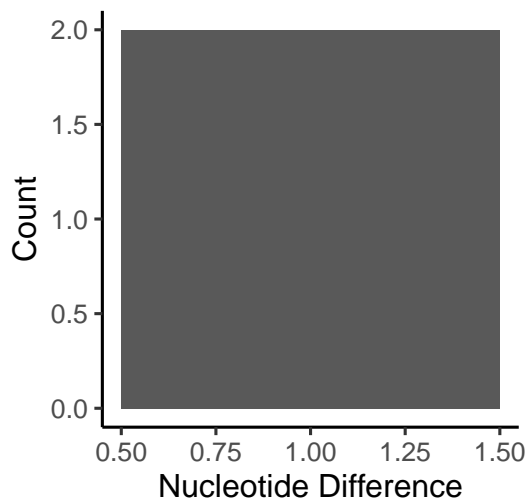


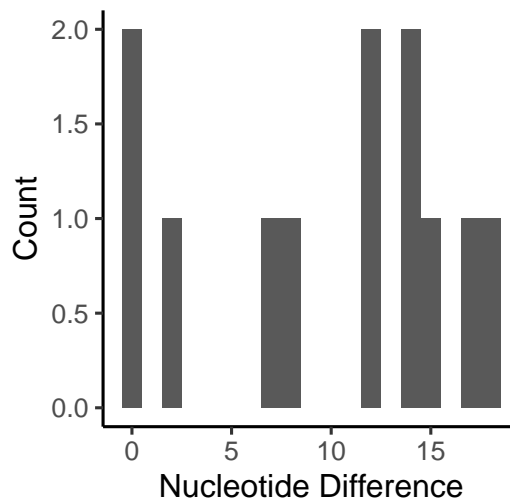
IGHV1-2*02

2 sequences assigned
No exact matches.



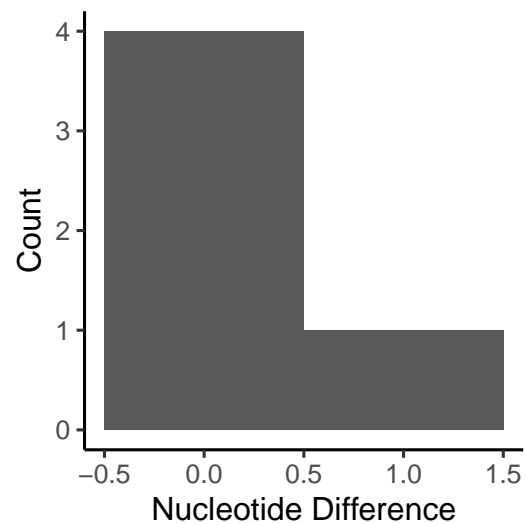
IGHV1-3*01

16 sequences assigned
2 (12.5%) exact matches, in which:
2 unique CDR3
2 unique J



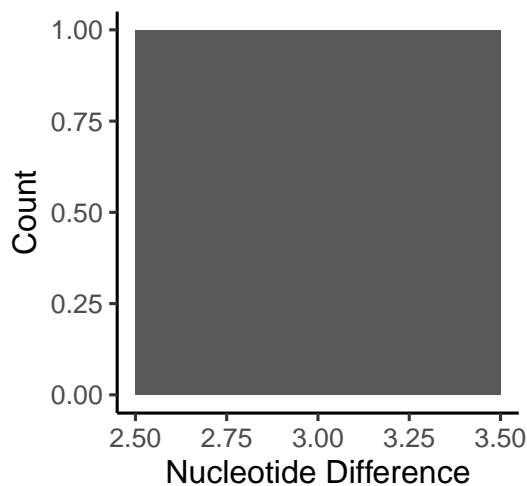
IGHV1-24*01

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
1 unique J



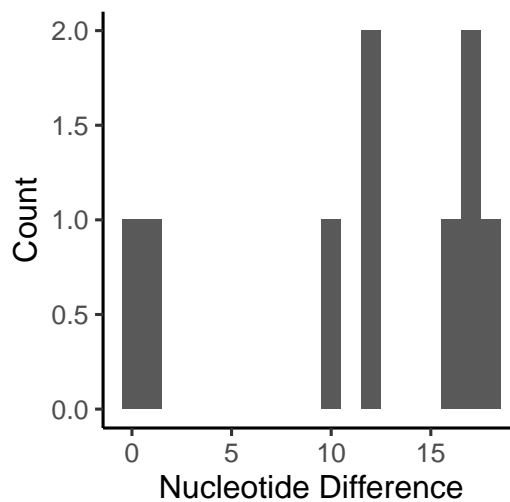
IGHV1-2*04

1 sequences assigned
No exact matches.



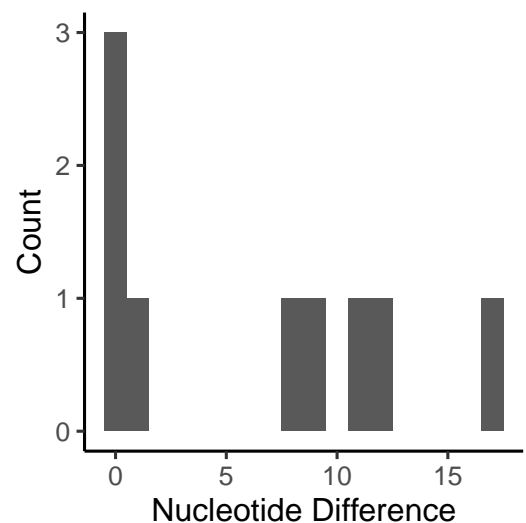
IGHV1-8*01

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



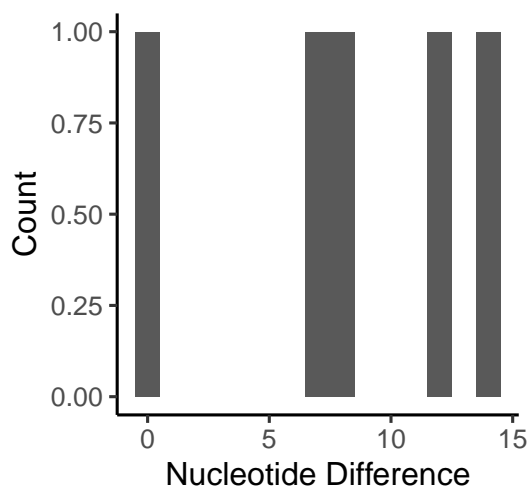
IGHV1-46*01

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



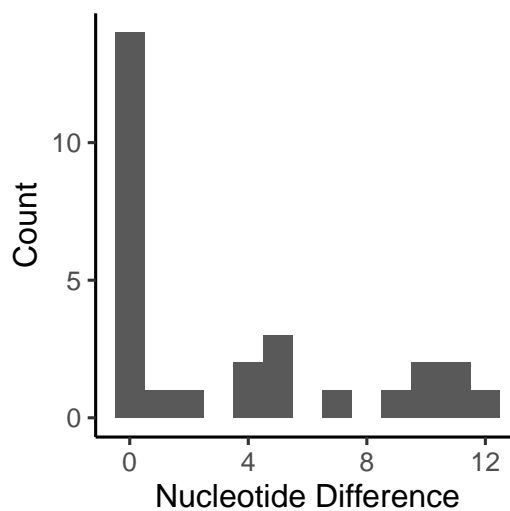
IGHV1-2*06

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



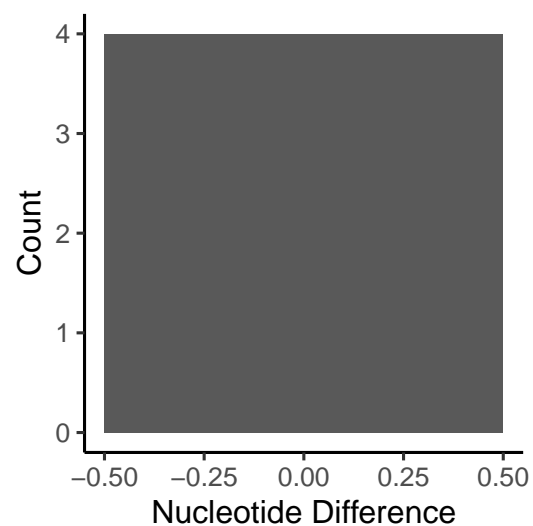
IGHV1-18*01

30 sequences assigned
14 (46.7%) exact matches, in which:
14 unique CDR3
4 unique J



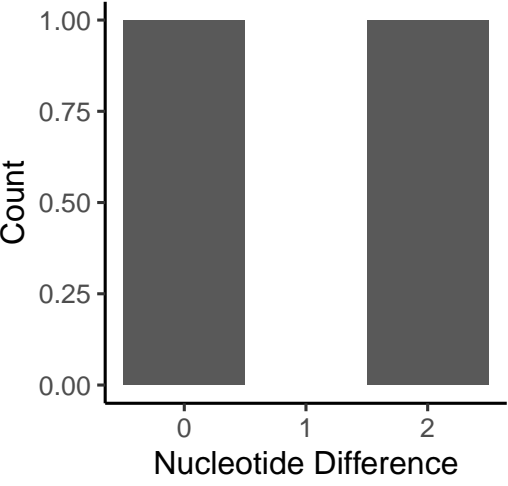
IGHV1-46*03

4 sequences assigned
4 (100%) exact matches, in which:
4 unique CDR3
2 unique J



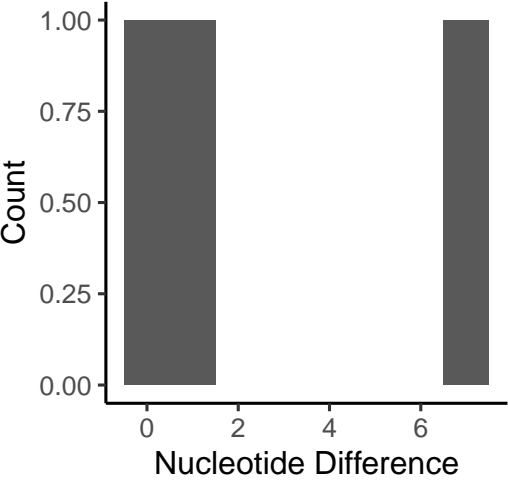
IGHV1-69*04

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
0 unique J



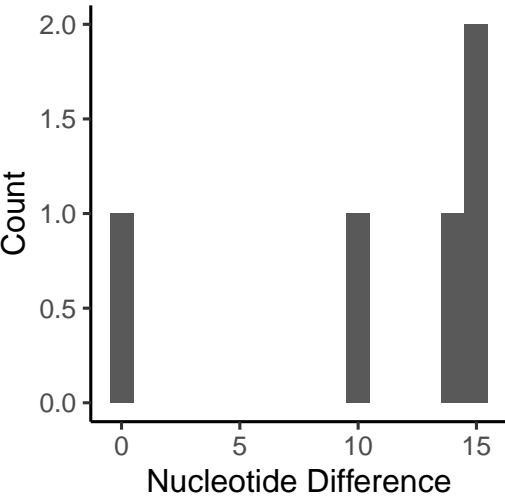
IGHV2-26*01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



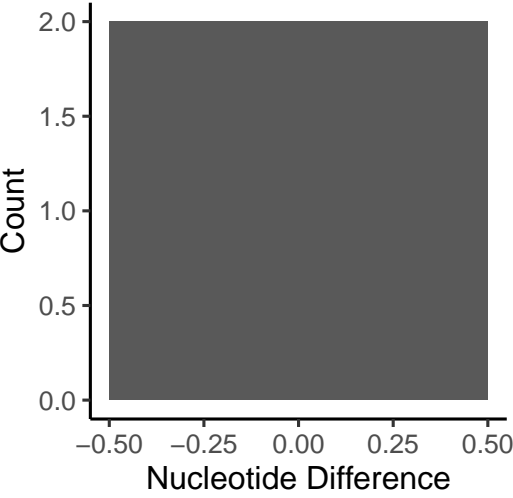
IGHV3-7*04

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



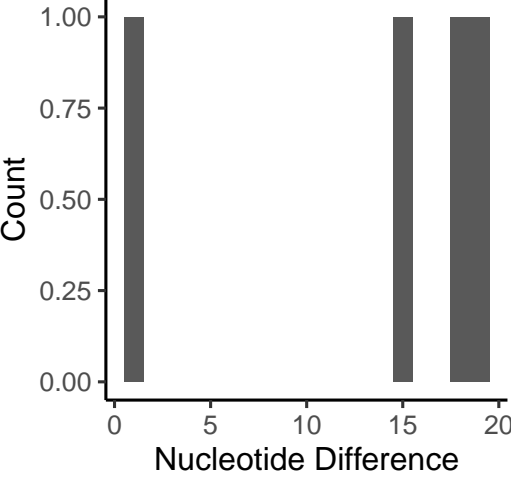
IGHV1-69*10

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
2 unique J



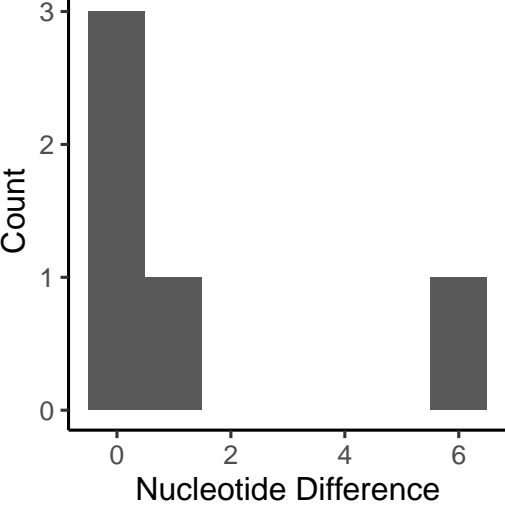
IGHV3-7*01

4 sequences assigned
No exact matches.



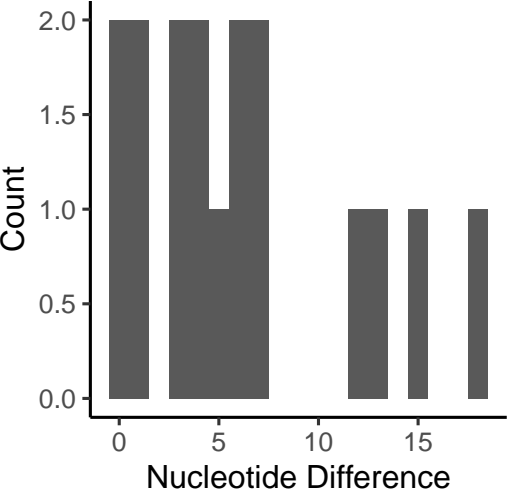
IGHV3-9*01

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



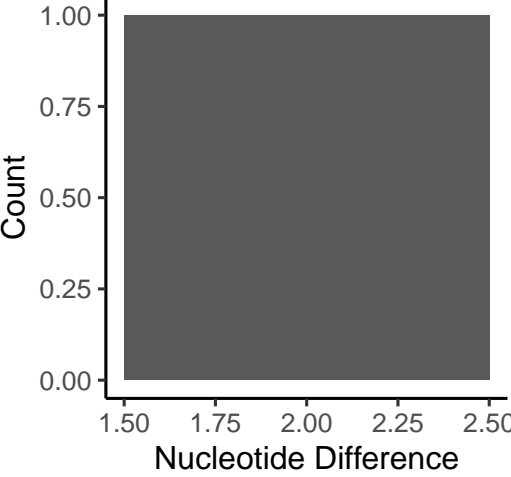
IGHV2-5*02

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



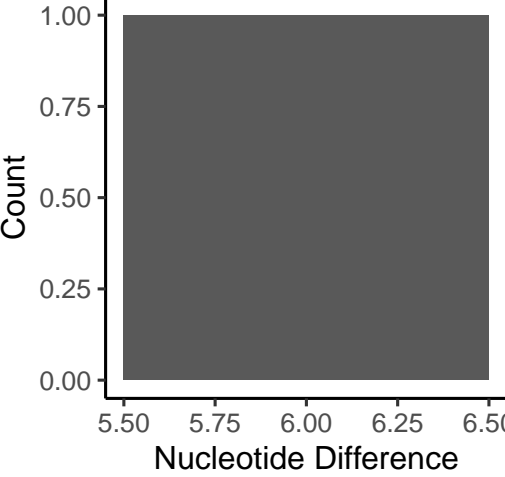
IGHV3-7*03

1 sequences assigned
No exact matches.



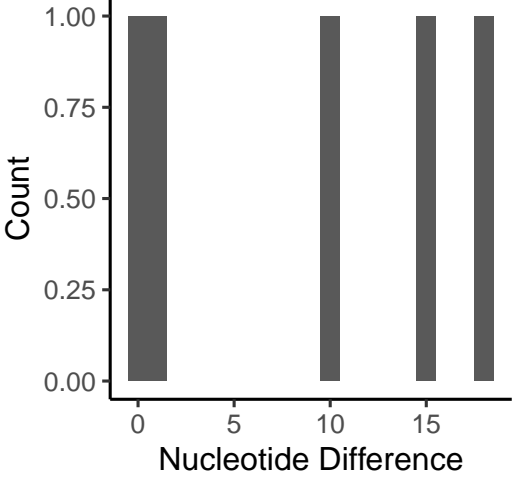
IGHV3-11*06

1 sequences assigned
No exact matches.



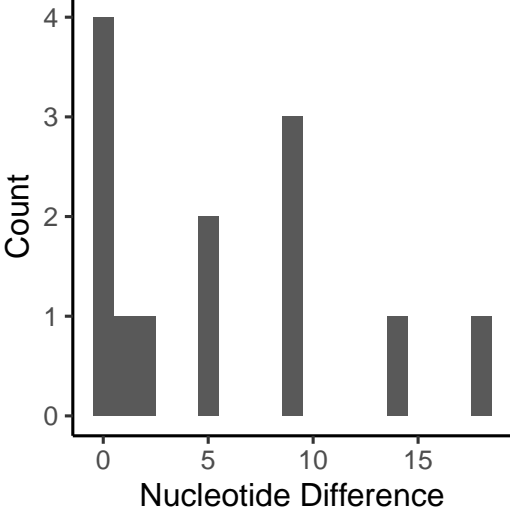
IGHV3-15*01

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



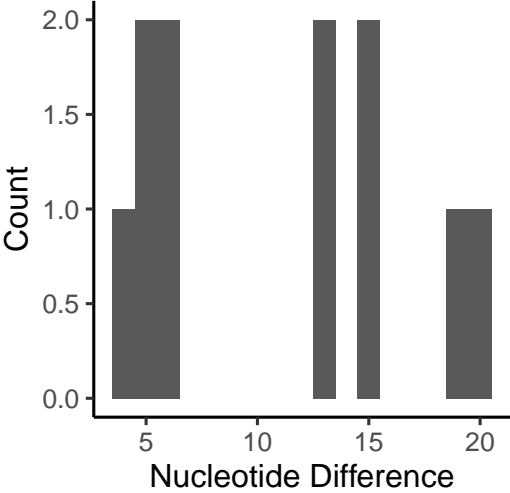
IGHV3-33*01

13 sequences assigned
4 (30.8%) exact matches, in which:
4 unique CDR3
3 unique J



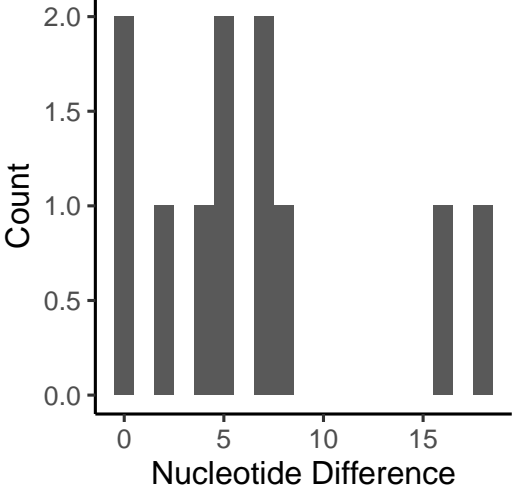
IGHV3-48*04

11 sequences assigned
No exact matches.



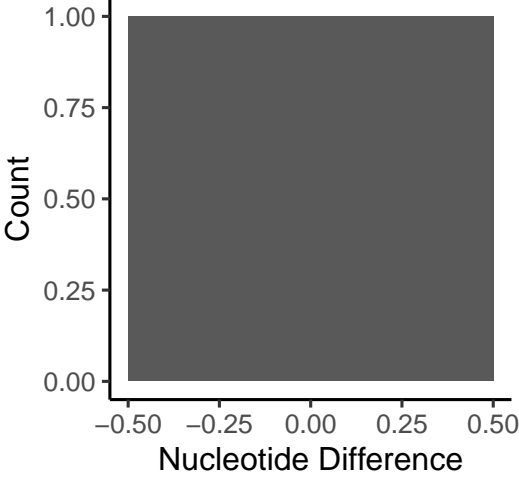
IGHV3-21*01

11 sequences assigned
2 (18.2%) exact matches, in which:
2 unique CDR3
2 unique J



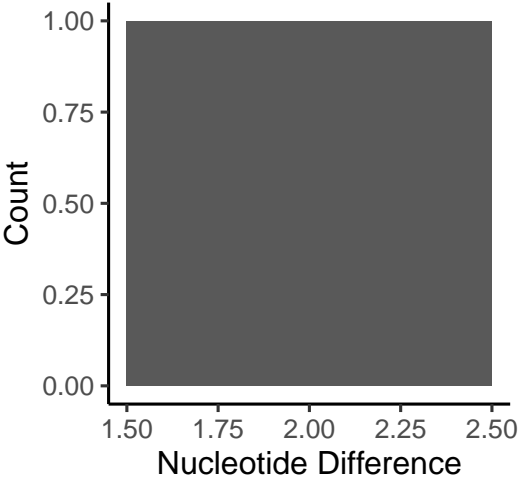
IGHV3-43*01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



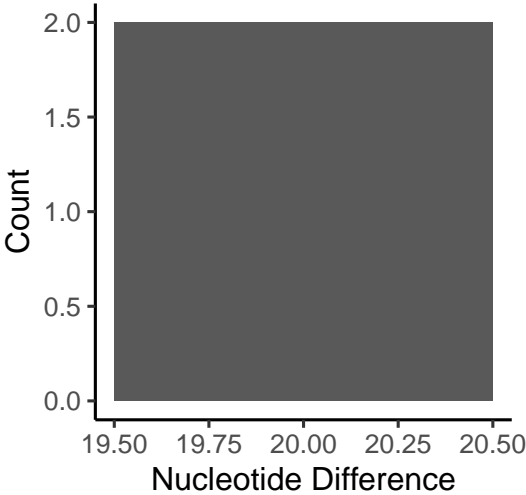
IGHV3-64*01

1 sequences assigned
No exact matches.



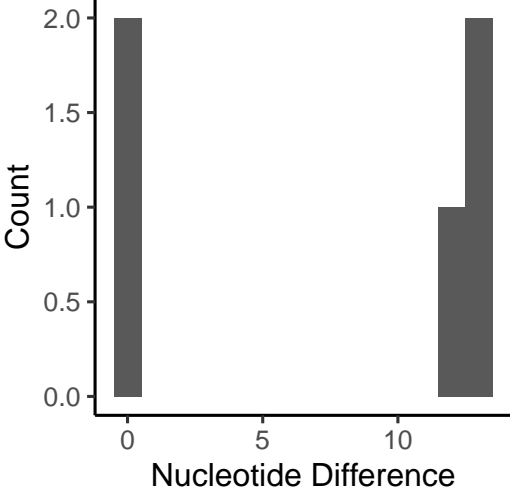
IGHV3-23*04

3 sequences assigned
No exact matches.



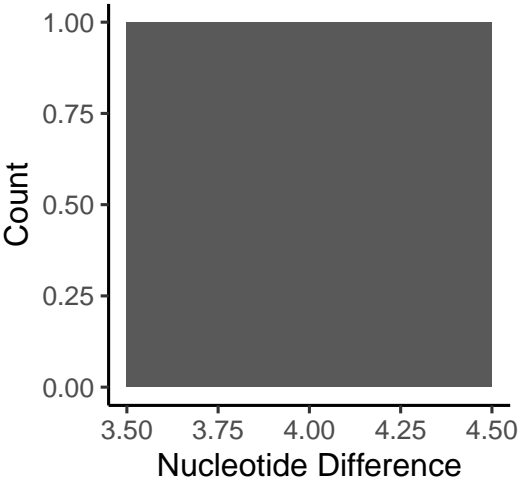
IGHV3-48*01

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



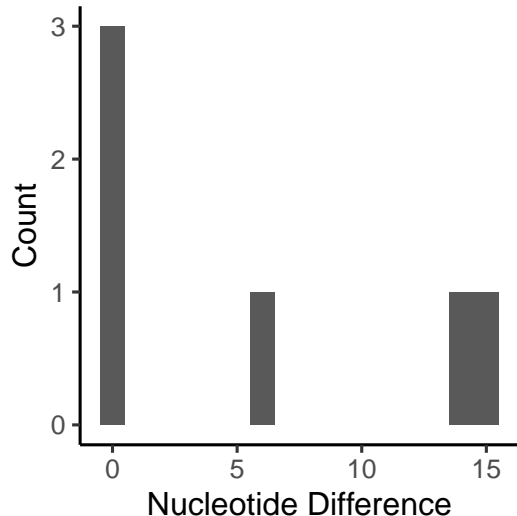
IGHV3-64*07

1 sequences assigned
No exact matches.



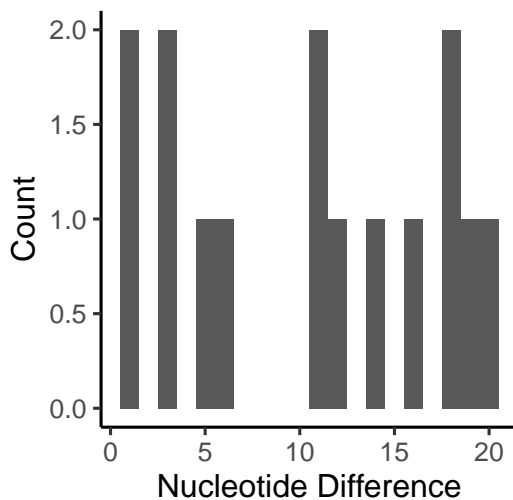
IGHV3-66*01

6 sequences assigned
3 (50%) exact matches, in which:
3 unique CDR3
1 unique J



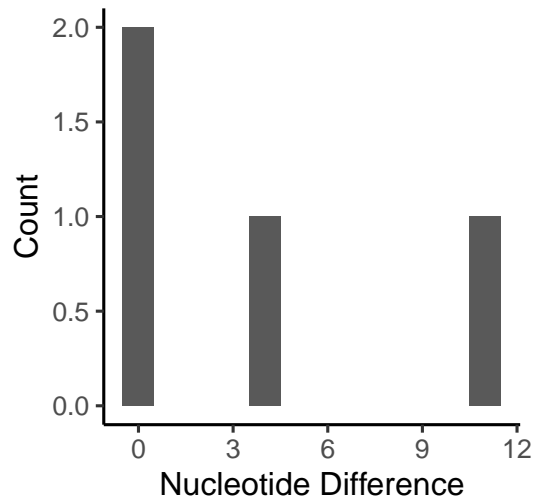
IGHV3-74*01

15 sequences assigned
No exact matches.



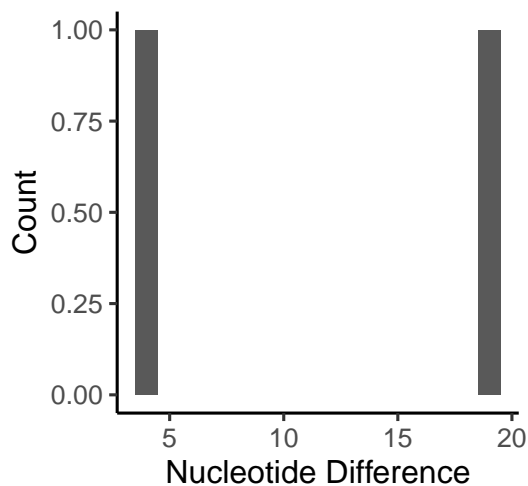
IGHV4-31*03

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



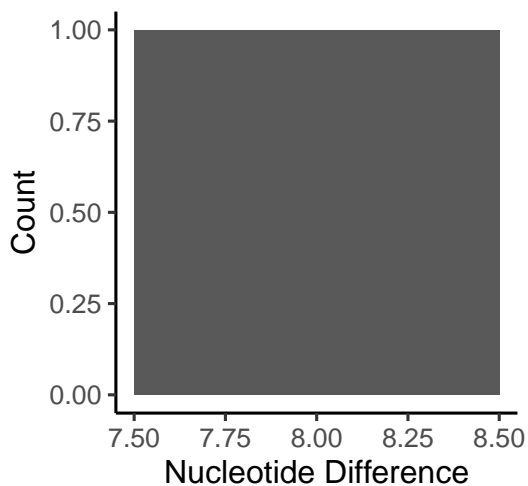
IGHV3-72*01

2 sequences assigned
No exact matches.



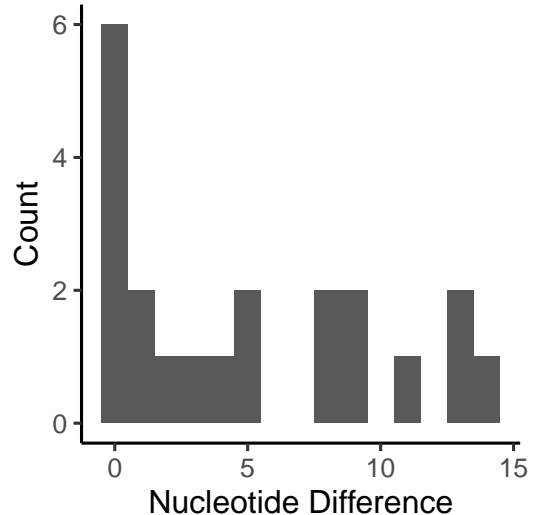
IGHV3-64D*06

1 sequences assigned
No exact matches.



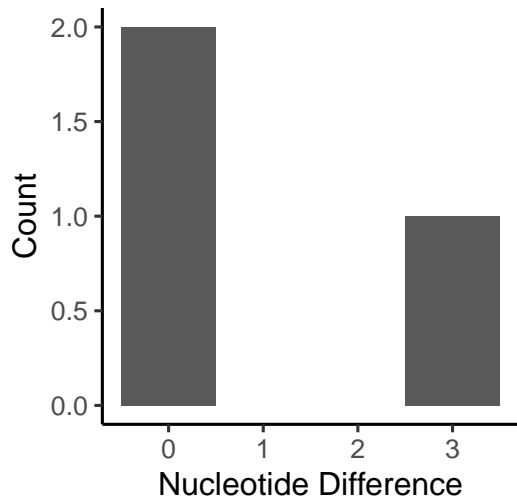
IGHV4-34*01

24 sequences assigned
6 (25%) exact matches, in which:
6 unique CDR3
2 unique J



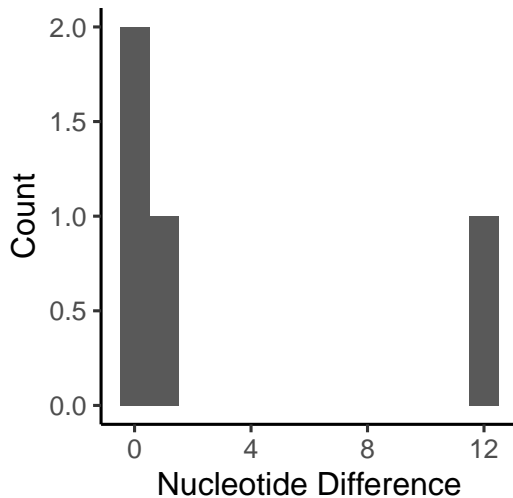
IGHV3-73*01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
2 unique J



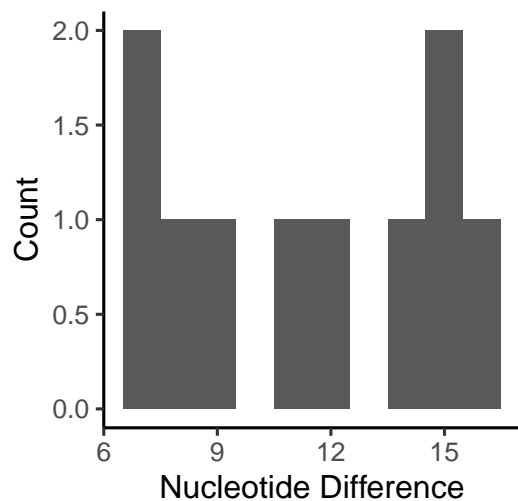
IGHV4-4*02

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



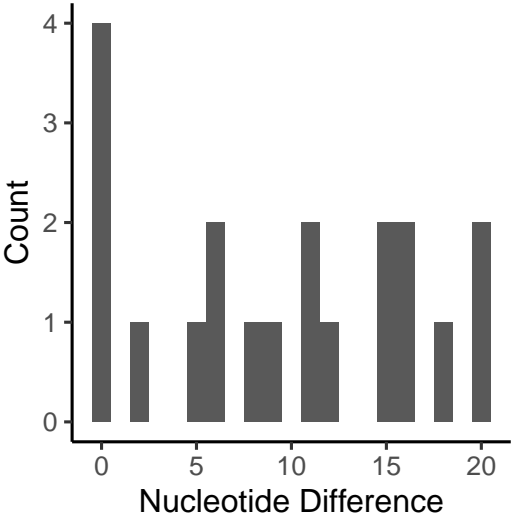
IGHV4-38-2*02

10 sequences assigned
No exact matches.



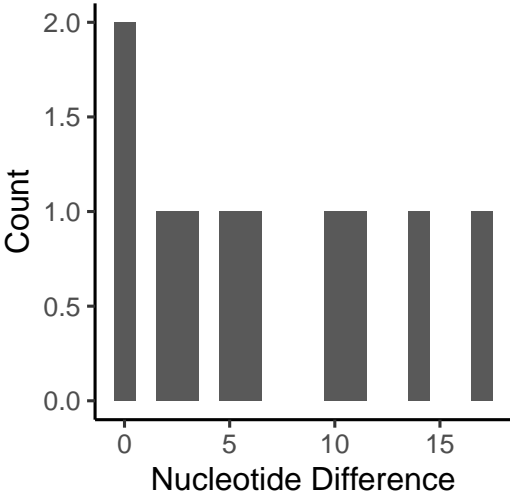
IGHV4-39*01

23 sequences assigned
4 (17.4%) exact matches, in which:
4 unique CDR3
2 unique J



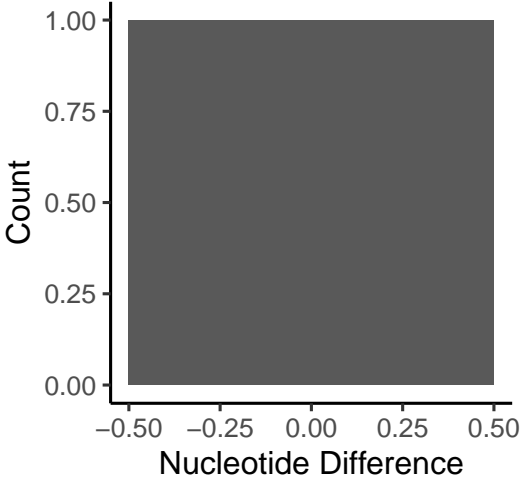
IGHV4-59*08

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



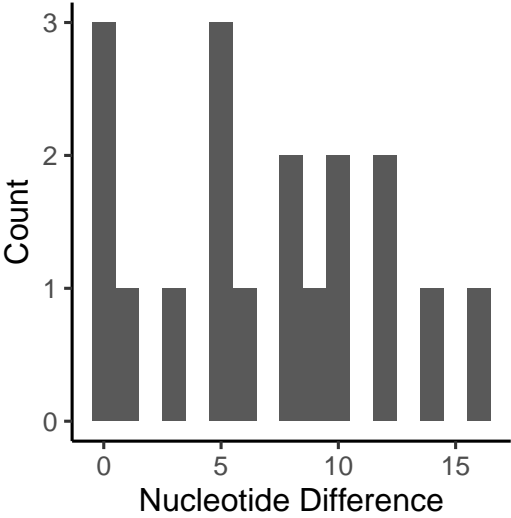
IGHV4-61*07

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



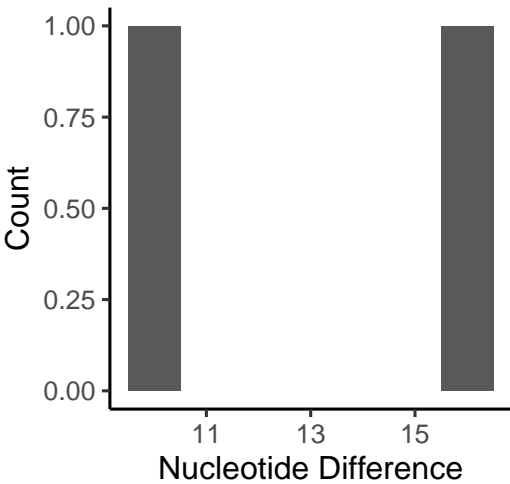
IGHV4-39*07

19 sequences assigned
3 (15.8%) exact matches, in which:
3 unique CDR3
2 unique J



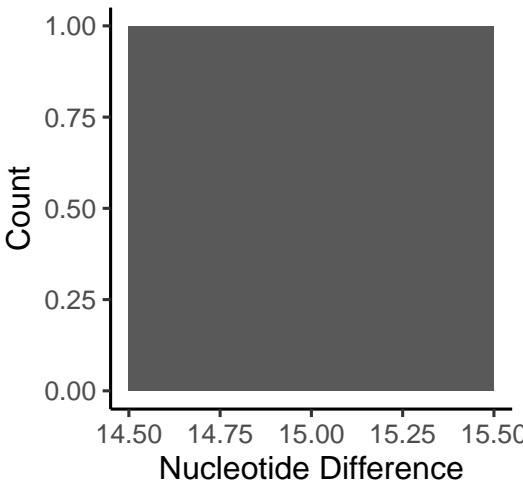
IGHV4-59*12

2 sequences assigned
No exact matches.



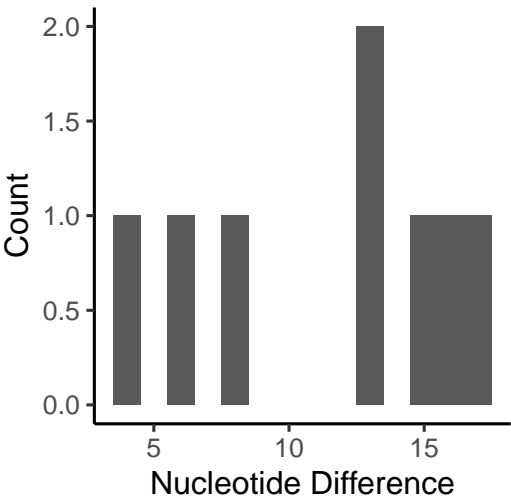
IGHV4-61*10

1 sequences assigned
No exact matches.



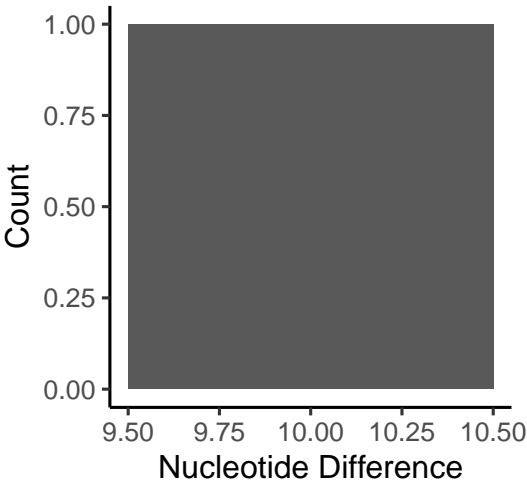
IGHV4-59*01

9 sequences assigned
No exact matches.



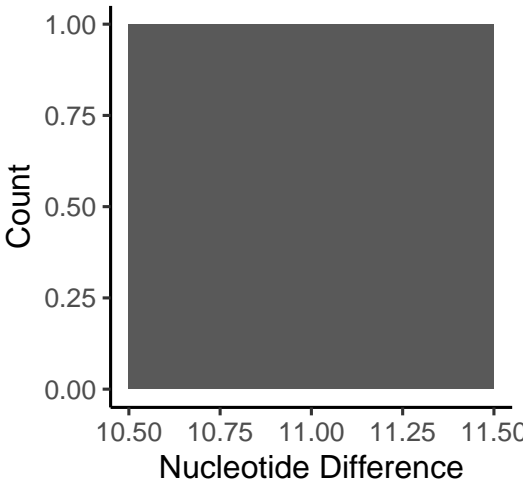
IGHV4-61*03

1 sequences assigned
No exact matches.



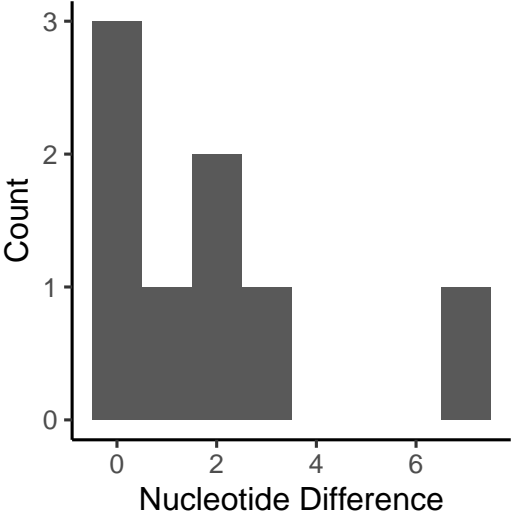
IGHV1/OR15-1*04

1 sequences assigned
No exact matches.



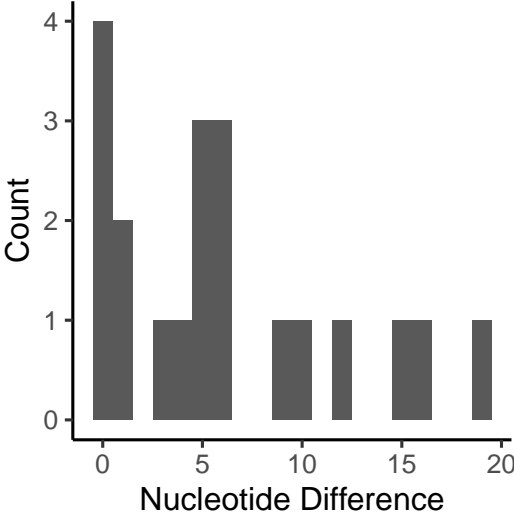
IGHV5-10-1*03

8 sequences assigned
3 (37.5%) exact matches, in which:
3 unique CDR3
2 unique J



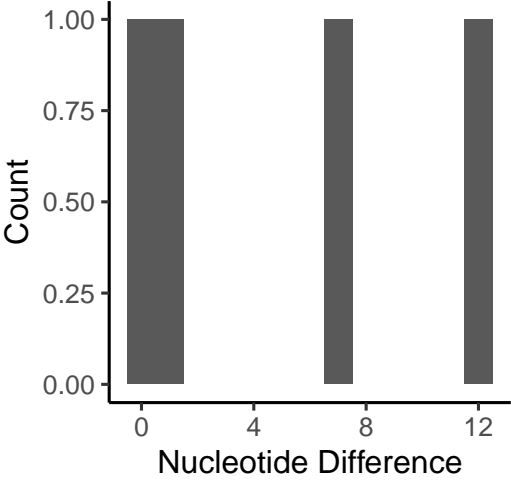
IGHV7-4-1*02

20 sequences assigned
4 (20%) exact matches, in which:
4 unique CDR3
3 unique J



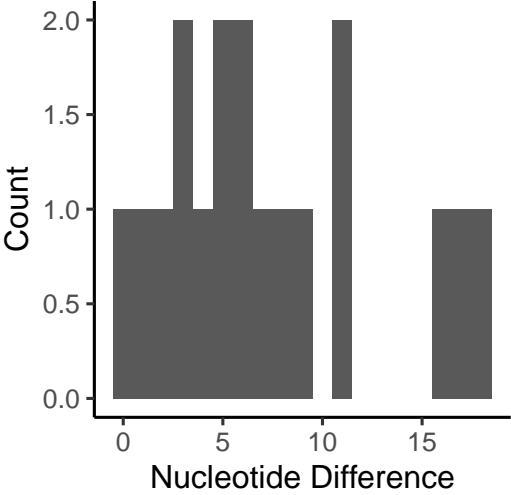
IGHV5-51*03

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



IGHV6-1*01

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





Warning – no inferred sequences found.