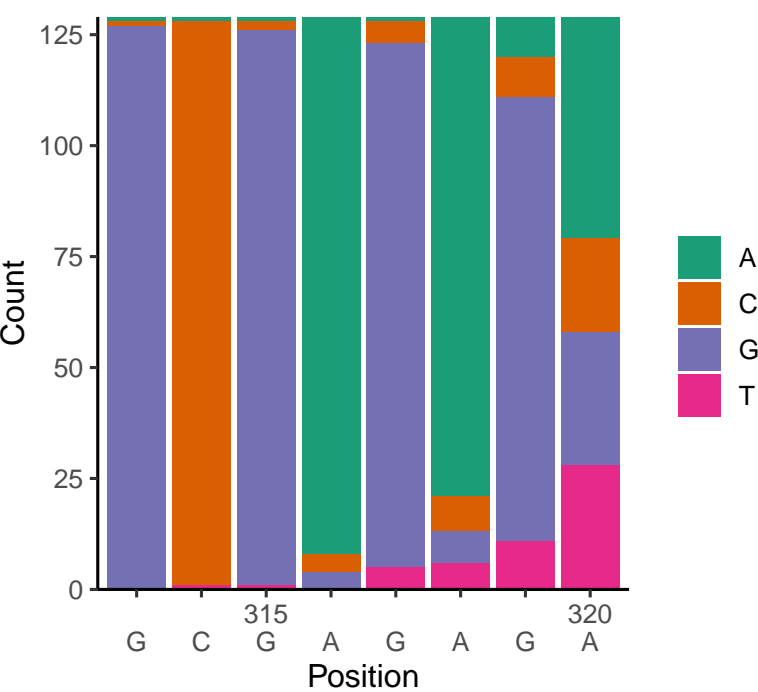
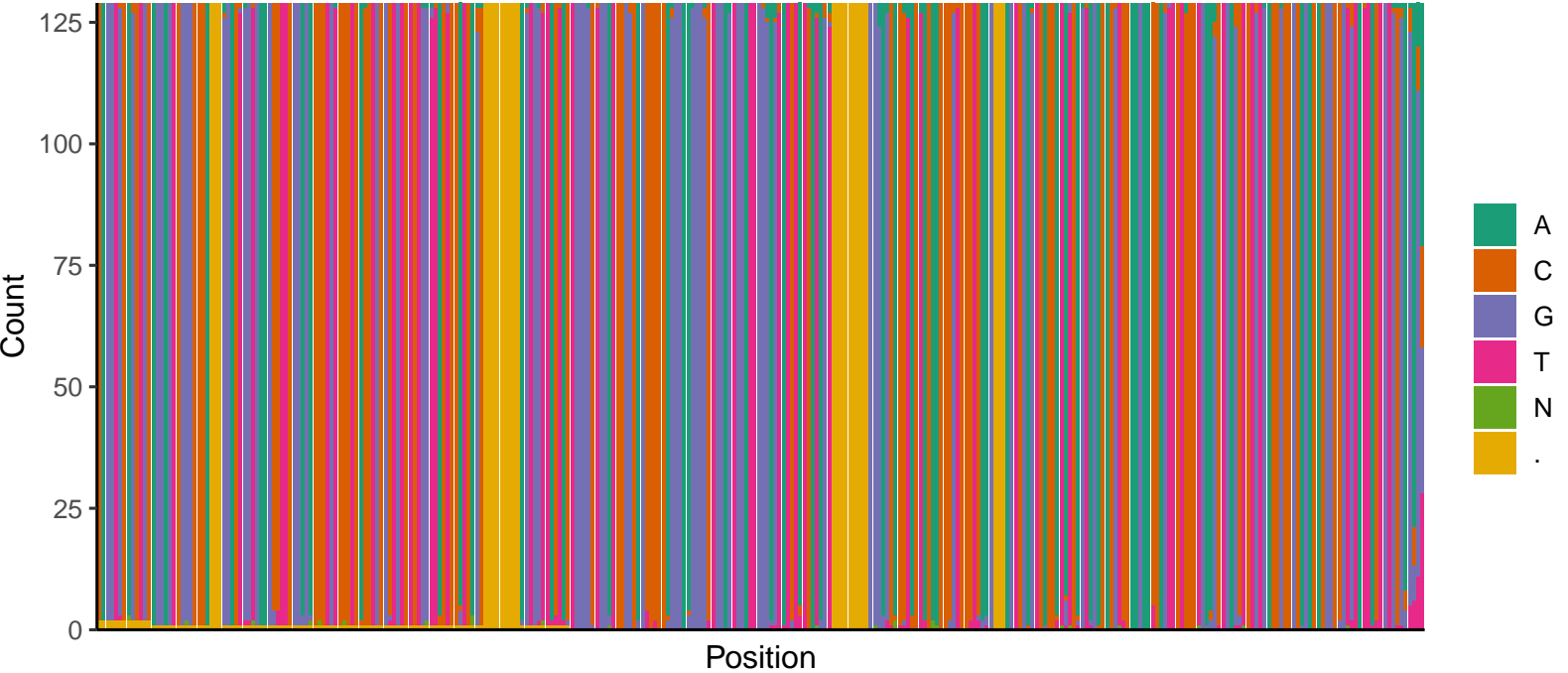


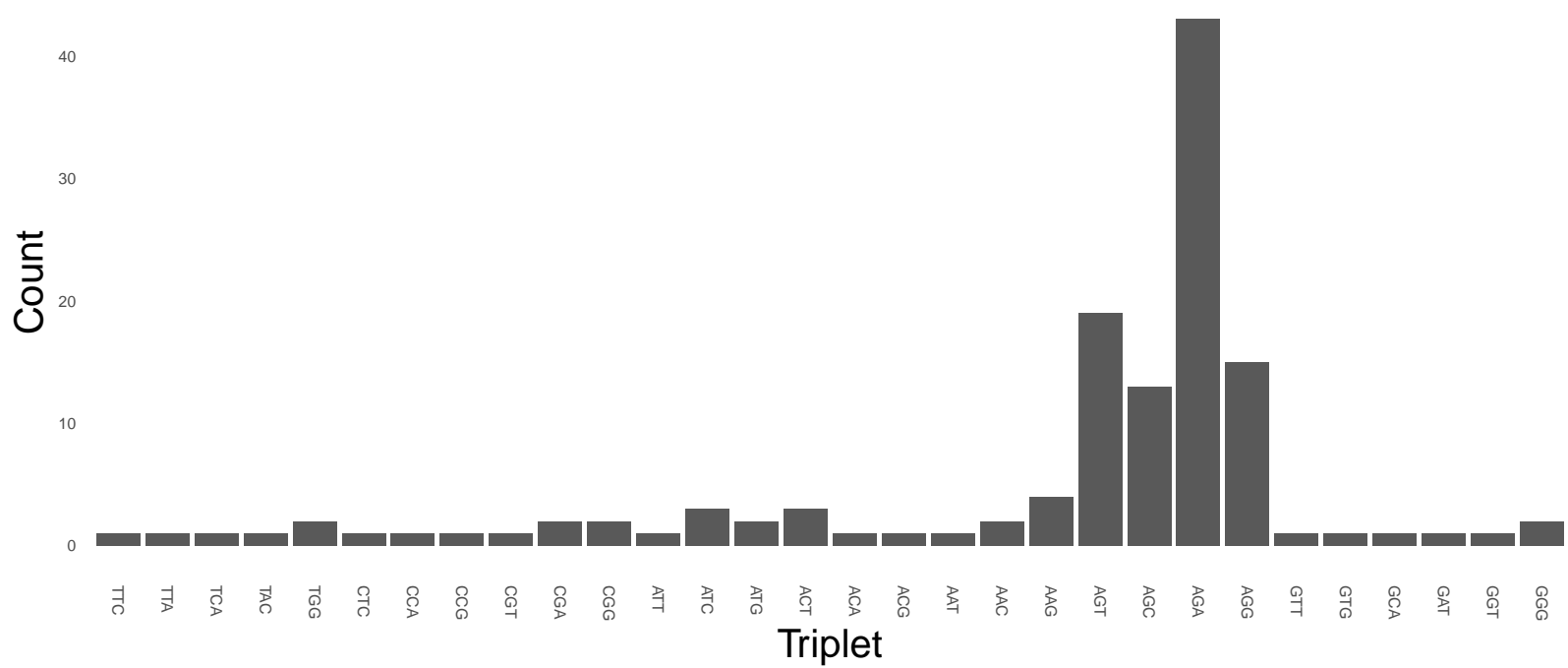
Gene IGHV4-38-2*02_A70G



Gene IGHV4-38-2*02_A70G

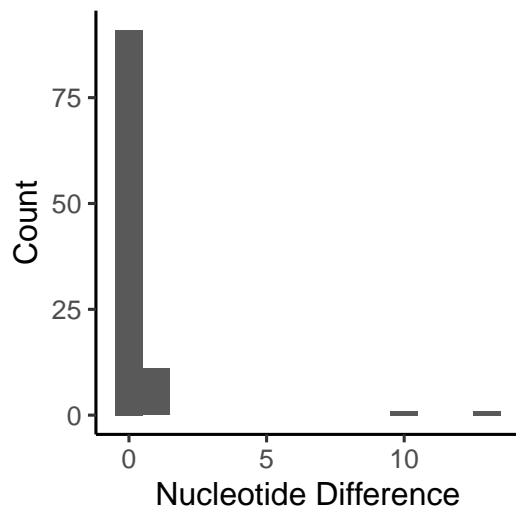


IGHV4-38-2*02_A70G- Final 3 nucleotides as a triplet



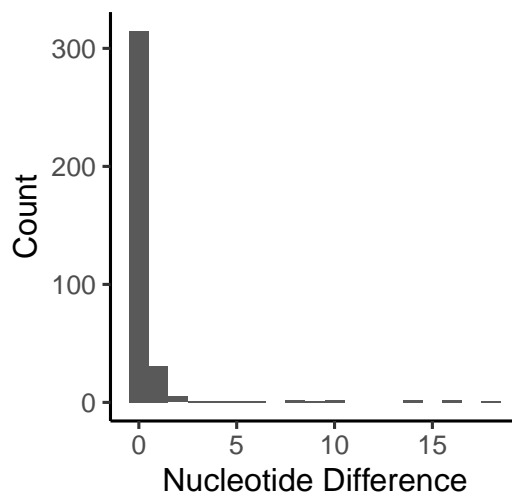
IGHV1-2*04

106 sequences assigned
91 (85.8%) exact matches, in which:
89 unique CDR3
6 unique J



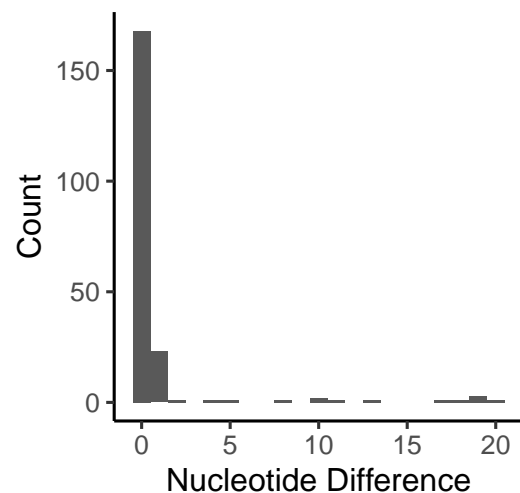
IGHV1-8*01

366 sequences assigned
315 (86.1%) exact matches, in which:
314 unique CDR3
6 unique J



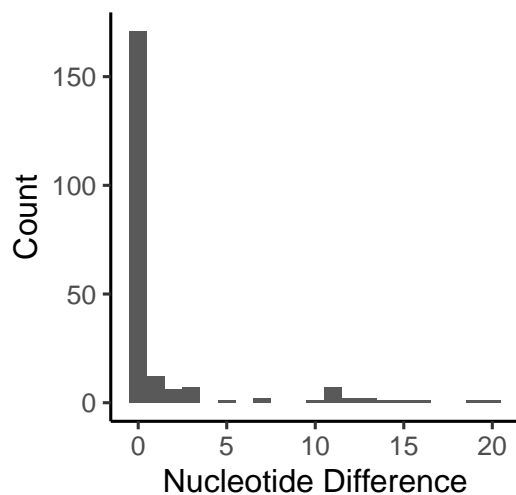
IGHV1-46*01

208 sequences assigned
168 (80.8%) exact matches, in which:
167 unique CDR3
7 unique J



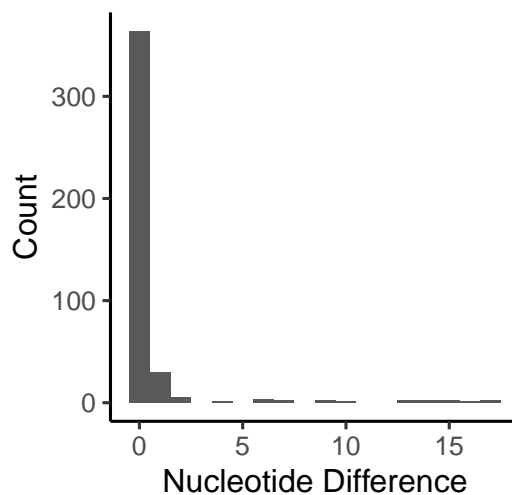
IGHV1-2*06

223 sequences assigned
171 (76.7%) exact matches, in which:
166 unique CDR3
7 unique J



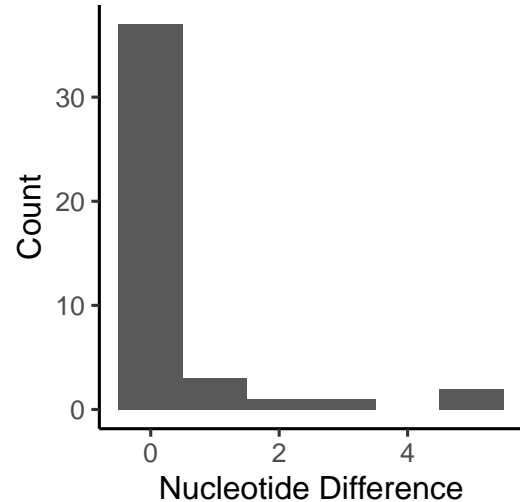
IGHV1-18*01

427 sequences assigned
364 (85.2%) exact matches, in which:
362 unique CDR3
7 unique J



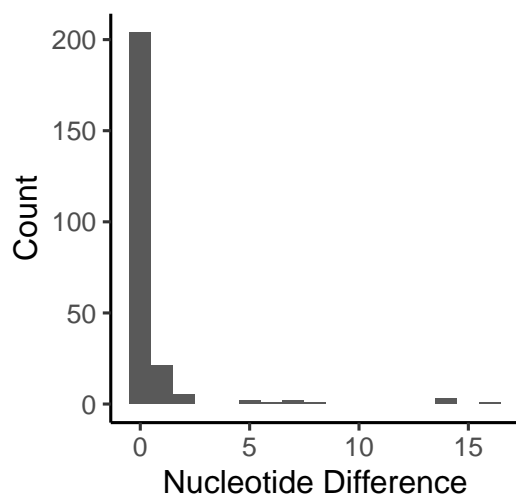
IGHV1-58*01

44 sequences assigned
37 (84.1%) exact matches, in which:
36 unique CDR3
7 unique J



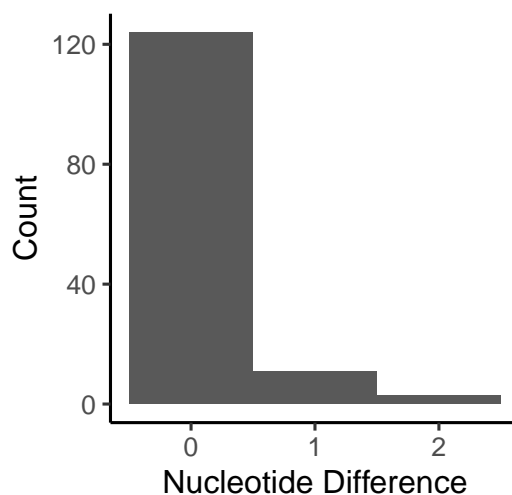
IGHV1-3*01

245 sequences assigned
204 (83.3%) exact matches, in which:
204 unique CDR3
7 unique J



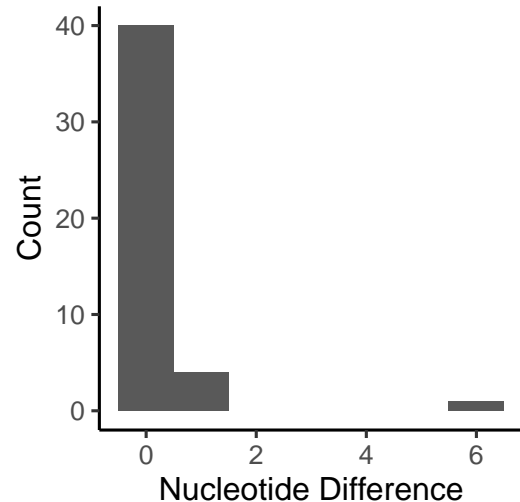
IGHV1-24*01

139 sequences assigned
124 (89.2%) exact matches, in which:
124 unique CDR3
7 unique J



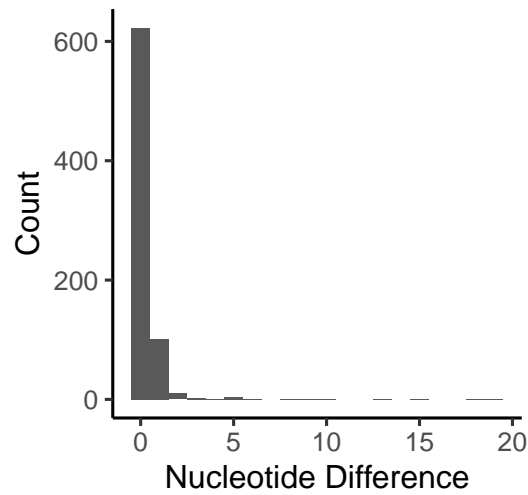
IGHV1-69-2*01

49 sequences assigned
40 (81.6%) exact matches, in which:
40 unique CDR3
5 unique J



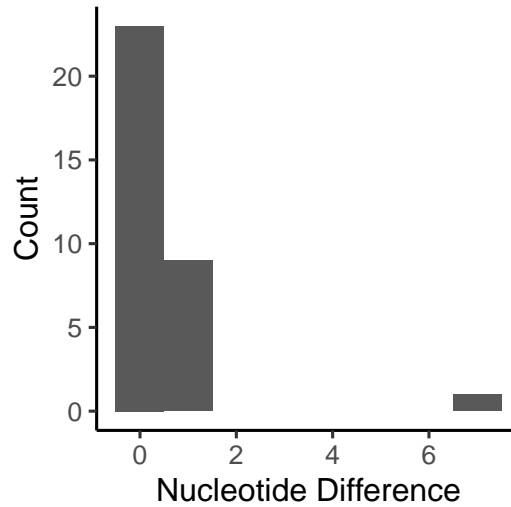
IGHV1–69*06

758 sequences assigned
623 (82.2%) exact matches, in which:
617 unique CDR3
7 unique J



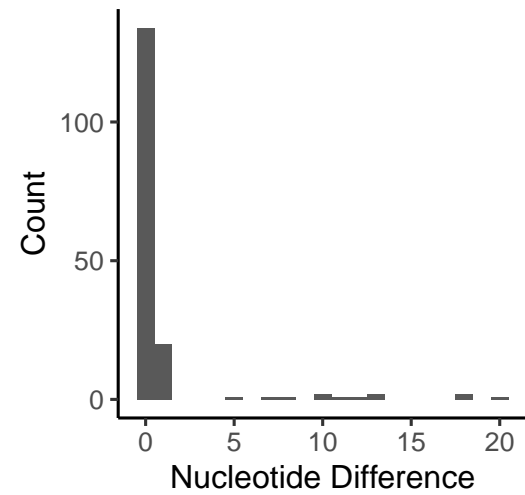
IGHV2–70*01

33 sequences assigned
23 (69.7%) exact matches, in which:
23 unique CDR3
6 unique J



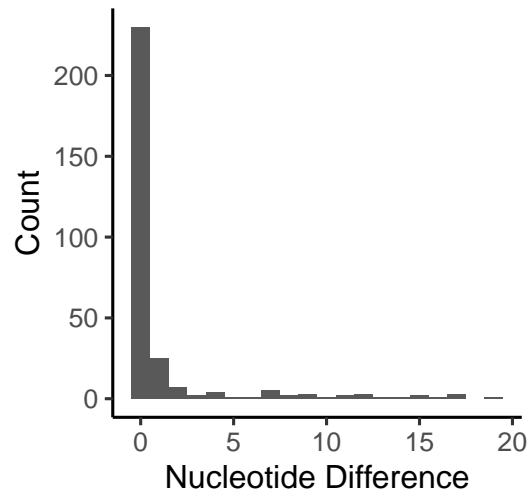
IGHV3–11*01

175 sequences assigned
134 (76.6%) exact matches, in which:
134 unique CDR3
6 unique J



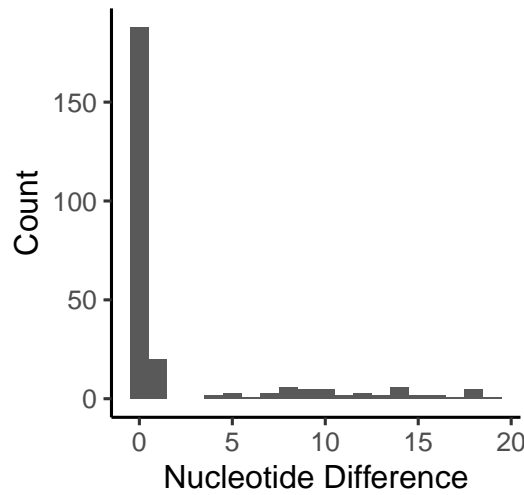
IGHV2–5*02

304 sequences assigned
230 (75.7%) exact matches, in which:
229 unique CDR3
7 unique J



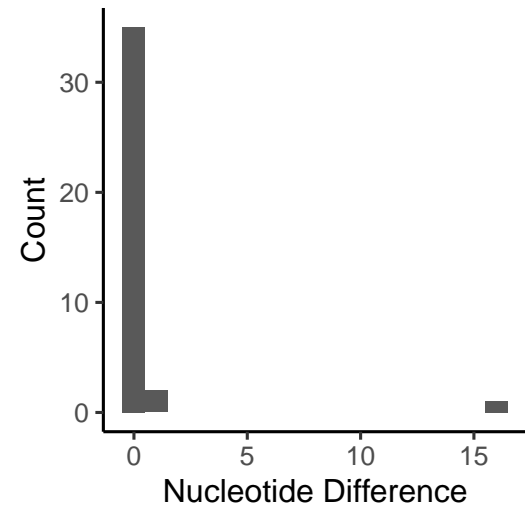
IGHV3–7*01

271 sequences assigned
188 (69.4%) exact matches, in which:
187 unique CDR3
7 unique J



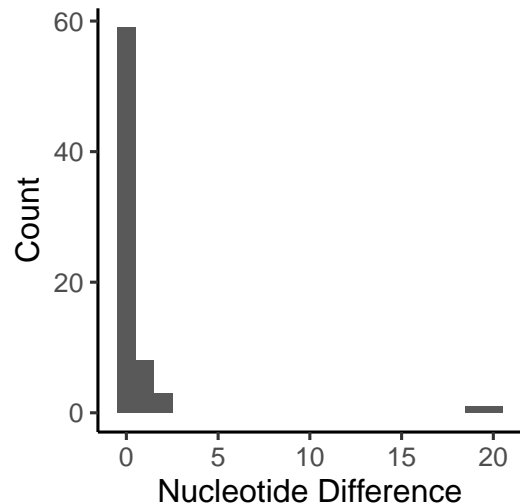
IGHV3–13*01

39 sequences assigned
35 (89.7%) exact matches, in which:
35 unique CDR3
6 unique J



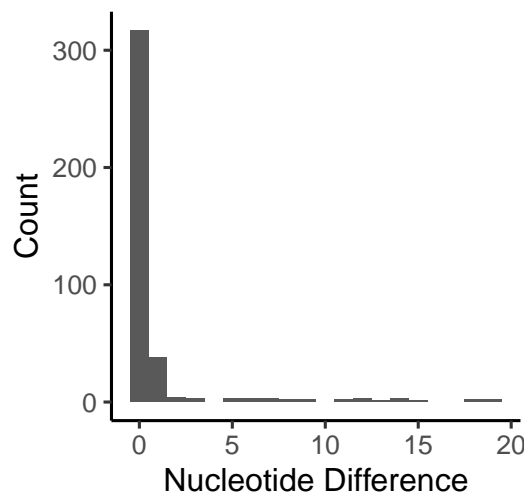
IGHV2–26*01

73 sequences assigned
59 (80.8%) exact matches, in which:
59 unique CDR3
6 unique J



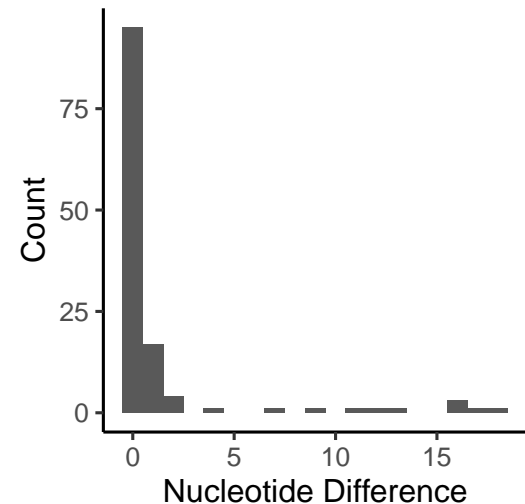
IGHV3–9*01

398 sequences assigned
317 (79.6%) exact matches, in which:
313 unique CDR3
7 unique J



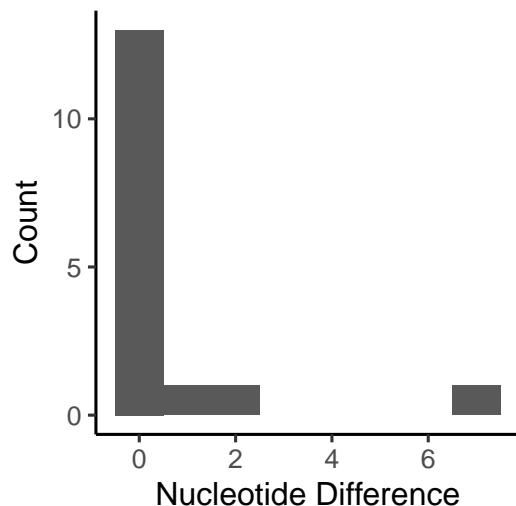
IGHV3–15*01

131 sequences assigned
95 (72.5%) exact matches, in which:
95 unique CDR3
6 unique J



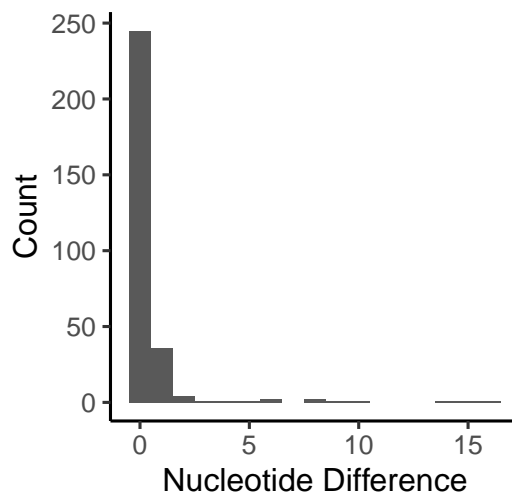
IGHV3-20*01

17 sequences assigned
13 (76.5%) exact matches, in which:
13 unique CDR3
6 unique J



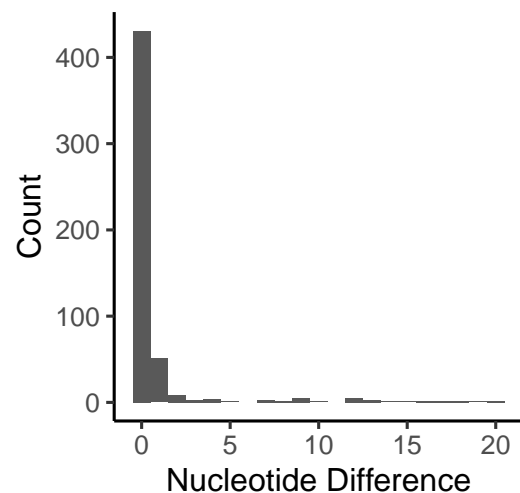
IGHV3-30-3*01

301 sequences assigned
245 (81.4%) exact matches, in which:
243 unique CDR3
6 unique J



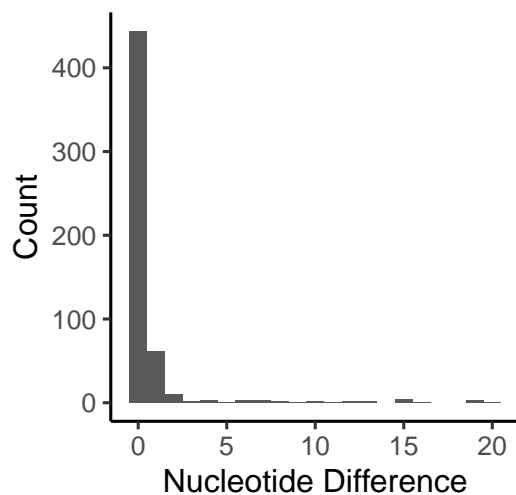
IGHV3-48*03

541 sequences assigned
431 (79.7%) exact matches, in which:
430 unique CDR3
7 unique J



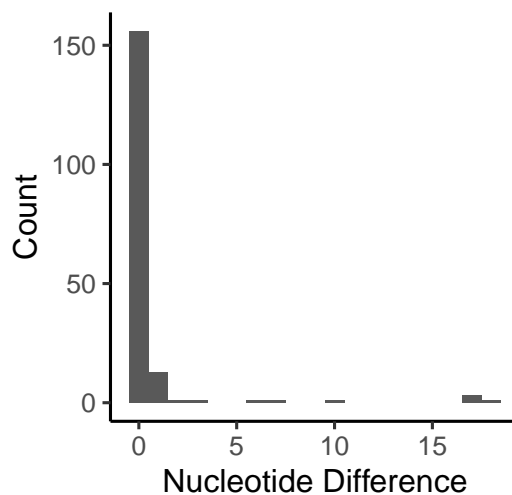
IGHV3-21*01

561 sequences assigned
444 (79.1%) exact matches, in which:
439 unique CDR3
7 unique J



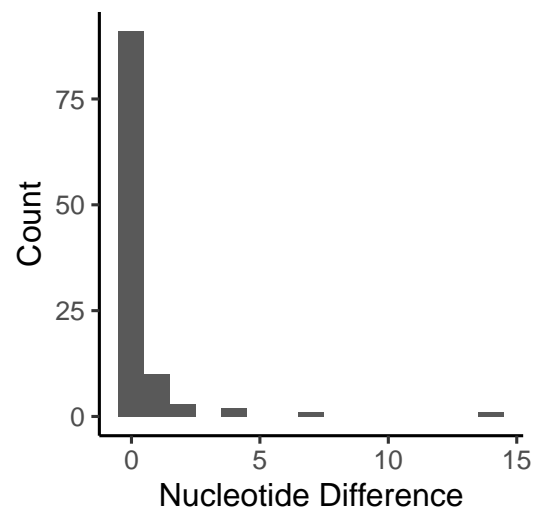
IGHV3-33*01

188 sequences assigned
156 (83%) exact matches, in which:
154 unique CDR3
7 unique J



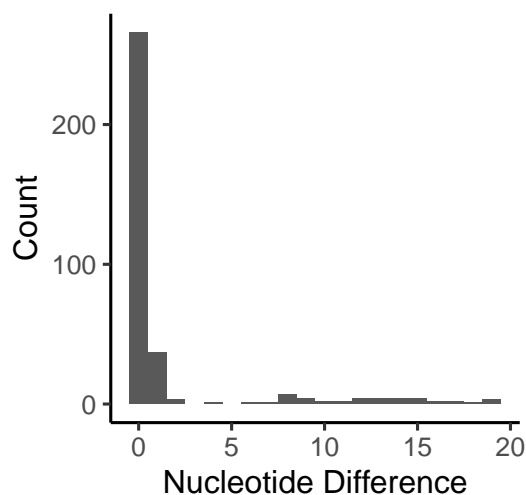
IGHV3-49*04

118 sequences assigned
91 (77.1%) exact matches, in which:
89 unique CDR3
7 unique J



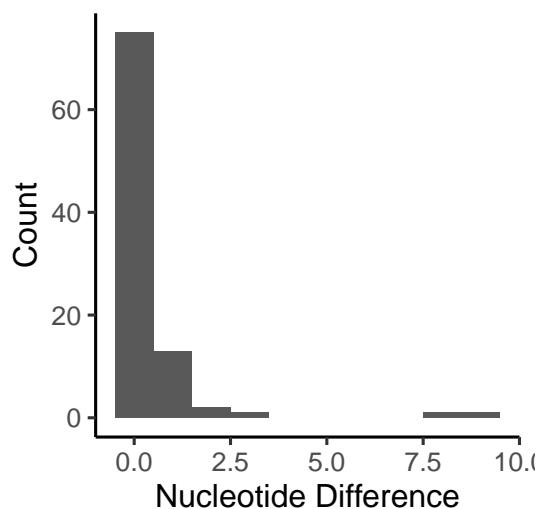
IGHV3-23*04

370 sequences assigned
266 (71.9%) exact matches, in which:
263 unique CDR3
6 unique J



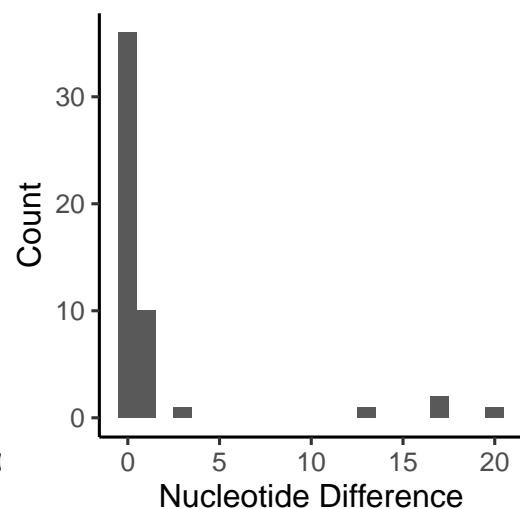
IGHV3-43*02

99 sequences assigned
75 (75.8%) exact matches, in which:
75 unique CDR3
6 unique J



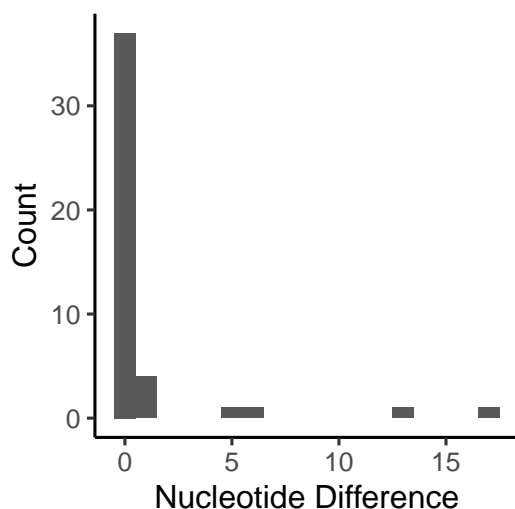
IGHV3-53*02

53 sequences assigned
36 (67.9%) exact matches, in which:
35 unique CDR3
5 unique J



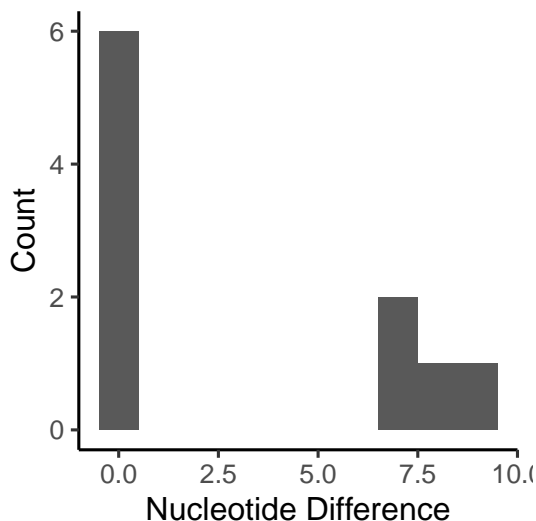
IGHV3-53*04

46 sequences assigned
37 (80.4%) exact matches, in which:
37 unique CDR3
4 unique J



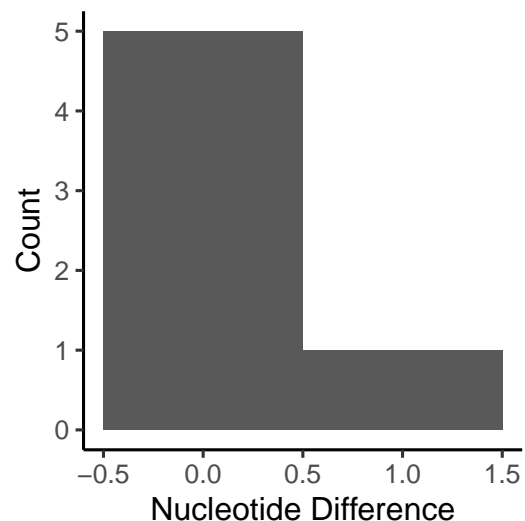
IGHV3-72*01

13 sequences assigned
6 (46.2%) exact matches, in which:
6 unique CDR3
3 unique J



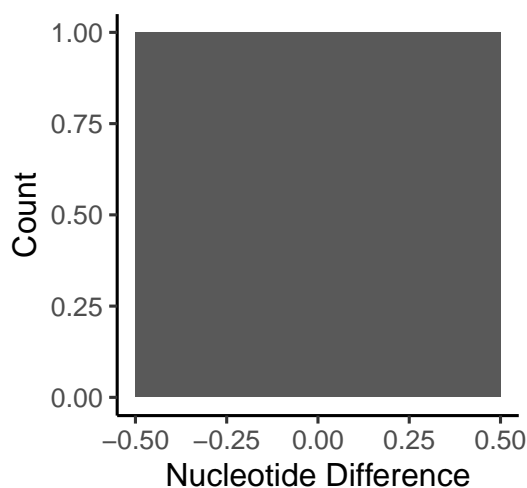
IGHV3-43D*04

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



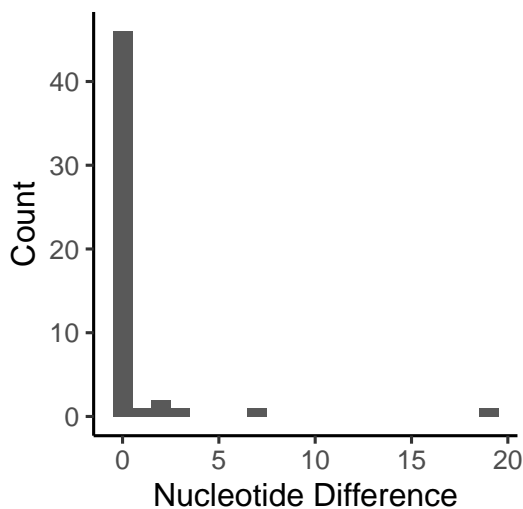
IGHV3-64*02

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



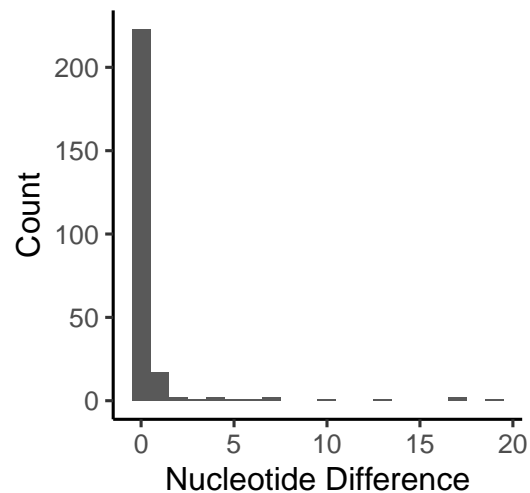
IGHV3-73*02

57 sequences assigned
46 (80.7%) exact matches, in which:
45 unique CDR3
7 unique J



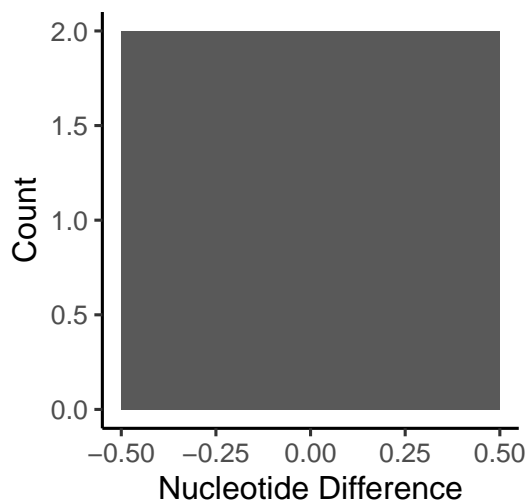
IGHV4-4*02

261 sequences assigned
223 (85.4%) exact matches, in which:
223 unique CDR3
7 unique J



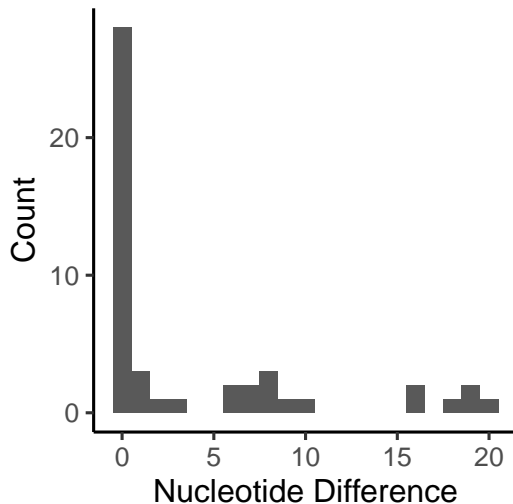
IGHV3-66*03

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



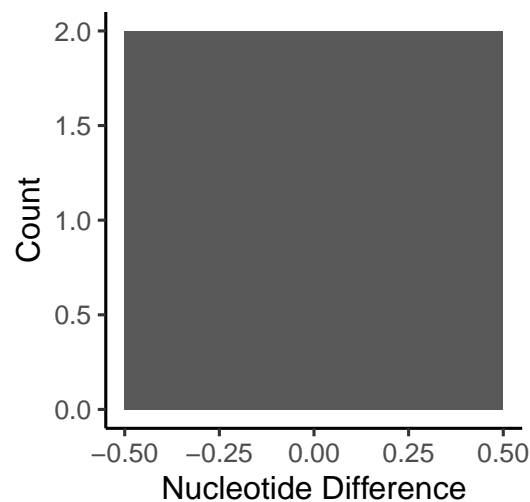
IGHV3-74*01

54 sequences assigned
28 (51.9%) exact matches, in which:
28 unique CDR3
5 unique J



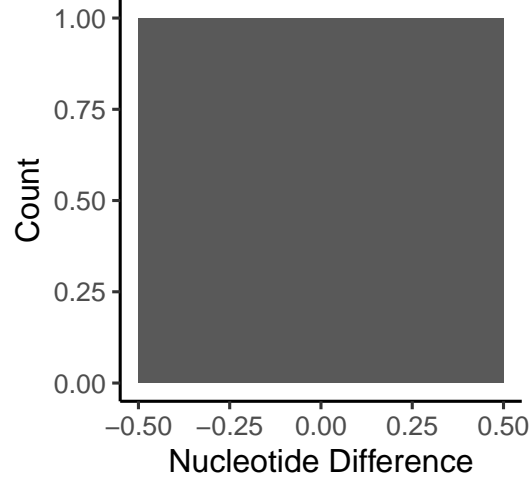
IGHV4-28*01

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



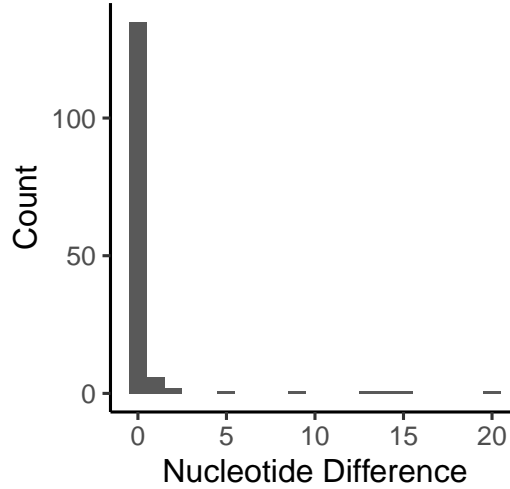
IGHV4-28*02

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



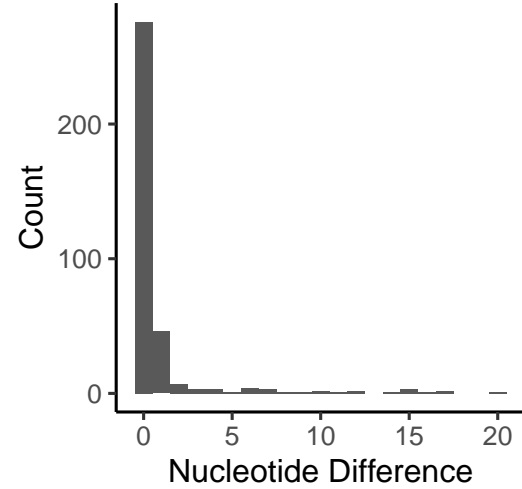
IGHV4-31*03

151 sequences assigned
135 (89.4%) exact matches, in which:
134 unique CDR3
6 unique J



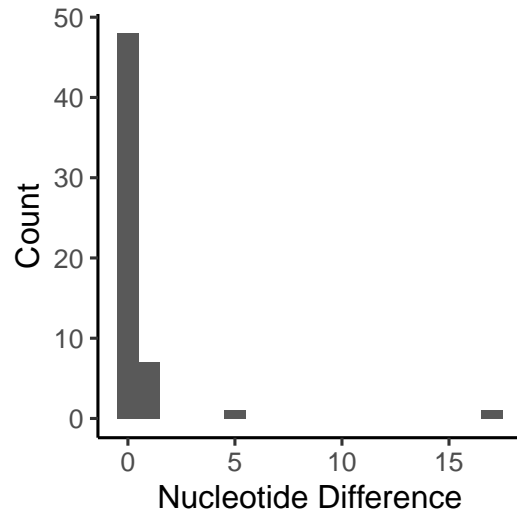
IGHV4-39*01

369 sequences assigned
276 (74.8%) exact matches, in which:
275 unique CDR3
6 unique J



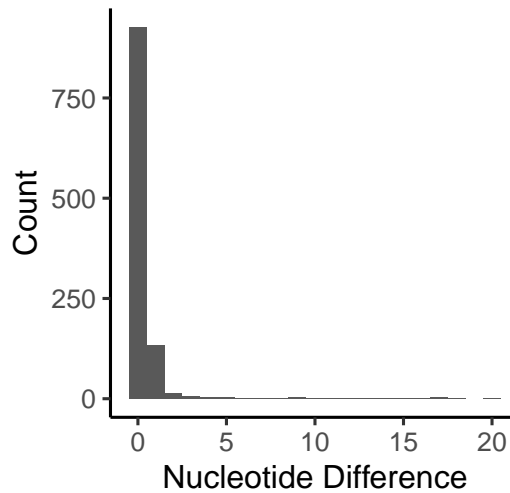
IGHV4-30-2*01

57 sequences assigned
48 (84.2%) exact matches, in which:
48 unique CDR3
5 unique J



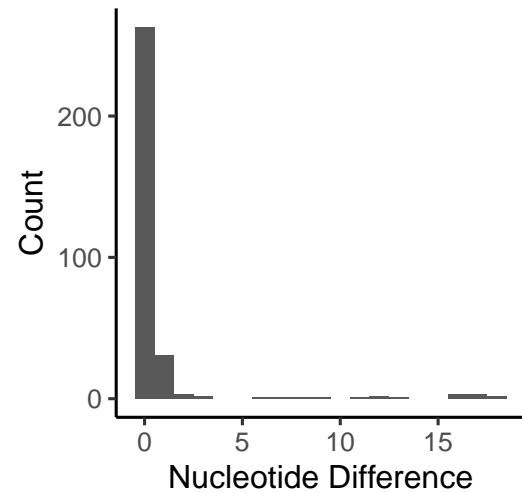
IGHV4-34*01

1135 sequences assigned
927 (81.7%) exact matches, in which:
905 unique CDR3
7 unique J



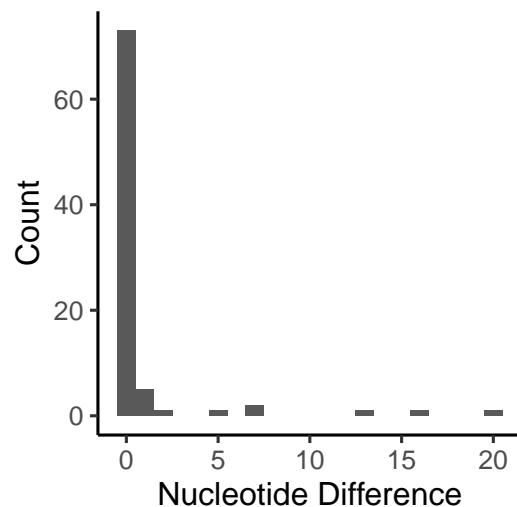
IGHV4-59*01

320 sequences assigned
263 (82.2%) exact matches, in which:
262 unique CDR3
7 unique J



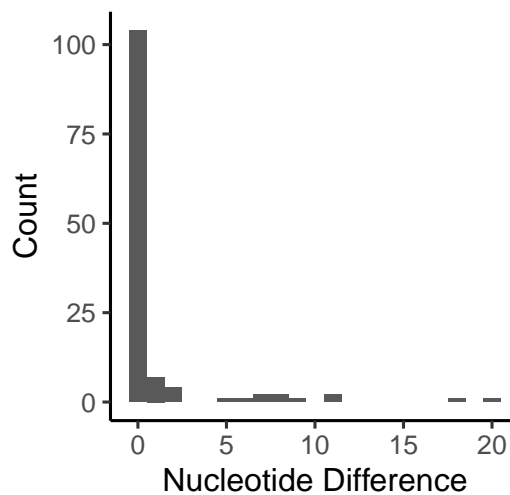
IGHV4-30-4*01

90 sequences assigned
73 (81.1%) exact matches, in which:
73 unique CDR3
5 unique J



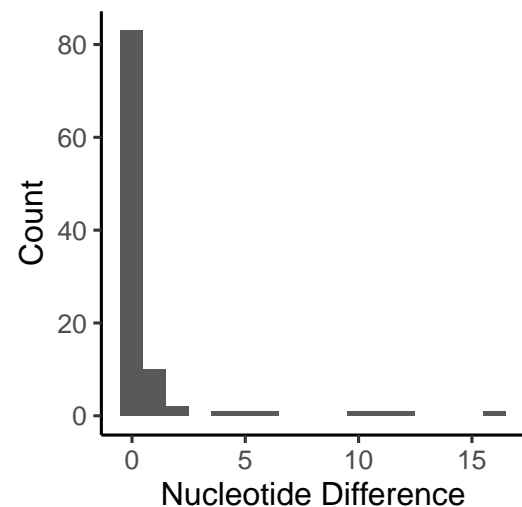
IGHV4-38-2*02_A70G

129 sequences assigned
104 (80.6%) exact matches, in which:
103 unique CDR3
6 unique J



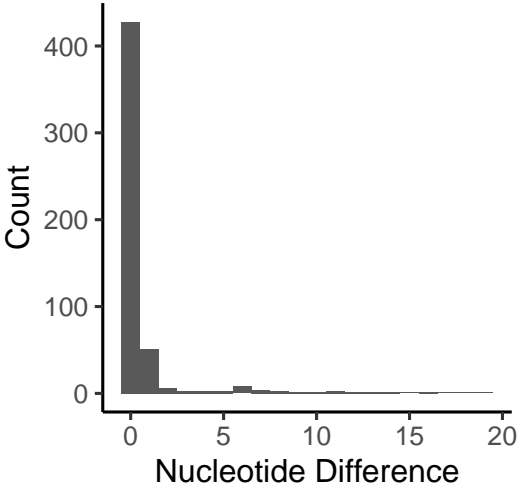
IGHV4-61*01

110 sequences assigned
83 (75.5%) exact matches, in which:
83 unique CDR3
6 unique J



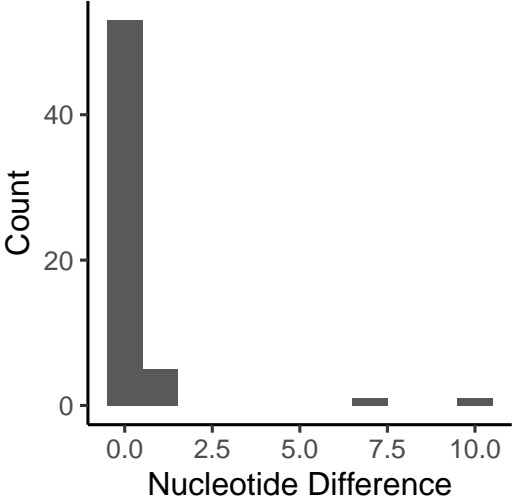
IGHV5-51*01

541 sequences assigned
428 (79.1%) exact matches, in which:
423 unique CDR3
7 unique J



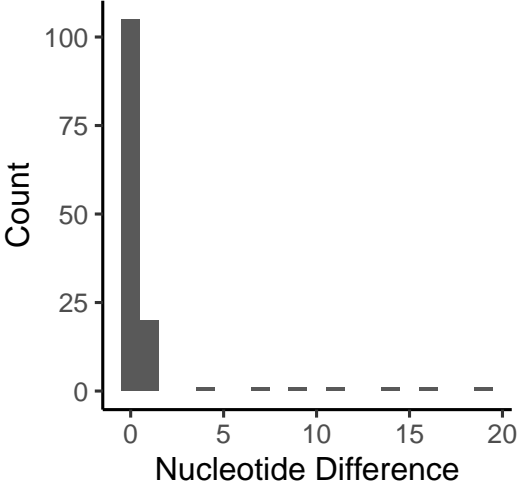
IGHV6-1*01

60 sequences assigned
53 (88.3%) exact matches, in which:
53 unique CDR3
7 unique J

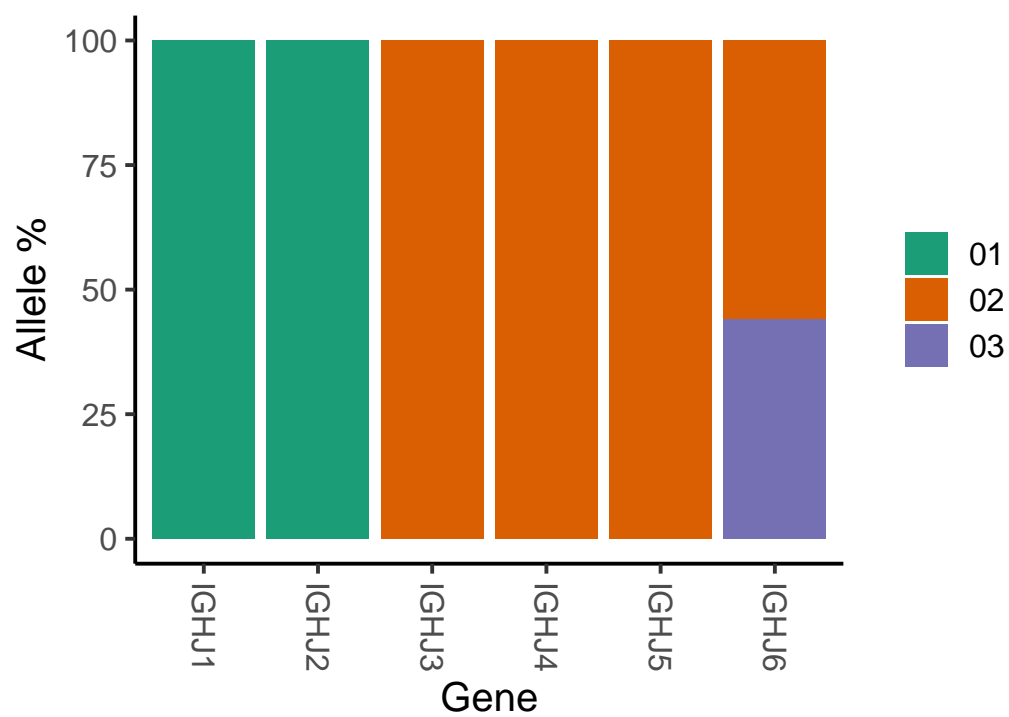


IGHV7-4-1*02

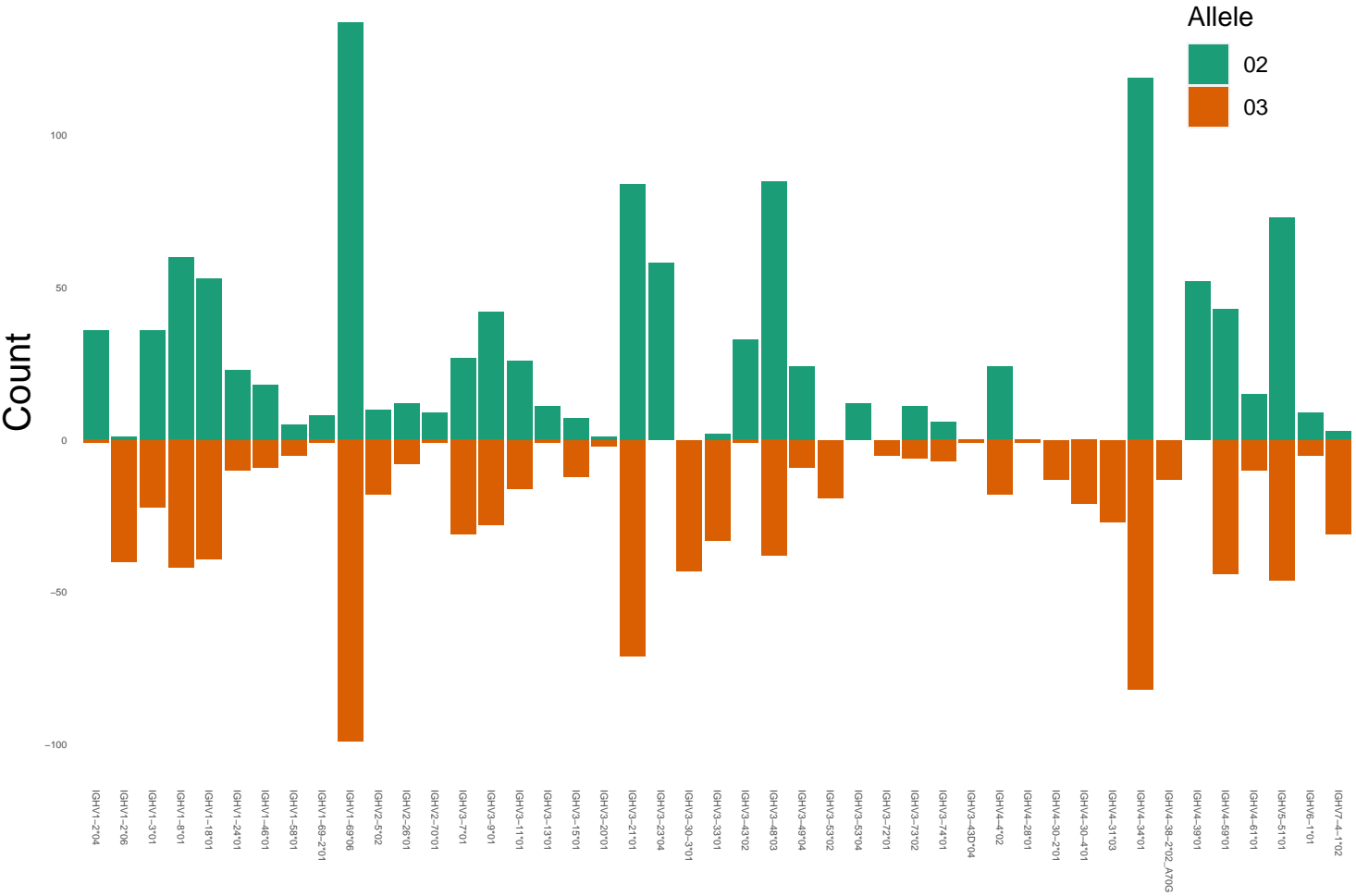
140 sequences assigned
105 (75%) exact matches, in which:
104 unique CDR3
6 unique J



Allele Usage



Sequence Count by IGHJ6 allele usage



Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

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