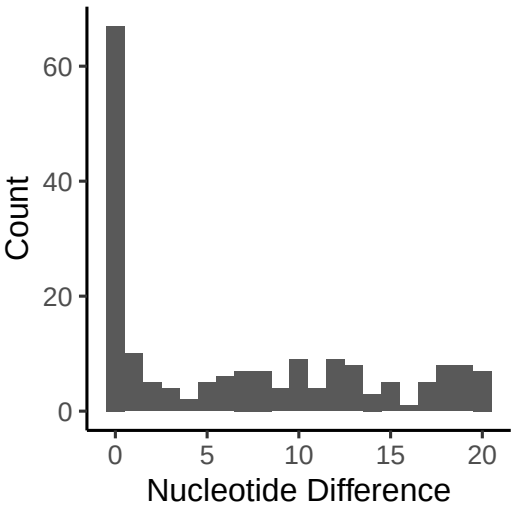
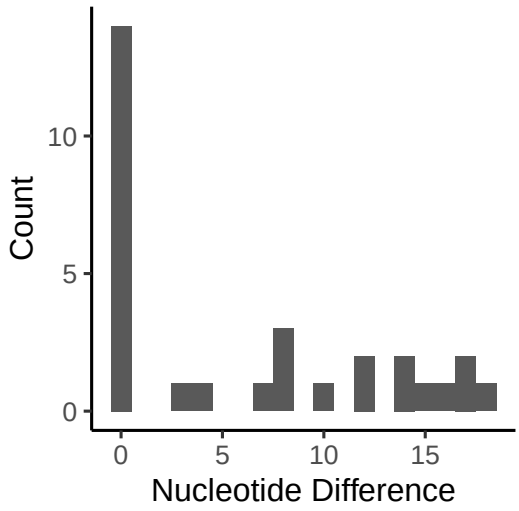
IGHV1−2*02

262 sequences assigned
67 (25.6%) exact matches, in which:
67 unique CDR3
6 unique J



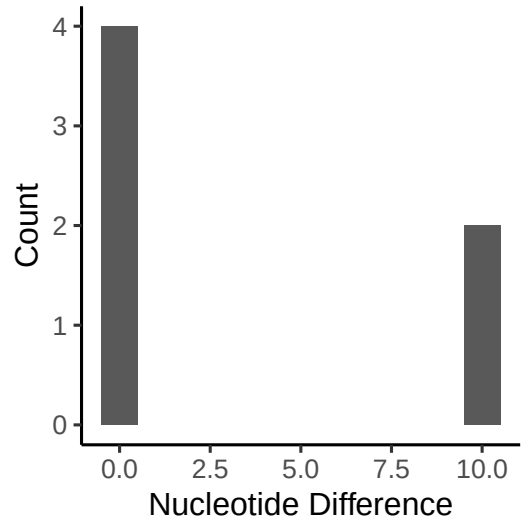
IGHV1−24*01

38 sequences assigned
14 (36.8%) exact matches, in which:
14 unique CDR3
3 unique J



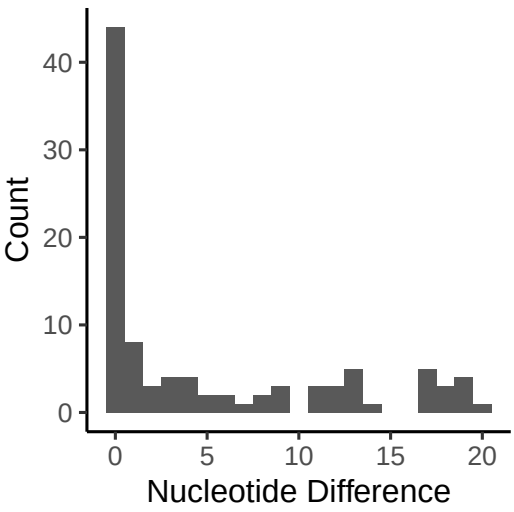
IGHV1−69−2*01

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
3 unique J



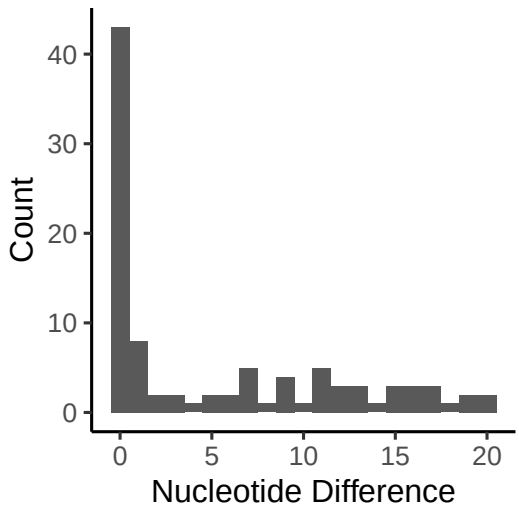
IGHV1−8*01

107 sequences assigned
44 (41.1%) exact matches, in which:
44 unique CDR3
4 unique J



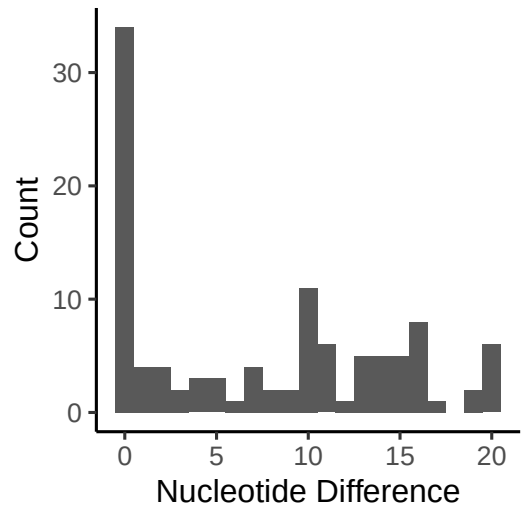
IGHV1−46*01

127 sequences assigned
43 (33.9%) exact matches, in which:
43 unique CDR3
5 unique J



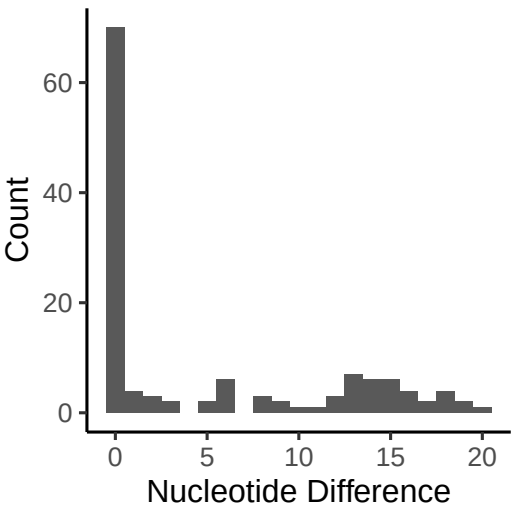
IGHV2−5*01

120 sequences assigned
34 (28.3%) exact matches, in which:
34 unique CDR3
5 unique J



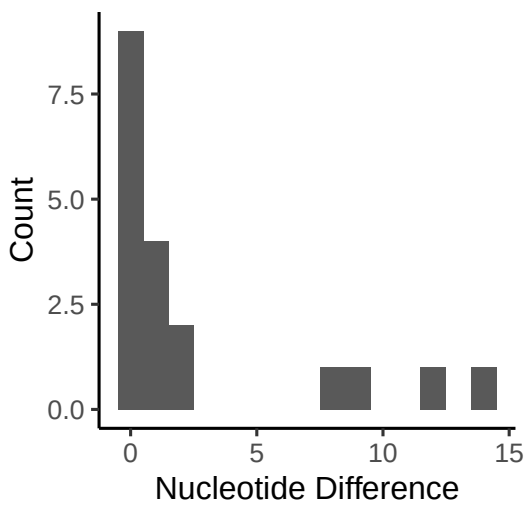
IGHV1−18*01

173 sequences assigned
70 (40.5%) exact matches, in which:
69 unique CDR3
5 unique J



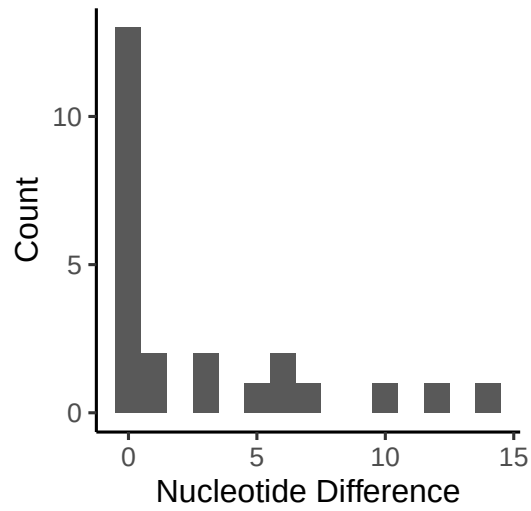
IGHV1−58*01

21 sequences assigned
9 (42.9%) exact matches, in which:
9 unique CDR3
3 unique J



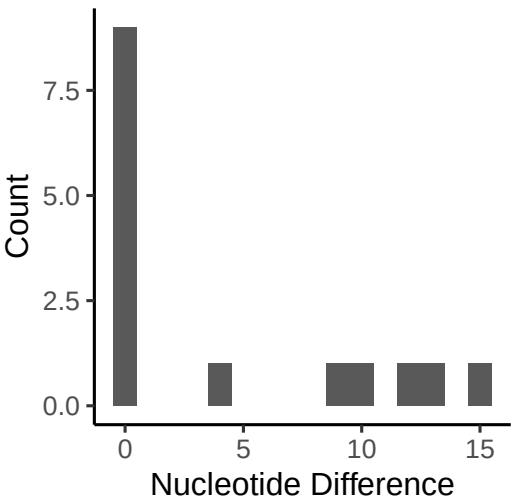
IGHV2−26*01

27 sequences assigned
13 (48.1%) exact matches, in which:
13 unique CDR3
4 unique J



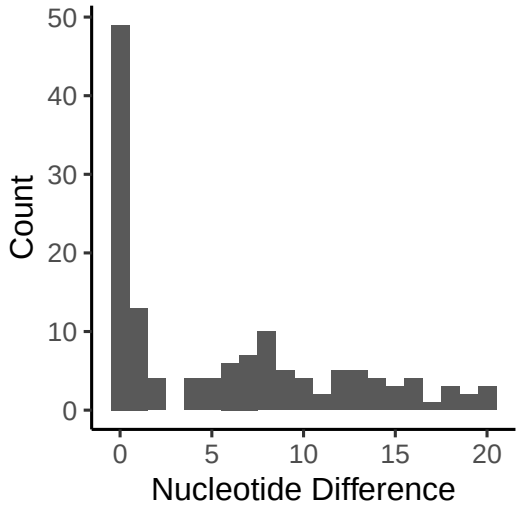
IGHV2−70*01

17 sequences assigned
9 (52.9%) exact matches, in which:
9 unique CDR3
4 unique J



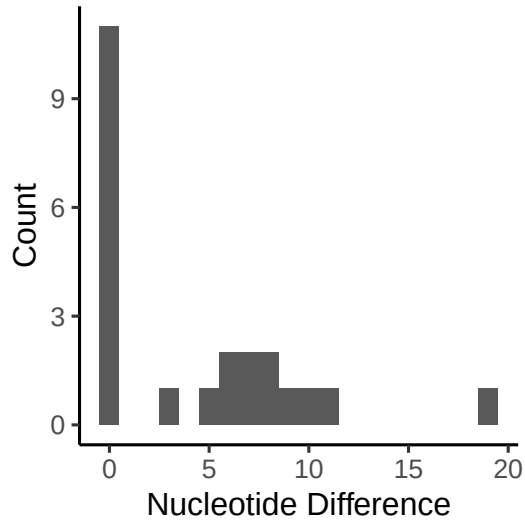
IGHV3−11*01

167 sequences assigned
49 (29.3%) exact matches, in which:
49 unique CDR3
6 unique J



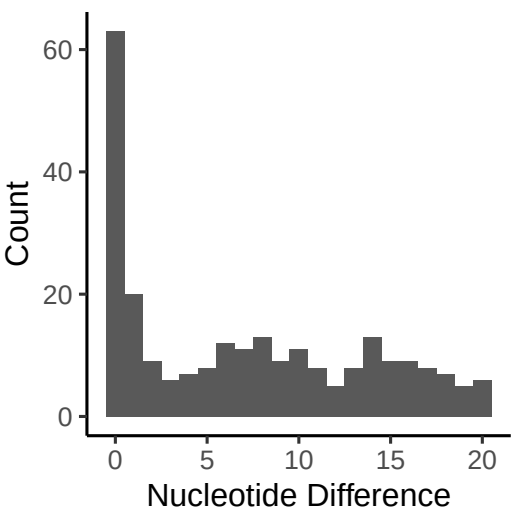
IGHV3−20*01

23 sequences assigned
11 (47.8%) exact matches, in which:
11 unique CDR3
4 unique J



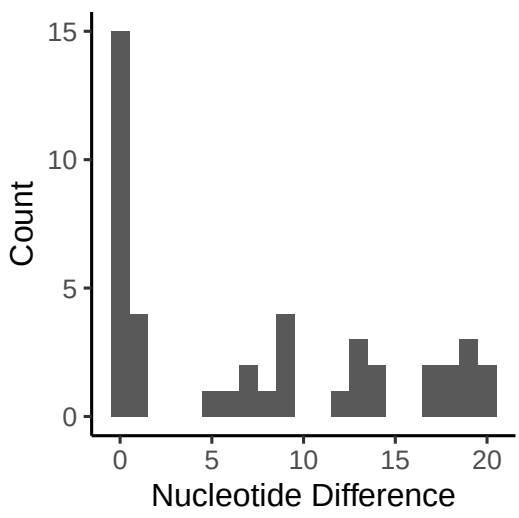
IGHV3−7*01

291 sequences assigned
63 (21.6%) exact matches, in which:
63 unique CDR3
5 unique J



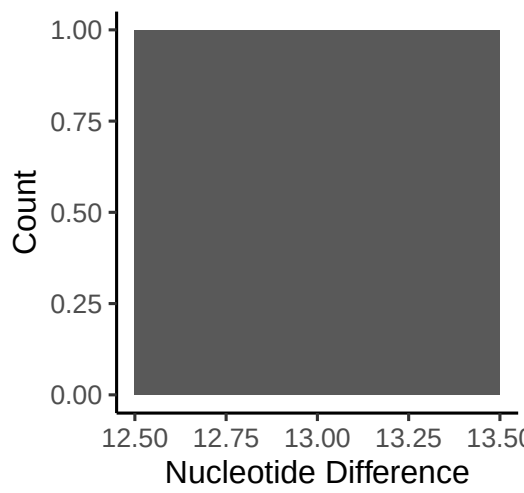
IGHV3−13*01

60 sequences assigned
15 (25%) exact matches, in which:
15 unique CDR3
3 unique J



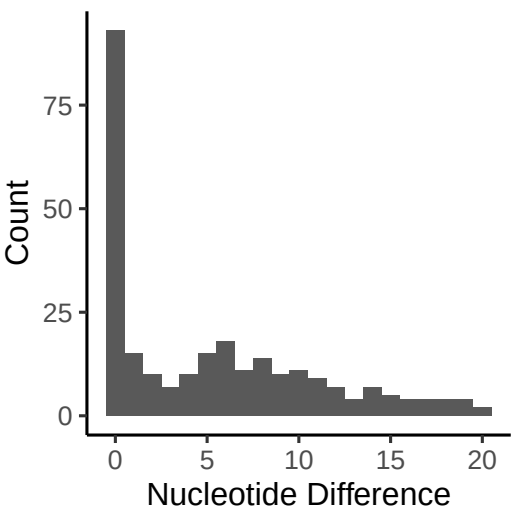
IGHV3−20*04

5 sequences assigned
No exact matches.



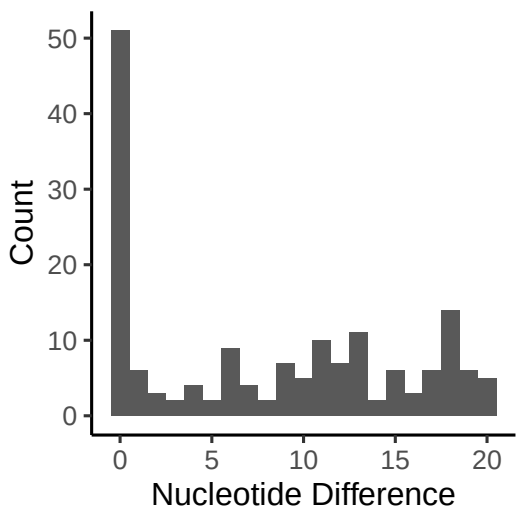
IGHV3−9*01

306 sequences assigned
93 (30.4%) exact matches, in which:
93 unique CDR3
6 unique J



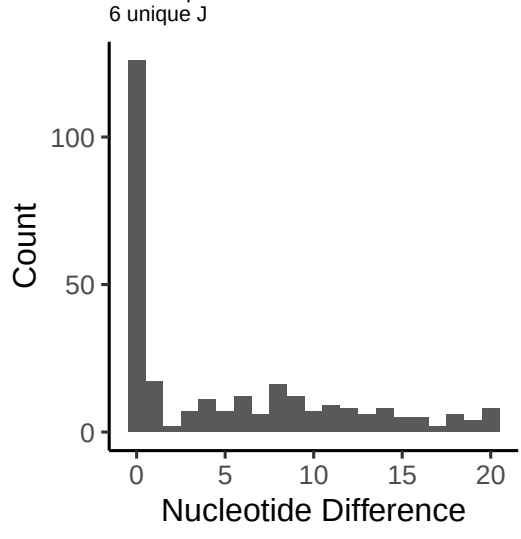
IGHV3−15*01

203 sequences assigned
51 (25.1%) exact matches, in which:
50 unique CDR3
4 unique J



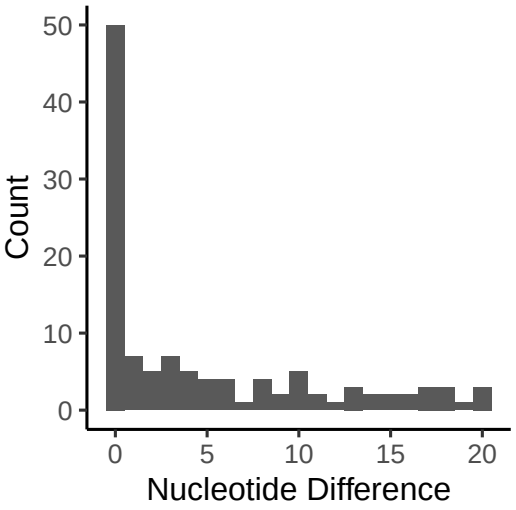
IGHV3−21*01

313 sequences assigned
126 (40.3%) exact matches, in which:
126 unique CDR3
6 unique J



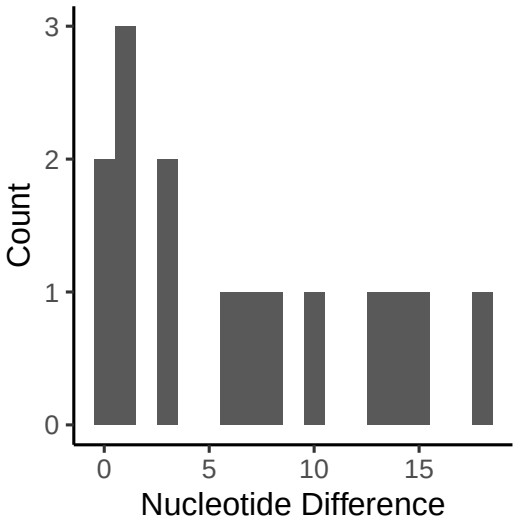
IGHV3−30*01

138 sequences assigned
50 (36.2%) exact matches, in which:
50 unique CDR3
5 unique J



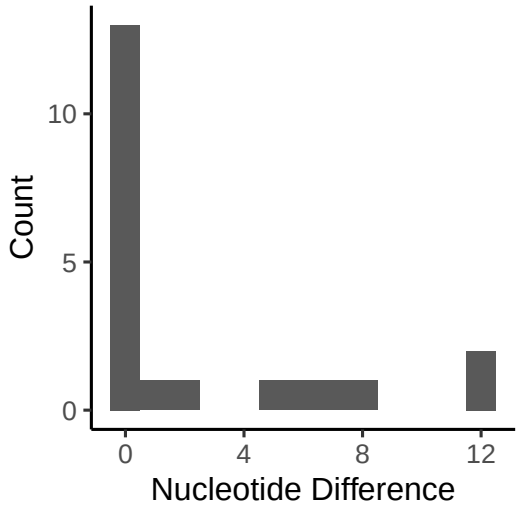
IGHV3−43*01

19 sequences assigned
2 (10.5%) exact matches, in which:
2 unique CDR3
2 unique J



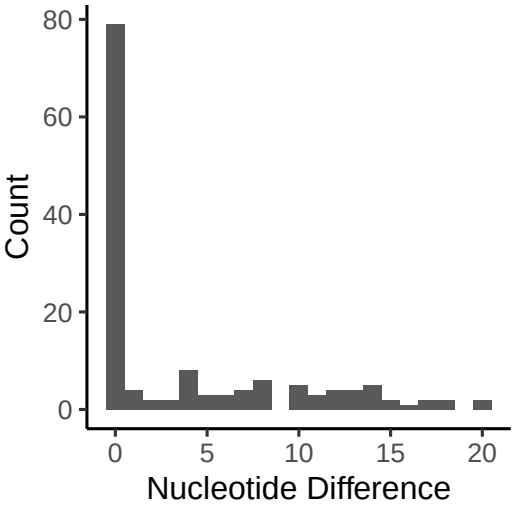
IGHV3−49*05

21 sequences assigned
13 (61.9%) exact matches, in which:
13 unique CDR3
2 unique J



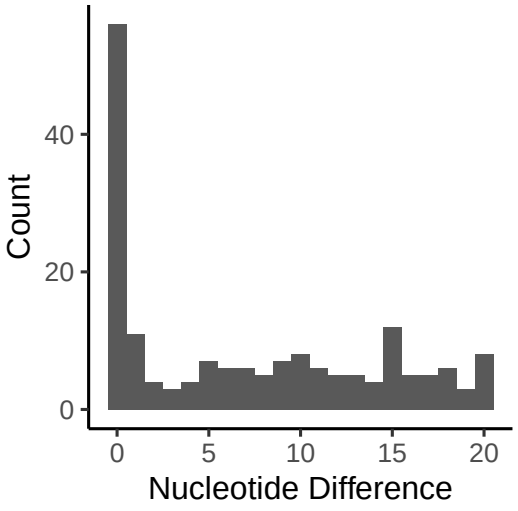
IGHV3−30−3*01

168 sequences assigned
79 (47%) exact matches, in which:
79 unique CDR3
6 unique J



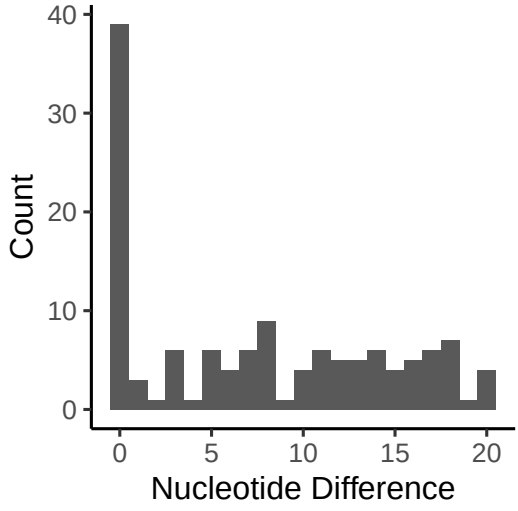
IGHV3−48*02

201 sequences assigned
56 (27.9%) exact matches, in which:
56 unique CDR3
6 unique J



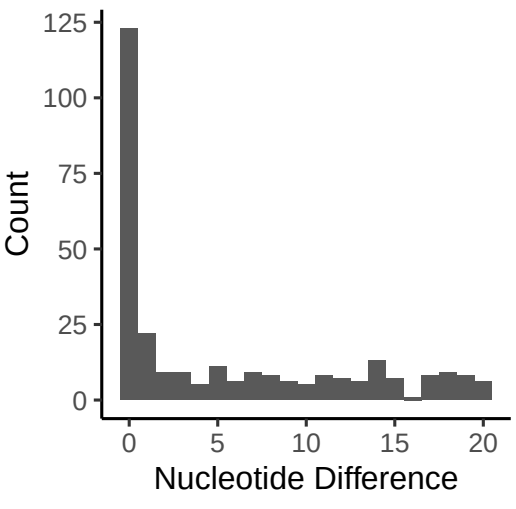
IGHV3−53*01

170 sequences assigned
39 (22.9%) exact matches, in which:
39 unique CDR3
5 unique J



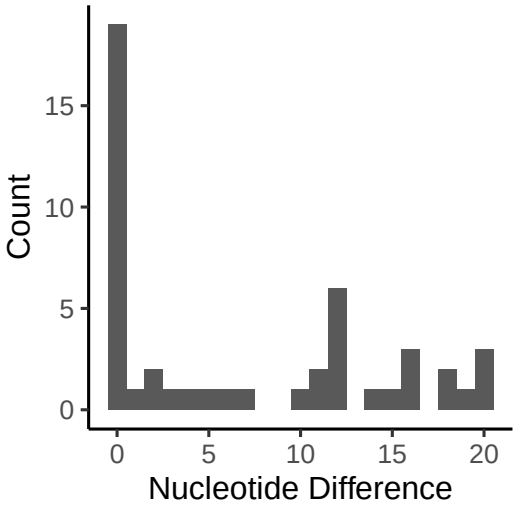
IGHV3−33*01

367 sequences assigned
123 (33.5%) exact matches, in which:
123 unique CDR3
6 unique J



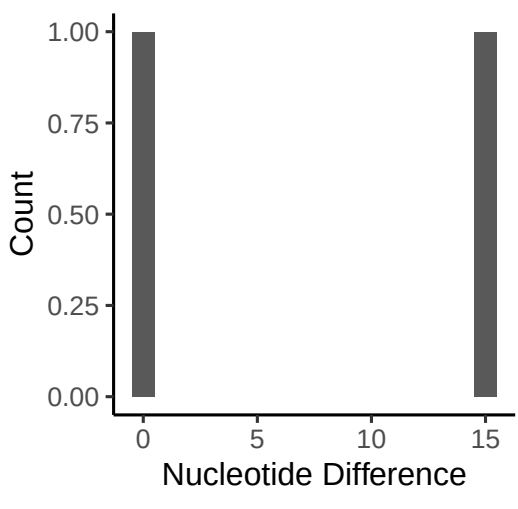
IGHV3−49*03

68 sequences assigned
19 (27.9%) exact matches, in which:
19 unique CDR3
4 unique J



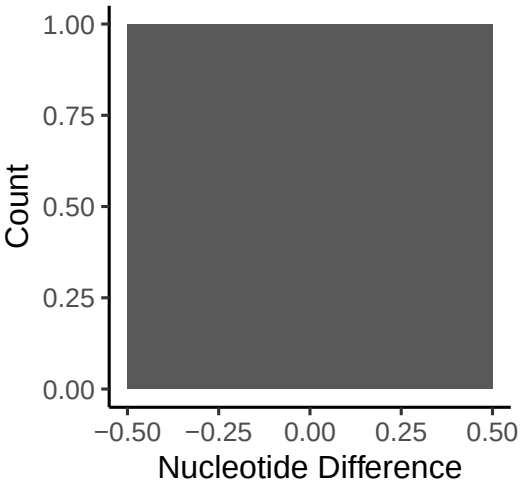
IGHV3−64*02

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



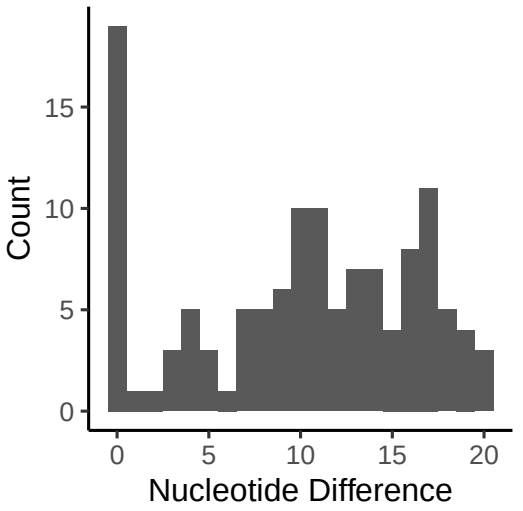
IGHV3−69−1*01

5 sequences assigned
1 (20%) exact matches, in which:
1 unique CDR3
1 unique J



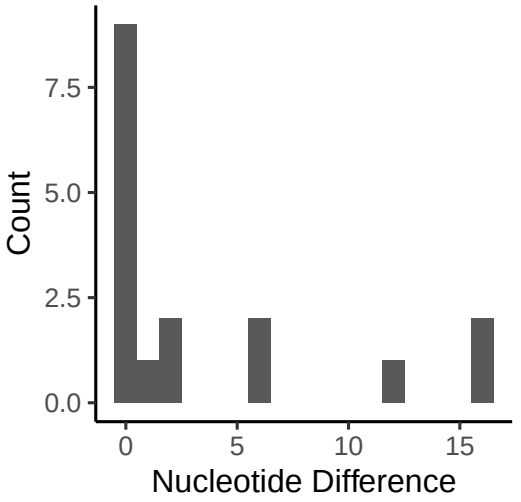
IGHV3−74*01

142 sequences assigned
19 (13.4%) exact matches, in which:
19 unique CDR3
4 unique J



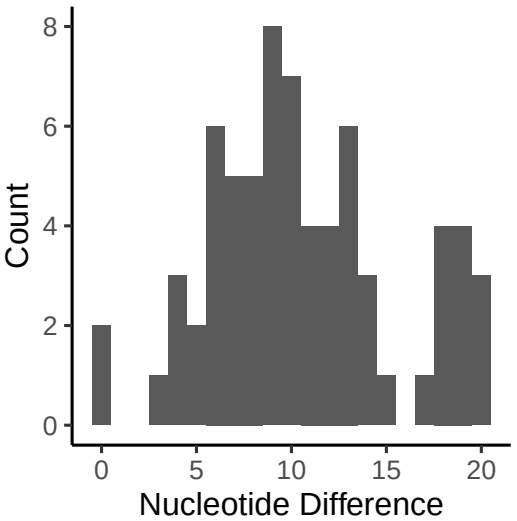
IGHV4−30−2*01

30 sequences assigned
9 (30%) exact matches, in which:
9 unique CDR3
4 unique J



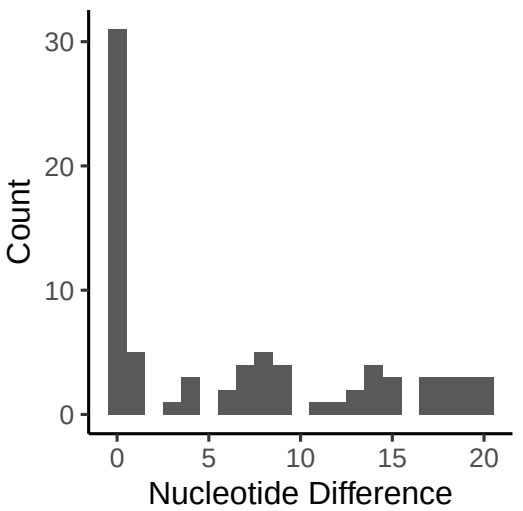
IGHV3−72*01

80 sequences assigned
2 (2.5%) exact matches, in which:
2 unique CDR3
2 unique J



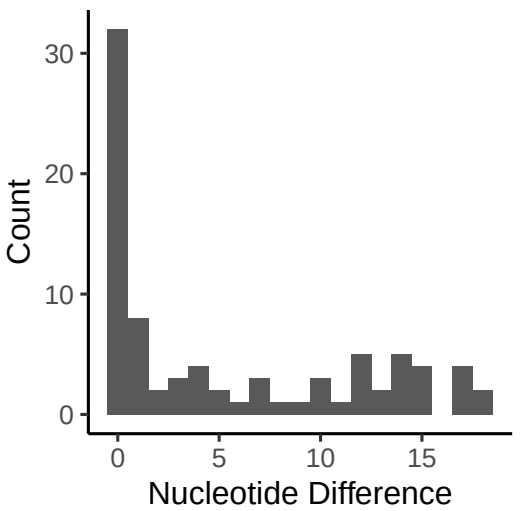
IGHV4−4*07

92 sequences assigned
31 (33.7%) exact matches, in which:
31 unique CDR3
4 unique J



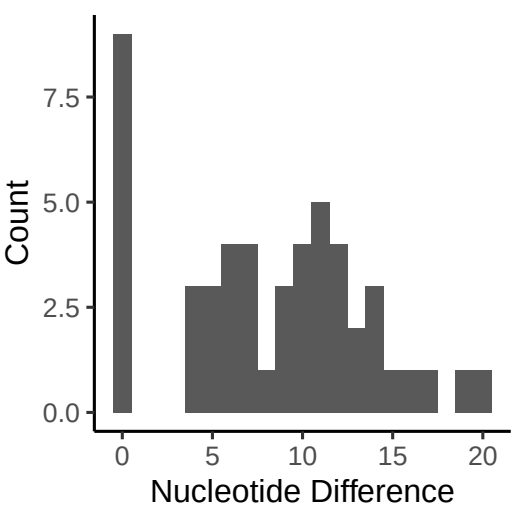
IGHV4−31*03

103 sequences assigned
32 (31.1%) exact matches, in which:
32 unique CDR3
5 unique J



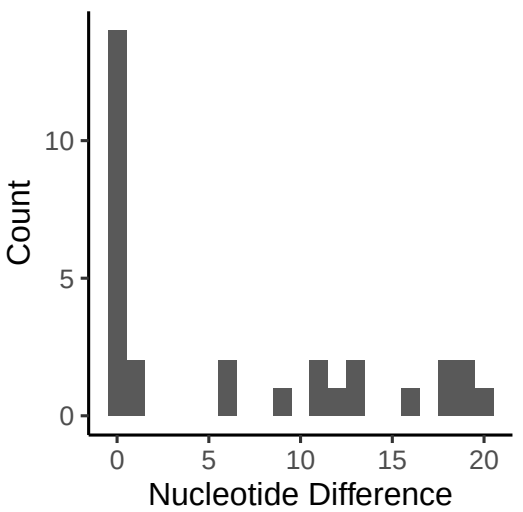
IGHV3−73*02

60 sequences assigned
9 (15%) exact matches, in which:
9 unique CDR3
4 unique J



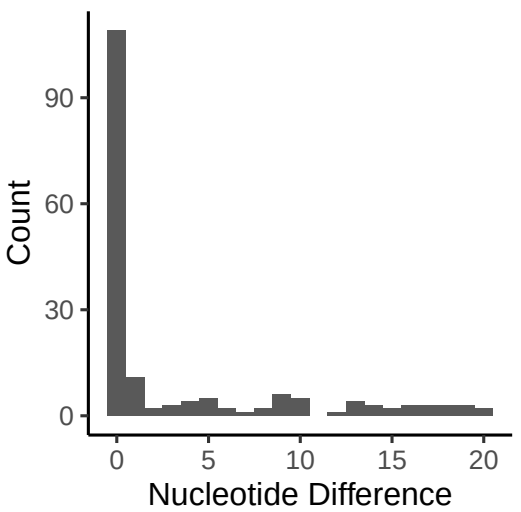
IGHV4−30−4*01

37 sequences assigned
14 (37.8%) exact matches, in which:
13 unique CDR3
4 unique J



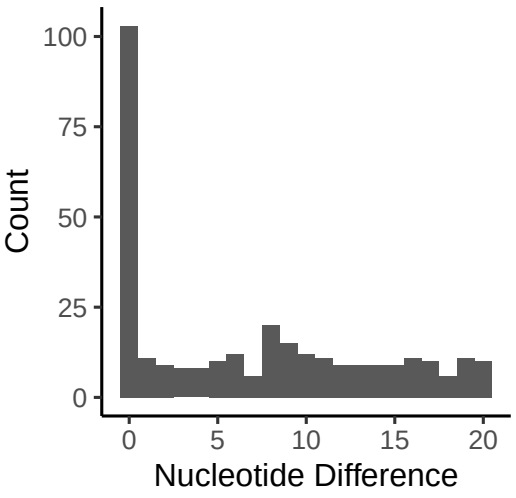
IGHV4−34*01

197 sequences assigned
109 (55.3%) exact matches, in which:
108 unique CDR3
6 unique J



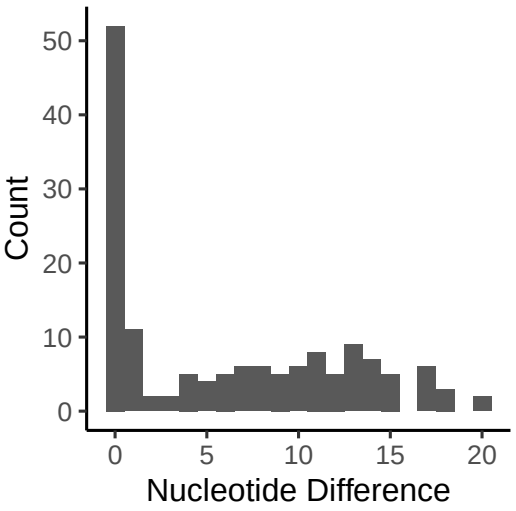
IGHV4−39*01

370 sequences assigned
103 (27.8%) exact matches, in which:
103 unique CDR3
6 unique J



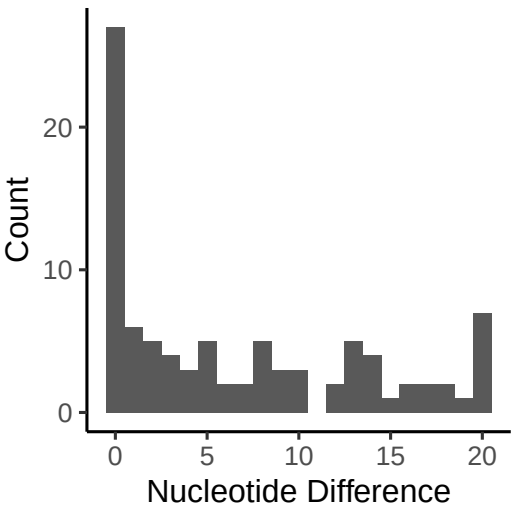
IGHV5−51*01

174 sequences assigned
52 (29.9%) exact matches, in which:
52 unique CDR3
5 unique J



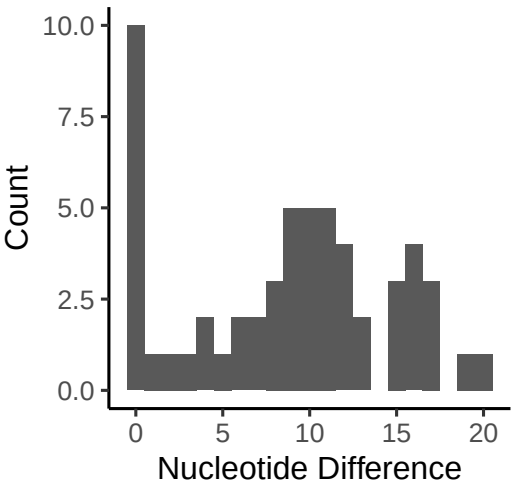
IGHV4−59*01

110 sequences assigned
27 (24.5%) exact matches, in which:
26 unique CDR3
6 unique J



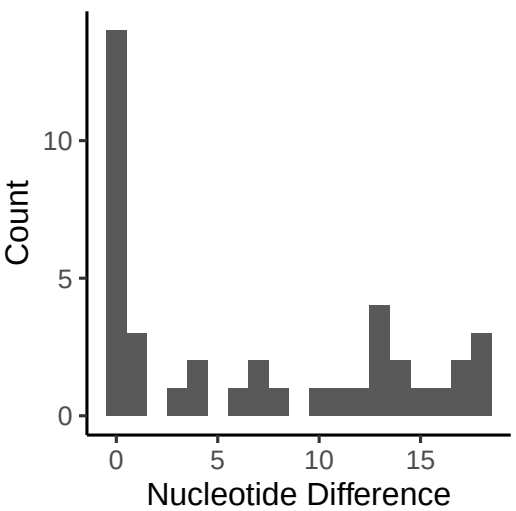
IGHV6−1*01

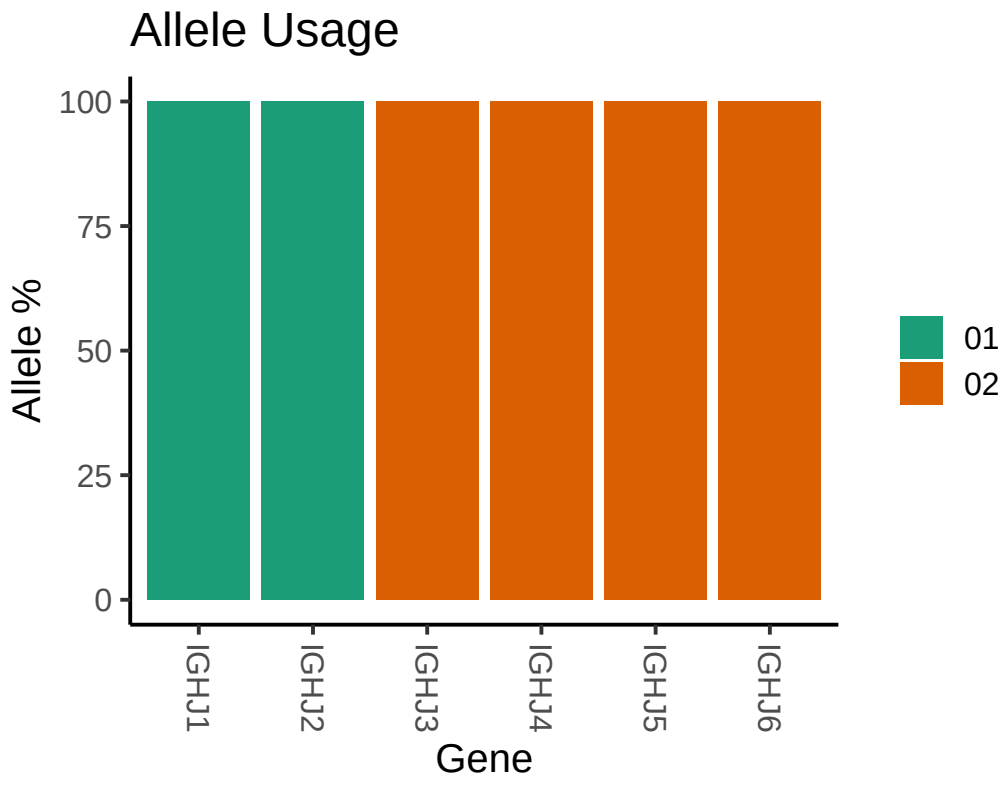
64 sequences assigned
10 (15.6%) exact matches, in which:
10 unique CDR3
3 unique J



IGHV4−61*01

53 sequences assigned
14 (26.4%) exact matches, in which:
14 unique CDR3
3 unique J

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IGHJ2
IGHJ3
IGHJ4
IGHJ5
IGHJ6
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01
02

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