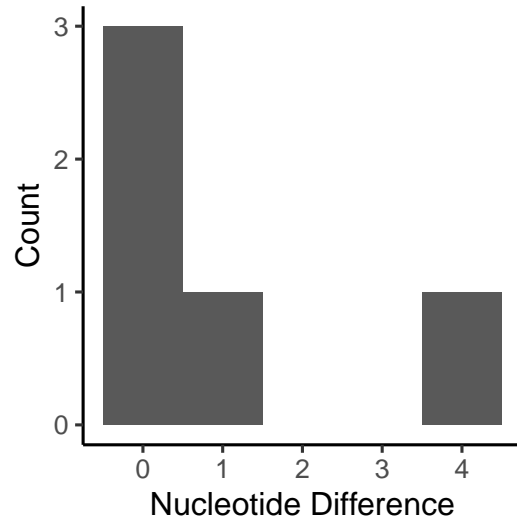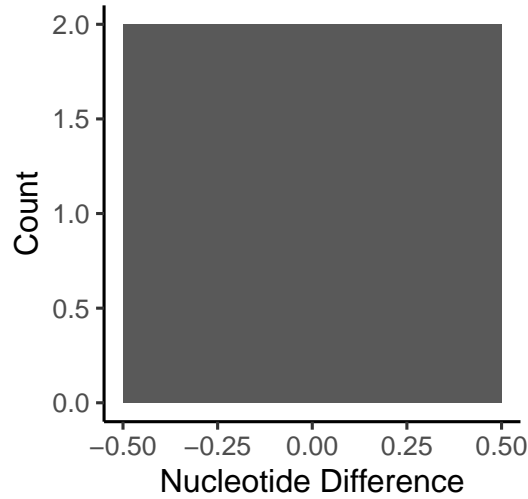## IGHV1−2*04

5 sequences assigned
3 (60%) exact matches, in which:
3 unique CDR3
3 unique J
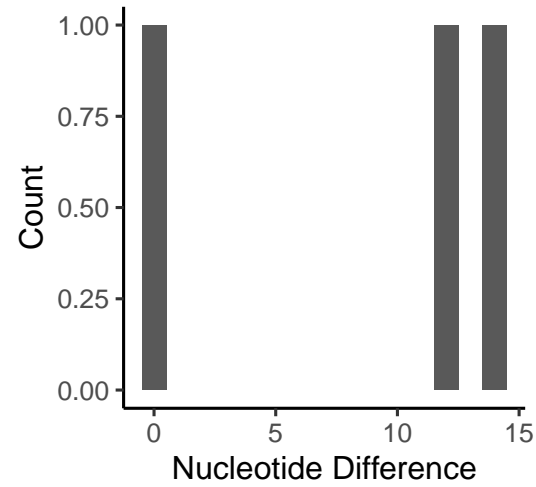
IGHV1−24*01

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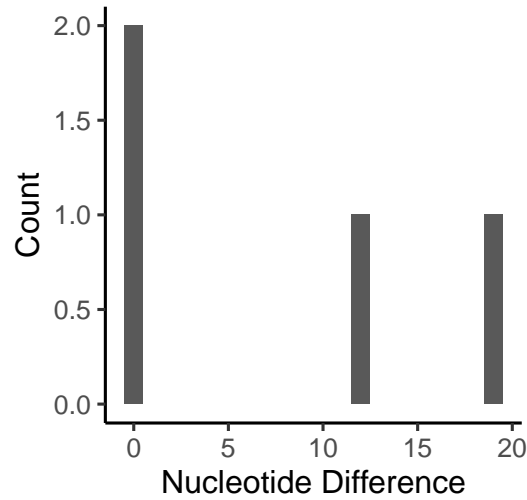2 unique CDR3
2 unique J

IGHV2−5*02

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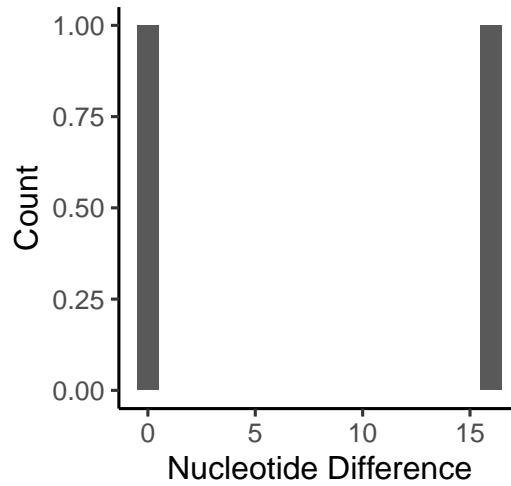1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J

IGHV1−3*01

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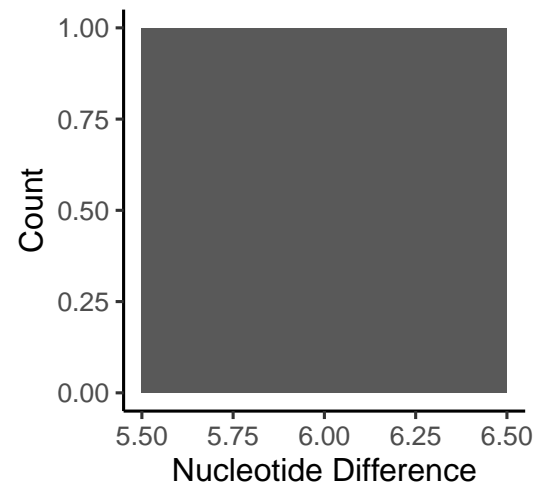2 (50%) exact matches, in which:
2 unique CDR3
1 unique J

IGHV1−46*03

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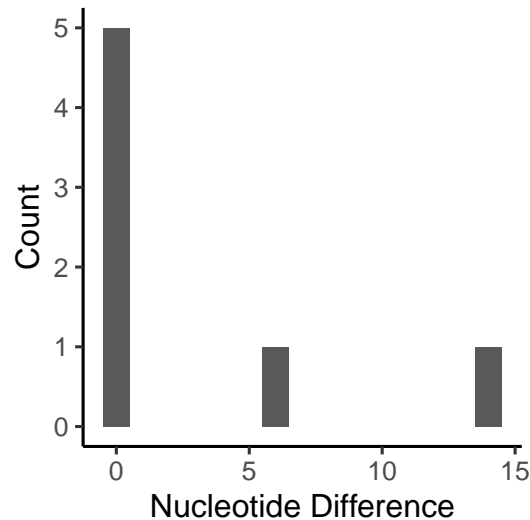1 (50%) exact matches, in which:
1 unique CDR3
1 unique J

IGHV2−26*01

1 sequences assigned
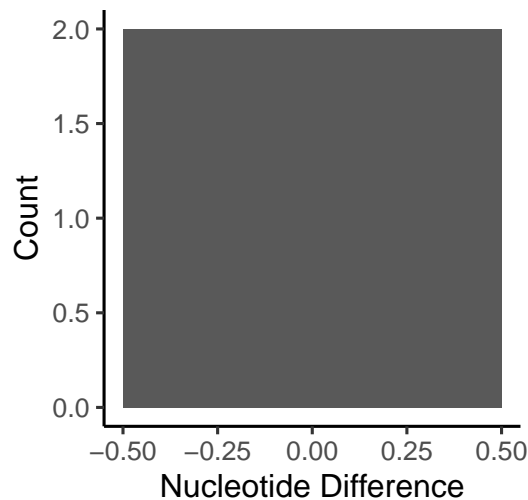No exact matches.

IGHV1−18*04

7 sequences assigned
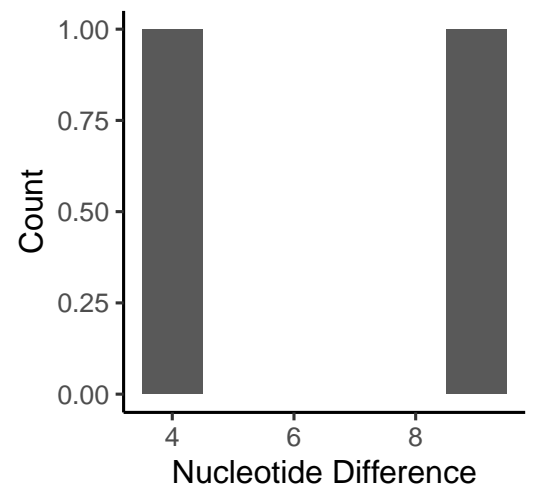5 (71.4%) exact matches, in which:
5 unique CDR3
5 unique J

IGHV1−69*04

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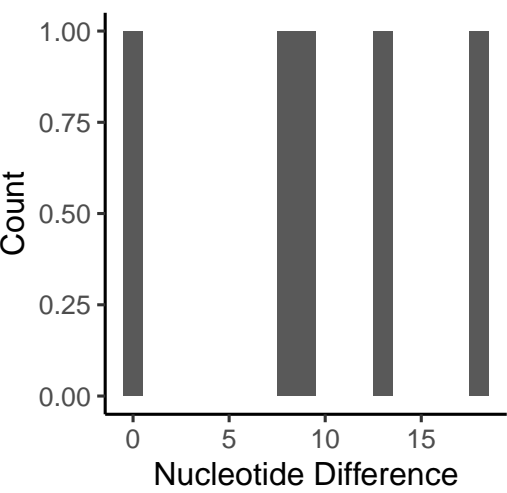2 unique CDR3
2 unique J

IGHV2−70*15

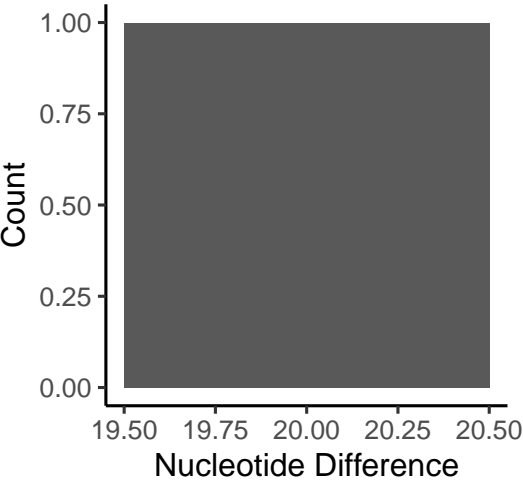2 sequences assigned
No exact matches.

IGHV3-7*03

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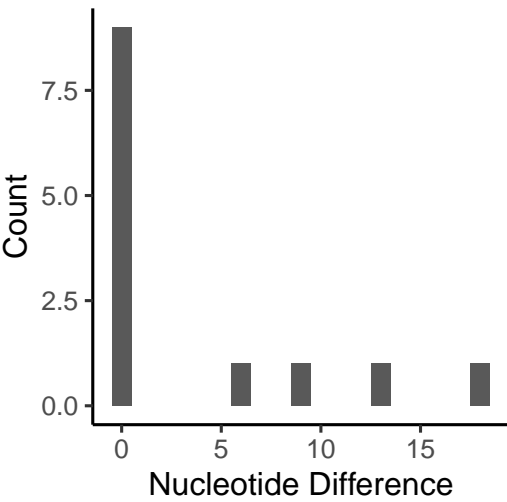1 (20%) exact matches, in which:
1 unique CDR3
1 unique J

IGHV3-15*02

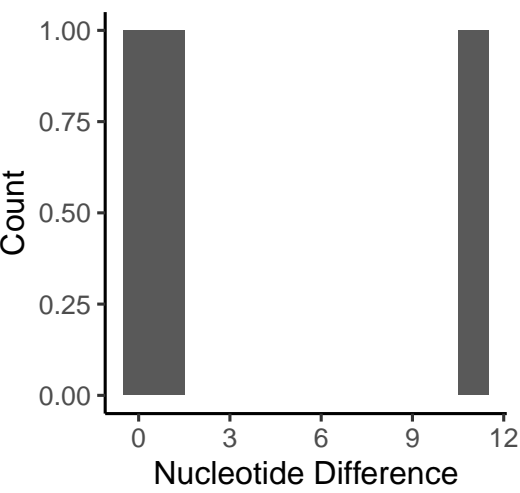1 sequences assigned
No exact matches.

IGHV3-33*01

13 sequences assigned
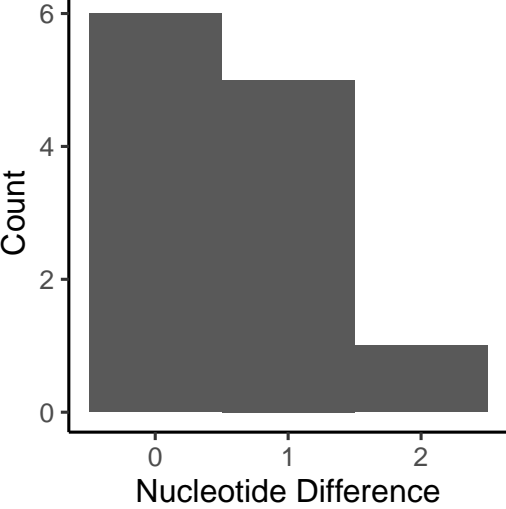9 (69.2%) exact matches, in which:
9 unique CDR3
3 unique J

IGHV3-11*06

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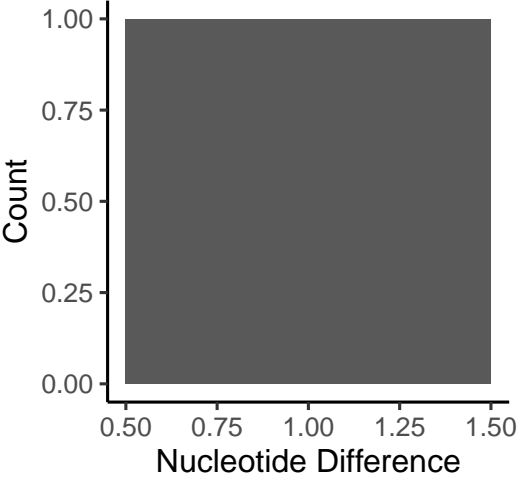1 (25%) exact matches, in which:
1 unique CDR3
1 unique J

IGHV3-21*01

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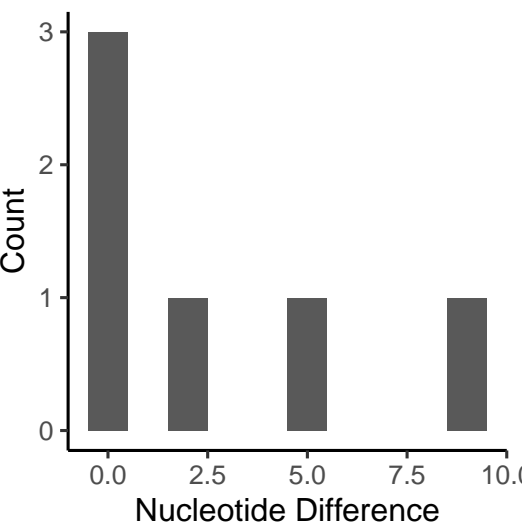6 (50%) exact matches, in which:
6 unique CDR3
4 unique J

IGHV3-43*01

1 sequences assigned
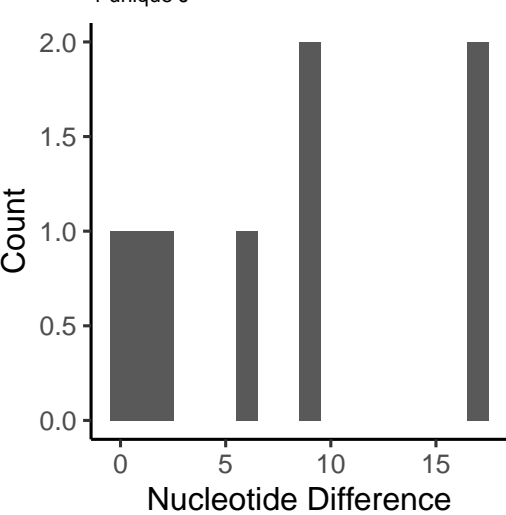No exact matches.

IGHV3-15*01

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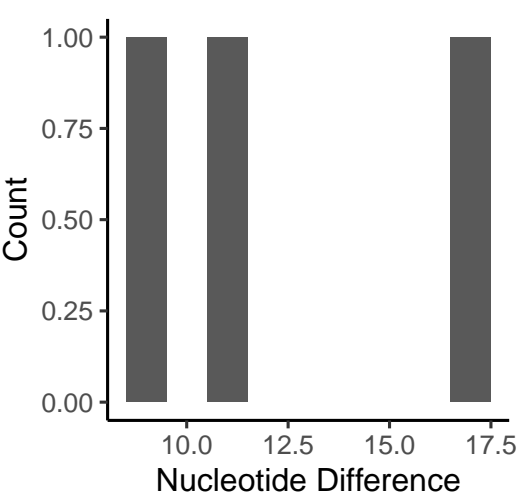3 (50%) exact matches, in which:
3 unique CDR3
1 unique J

IGHV3-30*01

8 sequences assigned
1 (12.5%) exact matches, in which:
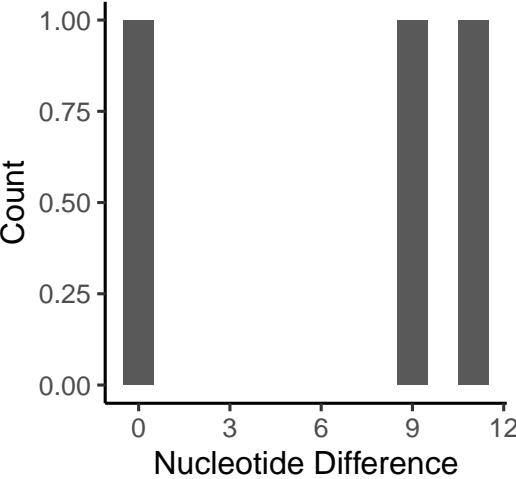1 unique CDR3
1 unique J
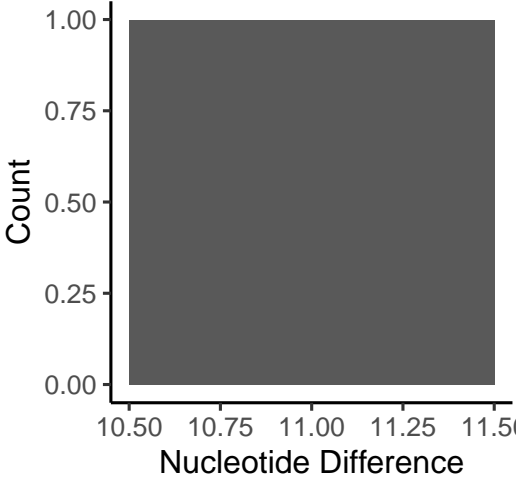
IGHV3-48*01

3 sequences assigned
No exact matches.

IGHV3-48*02

3 sequences assigned
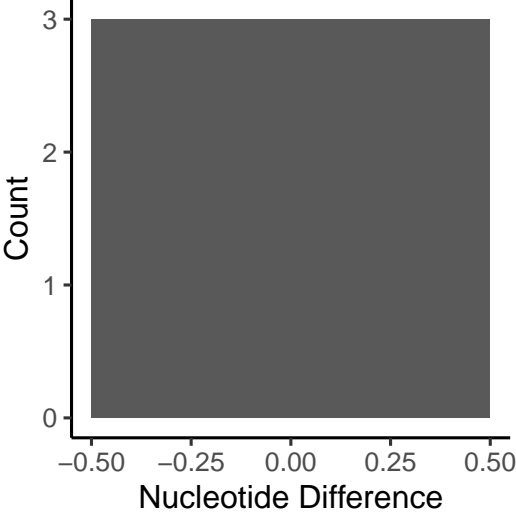1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J
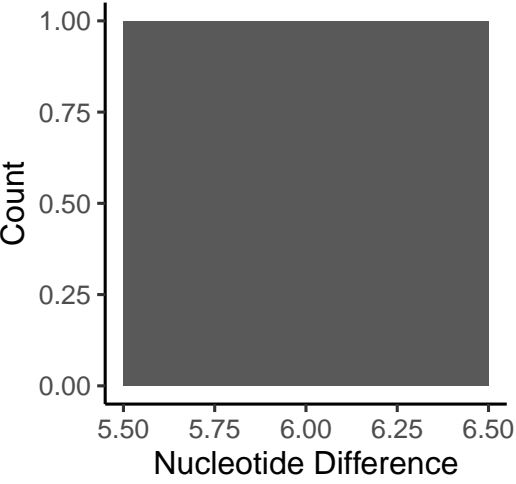
IGHV3-49*05

1 sequences assigned
No exact matches.

IGHV3-66*01

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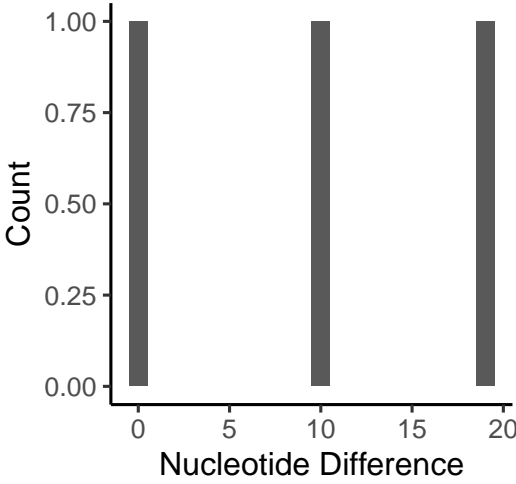3 (100%) exact matches, in which:
3 unique CDR3
1 unique J

IGHV3-48*04
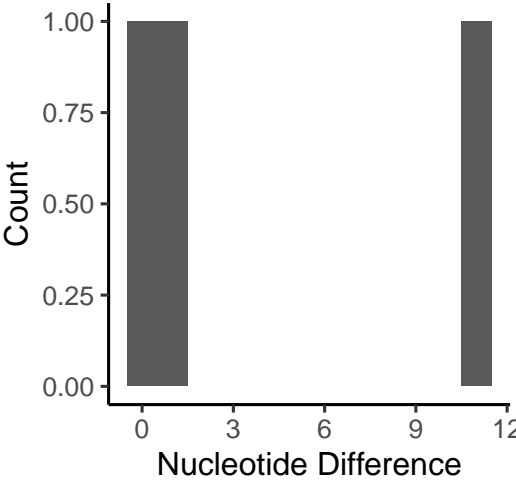
1 sequences assigned
No exact matches.

IGHV3-53*01

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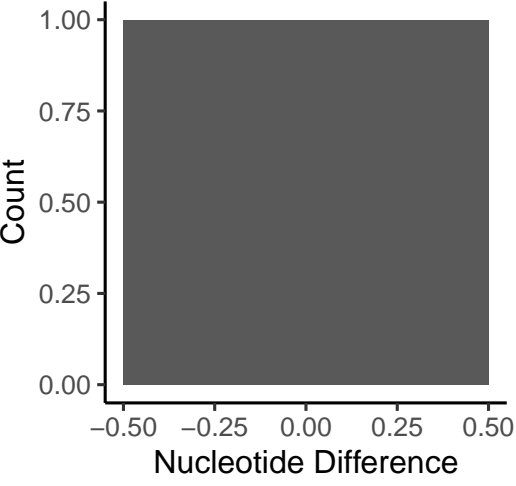1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J

IGHV3-73*02

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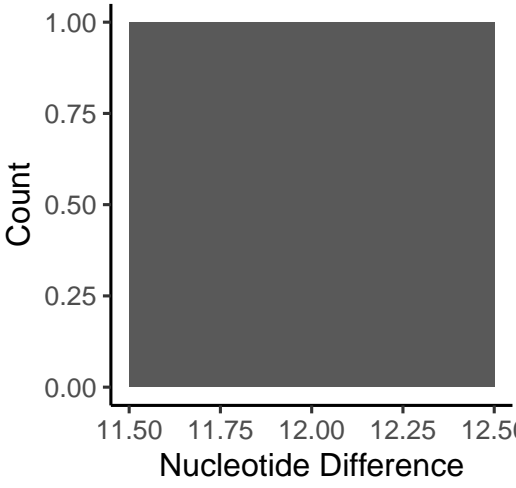1 unique CDR3
1 unique J

IGHV3-49*03

1 sequences assigned
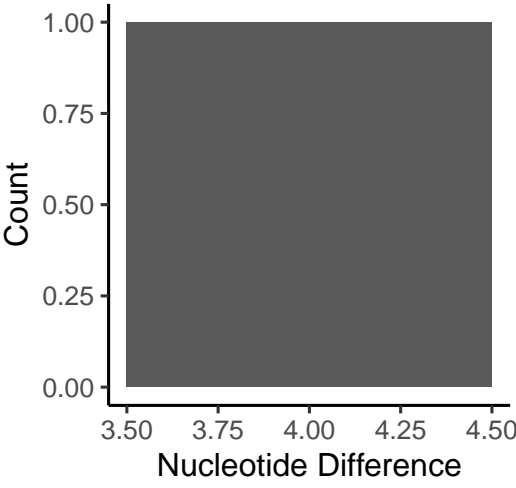1 (100%) exact matches, in which:
1 unique CDR3
1 unique J
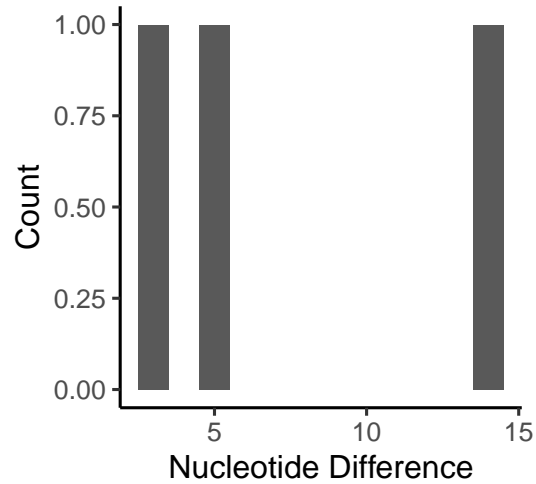
IGHV3-64*01

1 sequences assigned
No exact matches.

IGHV3-74*01

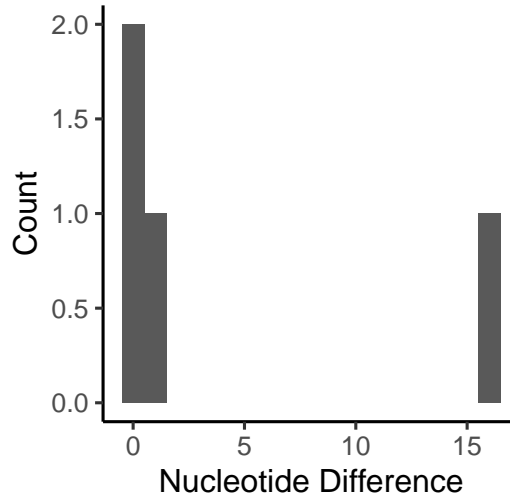2 sequences assigned
No exact matches.

IGHV4–4*02

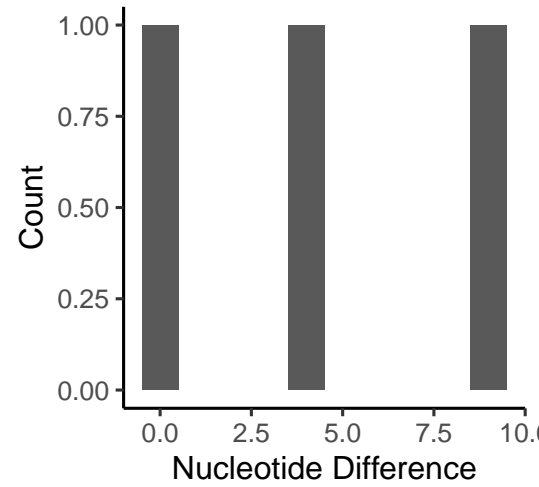3 sequences assigned
No exact matches.

IGHV4–31*03

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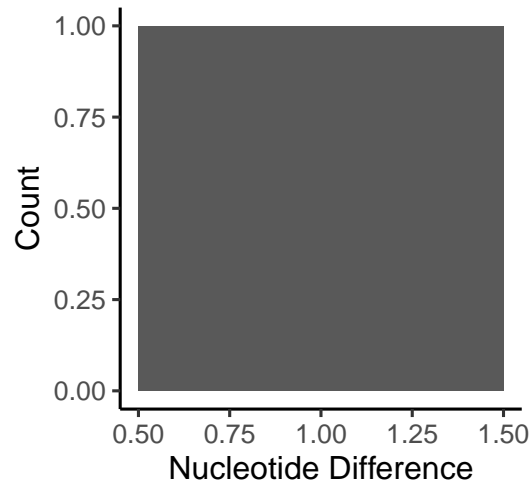2 unique CDR3
2 unique J

IGHV4–59*01

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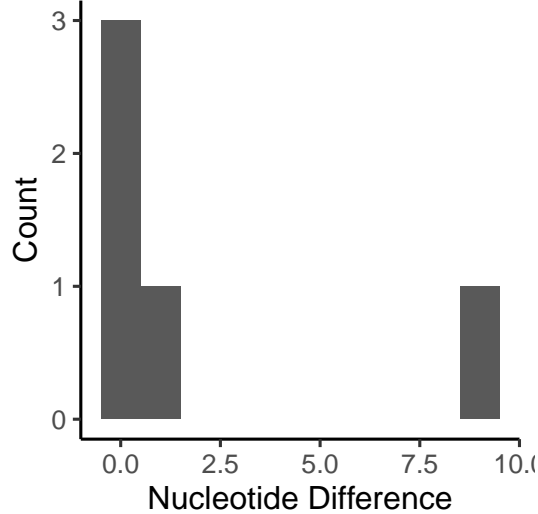1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J

IGHV4–30–2*01
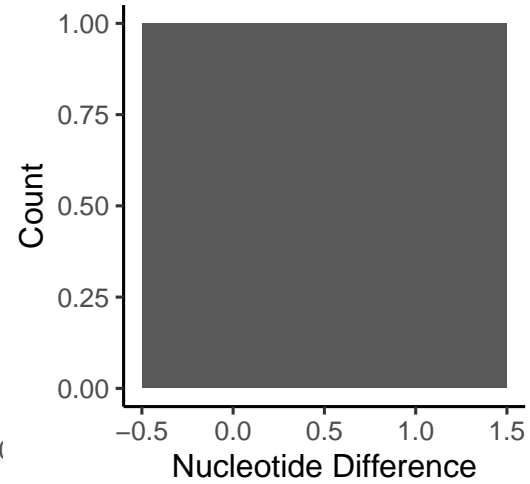
1 sequences assigned
No exact matches.

IGHV4–34*01

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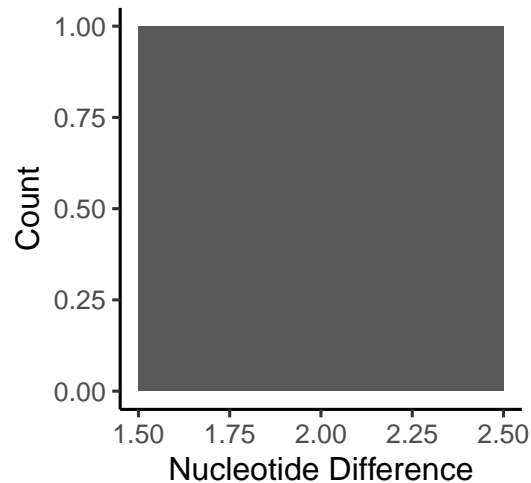3 (60%) exact matches, in which:
3 unique CDR3
2 unique J

IGHV4–59*08

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

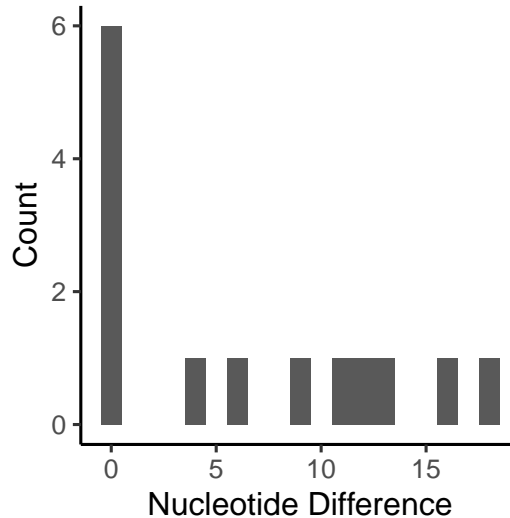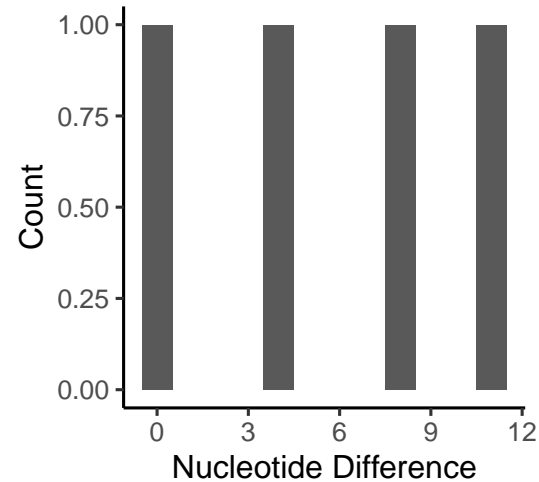## IGHV4–31*01

1 sequences assigned
No exact matches.

IGHV4–39*01

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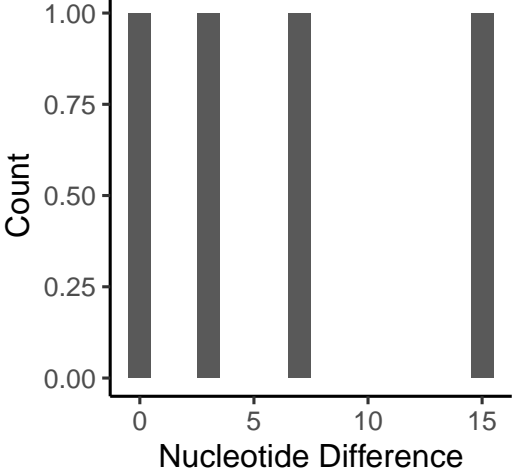6 unique CDR3
2 unique J

IGHV5–10–1*03

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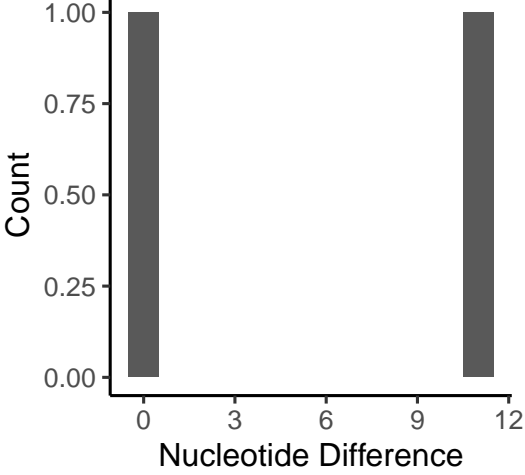1 (25%) exact matches, in which:
1 unique CDR3
1 unique J

IGHV5−51*03

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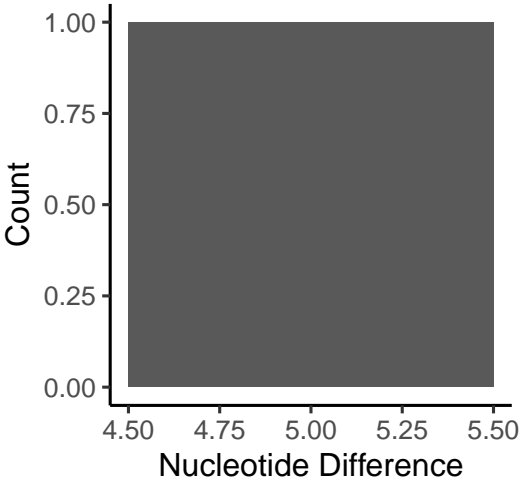1 (20%) exact matches, in which:
1 unique CDR3
1 unique J

IGHV6−1*01

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

IGHV7−4−1*02

1 sequences assigned
No exact matches.

Allele Usage

Warning – no inferred sequences found.

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