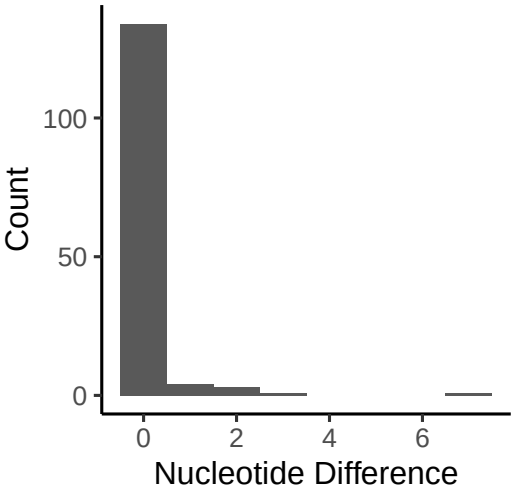
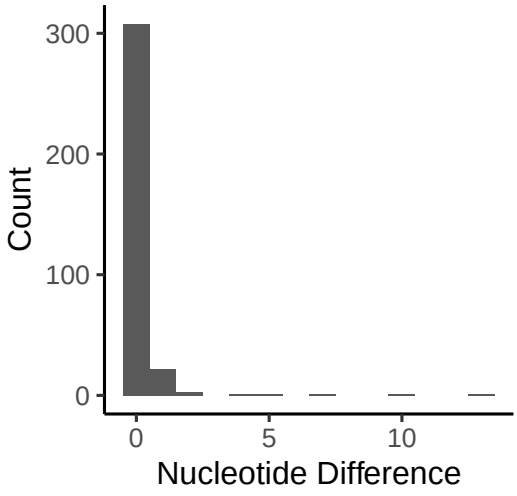
IGHV1−2*04

143 sequences assigned
134 (93.7%) exact matches, in which:
134 unique CDR3
6 unique J



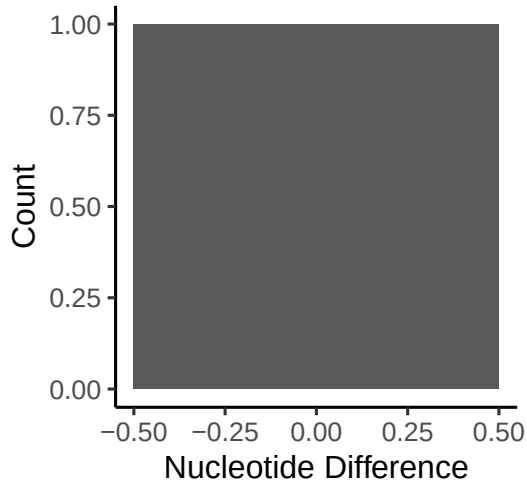
IGHV1−18*01

338 sequences assigned
308 (91.1%) exact matches, in which:
308 unique CDR3
6 unique J



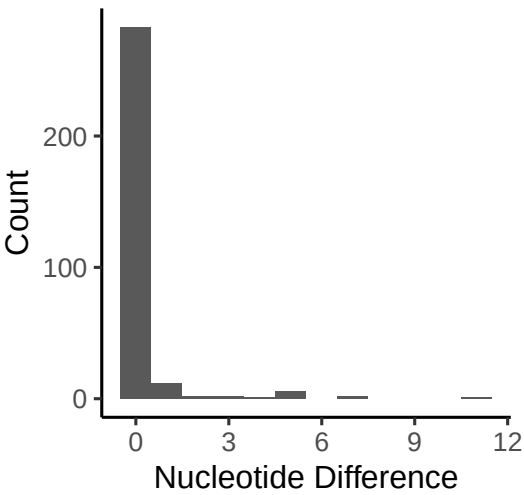
IGHV1−45*02

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



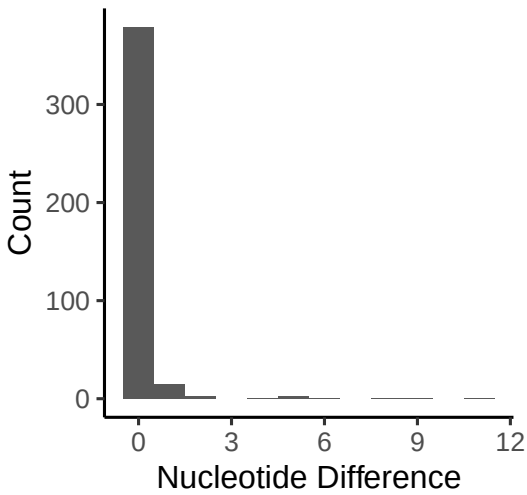
IGHV1−3*01

312 sequences assigned
283 (90.7%) exact matches, in which:
282 unique CDR3
7 unique J



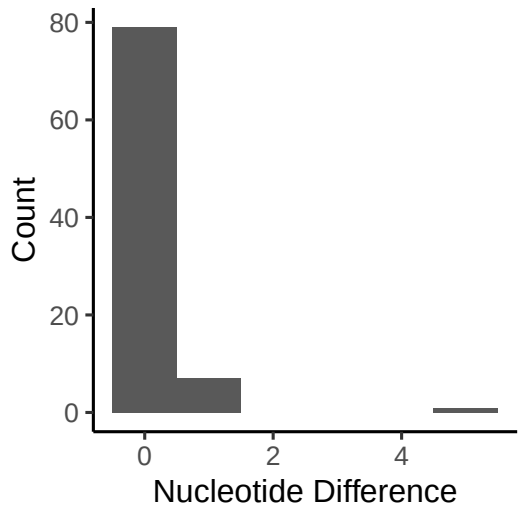
IGHV1−18*04

405 sequences assigned
379 (93.6%) exact matches, in which:
379 unique CDR3
7 unique J



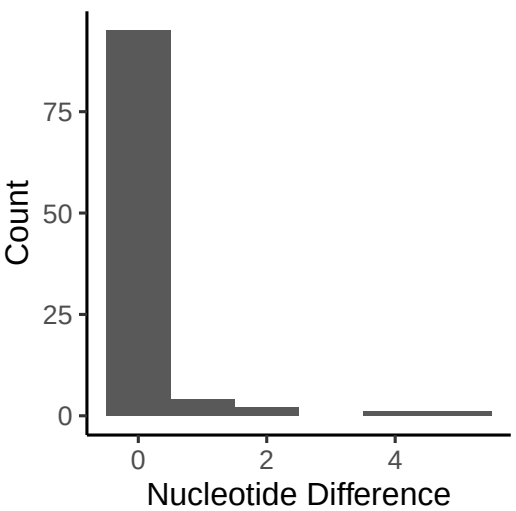
IGHV1−46*01

88 sequences assigned
79 (89.8%) exact matches, in which:
78 unique CDR3
6 unique J



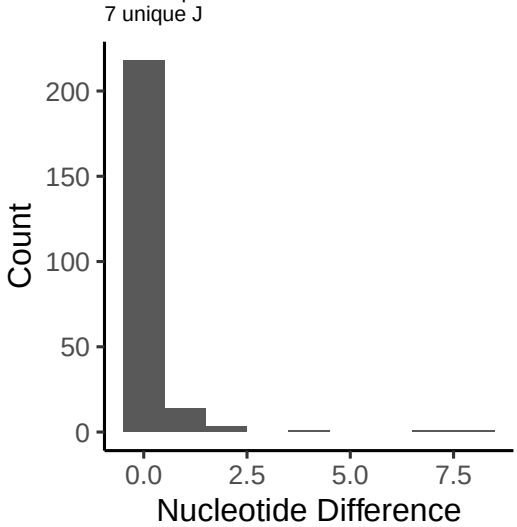
IGHV1−8*01

103 sequences assigned
95 (92.2%) exact matches, in which:
95 unique CDR3
5 unique J



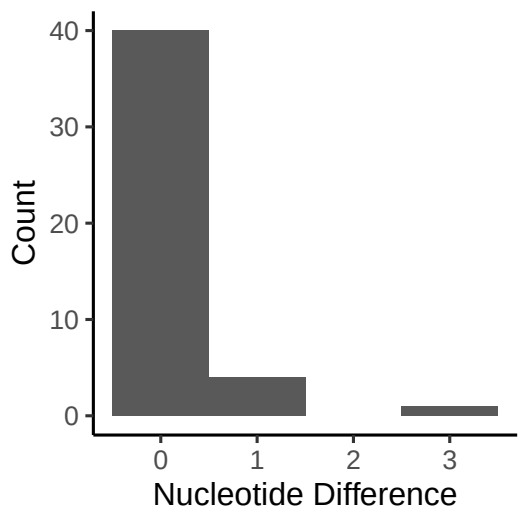
IGHV1−24*01

238 sequences assigned
218 (91.6%) exact matches, in which:
217 unique CDR3
7 unique J



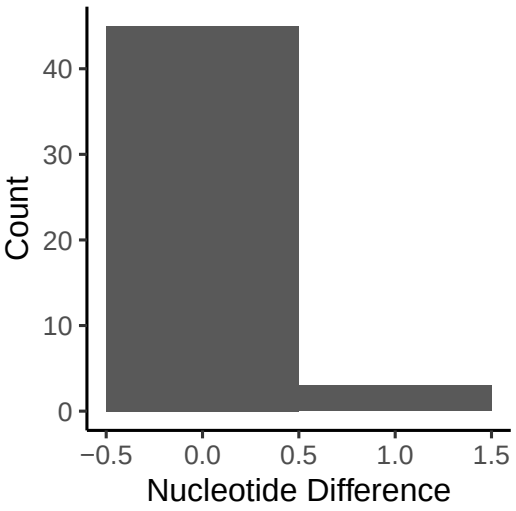
IGHV1−58*01

45 sequences assigned
40 (88.9%) exact matches, in which:
40 unique CDR3
5 unique J



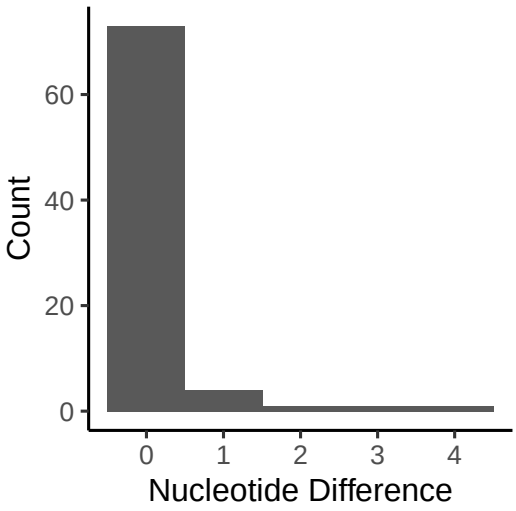
IGHV1−69−2*01

48 sequences assigned
45 (93.8%) exact matches, in which:
45 unique CDR3
6 unique J



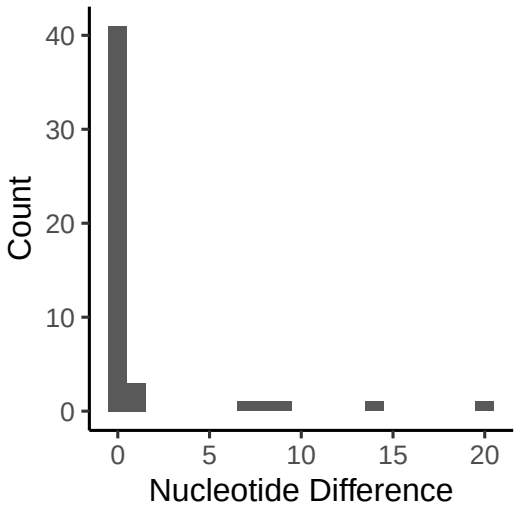
IGHV2−26*01

80 sequences assigned
73 (91.2%) exact matches, in which:
73 unique CDR3
6 unique J



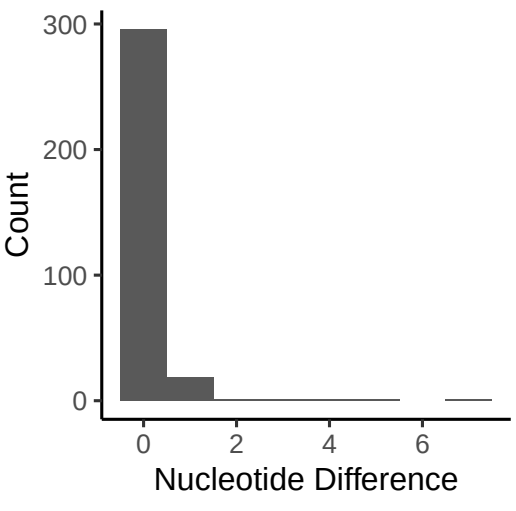
IGHV3−7*03

49 sequences assigned
41 (83.7%) exact matches, in which:
41 unique CDR3
5 unique J



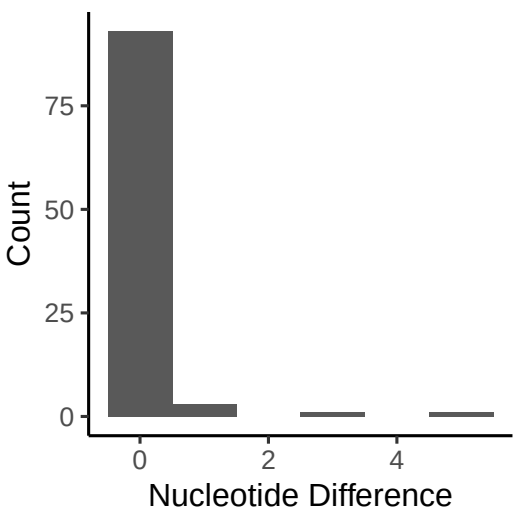
IGHV1−69*17

320 sequences assigned
296 (92.5%) exact matches, in which:
294 unique CDR3
7 unique J



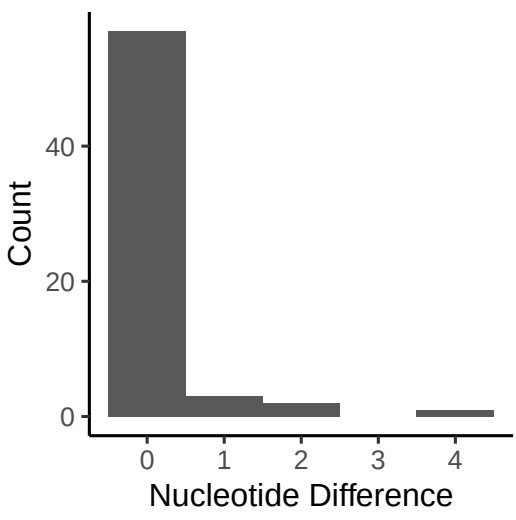
IGHV2−70*01

98 sequences assigned
93 (94.9%) exact matches, in which:
93 unique CDR3
5 unique J



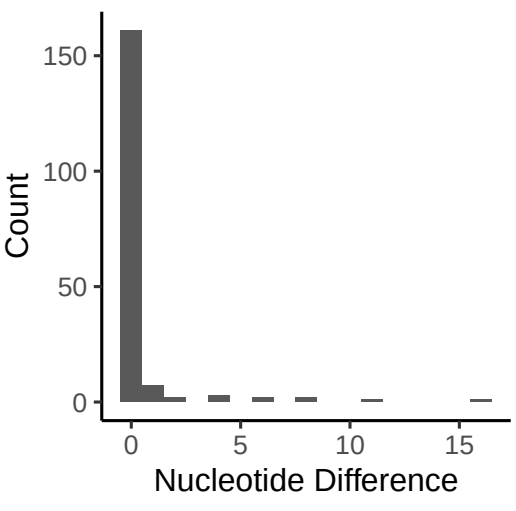
IGHV3−9*01

63 sequences assigned
57 (90.5%) exact matches, in which:
57 unique CDR3
5 unique J



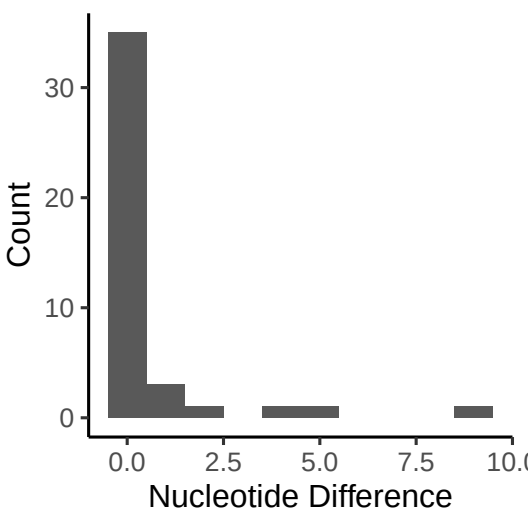
IGHV2−5*02

179 sequences assigned
161 (89.9%) exact matches, in which:
161 unique CDR3
7 unique J



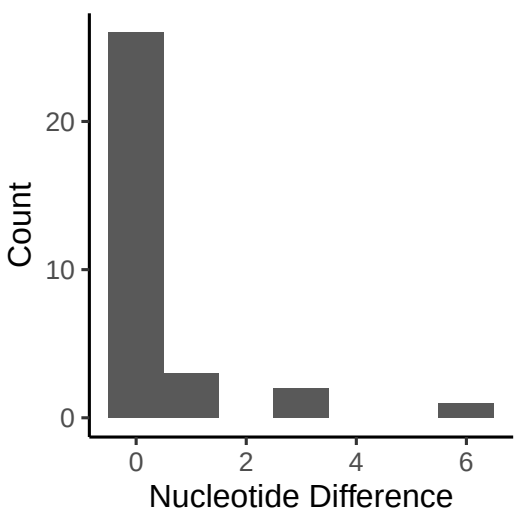
IGHV3−7*01

42 sequences assigned
35 (83.3%) exact matches, in which:
35 unique CDR3
5 unique J



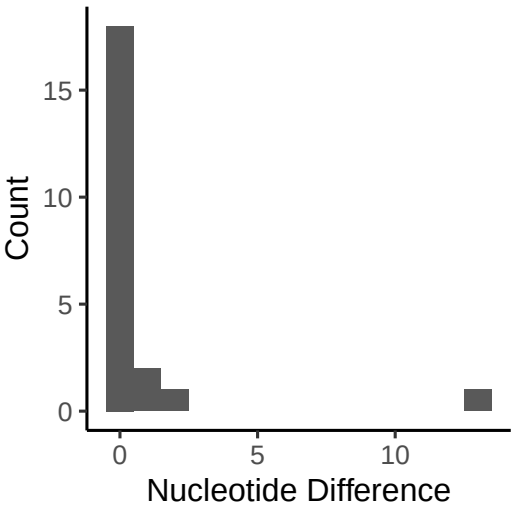
IGHV3−11*01

32 sequences assigned
26 (81.2%) exact matches, in which:
26 unique CDR3
4 unique J



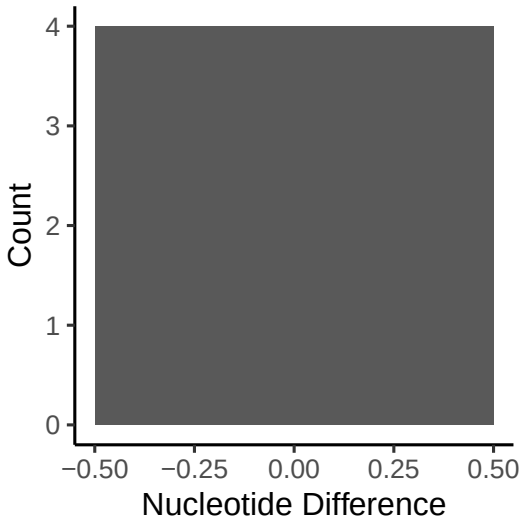
IGHV3−11*06

22 sequences assigned
18 (81.8%) exact matches, in which:
18 unique CDR3
5 unique J



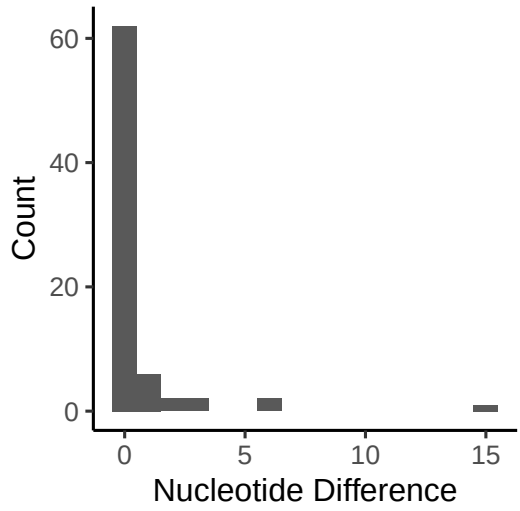
IGHV3−20*01

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



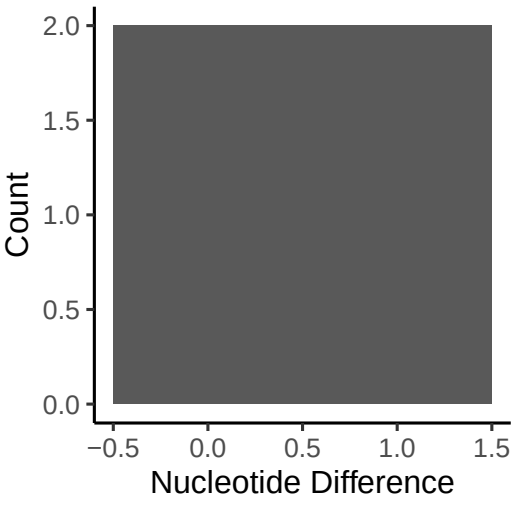
IGHV3−30−3*01

75 sequences assigned
62 (82.7%) exact matches, in which:
62 unique CDR3
5 unique J



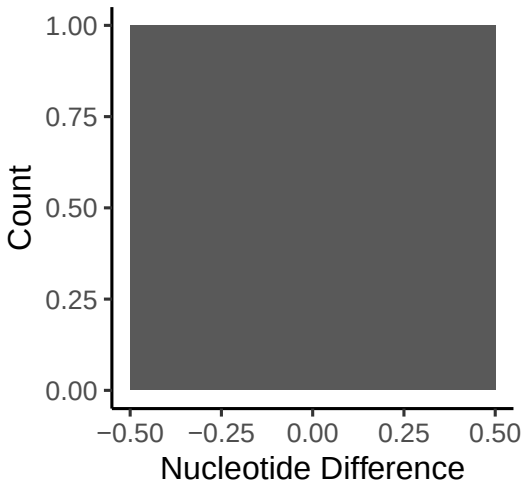
IGHV3−13*01

4 sequences assigned
2 (50%) exact matches, in which:
2 unique CDR3
2 unique J



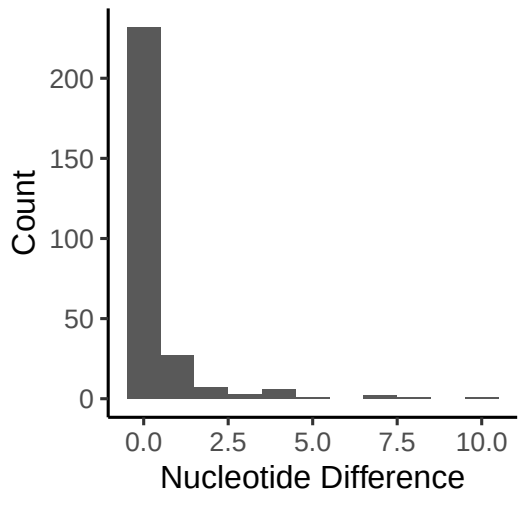
IGHV3−20*04

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



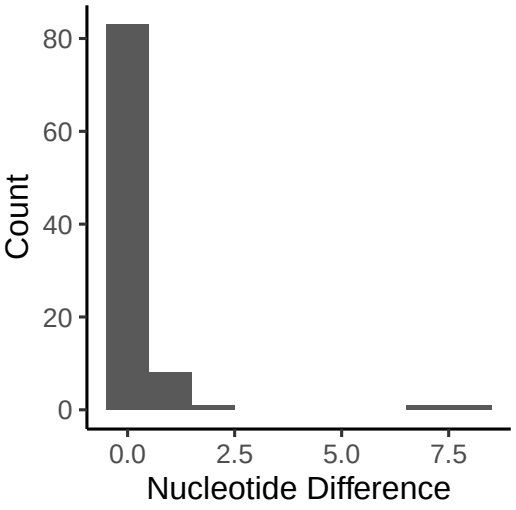
IGHV3−33*01

281 sequences assigned
232 (82.6%) exact matches, in which:
232 unique CDR3
7 unique J



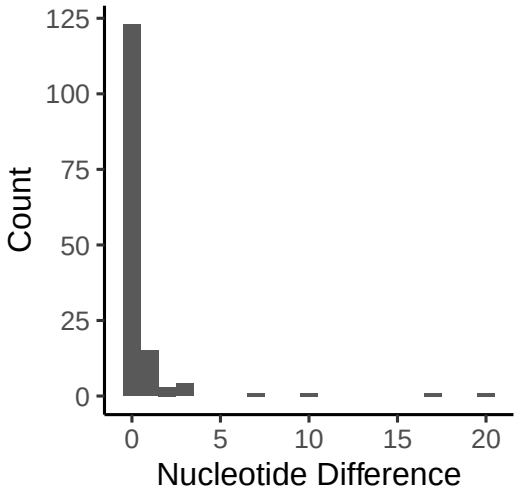
IGHV3−15*01

94 sequences assigned
83 (88.3%) exact matches, in which:
83 unique CDR3
7 unique J



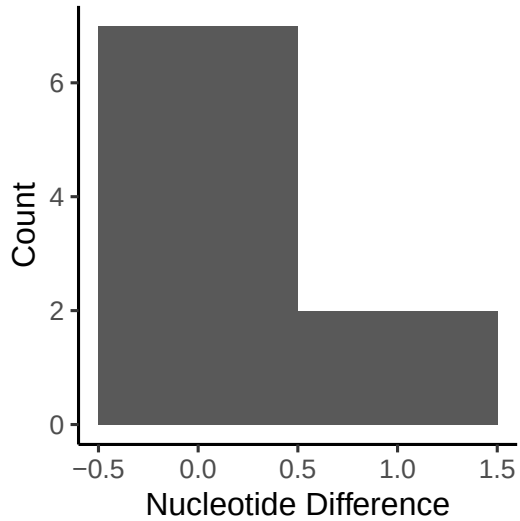
IGHV3−21*01

149 sequences assigned
123 (82.6%) exact matches, in which:
123 unique CDR3
6 unique J



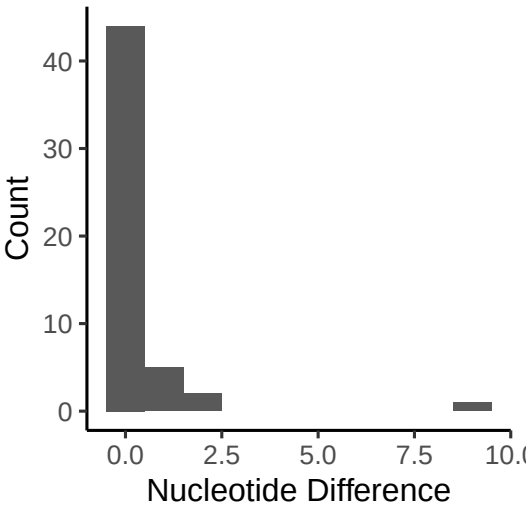
IGHV3−43*01

9 sequences assigned
7 (77.8%) exact matches, in which:
7 unique CDR3
2 unique J



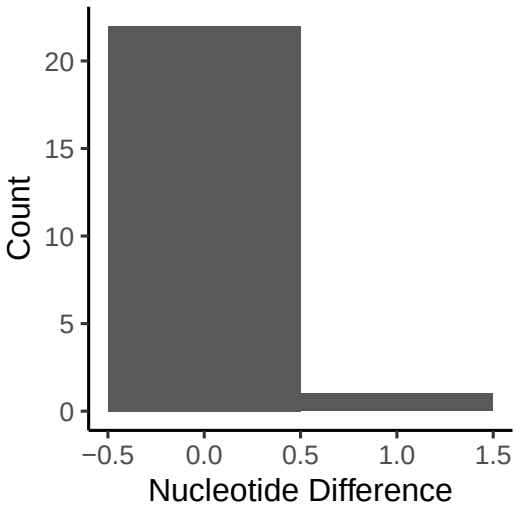
IGHV3−48*02

52 sequences assigned
44 (84.6%) exact matches, in which:
44 unique CDR3
5 unique J



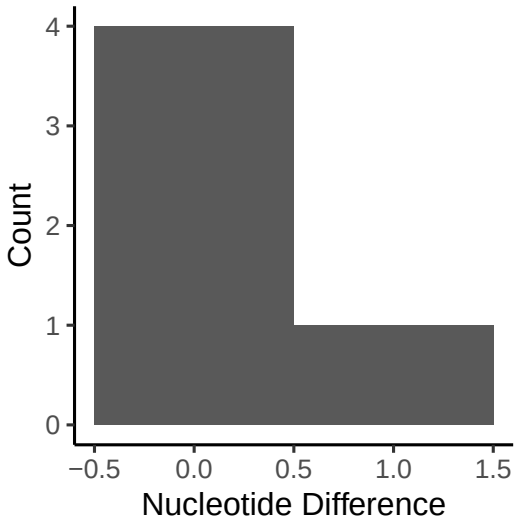
IGHV3−49*05

23 sequences assigned
22 (95.7%) exact matches, in which:
22 unique CDR3
5 unique J



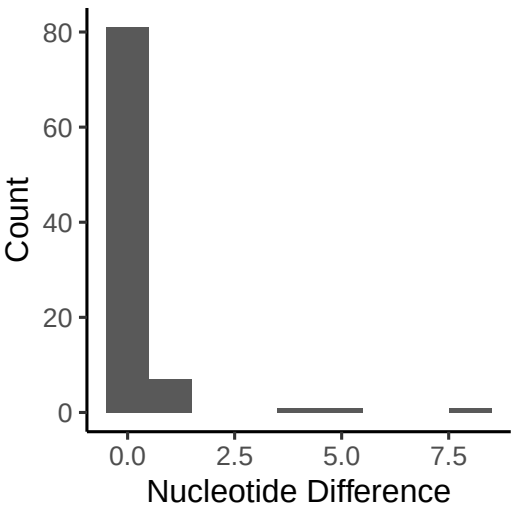
IGHV3−72*01

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



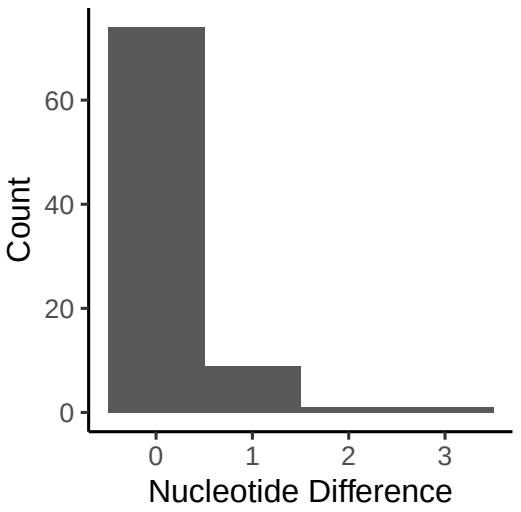
IGHV3−48*03

91 sequences assigned
81 (89%) exact matches, in which:
81 unique CDR3
5 unique J



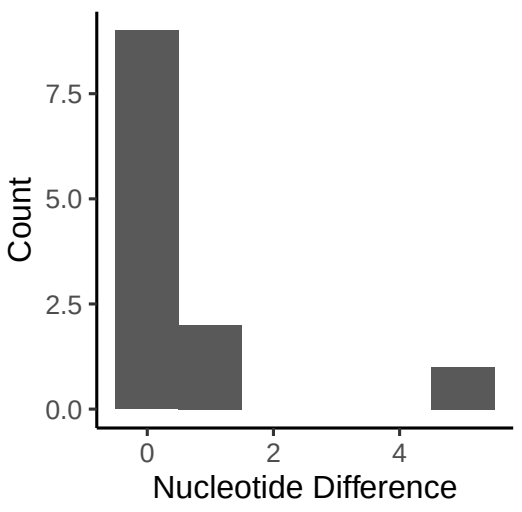
IGHV3−53*01

85 sequences assigned
74 (87.1%) exact matches, in which:
74 unique CDR3
6 unique J



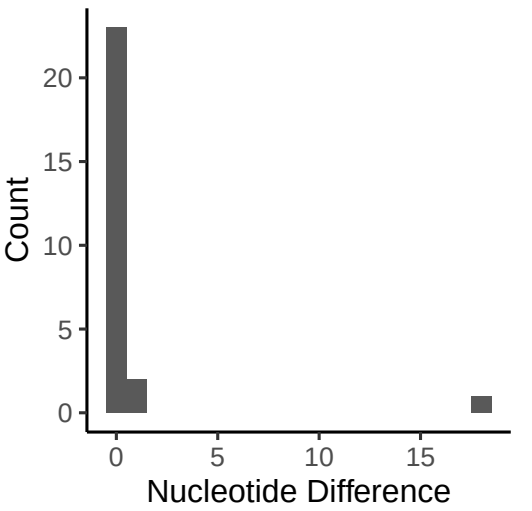
IGHV3−73*02

12 sequences assigned
9 (75%) exact matches, in which:
9 unique CDR3
3 unique J



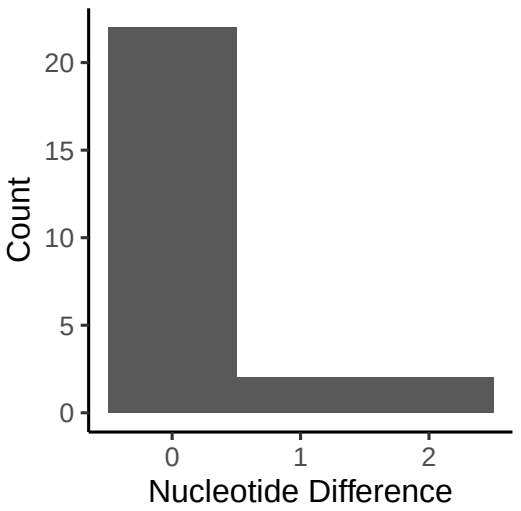
IGHV3−49*04

26 sequences assigned
23 (88.5%) exact matches, in which:
22 unique CDR3
4 unique J



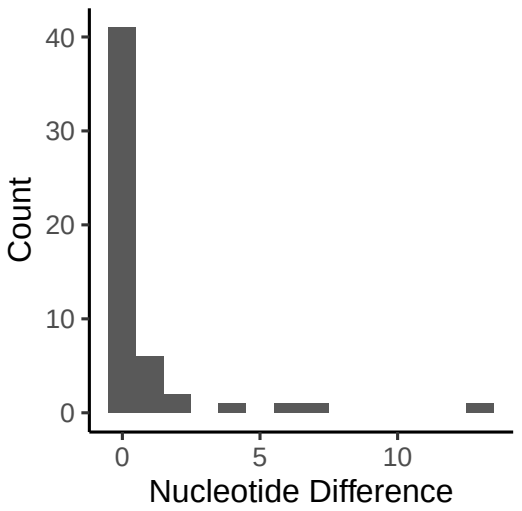
IGHV3−53*02

26 sequences assigned
22 (84.6%) exact matches, in which:
22 unique CDR3
5 unique J



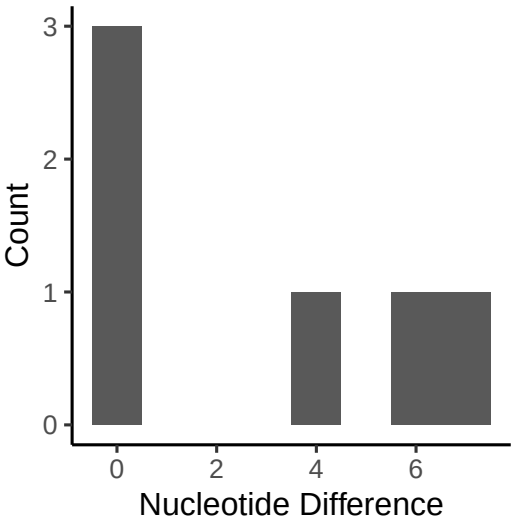
IGHV3−74*01

55 sequences assigned
41 (74.5%) exact matches, in which:
41 unique CDR3
5 unique J



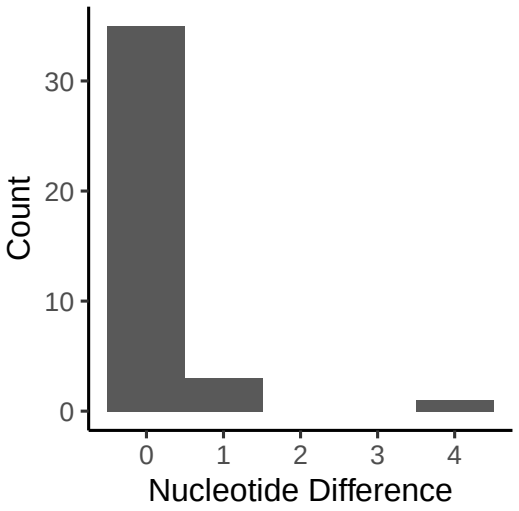
IGHV3−43D*04

6 sequences assigned
3 (50%) exact matches, in which:
3 unique CDR3
2 unique J



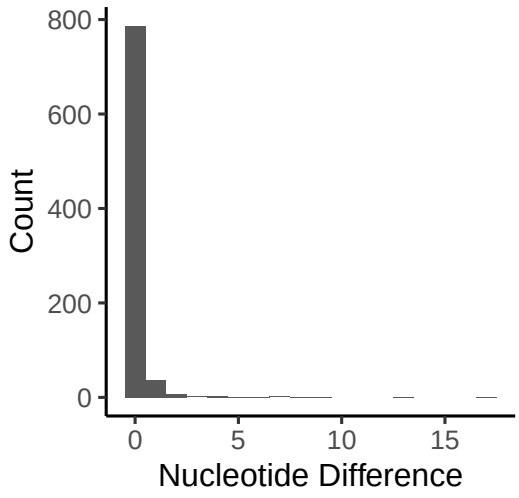
IGHV4−30−4*01

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



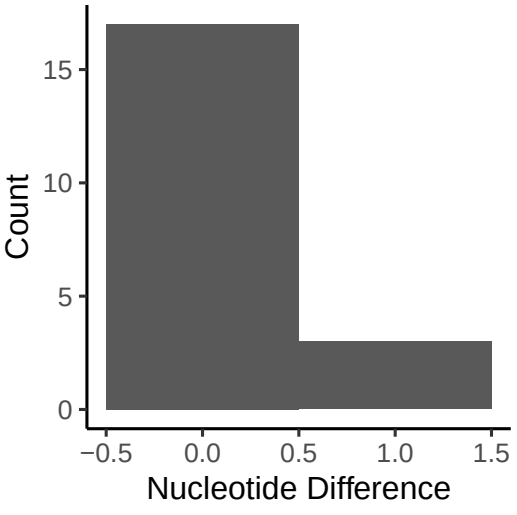
IGHV4−34*01

844 sequences assigned
787 (93.2%) exact matches, in which:
787 unique CDR3
7 unique J



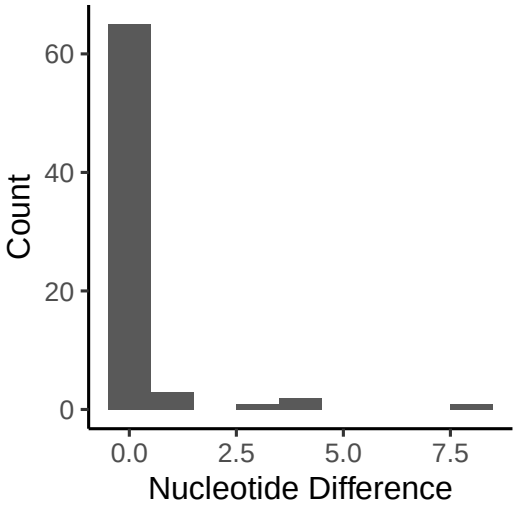
IGHV3−64D*06

20 sequences assigned
17 (85%) exact matches, in which:
17 unique CDR3
3 unique J



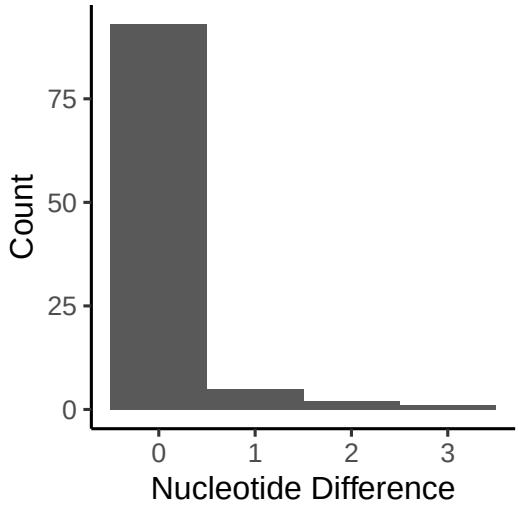
IGHV4−30−2*01

72 sequences assigned
65 (90.3%) exact matches, in which:
65 unique CDR3
7 unique J



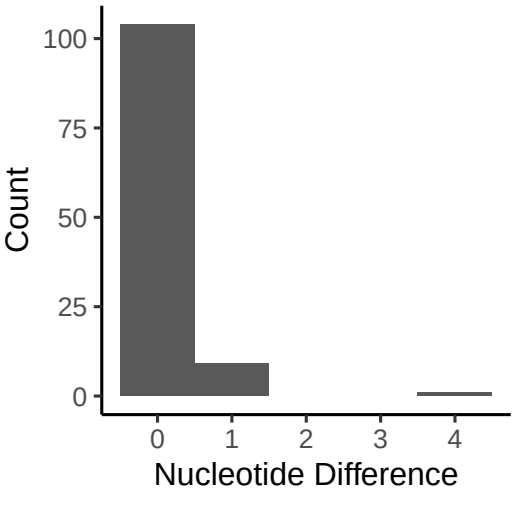
IGHV4−38−2*01

101 sequences assigned
93 (92.1%) exact matches, in which:
93 unique CDR3
6 unique J



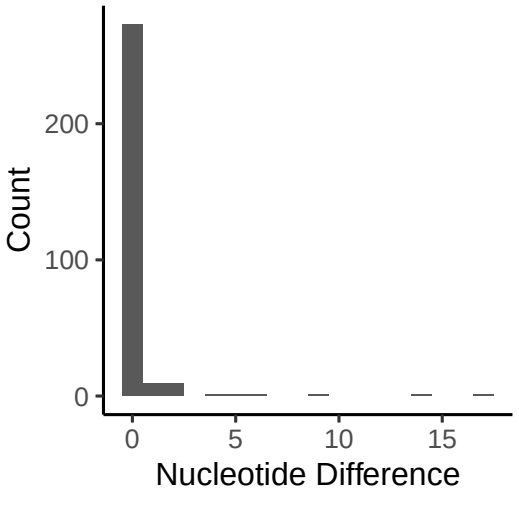
IGHV4−4*02

114 sequences assigned
104 (91.2%) exact matches, in which:
104 unique CDR3
6 unique J



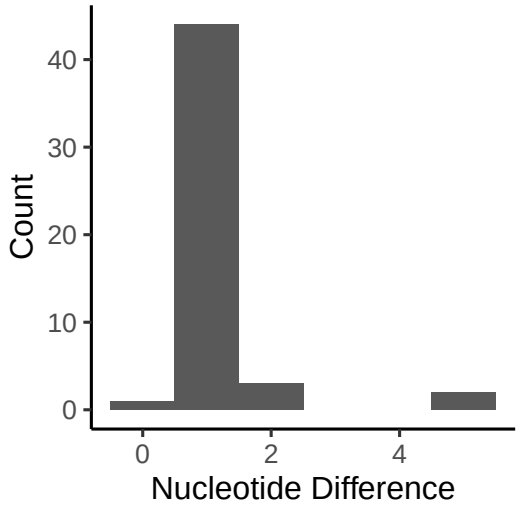
IGHV4−31*03

297 sequences assigned
273 (91.9%) exact matches, in which:
272 unique CDR3
7 unique J



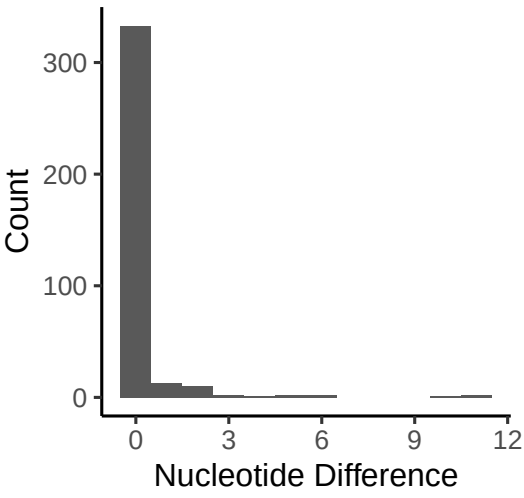
IGHV4−38−2*02

50 sequences assigned
1 (2%) exact matches, in which:
1 unique CDR3
1 unique J



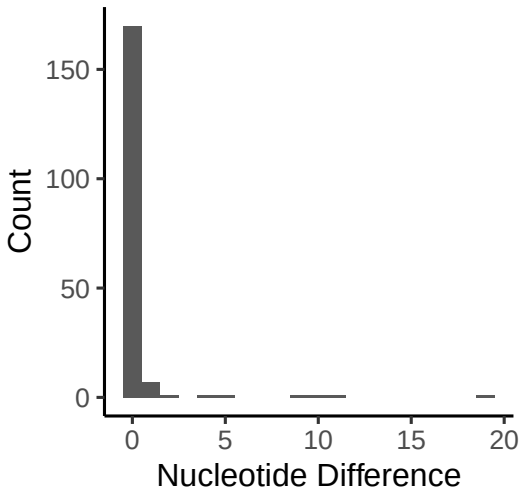
IGHV4−39*01

366 sequences assigned
333 (91%) exact matches, in which:
332 unique CDR3
6 unique J



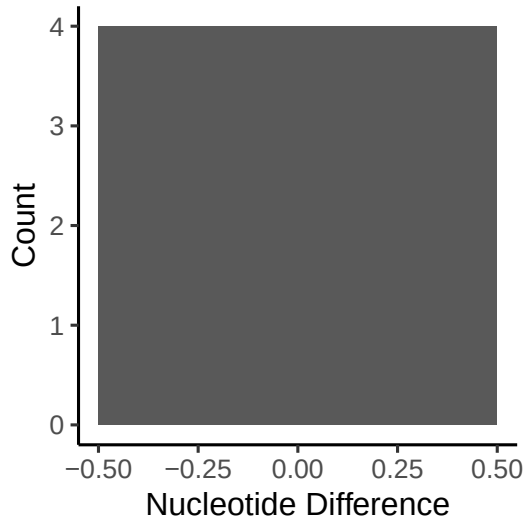
IGHV5−10−1*03

185 sequences assigned
170 (91.9%) exact matches, in which:
170 unique CDR3
5 unique J



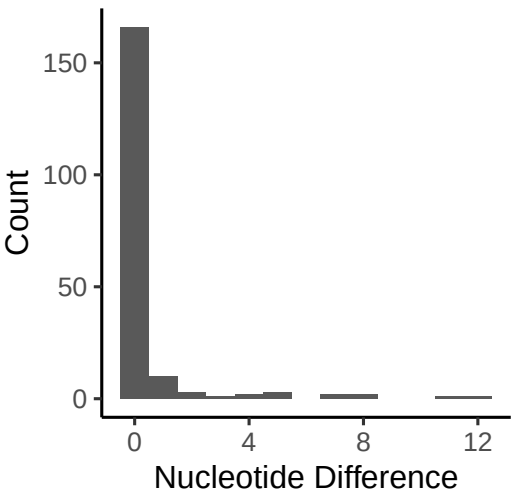
IGHV7−4−1*01

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



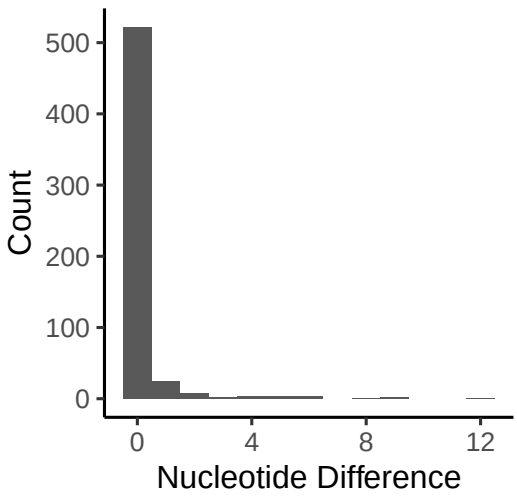
IGHV4−59*01

193 sequences assigned
166 (86%) exact matches, in which:
165 unique CDR3
7 unique J



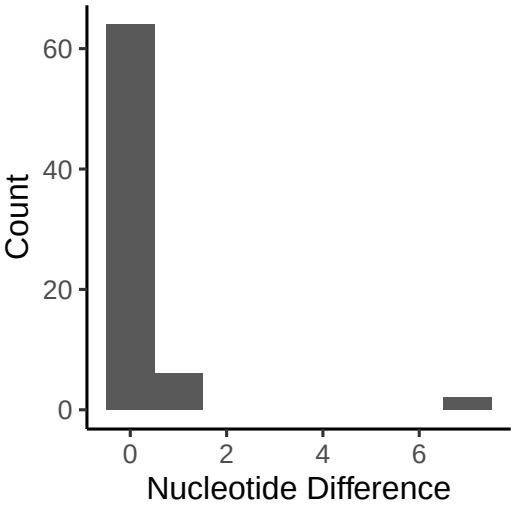
IGHV5−51*01

571 sequences assigned
522 (91.4%) exact matches, in which:
522 unique CDR3
7 unique J



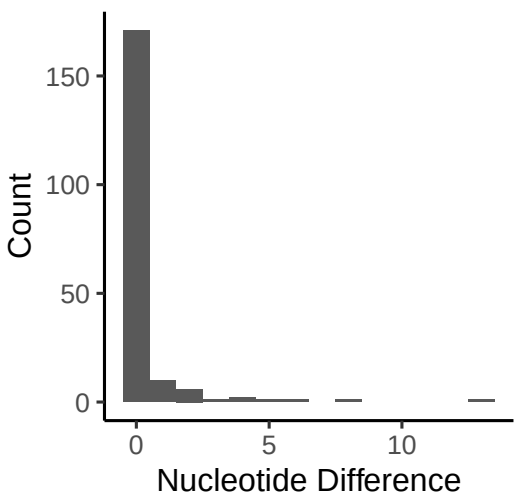
IGHV4−61*01

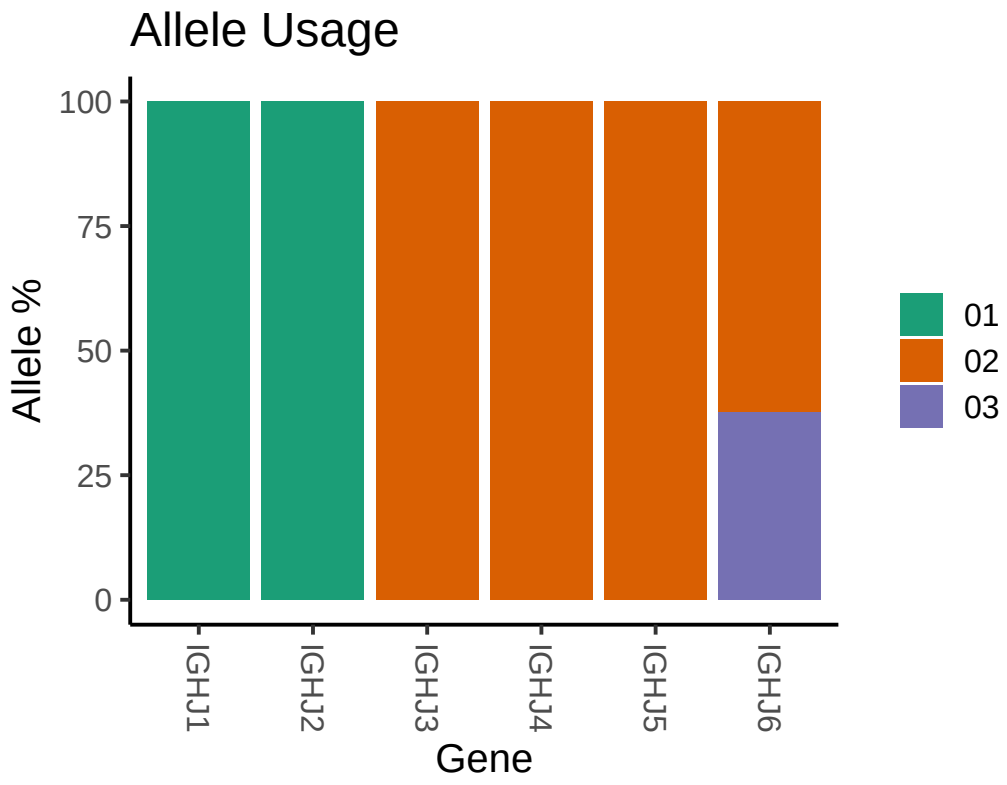
73 sequences assigned
64 (87.7%) exact matches, in which:
64 unique CDR3
6 unique J



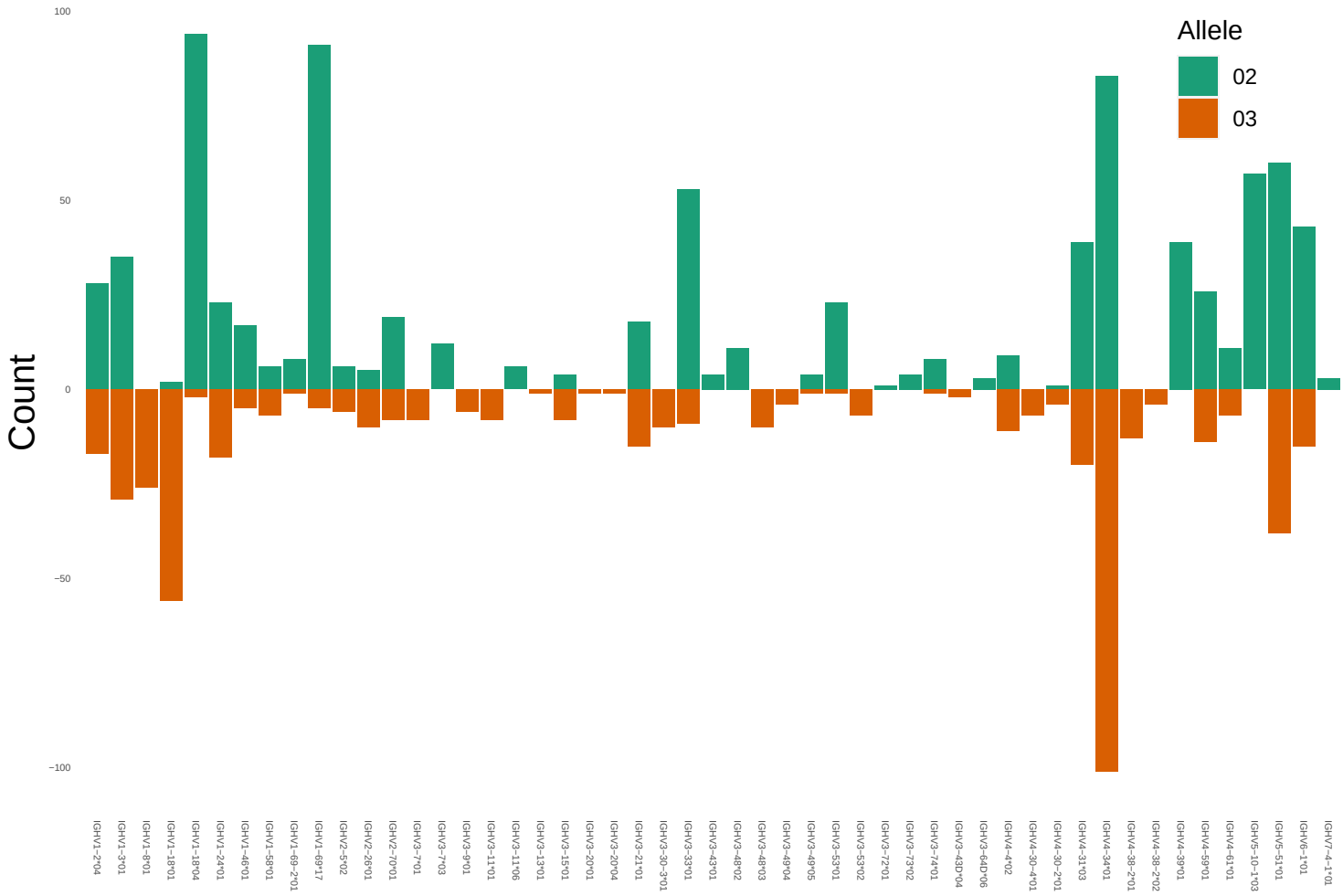
IGHV6−1*01

194 sequences assigned
171 (88.1%) exact matches, in which:
171 unique CDR3
6 unique J




Allele Usage
100
75
50
25
0
Allele %
IGHJ1
IGHJ2
IGHJ3
IGHJ4
IGHJ5
IGHJ6
Gene
01
02
03

Sequence Count by IGHJ6 allele usage



Novel sequence(s) IGHV4−38−2*02_A70G are not listed in the genotype and will be ignored.