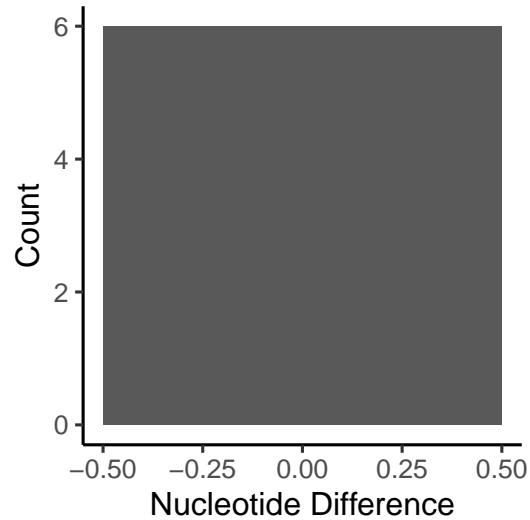


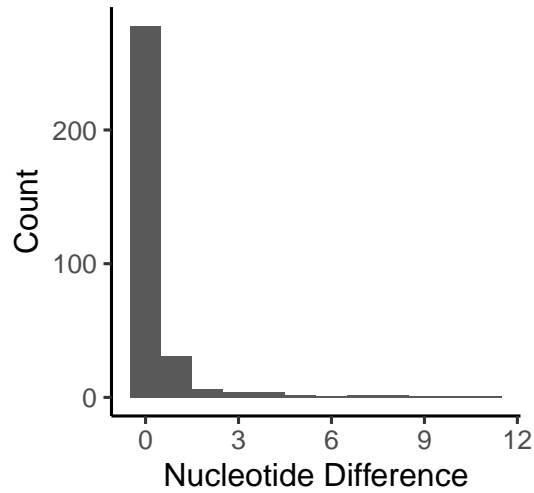
IGLV10–54*02

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



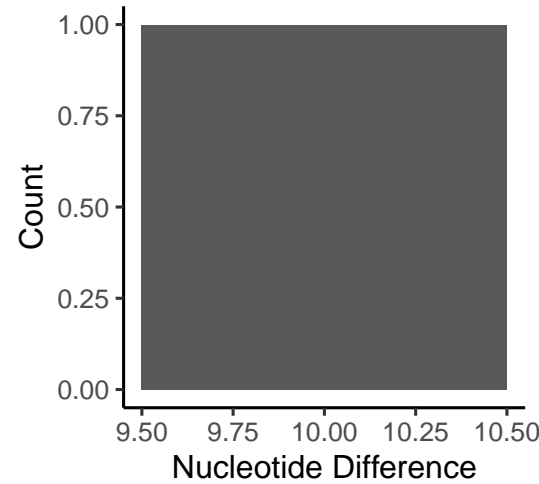
IGLV1–44*01

333 sequences assigned
278 (83.5%) exact matches, in which:
176 unique CDR3
3 unique J



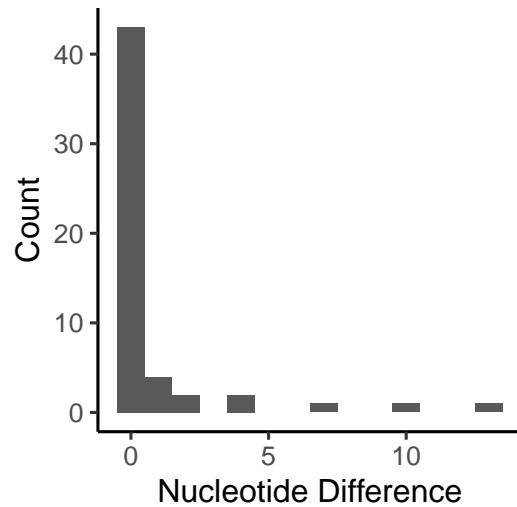
IGLV1–50*01

1 sequences assigned
No exact matches.



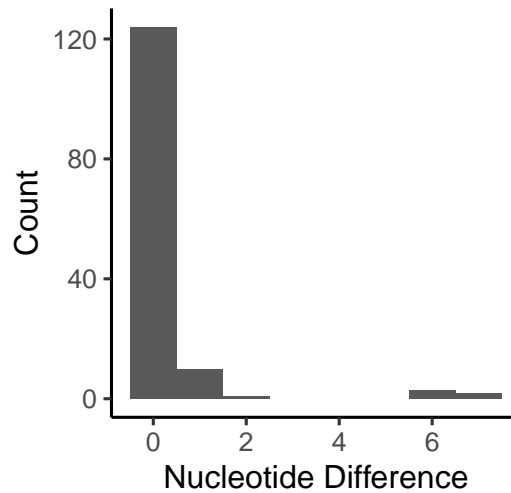
IGLV1–36*01

54 sequences assigned
43 (79.6%) exact matches, in which:
27 unique CDR3
3 unique J



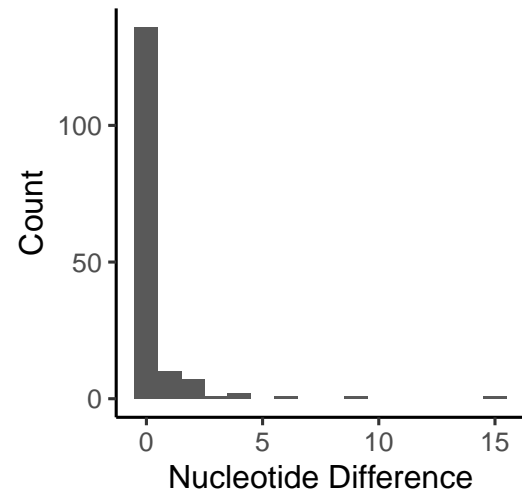
IGLV1–47*01

140 sequences assigned
124 (88.6%) exact matches, in which:
92 unique CDR3
3 unique J



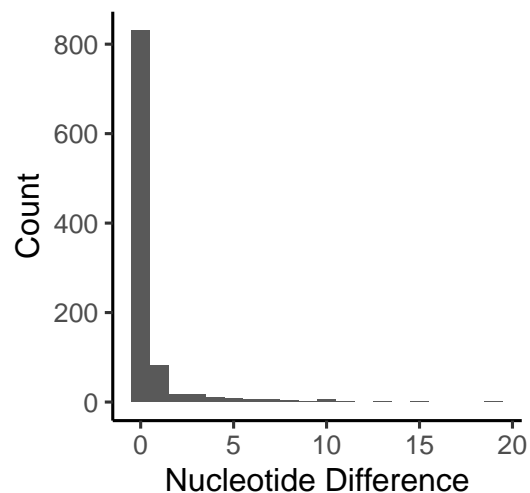
IGLV1–51*01

159 sequences assigned
136 (85.5%) exact matches, in which:
88 unique CDR3
4 unique J



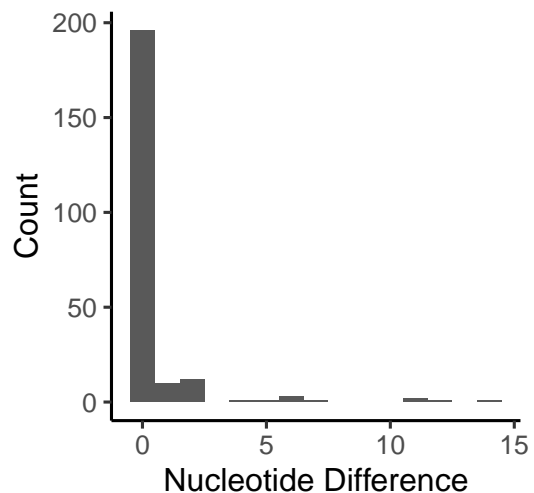
IGLV1–40*01

991 sequences assigned
831 (83.9%) exact matches, in which:
531 unique CDR3
4 unique J



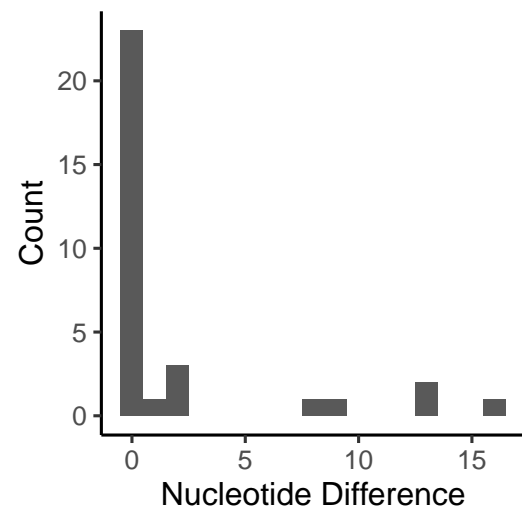
IGLV1–47*02

228 sequences assigned
196 (86%) exact matches, in which:
142 unique CDR3
4 unique J



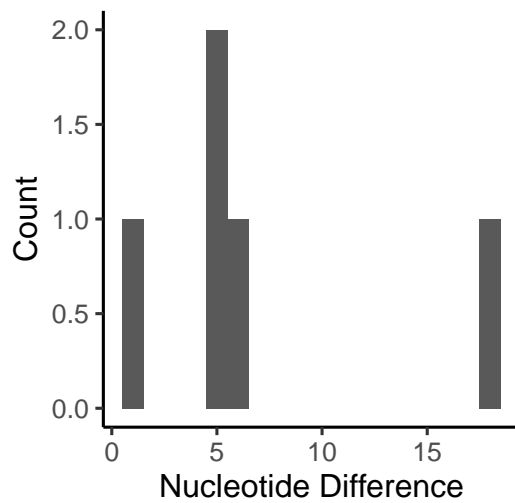
IGLV1–51*02

32 sequences assigned
23 (71.9%) exact matches, in which:
22 unique CDR3
3 unique J



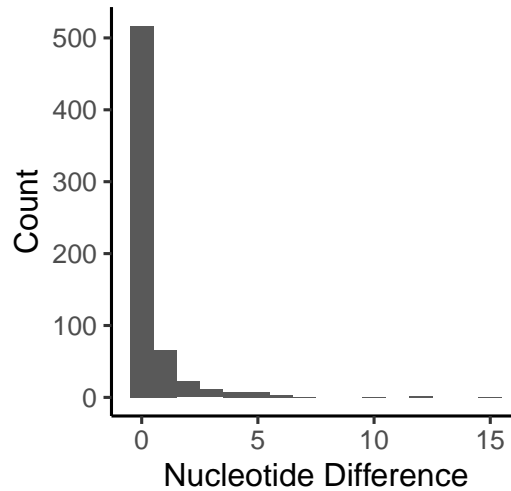
IGLV2-5*01

5 sequences assigned
No exact matches.



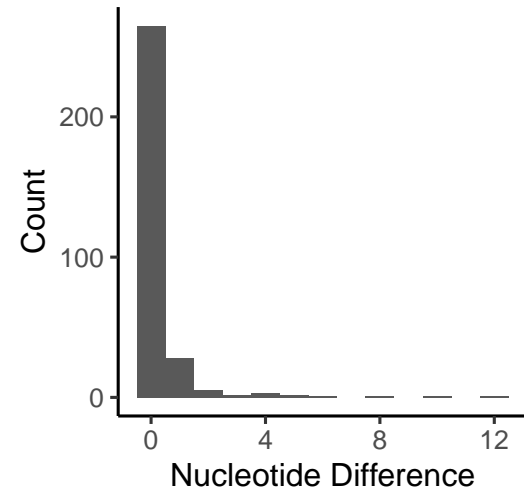
IGLV2-14*01

638 sequences assigned
517 (81%) exact matches, in which:
376 unique CDR3
3 unique J



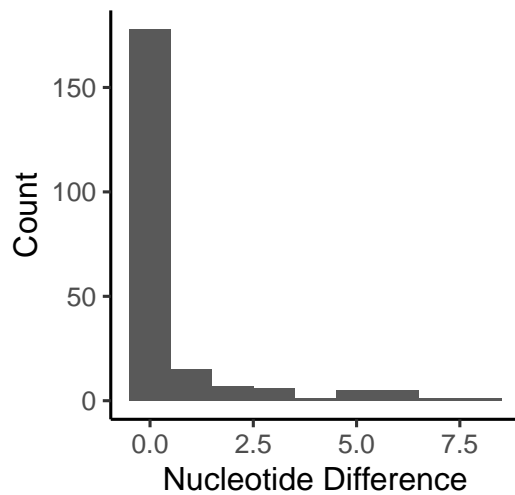
IGLV2-23*01

309 sequences assigned
265 (85.8%) exact matches, in which:
213 unique CDR3
3 unique J



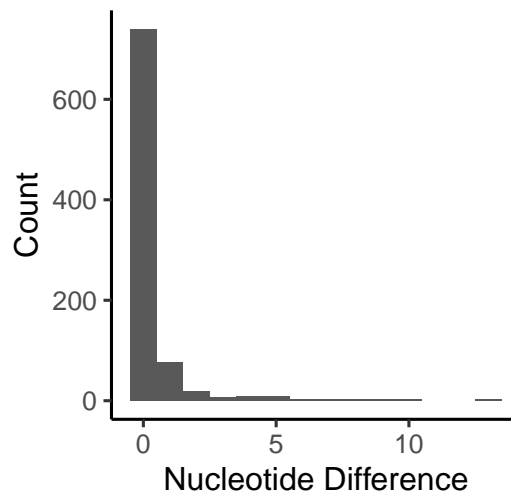
IGLV2-8*01

219 sequences assigned
178 (81.3%) exact matches, in which:
147 unique CDR3
4 unique J



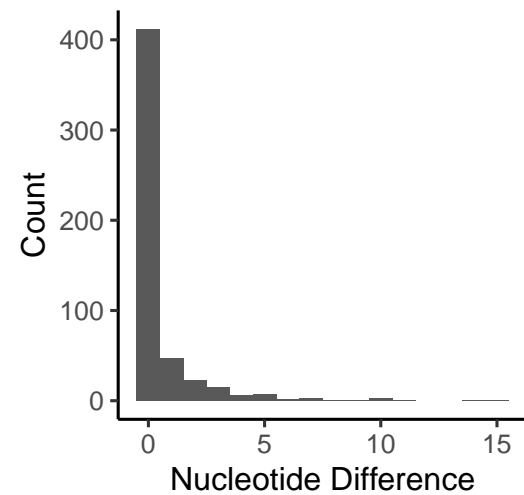
IGLV2-14*03EXT3

871 sequences assigned
740 (85%) exact matches, in which:
555 unique CDR3
4 unique J



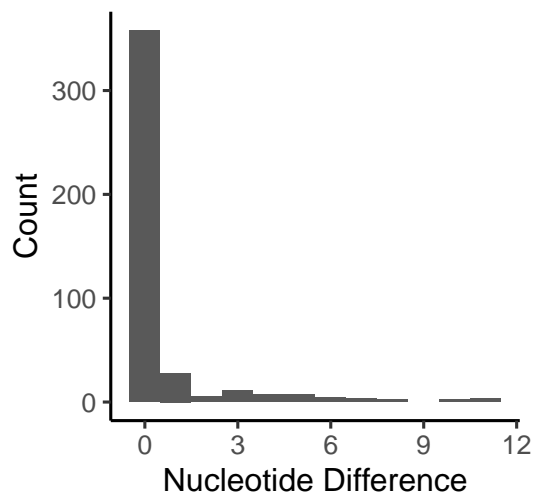
IGLV2-23*01_G170T

523 sequences assigned
412 (78.8%) exact matches, in which:
319 unique CDR3
5 unique J



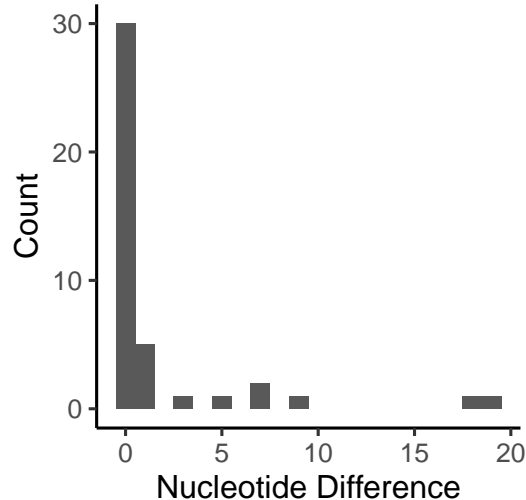
IGLV2-11*01

430 sequences assigned
358 (83.3%) exact matches, in which:
273 unique CDR3
3 unique J



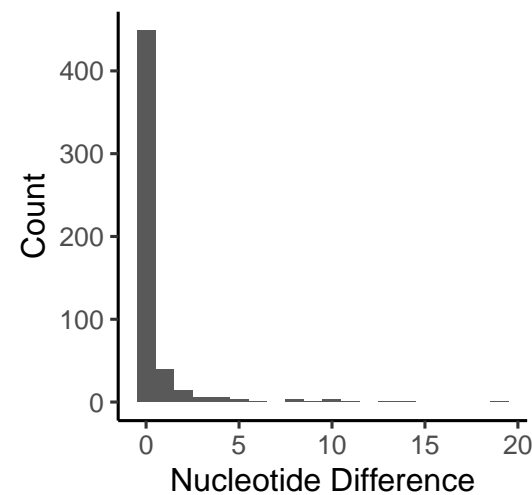
IGLV2-18*02

42 sequences assigned
30 (71.4%) exact matches, in which:
22 unique CDR3
3 unique J



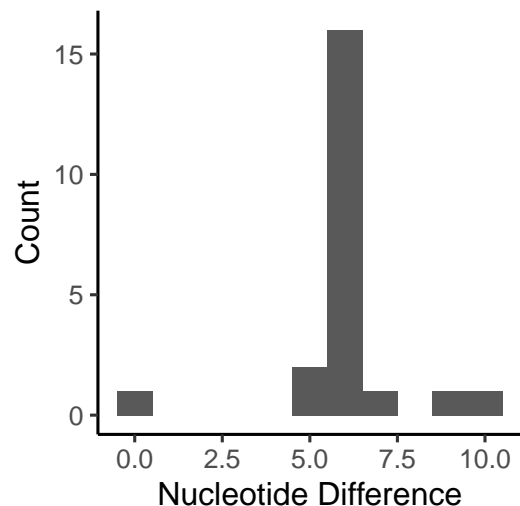
IGLV3-1*01

528 sequences assigned
449 (85%) exact matches, in which:
301 unique CDR3
3 unique J



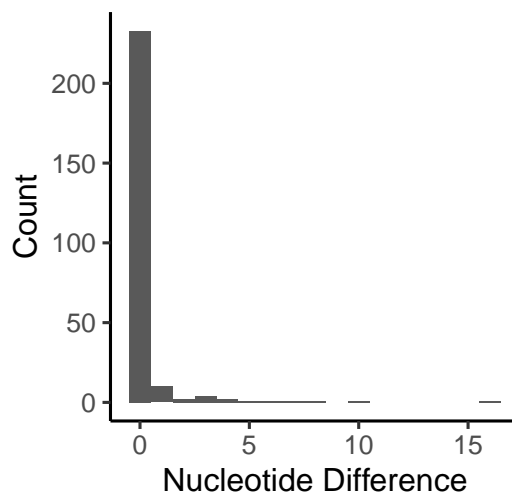
IGLV3-9*02

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



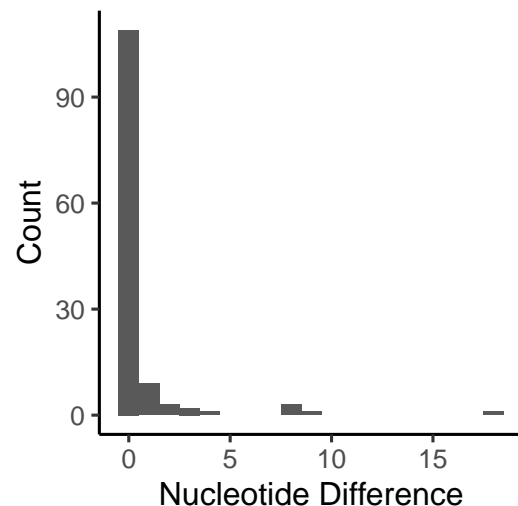
IGLV3-19*01

257 sequences assigned
233 (90.7%) exact matches, in which:
189 unique CDR3
3 unique J



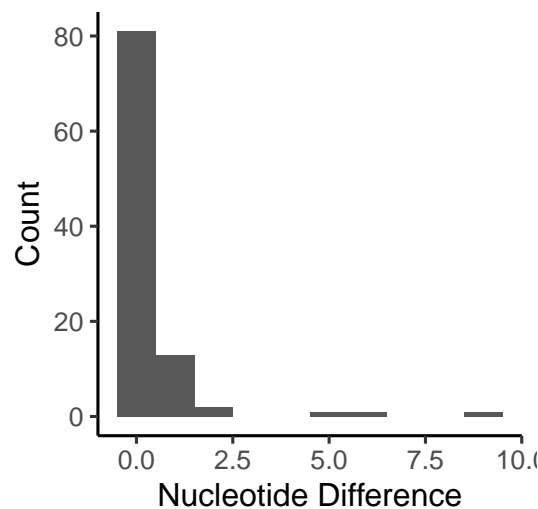
IGLV3-25*02

129 sequences assigned
109 (84.5%) exact matches, in which:
83 unique CDR3
4 unique J



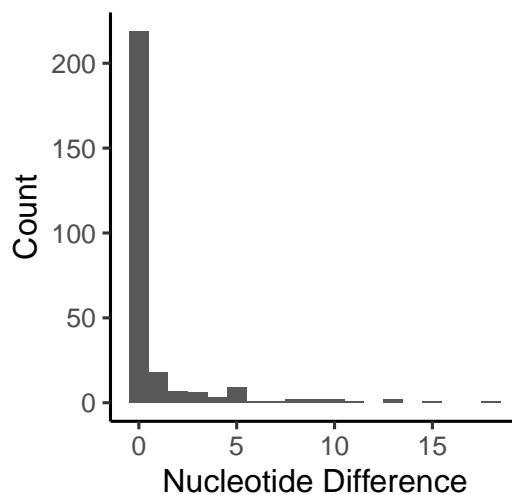
IGLV3-10*01

99 sequences assigned
81 (81.8%) exact matches, in which:
74 unique CDR3
3 unique J



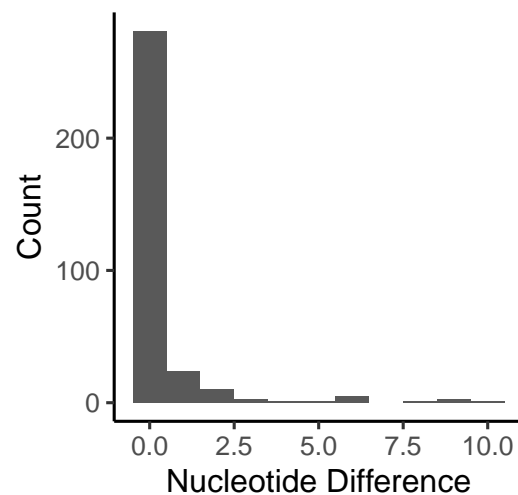
IGLV3-21*02

276 sequences assigned
219 (79.3%) exact matches, in which:
163 unique CDR3
3 unique J



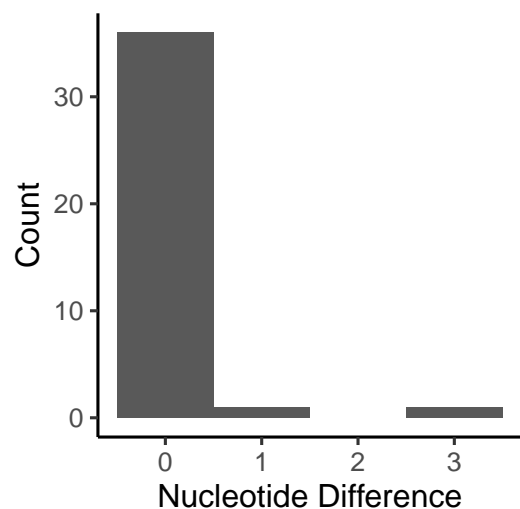
IGLV3-25*03

331 sequences assigned
281 (84.9%) exact matches, in which:
209 unique CDR3
4 unique J



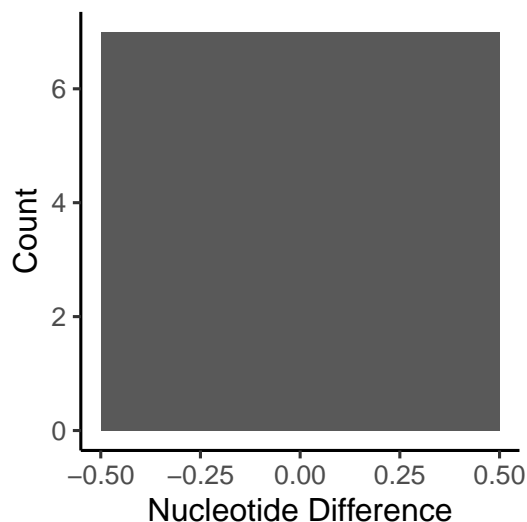
IGLV3-16*01

38 sequences assigned
36 (94.7%) exact matches, in which:
33 unique CDR3
5 unique J



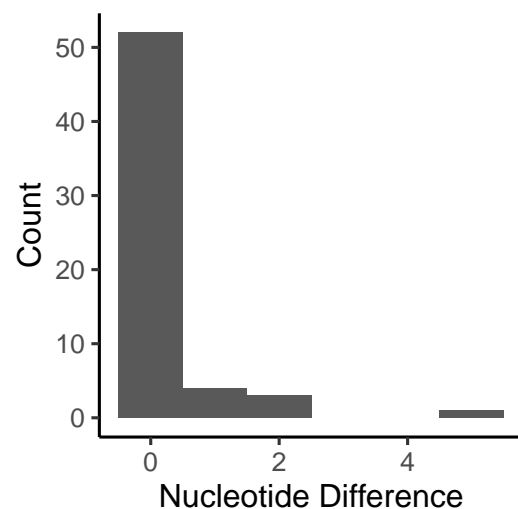
IGLV3-22*01

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



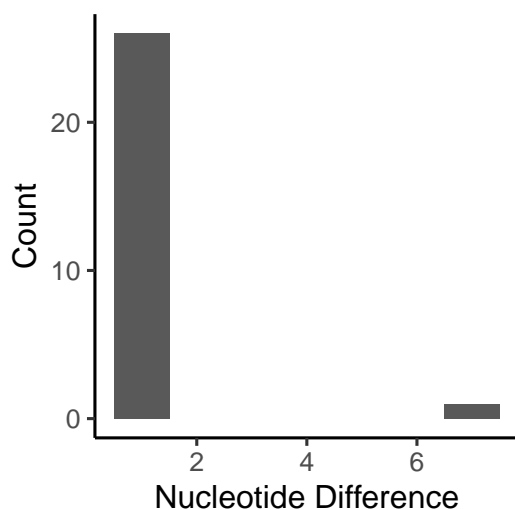
IGLV3-27*01

60 sequences assigned
52 (86.7%) exact matches, in which:
45 unique CDR3
3 unique J



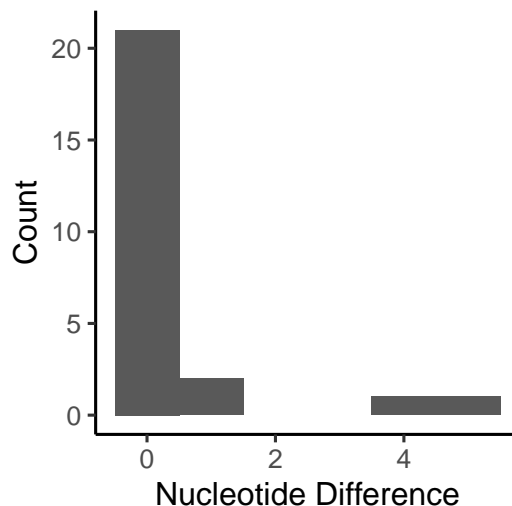
IGLV4-60*02

27 sequences assigned
No exact matches.



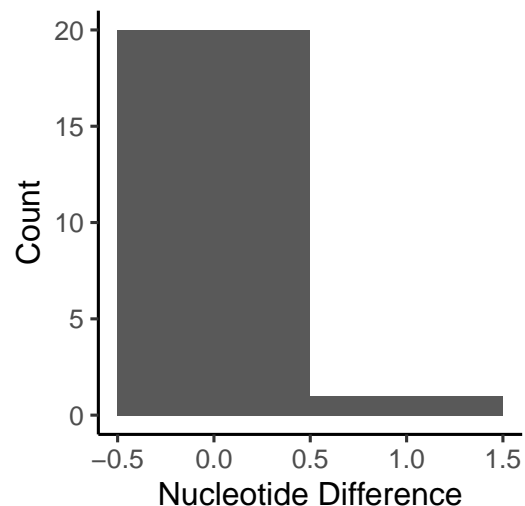
IGLV5-45*01

26 sequences assigned
21 (80.8%) exact matches, in which:
17 unique CDR3
3 unique J



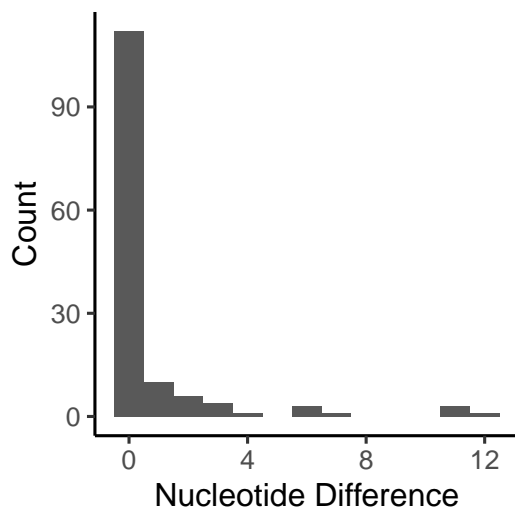
IGLV6-57*02

21 sequences assigned
20 (95.2%) exact matches, in which:
19 unique CDR3
3 unique J



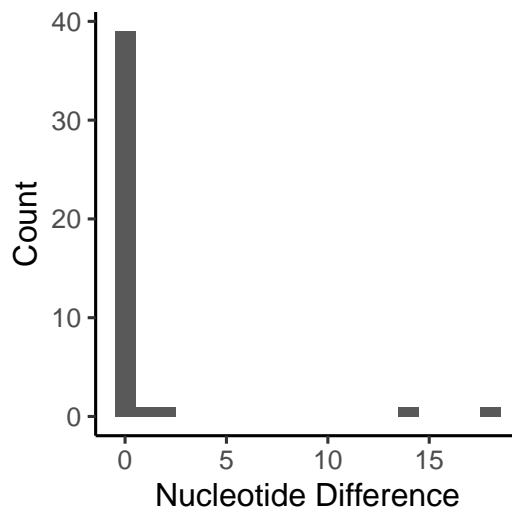
IGLV4-69*01

141 sequences assigned
112 (79.4%) exact matches, in which:
86 unique CDR3
4 unique J



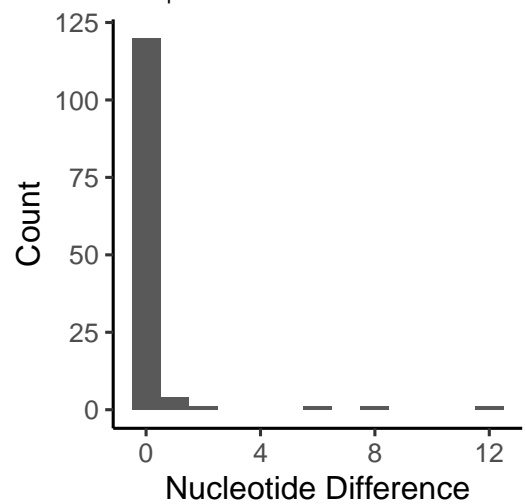
IGLV5-45*03

43 sequences assigned
39 (90.7%) exact matches, in which:
30 unique CDR3
3 unique J



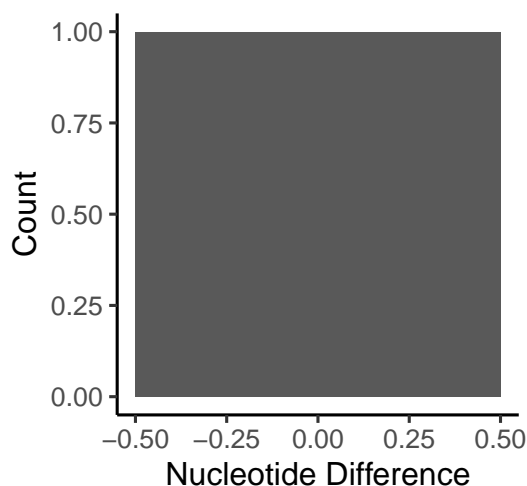
IGLV6-57*03_C21G

128 sequences assigned
120 (93.8%) exact matches, in which:
99 unique CDR3
4 unique J



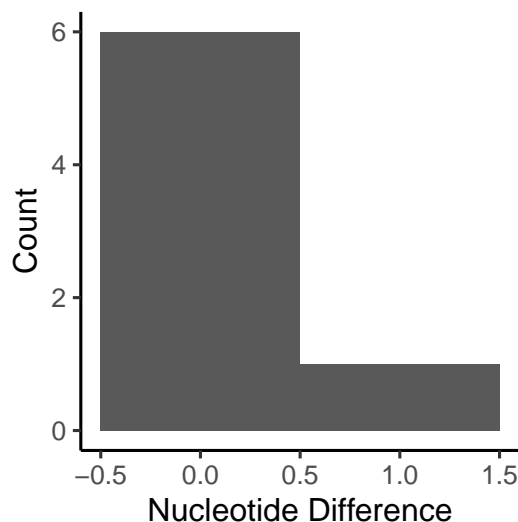
IGLV5-37*01

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



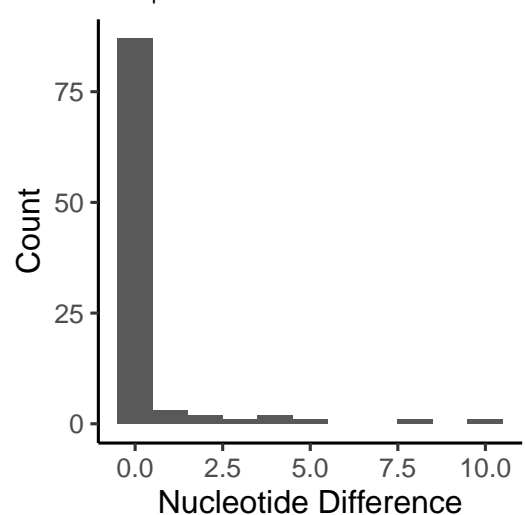
IGLV5-52*01

7 sequences assigned
6 (85.7%) exact matches, in which:
5 unique CDR3
1 unique J



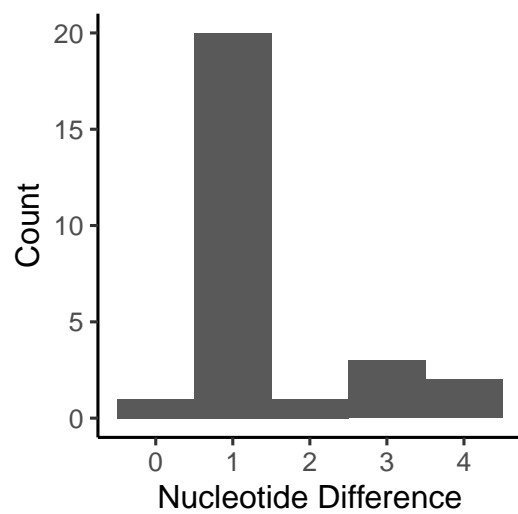
IGLV7-43*01

98 sequences assigned
87 (88.8%) exact matches, in which:
71 unique CDR3
3 unique J



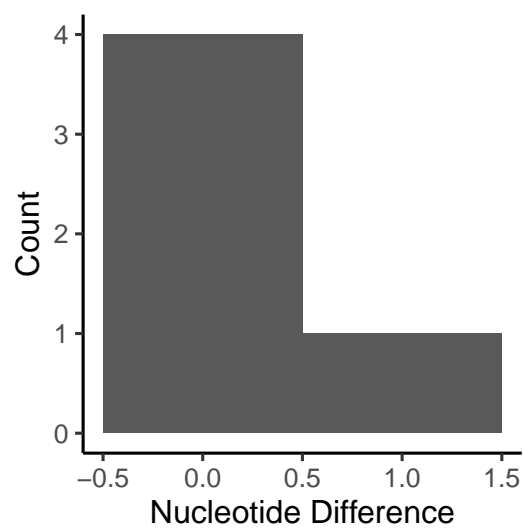
IGLV7-46*01

27 sequences assigned
1 (3.7%) exact matches, in which:
1 unique CDR3
1 unique J



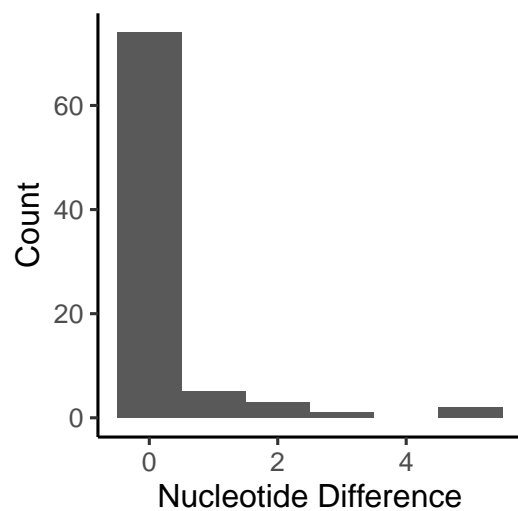
IGLV7-46*02

6 sequences assigned
4 (66.7%) exact matches, in which:
4 unique CDR3
2 unique J



IGLV9-49*01

86 sequences assigned
74 (86%) exact matches, in which:
67 unique CDR3
3 unique J



Allele Usage



Warning – no inferred sequences found.