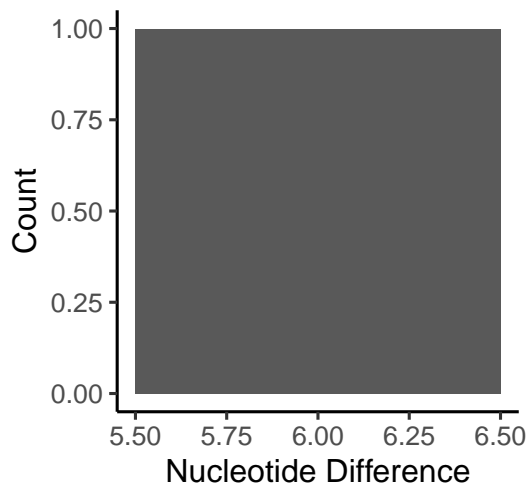


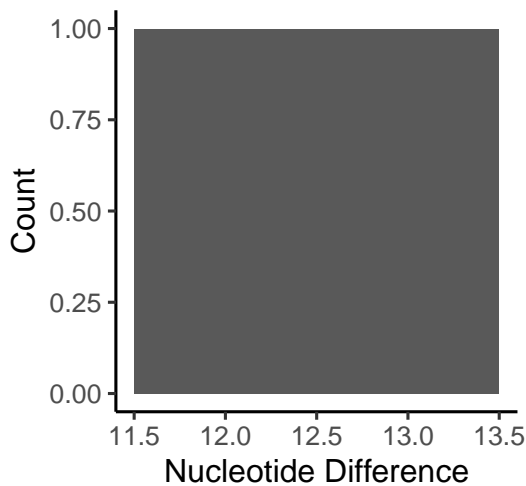
IGHV1-2*02

1 sequences assigned
No exact matches.



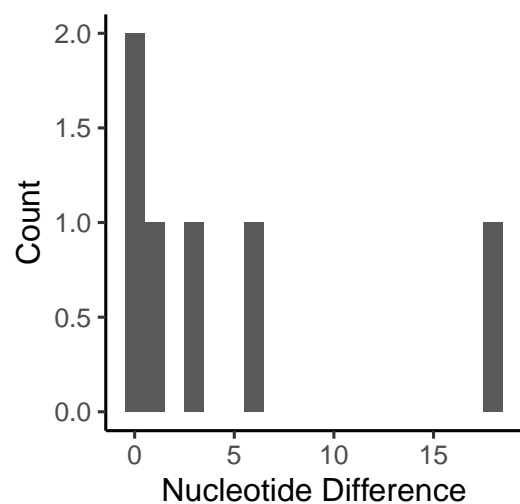
IGHV1-3*04

2 sequences assigned
No exact matches.



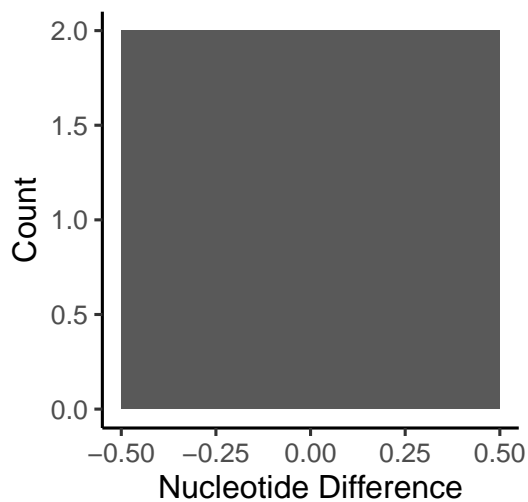
IGHV1-46*01

6 sequences assigned
2 (33.3%) exact matches, in which:
2 unique CDR3
2 unique J



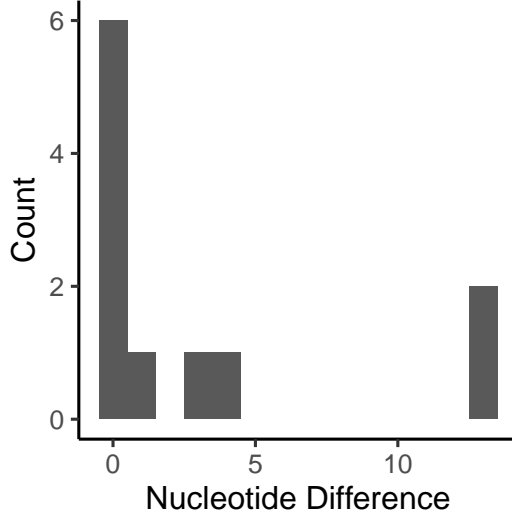
IGHV1-2*04

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



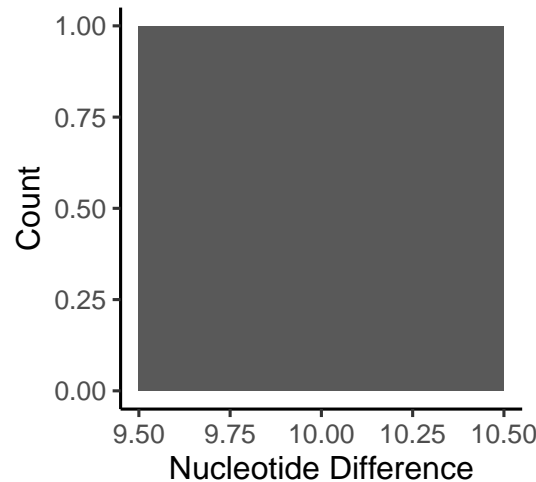
IGHV1-18*01

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



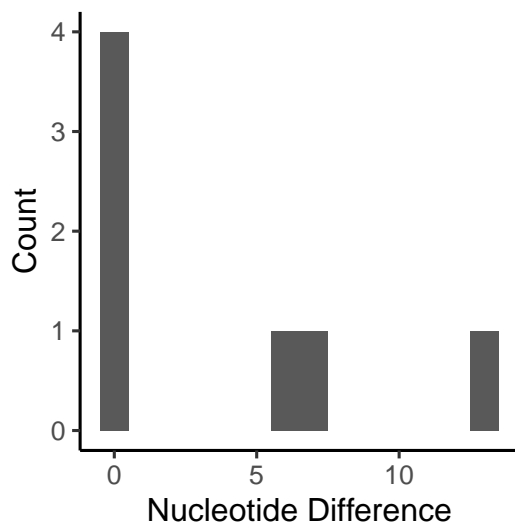
IGHV1-46*04

2 sequences assigned
No exact matches.



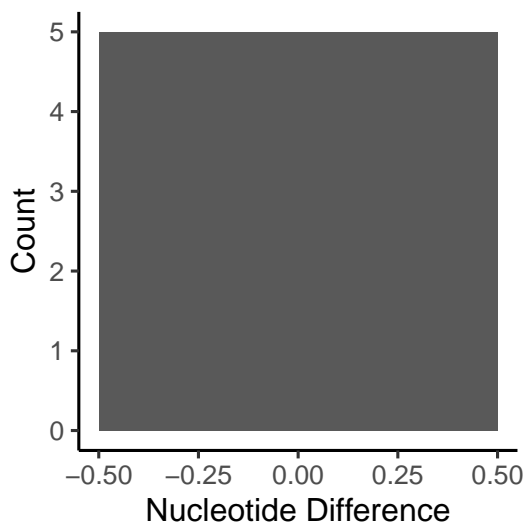
IGHV1-3*01

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
2 unique J



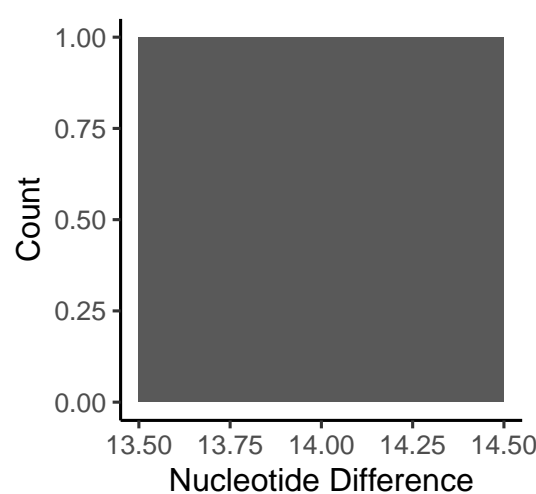
IGHV1-24*01

5 sequences assigned
5 (100%) exact matches, in which:
5 unique CDR3
2 unique J



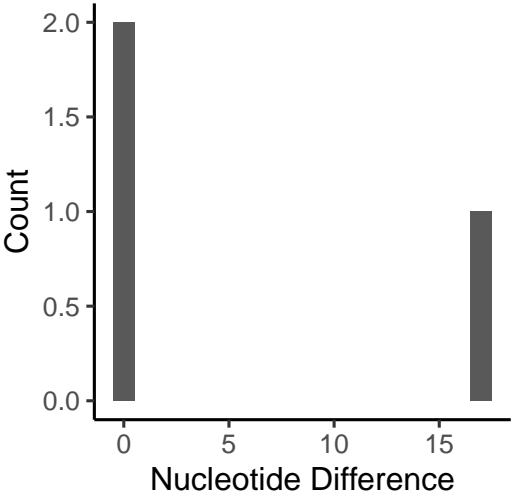
IGHV1-58*02

1 sequences assigned
No exact matches.



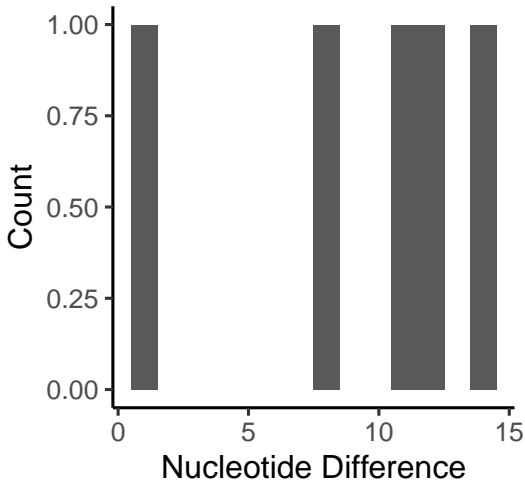
IGHV1-69*04

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



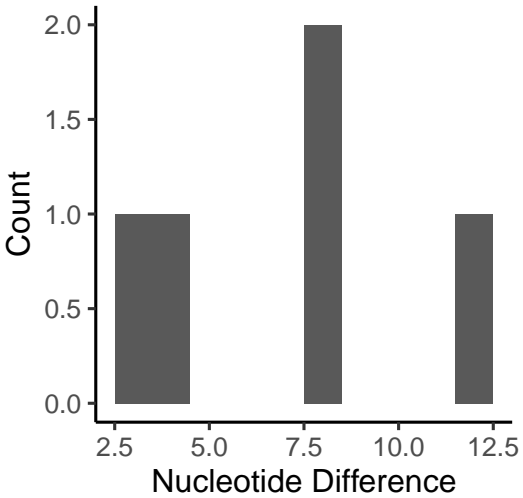
IGHV3-7*03

8 sequences assigned
No exact matches.



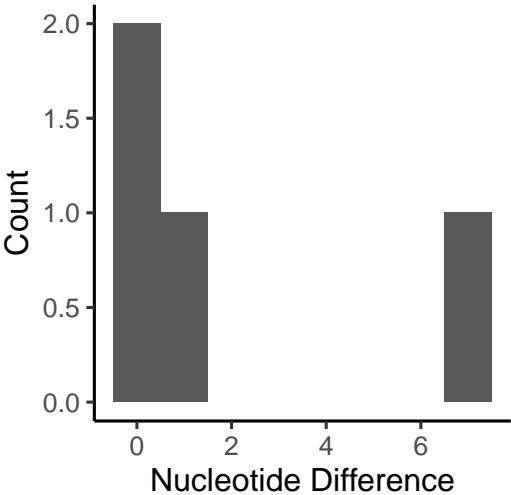
IGHV3-15*07

5 sequences assigned
No exact matches.



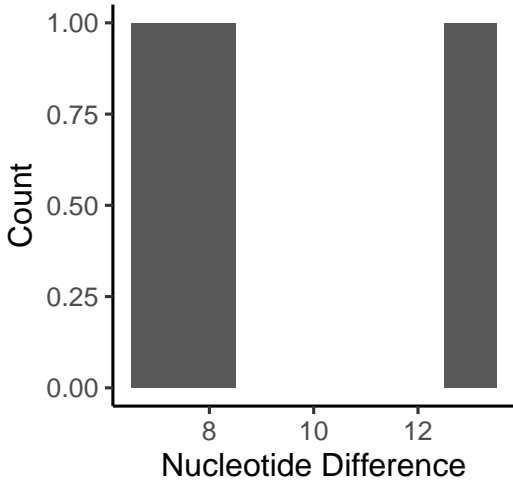
IGHV2-5*02

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



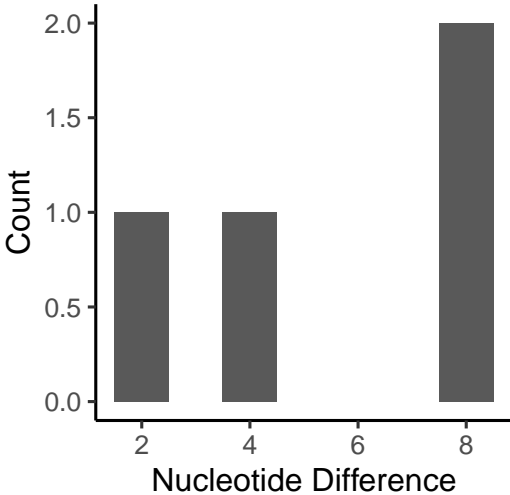
IGHV3-11*05

3 sequences assigned
No exact matches.



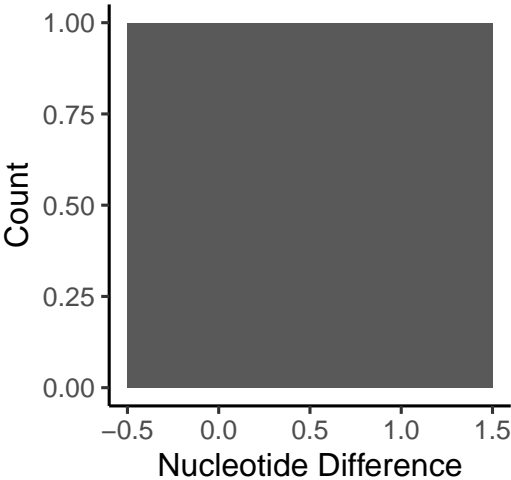
IGHV3-21*01

4 sequences assigned
No exact matches.



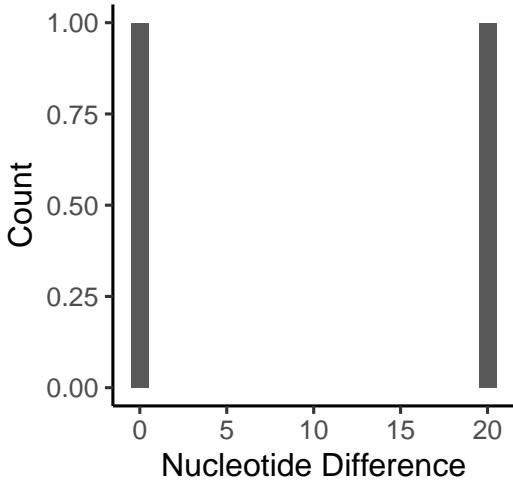
IGHV2-70*01

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



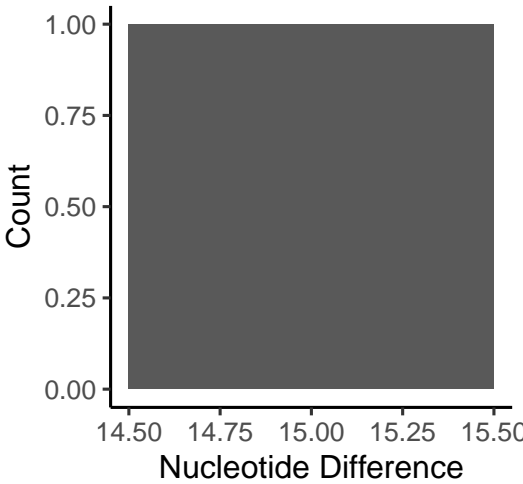
IGHV3-15*01

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



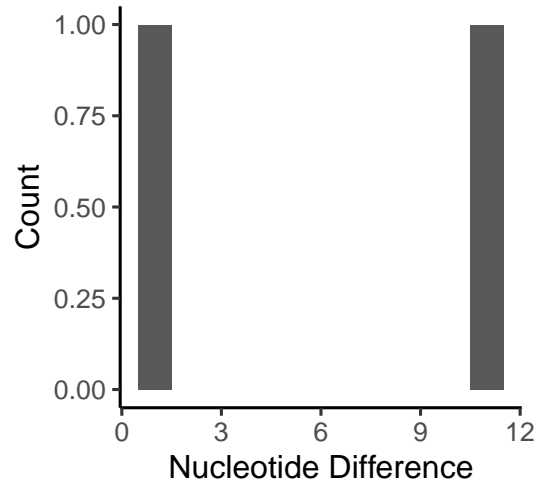
IGHV3-23*04

1 sequences assigned
No exact matches.



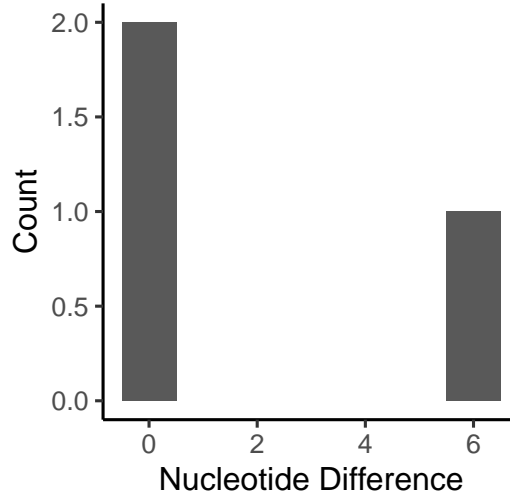
IGHV3-43*01

2 sequences assigned
No exact matches.



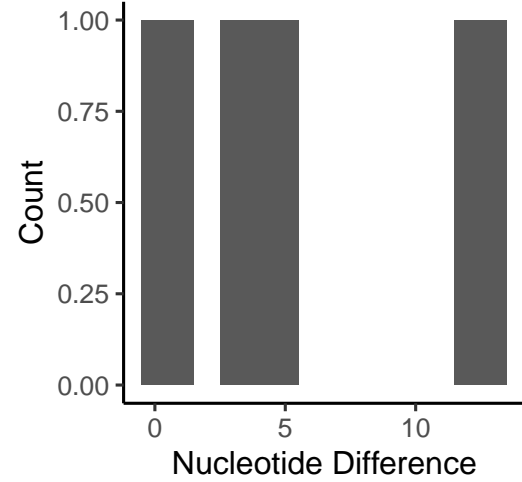
IGHV3-53*01

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



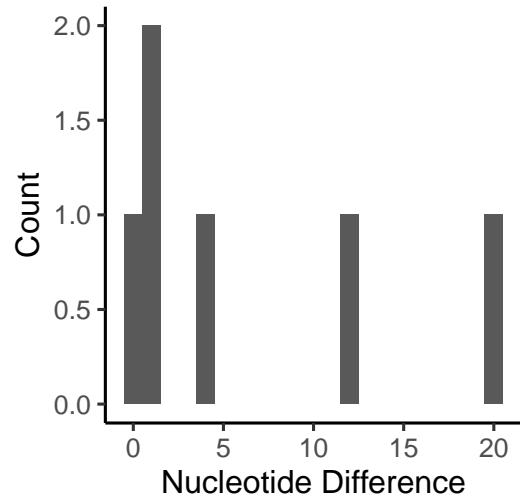
IGHV3-74*01

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



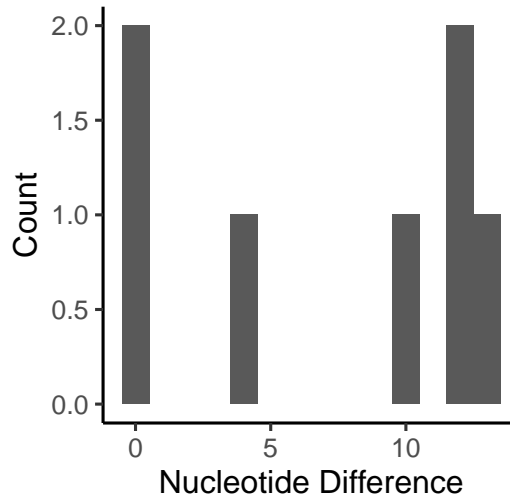
IGHV3-48*02

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



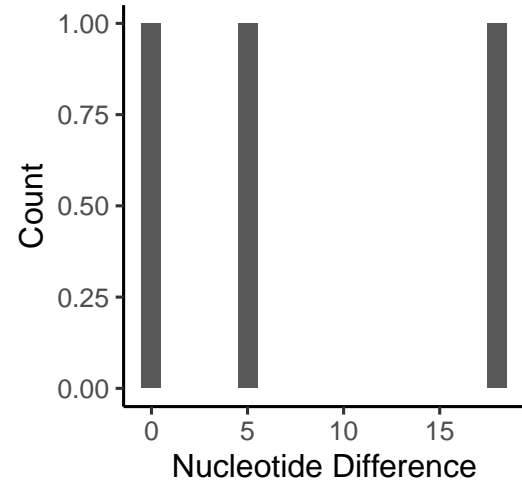
IGHV3-66*01

7 sequences assigned
2 (28.6%) exact matches, in which:
1 unique CDR3
1 unique J



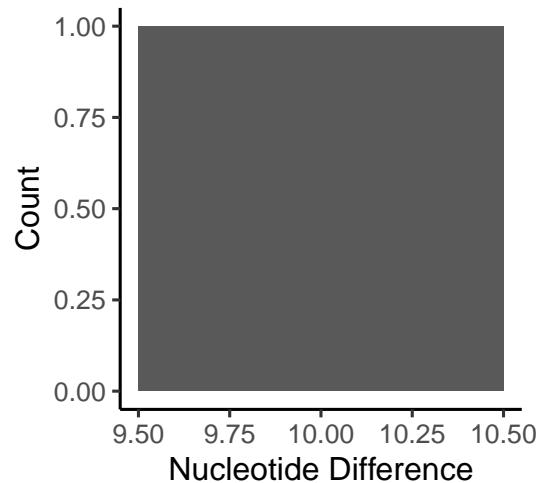
IGHV3-64D*06

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



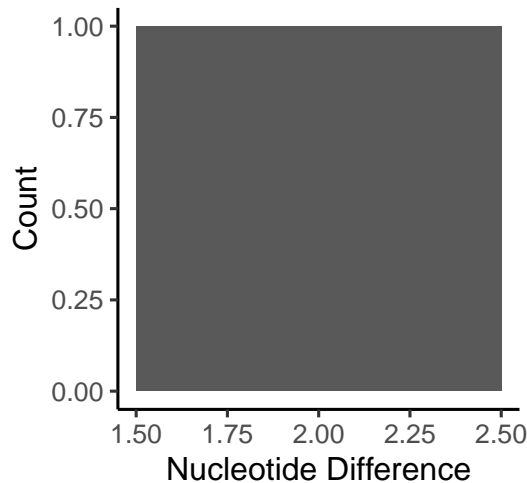
IGHV3-49*03

1 sequences assigned
No exact matches.



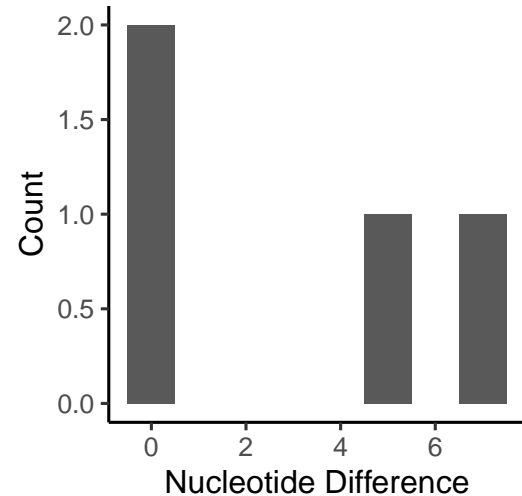
IGHV3-72*01

1 sequences assigned
No exact matches.



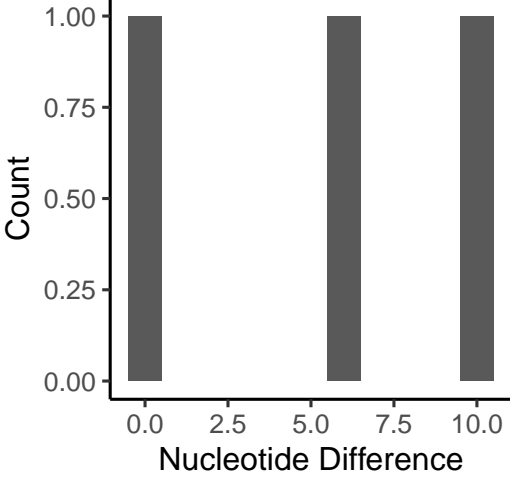
IGHV4-4*02

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



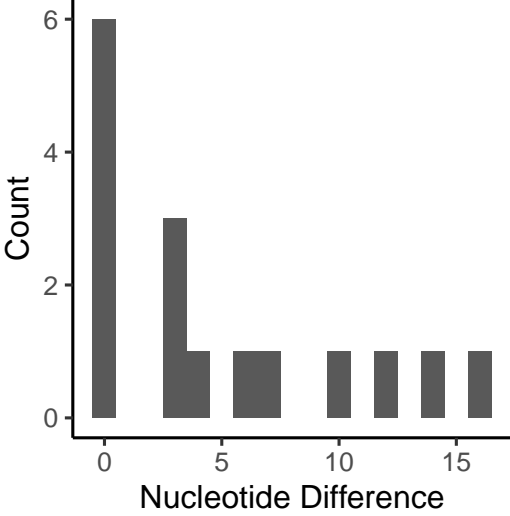
IGHV4-30-2*01

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



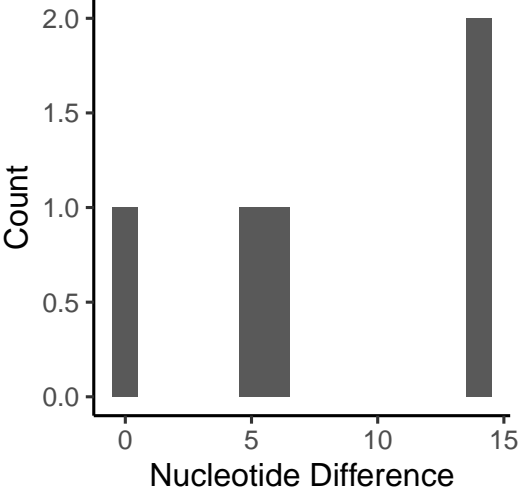
IGHV4-39*01

16 sequences assigned
6 (37.5%) exact matches, in which:
6 unique CDR3
3 unique J



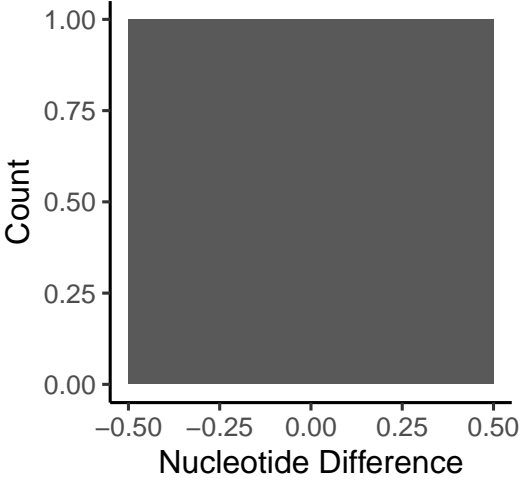
IGHV4-59*01

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



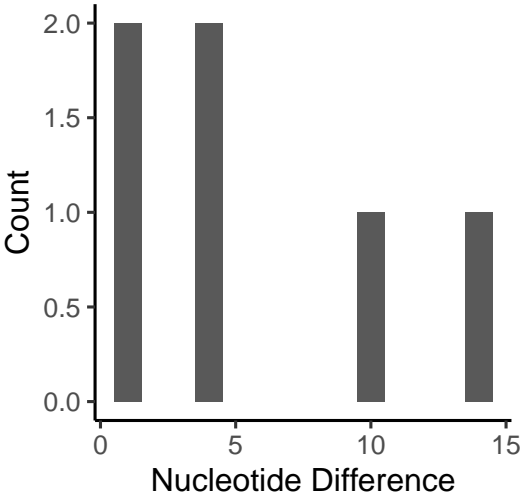
IGHV4-30-4*07

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



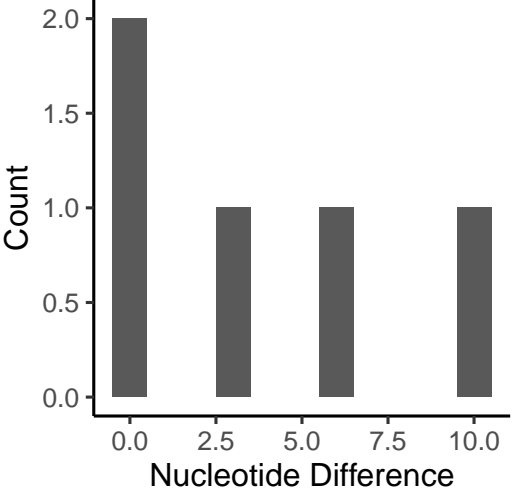
IGHV4-39*07

6 sequences assigned
No exact matches.



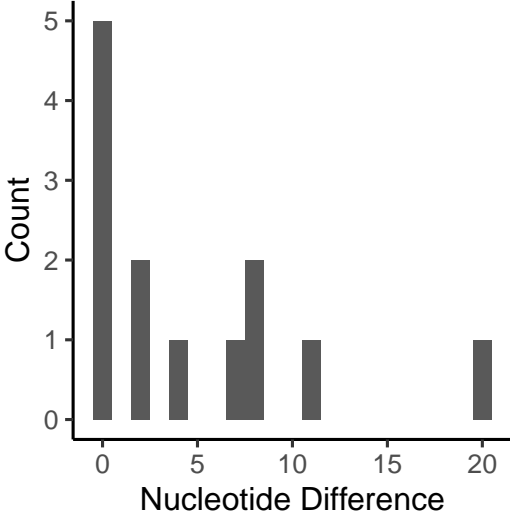
IGHV4-59*08

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



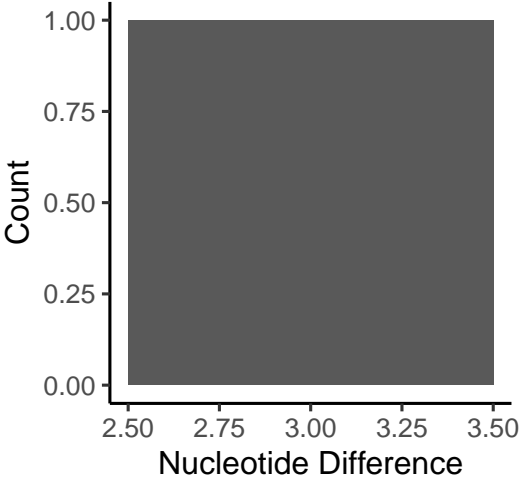
IGHV4-34*01

13 sequences assigned
5 (38.5%) exact matches, in which:
5 unique CDR3
1 unique J



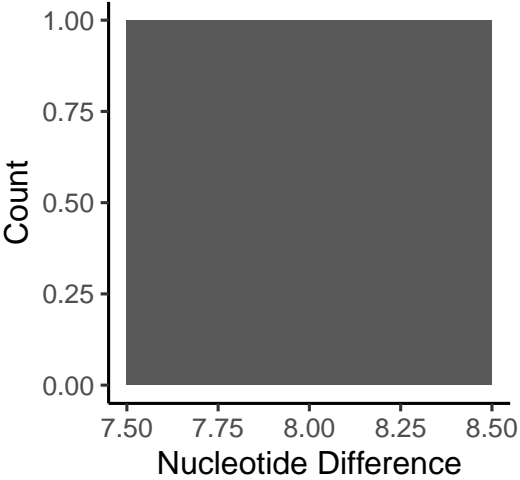
IGHV4-55*01

1 sequences assigned
No exact matches.



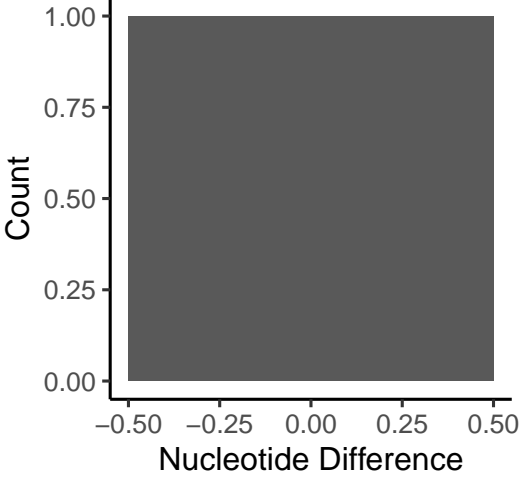
IGHV4-59*11

1 sequences assigned
No exact matches.



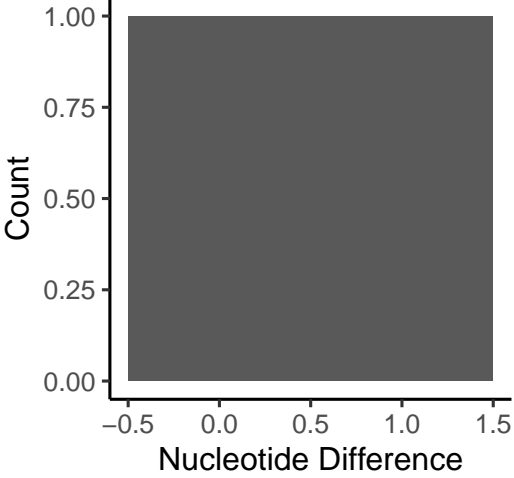
IGHV5-10-1*01

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



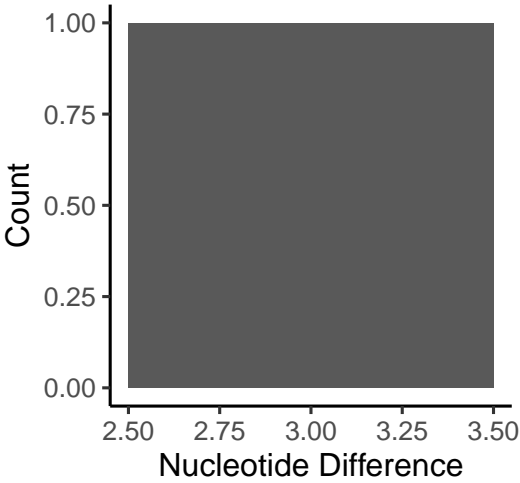
IGHV6-1*01

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



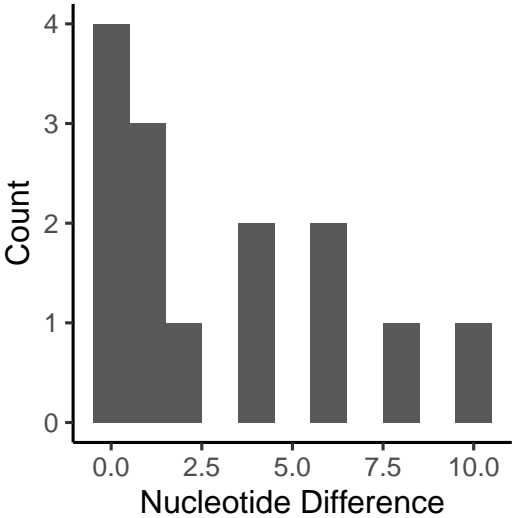
IGHV5-10-1*03

1 sequences assigned
No exact matches.



IGHV5-51*01

14 sequences assigned
4 (28.6%) exact matches, in which:
4 unique CDR3
2 unique J





Warning – no inferred sequences found.