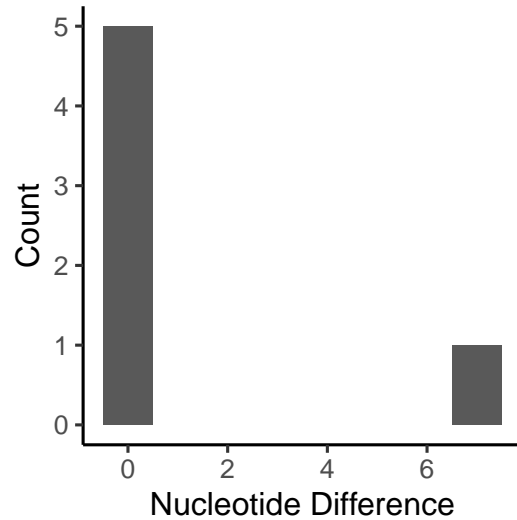


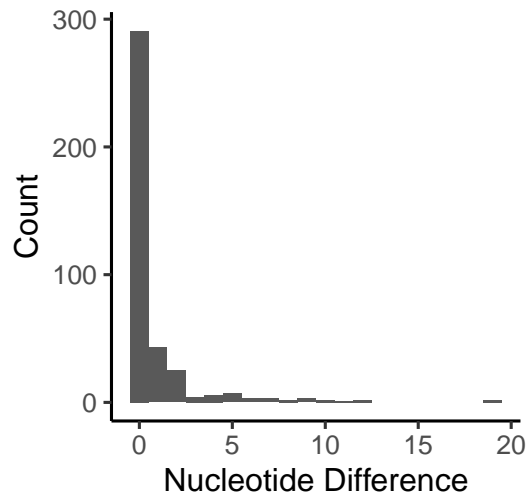
IGLV10-54*02

6 sequences assigned
5 (83.3%) exact matches, in which:
5 unique CDR3
2 unique J



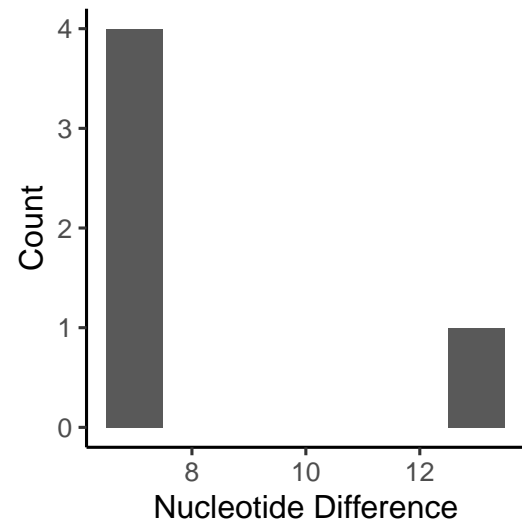
IGLV1-44*01

395 sequences assigned
291 (73.7%) exact matches, in which:
237 unique CDR3
3 unique J



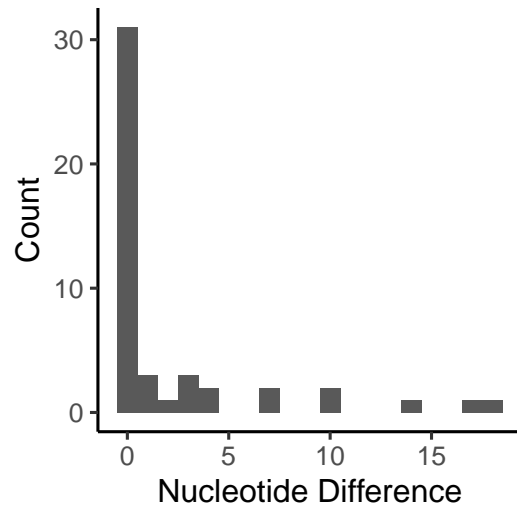
IGLV1-50*01

5 sequences assigned
No exact matches.



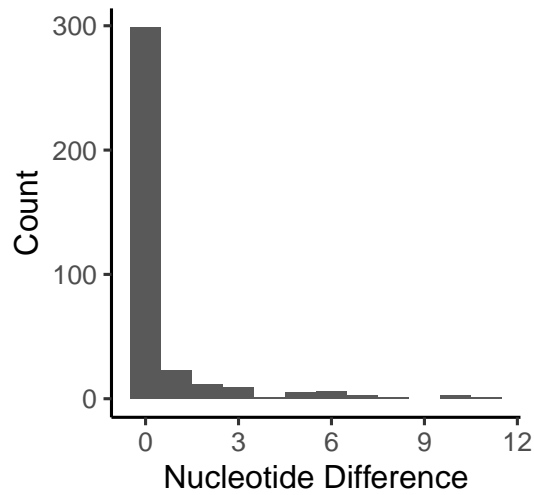
IGLV1-36*01

48 sequences assigned
31 (64.6%) exact matches, in which:
28 unique CDR3
3 unique J



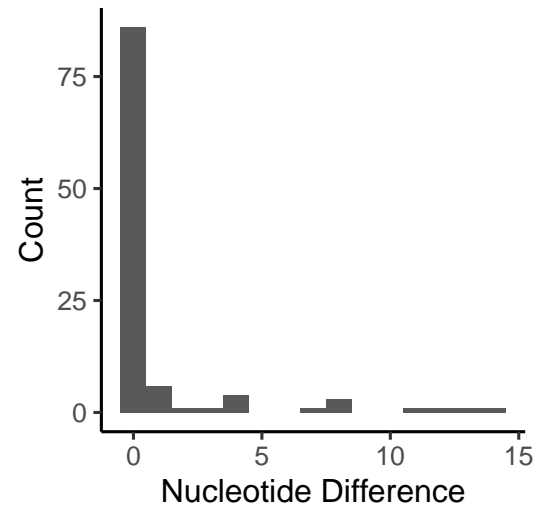
IGLV1-47*01

363 sequences assigned
299 (82.4%) exact matches, in which:
234 unique CDR3
4 unique J



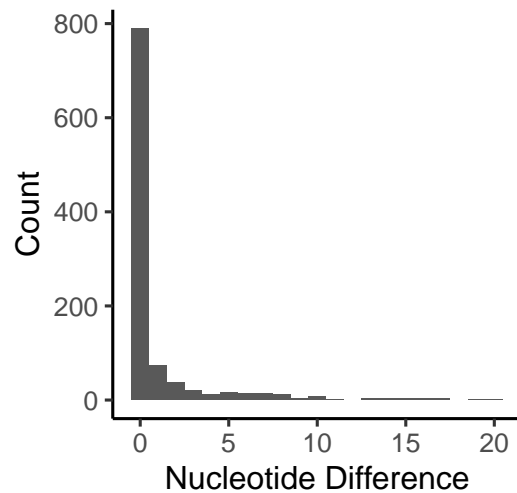
IGLV1-51*01

107 sequences assigned
86 (80.4%) exact matches, in which:
64 unique CDR3
3 unique J



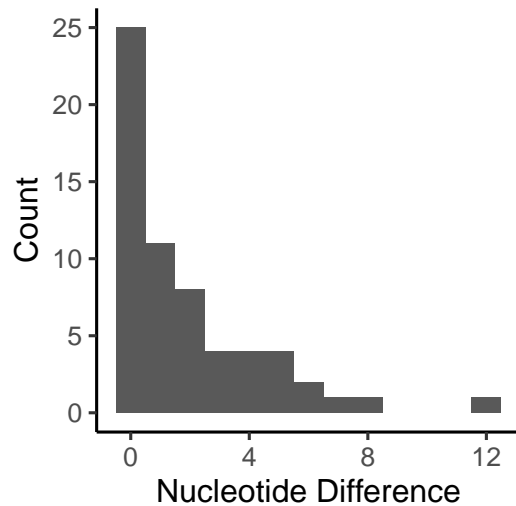
IGLV1-40*01

1018 sequences assigned
790 (77.6%) exact matches, in which:
635 unique CDR3
4 unique J



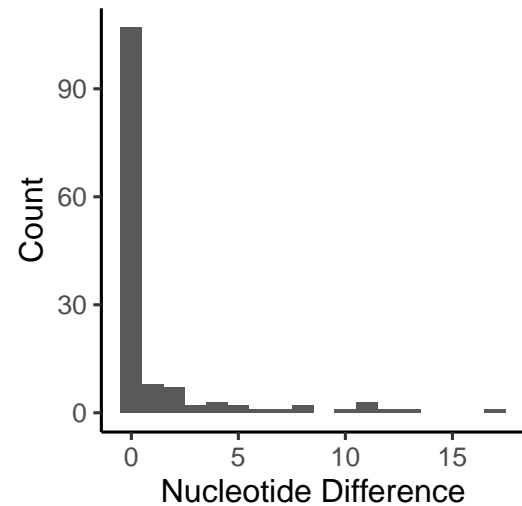
IGLV1-47*02_G284A_C28

61 sequences assigned
25 (41%) exact matches, in which:
24 unique CDR3
3 unique J



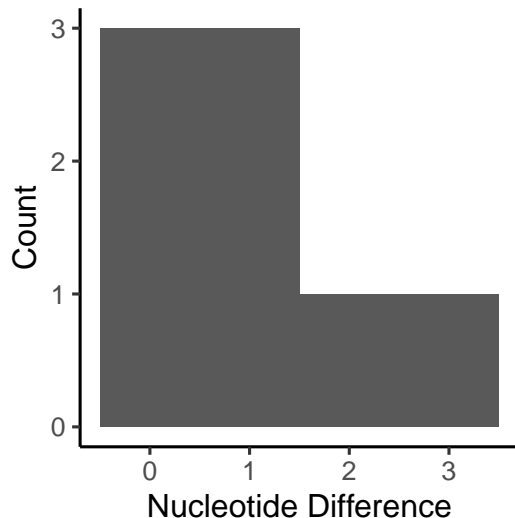
IGLV1-51*02

140 sequences assigned
107 (76.4%) exact matches, in which:
85 unique CDR3
4 unique J



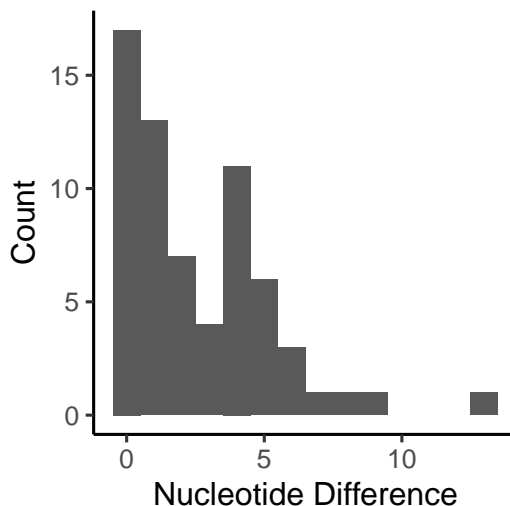
IGLV2-5*01

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



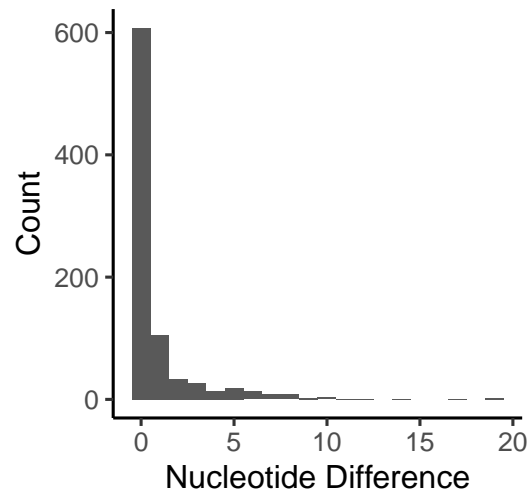
IGLV2-8*01_G271A

65 sequences assigned
17 (26.2%) exact matches, in which:
17 unique CDR3
3 unique J



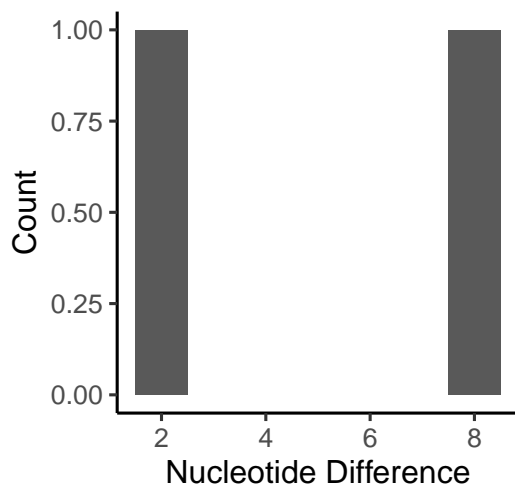
IGLV2-14*04EXT3

846 sequences assigned
608 (71.9%) exact matches, in which:
510 unique CDR3
3 unique J



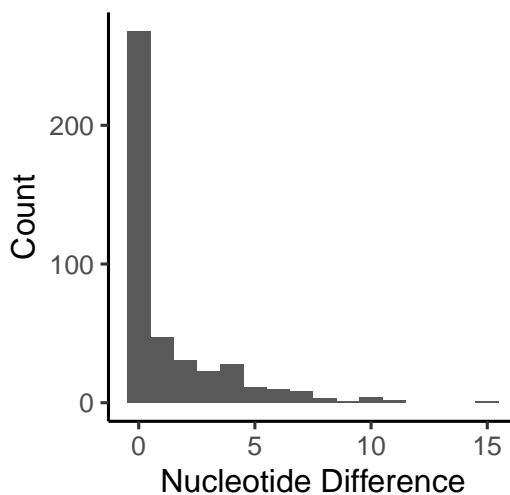
IGLV2-5*02

2 sequences assigned
No exact matches.



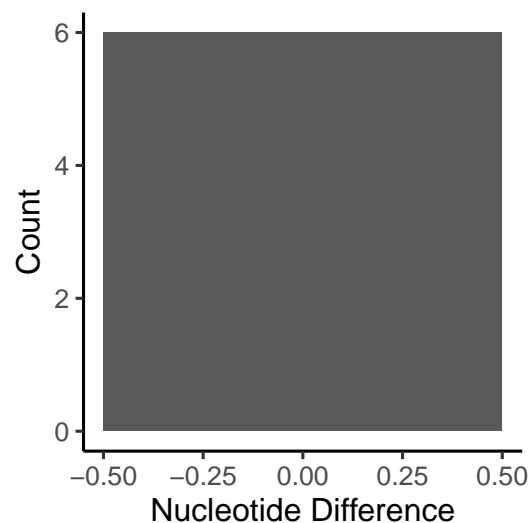
IGLV2-11*01

438 sequences assigned
268 (61.2%) exact matches, in which:
238 unique CDR3
3 unique J



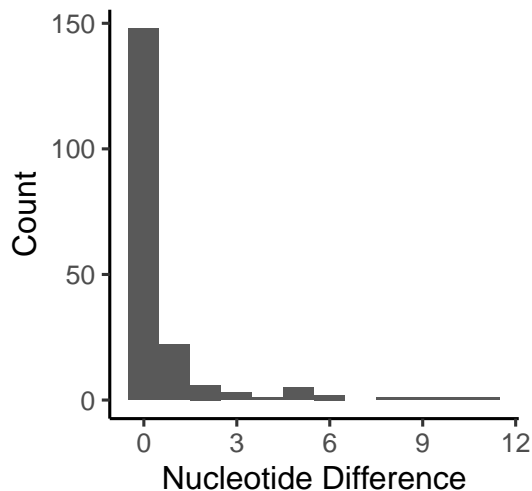
IGLV2-18*01

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
3 unique J



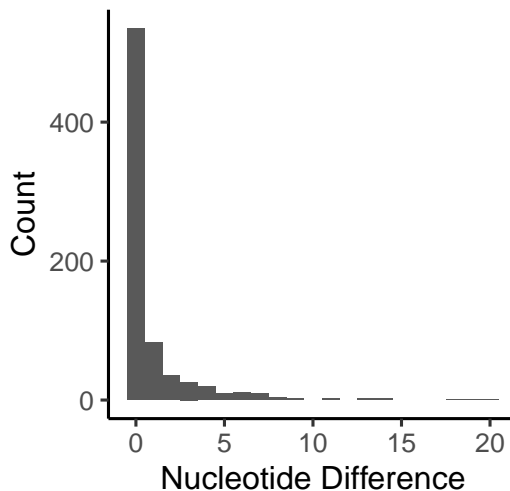
IGLV2-8*01

191 sequences assigned
148 (77.5%) exact matches, in which:
133 unique CDR3
4 unique J



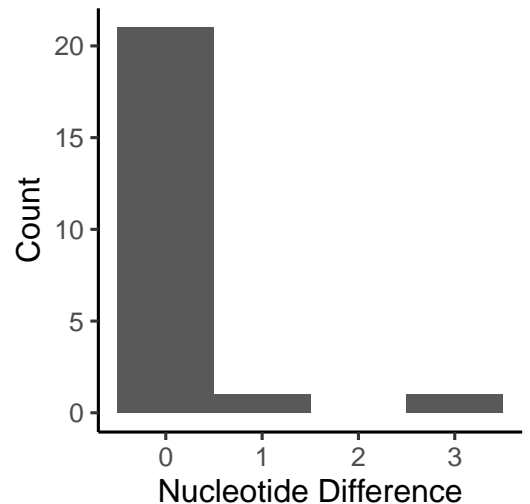
IGLV2-14*01

743 sequences assigned
535 (72%) exact matches, in which:
466 unique CDR3
3 unique J



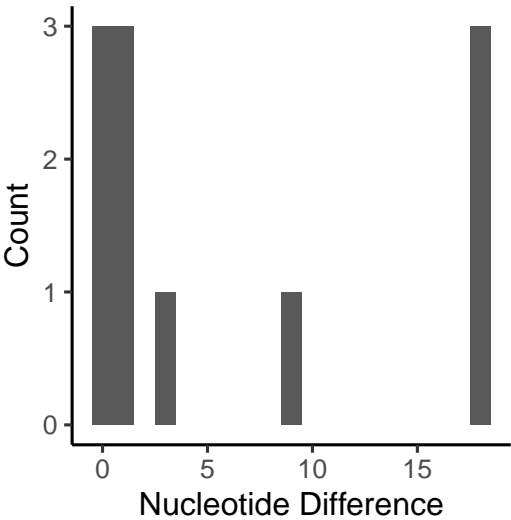
IGLV2-18*02

23 sequences assigned
21 (91.3%) exact matches, in which:
19 unique CDR3
3 unique J



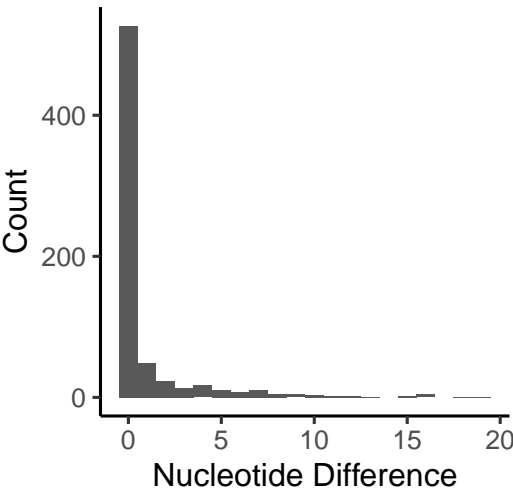
IGLV2-18*02_G234C

11 sequences assigned
3 (27.3%) exact matches, in which:
3 unique CDR3
2 unique J



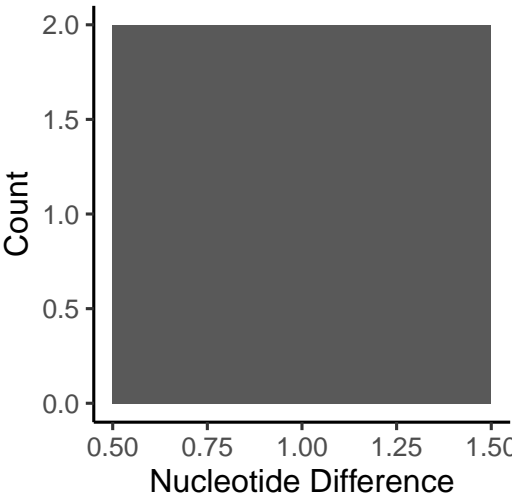
IGLV3-1*01

687 sequences assigned
527 (76.7%) exact matches, in which:
378 unique CDR3
3 unique J



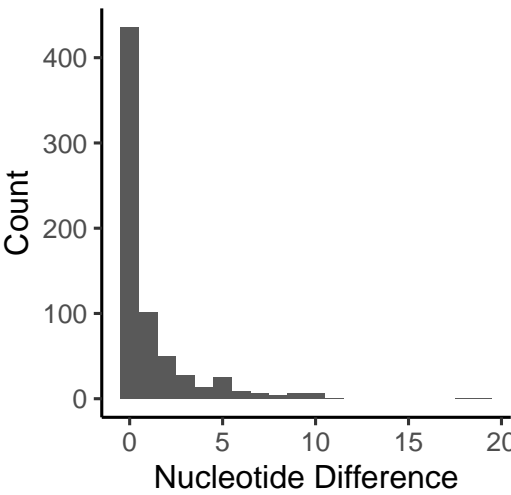
IGLV3-12*02

2 sequences assigned
No exact matches.



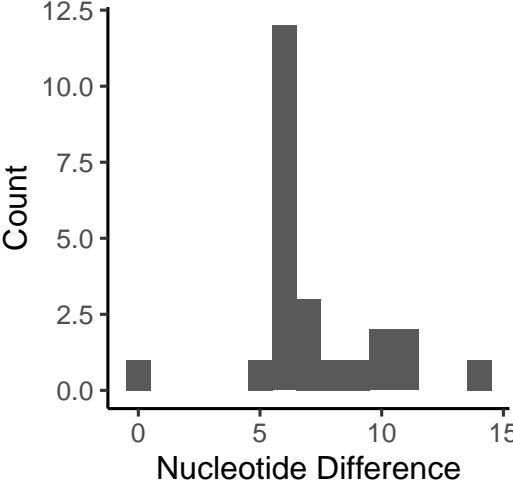
IGLV2-23*01_G168C_G1

689 sequences assigned
436 (63.3%) exact matches, in which:
364 unique CDR3
3 unique J



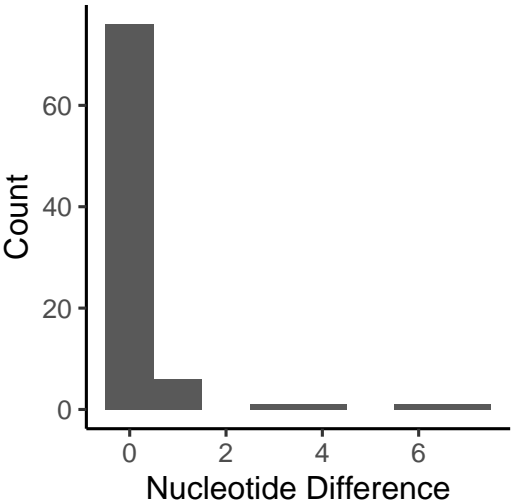
IGLV3-9*02

24 sequences assigned
1 (4.2%) exact matches, in which:
1 unique CDR3
1 unique J



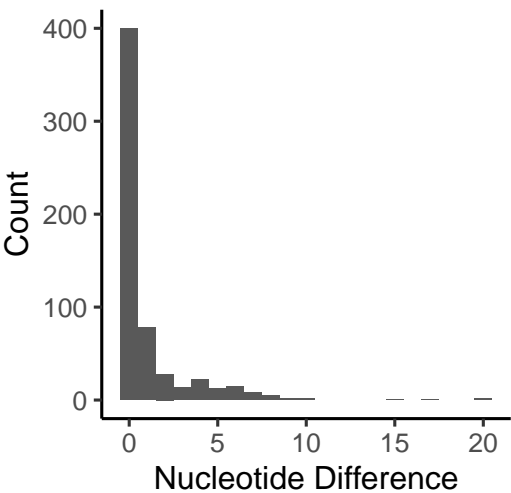
IGLV3-16*01

86 sequences assigned
76 (88.4%) exact matches, in which:
72 unique CDR3
4 unique J



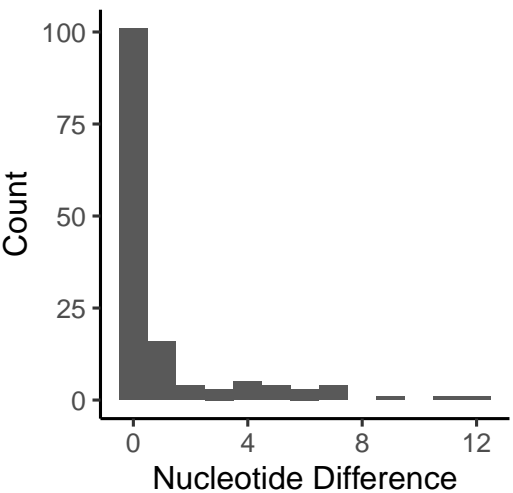
IGLV2-23*01_T32A

590 sequences assigned
400 (67.8%) exact matches, in which:
335 unique CDR3
3 unique J



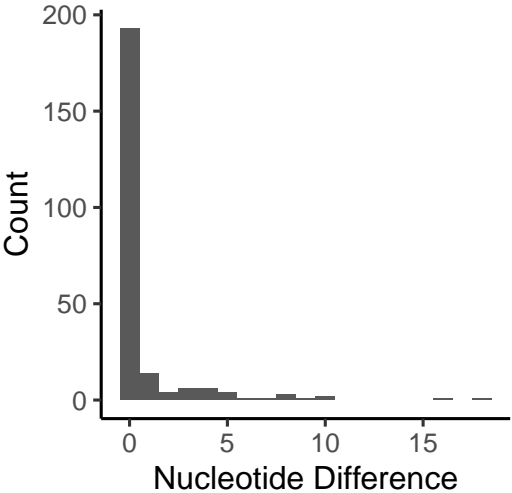
IGLV3-10*01

143 sequences assigned
101 (70.6%) exact matches, in which:
91 unique CDR3
3 unique J



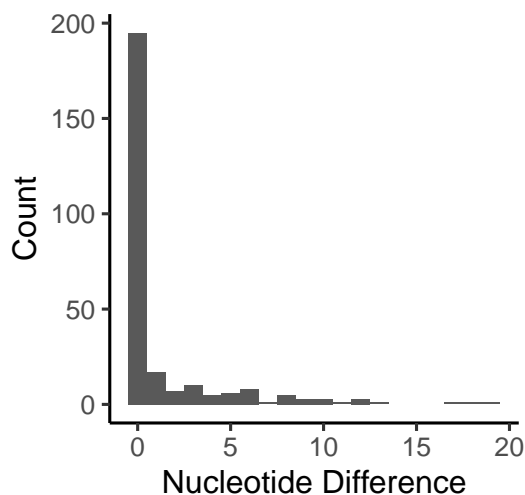
IGLV3-19*01

237 sequences assigned
193 (81.4%) exact matches, in which:
165 unique CDR3
3 unique J



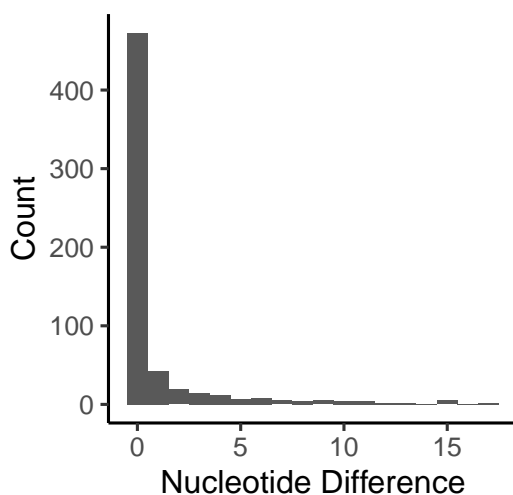
IGLV3-21*02

269 sequences assigned
195 (72.5%) exact matches, in which:
168 unique CDR3
3 unique J



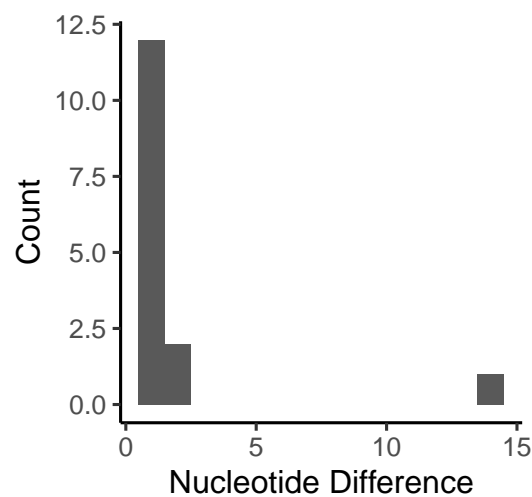
IGLV3-25*03

613 sequences assigned
473 (77.2%) exact matches, in which:
384 unique CDR3
4 unique J



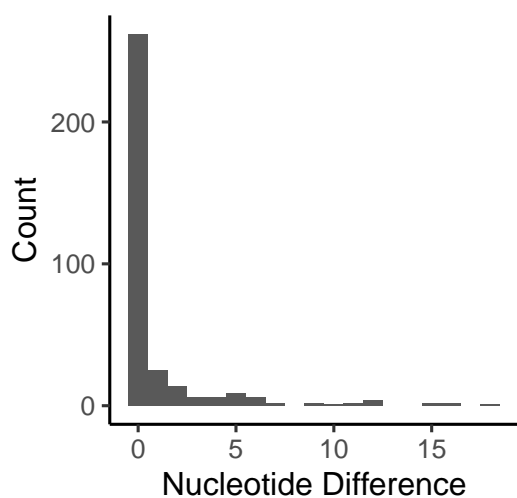
IGLV4-60*02

16 sequences assigned
No exact matches.



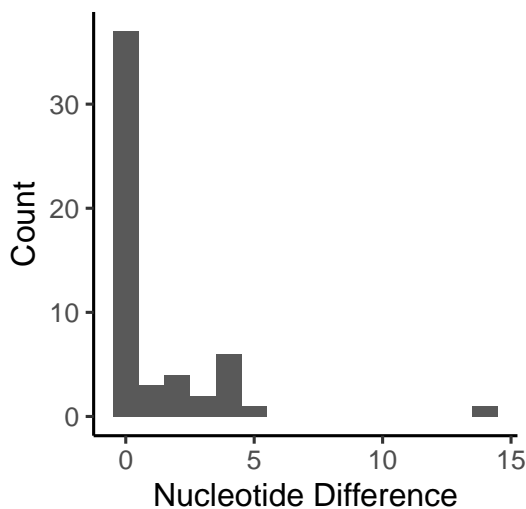
IGLV3-21*03

345 sequences assigned
262 (75.9%) exact matches, in which:
222 unique CDR3
3 unique J



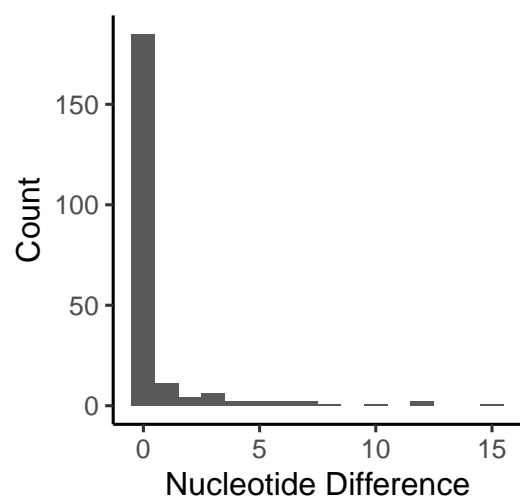
IGLV3-27*01

54 sequences assigned
37 (68.5%) exact matches, in which:
35 unique CDR3
3 unique J



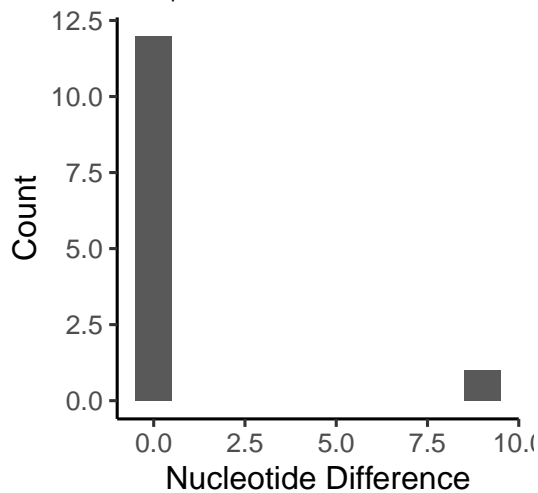
IGLV4-69*01

220 sequences assigned
185 (84.1%) exact matches, in which:
167 unique CDR3
4 unique J



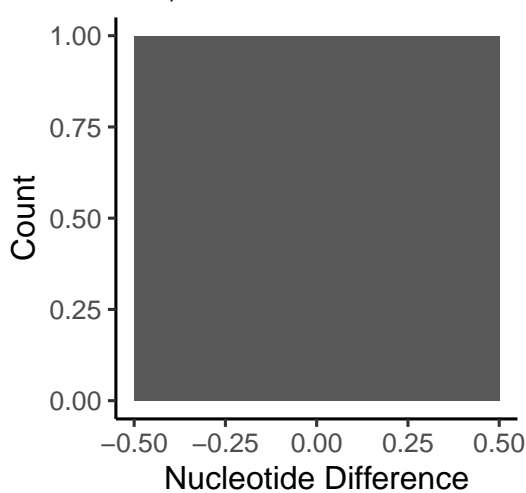
IGLV3-22*01

13 sequences assigned
12 (92.3%) exact matches, in which:
11 unique CDR3
3 unique J



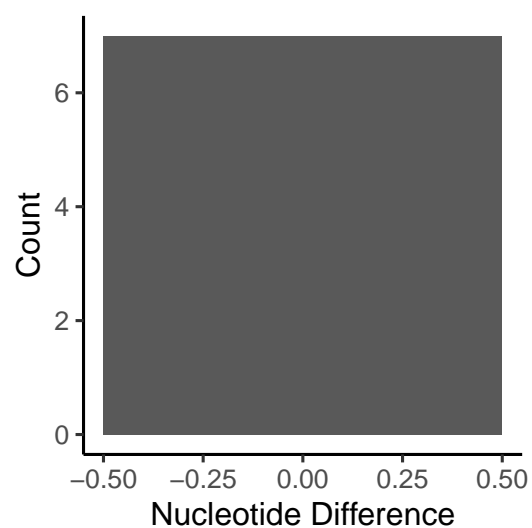
IGLV4-3*01

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



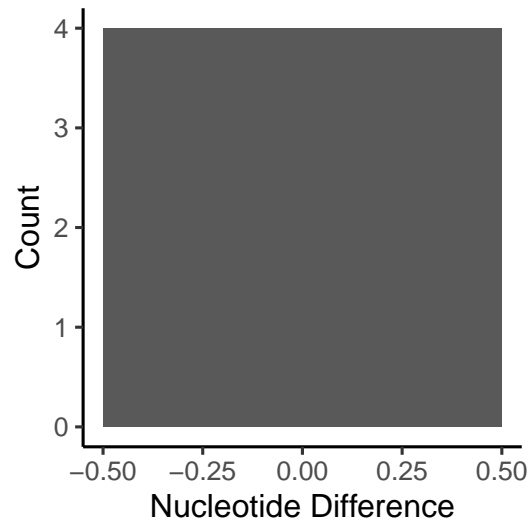
IGLV5-37*01

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



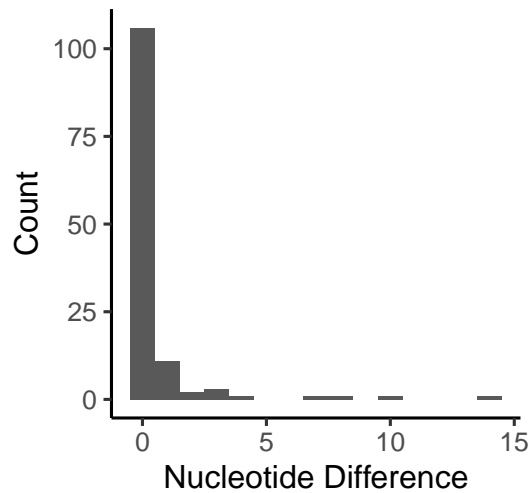
IGLV5–39*01

4 sequences assigned
4 (100%) exact matches, in which:
3 unique CDR3
2 unique J



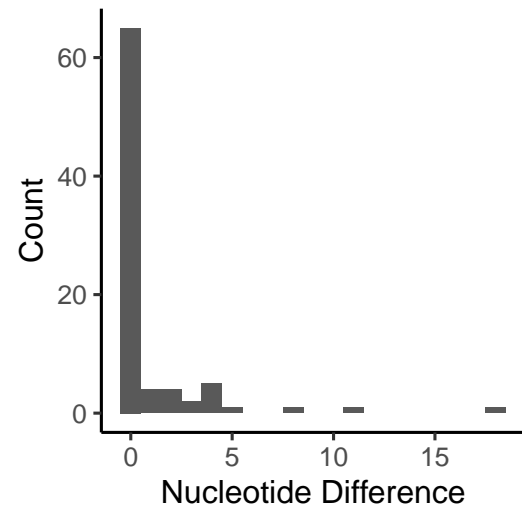
IGLV6–57*02

127 sequences assigned
106 (83.5%) exact matches, in which:
96 unique CDR3
5 unique J



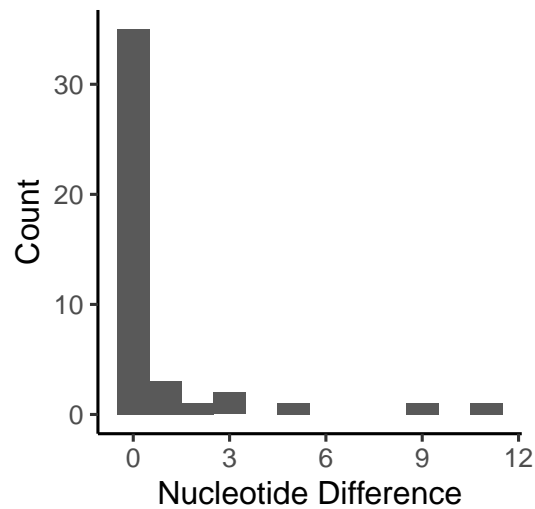
IGLV8–61*01

84 sequences assigned
65 (77.4%) exact matches, in which:
57 unique CDR3
3 unique J



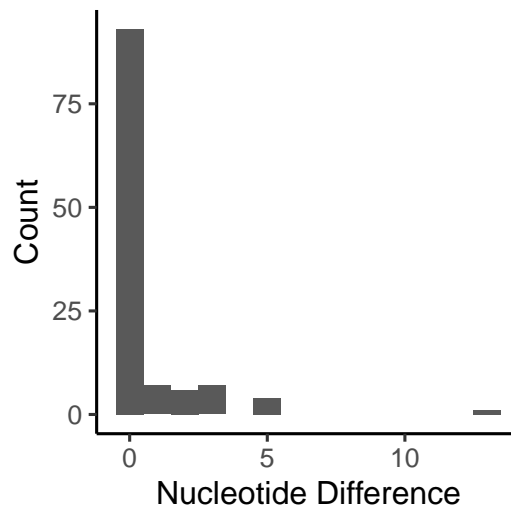
IGLV5–45*03

44 sequences assigned
35 (79.5%) exact matches, in which:
30 unique CDR3
4 unique J



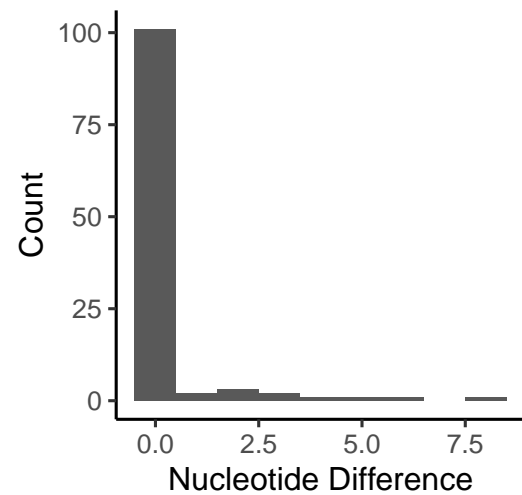
IGLV7–43*01

118 sequences assigned
93 (78.8%) exact matches, in which:
80 unique CDR3
3 unique J



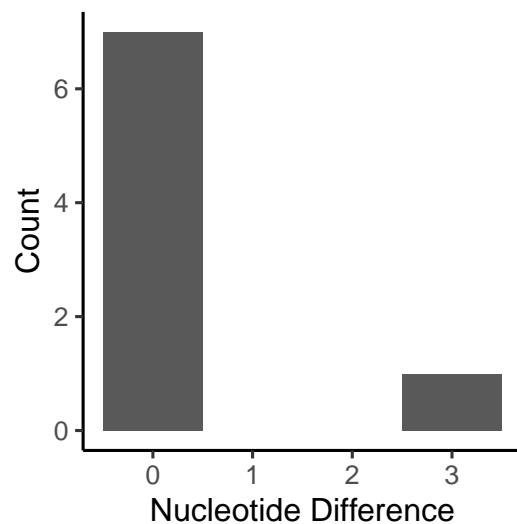
IGLV9–49*01

112 sequences assigned
101 (90.2%) exact matches, in which:
89 unique CDR3
3 unique J



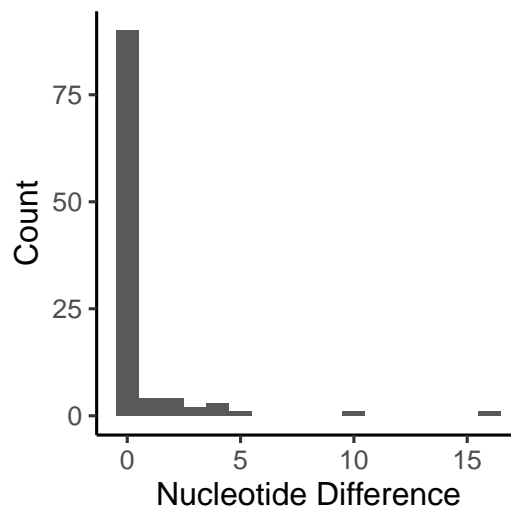
IGLV5–52*01

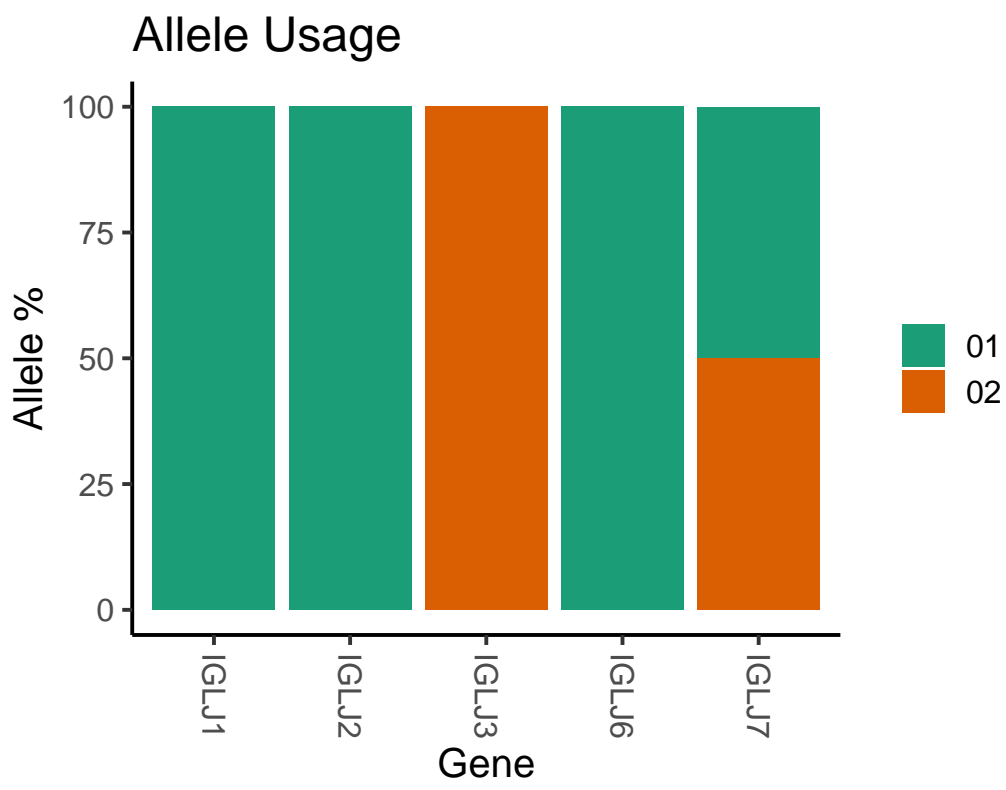
8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
2 unique J



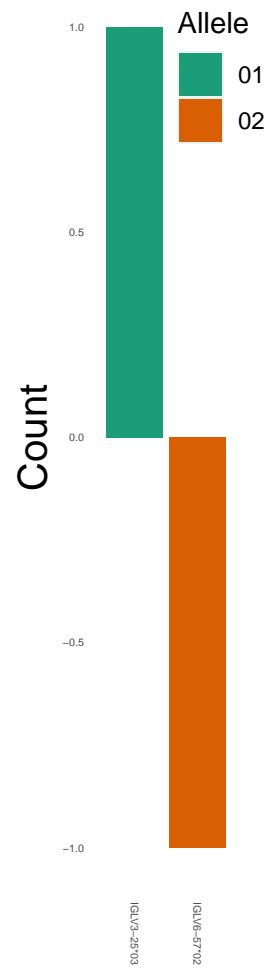
IGLV7–46*01

110 sequences assigned
90 (81.8%) exact matches, in which:
79 unique CDR3
3 unique J





Sequence Count by IGLJ7 allele usage



Warning – no inferred sequences found.