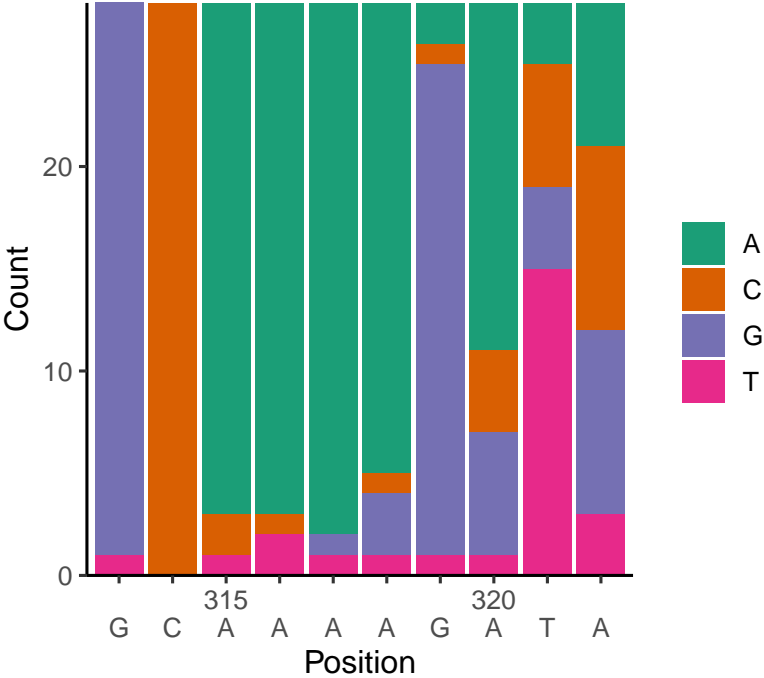
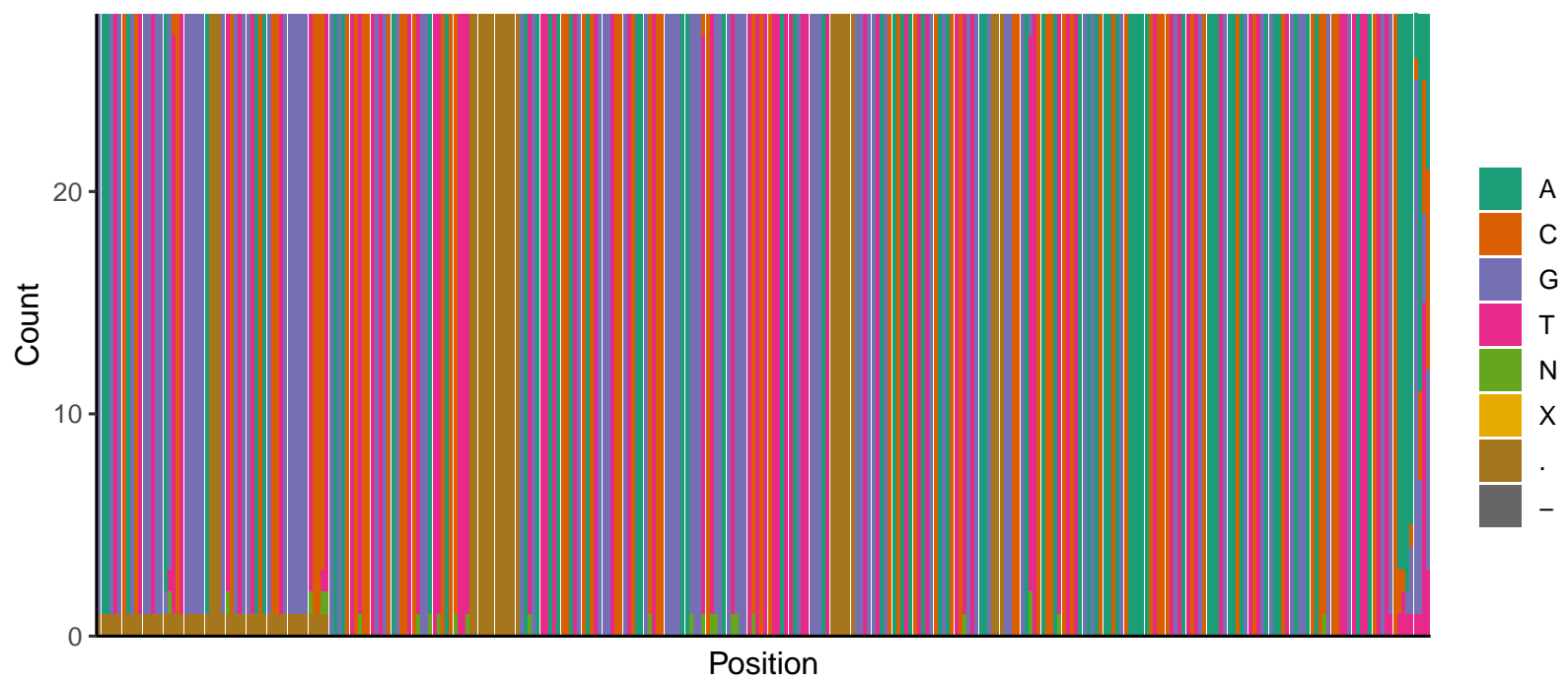


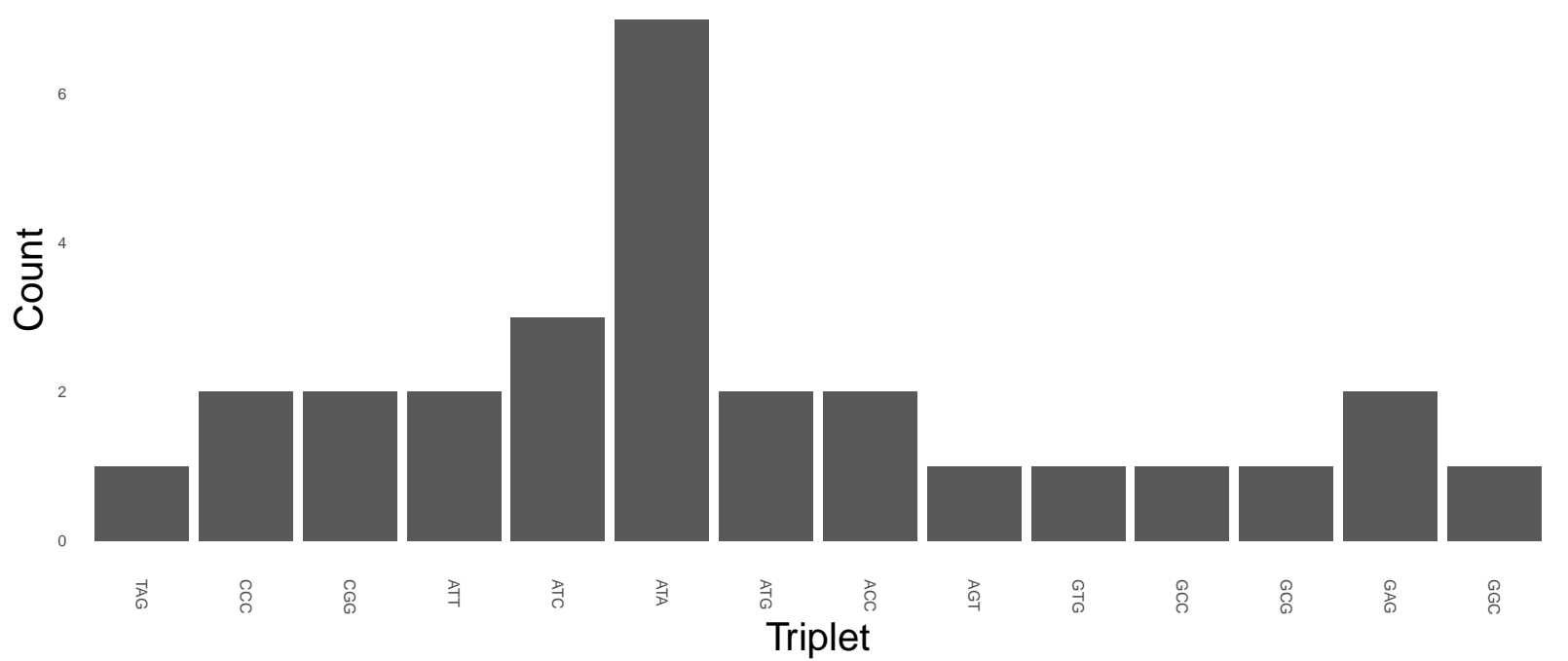
Gene IGHV3-43*01_C237T



Gene IGHV3-43*01_C237T

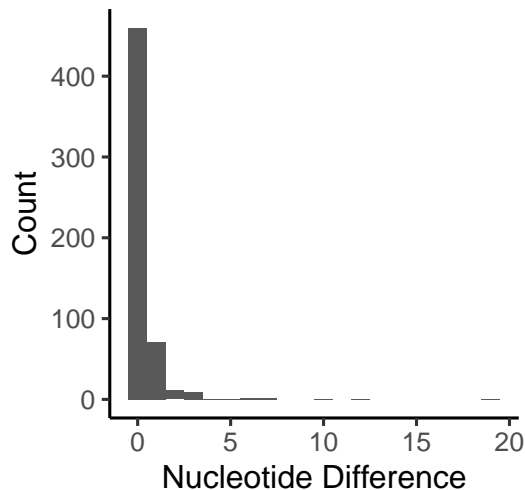


IGHV3-43*01_C237T- Final 3 nucleotides as a triplet



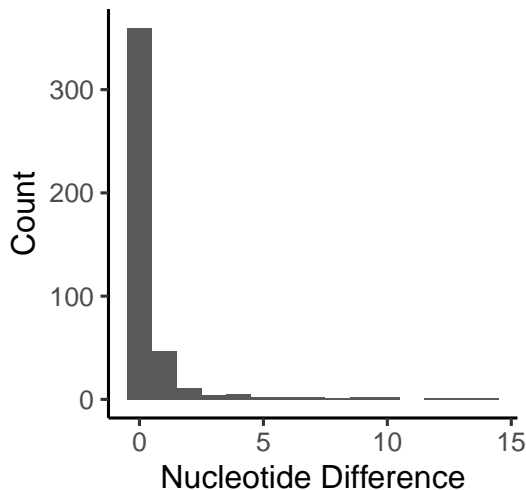
IGHV1-2*02

560 sequences assigned
460 (82.1%) exact matches, in which:
455 unique CDR3
6 unique J



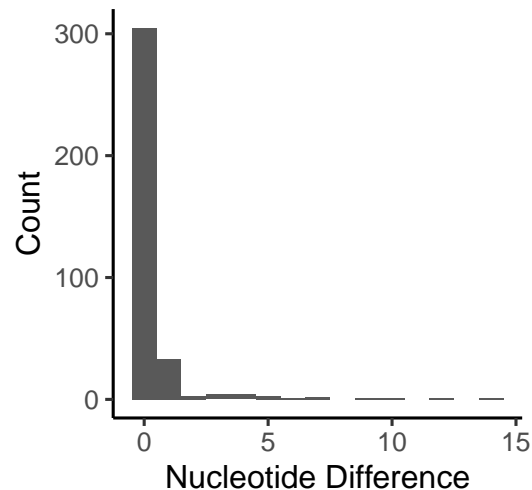
IGHV1-18*01

444 sequences assigned
360 (81.1%) exact matches, in which:
359 unique CDR3
6 unique J



IGHV1-46*01

359 sequences assigned
305 (85%) exact matches, in which:
303 unique CDR3
6 unique J



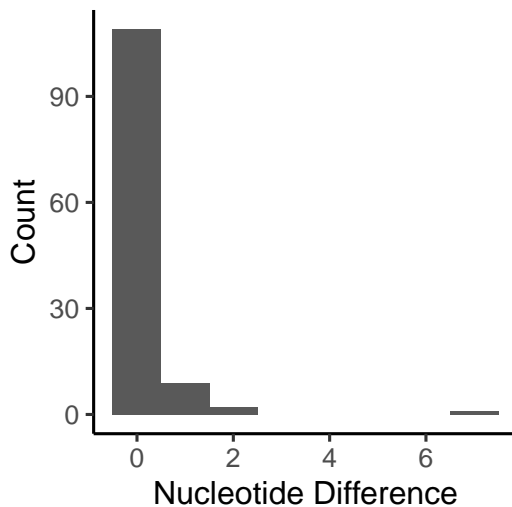
IGHV1-3*02

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



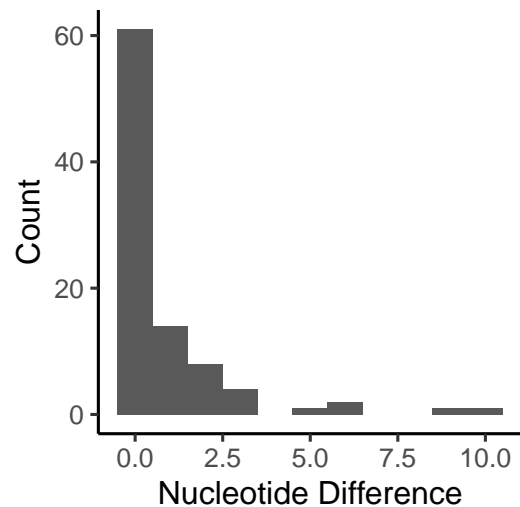
IGHV1-24*01

121 sequences assigned
109 (90.1%) exact matches, in which:
109 unique CDR3
6 unique J



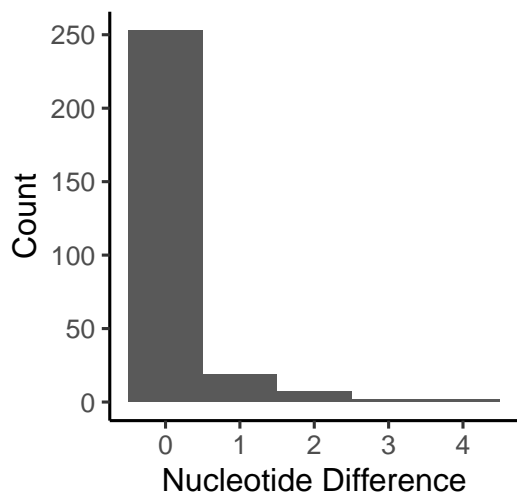
IGHV1-58*01

92 sequences assigned
61 (66.3%) exact matches, in which:
59 unique CDR3
5 unique J



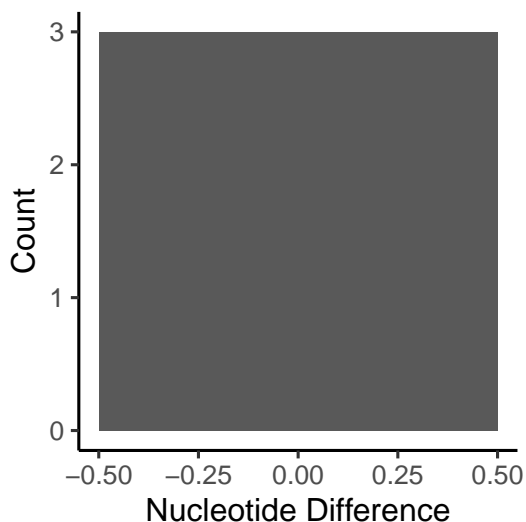
IGHV1-8*01

283 sequences assigned
253 (89.4%) exact matches, in which:
252 unique CDR3
6 unique J



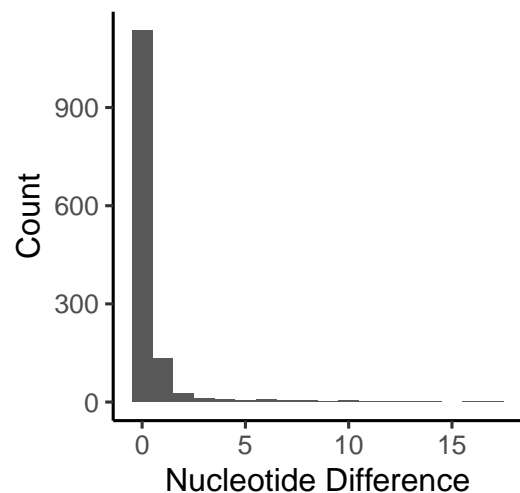
IGHV1-45*02

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



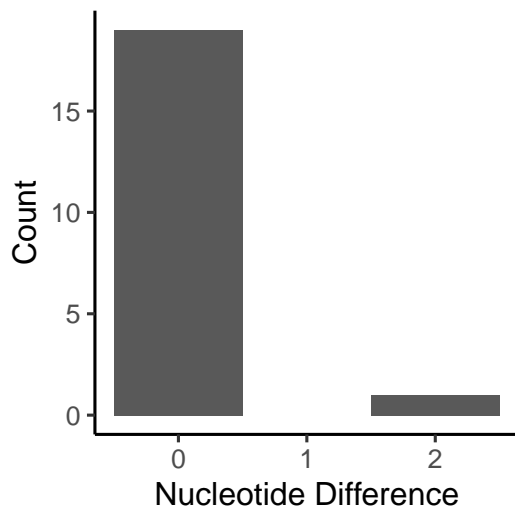
IGHV1-69*01

1356 sequences assigned
1136 (83.8%) exact matches, in which:
1122 unique CDR3
6 unique J



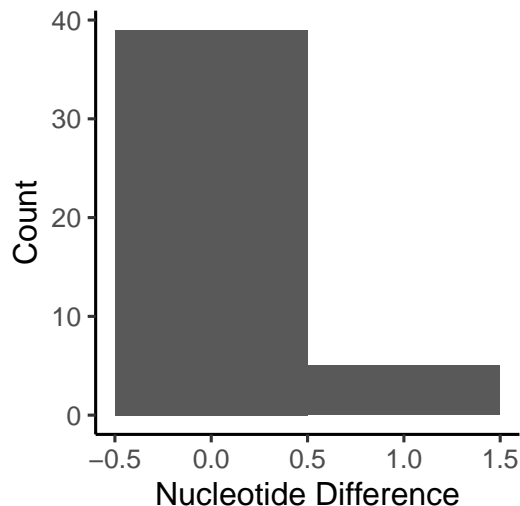
IGHV1-69-2*01

20 sequences assigned
19 (95%) exact matches, in which:
18 unique CDR3
4 unique J



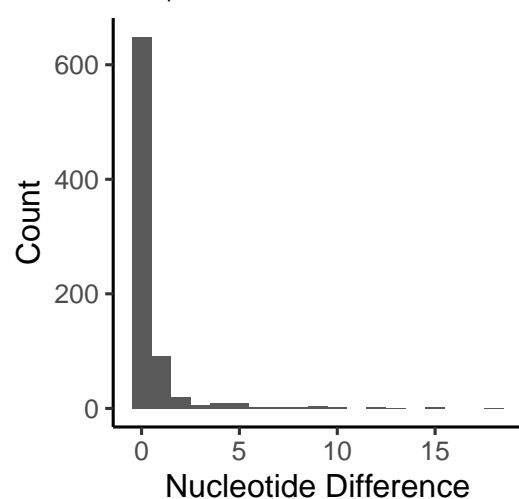
IGHV2-70*01

44 sequences assigned
39 (88.6%) exact matches, in which:
38 unique CDR3
5 unique J



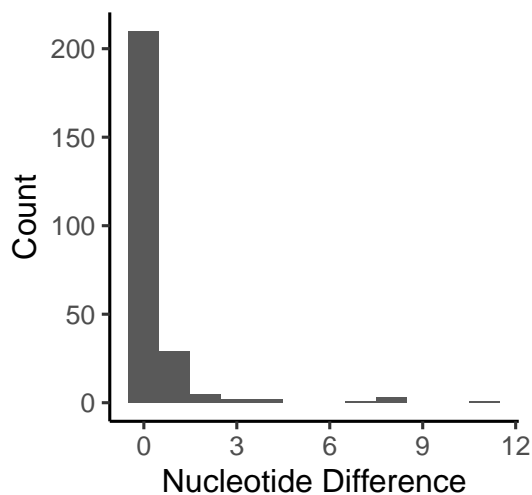
IGHV3-9*01

806 sequences assigned
649 (80.5%) exact matches, in which:
643 unique CDR3
6 unique J



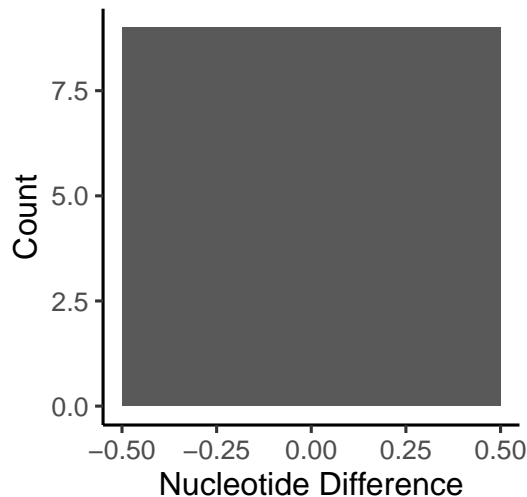
IGHV2-5*01

253 sequences assigned
210 (83%) exact matches, in which:
209 unique CDR3
6 unique J



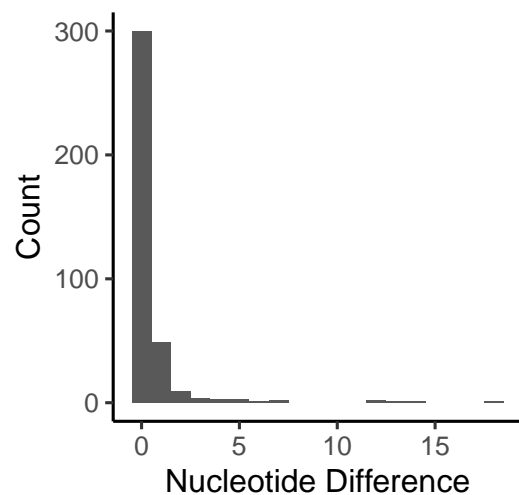
IGHV2-70*04

9 sequences assigned
9 (100%) exact matches, in which:
9 unique CDR3
3 unique J



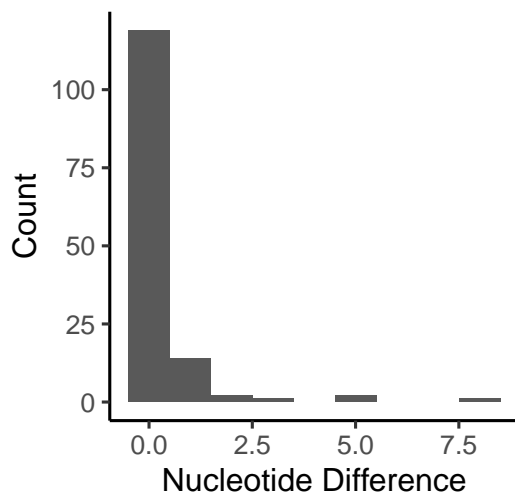
IGHV3-11*01

376 sequences assigned
300 (79.8%) exact matches, in which:
298 unique CDR3
6 unique J



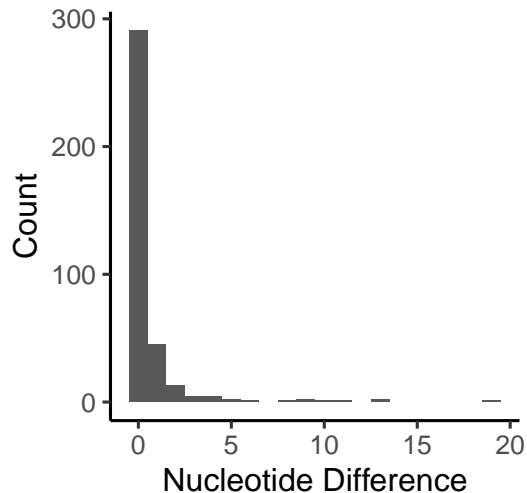
IGHV2-26*01

139 sequences assigned
119 (85.6%) exact matches, in which:
117 unique CDR3
5 unique J



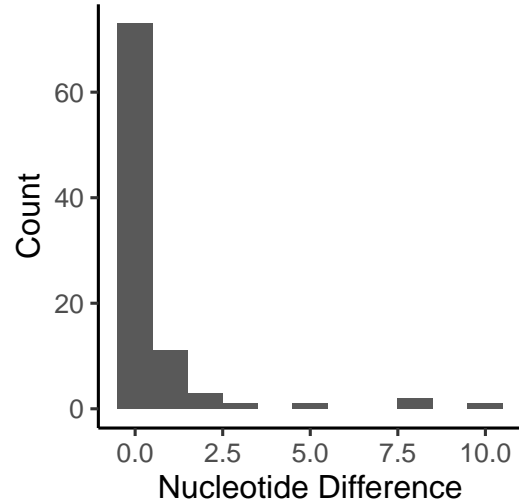
IGHV3-7*01

370 sequences assigned
291 (78.6%) exact matches, in which:
287 unique CDR3
6 unique J



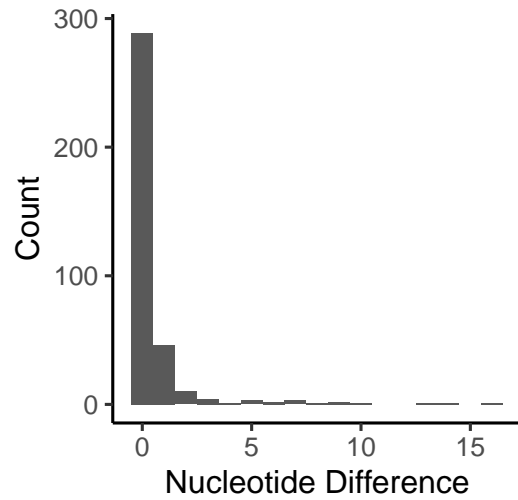
IGHV3-13*01

92 sequences assigned
73 (79.3%) exact matches, in which:
70 unique CDR3
5 unique J



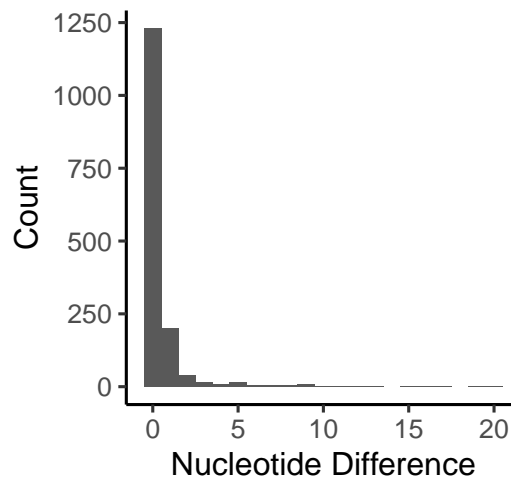
IGHV3-15*01

368 sequences assigned
289 (78.5%) exact matches, in which:
283 unique CDR3
6 unique J



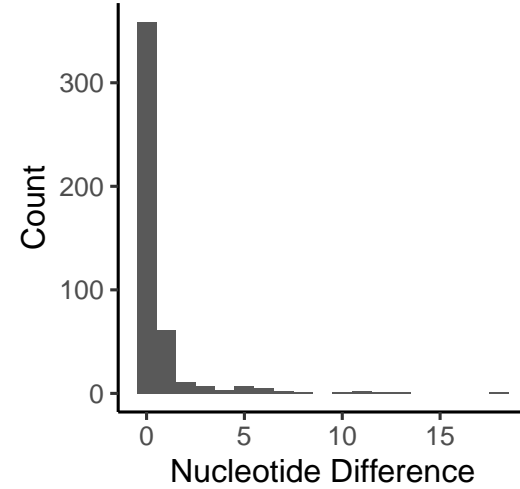
IGHV3-23*01

1559 sequences assigned
1230 (78.9%) exact matches, in which:
1213 unique CDR3
6 unique J



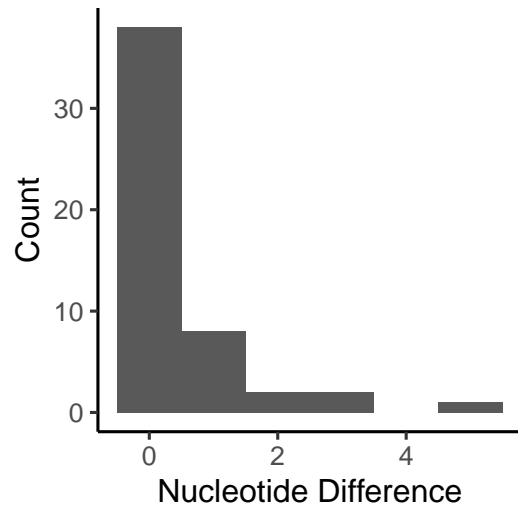
IGHV3-30*04

464 sequences assigned
359 (77.4%) exact matches, in which:
353 unique CDR3
6 unique J



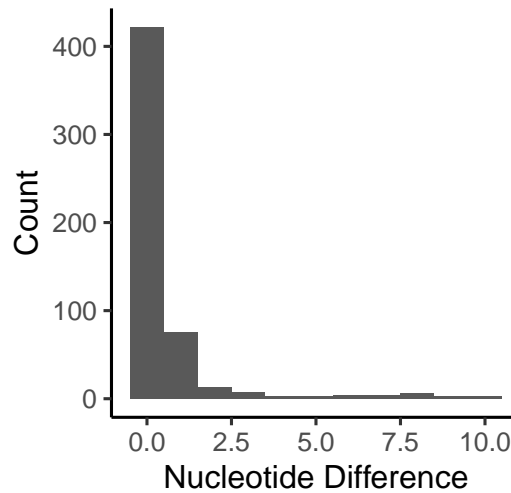
IGHV3-20*01

51 sequences assigned
38 (74.5%) exact matches, in which:
38 unique CDR3
5 unique J



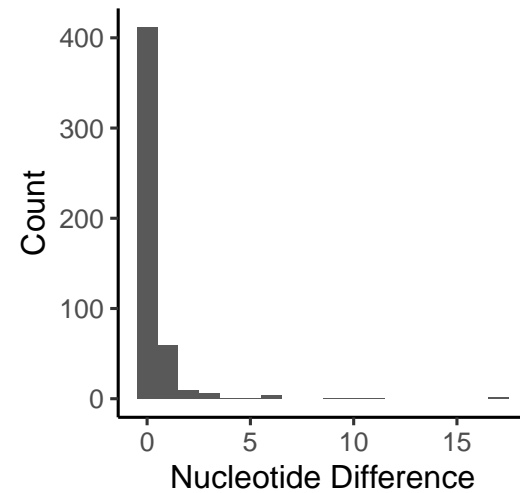
IGHV3-30-3*01

545 sequences assigned
422 (77.4%) exact matches, in which:
416 unique CDR3
6 unique J



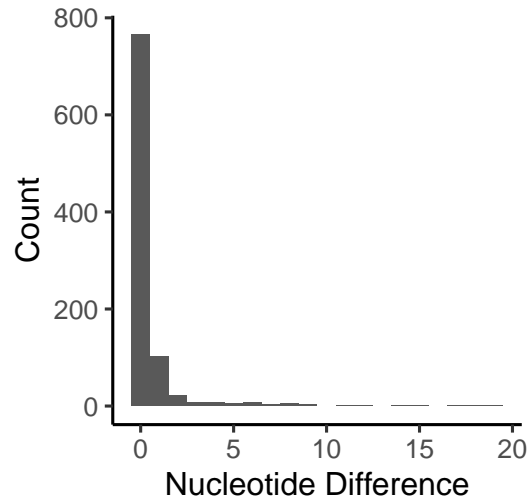
IGHV3-30*18

499 sequences assigned
412 (82.6%) exact matches, in which:
407 unique CDR3
6 unique J



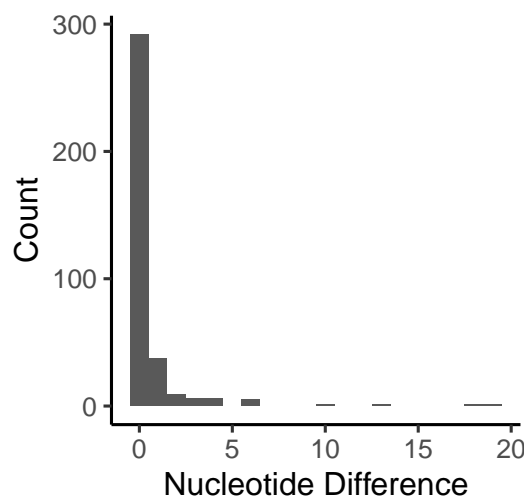
IGHV3-21*01

938 sequences assigned
766 (81.7%) exact matches, in which:
755 unique CDR3
6 unique J



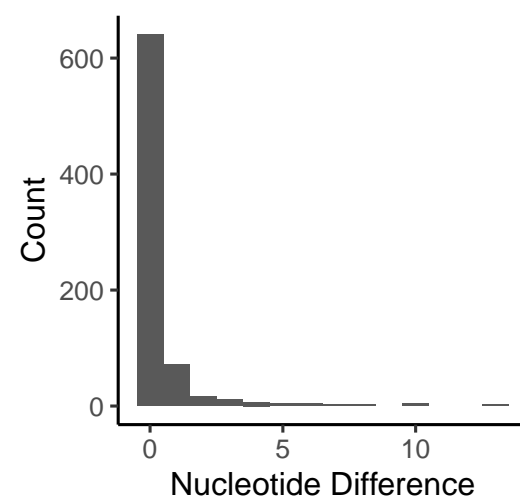
IGHV3-30*01

359 sequences assigned
292 (81.3%) exact matches, in which:
286 unique CDR3
6 unique J



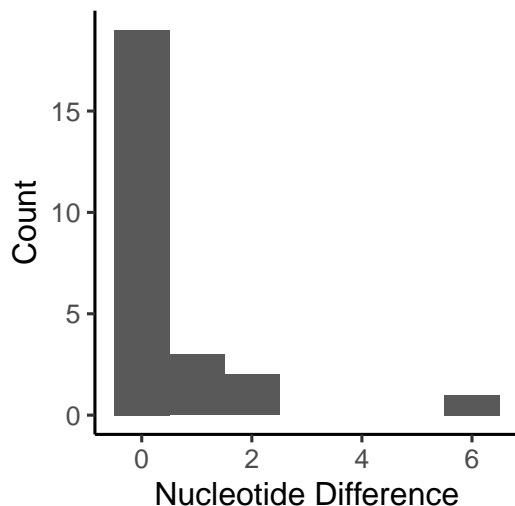
IGHV3-33*01

769 sequences assigned
641 (83.4%) exact matches, in which:
631 unique CDR3
6 unique J



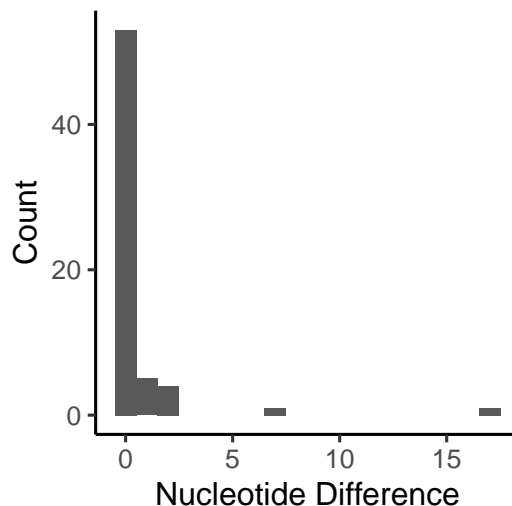
IGHV3-43*01

25 sequences assigned
19 (76%) exact matches, in which:
19 unique CDR3
4 unique J



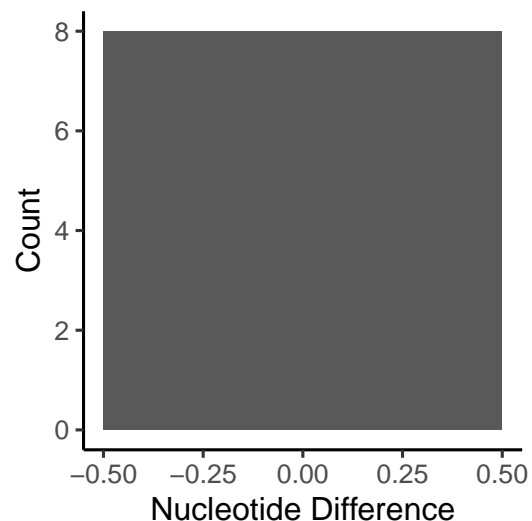
IGHV3-49*03

64 sequences assigned
53 (82.8%) exact matches, in which:
53 unique CDR3
6 unique J



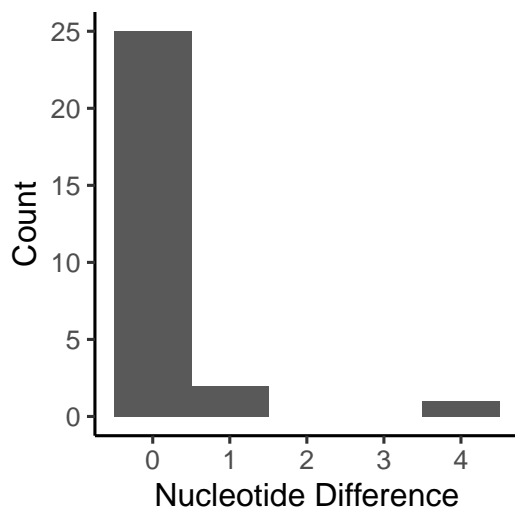
IGHV3-64*02

8 sequences assigned
8 (100%) exact matches, in which:
8 unique CDR3
3 unique J



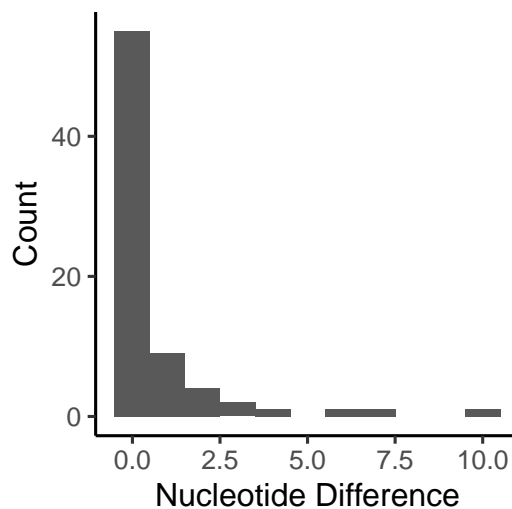
IGHV3-43*01_C237T

28 sequences assigned
25 (89.3%) exact matches, in which:
24 unique CDR3
4 unique J



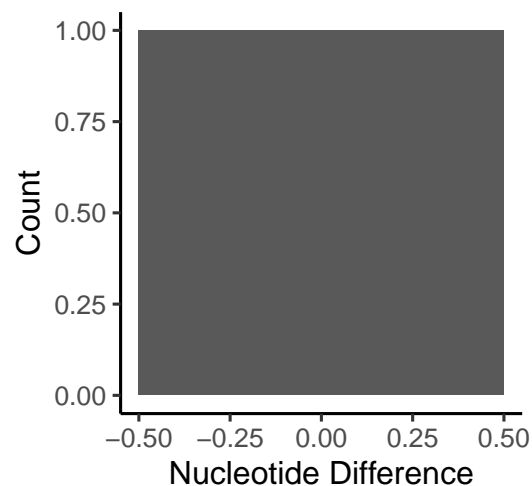
IGHV3-49*05

74 sequences assigned
55 (74.3%) exact matches, in which:
54 unique CDR3
5 unique J



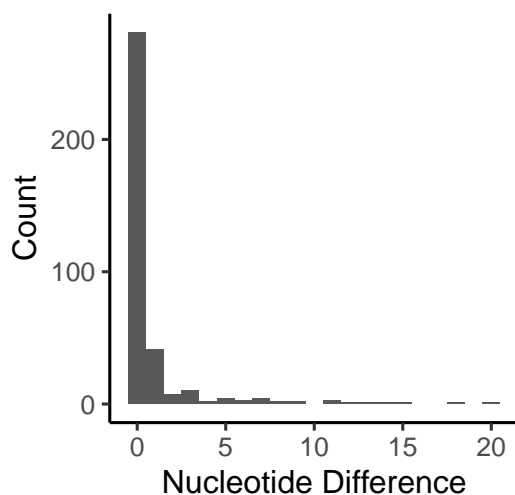
IGHV3-69-1*01

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



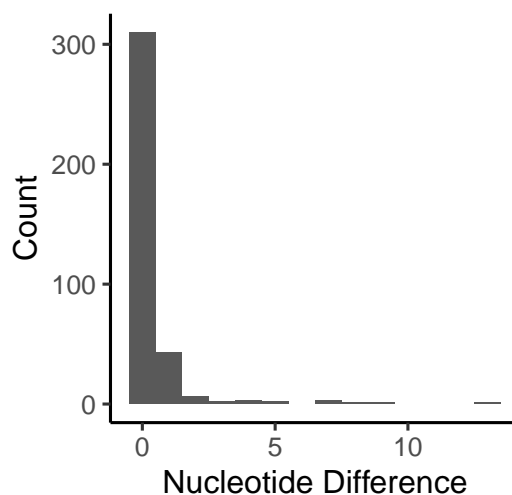
IGHV3-48*02

367 sequences assigned
281 (76.6%) exact matches, in which:
279 unique CDR3
6 unique J



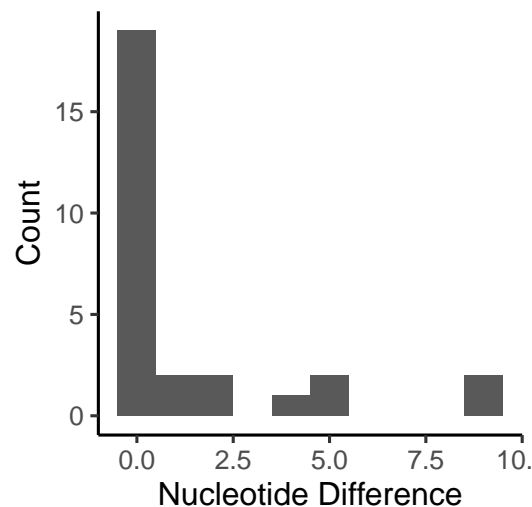
IGHV3-53*01

372 sequences assigned
310 (83.3%) exact matches, in which:
306 unique CDR3
6 unique J



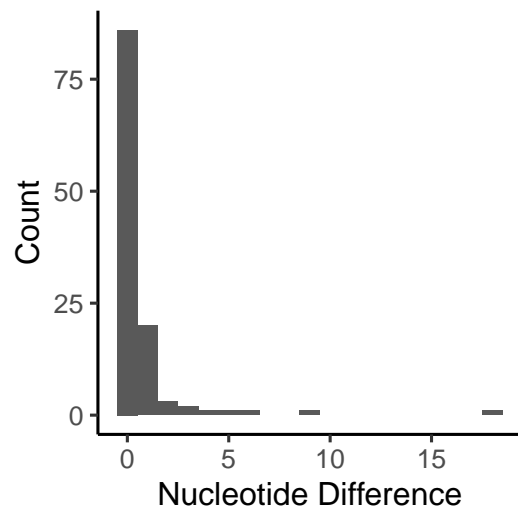
IGHV3-72*01

28 sequences assigned
19 (67.9%) exact matches, in which:
19 unique CDR3
3 unique J



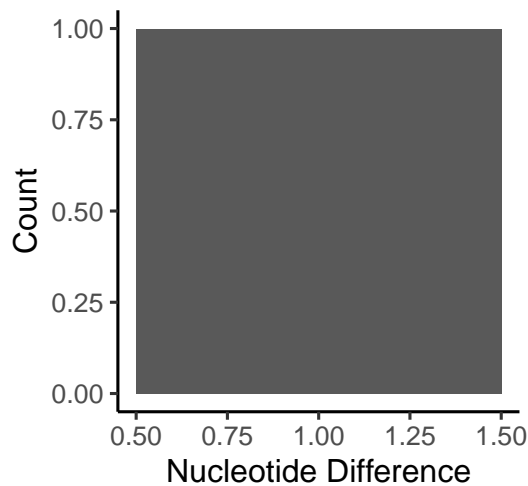
IGHV3-73*02

116 sequences assigned
86 (74.1%) exact matches, in which:
86 unique CDR3
5 unique J



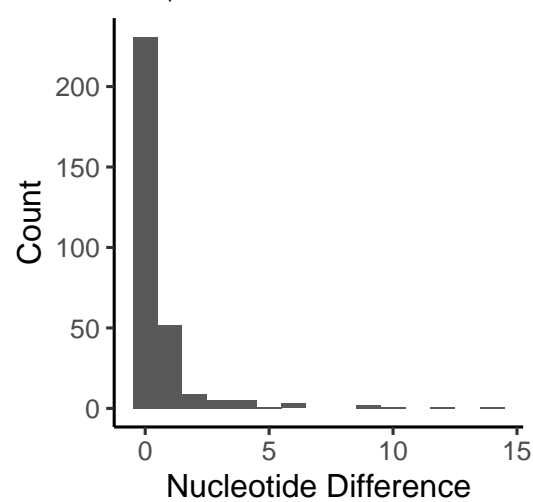
IGHV4-28*02

1 sequences assigned
No exact matches.



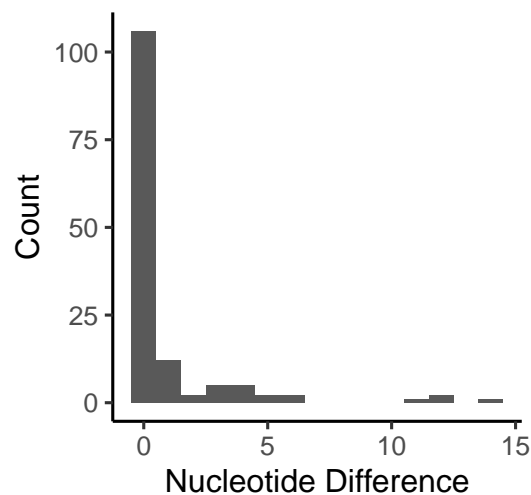
IGHV4-31*03

311 sequences assigned
231 (74.3%) exact matches, in which:
231 unique CDR3
6 unique J



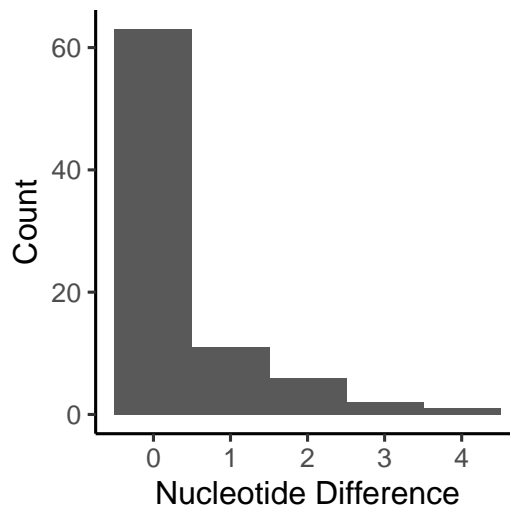
IGHV3-74*01

138 sequences assigned
106 (76.8%) exact matches, in which:
105 unique CDR3
5 unique J



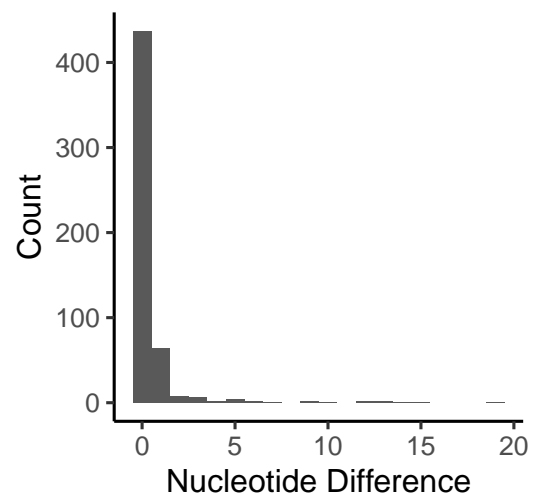
IGHV4-30-4*01

83 sequences assigned
63 (75.9%) exact matches, in which:
62 unique CDR3
5 unique J



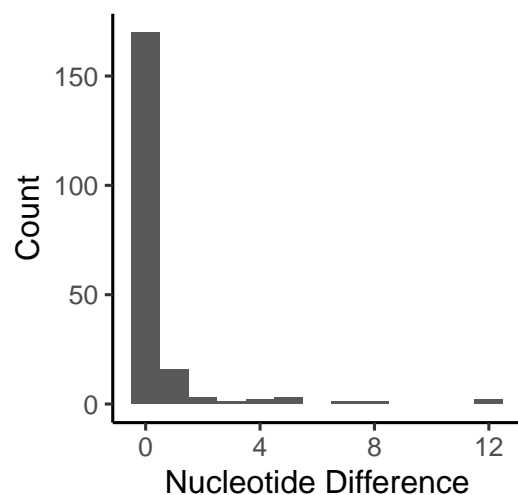
IGHV4-34*01

534 sequences assigned
437 (81.8%) exact matches, in which:
434 unique CDR3
6 unique J



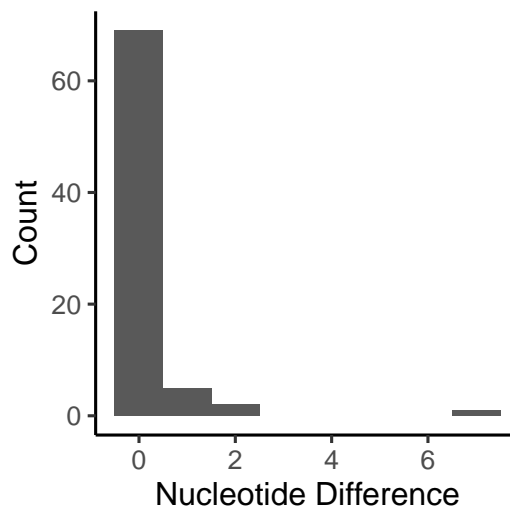
IGHV4-4*07

199 sequences assigned
170 (85.4%) exact matches, in which:
170 unique CDR3
6 unique J



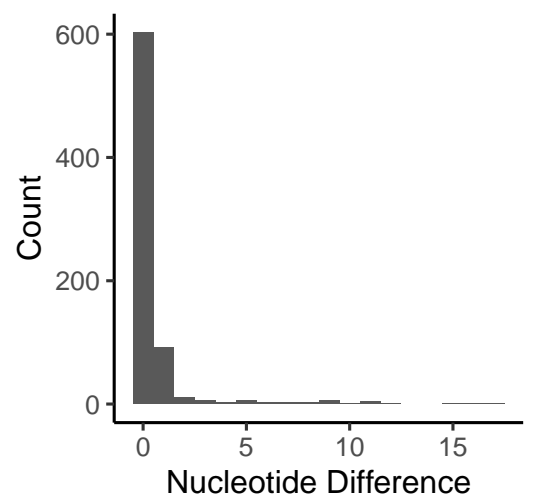
IGHV4-30-2*01

77 sequences assigned
69 (89.6%) exact matches, in which:
69 unique CDR3
6 unique J



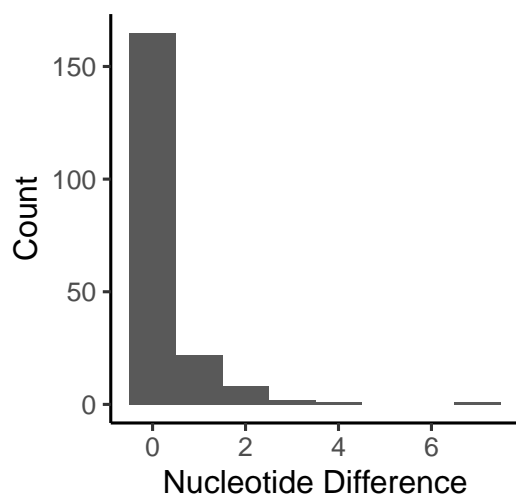
IGHV4-39*01

742 sequences assigned
603 (81.3%) exact matches, in which:
600 unique CDR3
6 unique J



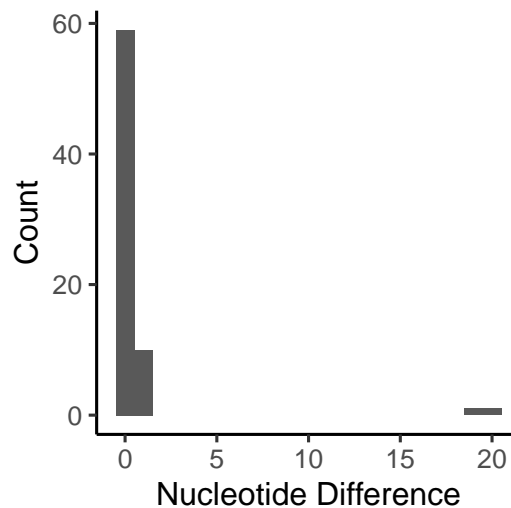
IGHV4–59*01

200 sequences assigned
165 (82.5%) exact matches, in which:
165 unique CDR3
6 unique J



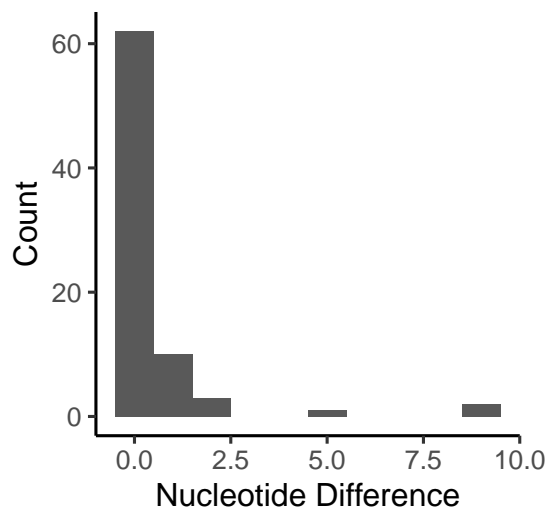
IGHV6–1*01

71 sequences assigned
59 (83.1%) exact matches, in which:
58 unique CDR3
5 unique J



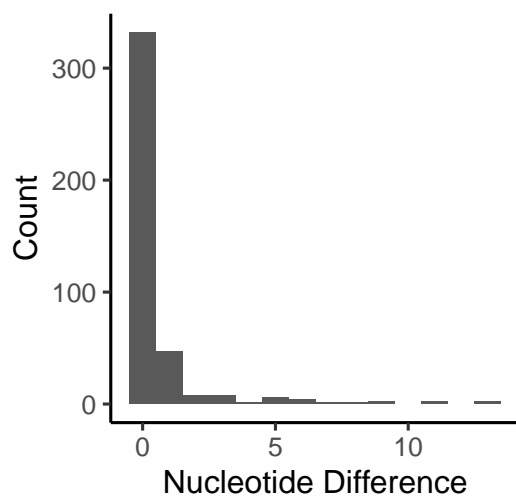
IGHV4–61*01

78 sequences assigned
62 (79.5%) exact matches, in which:
62 unique CDR3
6 unique J



IGHV5–51*01

416 sequences assigned
332 (79.8%) exact matches, in which:
328 unique CDR3
6 unique J



IGHV3-43*01_C237T

