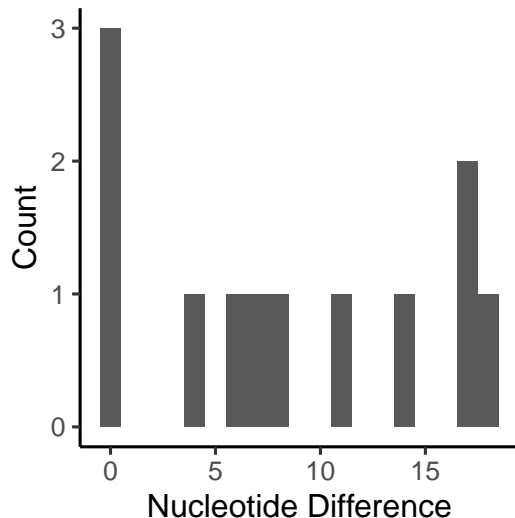


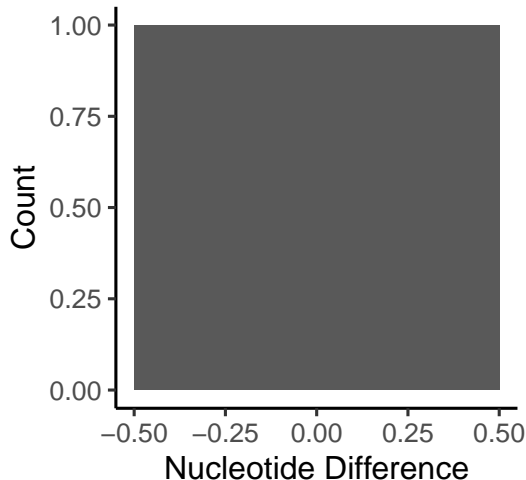
IGHV1-2*02

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



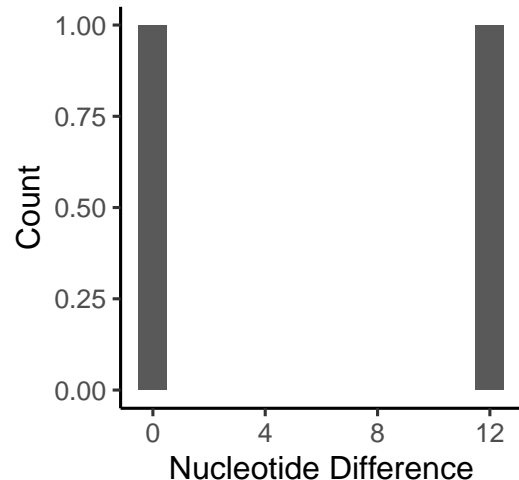
IGHV1-24*01

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



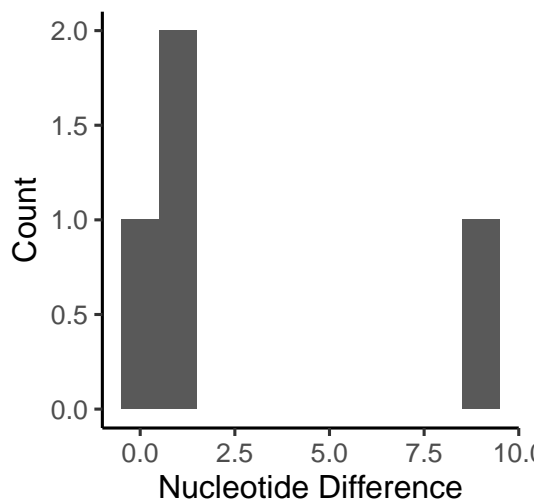
IGHV2-5*01

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



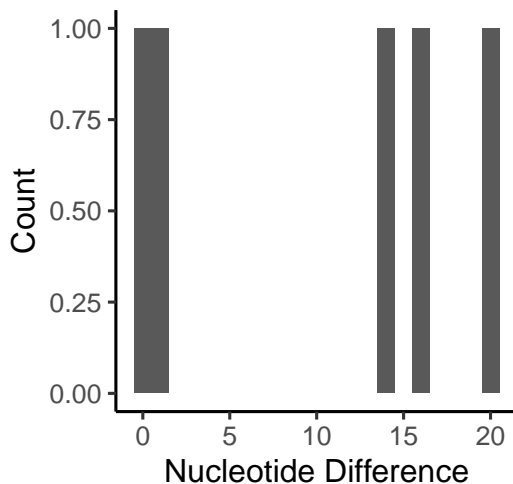
IGHV1-8*01

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



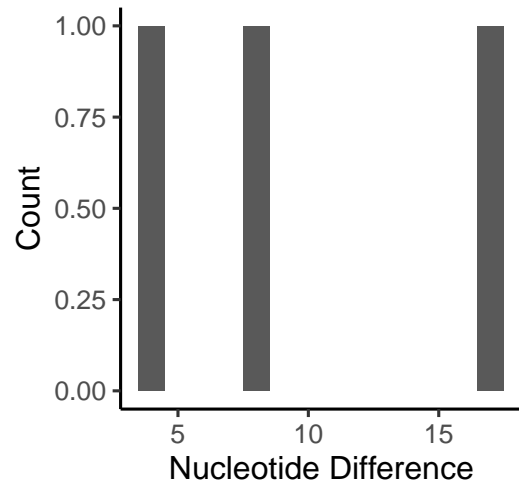
IGHV1-46*01

7 sequences assigned
1 (14.3%) exact matches, in which:
1 unique CDR3
1 unique J



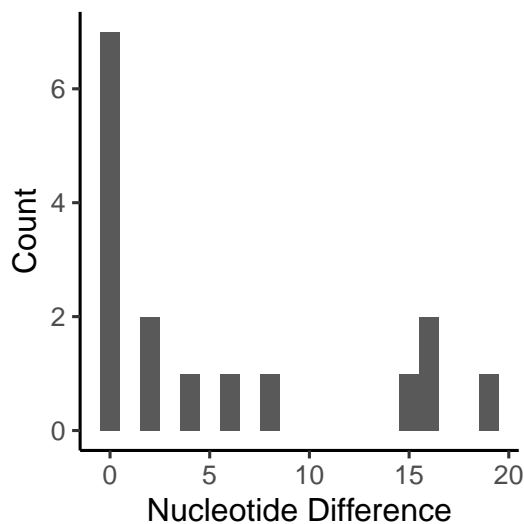
IGHV2-5*02

3 sequences assigned
No exact matches.



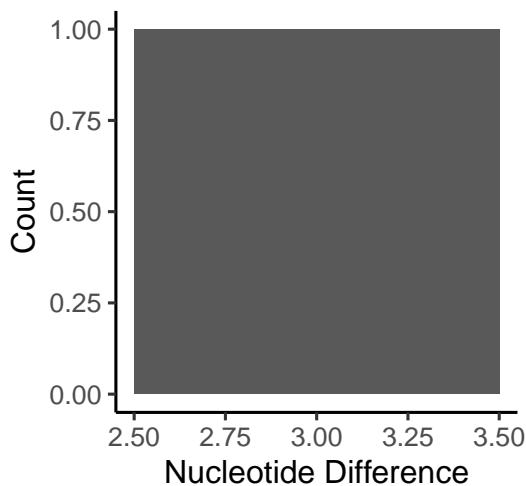
IGHV1-18*01

16 sequences assigned
7 (43.8%) exact matches, in which:
7 unique CDR3
4 unique J



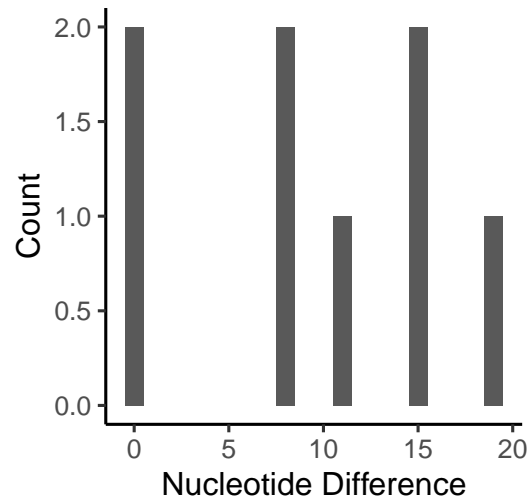
IGHV1-NL1*01

1 sequences assigned
No exact matches.



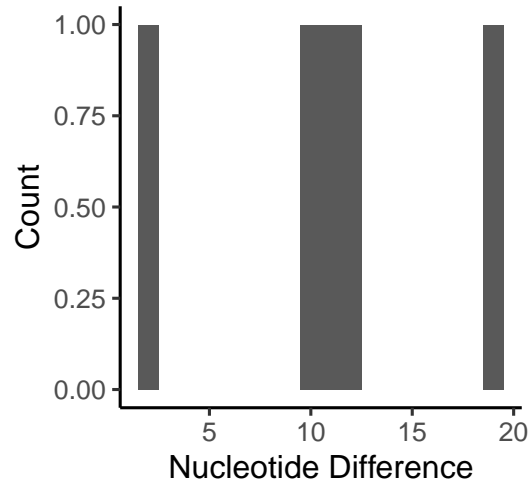
IGHV3-7*01

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



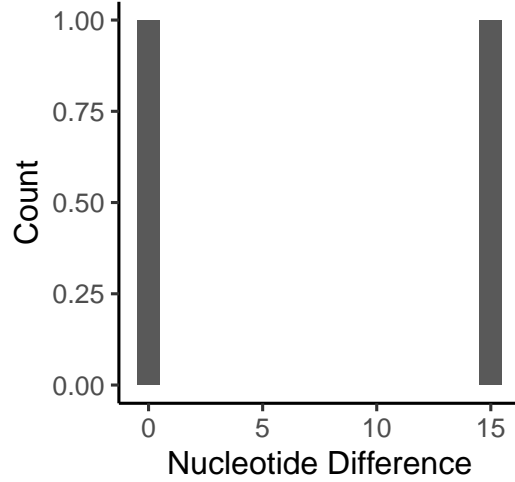
IGHV3-7*04

5 sequences assigned
No exact matches.



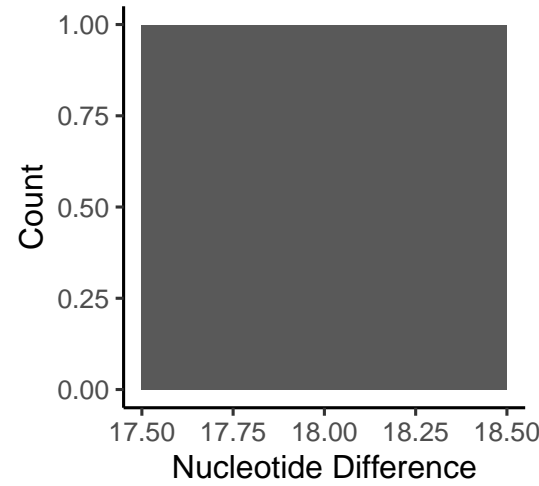
IGHV3-11*01

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



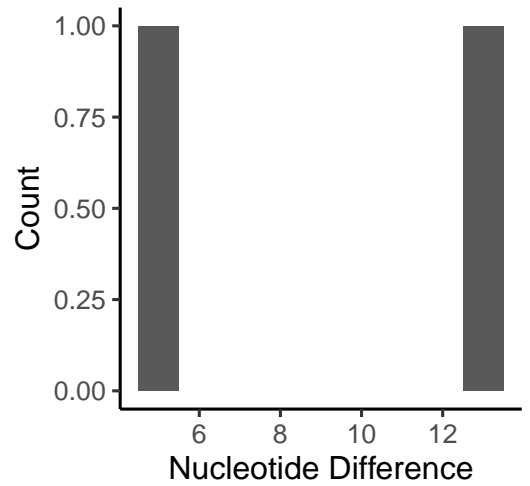
IGHV3-13*01

2 sequences assigned
No exact matches.



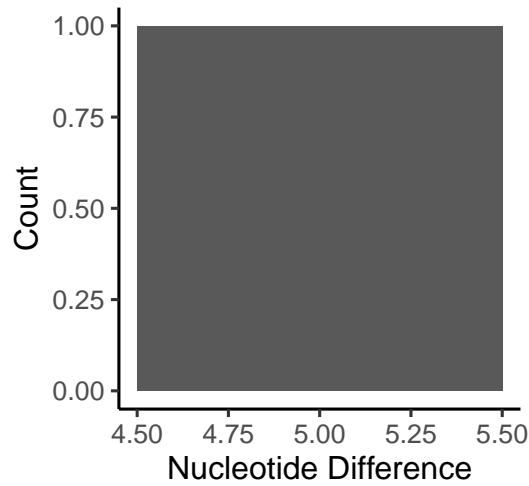
IGHV3-7*05

2 sequences assigned
No exact matches.



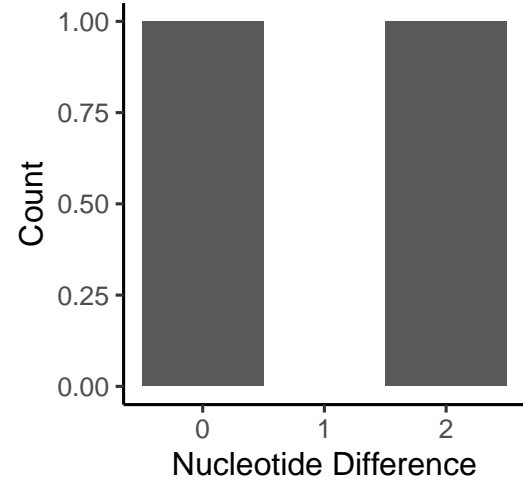
IGHV3-11*04

1 sequences assigned
No exact matches.



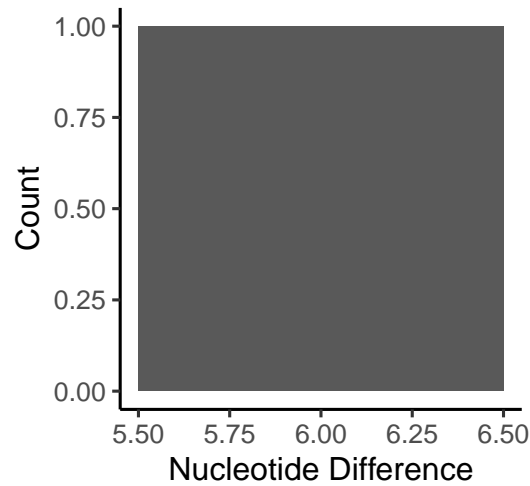
IGHV3-15*01

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



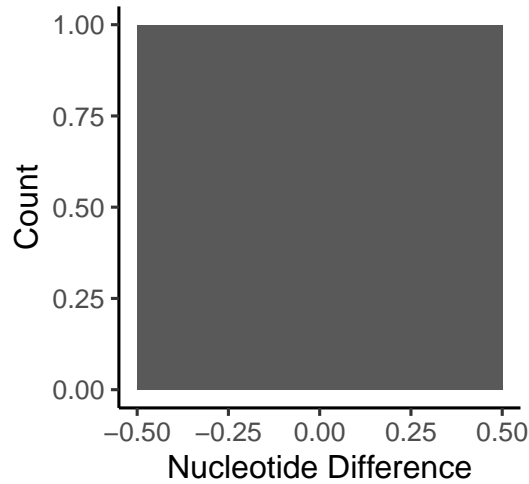
IGHV3-9*01

1 sequences assigned
No exact matches.



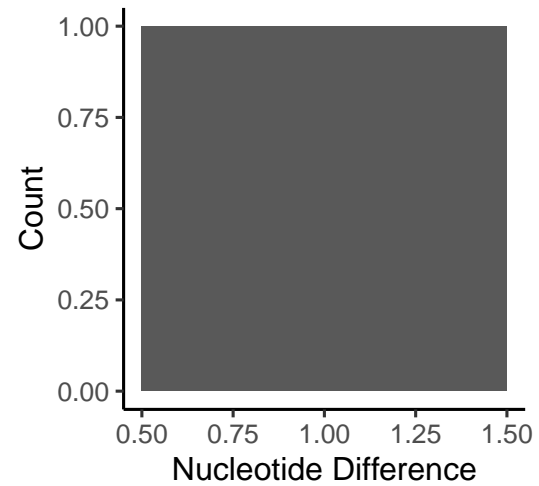
IGHV3-11*05

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



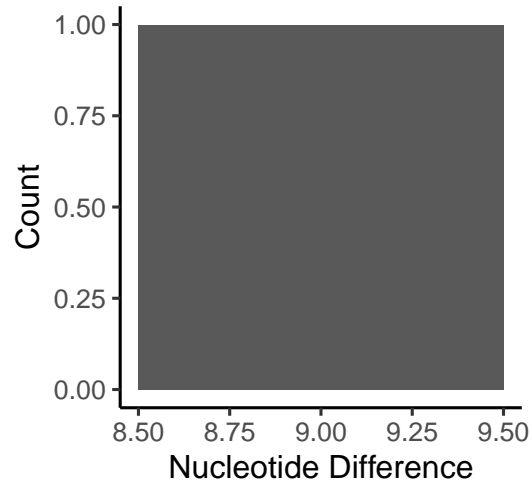
IGHV3-21*01

1 sequences assigned
No exact matches.



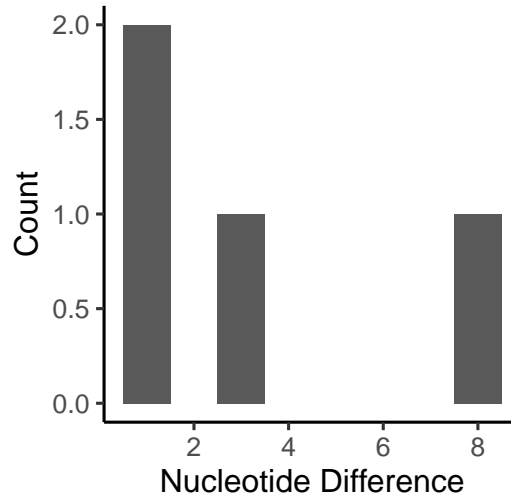
IGHV3–21*06

1 sequences assigned
No exact matches.



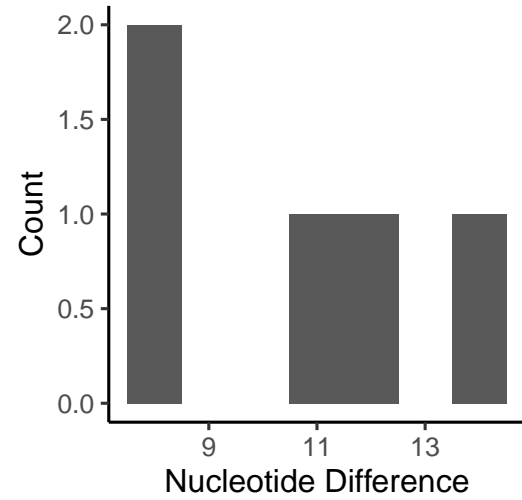
IGHV3–48*02

5 sequences assigned
No exact matches.



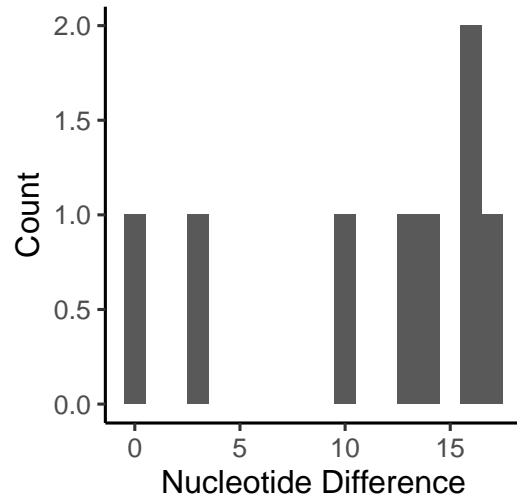
IGHV3–53*01

5 sequences assigned
No exact matches.



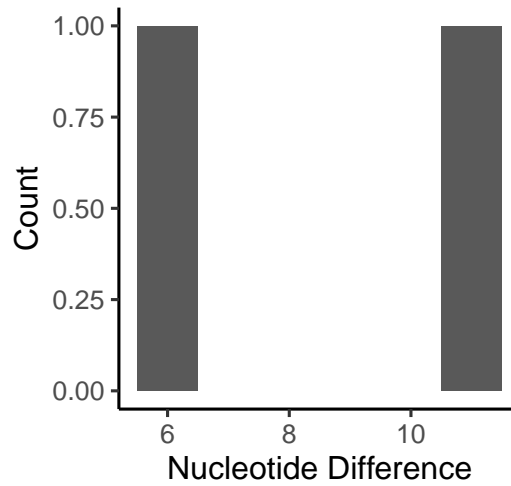
IGHV3–33*01

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



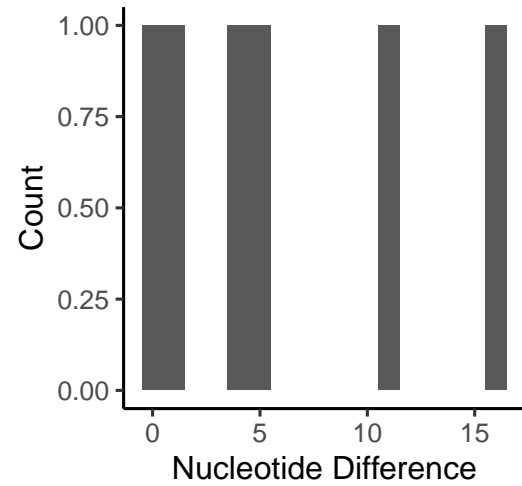
IGHV3–48*04

2 sequences assigned
No exact matches.



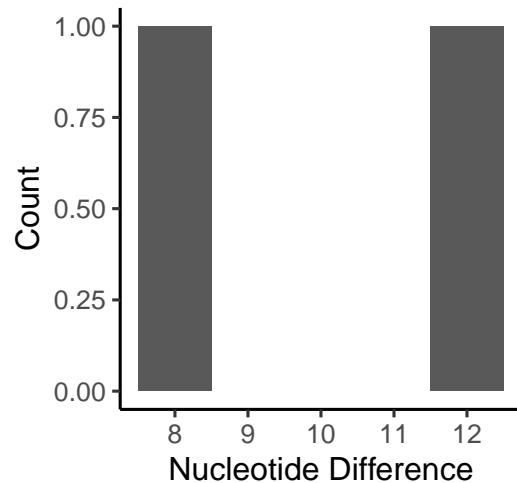
IGHV3–66*04

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



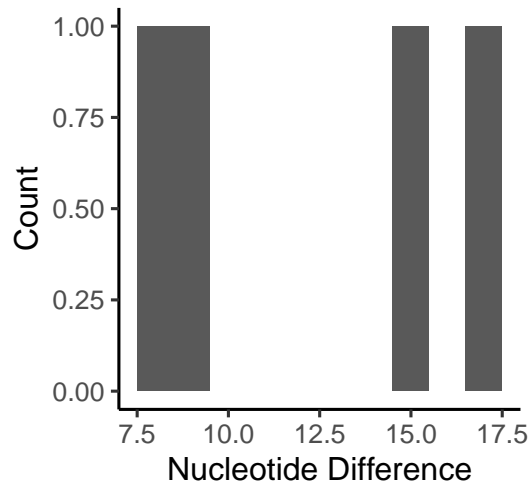
IGHV3–33*04

2 sequences assigned
No exact matches.



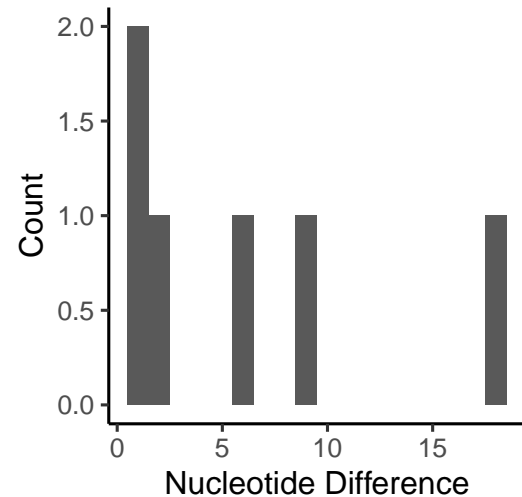
IGHV3–49*03

4 sequences assigned
No exact matches.



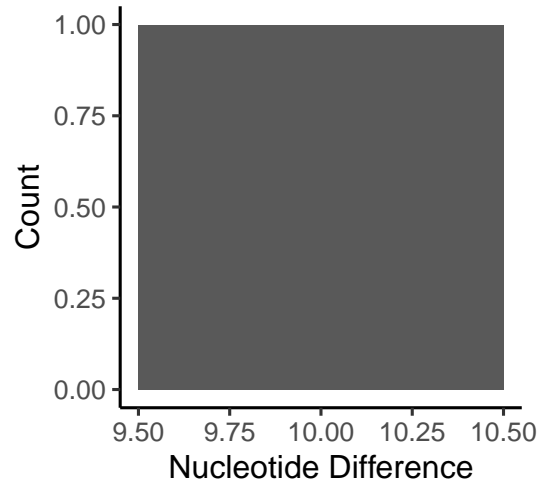
IGHV3–72*01

7 sequences assigned
No exact matches.



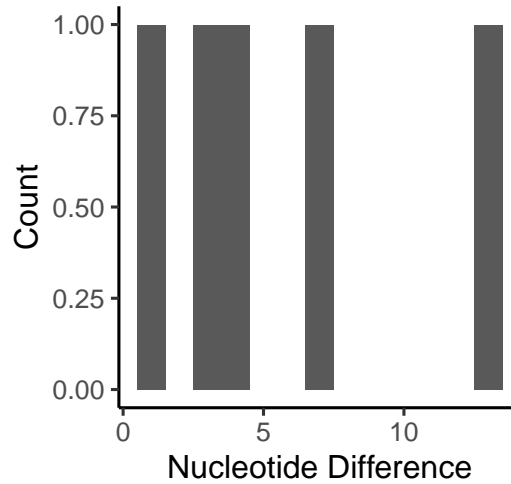
IGHV3-73*01

1 sequences assigned
No exact matches.



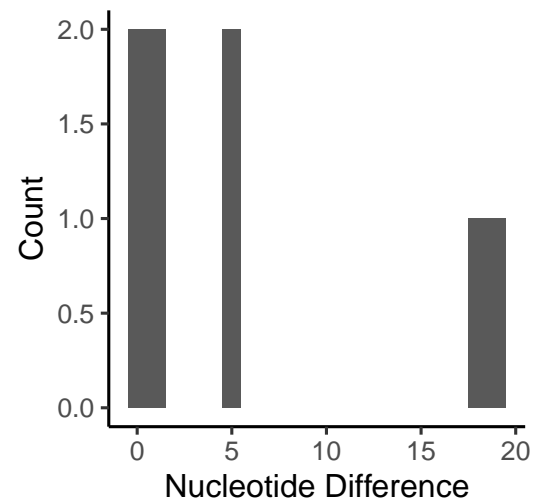
IGHV3-64D*06

5 sequences assigned
No exact matches.



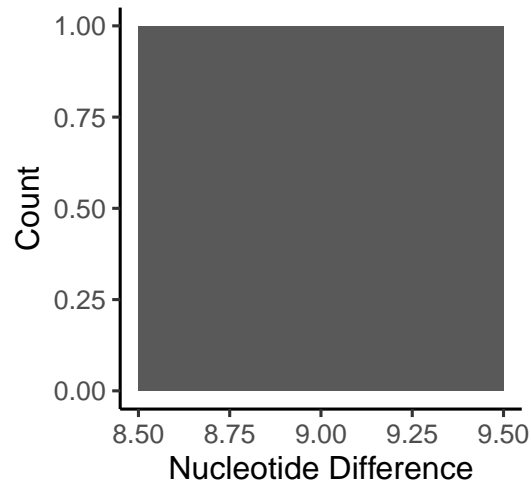
IGHV4-31*03

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



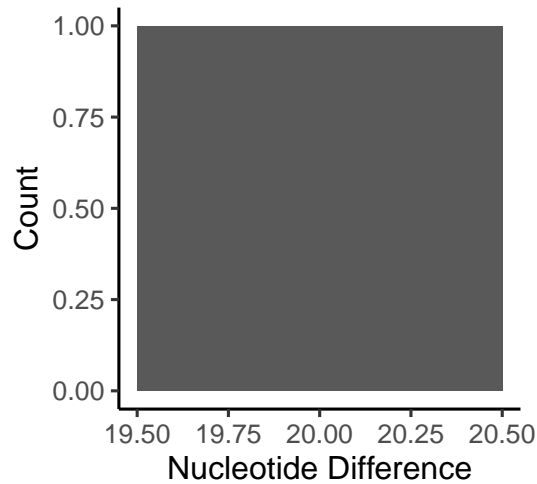
IGHV3-73*02

1 sequences assigned
No exact matches.



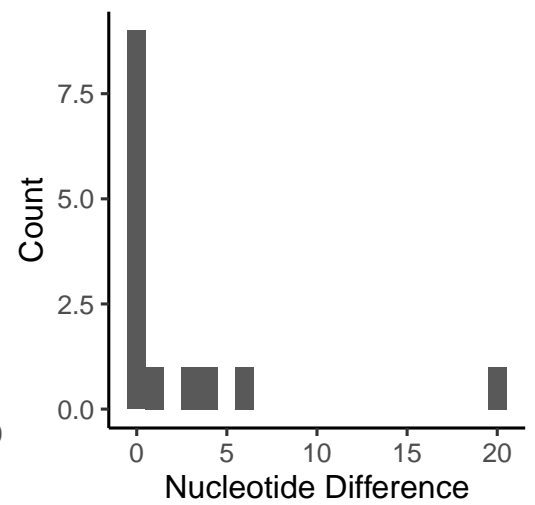
IGHV4-4*06

1 sequences assigned
No exact matches.



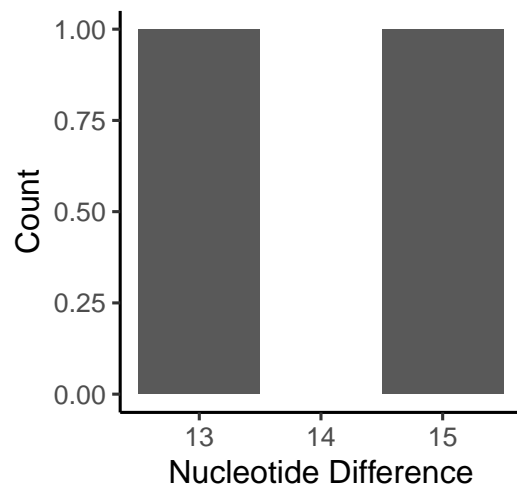
IGHV4-34*01

18 sequences assigned
9 (50%) exact matches, in which:
9 unique CDR3
5 unique J



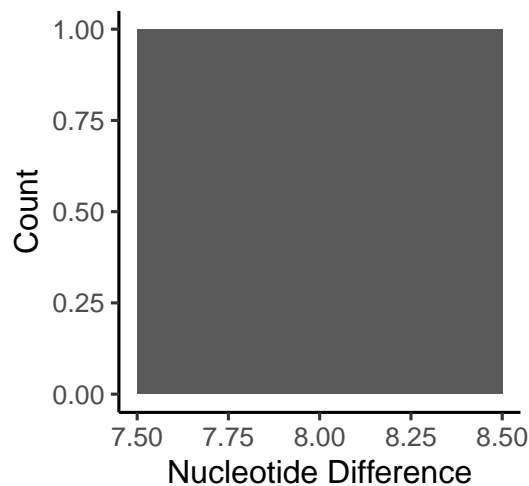
IGHV3-74*01

6 sequences assigned
No exact matches.



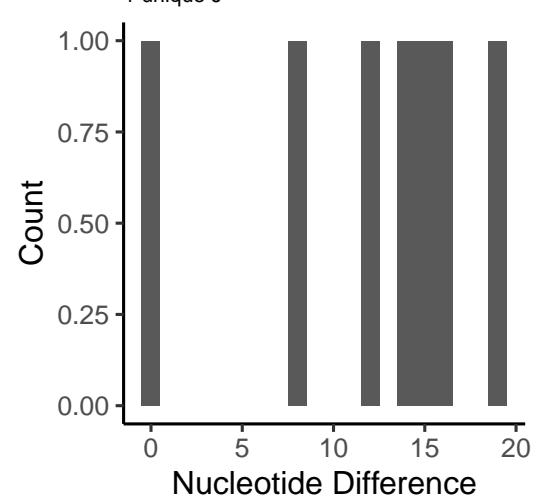
IGHV4-4*07

1 sequences assigned
No exact matches.



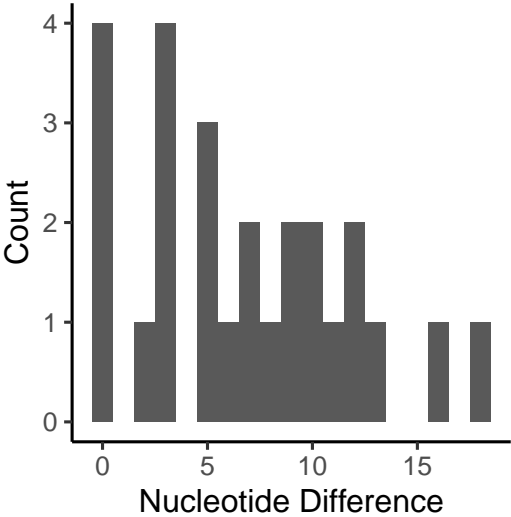
IGHV4-38-2*02

7 sequences assigned
1 (14.3%) exact matches, in which:
1 unique CDR3
1 unique J



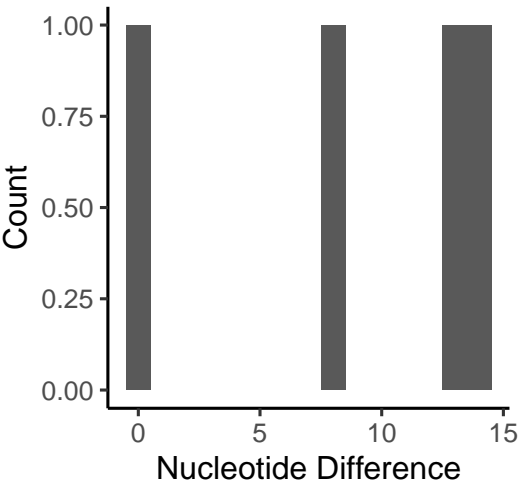
IGHV4-39*01

31 sequences assigned
4 (12.9%) exact matches, in which:
4 unique CDR3
2 unique J



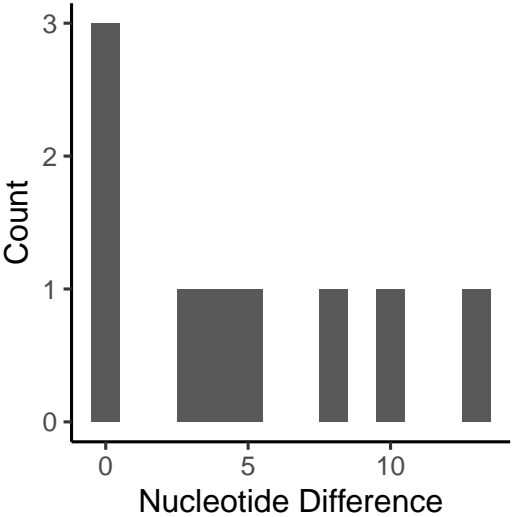
IGHV4-59*12

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



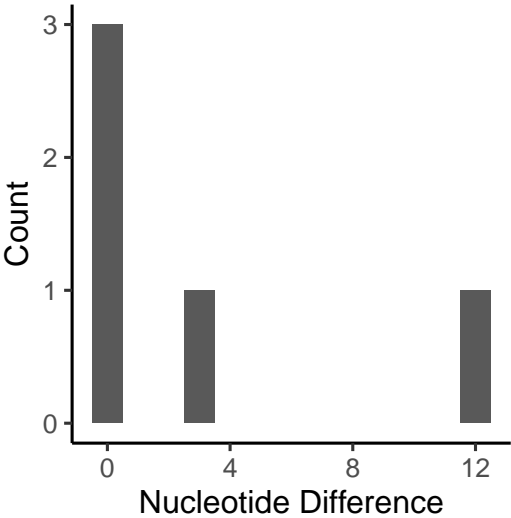
IGHV5-51*01

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



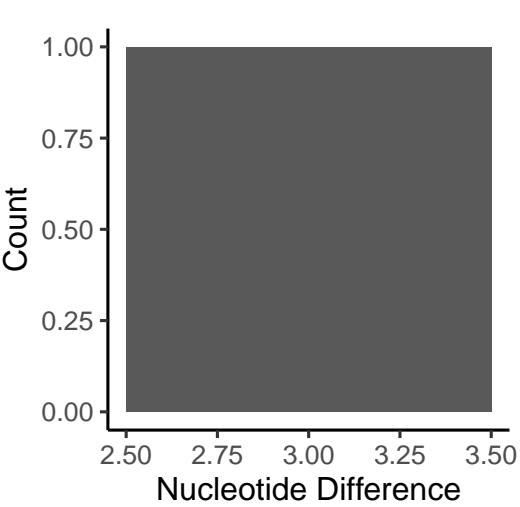
IGHV4-59*01

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



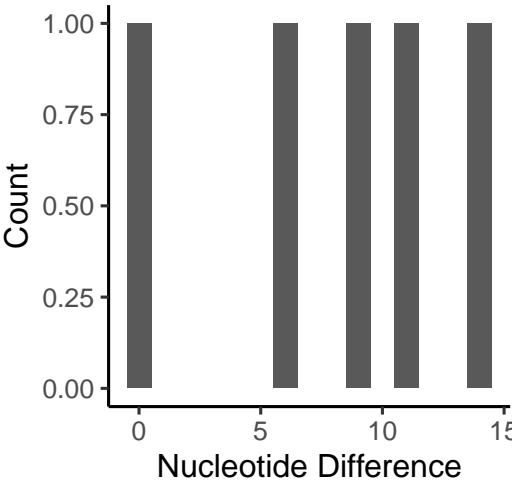
IGHV4-61*05

1 sequences assigned
No exact matches.



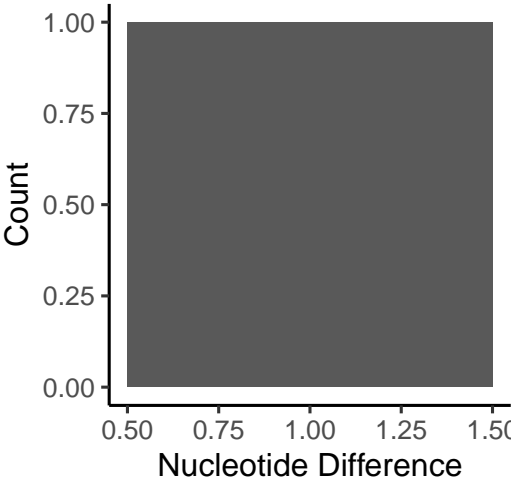
IGHV6-1*01

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



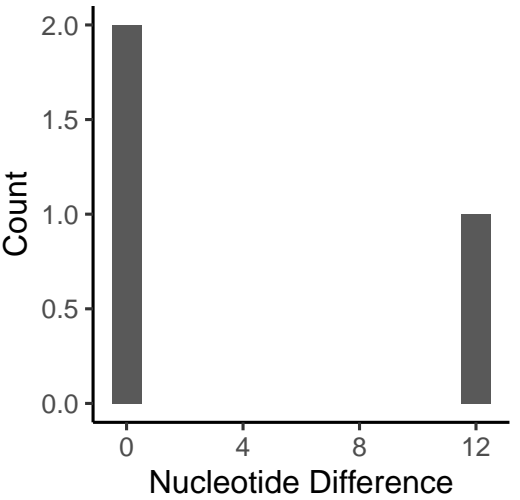
IGHV4-59*08

2 sequences assigned
No exact matches.

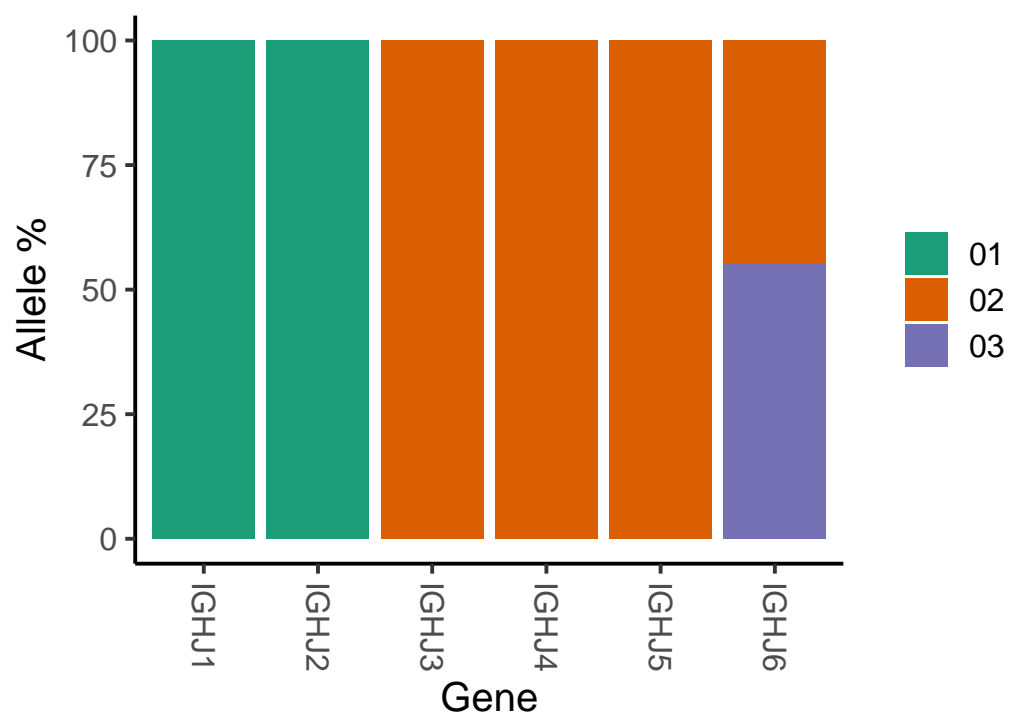


IGHV5-10-1*01

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



Allele Usage



Sequence Count by IGHJ6 allele usage



Warning – no inferred sequences found.