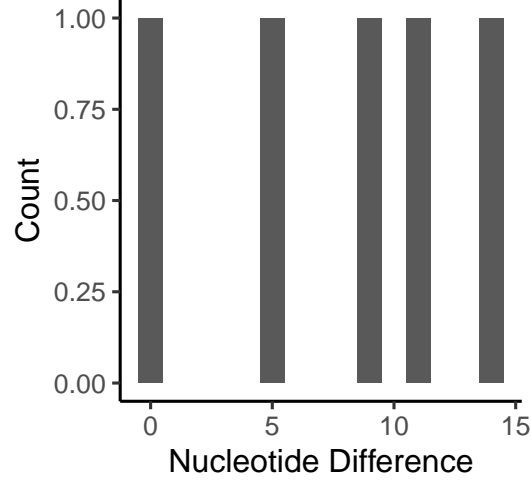


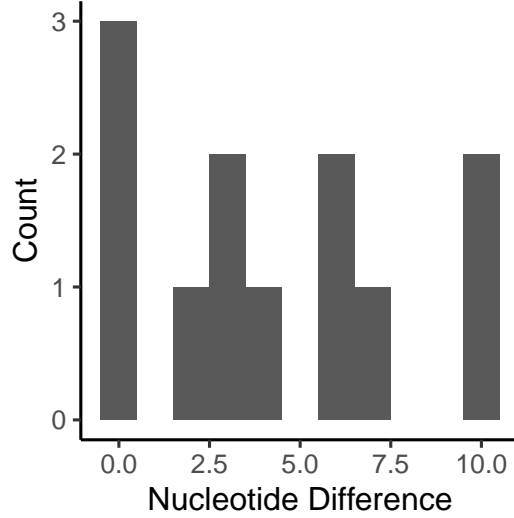
IGHV1-2*02

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



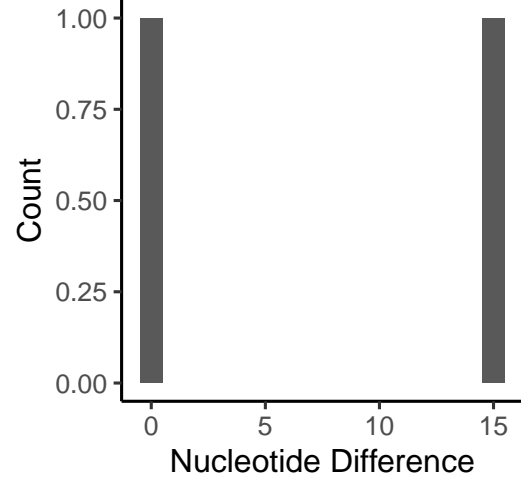
IGHV1-18*01

13 sequences assigned
3 (23.1%) exact matches, in which:
3 unique CDR3
2 unique J



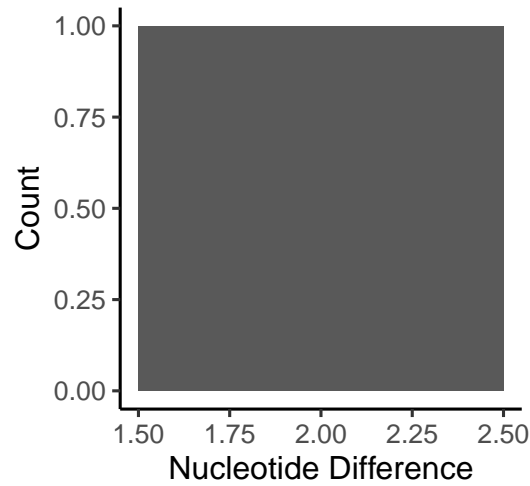
IGHV2-5*01

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



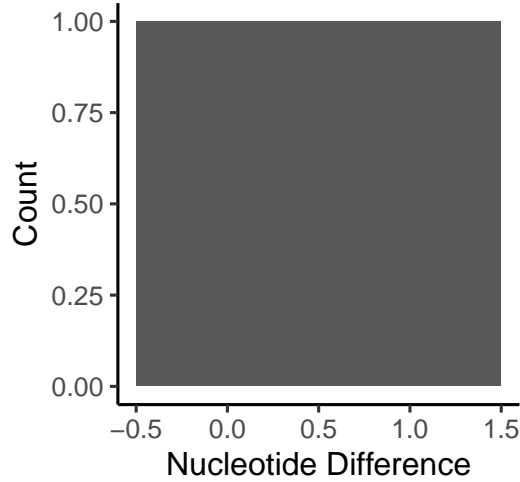
IGHV1-2*06

1 sequences assigned
No exact matches.



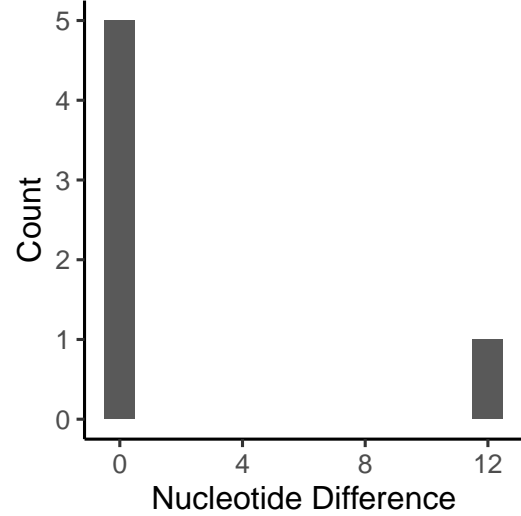
IGHV1-24*01

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



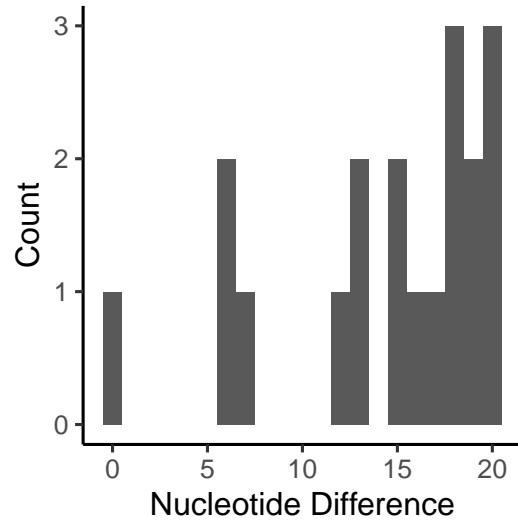
IGHV2-5*02

8 sequences assigned
5 (62.5%) exact matches, in which:
5 unique CDR3
4 unique J



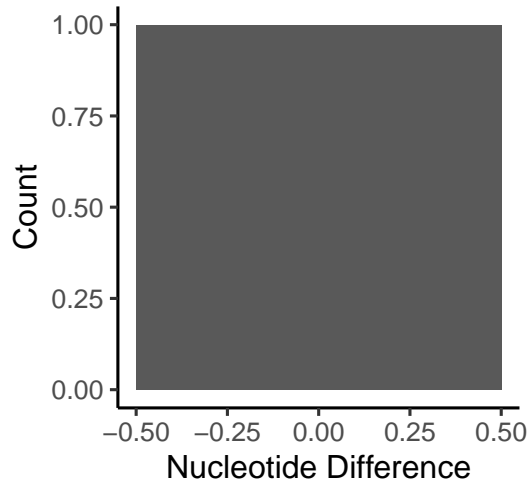
IGHV1-8*01

27 sequences assigned
1 (3.7%) exact matches, in which:
1 unique CDR3
1 unique J



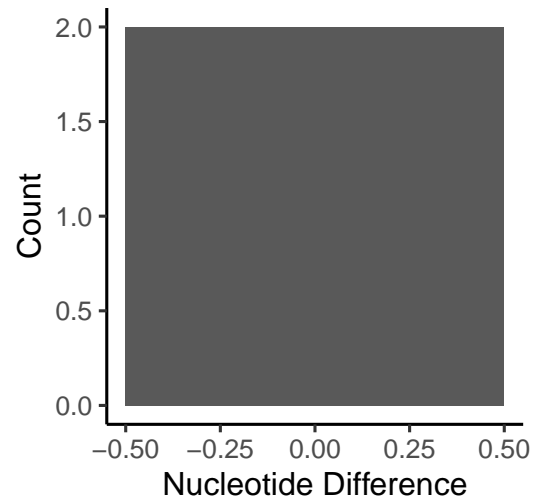
IGHV1-46*01

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



IGHV2-26*01

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



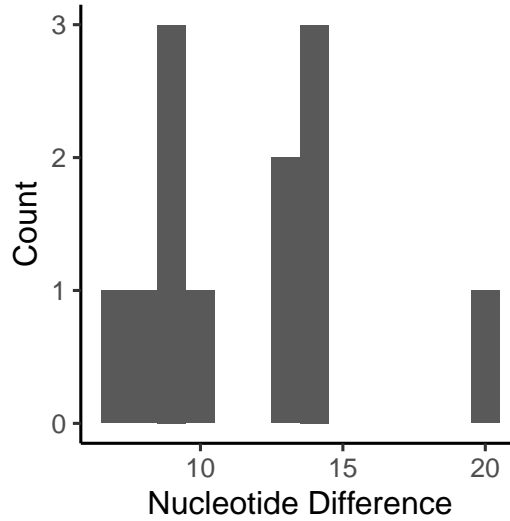
IGHV2-70*01

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



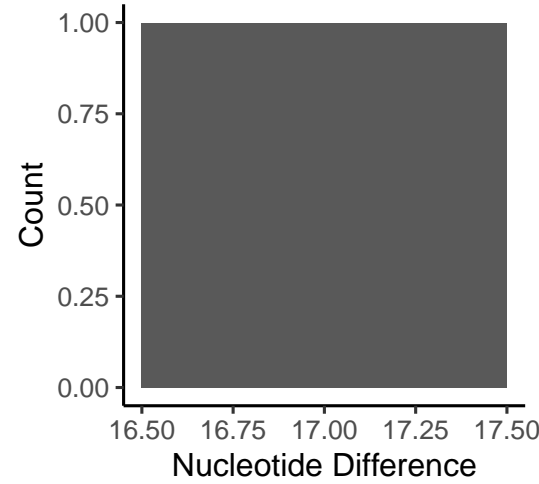
IGHV3-7*04

16 sequences assigned
No exact matches.



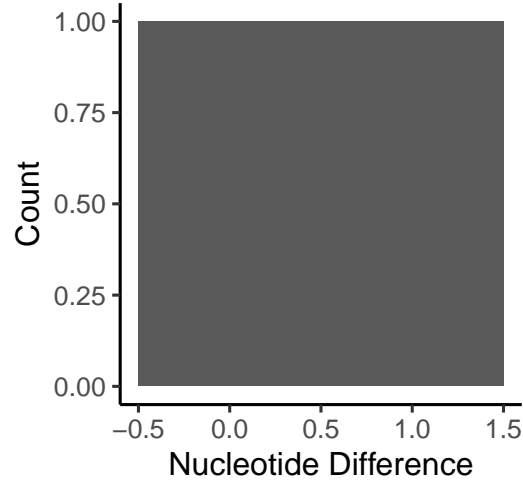
IGHV3-13*01

1 sequences assigned
No exact matches.



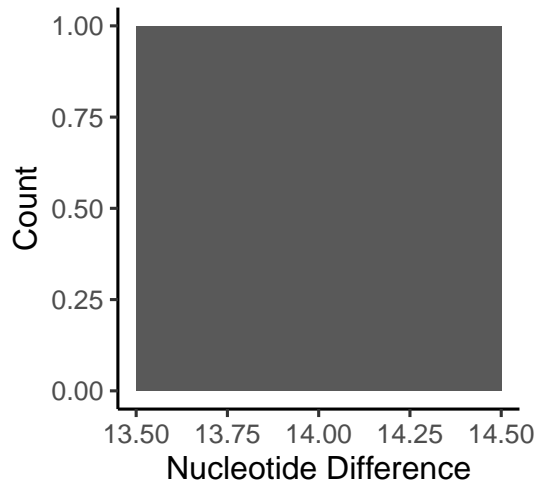
IGHV2-70*15

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



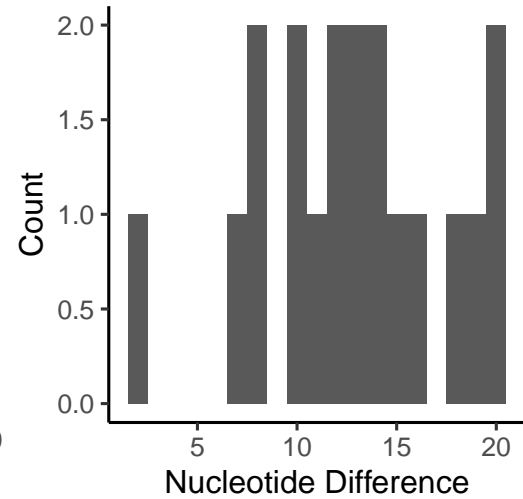
IGHV3-9*01

1 sequences assigned
No exact matches.



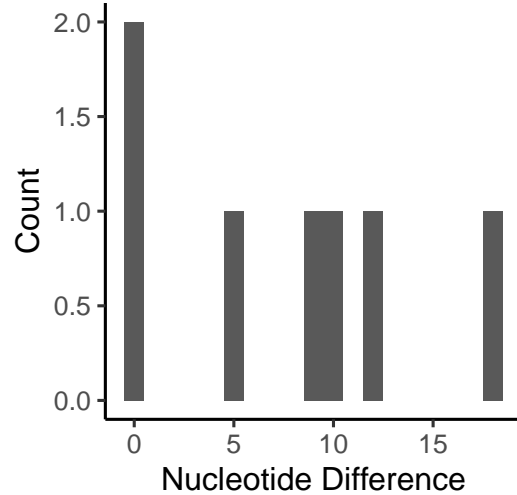
IGHV3-15*01

24 sequences assigned
No exact matches.



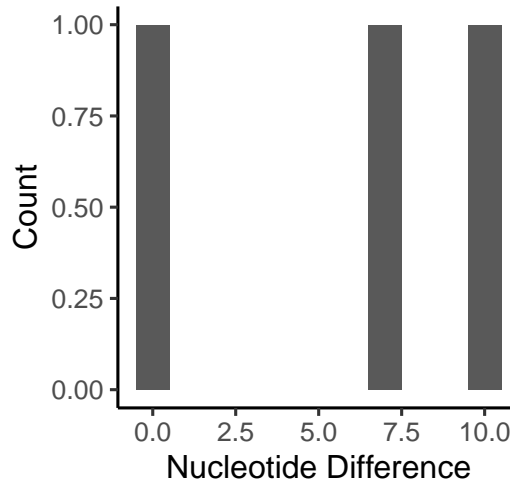
IGHV3-7*01

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



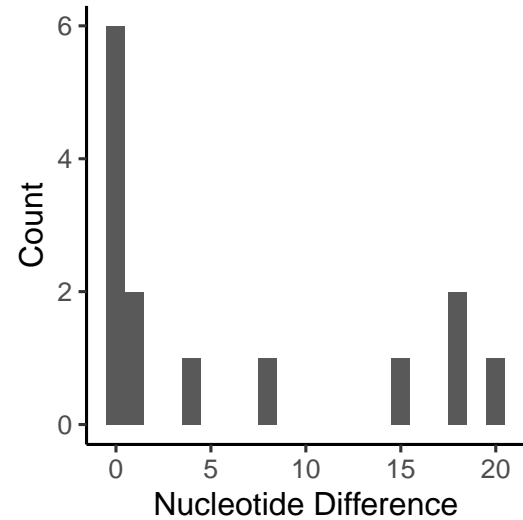
IGHV3-11*01

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



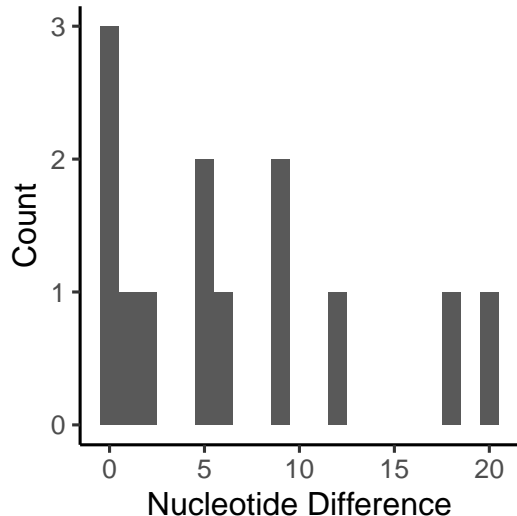
IGHV3-21*01

19 sequences assigned
6 (31.6%) exact matches, in which:
6 unique CDR3
5 unique J



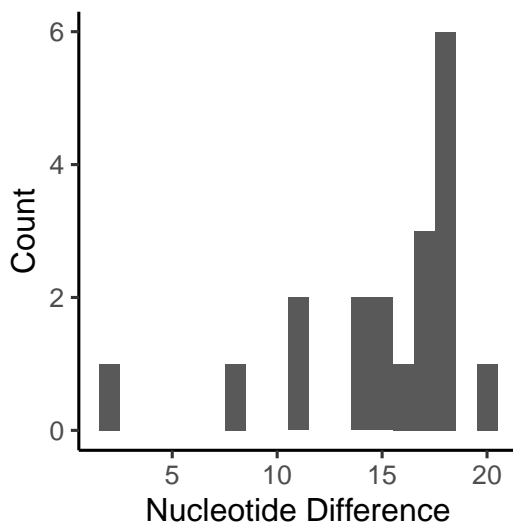
IGHV3-33*01

14 sequences assigned
3 (21.4%) exact matches, in which:
3 unique CDR3
3 unique J



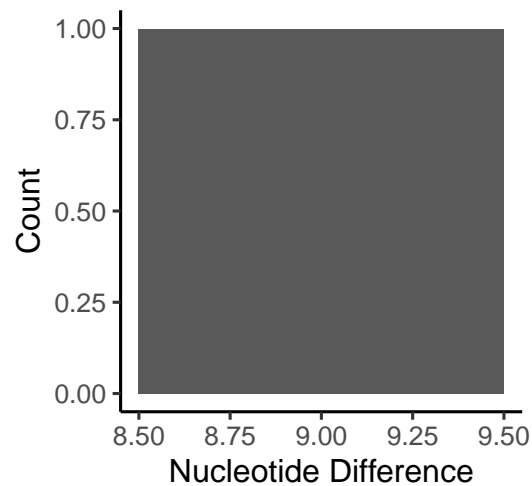
IGHV3-48*04

40 sequences assigned
No exact matches.



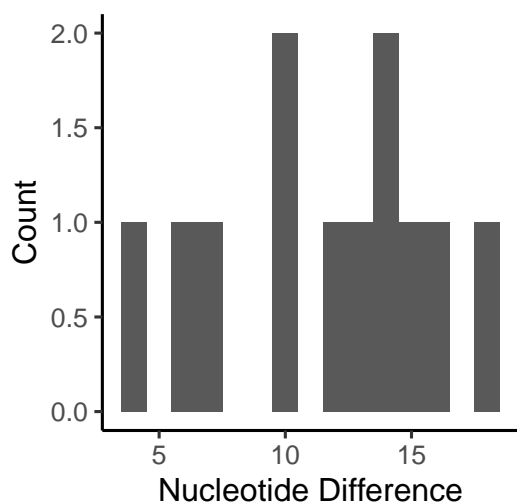
IGHV3-66*01

2 sequences assigned
No exact matches.



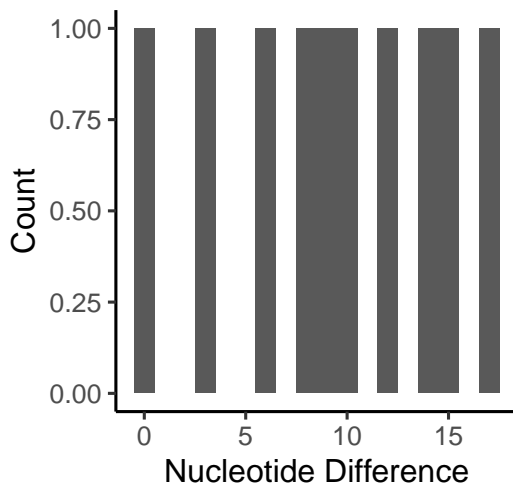
IGHV3-48*02

13 sequences assigned
No exact matches.



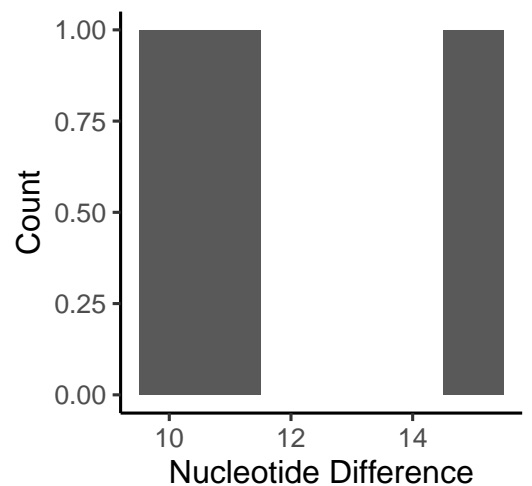
IGHV3-53*01

10 sequences assigned
1 (10%) exact matches, in which:
1 unique CDR3
1 unique J



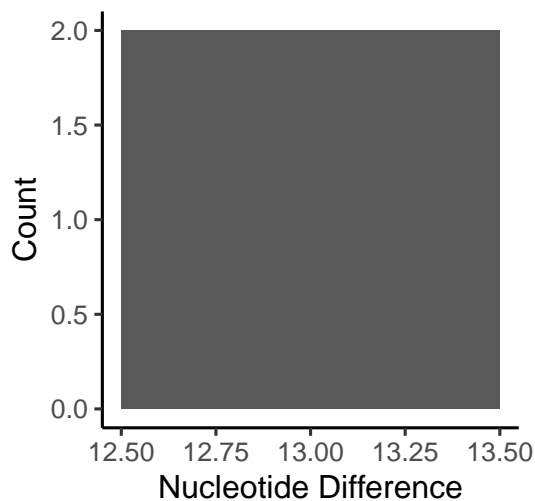
IGHV3-72*01

3 sequences assigned
No exact matches.



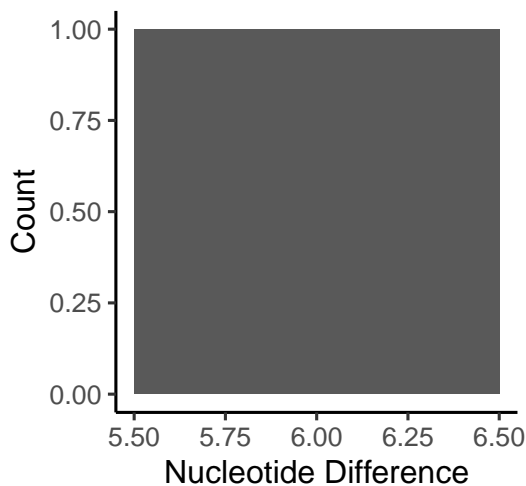
IGHV3-48*03

3 sequences assigned
No exact matches.



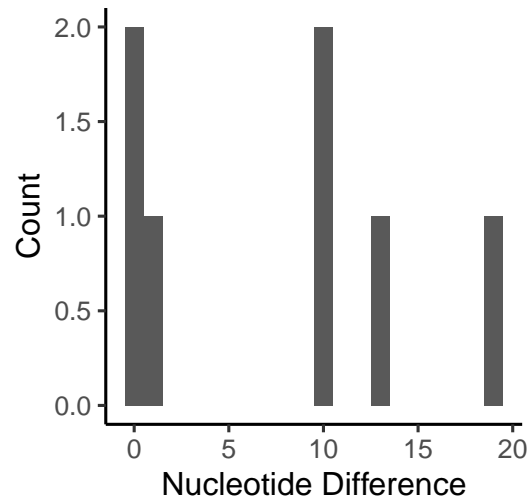
IGHV3-64*01

1 sequences assigned
No exact matches.



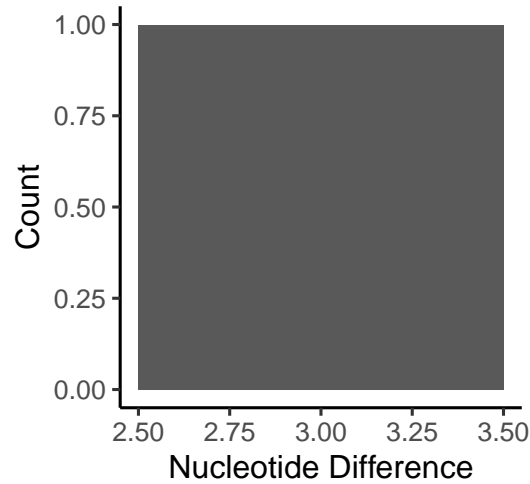
IGHV3-74*01

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



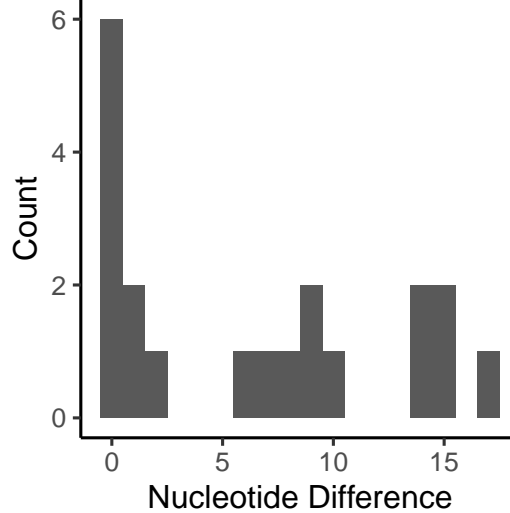
IGHV3-43D*03

1 sequences assigned
No exact matches.



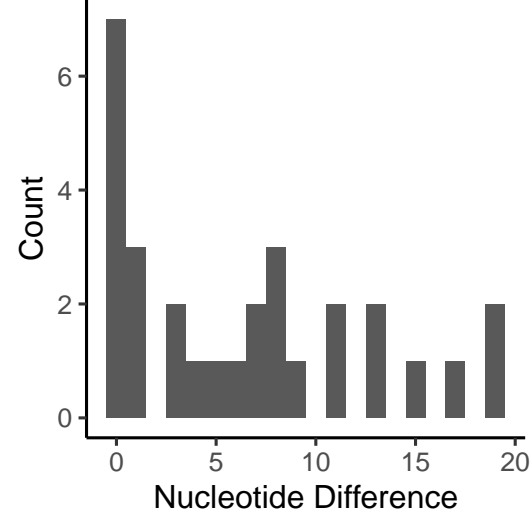
IGHV4-34*01

26 sequences assigned
6 (23.1%) exact matches, in which:
6 unique CDR3
4 unique J



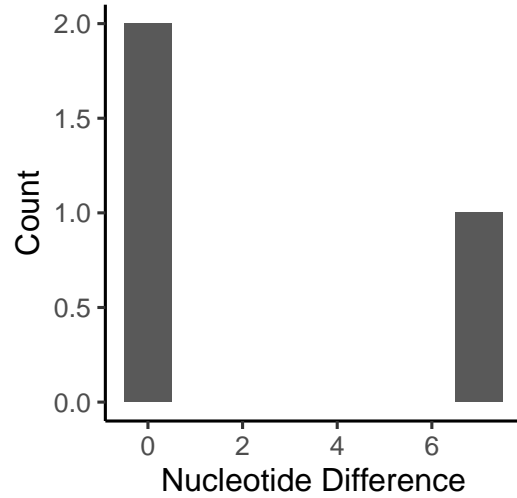
IGHV4-39*01

34 sequences assigned
7 (20.6%) exact matches, in which:
7 unique CDR3
3 unique J



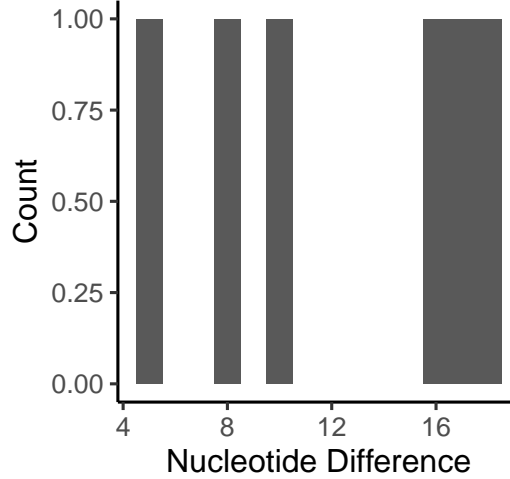
IGHV4-4*07

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



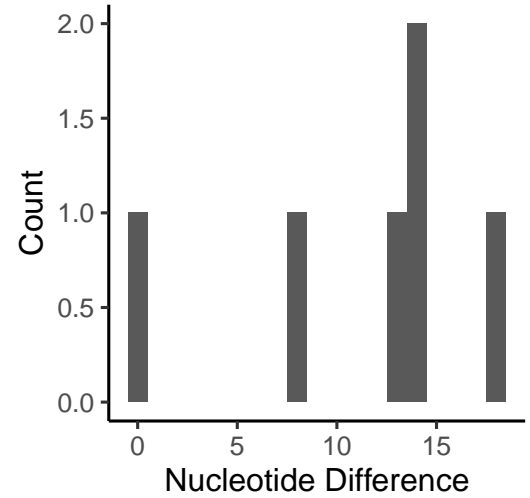
IGHV4-34*02

11 sequences assigned
No exact matches.



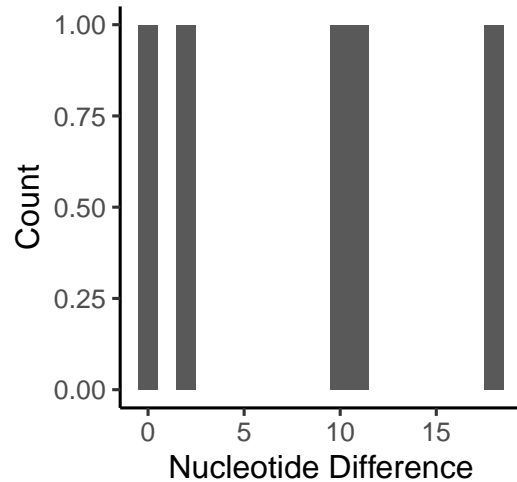
IGHV4-59*01

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



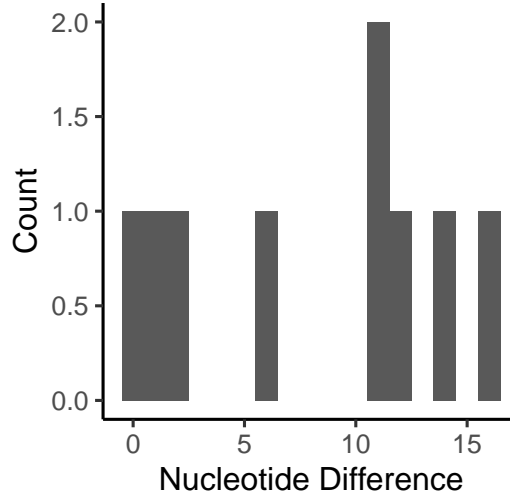
IGHV4-31*03

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



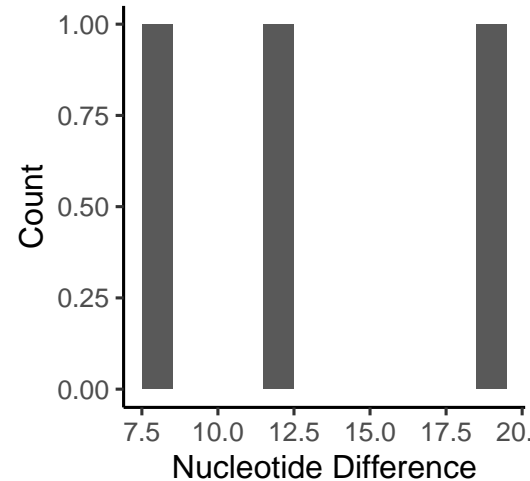
IGHV4-38-2*02

12 sequences assigned
1 (8.3%) exact matches, in which:
1 unique CDR3
1 unique J



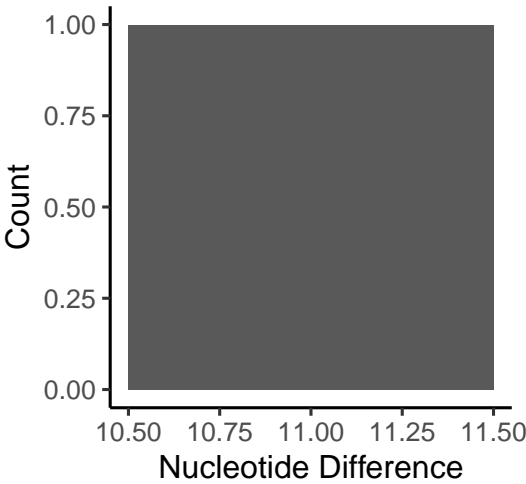
IGHV4-59*08

4 sequences assigned
No exact matches.



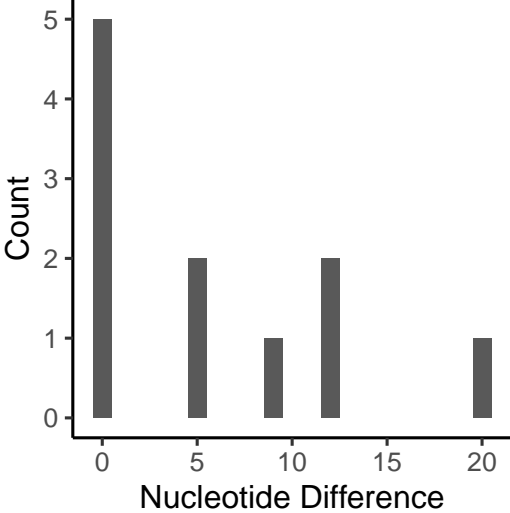
IGHV4-61*01

1 sequences assigned
No exact matches.



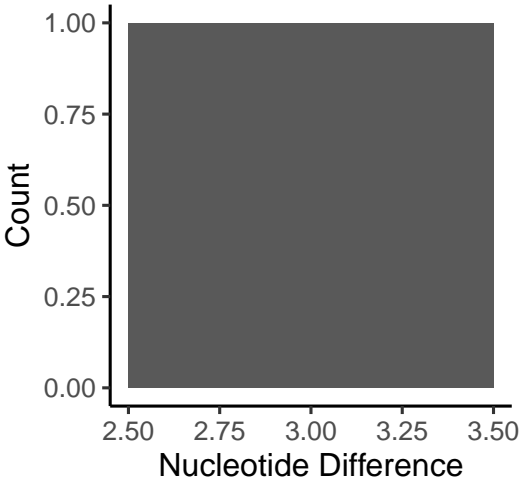
IGHV5-51*01

11 sequences assigned
5 (45.5%) exact matches, in which:
5 unique CDR3
3 unique J



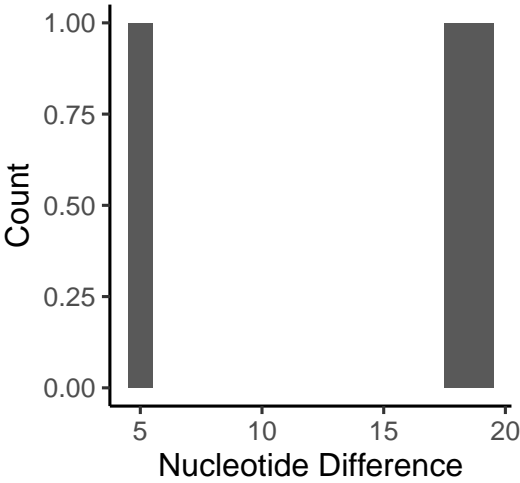
IGHV4-61*05

1 sequences assigned
No exact matches.



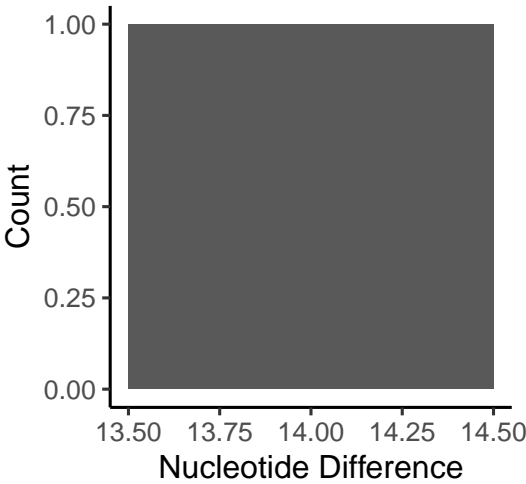
IGHV6-1*01

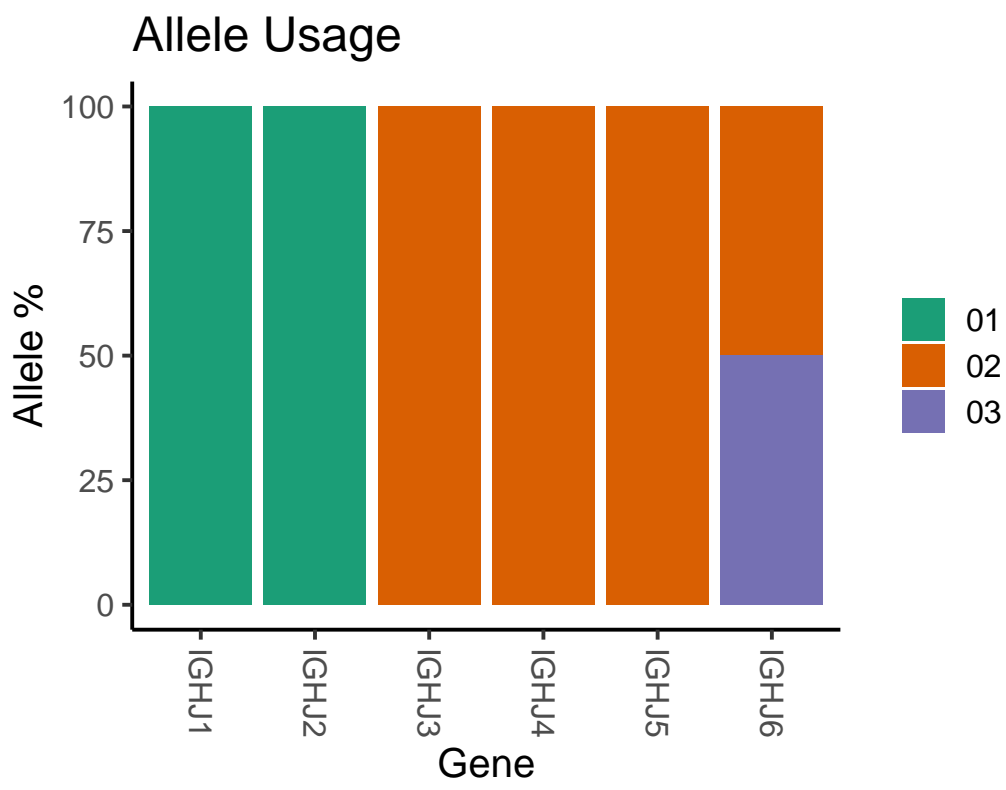
3 sequences assigned
No exact matches.



IGHV5-10-1*01

1 sequences assigned
No exact matches.





Sequence Count by IGHJ6 allele usage



Warning – no inferred sequences found.