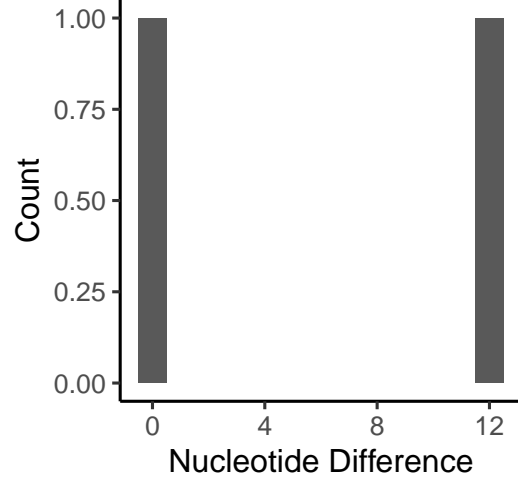


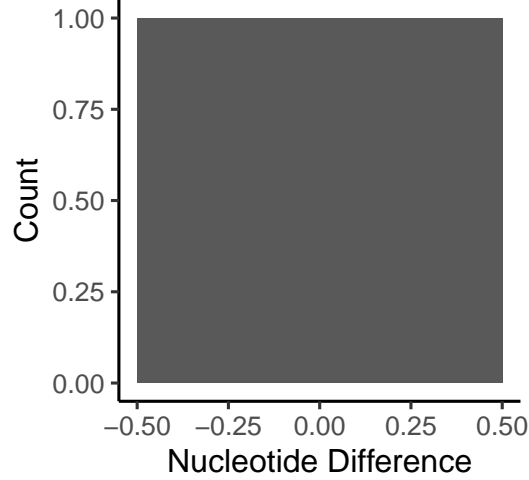
IGHV1-2*04

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



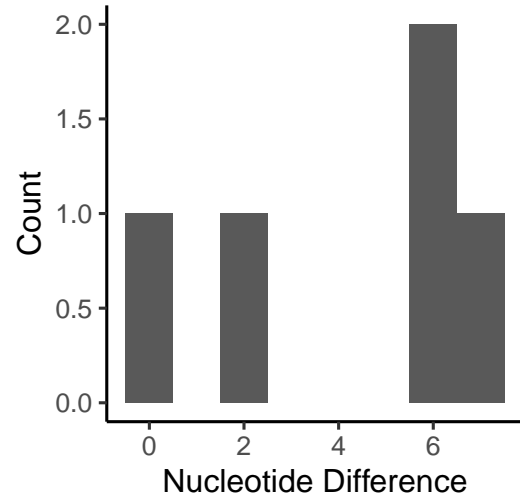
IGHV1-24*01

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



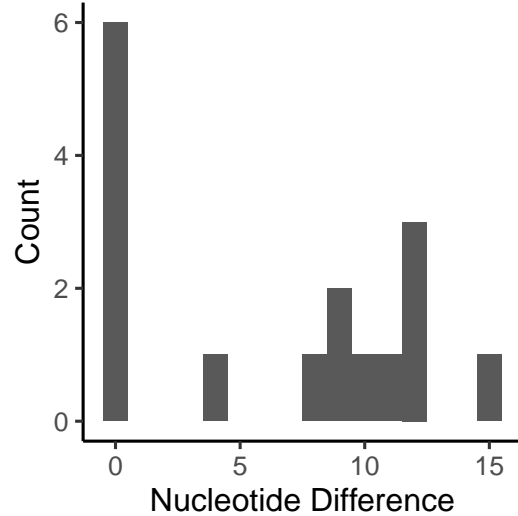
IGHV2-5*02

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



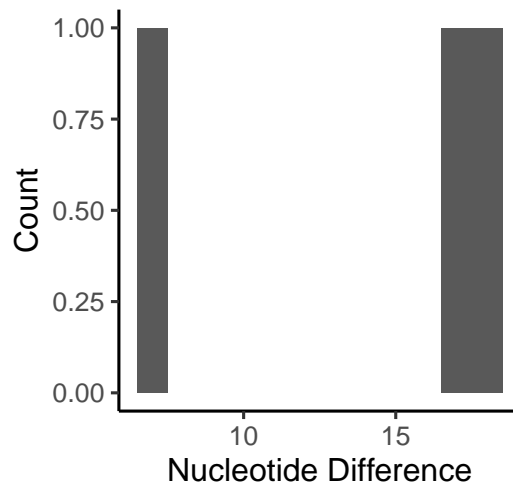
IGHV1-3*01

17 sequences assigned
6 (35.3%) exact matches, in which:
6 unique CDR3
2 unique J



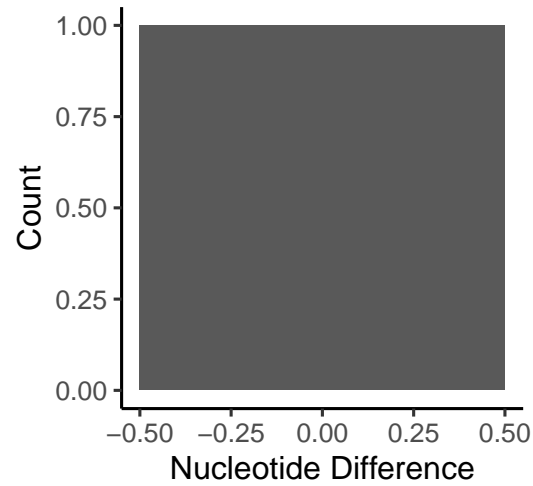
IGHV1-46*01

5 sequences assigned
No exact matches.



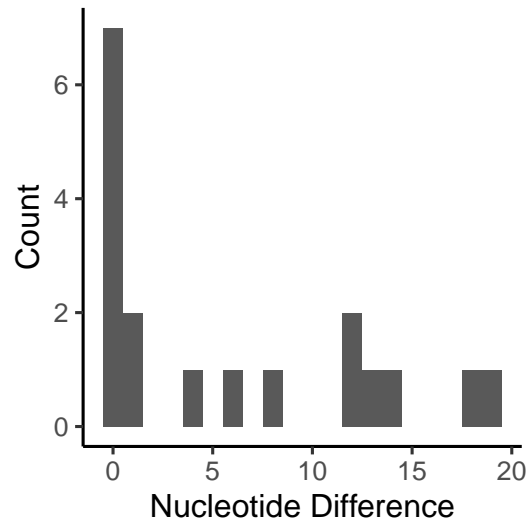
IGHV2-70*01

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



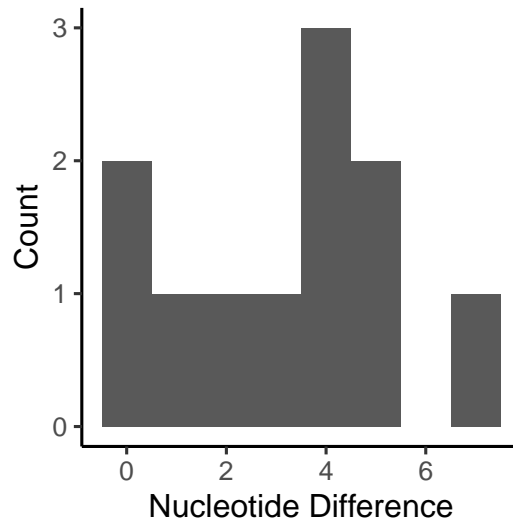
IGHV1-18*01

19 sequences assigned
7 (36.8%) exact matches, in which:
7 unique CDR3
4 unique J



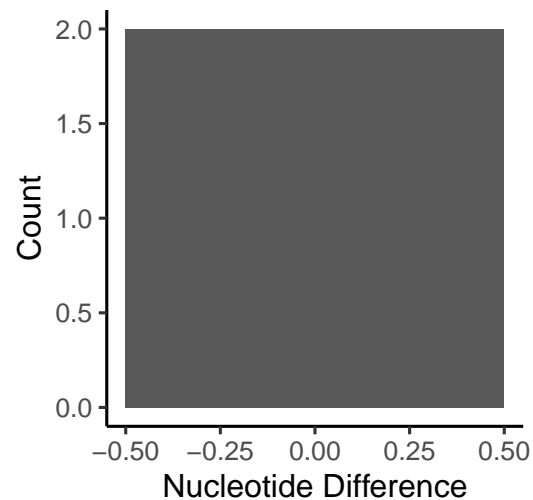
IGHV2-5*01

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



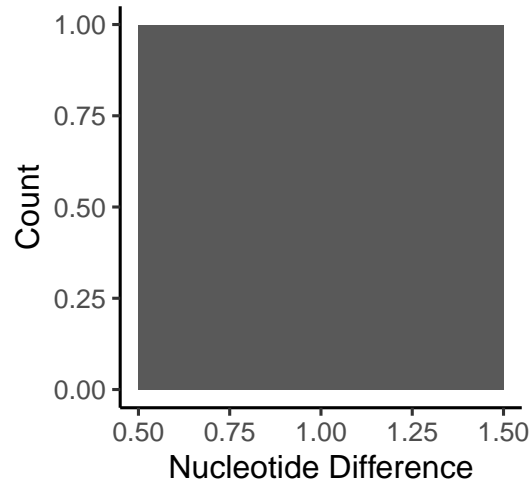
IGHV2-70*15

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



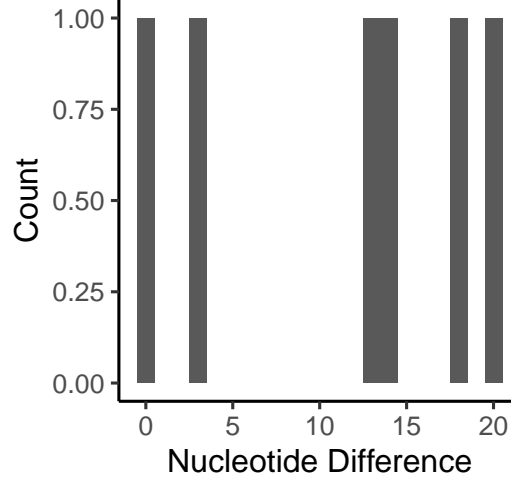
IGHV3-7*01

1 sequences assigned
No exact matches.



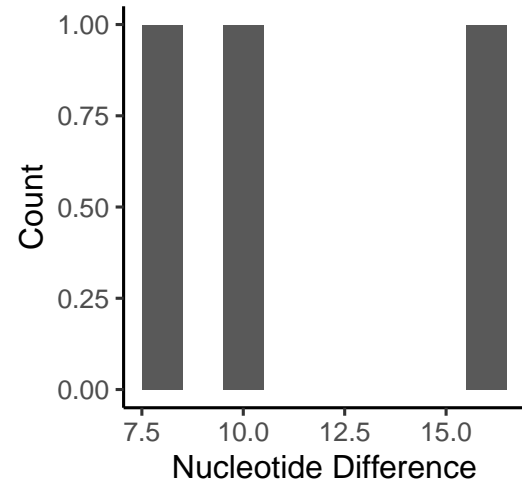
IGHV3-15*07

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



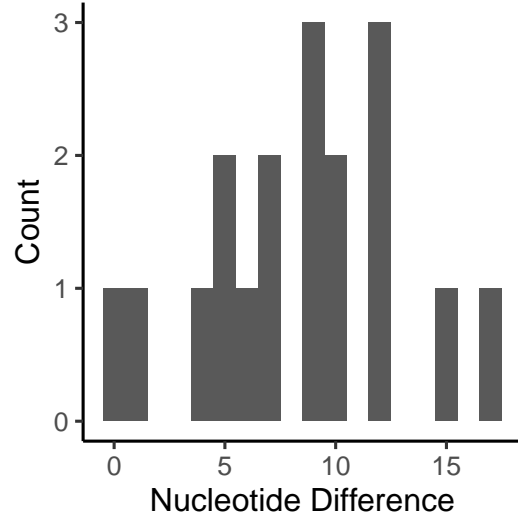
IGHV3-30*03

3 sequences assigned
No exact matches.



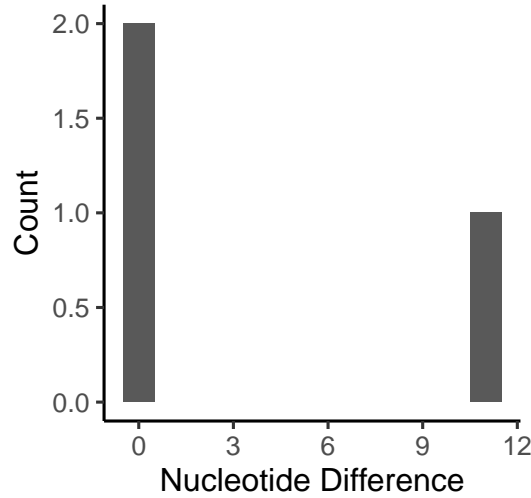
IGHV3-7*03

21 sequences assigned
1 (4.8%) exact matches, in which:
1 unique CDR3
1 unique J



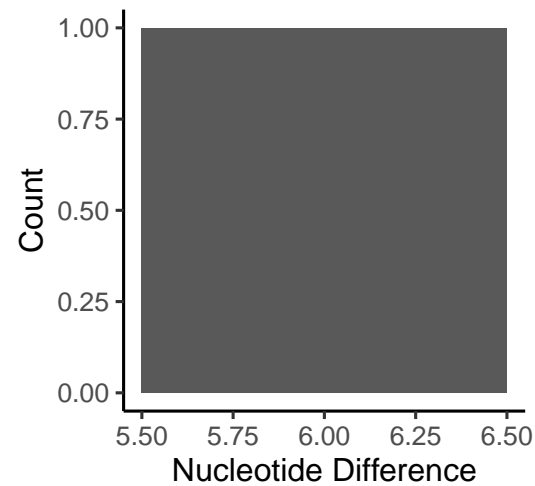
IGHV3-20*04

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



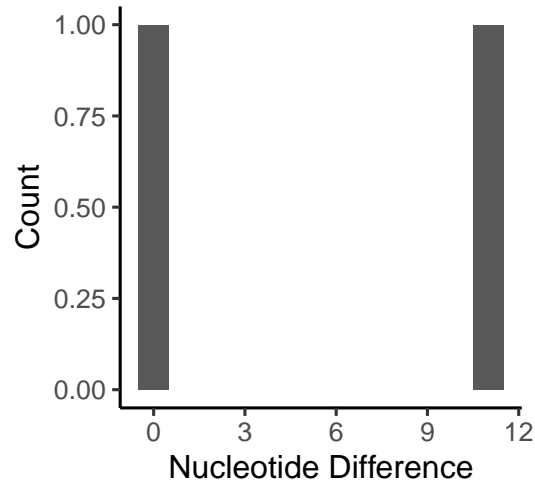
IGHV3-33*06

1 sequences assigned
No exact matches.



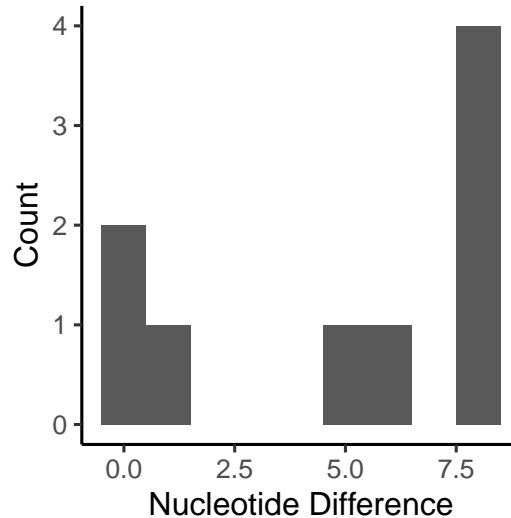
IGHV3-11*05

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



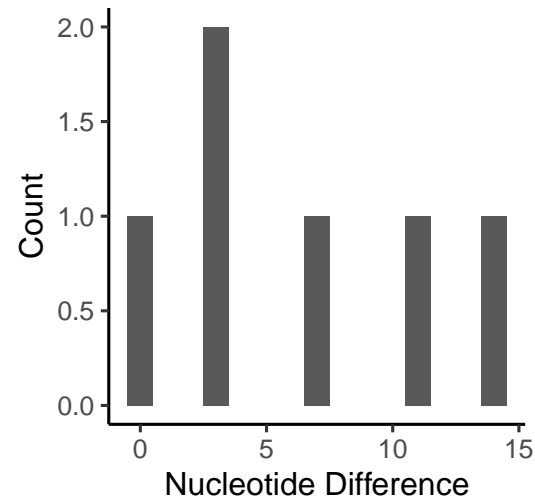
IGHV3-21*01

9 sequences assigned
2 (22.2%) exact matches, in which:
2 unique CDR3
1 unique J



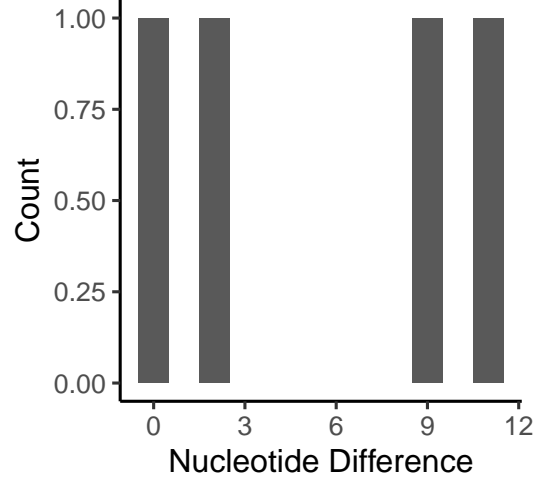
IGHV3-48*02

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



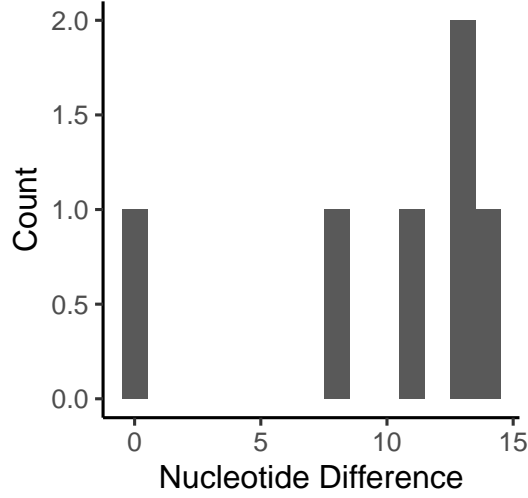
IGHV3-48*04

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



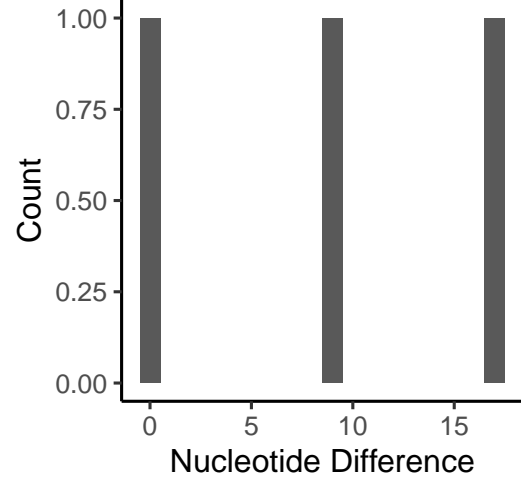
IGHV3-66*01

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



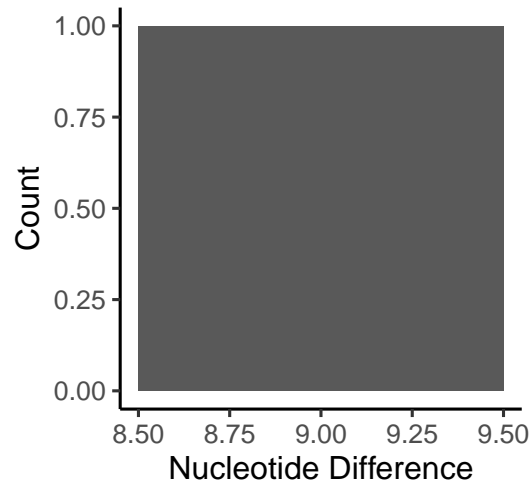
IGHV3-64D*06

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



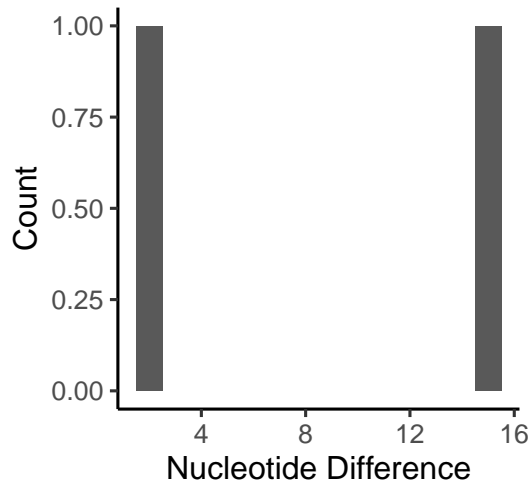
IGHV3-49*03

1 sequences assigned
No exact matches.



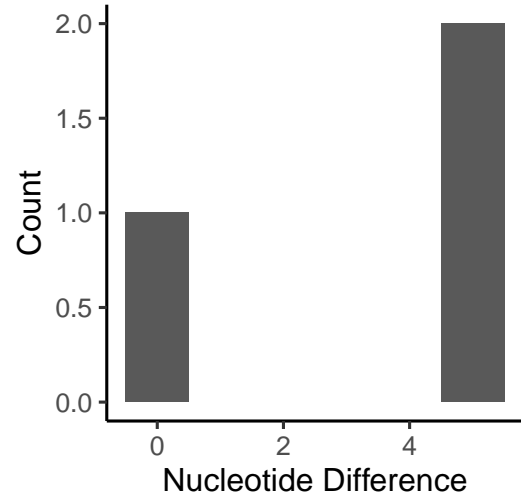
IGHV3-72*01

2 sequences assigned
No exact matches.



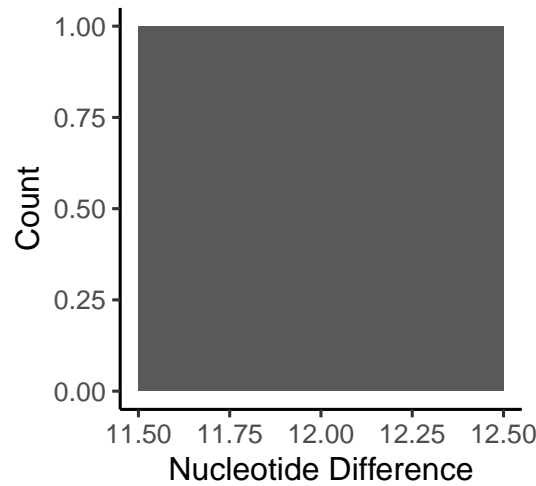
IGHV4-4*02

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



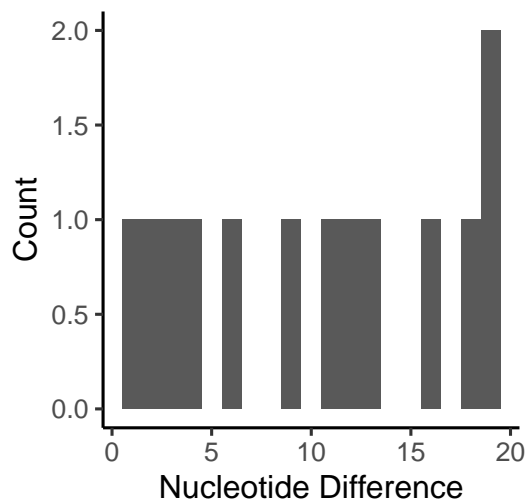
IGHV3-53*01

1 sequences assigned
No exact matches.



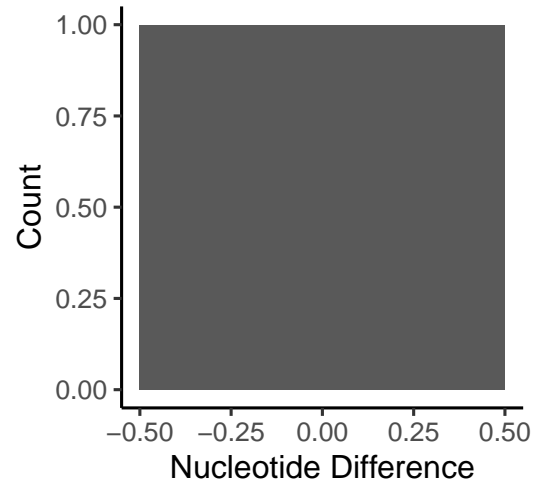
IGHV3-74*01

14 sequences assigned
No exact matches.



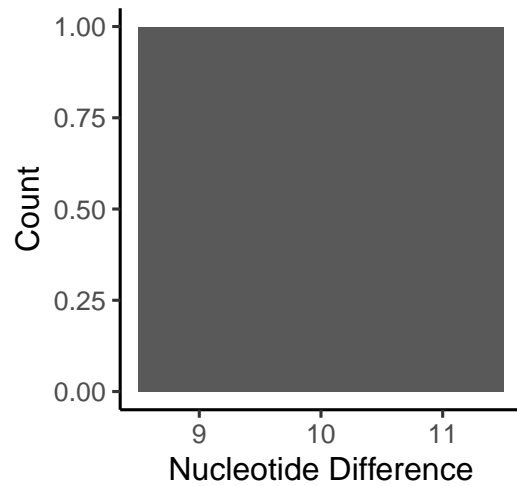
IGHV4-30-2*02

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



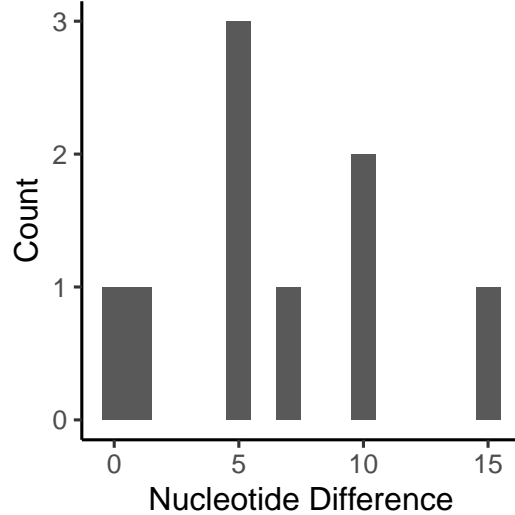
IGHV4-30-4*07

3 sequences assigned
No exact matches.



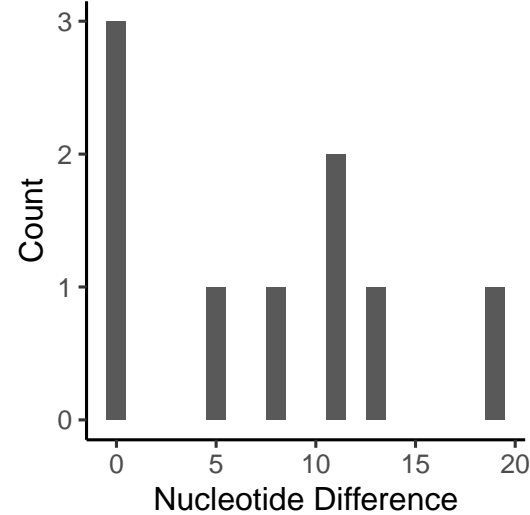
IGHV4-39*01

11 sequences assigned
1 (9.1%) exact matches, in which:
1 unique CDR3
1 unique J



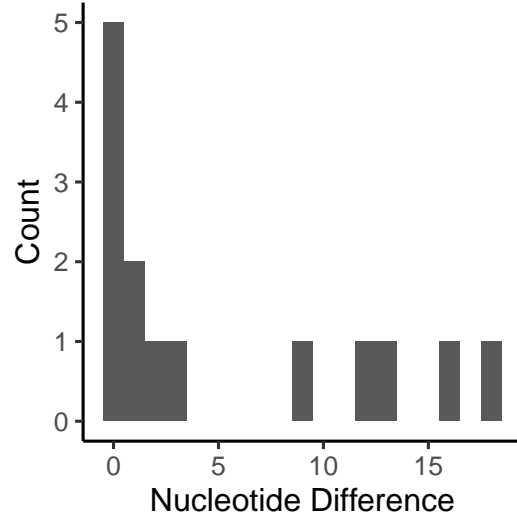
IGHV4-59*08

11 sequences assigned
3 (27.3%) exact matches, in which:
3 unique CDR3
3 unique J



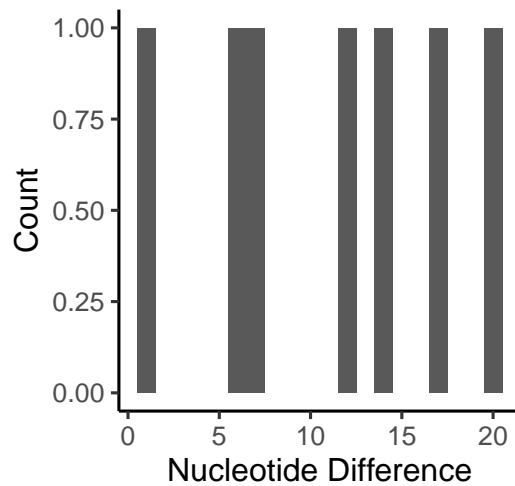
IGHV4-34*01

14 sequences assigned
5 (35.7%) exact matches, in which:
5 unique CDR3
4 unique J



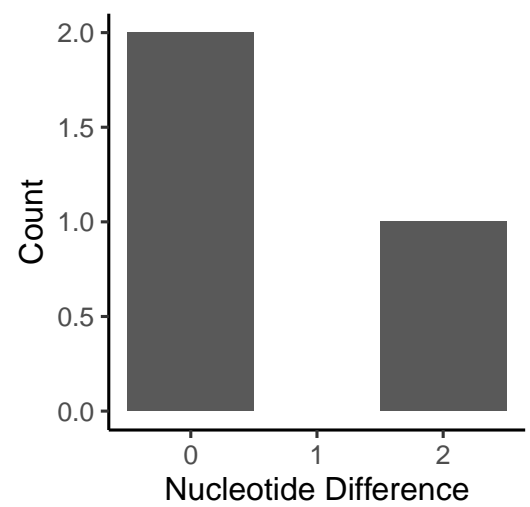
IGHV4-39*07

10 sequences assigned
No exact matches.



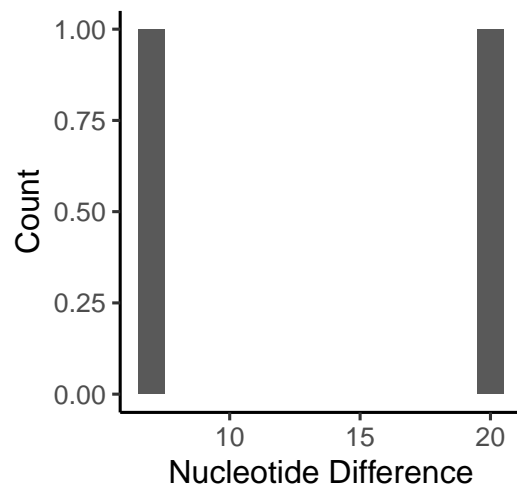
IGHV4-59*09

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



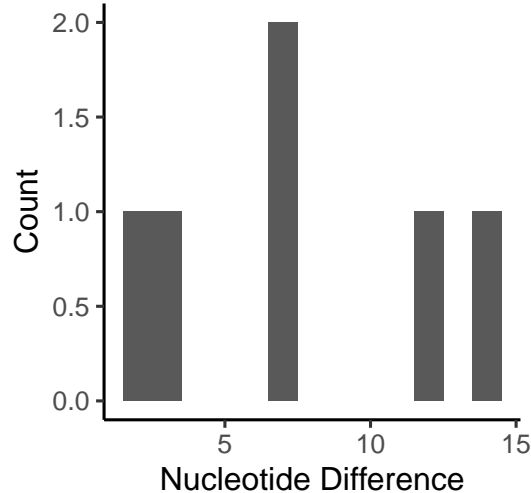
IGHV4-34*02

2 sequences assigned
No exact matches.



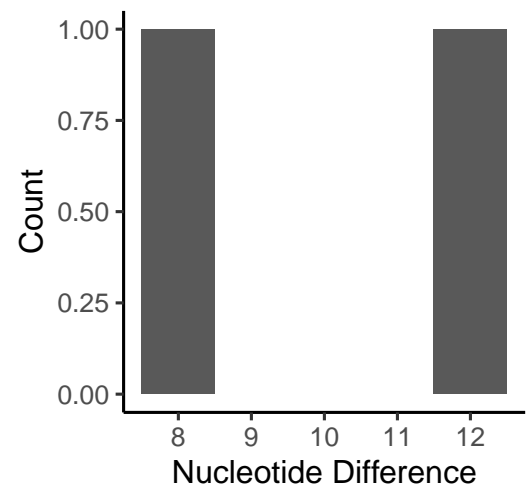
IGHV4-59*01

6 sequences assigned
No exact matches.



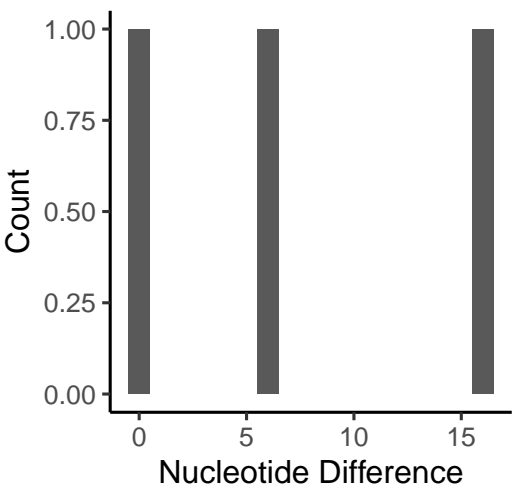
IGHV4-59*11

2 sequences assigned
No exact matches.



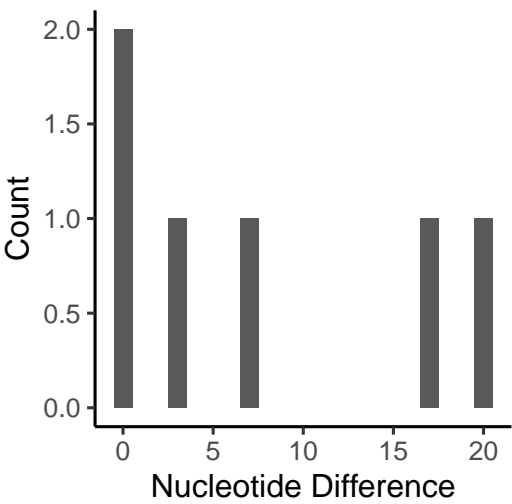
IGHV4-61*01

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



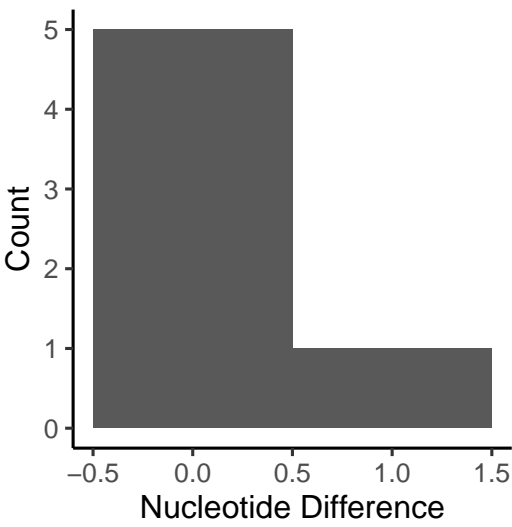
IGHV6-1*01

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



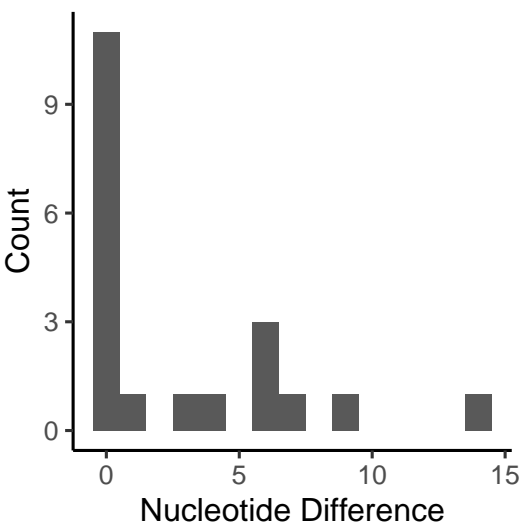
IGHV5-10-1*01

6 sequences assigned
5 (83.3%) exact matches, in which:
5 unique CDR3
4 unique J



IGHV5-51*01

22 sequences assigned
11 (50%) exact matches, in which:
8 unique CDR3
4 unique J





Warning – no inferred sequences found.