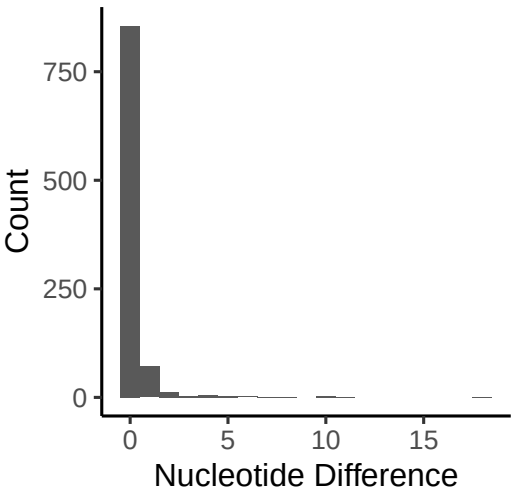
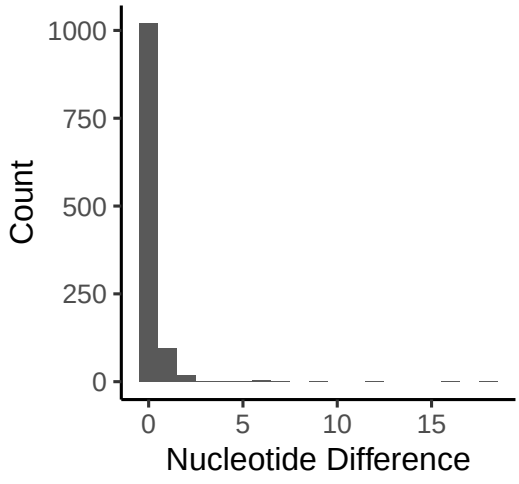
IGHV1−2*02

965 sequences assigned
856 (88.7%) exact matches, in which:
830 unique CDR3
6 unique J



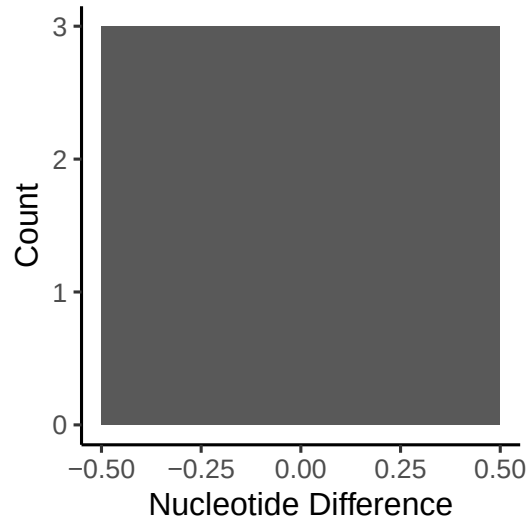
IGHV1−8*01

1146 sequences assigned
1020 (89%) exact matches, in which:
981 unique CDR3
6 unique J



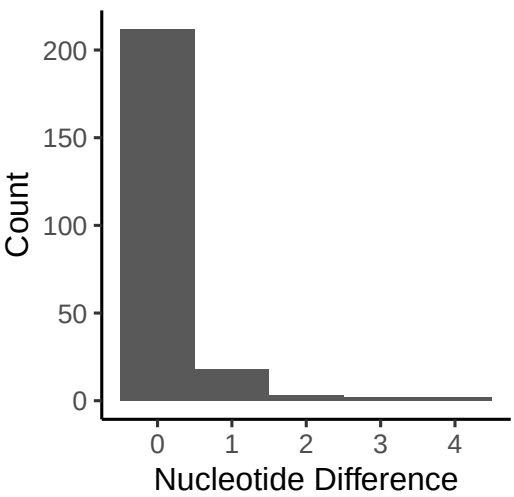
IGHV1−45*02

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



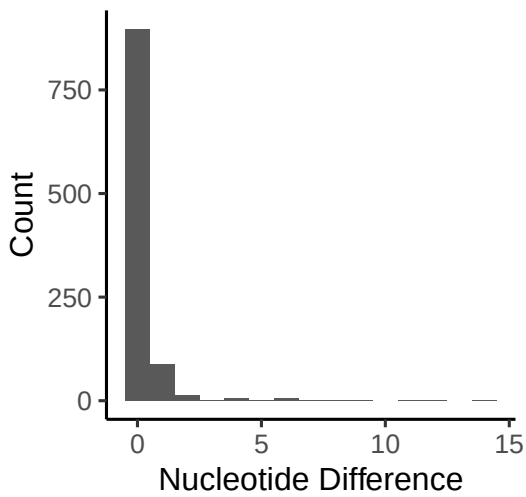
IGHV1−2*04

237 sequences assigned
212 (89.5%) exact matches, in which:
200 unique CDR3
6 unique J



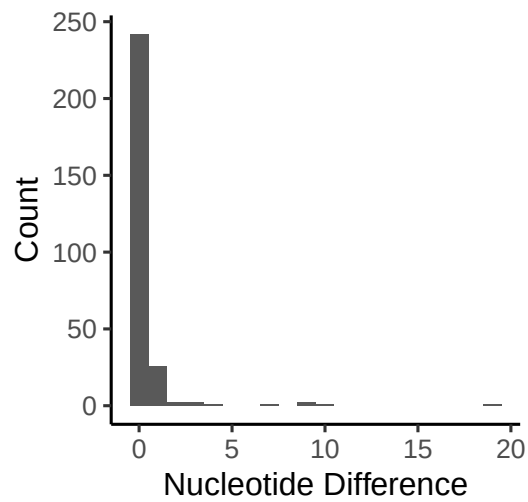
IGHV1−18*01

1024 sequences assigned
897 (87.6%) exact matches, in which:
873 unique CDR3
6 unique J



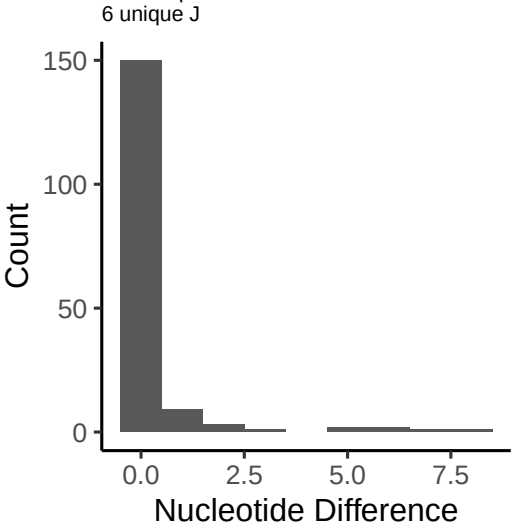
IGHV1−46*01

285 sequences assigned
242 (84.9%) exact matches, in which:
233 unique CDR3
6 unique J



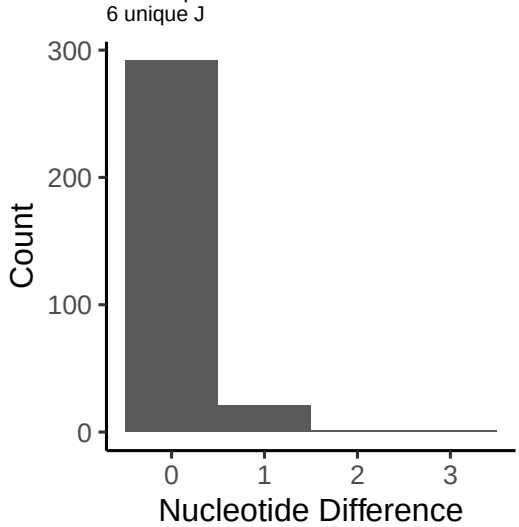
IGHV1−3*05

169 sequences assigned
150 (88.8%) exact matches, in which:
148 unique CDR3
6 unique J



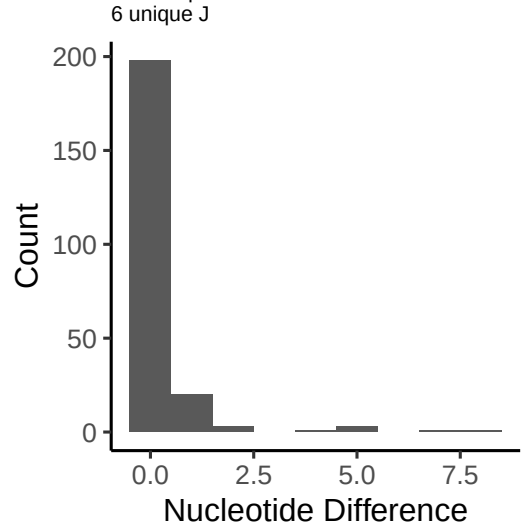
IGHV1−24*01

315 sequences assigned
292 (92.7%) exact matches, in which:
279 unique CDR3
6 unique J



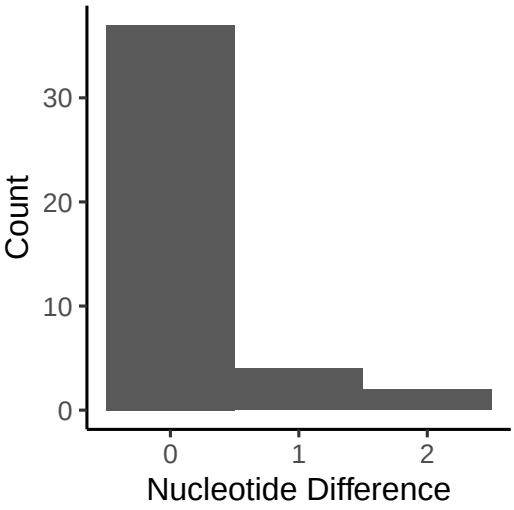
IGHV1−46*03

227 sequences assigned
198 (87.2%) exact matches, in which:
189 unique CDR3
6 unique J



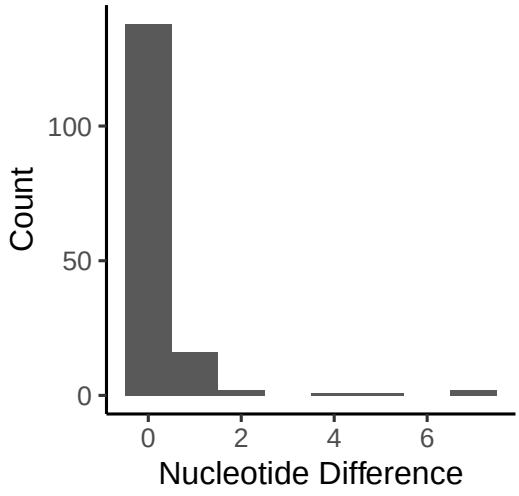
IGHV1−58*01

43 sequences assigned
37 (86%) exact matches, in which:
37 unique CDR3
4 unique J



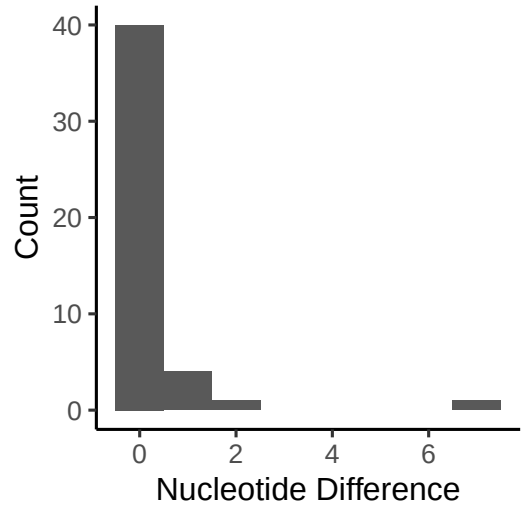
IGHV2−5*01

160 sequences assigned
138 (86.2%) exact matches, in which:
136 unique CDR3
6 unique J



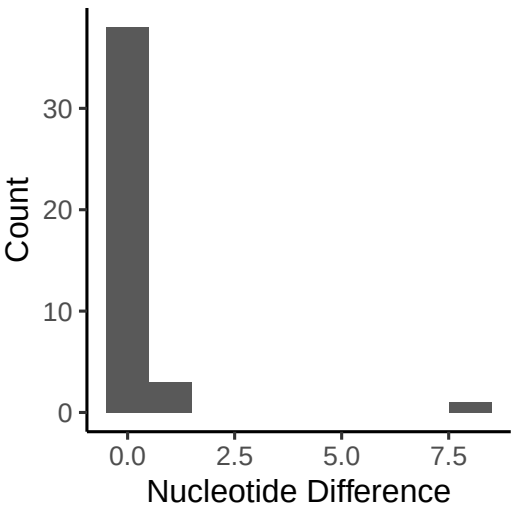
IGHV2−70*01

46 sequences assigned
40 (87%) exact matches, in which:
39 unique CDR3
5 unique J



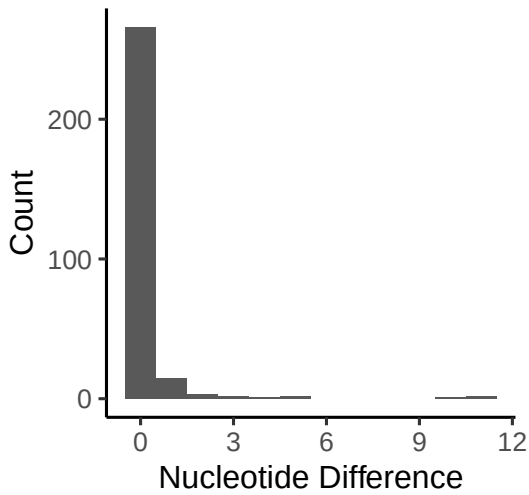
IGHV1−58*02

42 sequences assigned
38 (90.5%) exact matches, in which:
38 unique CDR3
6 unique J



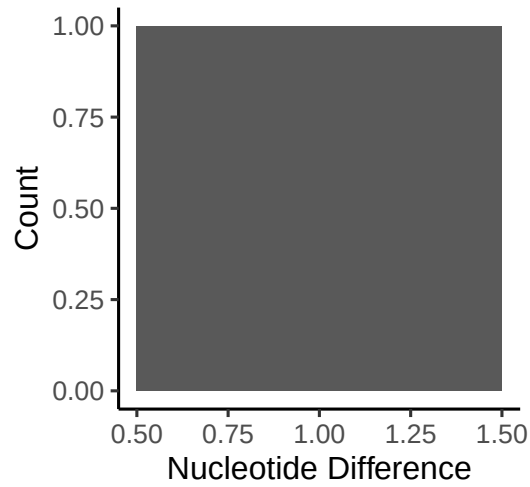
IGHV2−5*02

293 sequences assigned
266 (90.8%) exact matches, in which:
263 unique CDR3
6 unique J



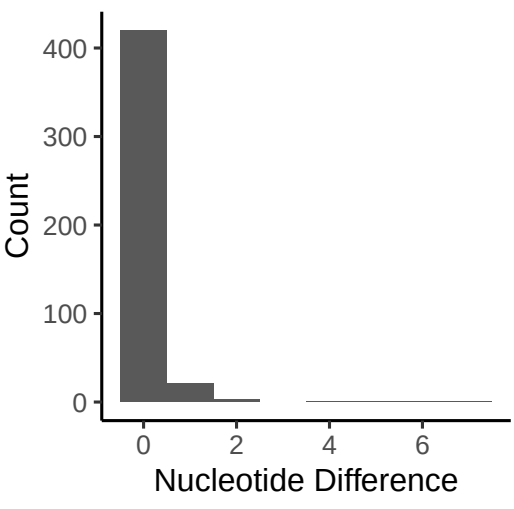
IGHV2−70D*04

1 sequences assigned
No exact matches.



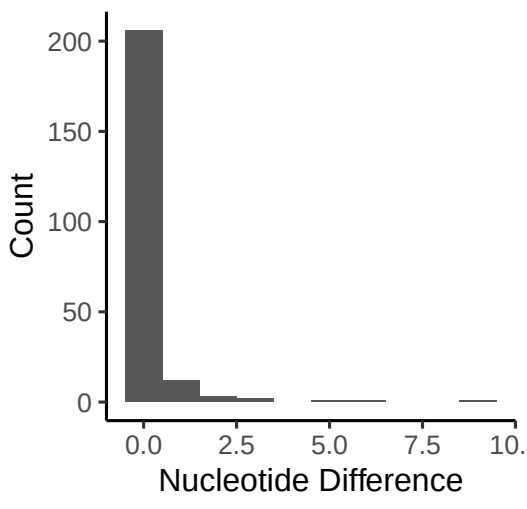
IGHV1−69*08_C191T

448 sequences assigned
420 (93.8%) exact matches, in which:
401 unique CDR3
6 unique J



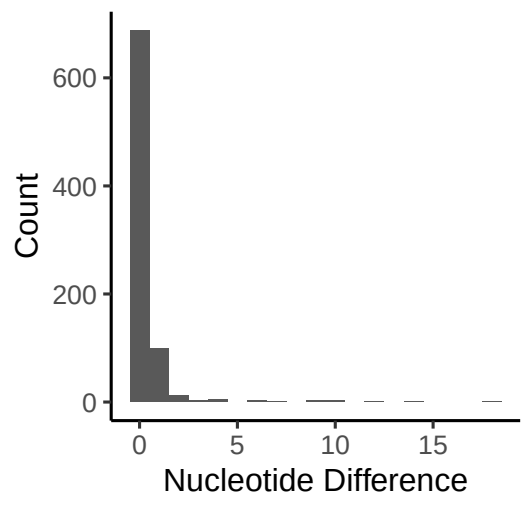
IGHV2−26*01

226 sequences assigned
206 (91.2%) exact matches, in which:
203 unique CDR3
6 unique J



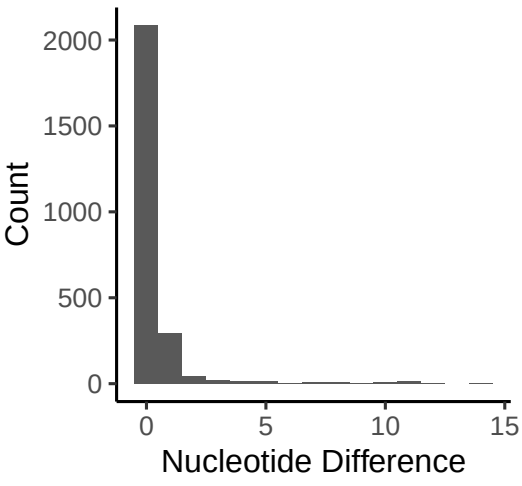
IGHV3−7*01

816 sequences assigned
688 (84.3%) exact matches, in which:
667 unique CDR3
6 unique J



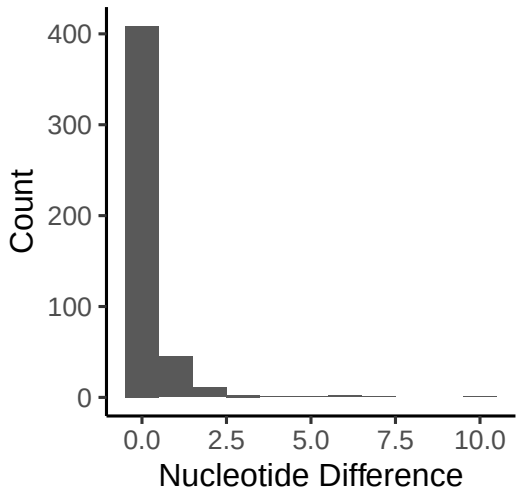
IGHV3−9*01

2509 sequences assigned
2085 (83.1%) exact matches, in which:
1975 unique CDR3
6 unique J



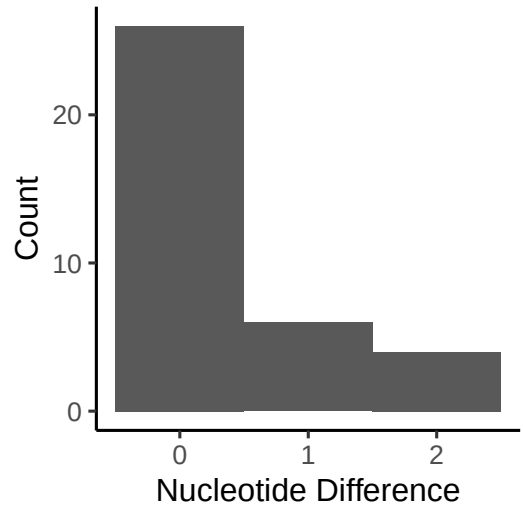
IGHV3−15*01

475 sequences assigned
409 (86.1%) exact matches, in which:
392 unique CDR3
6 unique J



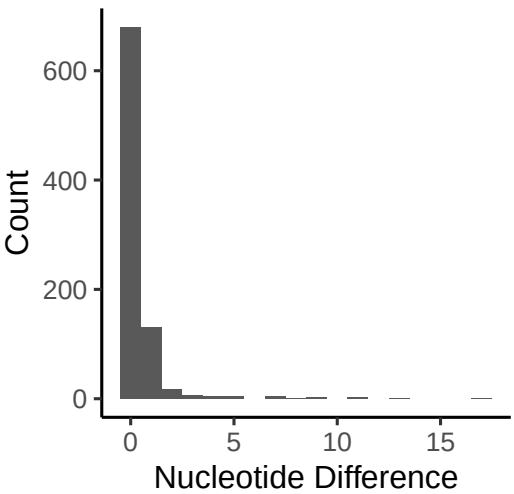
IGHV3−20*04

36 sequences assigned
26 (72.2%) exact matches, in which:
25 unique CDR3
3 unique J



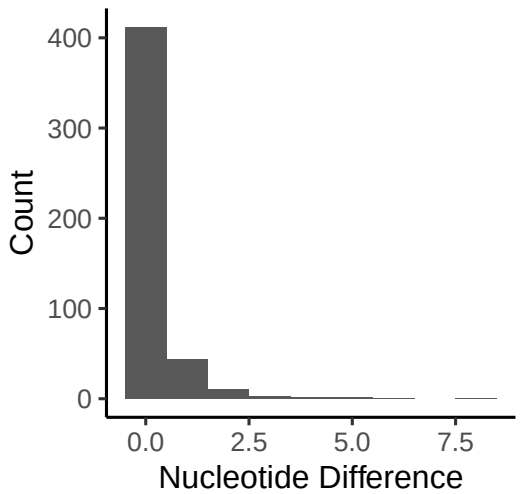
IGHV3−11*01

855 sequences assigned
680 (79.5%) exact matches, in which:
650 unique CDR3
6 unique J



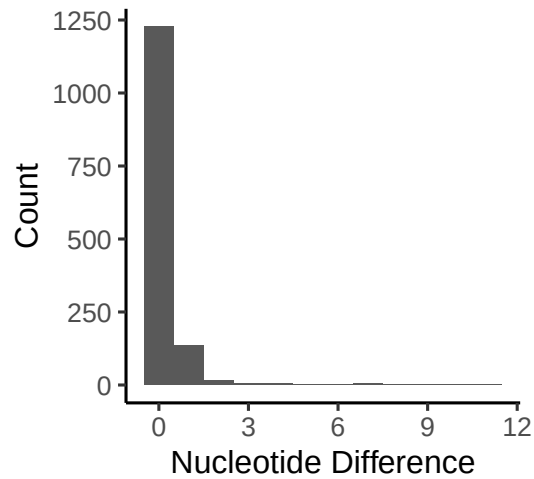
IGHV3−15*07

475 sequences assigned
412 (86.7%) exact matches, in which:
398 unique CDR3
6 unique J



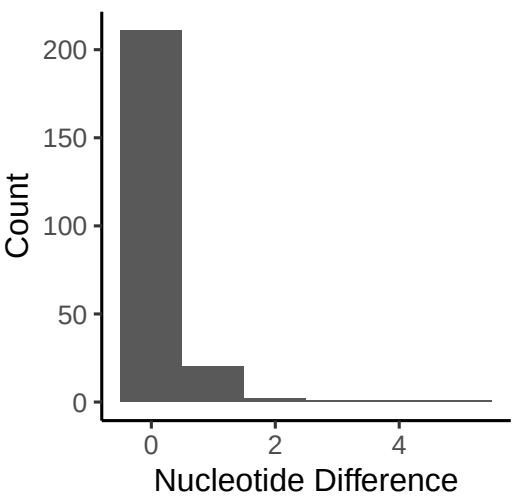
IGHV3−21*01

1404 sequences assigned
1227 (87.4%) exact matches, in which:
1155 unique CDR3
6 unique J



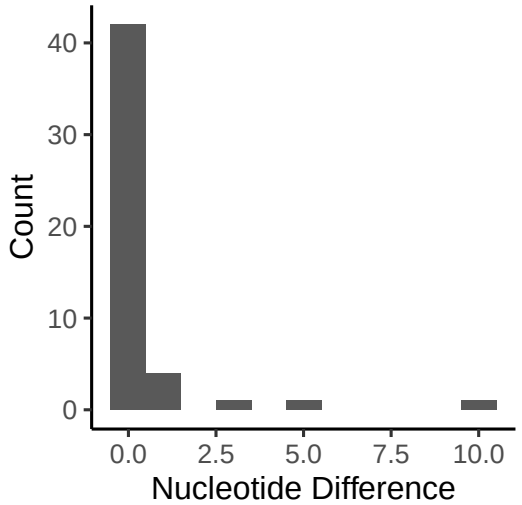
IGHV3−13*01

240 sequences assigned
211 (87.9%) exact matches, in which:
198 unique CDR3
6 unique J



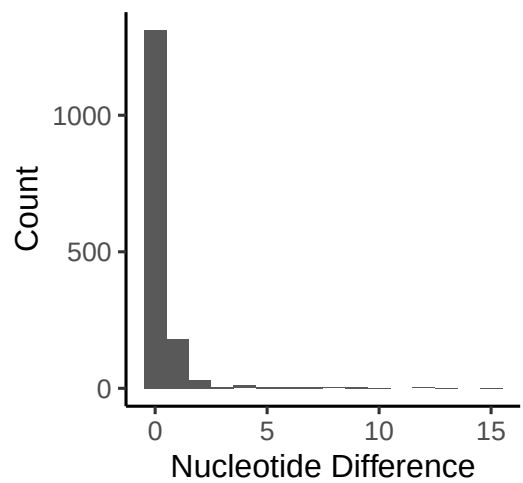
IGHV3−20*01

49 sequences assigned
42 (85.7%) exact matches, in which:
39 unique CDR3
5 unique J



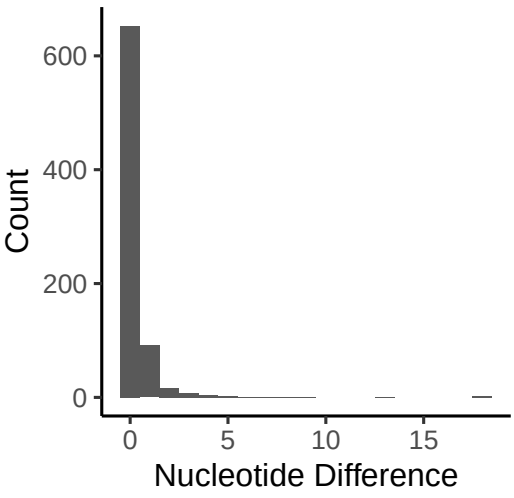
IGHV3−30−3*01

1565 sequences assigned
1312 (83.8%) exact matches, in which:
1232 unique CDR3
6 unique J



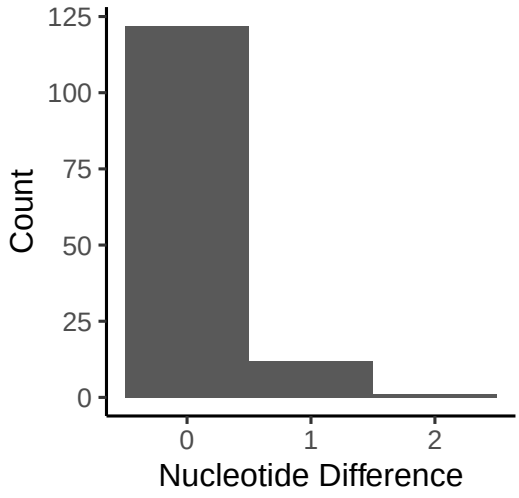
IGHV3−33*01

782 sequences assigned
653 (83.5%) exact matches, in which:
615 unique CDR3
6 unique J



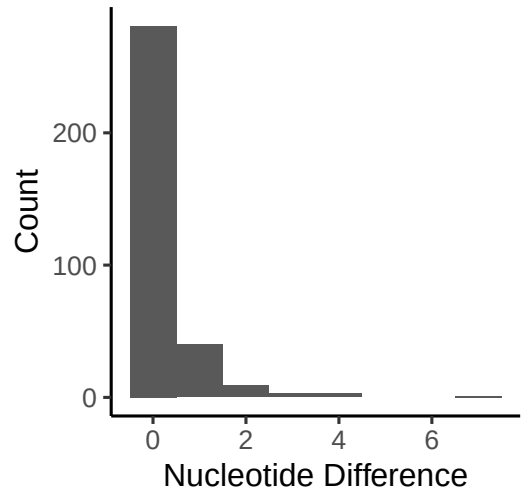
IGHV3−43*01

135 sequences assigned
122 (90.4%) exact matches, in which:
116 unique CDR3
6 unique J



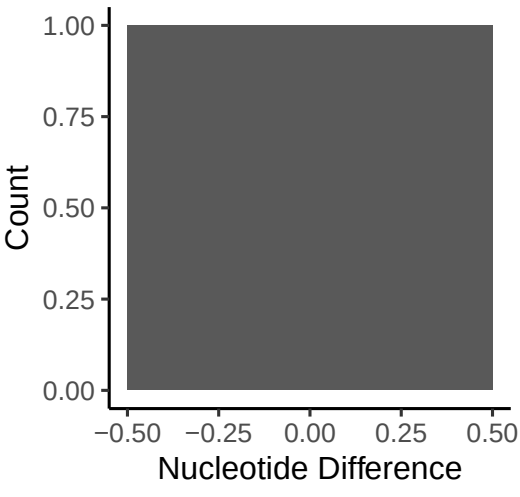
IGHV3−49*03

337 sequences assigned
281 (83.4%) exact matches, in which:
267 unique CDR3
6 unique J



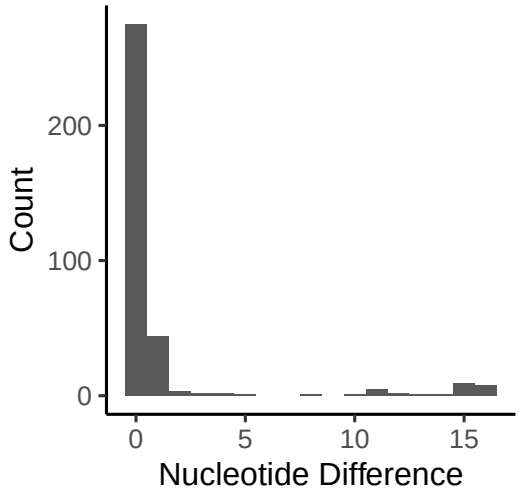
IGHV3−38−3*01

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



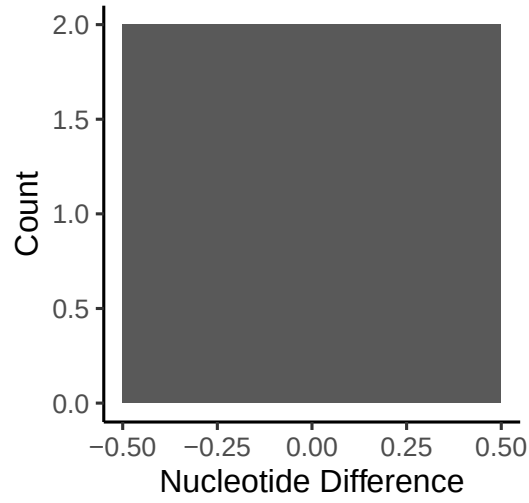
IGHV3−48*01

355 sequences assigned
275 (77.5%) exact matches, in which:
269 unique CDR3
6 unique J



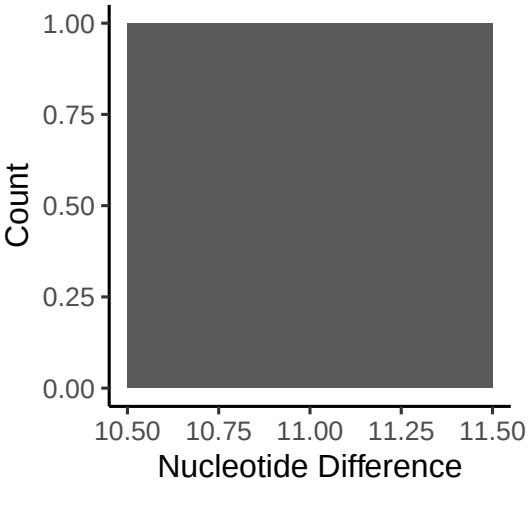
IGHV3−52*01

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



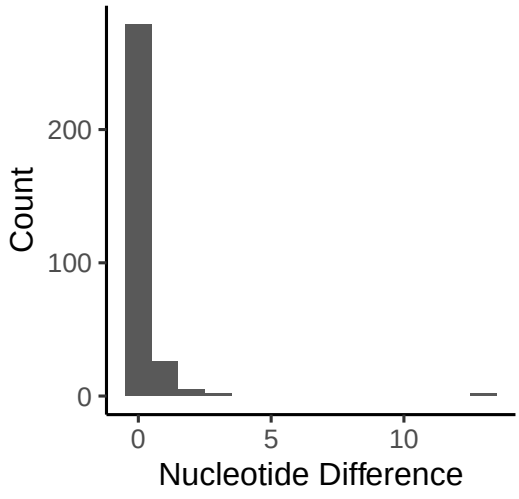
IGHV3−38*01

1 sequences assigned
No exact matches.



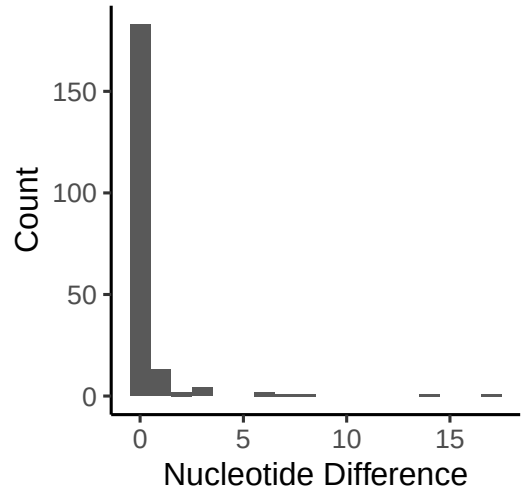
IGHV3−48*04

314 sequences assigned
279 (88.9%) exact matches, in which:
264 unique CDR3
6 unique J



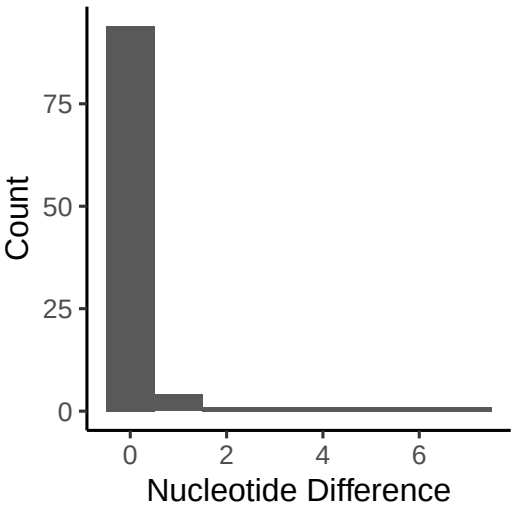
IGHV3−53*01

209 sequences assigned
183 (87.6%) exact matches, in which:
177 unique CDR3
6 unique J



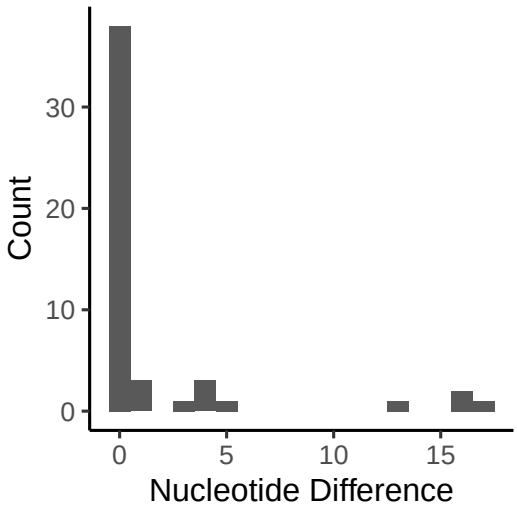
IGHV3−53*02

104 sequences assigned
94 (90.4%) exact matches, in which:
91 unique CDR3
6 unique J



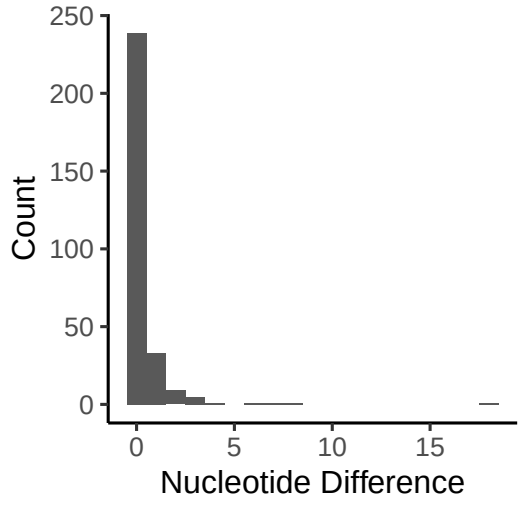
IGHV3−72*01

50 sequences assigned
38 (76%) exact matches, in which:
38 unique CDR3
4 unique J



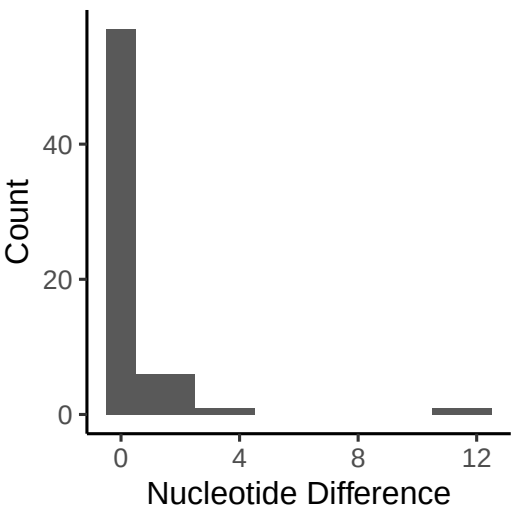
IGHV3−74*01

291 sequences assigned
239 (82.1%) exact matches, in which:
225 unique CDR3
6 unique J



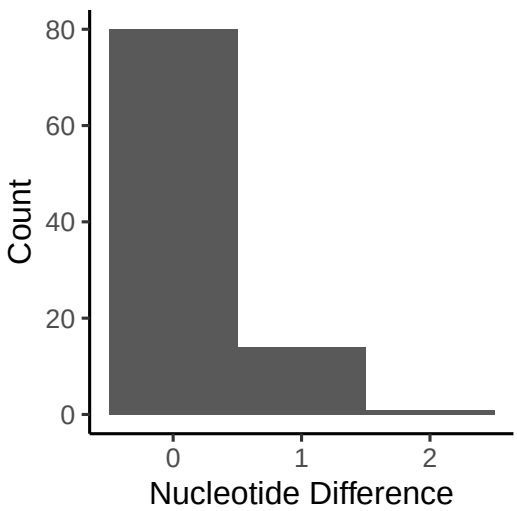
IGHV3−64*01

73 sequences assigned
57 (78.1%) exact matches, in which:
52 unique CDR3
5 unique J



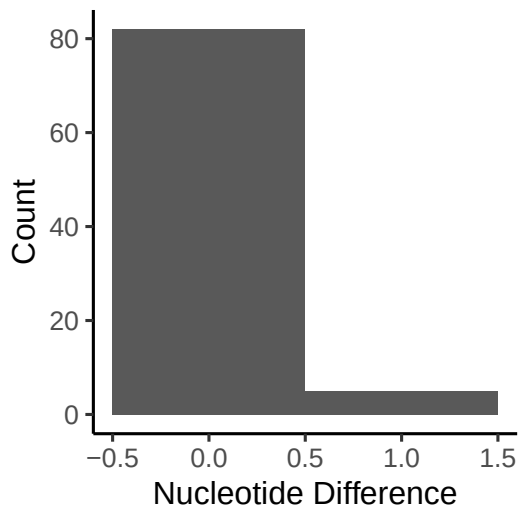
IGHV3−73*01

95 sequences assigned
80 (84.2%) exact matches, in which:
78 unique CDR3
5 unique J



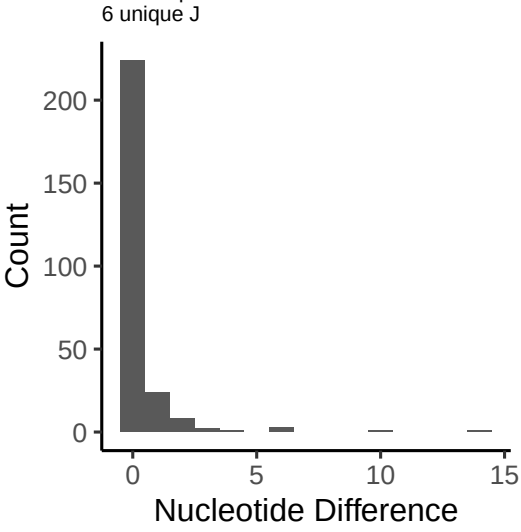
IGHV3−43D*03

87 sequences assigned
82 (94.3%) exact matches, in which:
79 unique CDR3
5 unique J



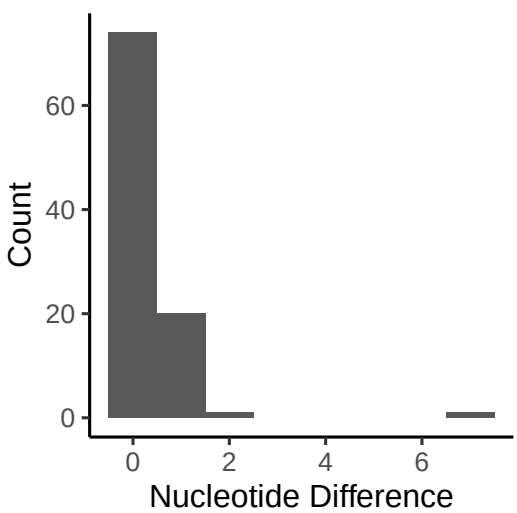
IGHV3−66*02

264 sequences assigned
224 (84.8%) exact matches, in which:
215 unique CDR3
6 unique J



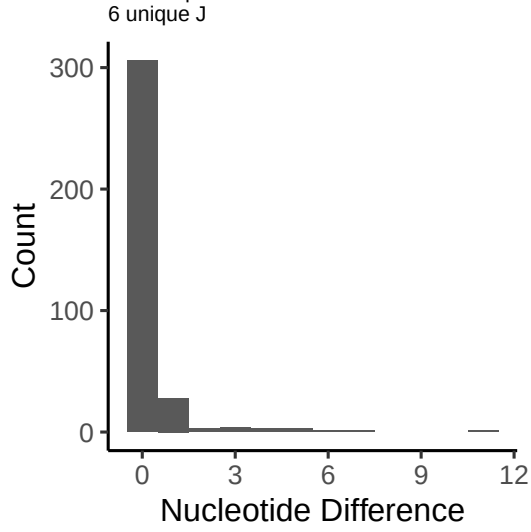
IGHV3−73*02

96 sequences assigned
74 (77.1%) exact matches, in which:
72 unique CDR3
4 unique J



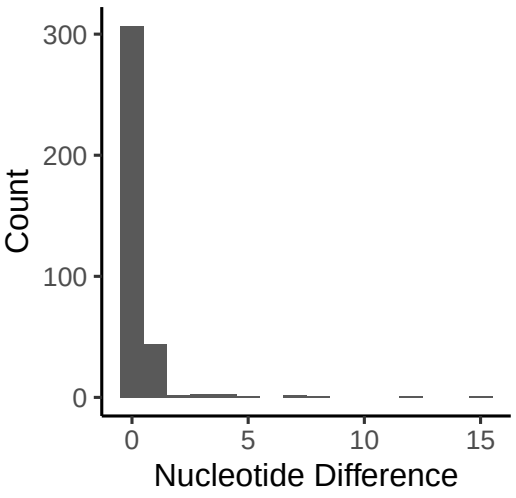
IGHV4−4*02

350 sequences assigned
306 (87.4%) exact matches, in which:
298 unique CDR3
6 unique J



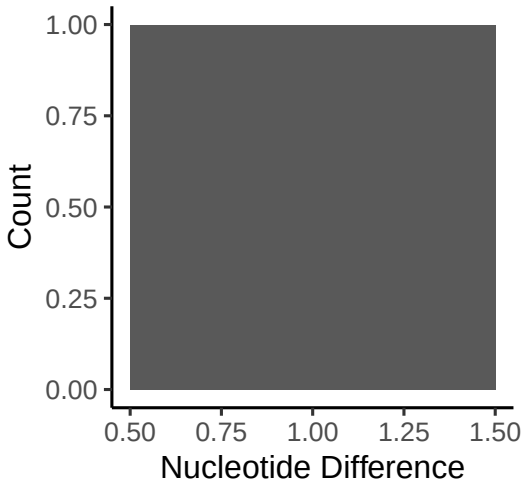
IGHV4−4*07

365 sequences assigned
307 (84.1%) exact matches, in which:
299 unique CDR3
6 unique J



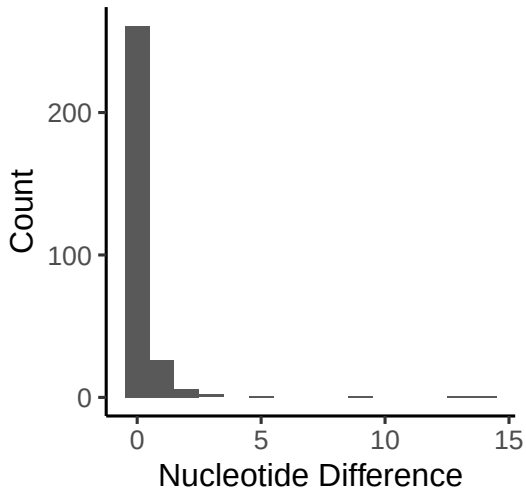
IGHV4−28*04

1 sequences assigned
No exact matches.



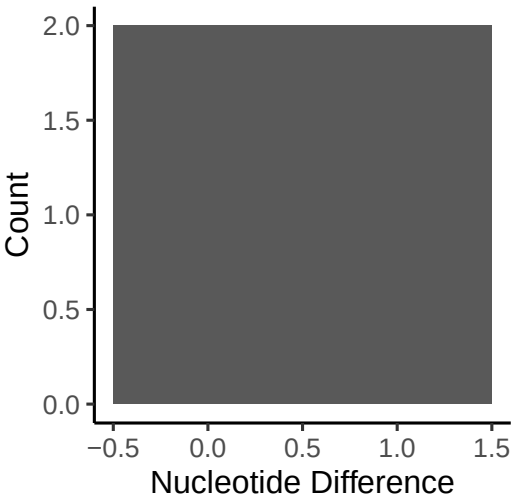
IGHV4−31*03

299 sequences assigned
261 (87.3%) exact matches, in which:
252 unique CDR3
6 unique J



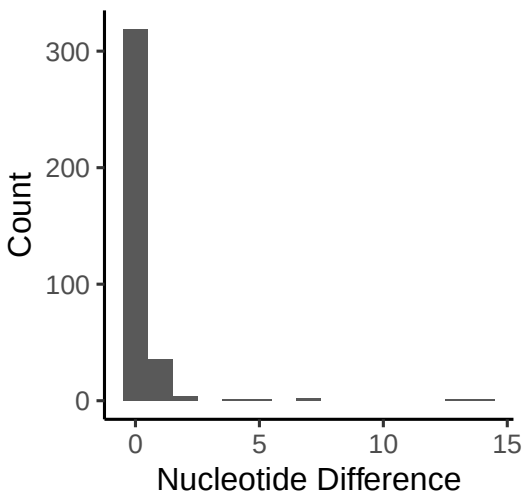
IGHV4−28*01

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



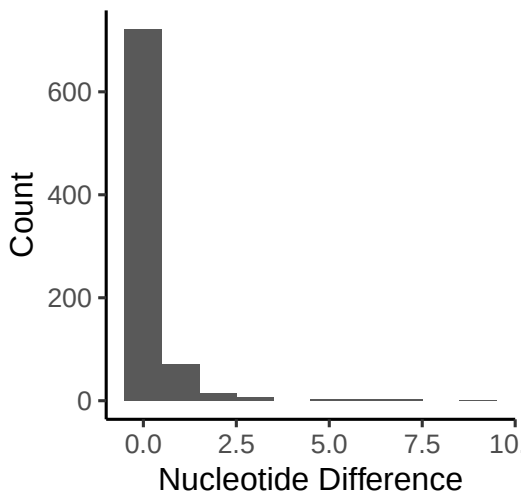
IGHV4−30−2*01

365 sequences assigned
319 (87.4%) exact matches, in which:
314 unique CDR3
6 unique J



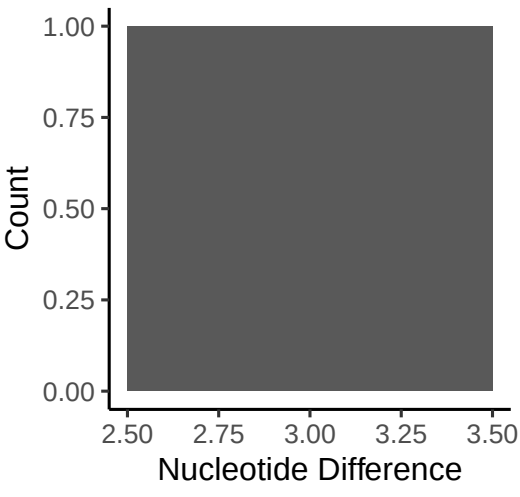
IGHV4−34*01

820 sequences assigned
722 (88%) exact matches, in which:
699 unique CDR3
6 unique J



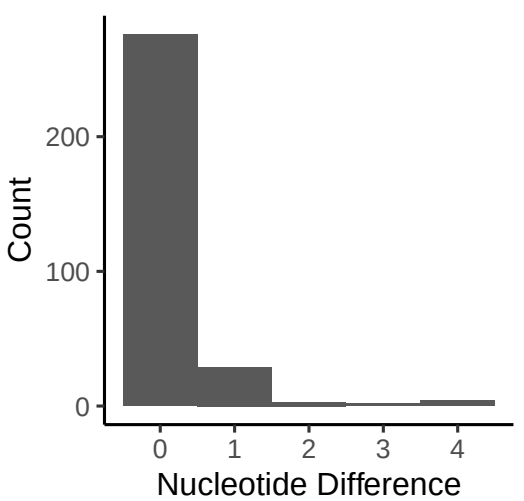
IGHV4−28*03

1 sequences assigned
No exact matches.



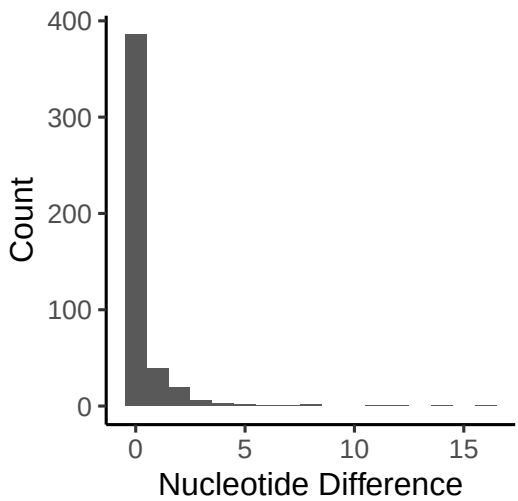
IGHV4−30−4*01

314 sequences assigned
276 (87.9%) exact matches, in which:
272 unique CDR3
6 unique J



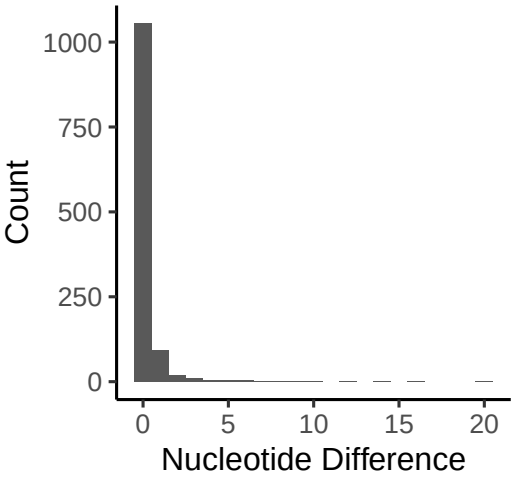
IGHV4−38−2*02

472 sequences assigned
386 (81.8%) exact matches, in which:
373 unique CDR3
6 unique J



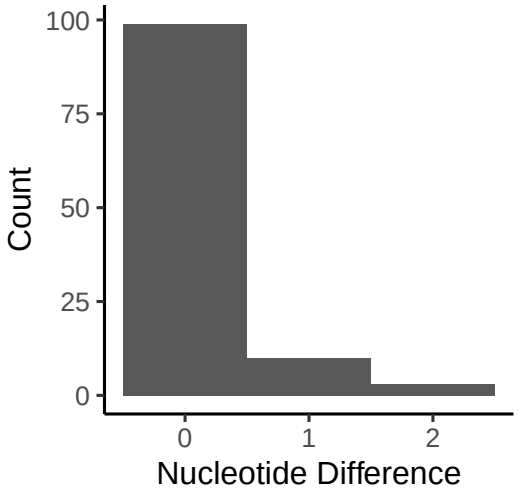
IGHV4−39*01

1196 sequences assigned
1055 (88.2%) exact matches, in which:
995 unique CDR3
6 unique J



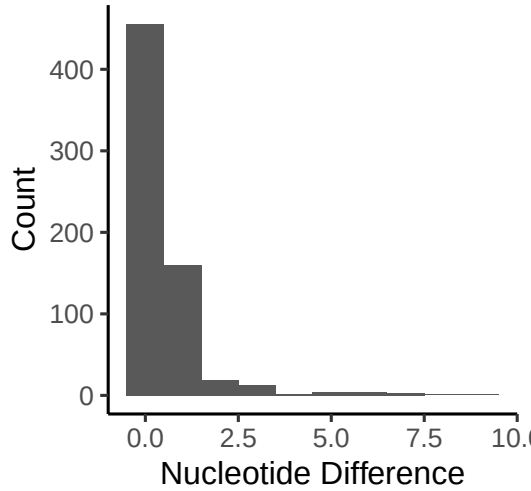
IGHV4−61*01

112 sequences assigned
99 (88.4%) exact matches, in which:
99 unique CDR3
6 unique J



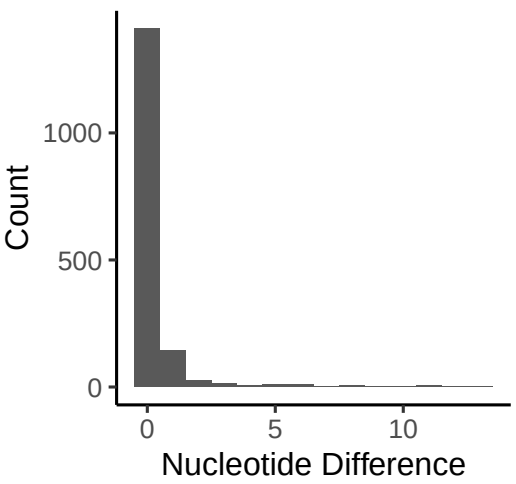
IGHV5−51*01

663 sequences assigned
456 (68.8%) exact matches, in which:
442 unique CDR3
6 unique J



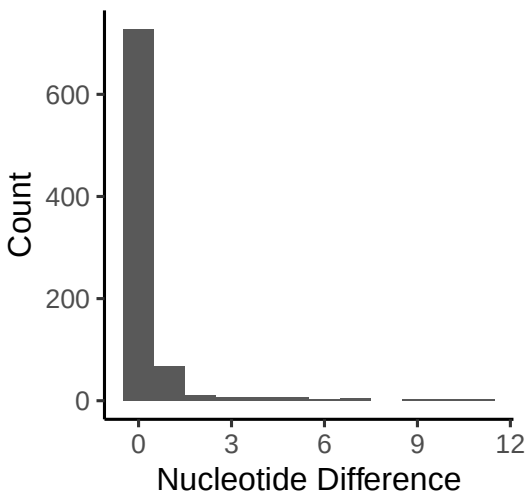
IGHV4−39*07

1638 sequences assigned
1410 (86.1%) exact matches, in which:
1353 unique CDR3
6 unique J



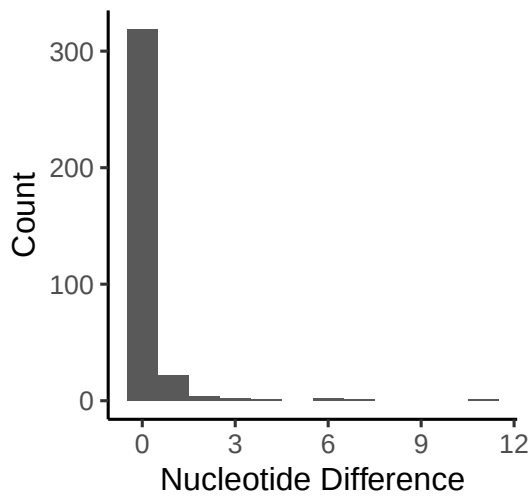
IGHV4−61*02

841 sequences assigned
728 (86.6%) exact matches, in which:
701 unique CDR3
6 unique J



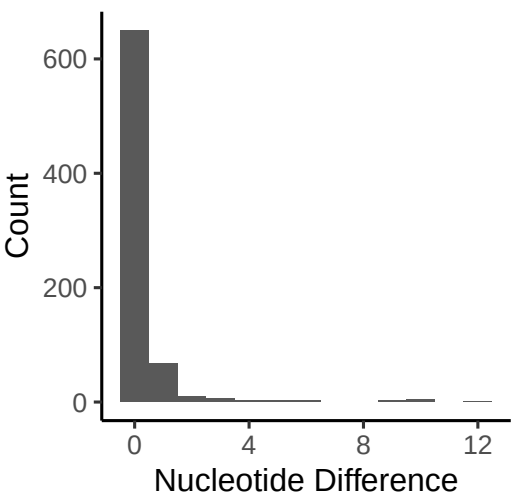
IGHV5−51*03

352 sequences assigned
319 (90.6%) exact matches, in which:
308 unique CDR3
6 unique J



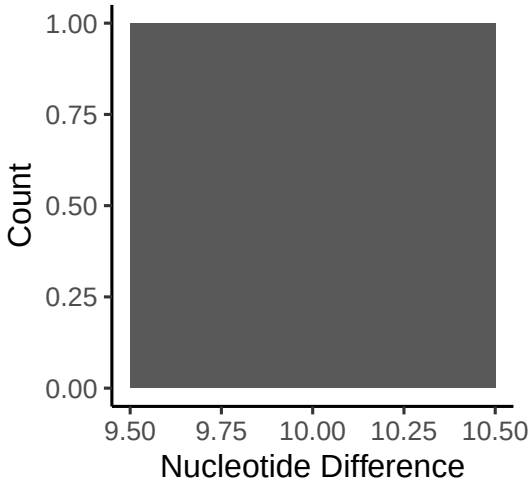
IGHV4−59*01

748 sequences assigned
650 (86.9%) exact matches, in which:
641 unique CDR3
6 unique J



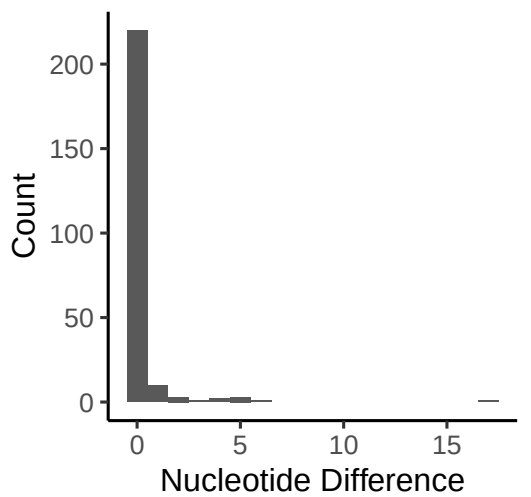
IGHV1/OR15−4*01

1 sequences assigned
No exact matches.



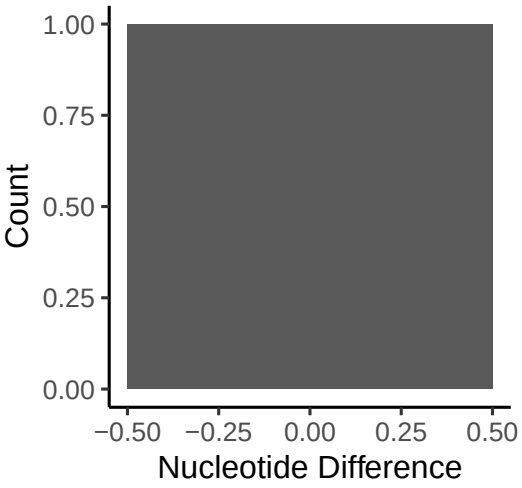
IGHV6−1*01

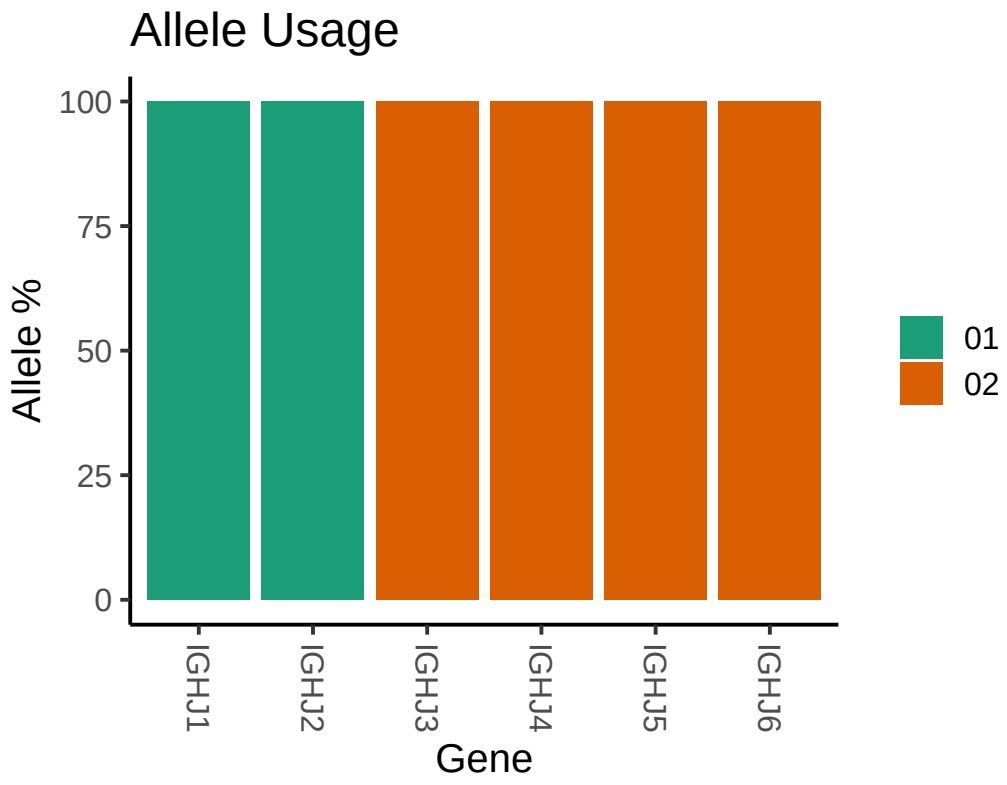
241 sequences assigned
220 (91.3%) exact matches, in which:
211 unique CDR3
6 unique J



IGHV3/OR16−12*01

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




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

Warning − no inferred sequences found.