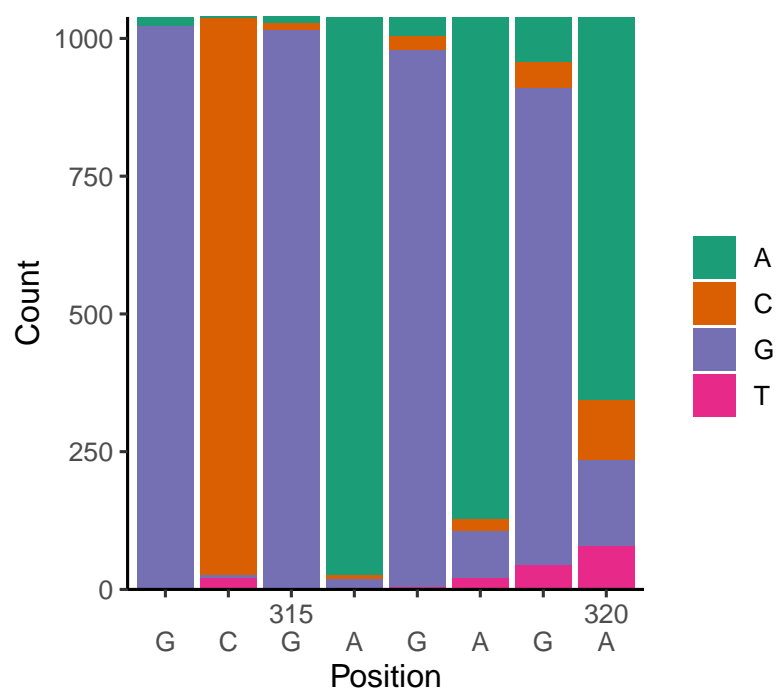


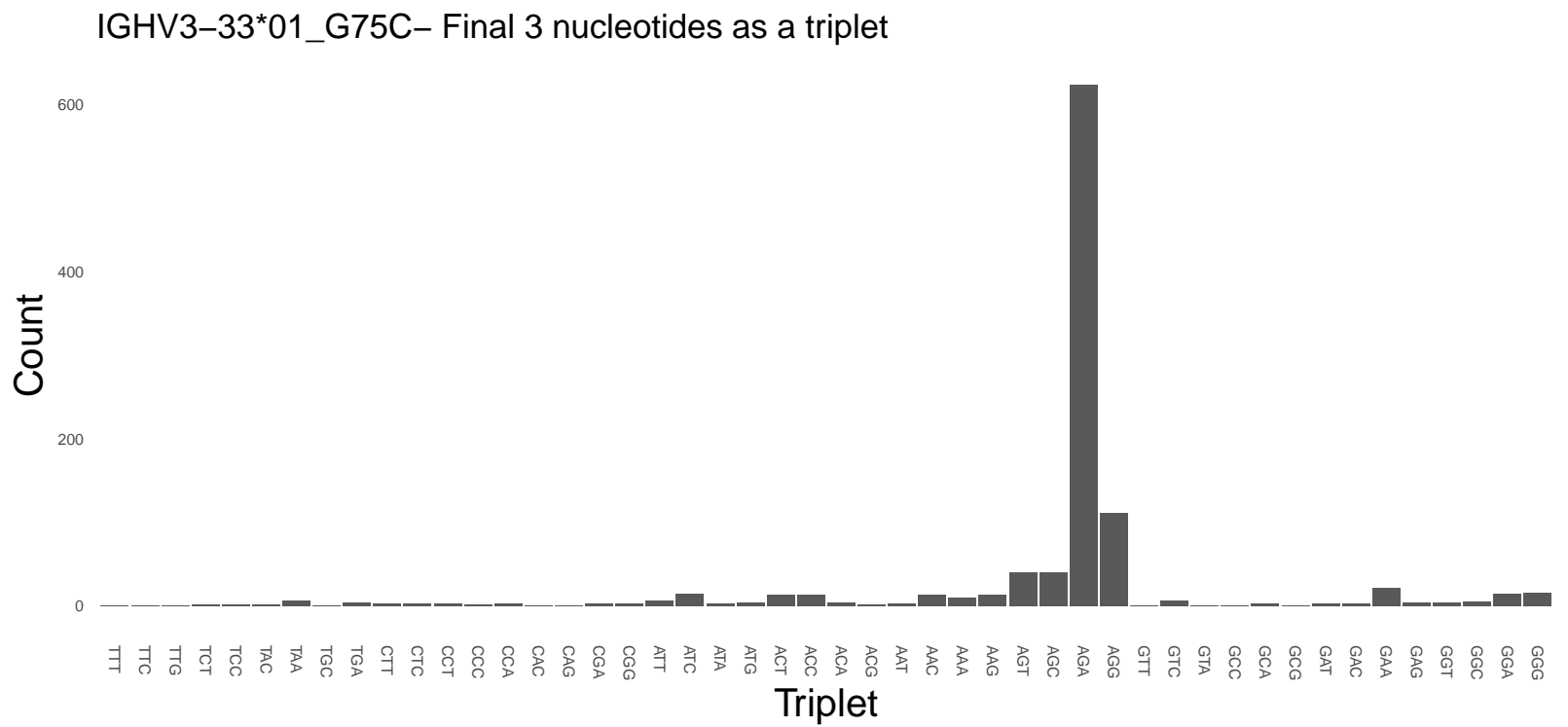
Gene IGHV3-33*01_G75C



Gene IGHV3-33*01_G75C

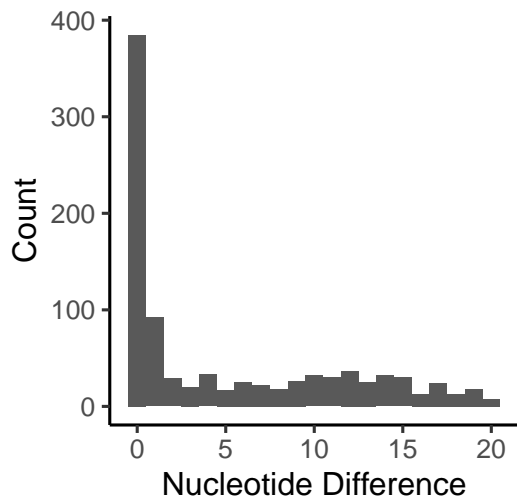


IGHV3-33*01_G75C- Final 3 nucleotides as a triplet



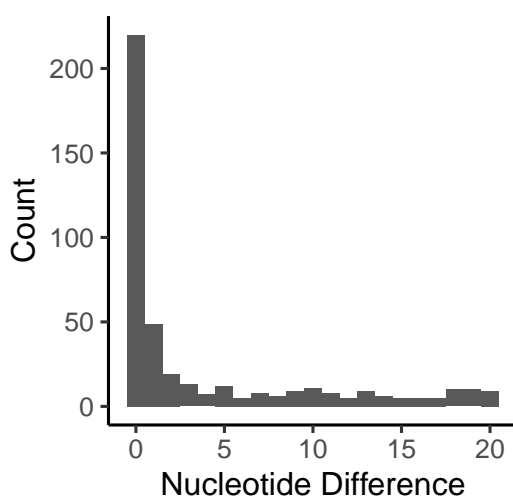
IGHV1-2*02

1043 sequences assigned
385 (36.9%) exact matches, in which:
383 unique CDR3
6 unique J



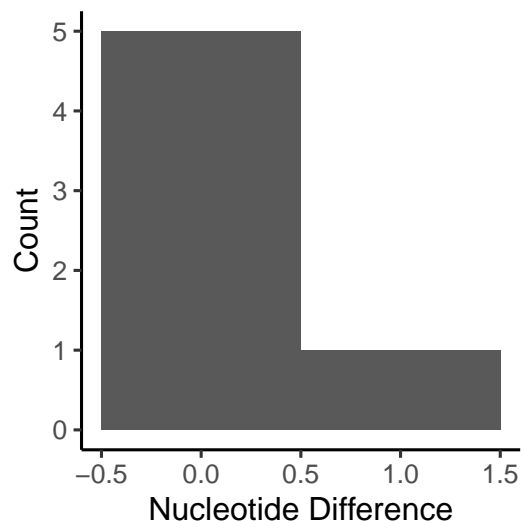
IGHV1-18*01

488 sequences assigned
220 (45.1%) exact matches, in which:
218 unique CDR3
5 unique J



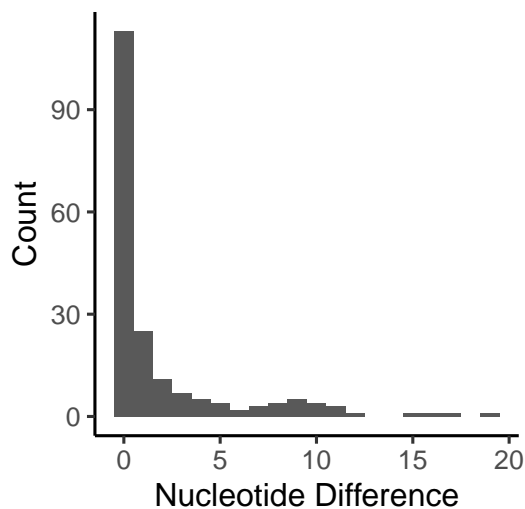
IGHV1-45*02

7 sequences assigned
5 (71.4%) exact matches, in which:
5 unique CDR3
2 unique J



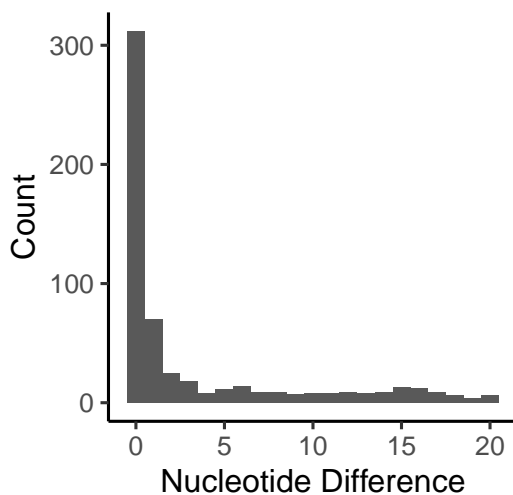
IGHV1-2*04

193 sequences assigned
113 (58.5%) exact matches, in which:
112 unique CDR3
5 unique J



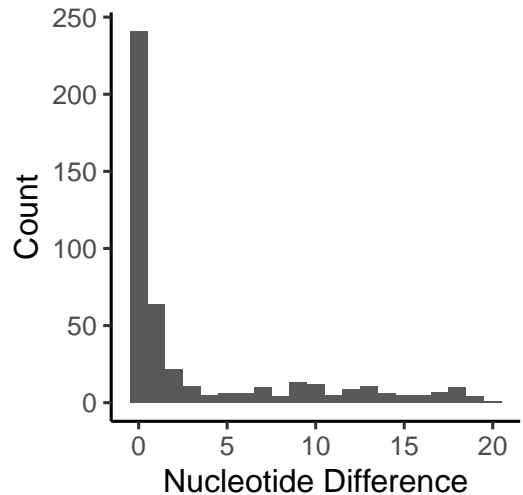
IGHV1-18*04

625 sequences assigned
312 (49.9%) exact matches, in which:
309 unique CDR3
6 unique J



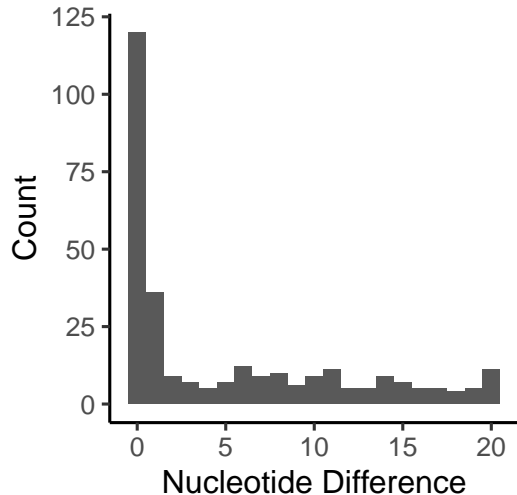
IGHV1-46*01

529 sequences assigned
241 (45.6%) exact matches, in which:
239 unique CDR3
5 unique J



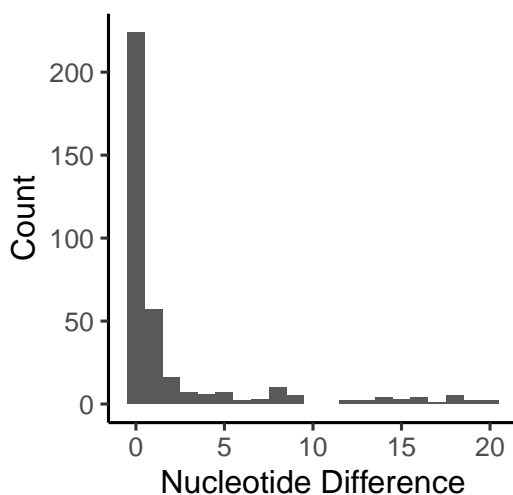
IGHV1-3*01

377 sequences assigned
120 (31.8%) exact matches, in which:
117 unique CDR3
6 unique J



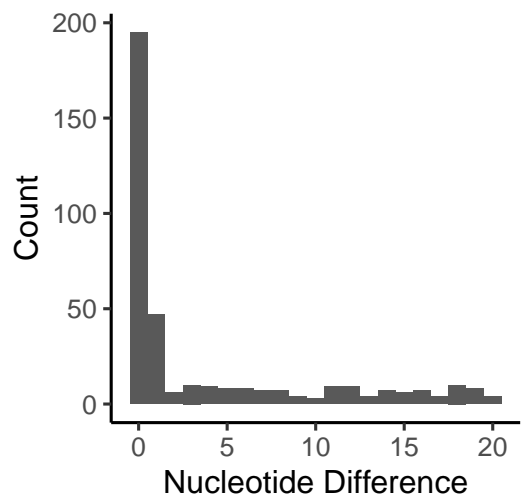
IGHV1-24*01

371 sequences assigned
224 (60.4%) exact matches, in which:
220 unique CDR3
6 unique J



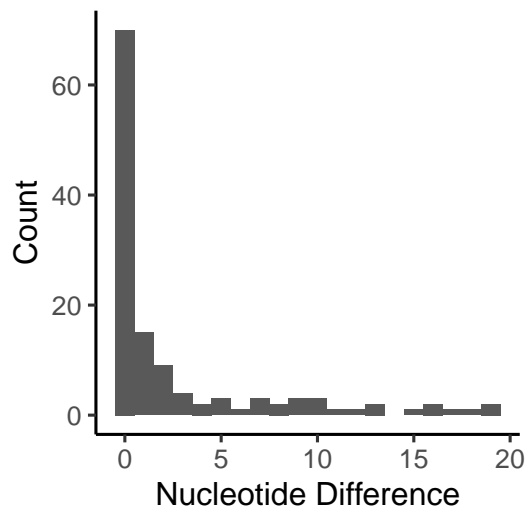
IGHV1-46*04

390 sequences assigned
195 (50%) exact matches, in which:
193 unique CDR3
6 unique J



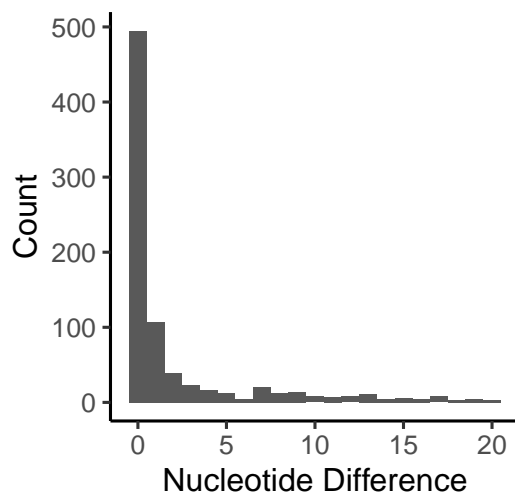
IGHV1-58*01

128 sequences assigned
70 (54.7%) exact matches, in which:
70 unique CDR3
5 unique J



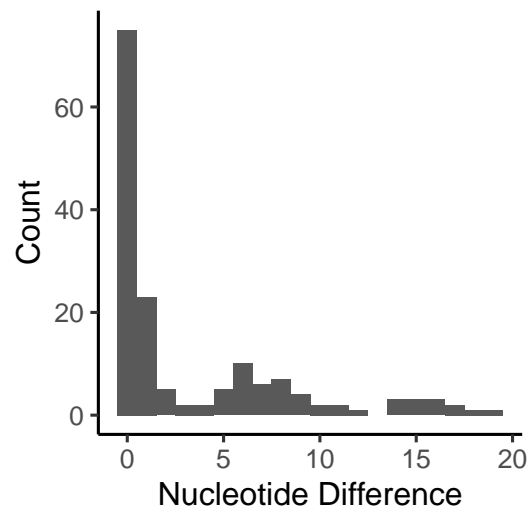
IGHV1-69*06

861 sequences assigned
495 (57.5%) exact matches, in which:
473 unique CDR3
6 unique J



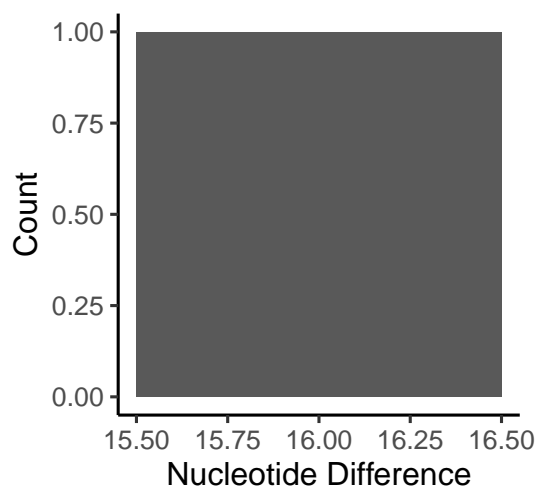
IGHV2-26*01

158 sequences assigned
75 (47.5%) exact matches, in which:
75 unique CDR3
5 unique J



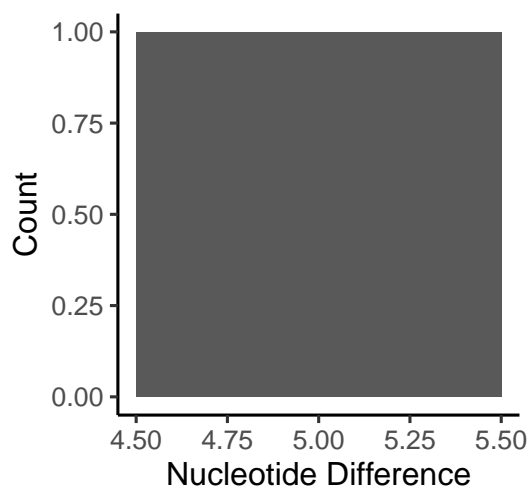
IGHV1-68*02

2 sequences assigned
No exact matches.



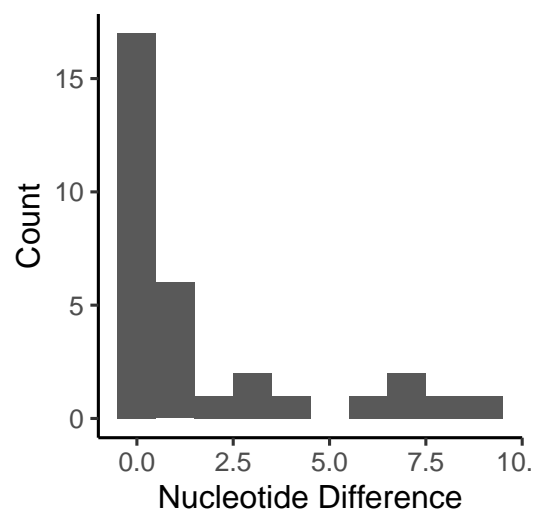
IGHV1-NL1*01

1 sequences assigned
No exact matches.



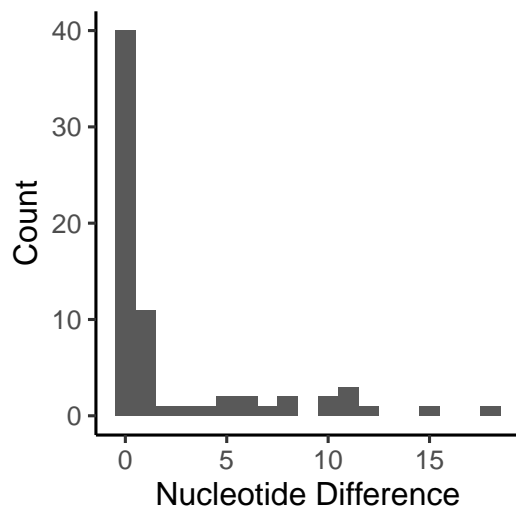
IGHV2-26*02

32 sequences assigned
17 (53.1%) exact matches, in which:
17 unique CDR3
4 unique J



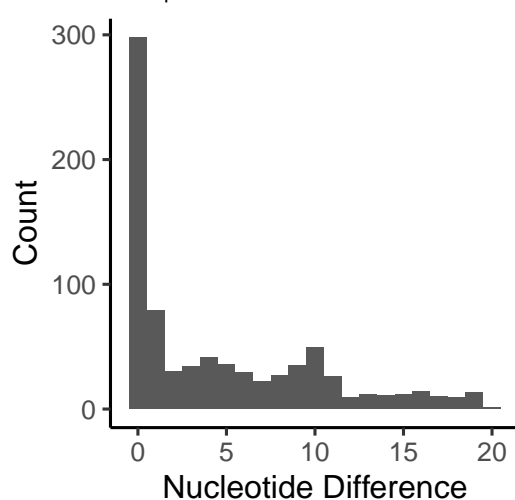
IGHV1-69-2*01

72 sequences assigned
40 (55.6%) exact matches, in which:
40 unique CDR3
4 unique J



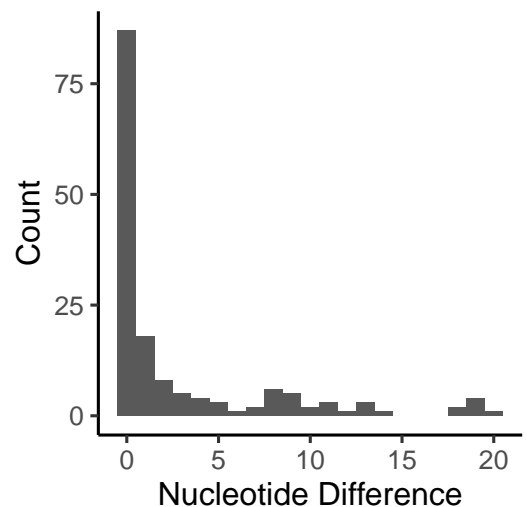
IGHV2-5*02

824 sequences assigned
298 (36.2%) exact matches, in which:
296 unique CDR3
6 unique J



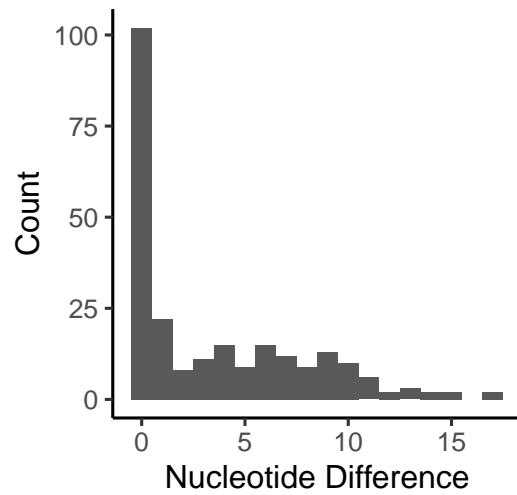
IGHV2-70*01

162 sequences assigned
87 (53.7%) exact matches, in which:
87 unique CDR3
5 unique J



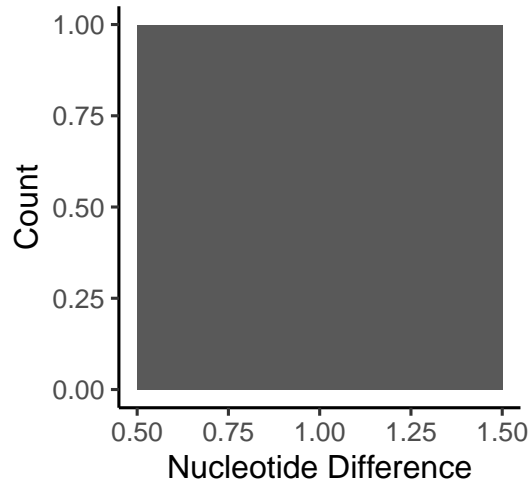
IGHV2-70*15

246 sequences assigned
102 (41.5%) exact matches, in which:
100 unique CDR3
5 unique J



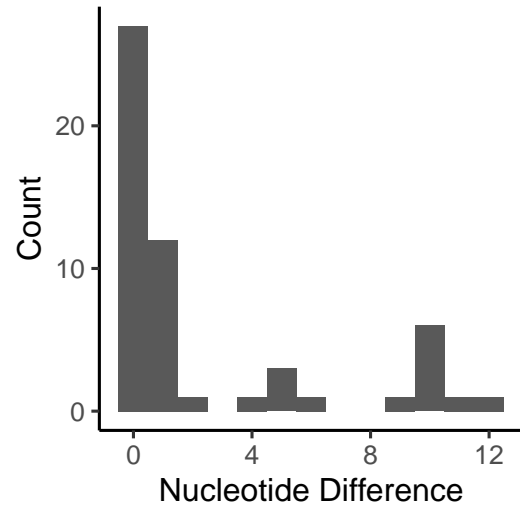
IGHV3-9*01

1 sequences assigned
No exact matches.



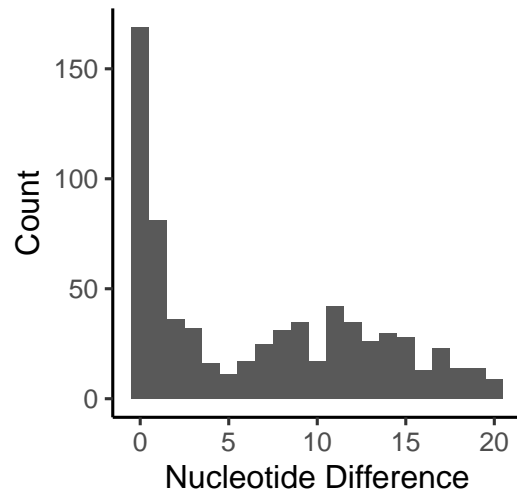
IGHV3-13*05

54 sequences assigned
27 (50%) exact matches, in which:
27 unique CDR3
4 unique J



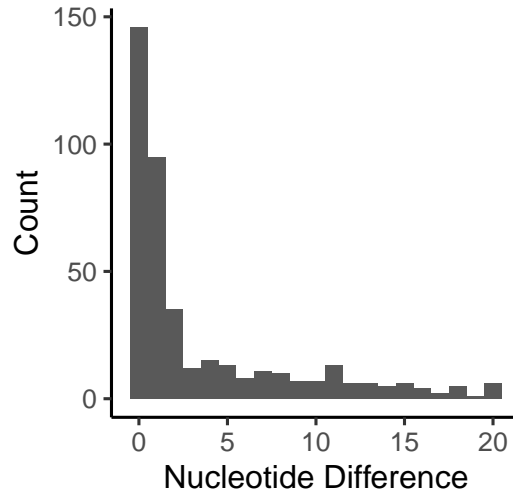
IGHV3-7*03

795 sequences assigned
169 (21.3%) exact matches, in which:
155 unique CDR3
6 unique J



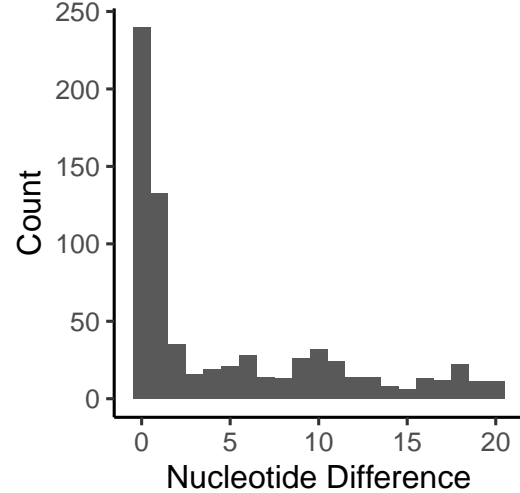
IGHV3-11*06

500 sequences assigned
146 (29.2%) exact matches, in which:
145 unique CDR3
6 unique J



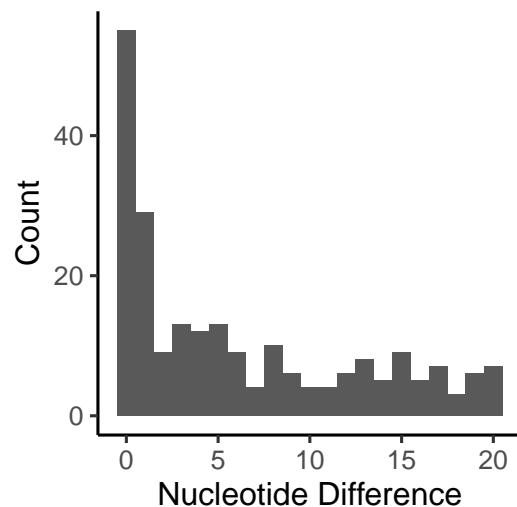
IGHV3-15*01

772 sequences assigned
240 (31.1%) exact matches, in which:
237 unique CDR3
6 unique J



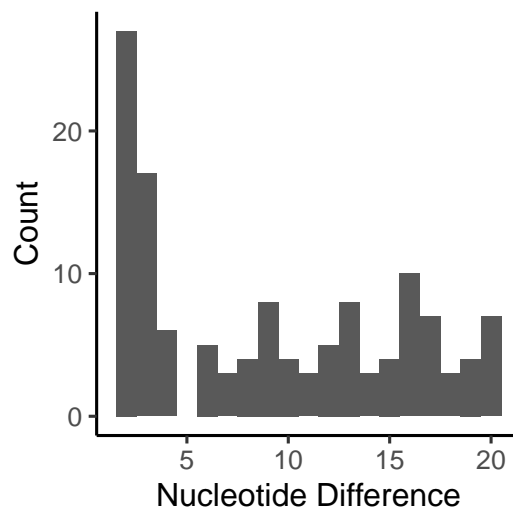
IGHV3-7*04

253 sequences assigned
55 (21.7%) exact matches, in which:
55 unique CDR3
4 unique J



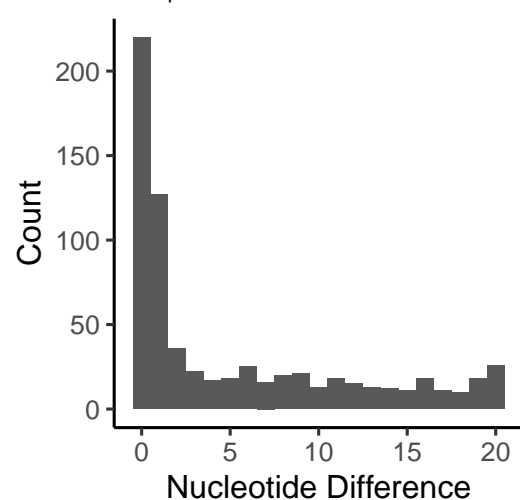
IGHV3-13*01

151 sequences assigned
No exact matches.



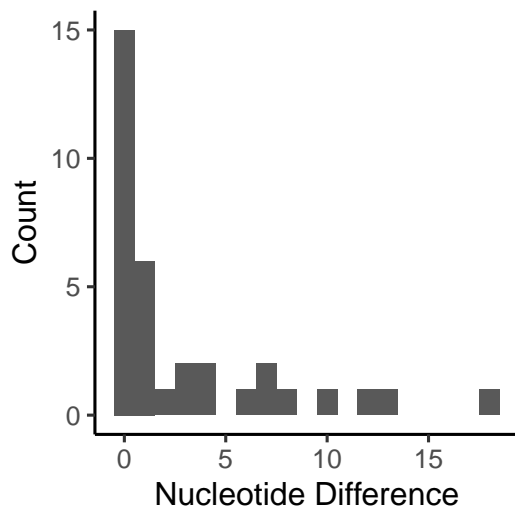
IGHV3-15*07

785 sequences assigned
220 (28%) exact matches, in which:
216 unique CDR3
6 unique J



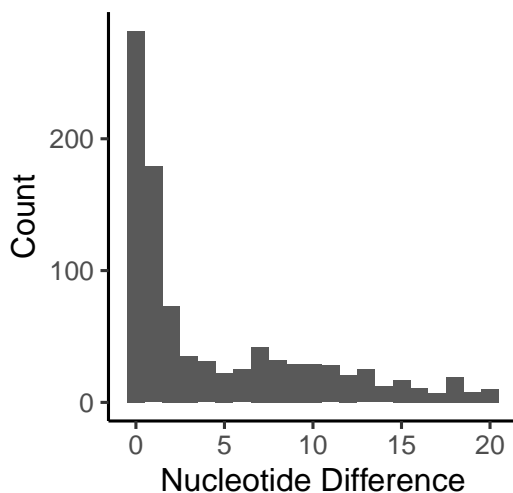
IGHV3-20*04

34 sequences assigned
15 (44.1%) exact matches, in which:
14 unique CDR3
3 unique J



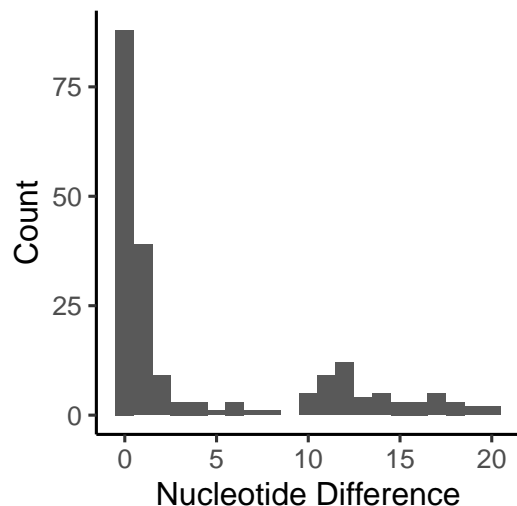
IGHV3-33*01

1067 sequences assigned
282 (26.4%) exact matches, in which:
280 unique CDR3
6 unique J



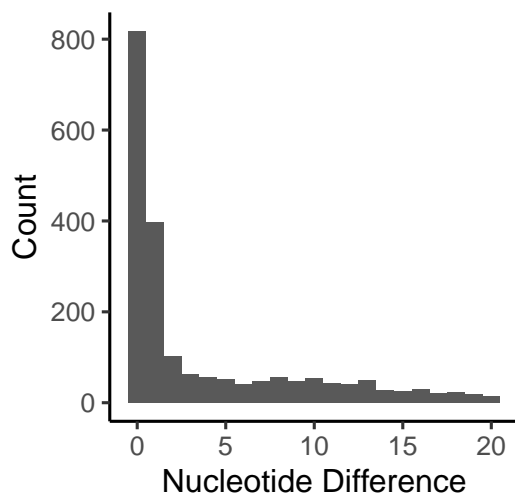
IGHV3-43*01

216 sequences assigned
88 (40.7%) exact matches, in which:
85 unique CDR3
5 unique J



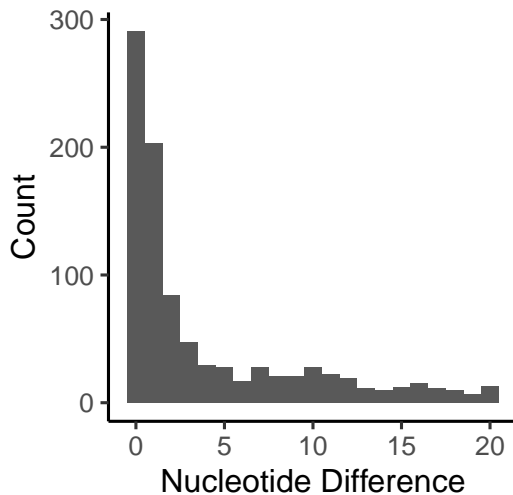
IGHV3-21*01

2112 sequences assigned
818 (38.7%) exact matches, in which:
810 unique CDR3
6 unique J



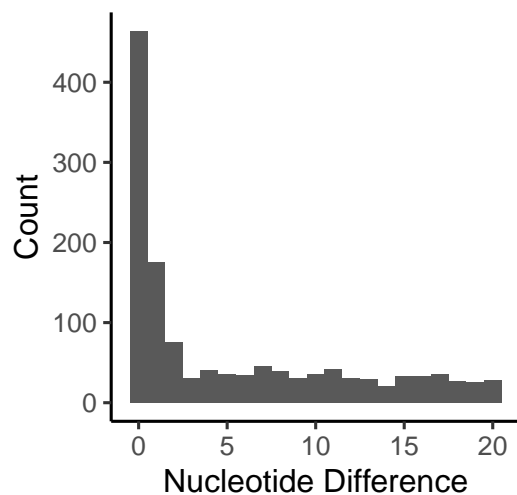
IGHV3-33*01_G75C

1039 sequences assigned
291 (28%) exact matches, in which:
287 unique CDR3
6 unique J



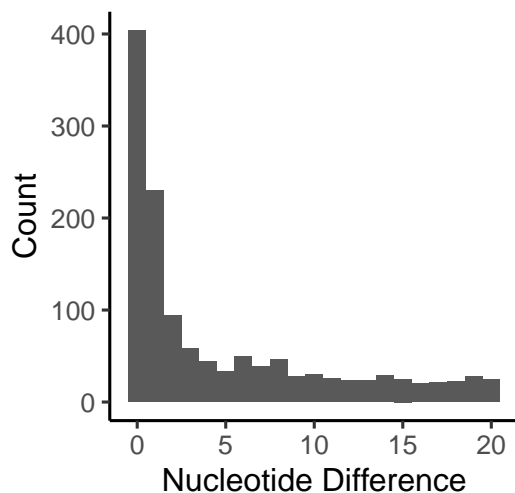
IGHV3-48*01

1538 sequences assigned
464 (30.2%) exact matches, in which:
458 unique CDR3
6 unique J



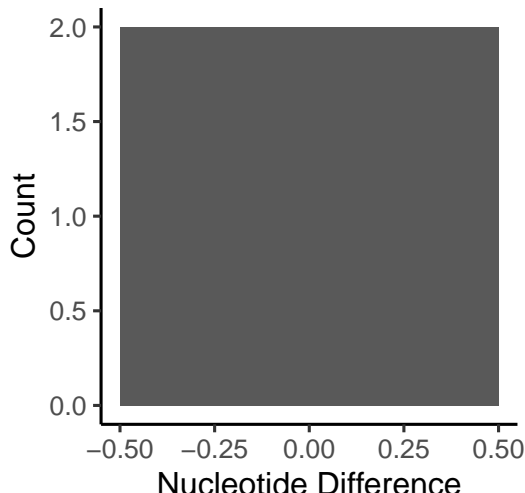
IGHV3-30-3*01

1615 sequences assigned
404 (25%) exact matches, in which:
395 unique CDR3
6 unique J



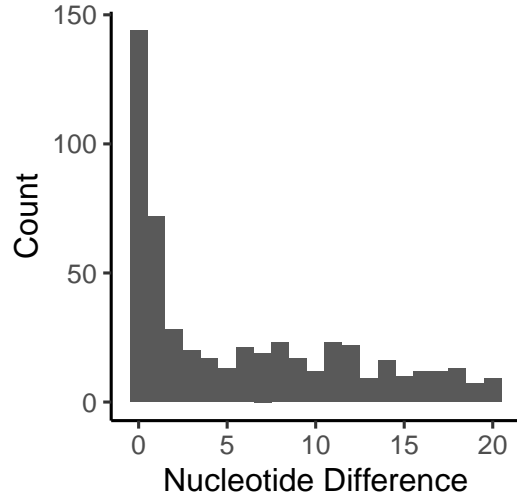
IGHV3-35*01

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



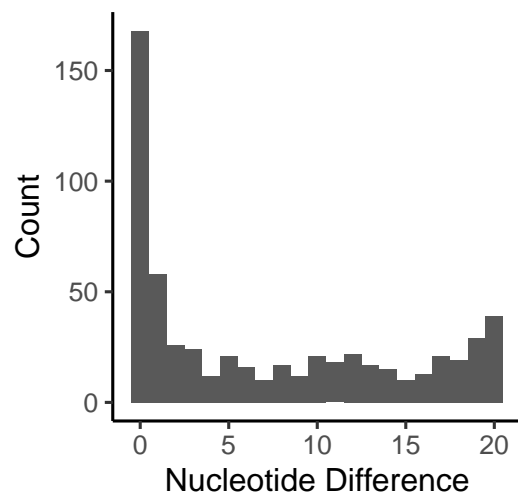
IGHV3-49*03

567 sequences assigned
144 (25.4%) exact matches, in which:
144 unique CDR3
6 unique J



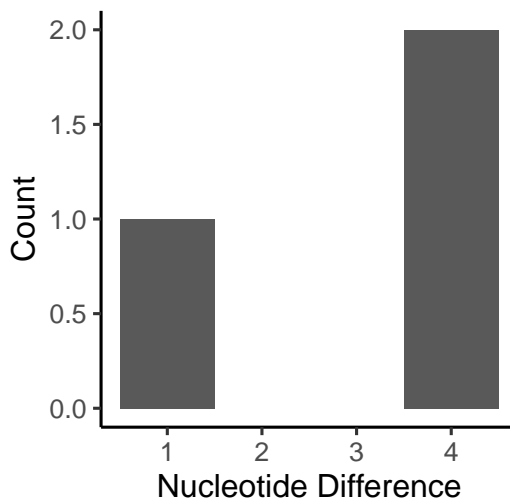
IGHV3-53*01

657 sequences assigned
168 (25.6%) exact matches, in which:
166 unique CDR3
6 unique J



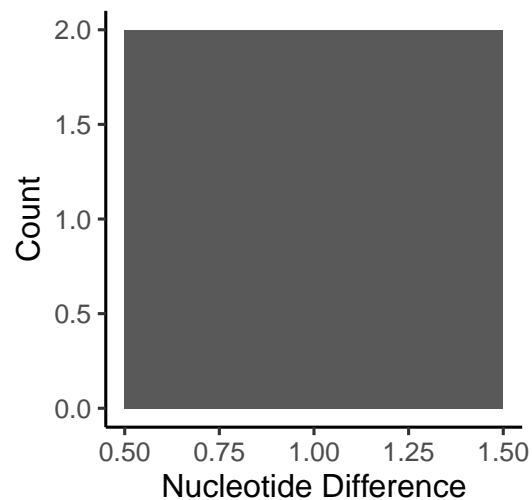
IGHV3-66*01

3 sequences assigned
No exact matches.



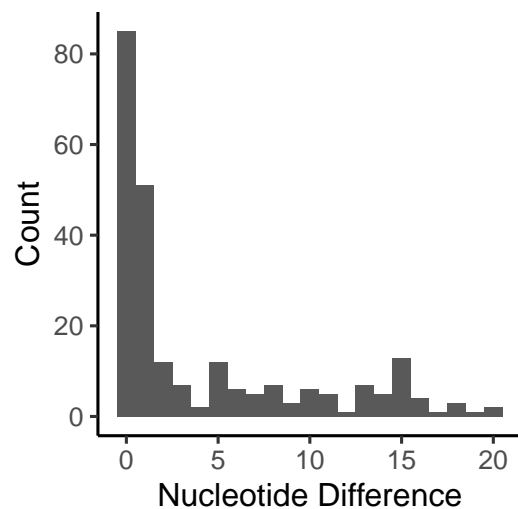
IGHV3-69-1*02

2 sequences assigned
No exact matches.



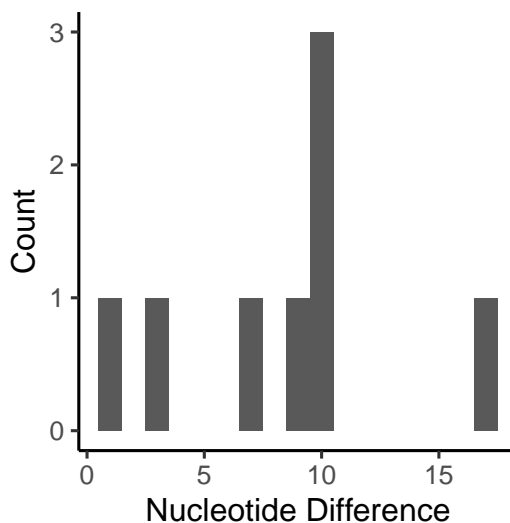
IGHV3-53*02

249 sequences assigned
85 (34.1%) exact matches, in which:
85 unique CDR3
5 unique J



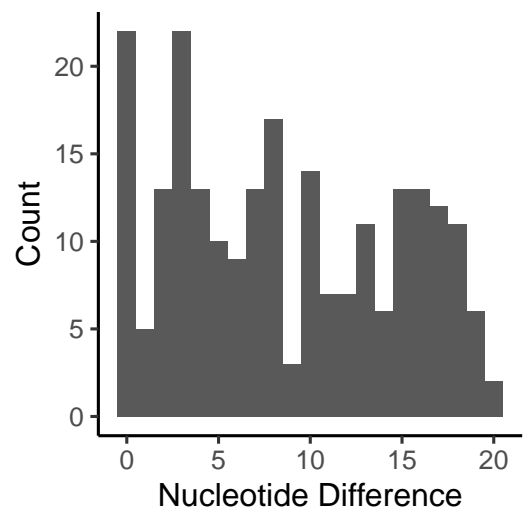
IGHV3-66*03

8 sequences assigned
No exact matches.



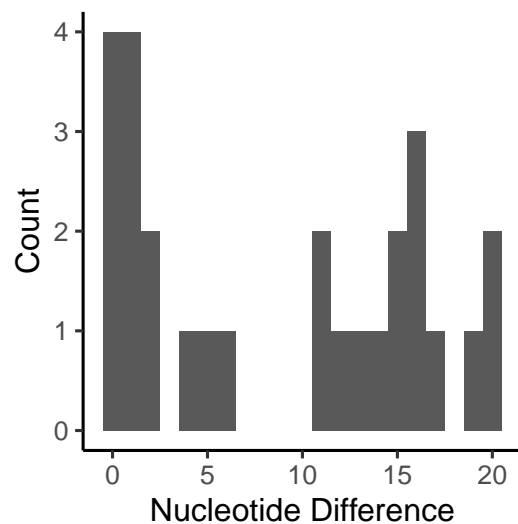
IGHV3-72*01

285 sequences assigned
22 (7.7%) exact matches, in which:
22 unique CDR3
5 unique J



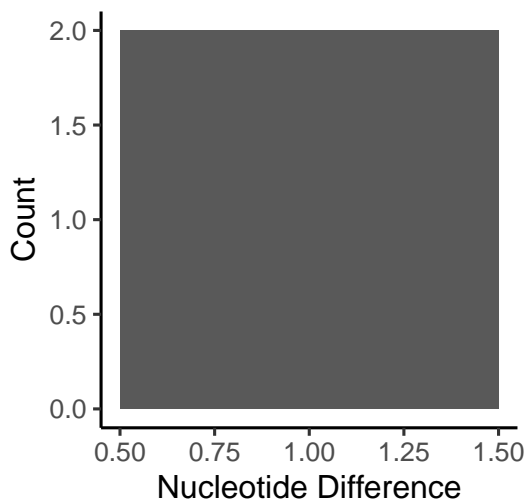
IGHV3-64*02

28 sequences assigned
4 (14.3%) exact matches, in which:
4 unique CDR3
3 unique J



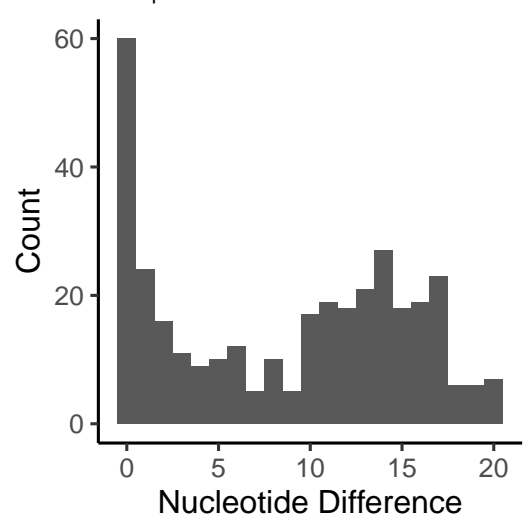
IGHV3-69-1*01

3 sequences assigned
No exact matches.



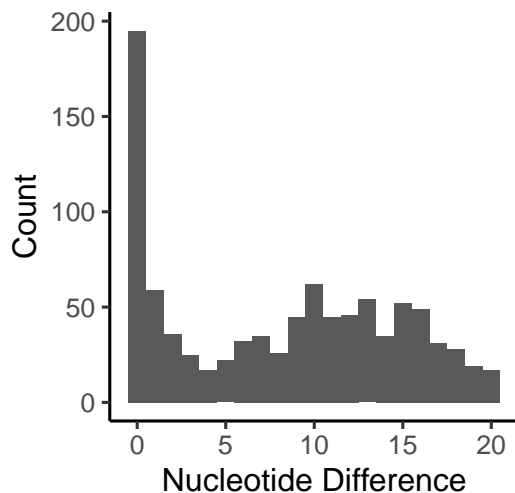
IGHV3-73*02

367 sequences assigned
60 (16.3%) exact matches, in which:
59 unique CDR3
5 unique J



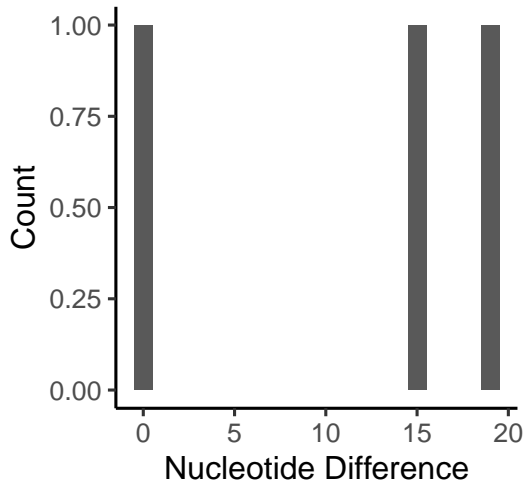
IGHV3-74*01

1124 sequences assigned
195 (17.3%) exact matches, in which:
191 unique CDR3
6 unique J



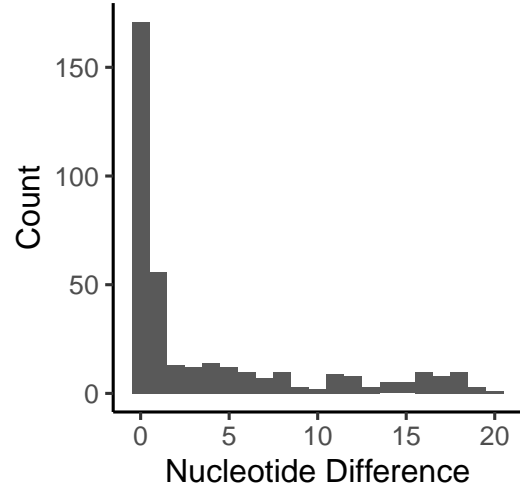
IGHV4-28*01

7 sequences assigned
1 (14.3%) exact matches, in which:
1 unique CDR3
1 unique J



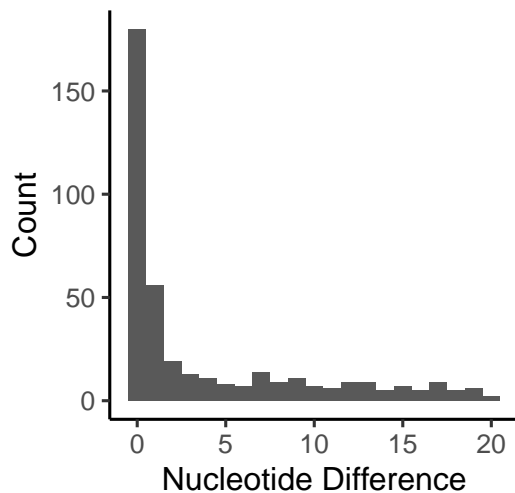
IGHV4-31*03

387 sequences assigned
171 (44.2%) exact matches, in which:
170 unique CDR3
6 unique J



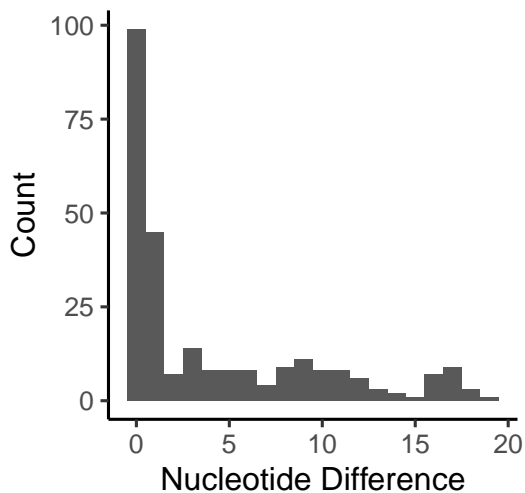
IGHV3-64D*06

456 sequences assigned
180 (39.5%) exact matches, in which:
177 unique CDR3
6 unique J



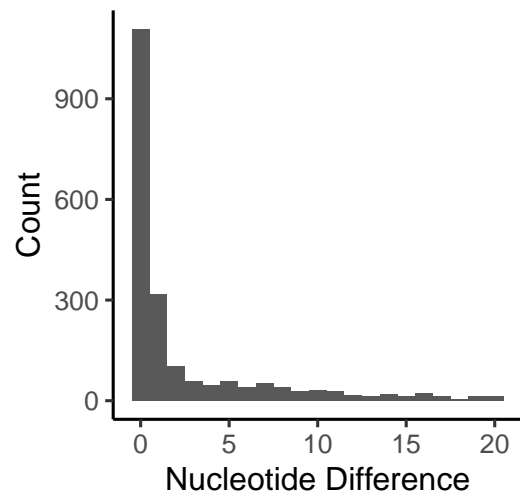
IGHV4-30-4*01

293 sequences assigned
99 (33.8%) exact matches, in which:
99 unique CDR3
6 unique J



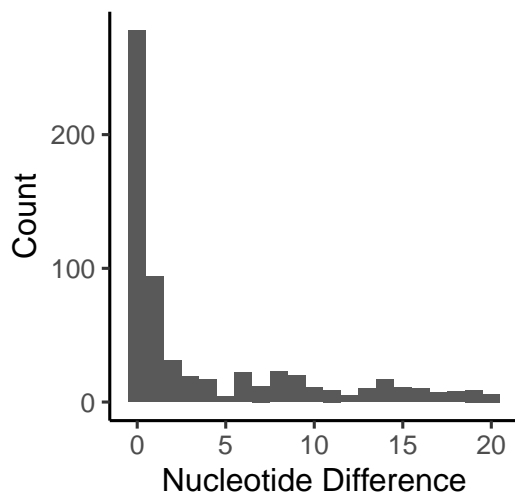
IGHV4-34*01

2190 sequences assigned
1108 (50.6%) exact matches, in which:
1096 unique CDR3
6 unique J



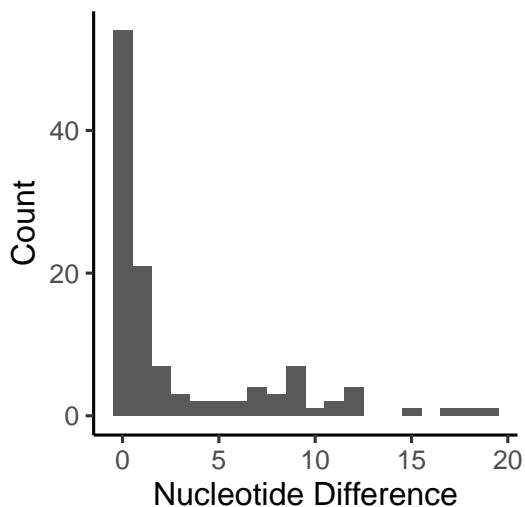
IGHV4-4*02

746 sequences assigned
278 (37.3%) exact matches, in which:
273 unique CDR3
6 unique J



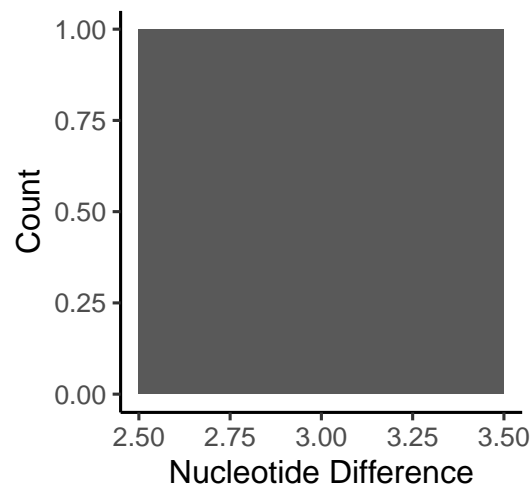
IGHV4-30-2*01

123 sequences assigned
54 (43.9%) exact matches, in which:
54 unique CDR3
5 unique J



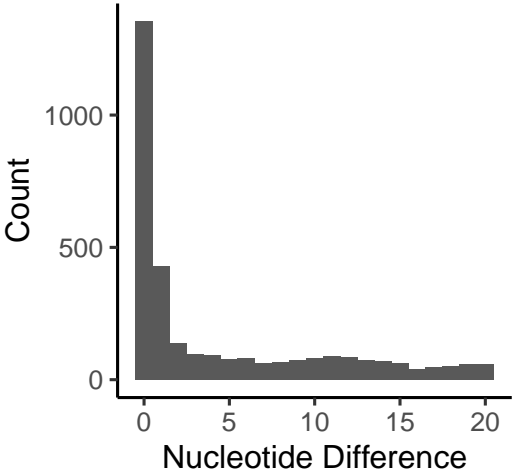
IGHV4-38-2*02

1 sequences assigned
No exact matches.



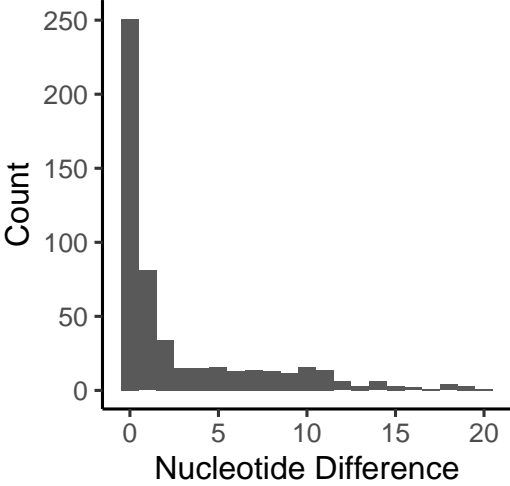
IGHV4-39*01

3697 sequences assigned
1354 (36.6%) exact matches, in which:
1336 unique CDR3
6 unique J



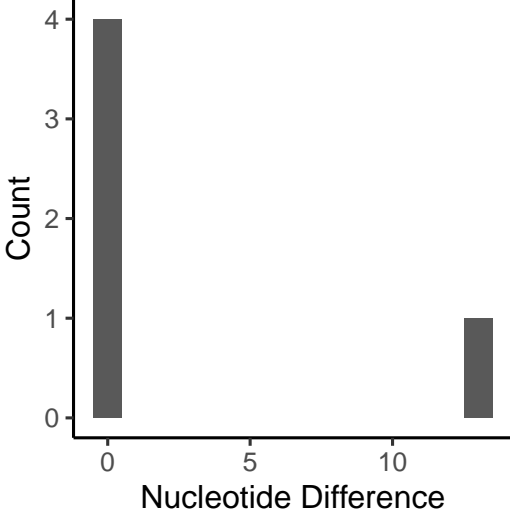
IGHV5-10-1*03

538 sequences assigned
251 (46.7%) exact matches, in which:
247 unique CDR3
5 unique J



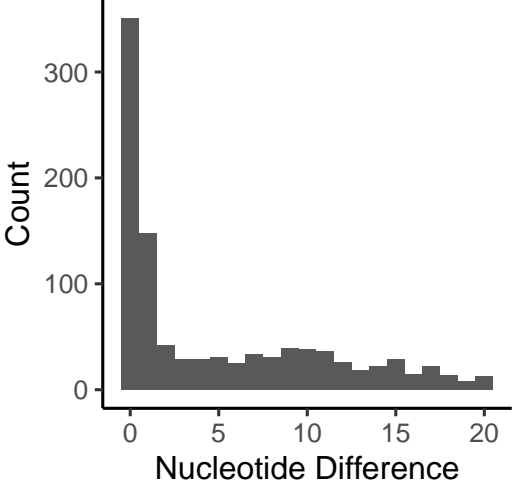
IGHV7-4-1*01

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
3 unique J



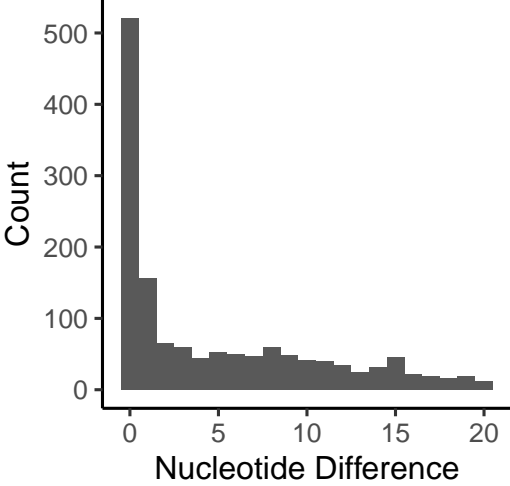
IGHV4-59*01

1188 sequences assigned
351 (29.5%) exact matches, in which:
350 unique CDR3
6 unique J



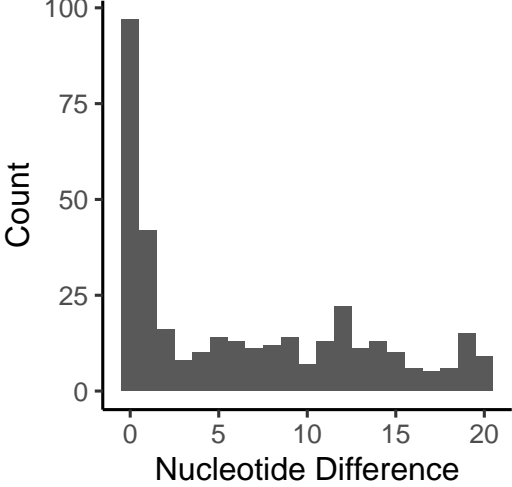
IGHV5-51*01

1502 sequences assigned
521 (34.7%) exact matches, in which:
513 unique CDR3
6 unique J



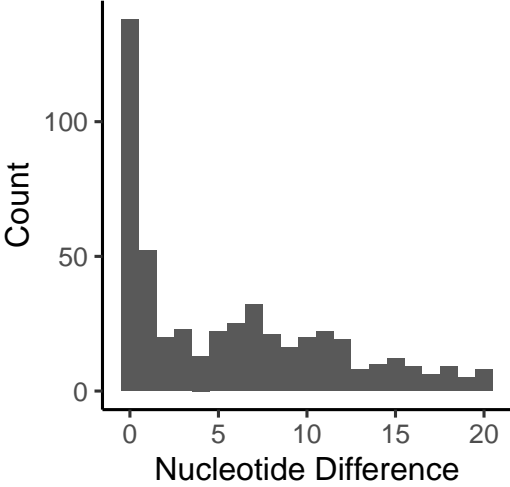
IGHV4-61*01

481 sequences assigned
97 (20.2%) exact matches, in which:
97 unique CDR3
6 unique J



IGHV6-1*01

527 sequences assigned
138 (26.2%) exact matches, in which:
137 unique CDR3
5 unique J





Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

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