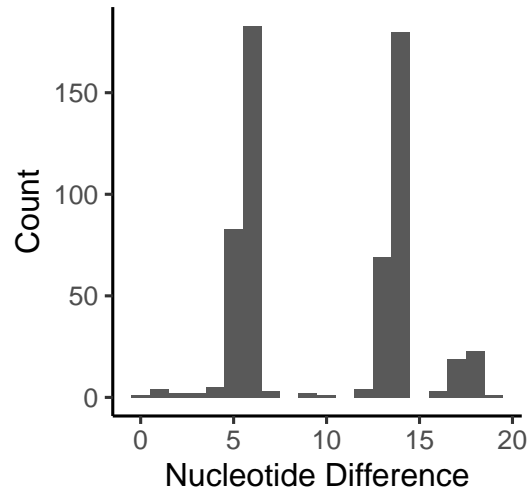


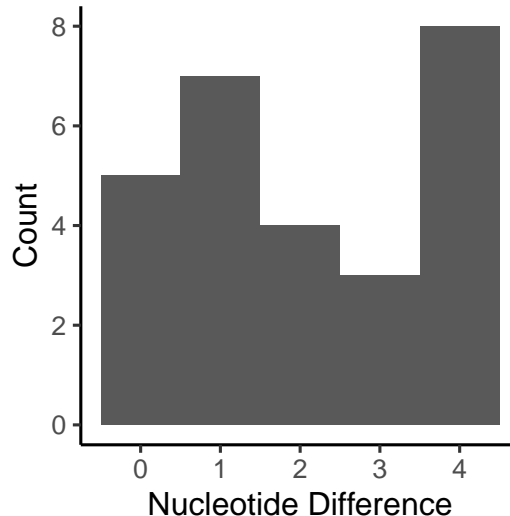
IGHV1-2*02

623 sequences assigned
1 (0.2%) exact matches, in which:
1 unique CDR3
1 unique J



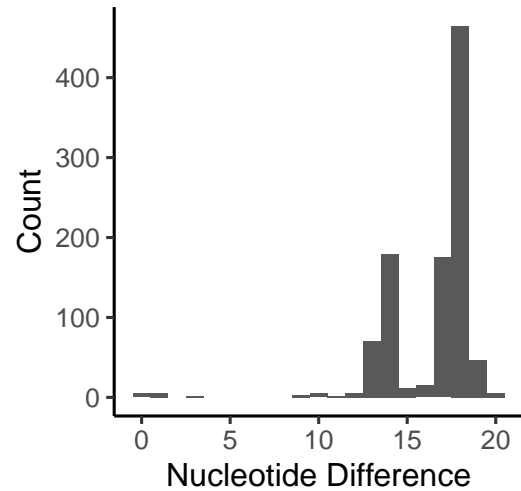
IGHV1-3*01_05

27 sequences assigned
5 (18.5%) exact matches, in which:
2 unique CDR3
2 unique J



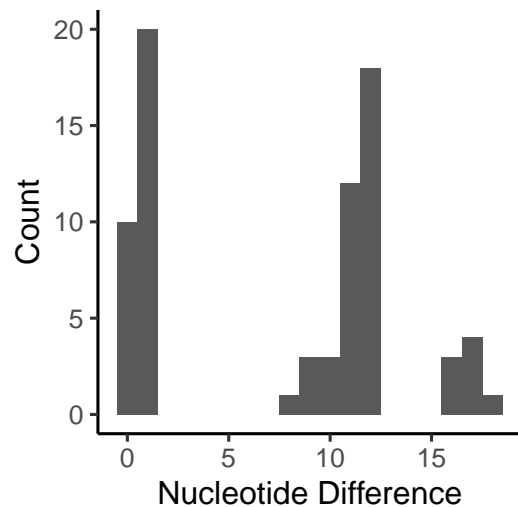
IGHV1-18*01

1069 sequences assigned
5 (0.5%) exact matches, in which:
4 unique CDR3
2 unique J



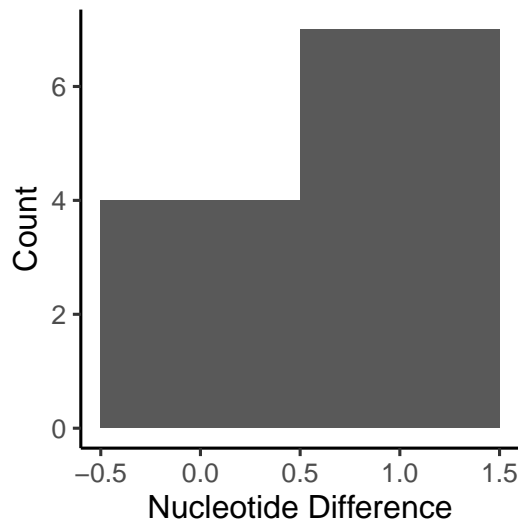
IGHV1-2*04

76 sequences assigned
10 (13.2%) exact matches, in which:
6 unique CDR3
1 unique J



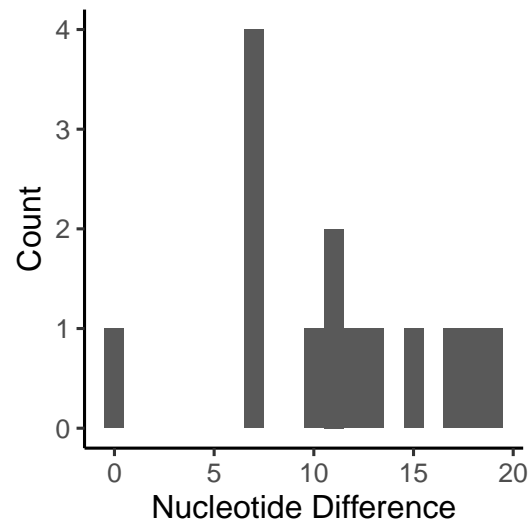
IGHV1-8*01

11 sequences assigned
4 (36.4%) exact matches, in which:
3 unique CDR3
2 unique J



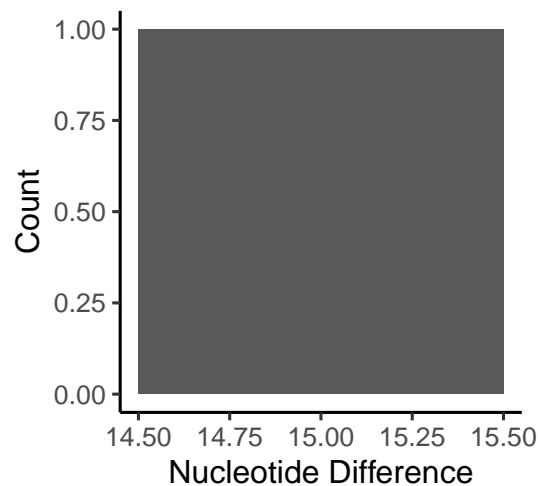
IGHV1-18*04

16 sequences assigned
1 (6.2%) exact matches, in which:
1 unique CDR3
1 unique J



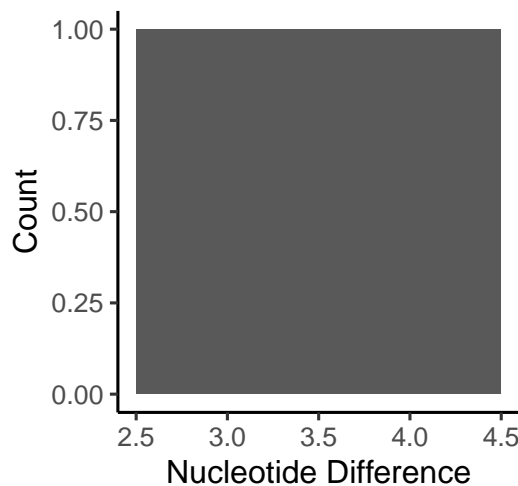
IGHV1-3*04

1 sequences assigned
No exact matches.



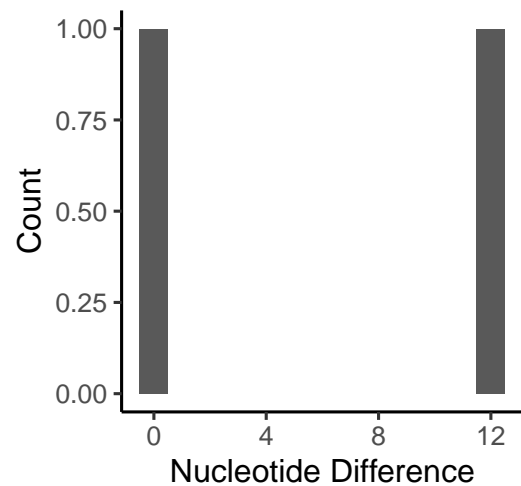
IGHV1-8*03

2 sequences assigned
No exact matches.



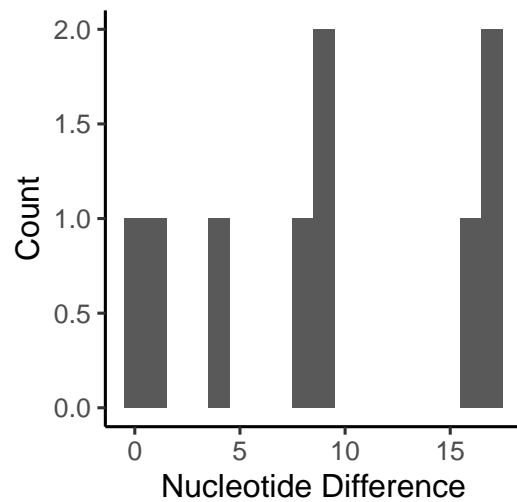
IGHV1-24*01

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



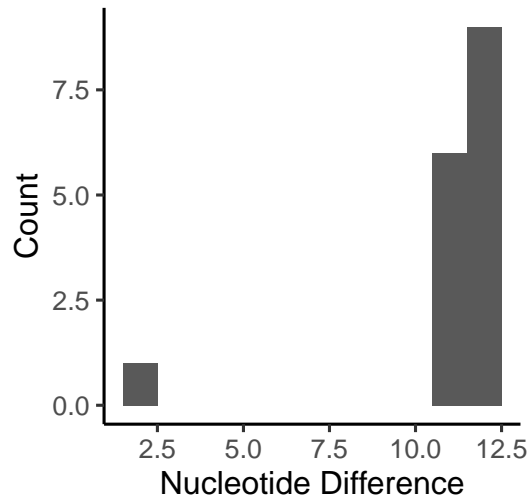
IGHV1-46*01

22 sequences assigned
1 (4.5%) exact matches, in which:
1 unique CDR3
1 unique J



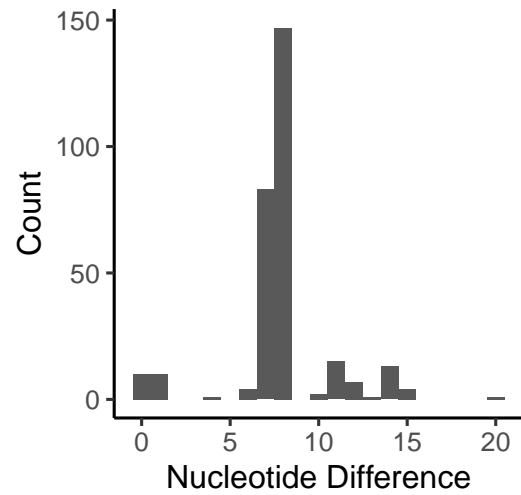
IGHV1-69*06_14

16 sequences assigned
No exact matches.



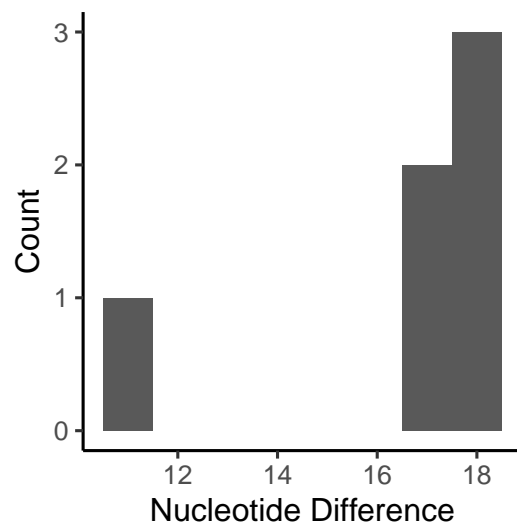
IGHV3-7*01

300 sequences assigned
10 (3.3%) exact matches, in which:
4 unique CDR3
3 unique J



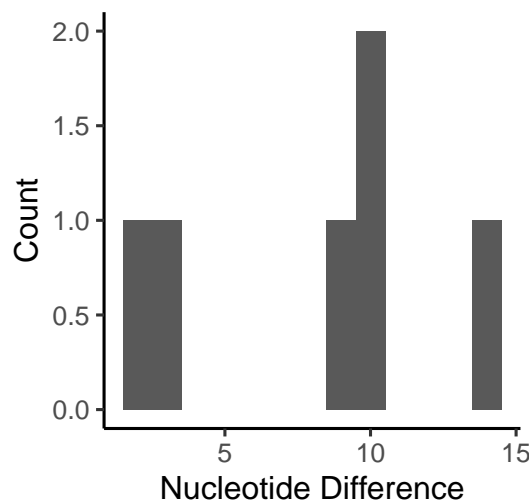
IGHV1-69*02

6 sequences assigned
No exact matches.



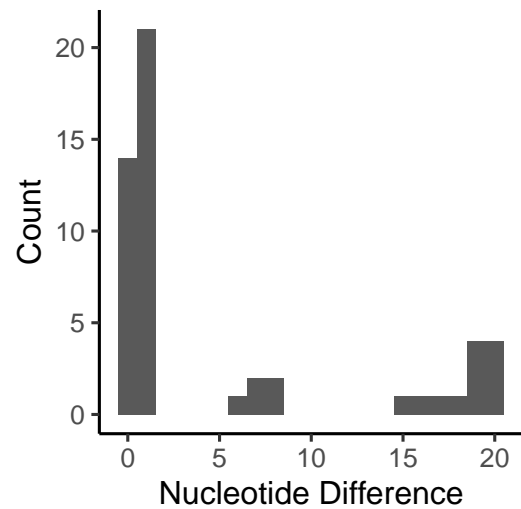
IGHV2-5*01

6 sequences assigned
No exact matches.



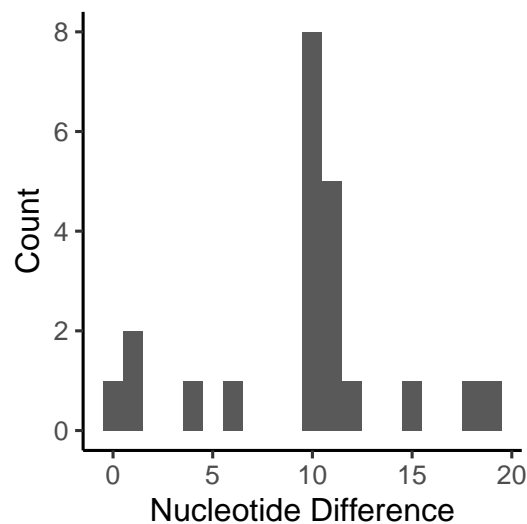
IGHV3-7*03

399 sequences assigned
14 (3.5%) exact matches, in which:
7 unique CDR3
1 unique J



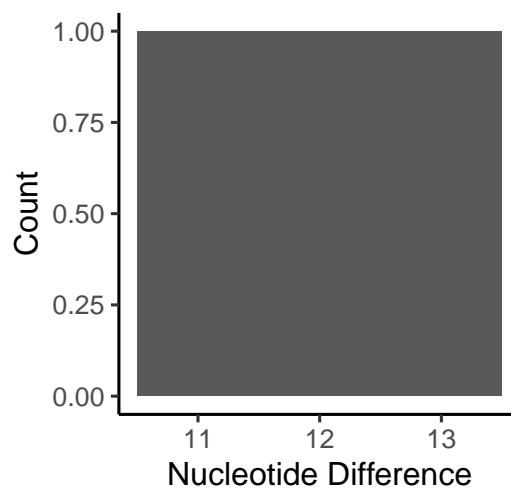
IGHV1-69*01_12_13

22 sequences assigned
1 (4.5%) exact matches, in which:
1 unique CDR3
1 unique J



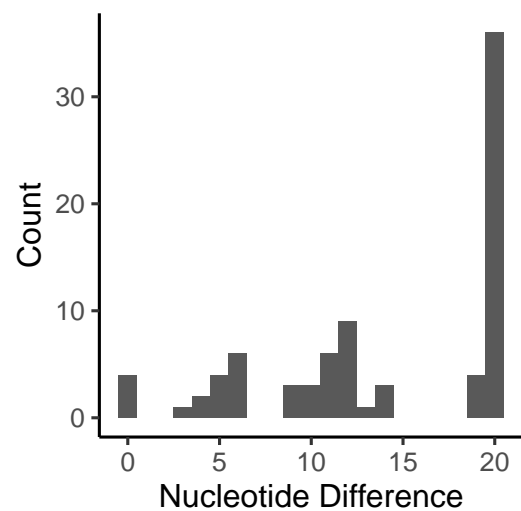
IGHV2-5*02

5 sequences assigned
No exact matches.



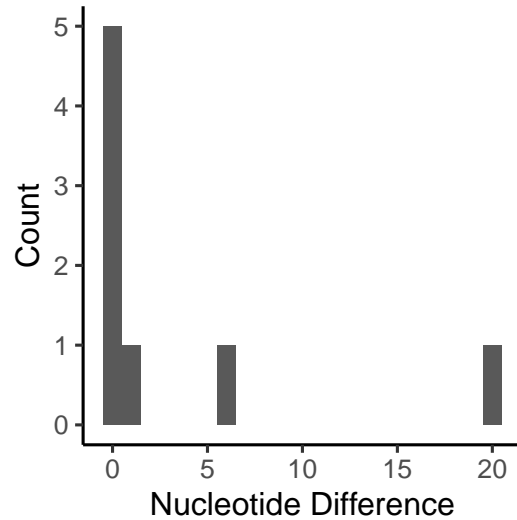
IGHV3-9*01

154 sequences assigned
4 (2.6%) exact matches, in which:
2 unique CDR3
2 unique J



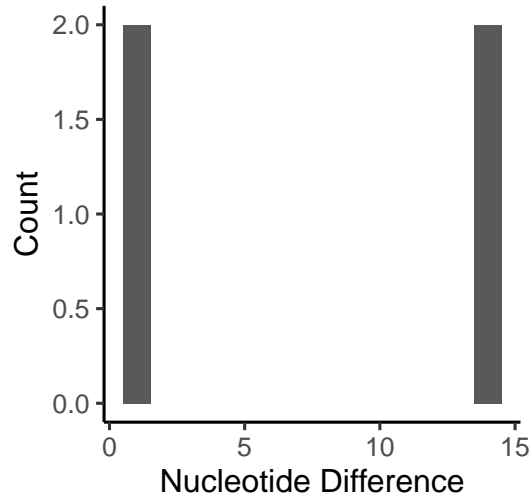
IGHV3-9*03

8 sequences assigned
5 (62.5%) exact matches, in which:
3 unique CDR3
2 unique J



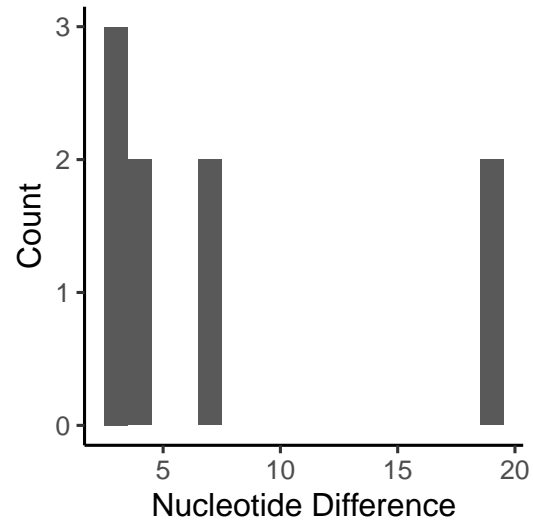
IGHV3-11*03_05

4 sequences assigned
No exact matches.



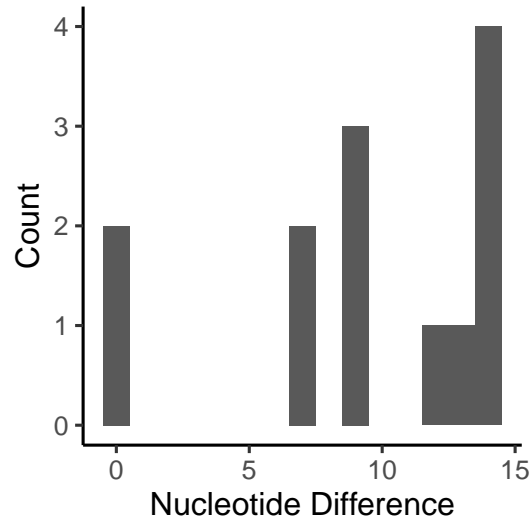
IGHV3-15*01_02

32 sequences assigned
No exact matches.



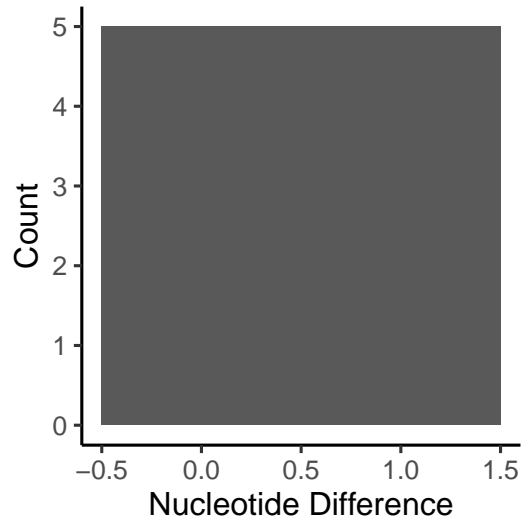
IGHV3-11*01

13 sequences assigned
2 (15.4%) exact matches, in which:
1 unique CDR3
1 unique J



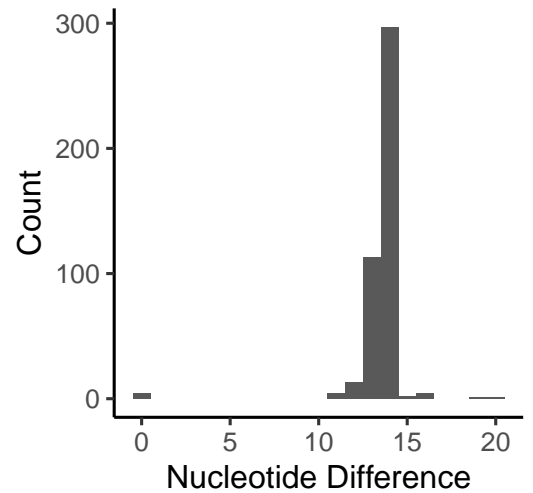
IGHV3-13*01

10 sequences assigned
5 (50%) exact matches, in which:
4 unique CDR3
1 unique J



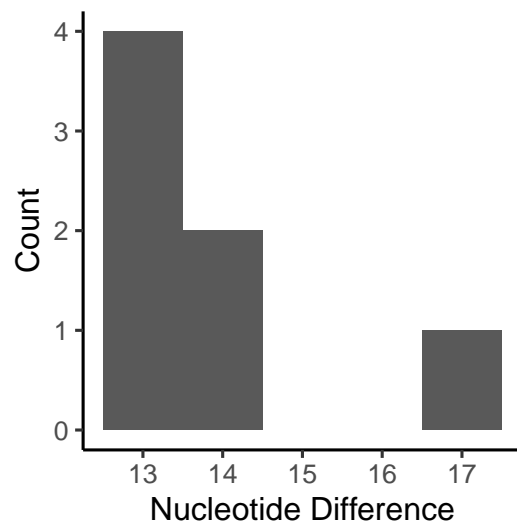
IGHV3-21*01_02

441 sequences assigned
4 (0.9%) exact matches, in which:
2 unique CDR3
1 unique J



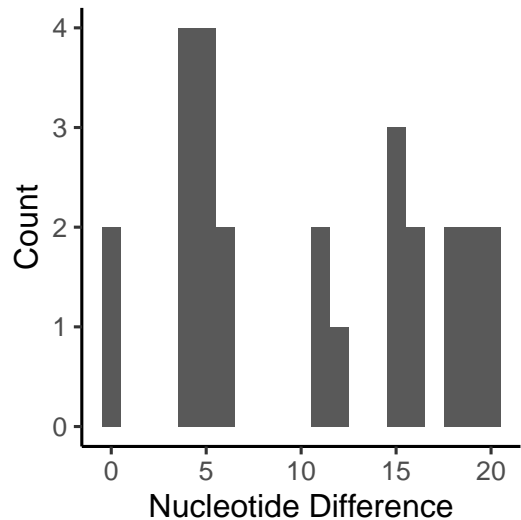
IGHV3-11*04

9 sequences assigned
No exact matches.



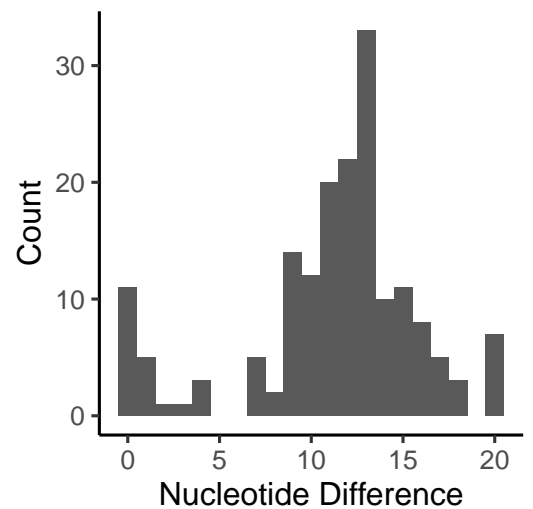
IGHV3-15*07

26 sequences assigned
2 (7.7%) exact matches, in which:
1 unique CDR3
1 unique J



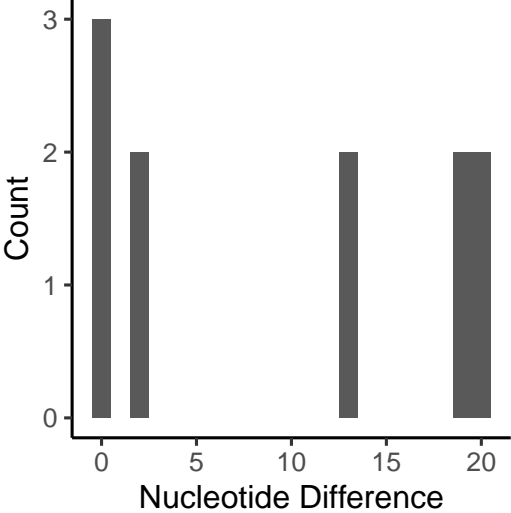
IGHV3-23*01_04

310 sequences assigned
11 (3.5%) exact matches, in which:
6 unique CDR3
2 unique J



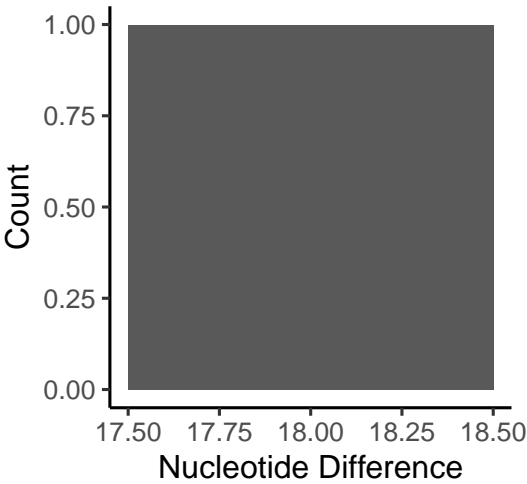
IGHV3-33*01

12 sequences assigned
3 (25%) exact matches, in which:
2 unique CDR3
1 unique J



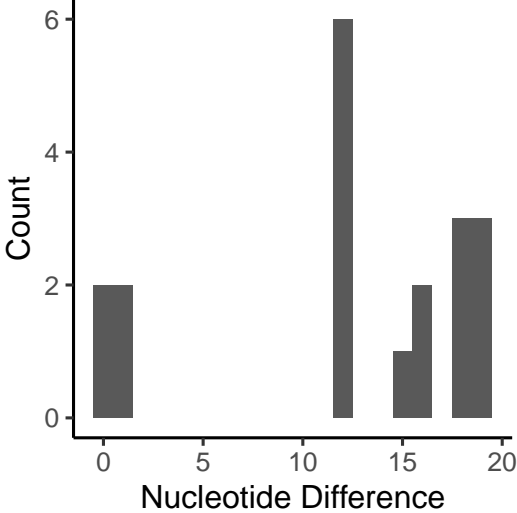
IGHV3-48*03

1 sequences assigned
No exact matches.



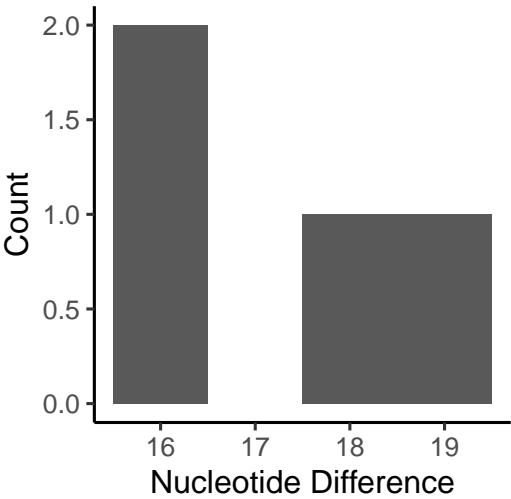
IGHV3-53*01_02

19 sequences assigned
2 (10.5%) exact matches, in which:
1 unique CDR3
1 unique J



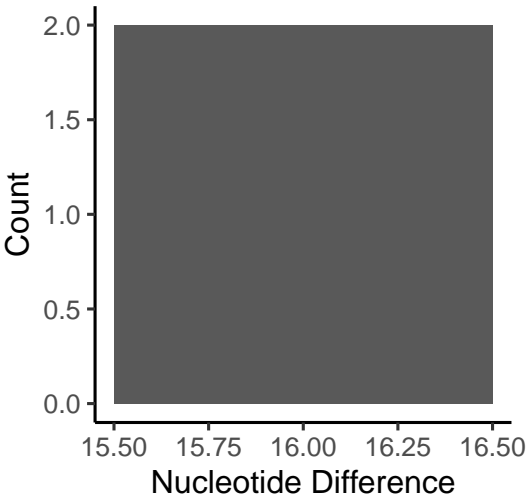
IGHV3-48*01

4 sequences assigned
No exact matches.



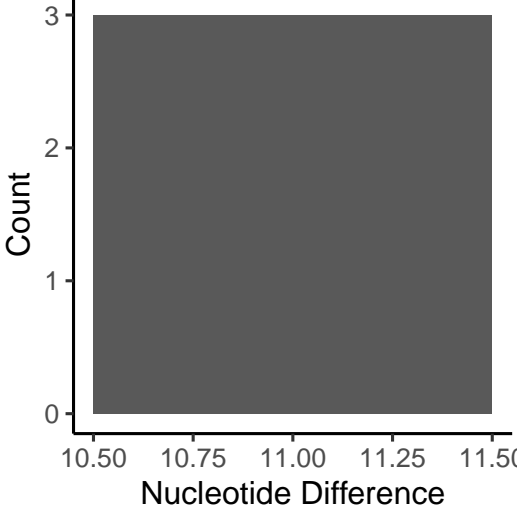
IGHV3-48*04

2 sequences assigned
No exact matches.



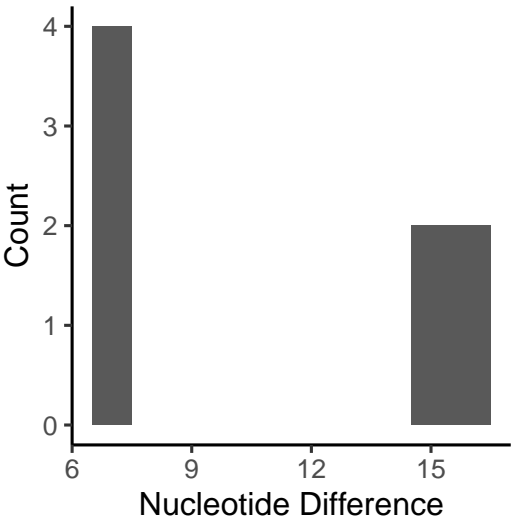
IGHV3-66*02

9 sequences assigned
No exact matches.



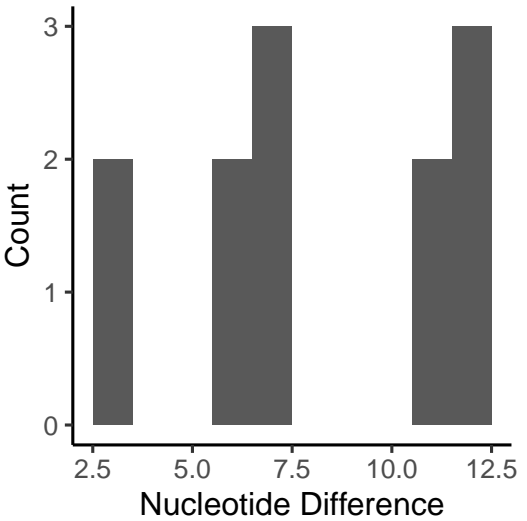
IGHV3-48*02

10 sequences assigned
No exact matches.



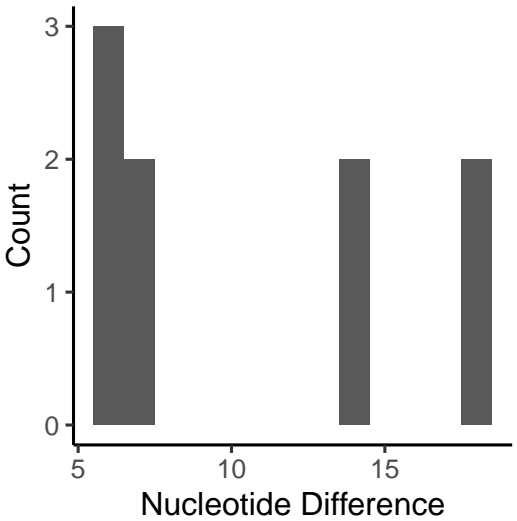
IGHV3-49*03_05

13 sequences assigned
No exact matches.



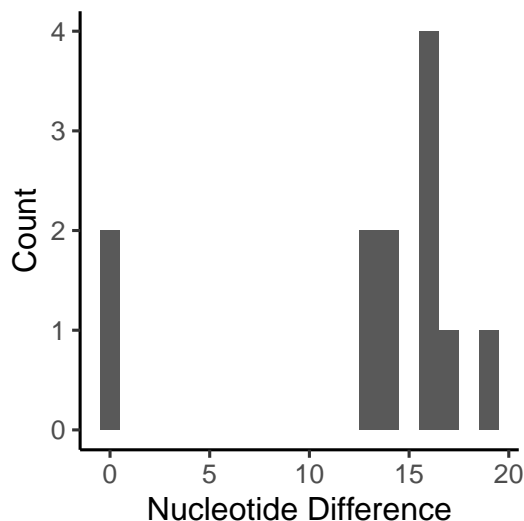
IGHV3-72*01

9 sequences assigned
No exact matches.



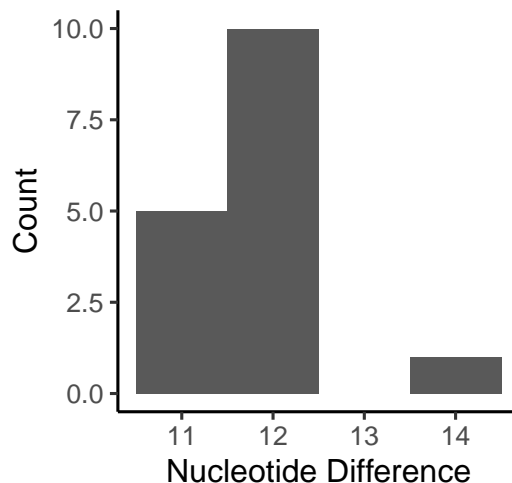
IGHV3-73*01_02

12 sequences assigned
2 (16.7%) exact matches, in which:
1 unique CDR3
1 unique J



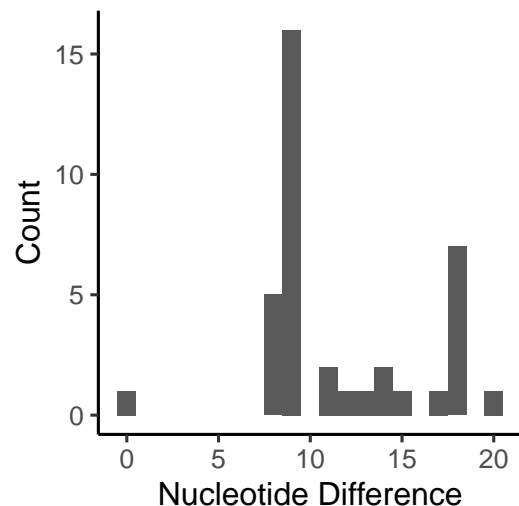
IGHV4-4*07

20 sequences assigned
No exact matches.



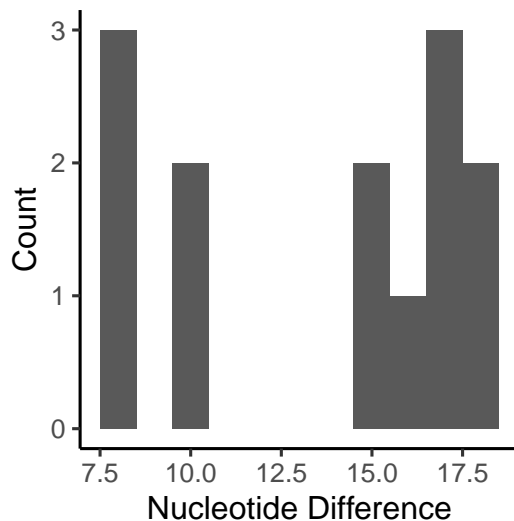
IGHV4-31*02

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



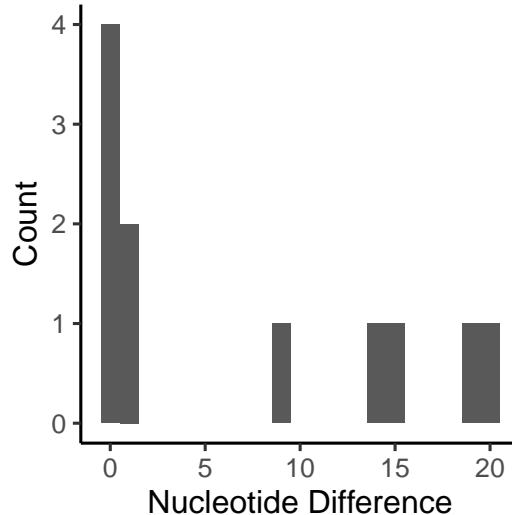
IGHV3-74*03

13 sequences assigned
No exact matches.



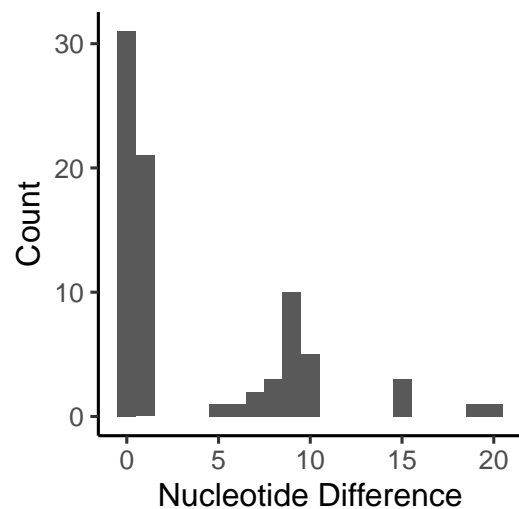
IGHV4-4*02_03

13 sequences assigned
4 (30.8%) exact matches, in which:
3 unique CDR3
2 unique J



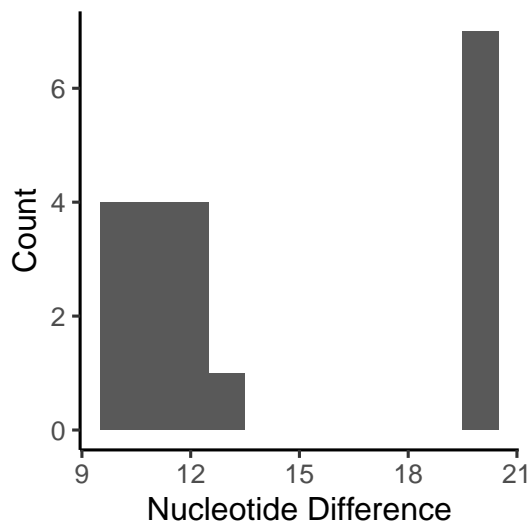
IGHV4-34*01_02

651 sequences assigned
31 (4.8%) exact matches, in which:
14 unique CDR3
3 unique J



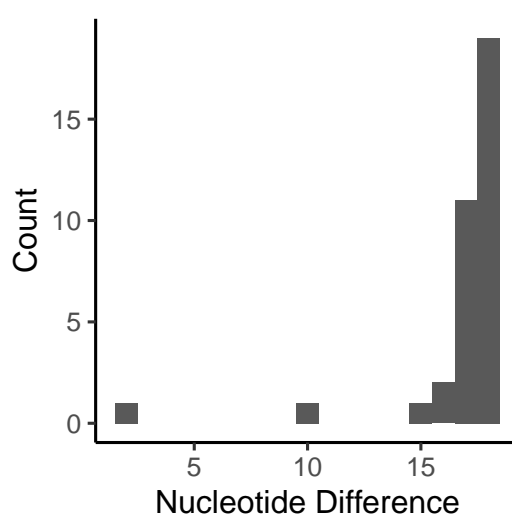
IGHV3-74*01_02

22 sequences assigned
No exact matches.



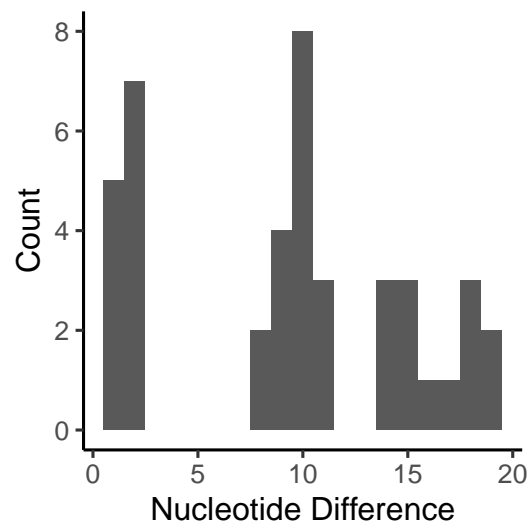
IGHV4-30-2*03

35 sequences assigned
No exact matches.



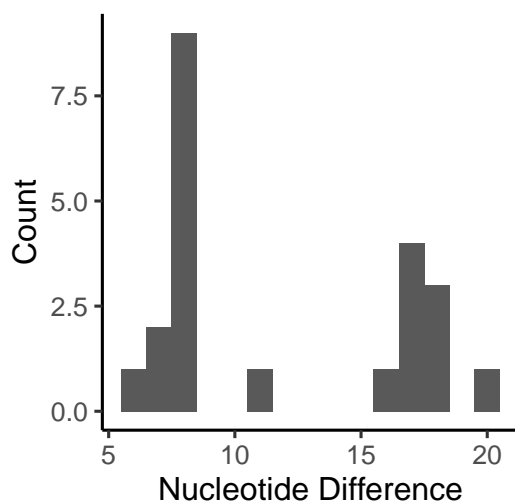
IGHV4-39*02

148 sequences assigned
No exact matches.



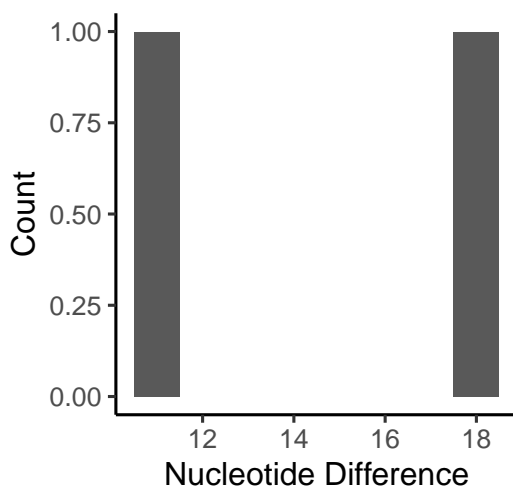
IGHV4-59*02

23 sequences assigned
No exact matches.



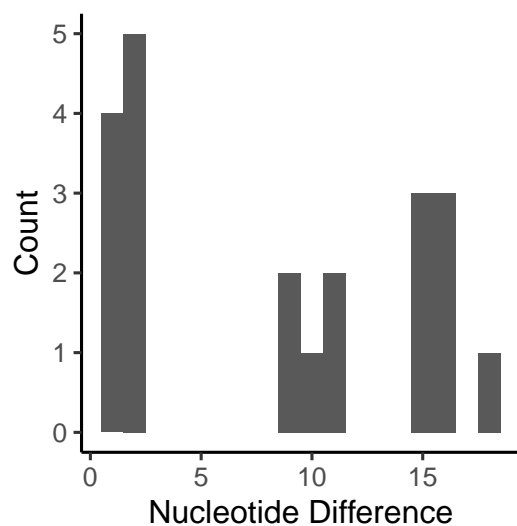
IGHV4-59*12

462 sequences assigned
No exact matches.



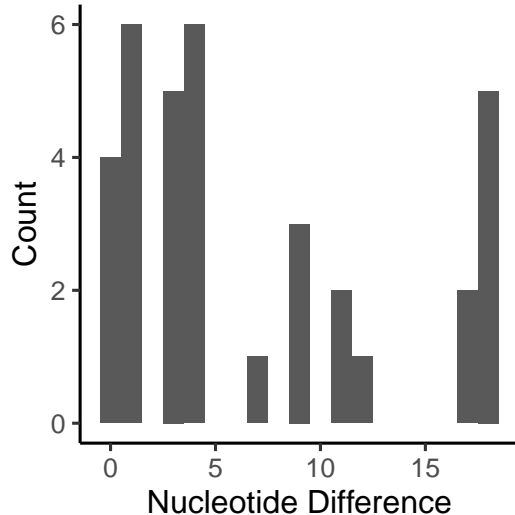
IGHV5-51*07

22 sequences assigned
No exact matches.



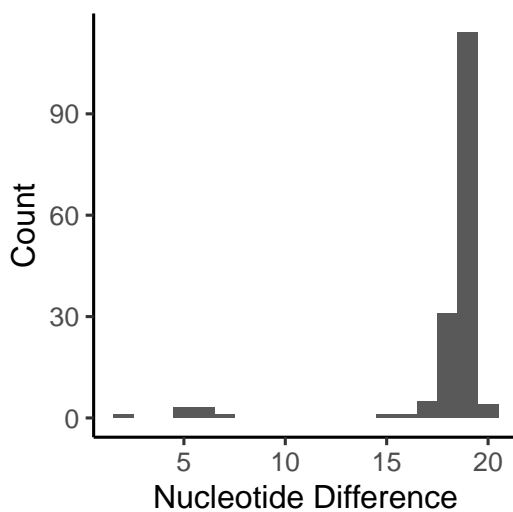
IGHV4-59*01_07

63 sequences assigned
4 (6.3%) exact matches, in which:
4 unique CDR3
1 unique J



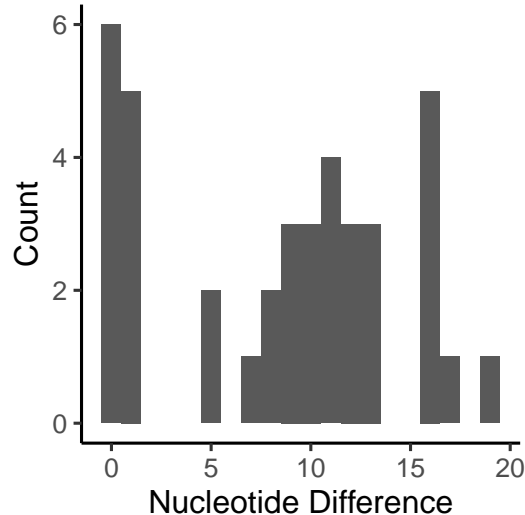
IGHV4-61*02

169 sequences assigned
No exact matches.



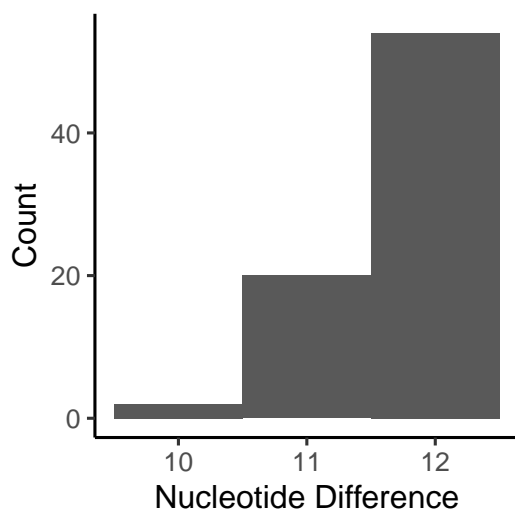
IGHV5-51*01_03

40 sequences assigned
6 (15%) exact matches, in which:
2 unique CDR3
1 unique J



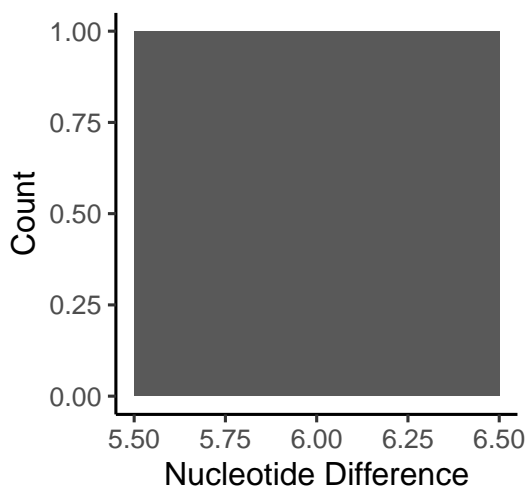
IGHV4-59*11

77 sequences assigned
No exact matches.



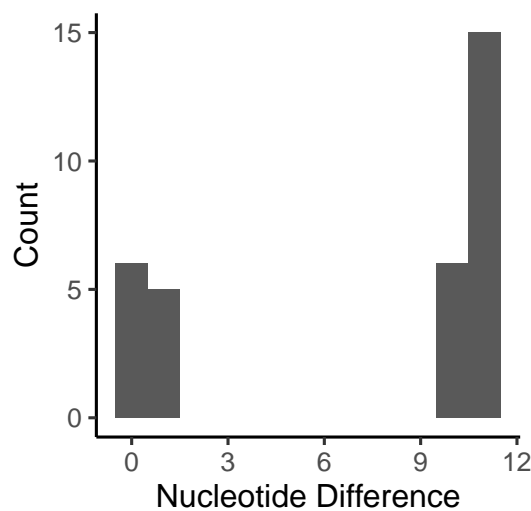
IGHV5-10-1*01_03

2 sequences assigned
No exact matches.

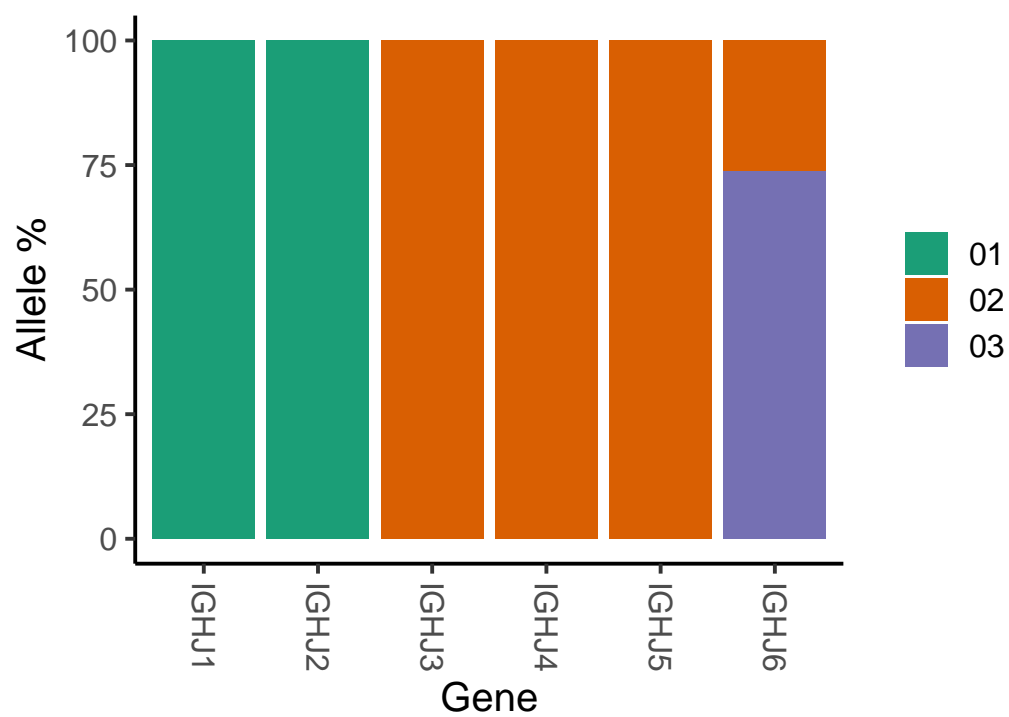


IGHV6-1*01_02

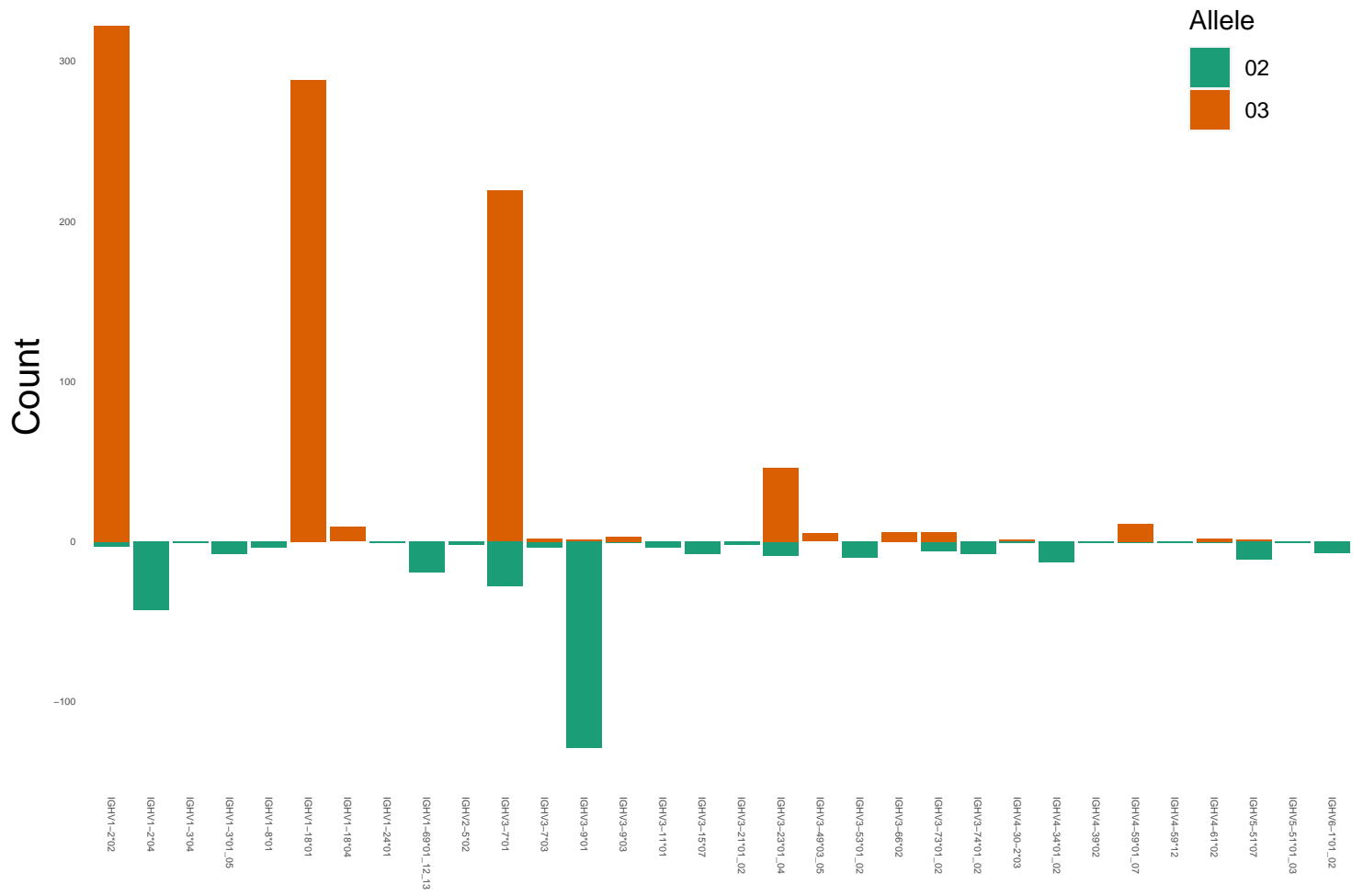
36 sequences assigned
6 (16.7%) exact matches, in which:
6 unique CDR3
4 unique J



Allele Usage



Sequence Count byIGHJ6 allele usage



Warning – no inferred sequences found.