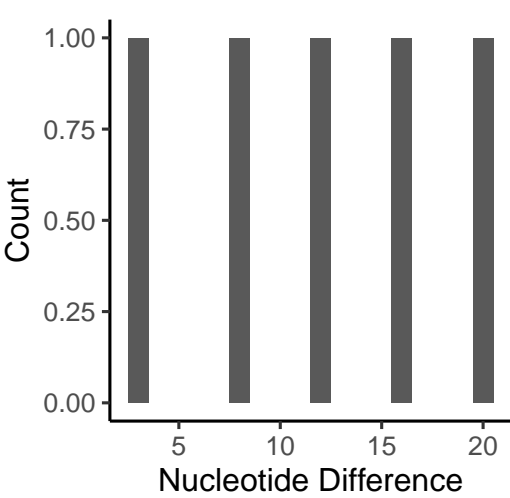
IGHV3-23*01

82 sequences assigned
5 (6.1%) exact matches, in which:
5 unique CDR3
3 unique J



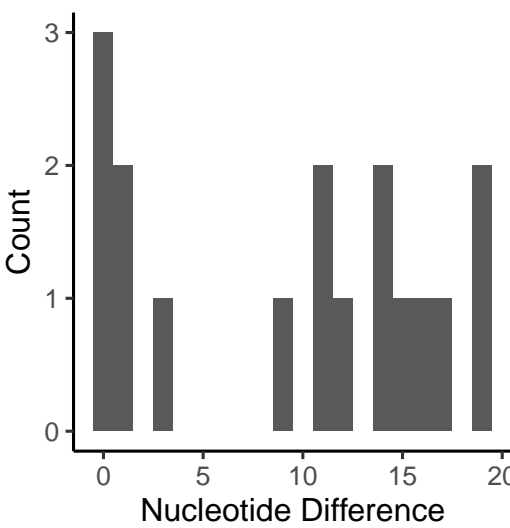
IGHV3-30*03

8 sequences assigned
No exact matches.



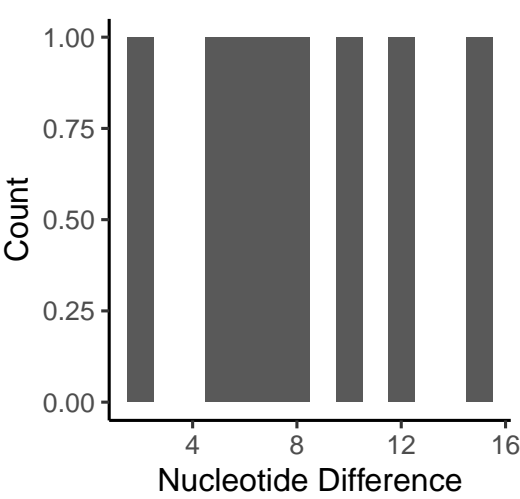
IGHV3-33*01

21 sequences assigned
3 (14.3%) exact matches, in which:
3 unique CDR3
2 unique J



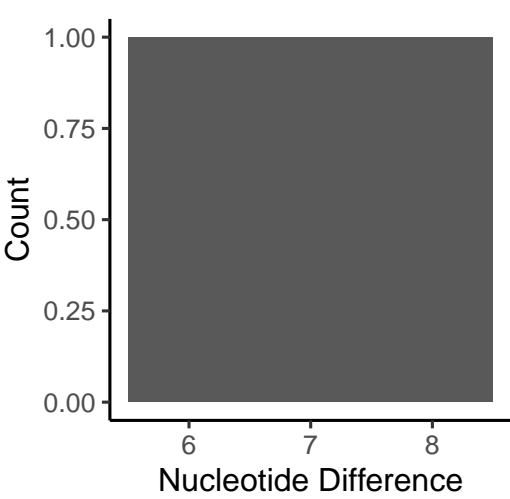
IGHV3-30*01

10 sequences assigned
No exact matches.



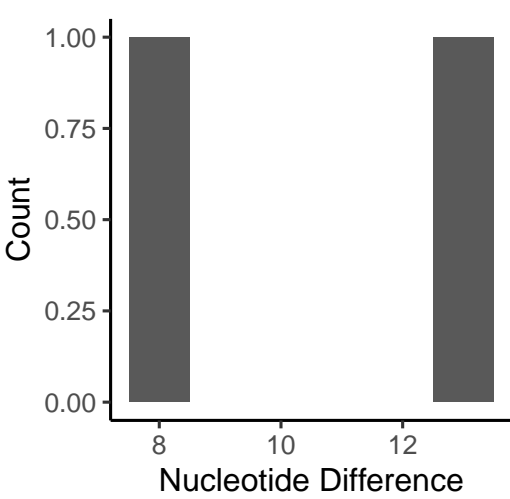
IGHV3-30*04

3 sequences assigned
No exact matches.



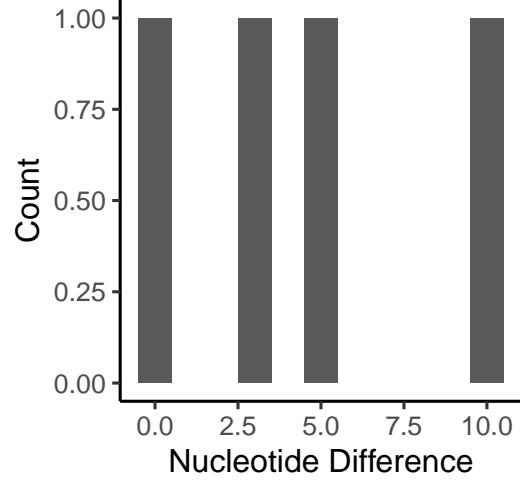
IGHV3-43*01

2 sequences assigned
No exact matches.



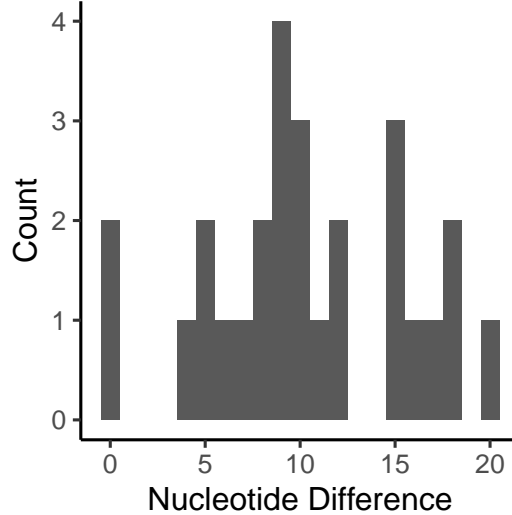
IGHV3-48*01

5 sequences assigned
1 (20%) exact matches, in which:
1 unique CDR3
1 unique J



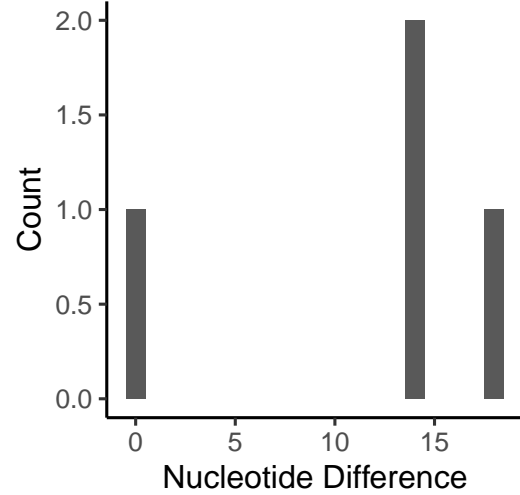
IGHV3-53*01

32 sequences assigned
2 (6.2%) exact matches, in which:
2 unique CDR3
1 unique J



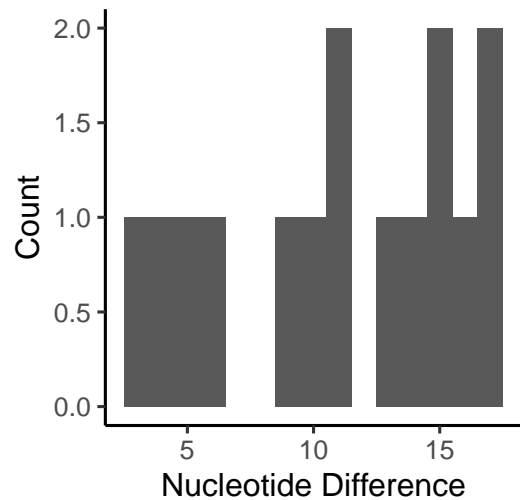
IGHV3-73*02

9 sequences assigned
1 (11.1%) exact matches, in which:
1 unique CDR3
1 unique J



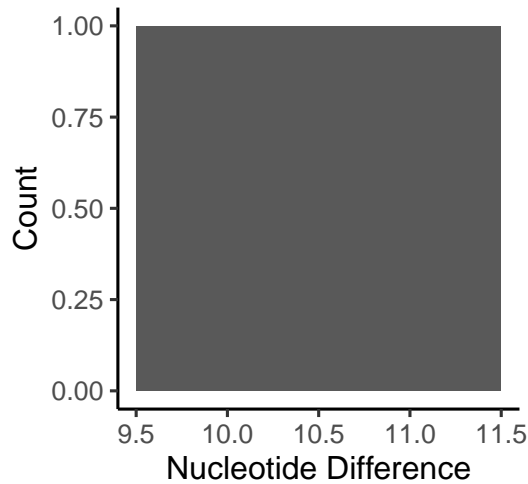
IGHV3-48*02

15 sequences assigned
No exact matches.



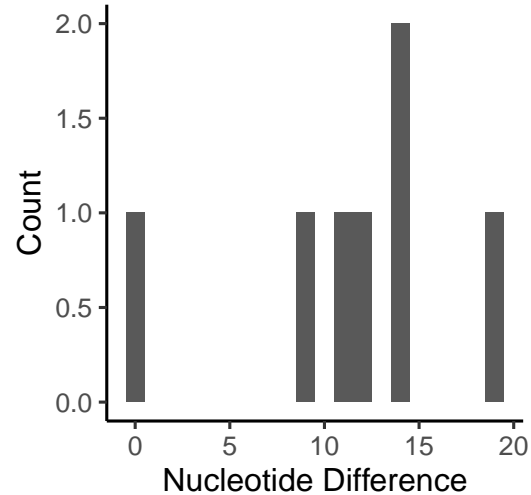
IGHV3-64*07

2 sequences assigned
No exact matches.



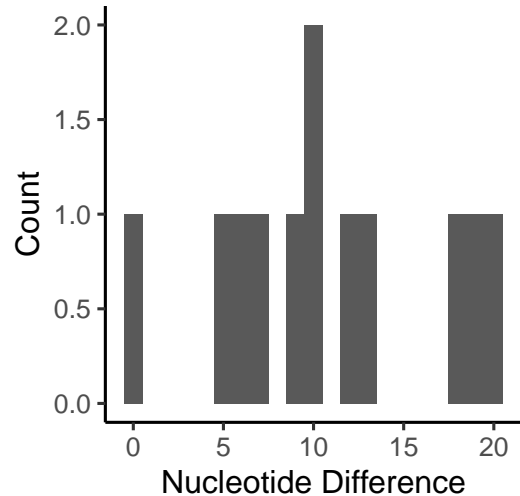
IGHV3-74*01

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



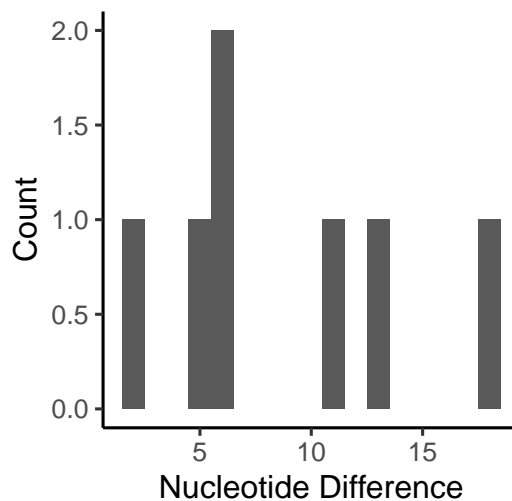
IGHV3-49*03

14 sequences assigned
1 (7.1%) exact matches, in which:
1 unique CDR3
1 unique J



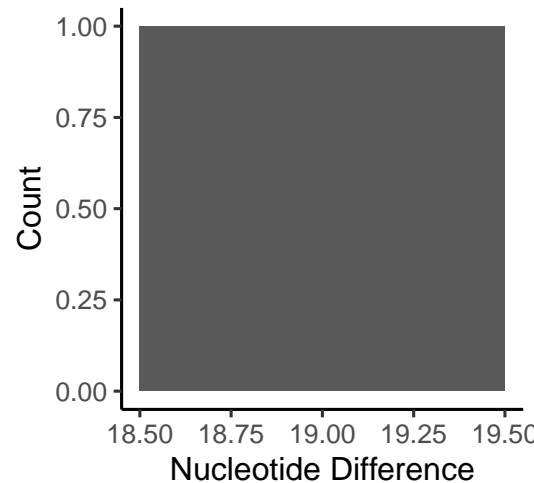
IGHV3-72*01

9 sequences assigned
No exact matches.



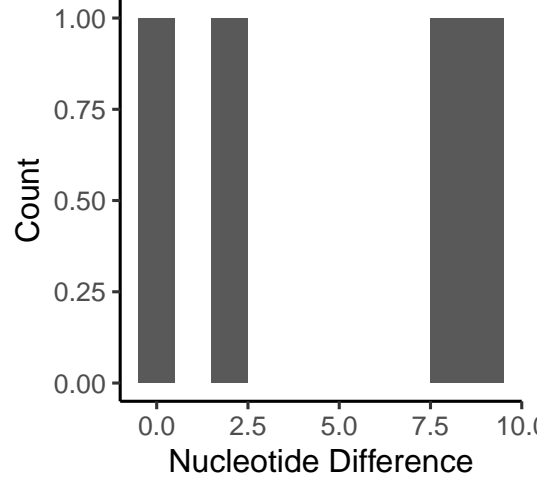
IGHV3-74*03

1 sequences assigned
No exact matches.



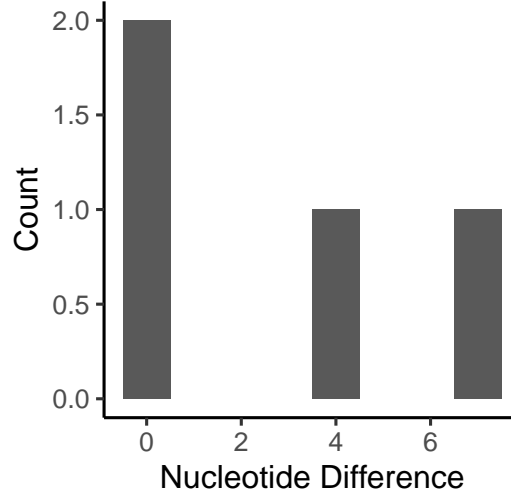
IGHV4-4*07

5 sequences assigned
1 (20%) exact matches, in which:
1 unique CDR3
1 unique J



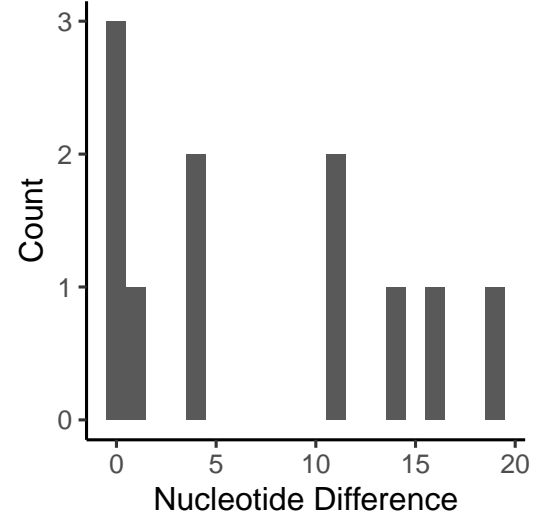
IGHV4-30-4*01

5 sequences assigned
2 (40%) exact matches, in which:
2 unique CDR3
2 unique J



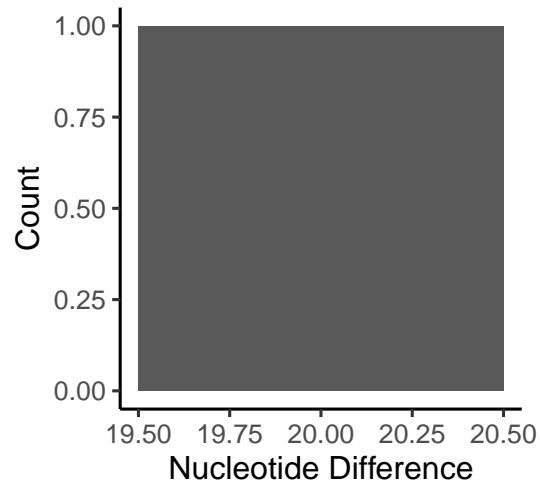
IGHV4-34*01

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



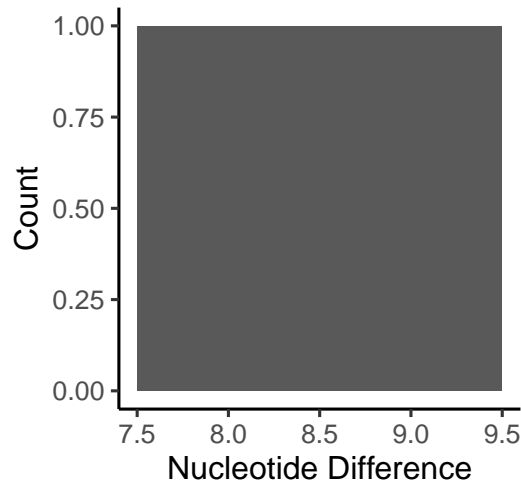
IGHV4-28*03

1 sequences assigned
No exact matches.



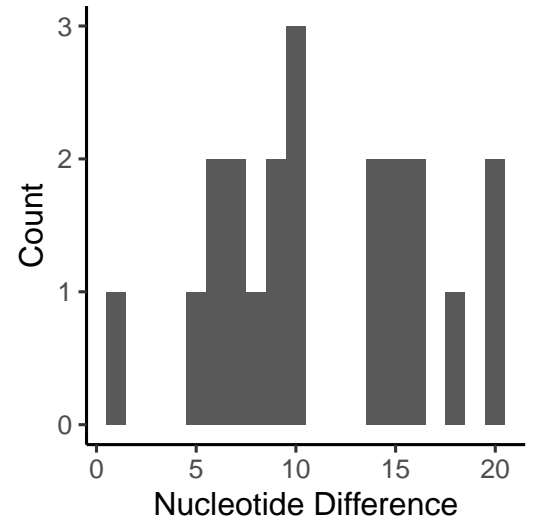
IGHV4-31*01

2 sequences assigned
No exact matches.



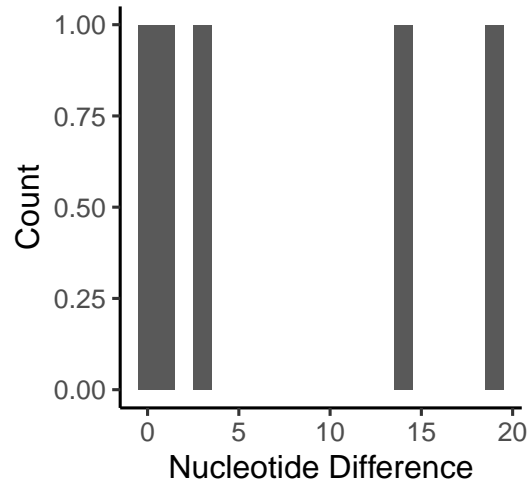
IGHV4-39*01

31 sequences assigned
No exact matches.



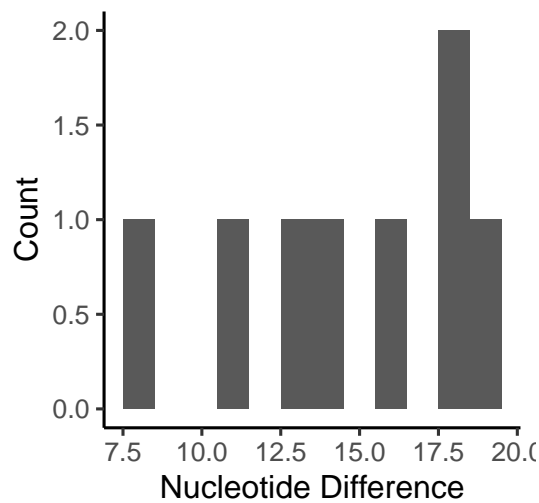
IGHV4-30-2*01

6 sequences assigned
1 (16.7%) exact matches, in which:
1 unique CDR3
1 unique J



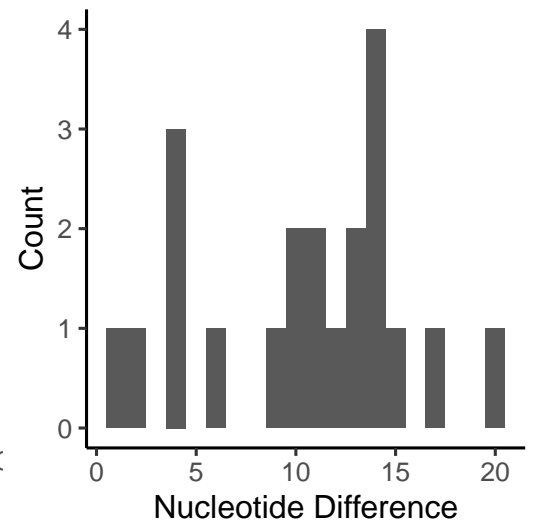
IGHV4-31*03

10 sequences assigned
No exact matches.



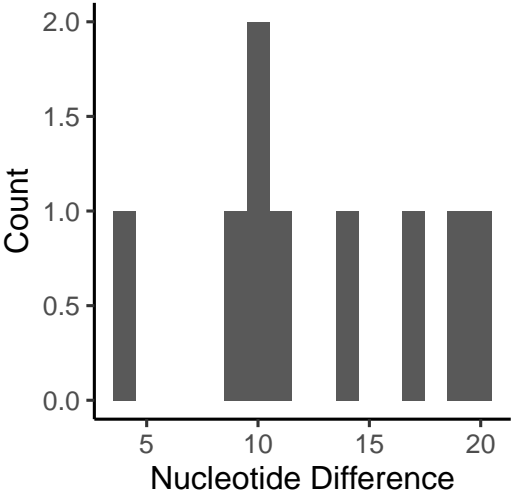
IGHV4-59*01

27 sequences assigned
No exact matches.



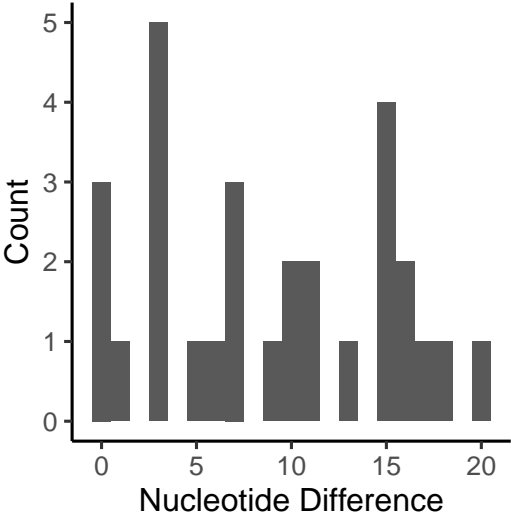
IGHV4-61*02

13 sequences assigned
No exact matches.



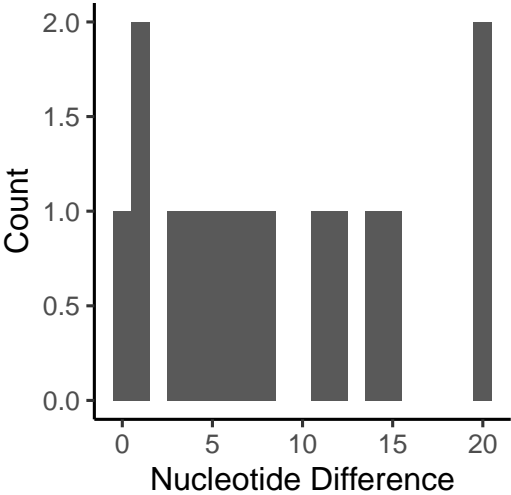
IGHV5-51*01

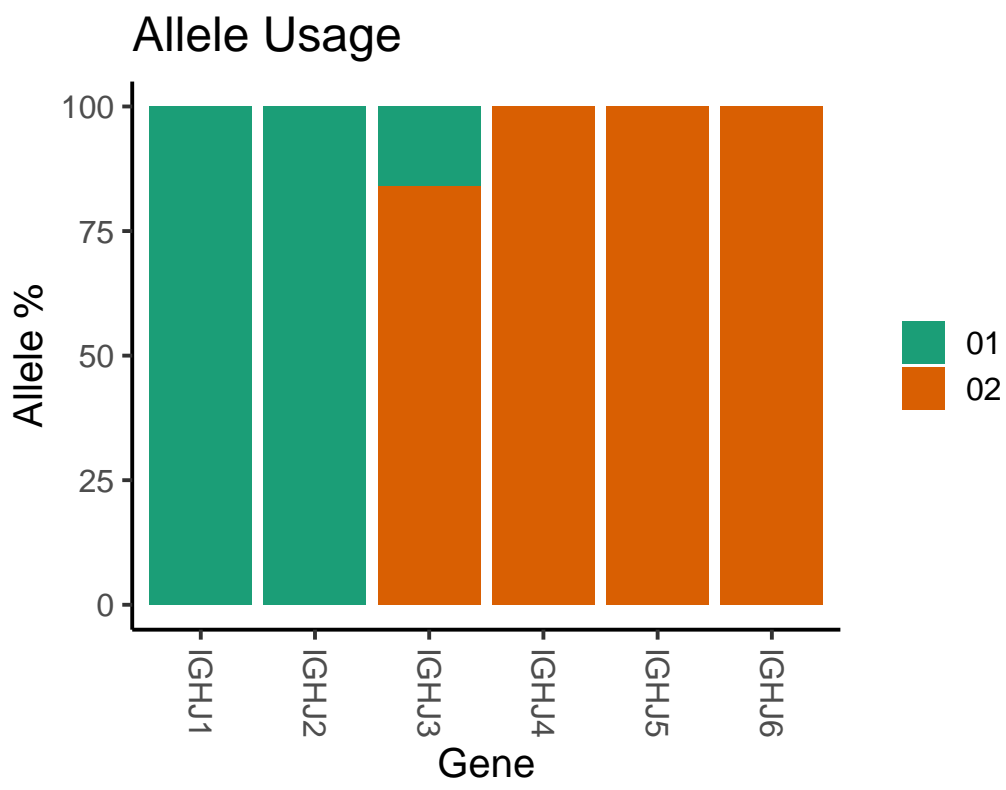
36 sequences assigned
3 (8.3%) exact matches, in which:
3 unique CDR3
3 unique J



IGHV6-1*01

16 sequences assigned
1 (6.2%) exact matches, in which:
1 unique CDR3
1 unique J





Warning – no inferred sequences found.