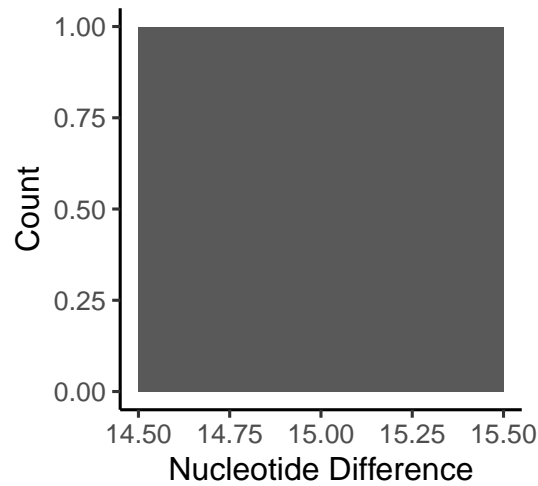


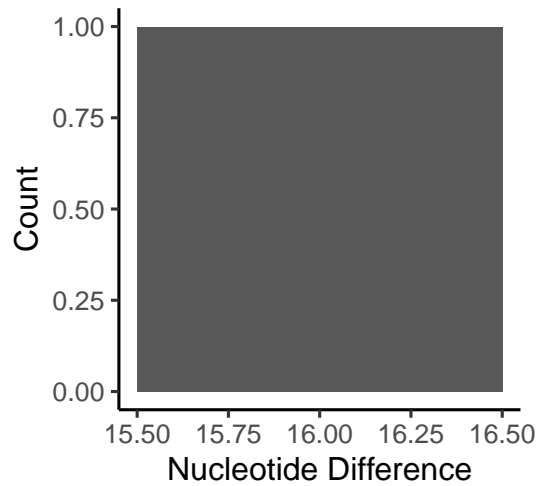
IGHV1-2*02

1 sequences assigned
No exact matches.



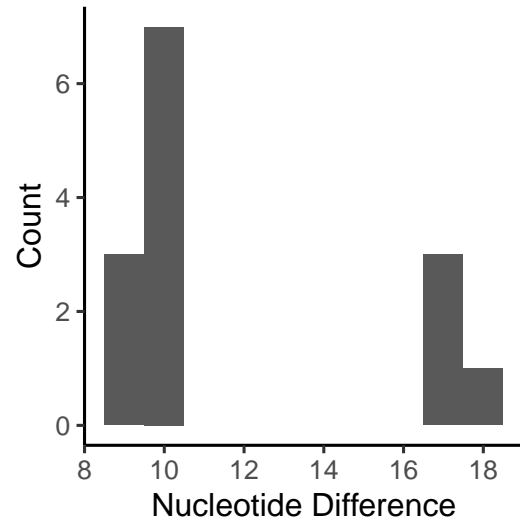
IGHV1-46*01

1 sequences assigned
No exact matches.



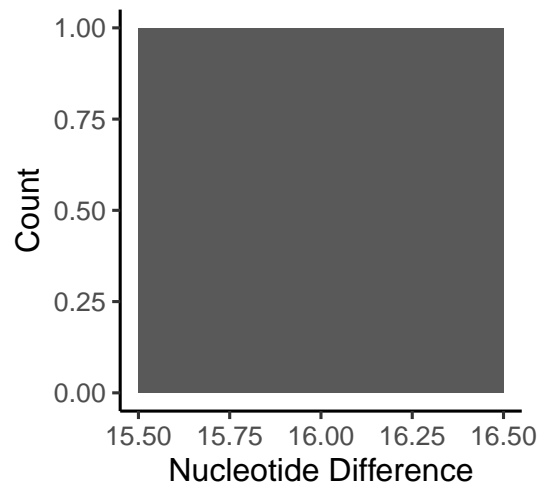
IGHV3-9*01

15 sequences assigned
No exact matches.



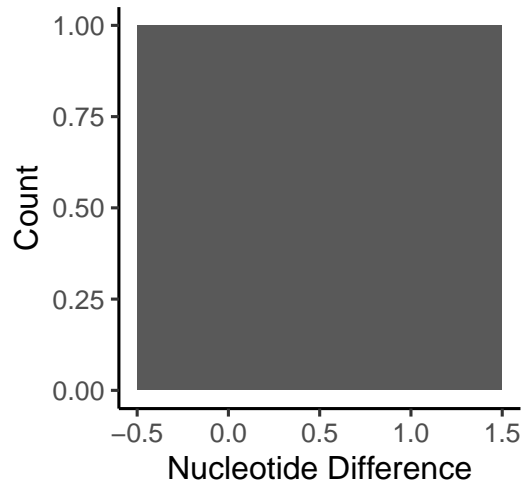
IGHV1-18*01

1 sequences assigned
No exact matches.



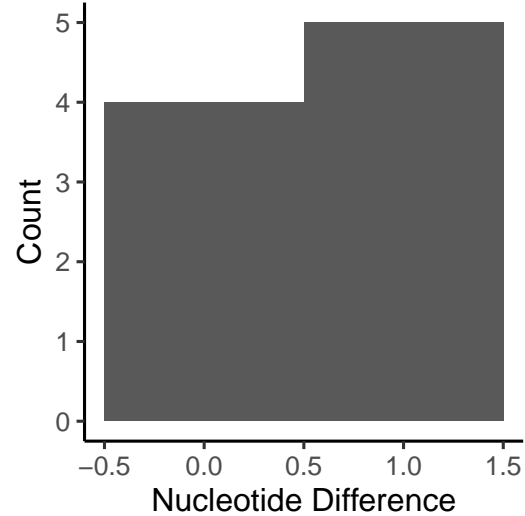
IGHV1-46*03

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



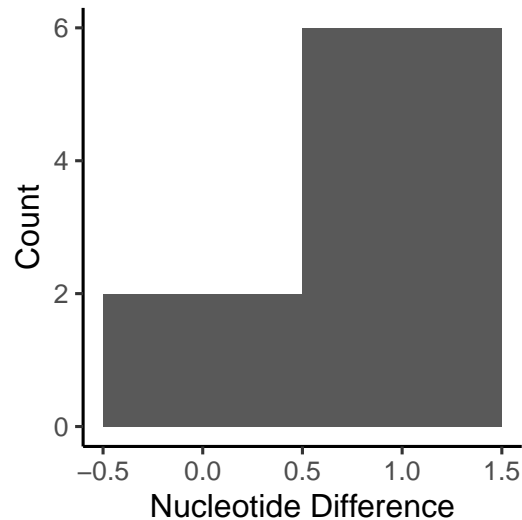
IGHV3-11*04

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



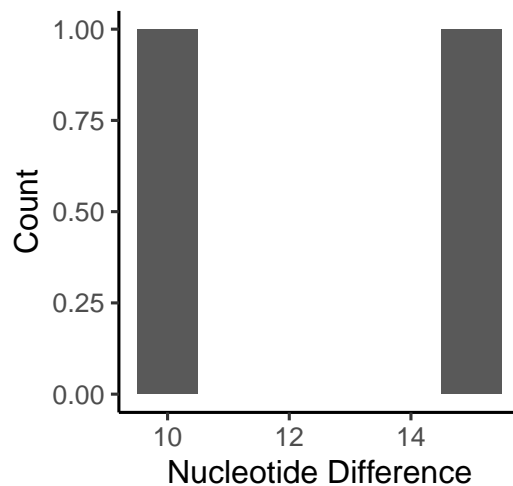
IGHV1-18*04

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



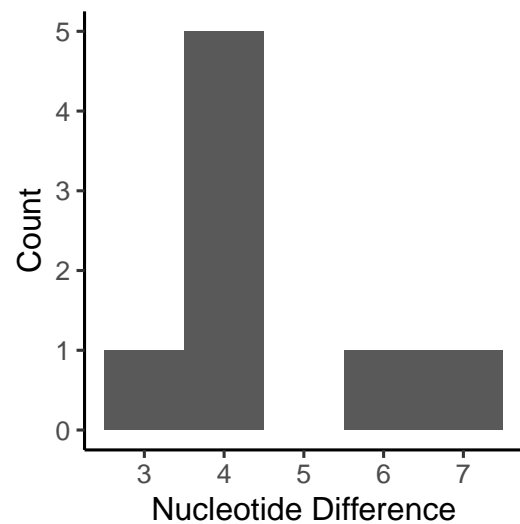
IGHV3-7*03

3 sequences assigned
No exact matches.



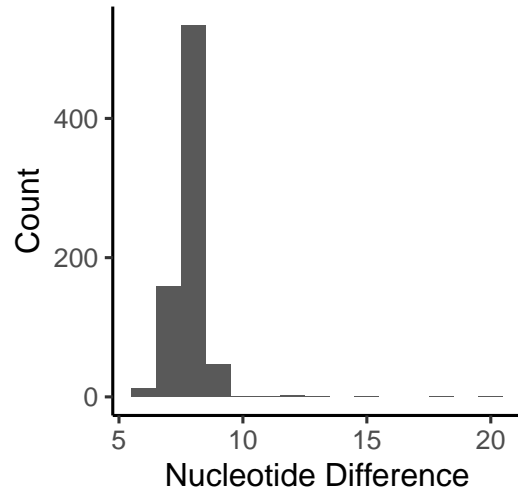
IGHV3-13*01

8 sequences assigned
No exact matches.



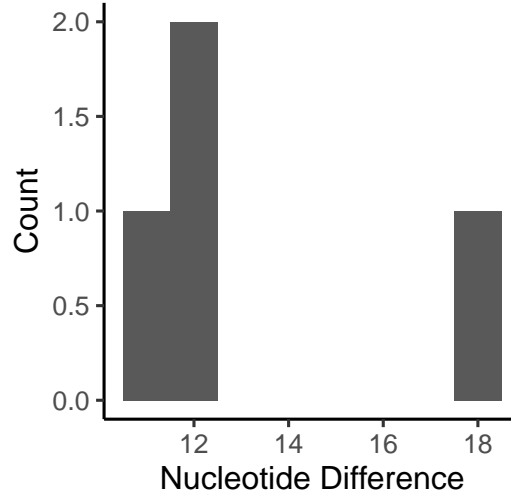
IGHV3–15*01_02

759 sequences assigned
No exact matches.



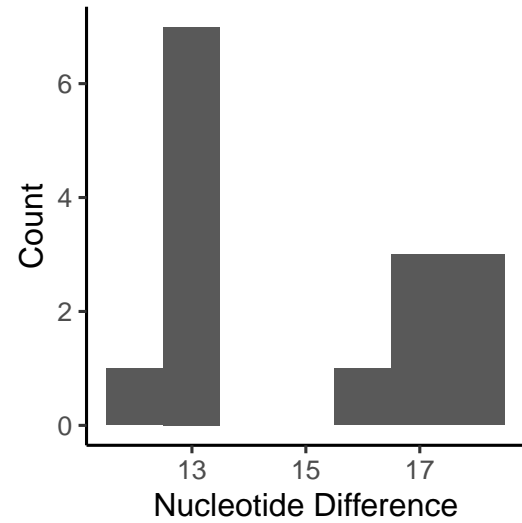
IGHV3–48*03

4 sequences assigned
No exact matches.



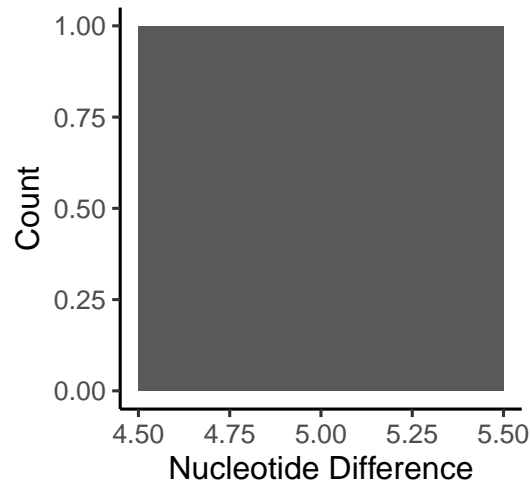
IGHV4–4*07

15 sequences assigned
No exact matches.



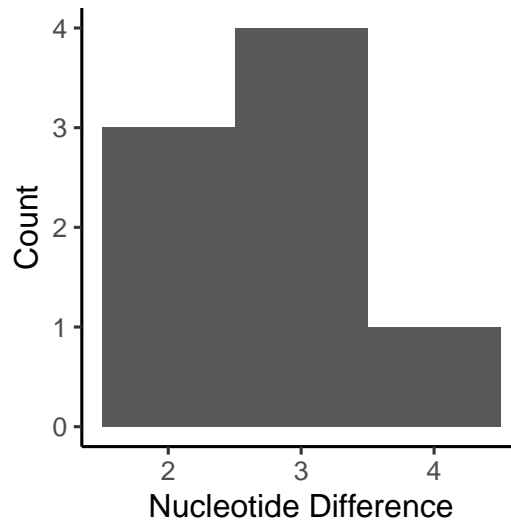
IGHV3–21*01_02

1 sequences assigned
No exact matches.



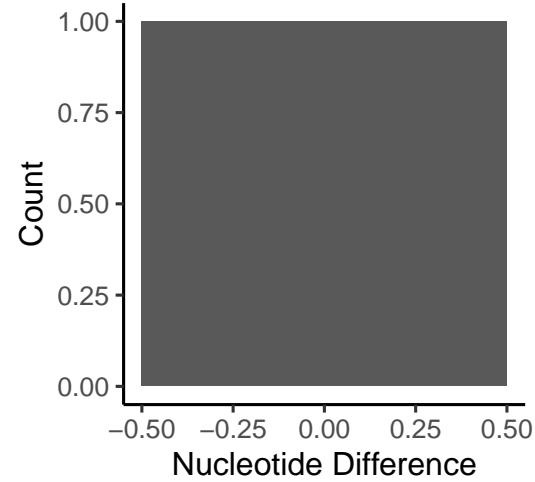
IGHV3–66*01

8 sequences assigned
No exact matches.



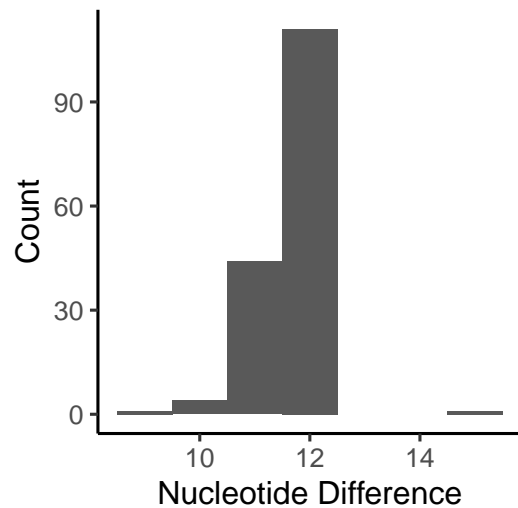
IGHV4–31*02

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



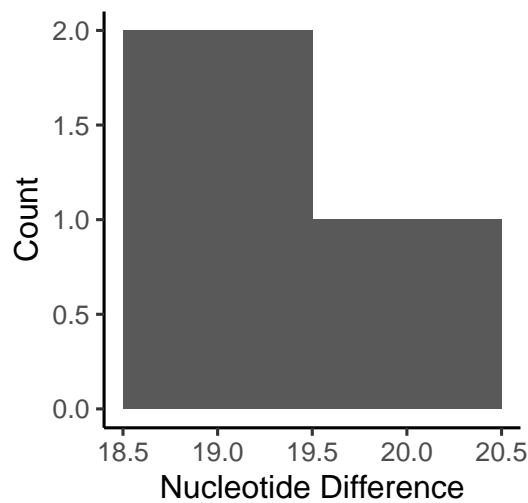
IGHV3–23*01_04

165 sequences assigned
No exact matches.



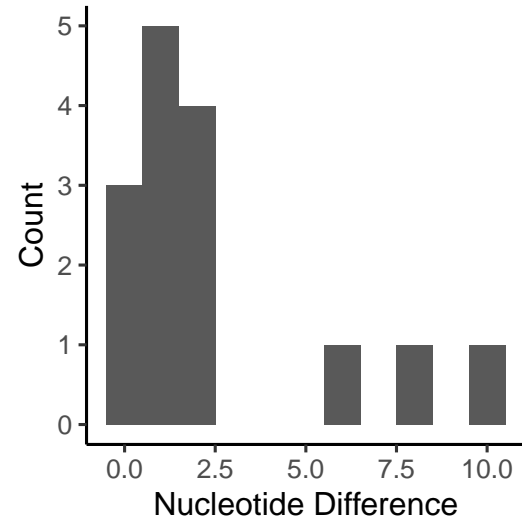
IGHV3–74*03

3 sequences assigned
No exact matches.



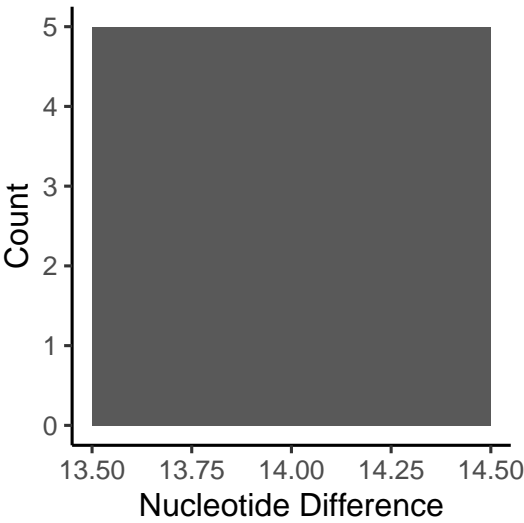
IGHV4–34*01_02

15 sequences assigned
3 (20%) exact matches, in which:
2 unique CDR3
1 unique J



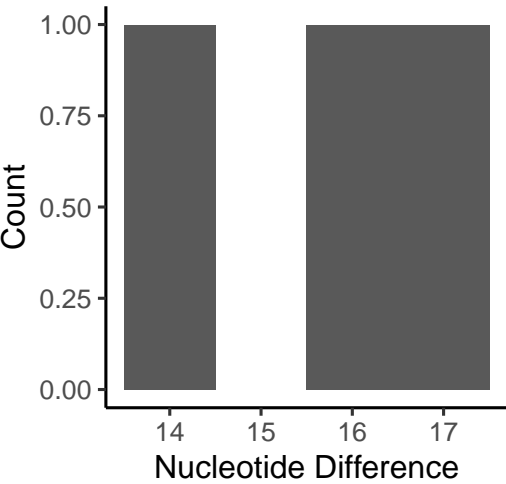
IGHV4-39*02

6 sequences assigned
No exact matches.



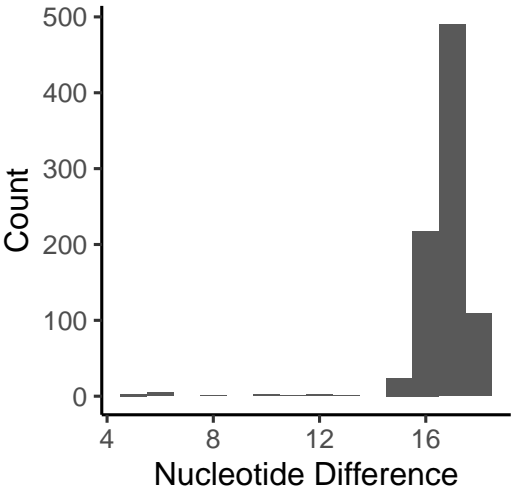
IGHV4-61*08

4 sequences assigned
No exact matches.



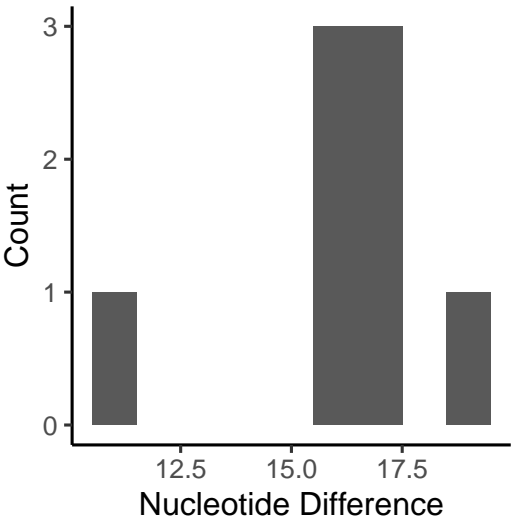
IGHV4-59*01_07

857 sequences assigned
No exact matches.

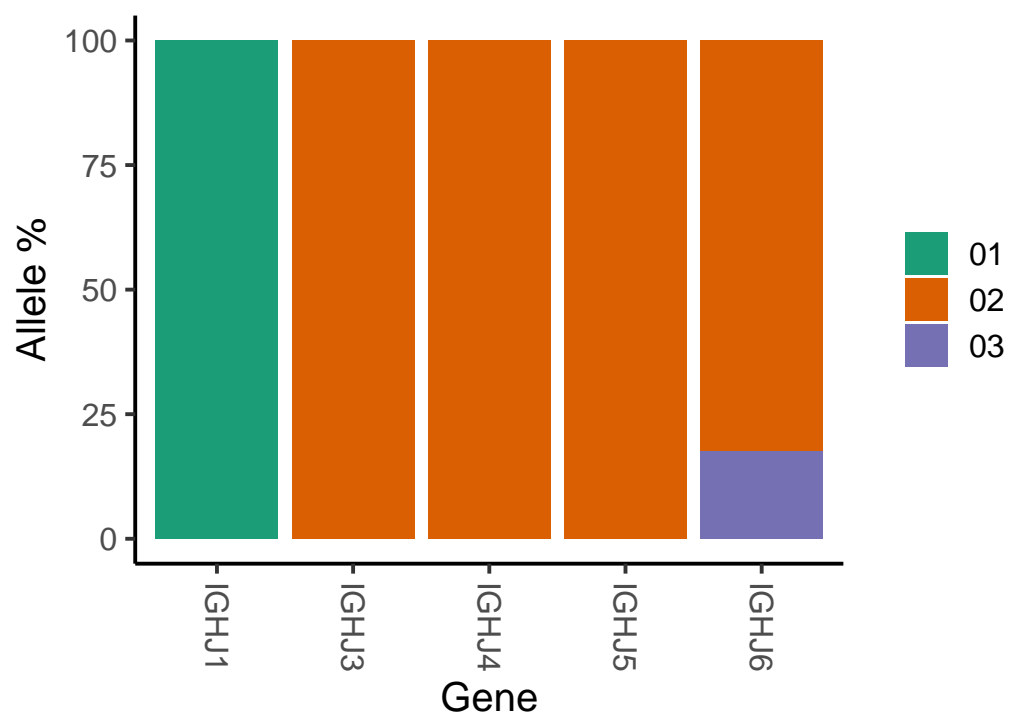


IGHV4-59*12

8 sequences assigned
No exact matches.



Allele Usage



Warning – no inferred sequences found.