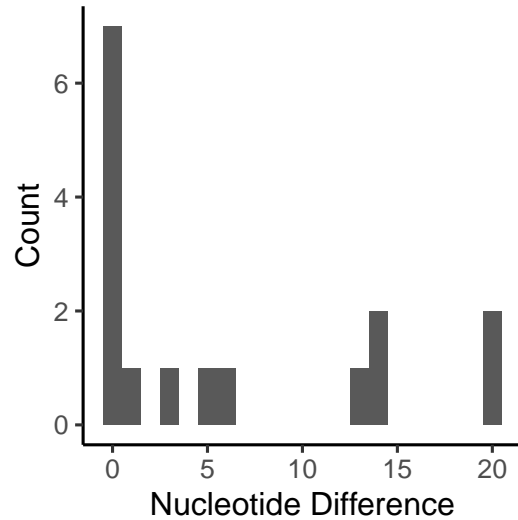


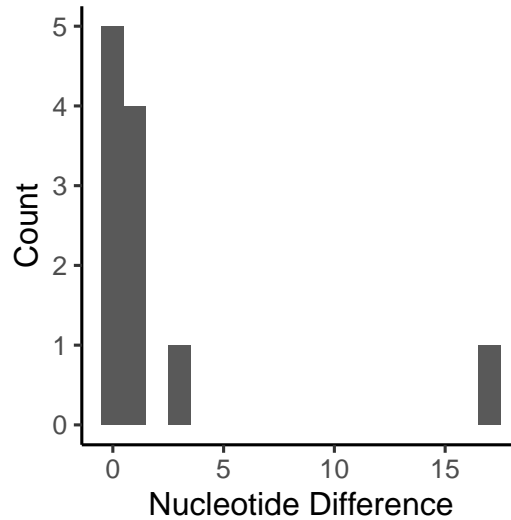
IGHV1-2*02

17 sequences assigned
7 (41.2%) exact matches, in which:
7 unique CDR3
3 unique J



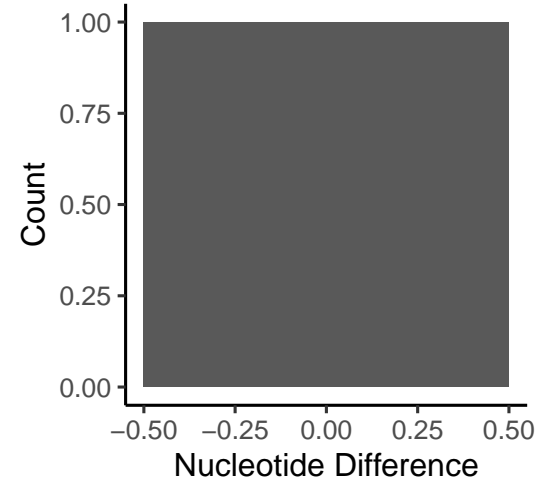
IGHV1-18*01

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



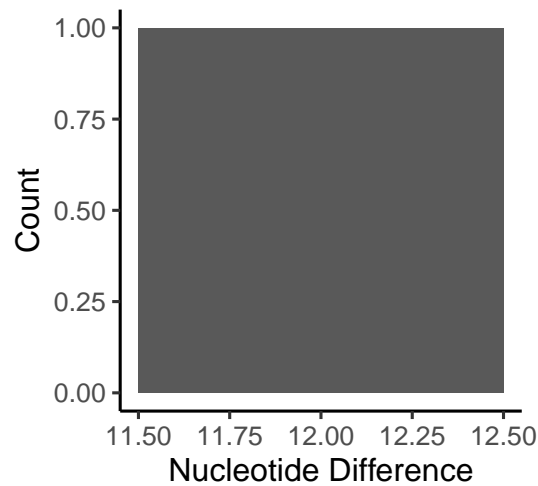
IGHV1-58*02

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



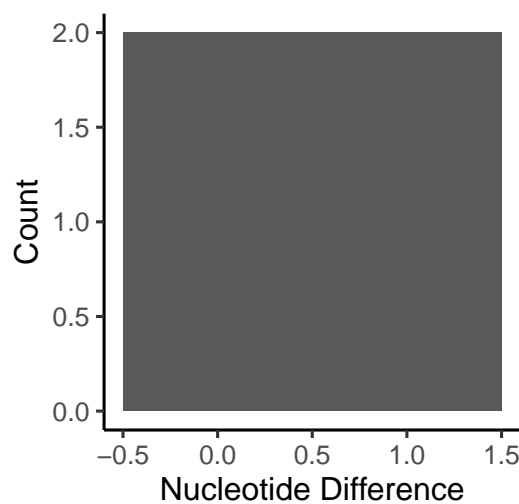
IGHV1-3*01

1 sequences assigned
No exact matches.



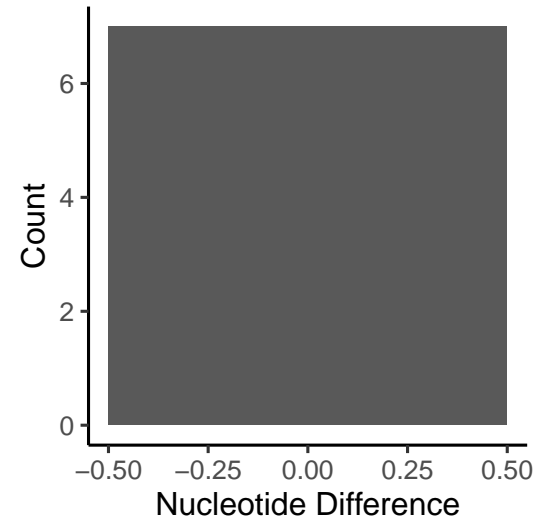
IGHV1-24*01

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



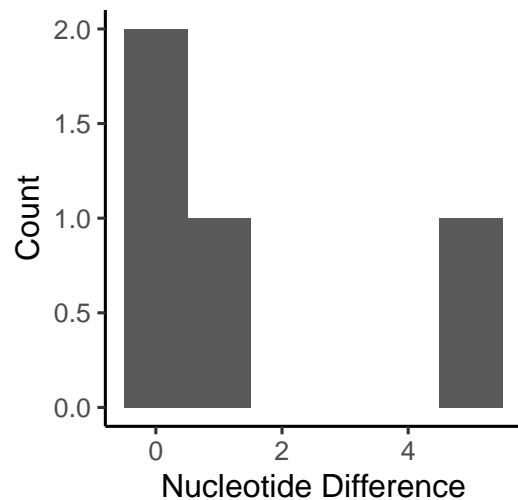
IGHV1-69*04

7 sequences assigned
7 (100%) exact matches, in which:
7 unique CDR3
3 unique J



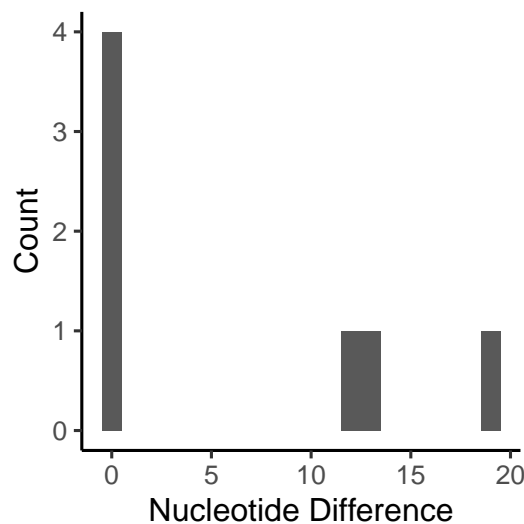
IGHV1-8*01

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



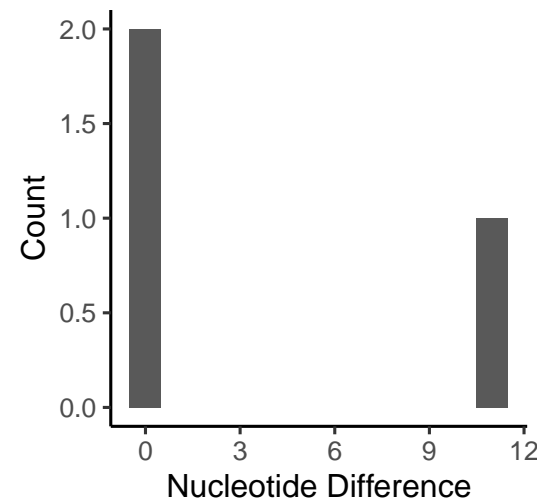
IGHV1-46*01

9 sequences assigned
4 (44.4%) exact matches, in which:
4 unique CDR3
3 unique J



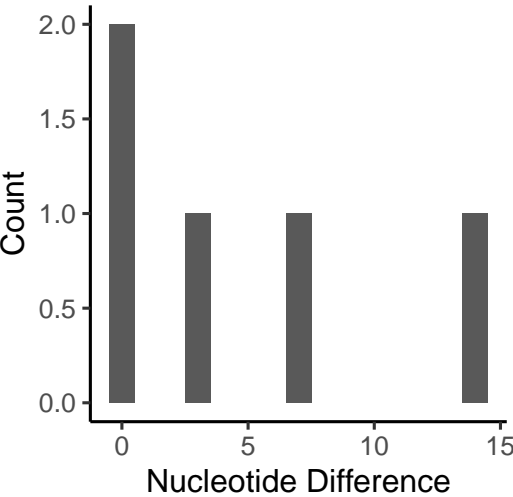
IGHV2-5*01

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



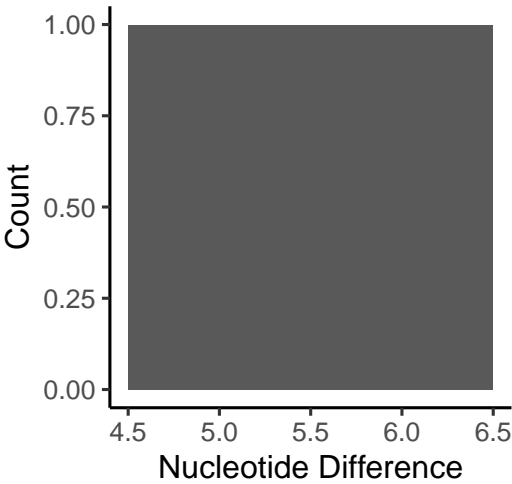
IGHV2-5*02

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



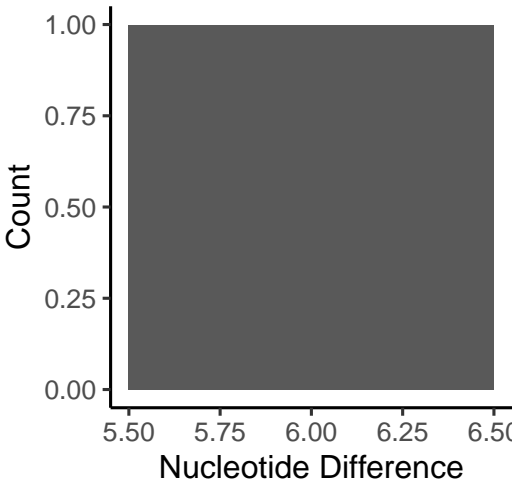
IGHV2-70*17

2 sequences assigned
No exact matches.



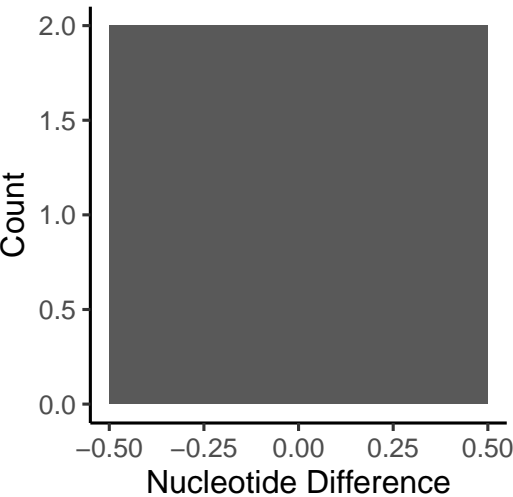
IGHV3-9*01

1 sequences assigned
No exact matches.



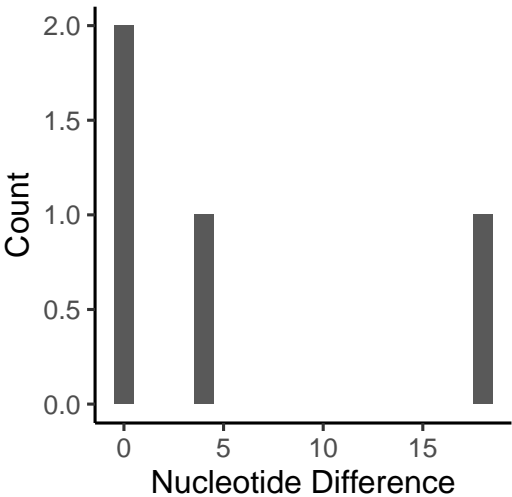
IGHV2-70*01

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



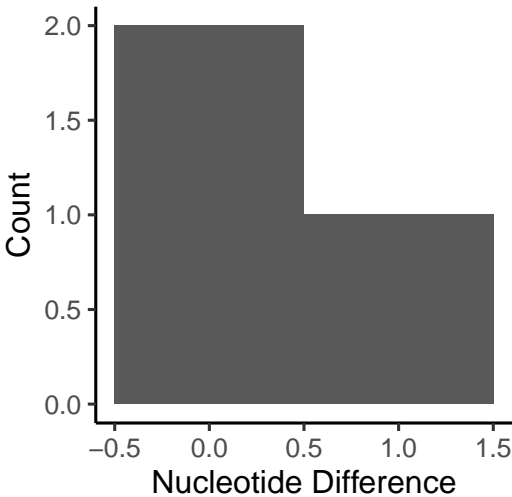
IGHV3-7*01

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



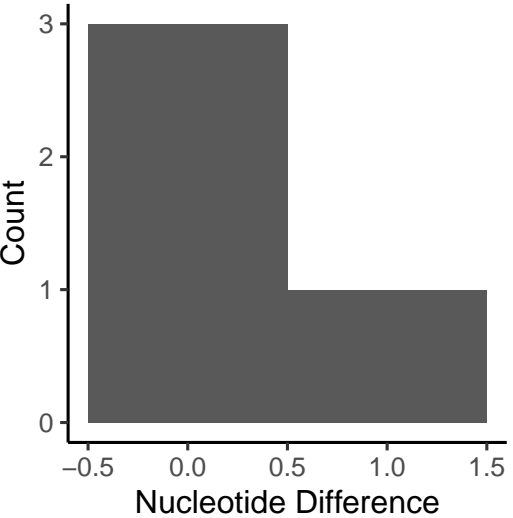
IGHV3-11*01

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



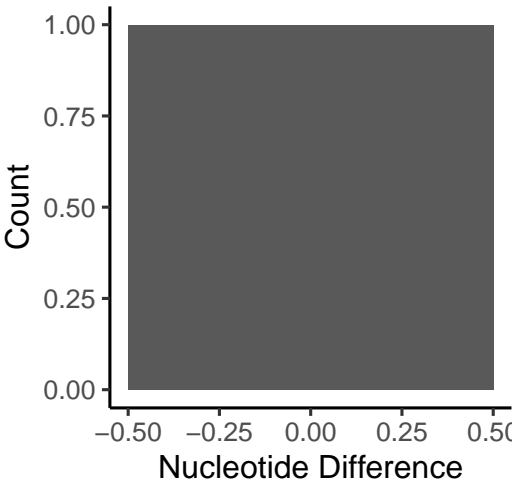
IGHV2-70*15

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
2 unique J



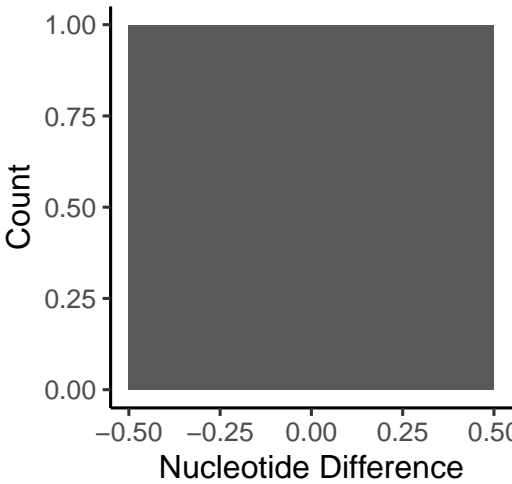
IGHV3-7*05

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



IGHV3-11*06

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



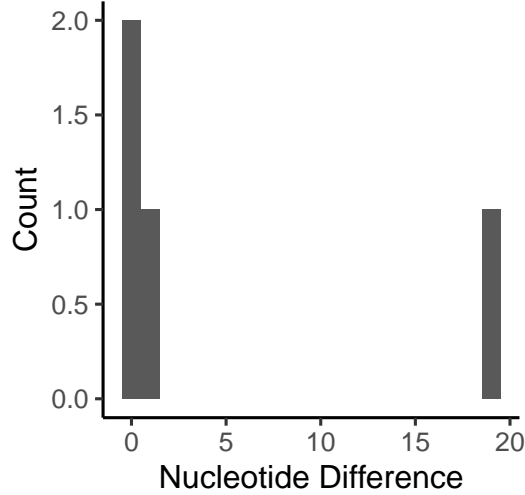
IGHV3–13*01

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



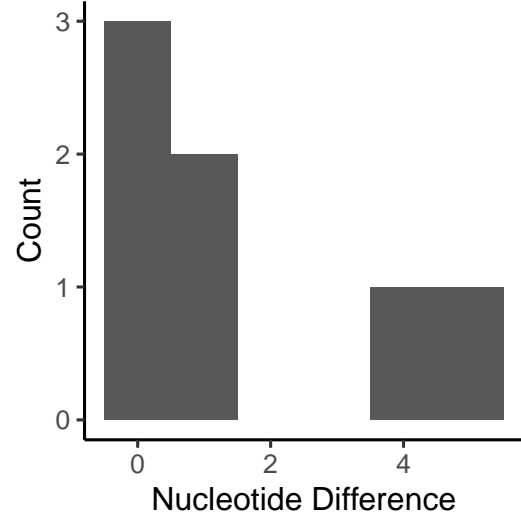
IGHV3–33*01

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



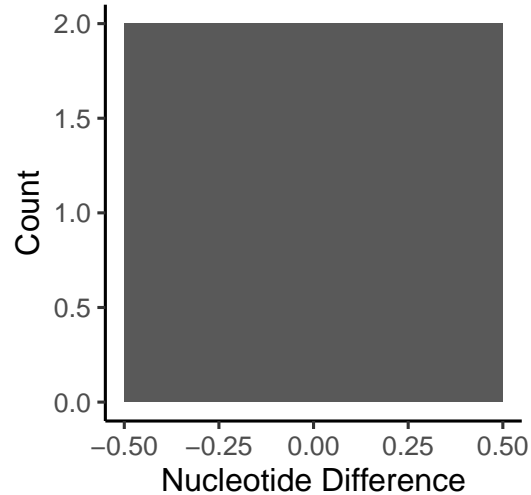
IGHV3–48*03

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



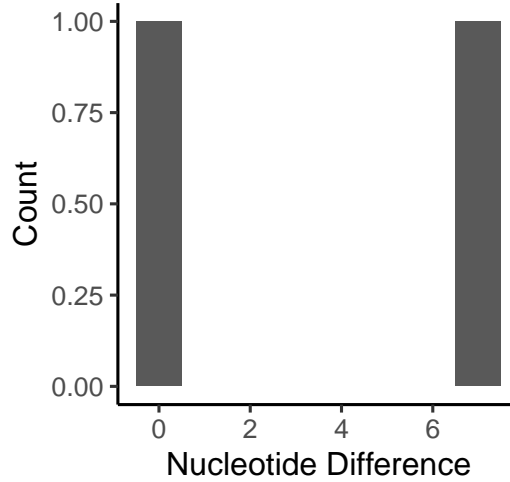
IGHV3–20*01

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



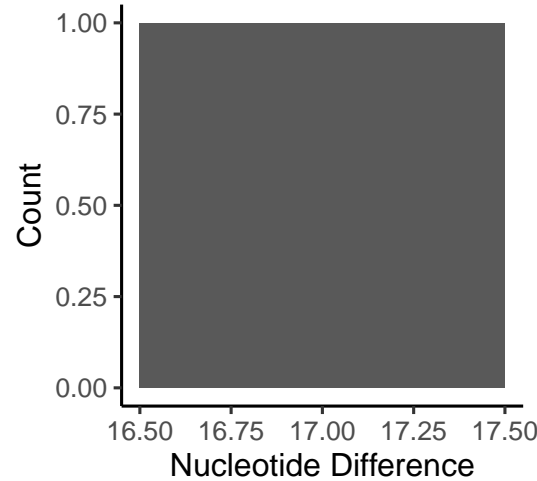
IGHV3–43*02

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



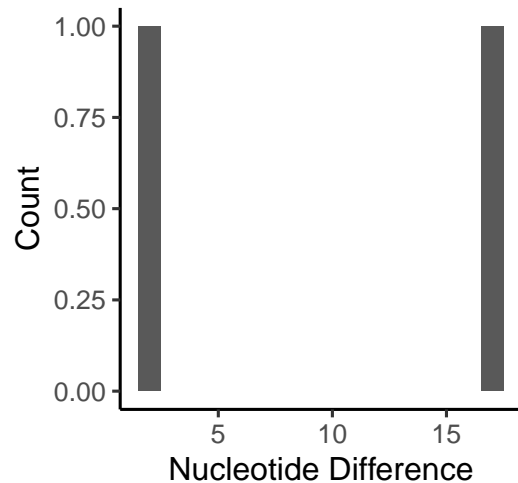
IGHV3–53*01

1 sequences assigned
No exact matches.



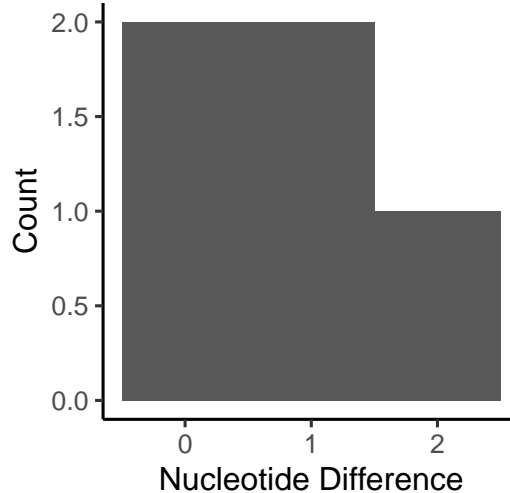
IGHV3–21*06

2 sequences assigned
No exact matches.



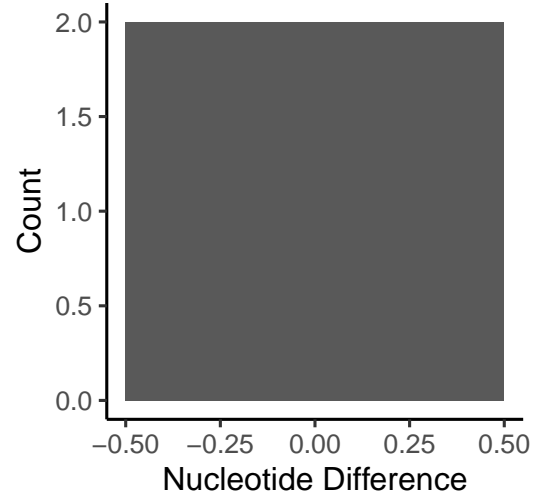
IGHV3–48*02

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



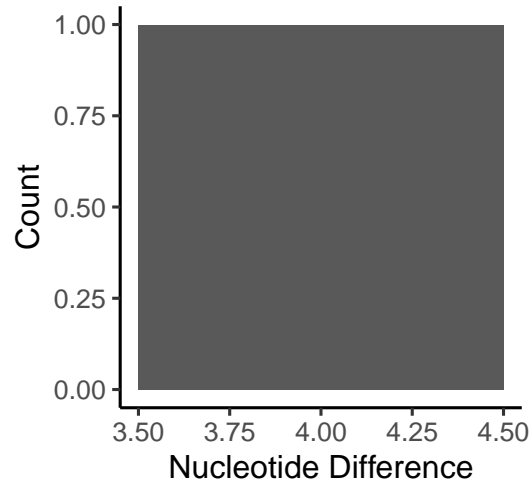
IGHV3–53*04

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



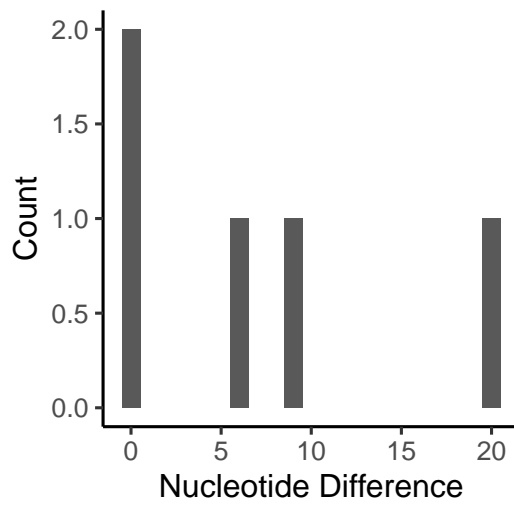
IGHV3-64*01

1 sequences assigned
No exact matches.



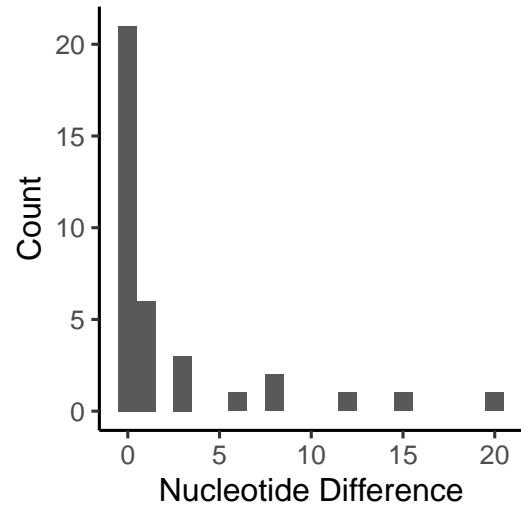
IGHV3-74*01

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



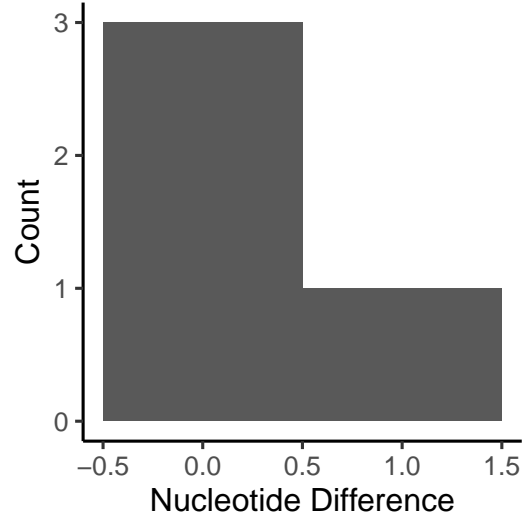
IGHV4-34*01

37 sequences assigned
21 (56.8%) exact matches, in which:
20 unique CDR3
6 unique J



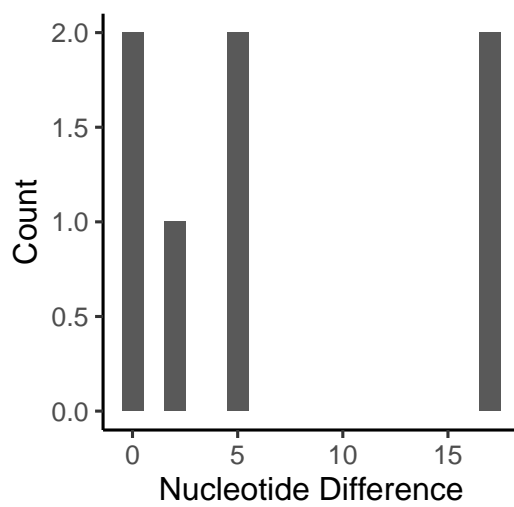
IGHV3-66*01

4 sequences assigned
3 (75%) exact matches, in which:
2 unique CDR3
2 unique J



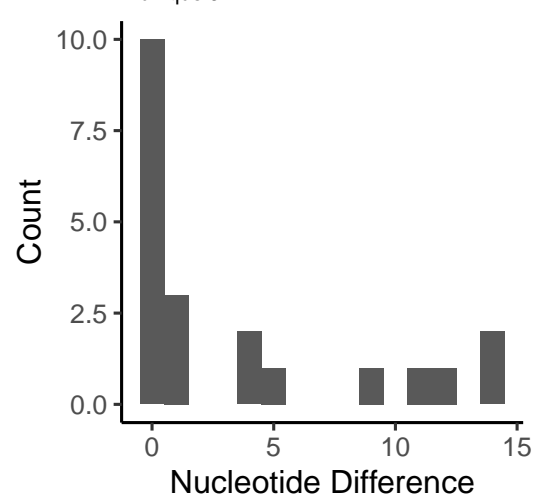
IGHV4-4*07

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



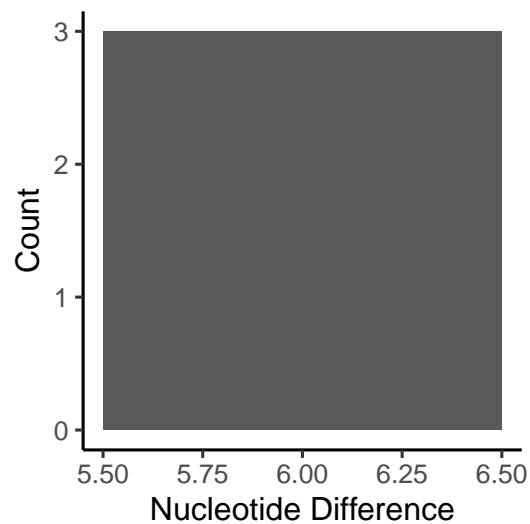
IGHV4-39*01

22 sequences assigned
10 (45.5%) exact matches, in which:
10 unique CDR3
4 unique J



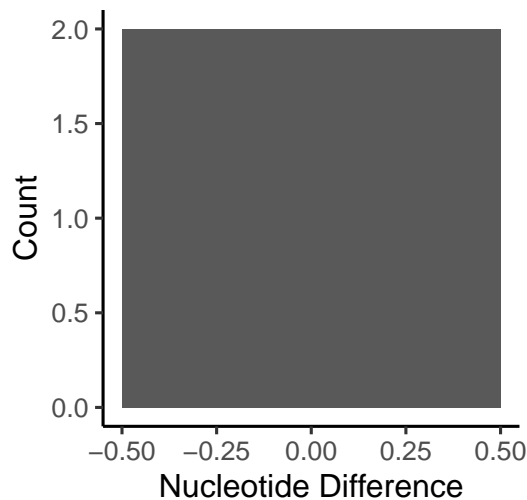
IGHV3-66*02

4 sequences assigned
No exact matches.



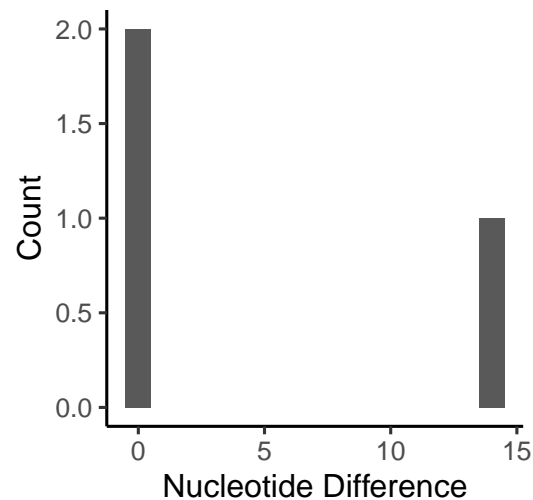
IGHV4-31*03

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



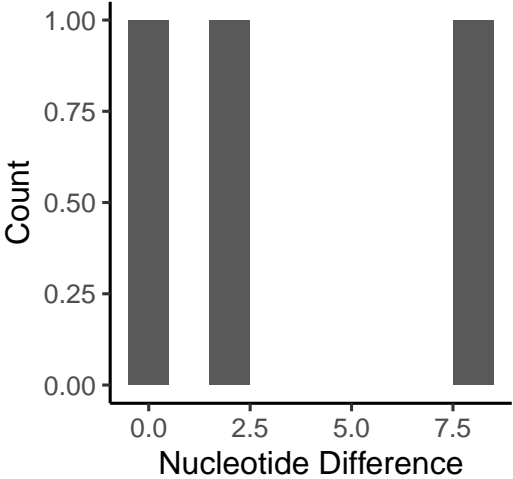
IGHV4-59*01

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



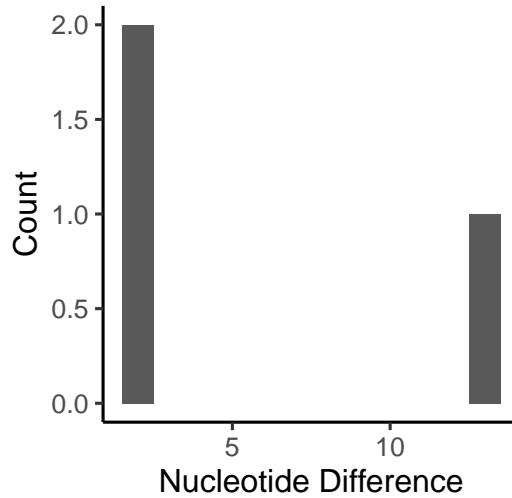
IGHV4–59*08

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



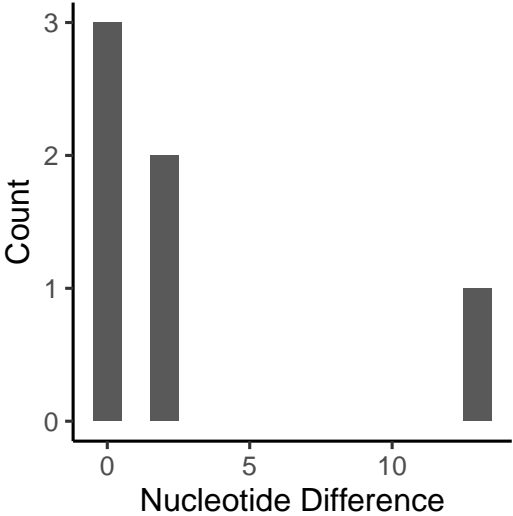
IGHV6–1*01

4 sequences assigned
No exact matches.



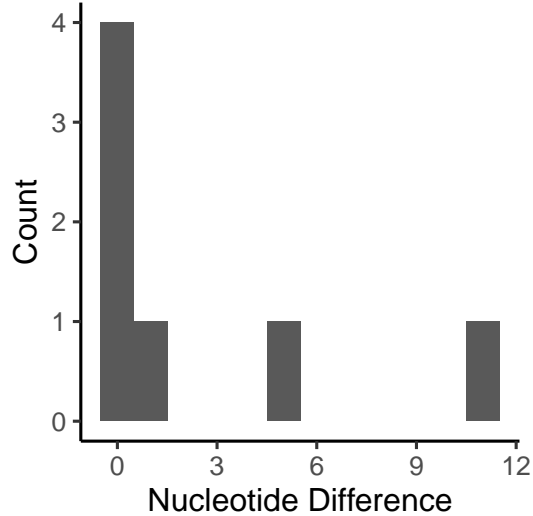
IGHV5–10–1*01

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



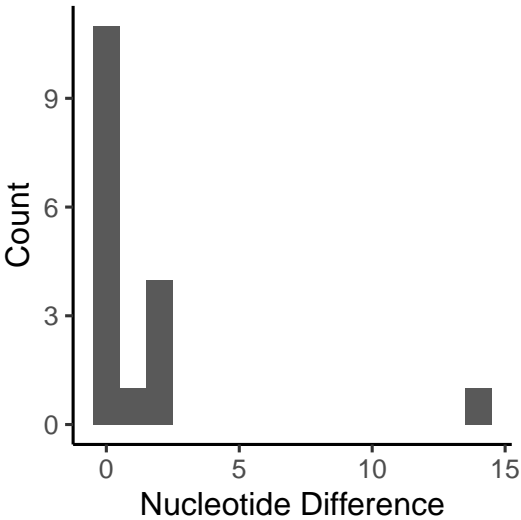
IGHV7–4–1*02

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



IGHV5–51*01

17 sequences assigned
11 (64.7%) exact matches, in which:
11 unique CDR3
4 unique J





Warning – no inferred sequences found.