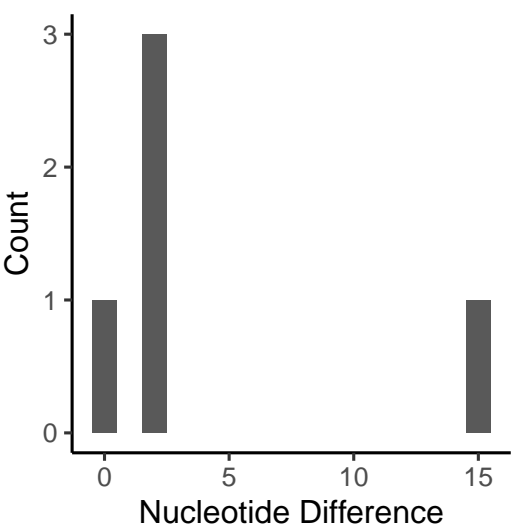


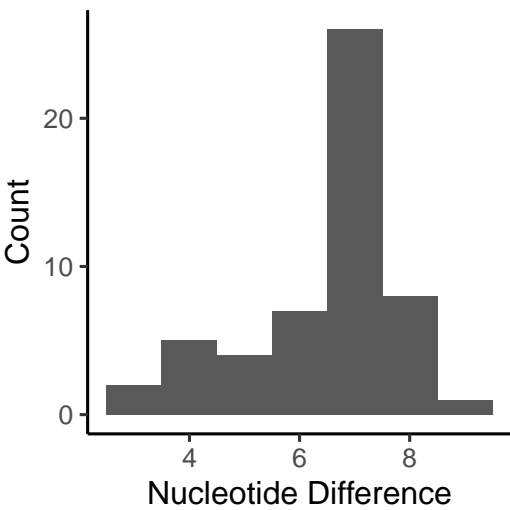
IGHV1-2*02

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



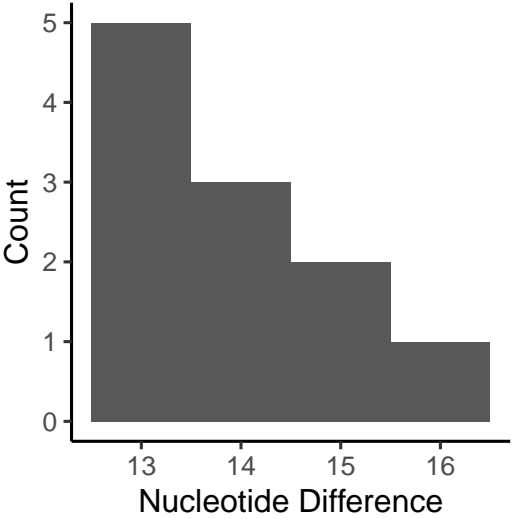
IGHV1-18*01

54 sequences assigned
No exact matches.



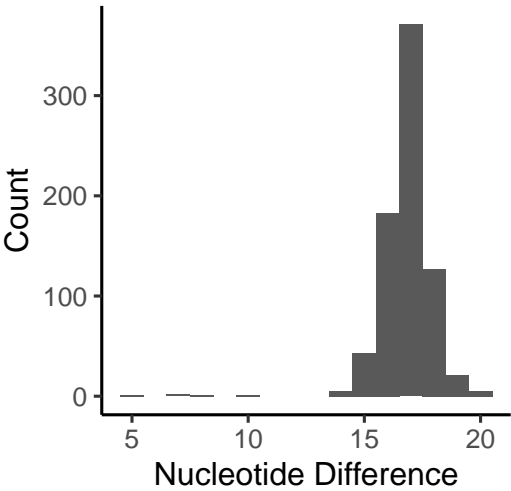
IGHV2-70*01

11 sequences assigned
No exact matches.



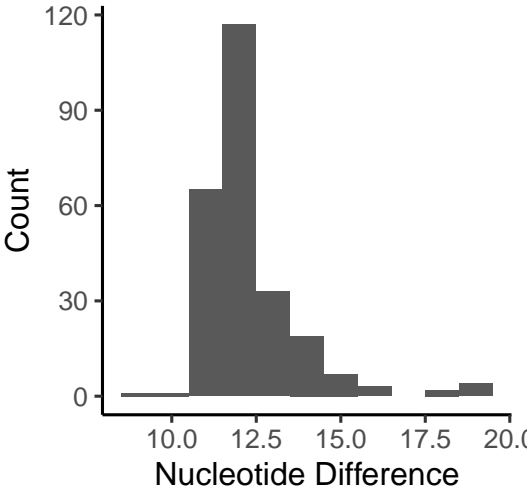
IGHV1-2*04

760 sequences assigned
No exact matches.



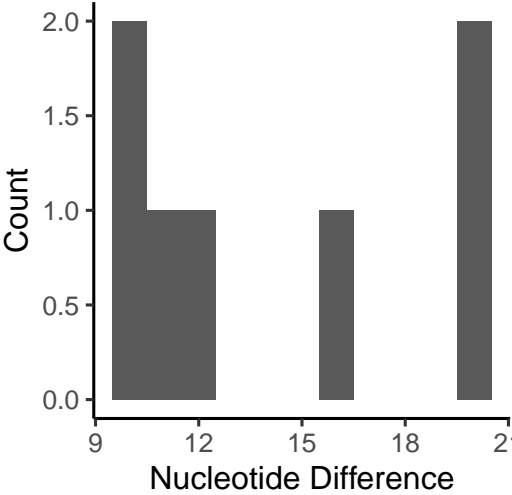
IGHV1-46*01

252 sequences assigned
No exact matches.



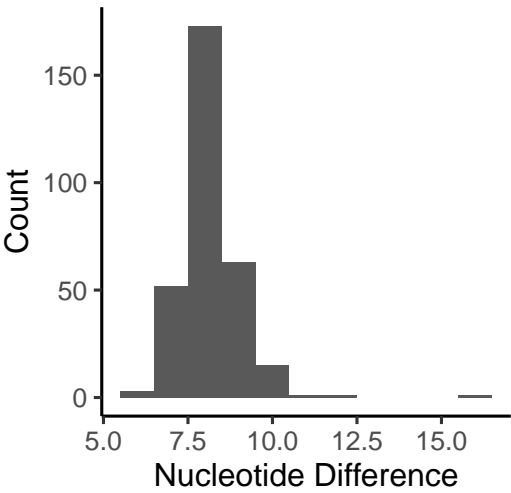
IGHV3-7*01

7 sequences assigned
No exact matches.



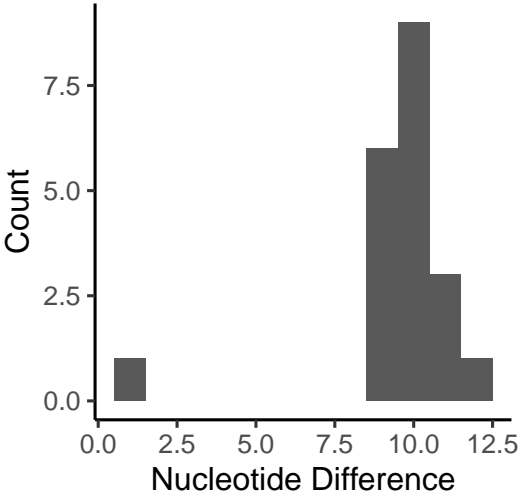
IGHV1-8*01

310 sequences assigned
No exact matches.



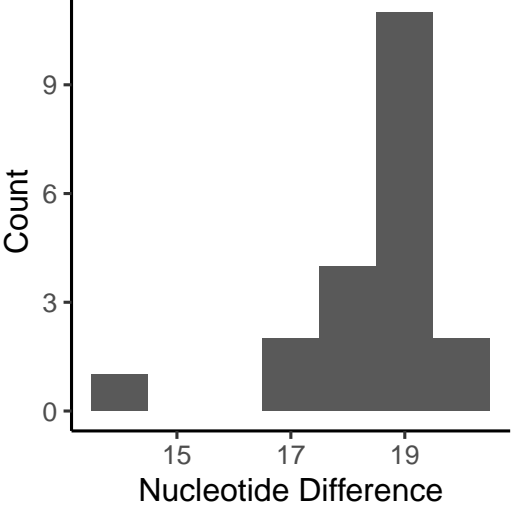
IGHV2-5*02

46 sequences assigned
No exact matches.



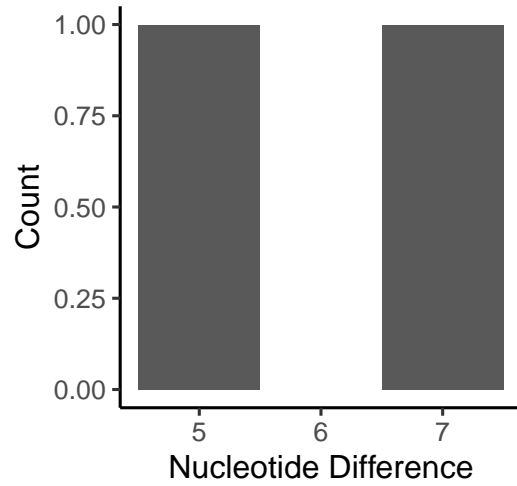
IGHV3-9*01

21 sequences assigned
No exact matches.



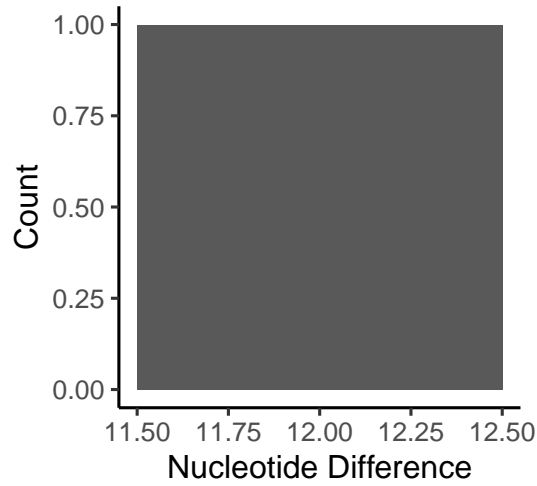
IGHV3-11*01

2 sequences assigned
No exact matches.



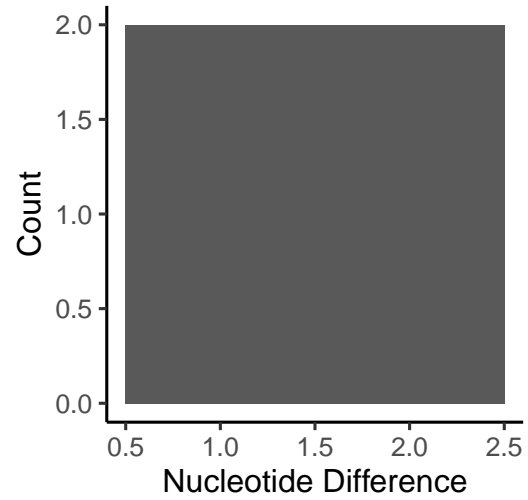
IGHV3-48*02

1 sequences assigned
No exact matches.



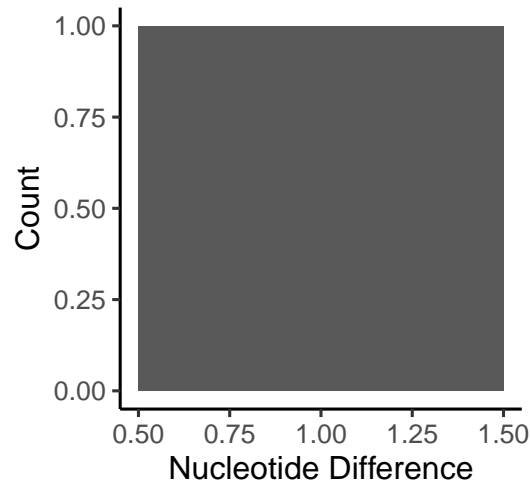
IGHV3-73*02

4 sequences assigned
No exact matches.



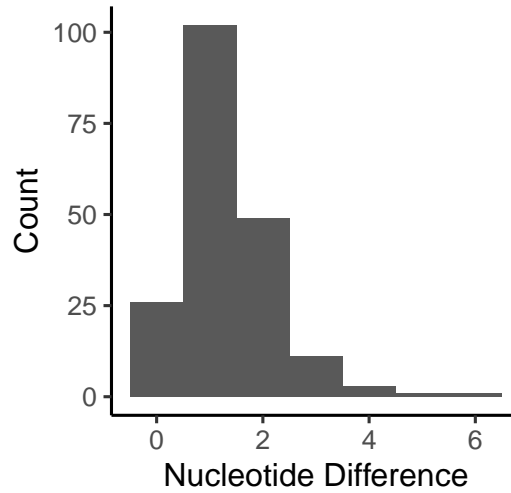
IGHV3-23*04

1 sequences assigned
No exact matches.



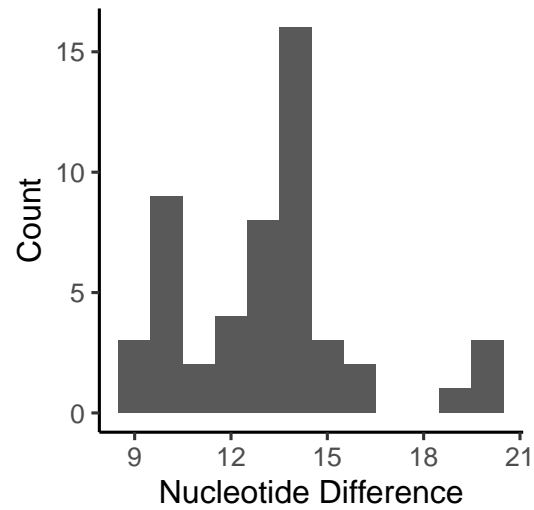
IGHV3-49*05

193 sequences assigned
26 (13.5%) exact matches, in which:
15 unique CDR3
1 unique J



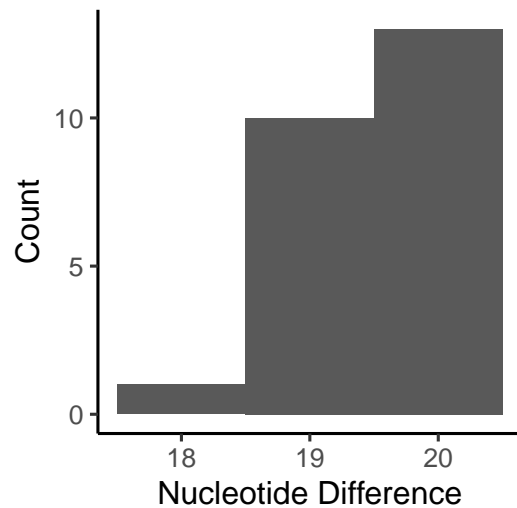
IGHV3-74*01

187 sequences assigned
No exact matches.



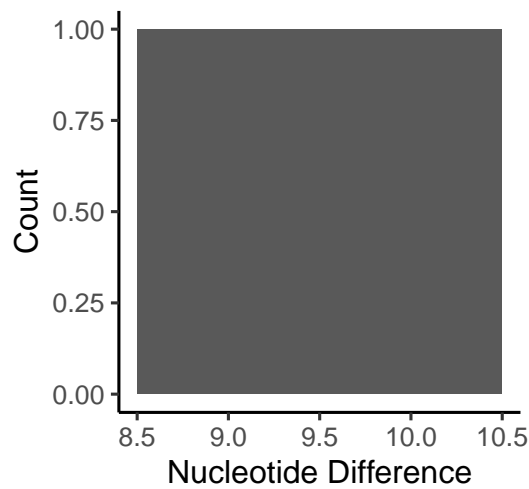
IGHV3-30*03

27 sequences assigned
No exact matches.



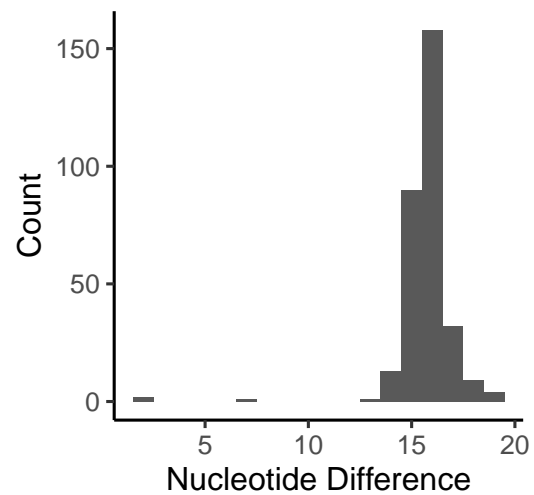
IGHV3-53*01

2 sequences assigned
No exact matches.



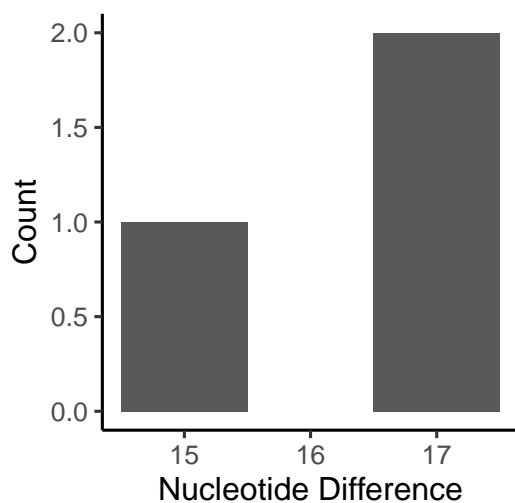
IGHV4-34*01

348 sequences assigned
No exact matches.



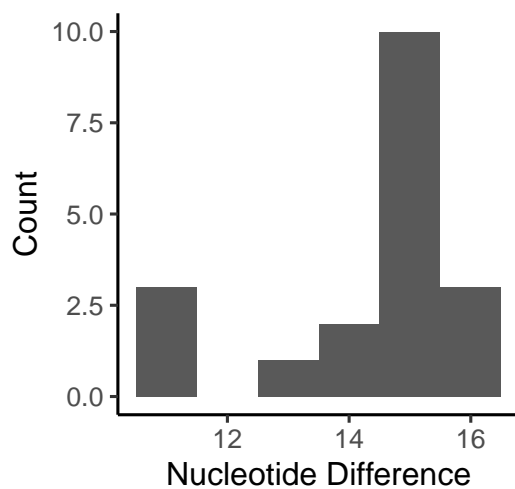
IGHV4-34*02

6 sequences assigned
No exact matches.



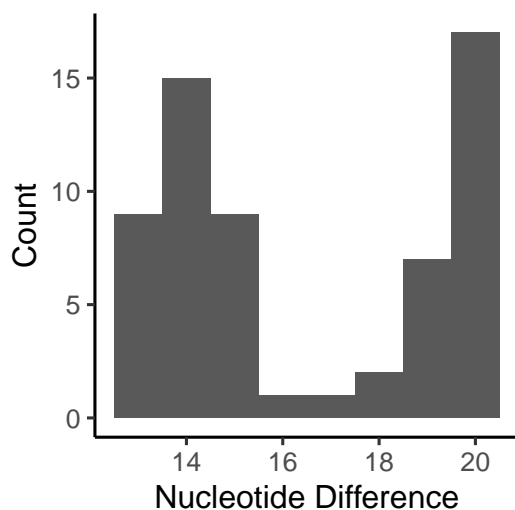
IGHV4-61*01

19 sequences assigned
No exact matches.



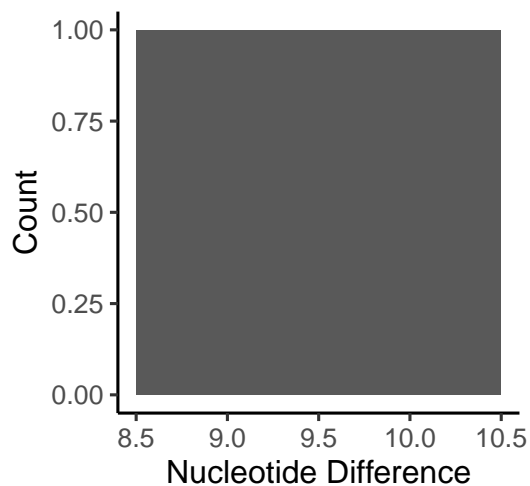
IGHV4-39*01

69 sequences assigned
No exact matches.



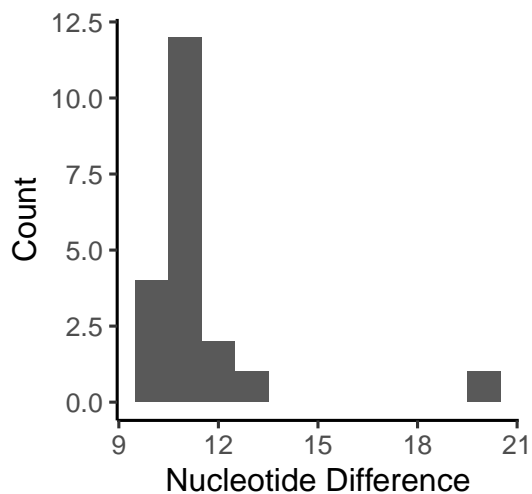
IGHV5-51*01

2 sequences assigned
No exact matches.



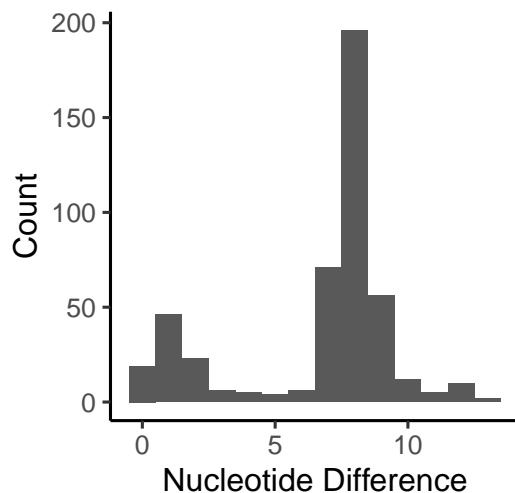
IGHV4-59*01

23 sequences assigned
No exact matches.

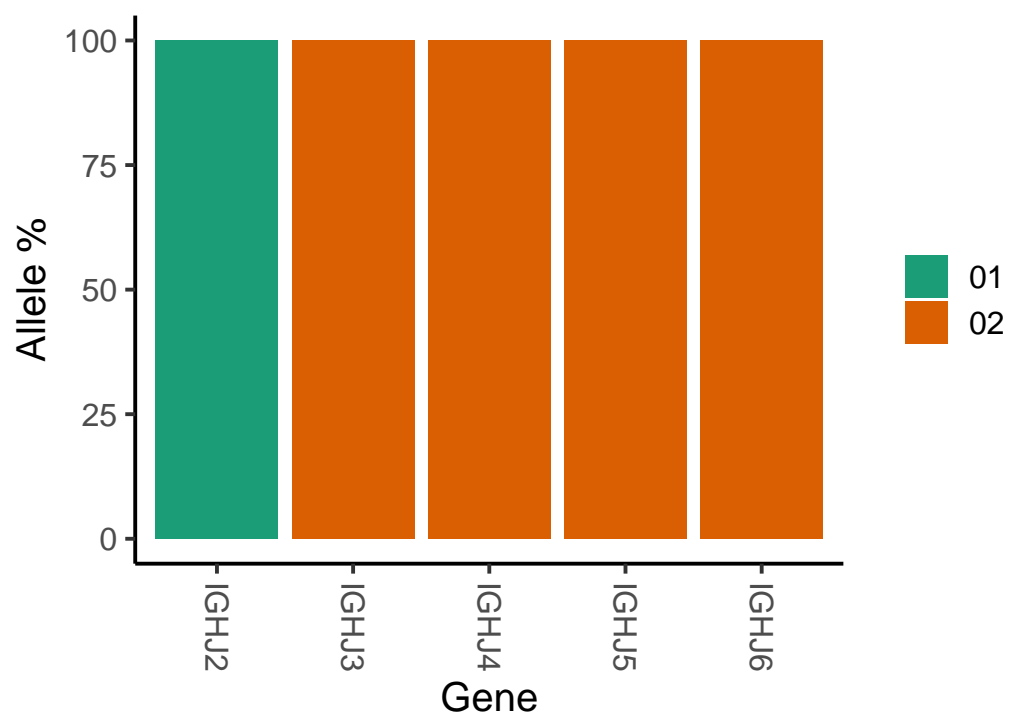


IGHV6-1*01

461 sequences assigned
19 (4.1%) exact matches, in which:
7 unique CDR3
1 unique J



Allele Usage



[illegible]