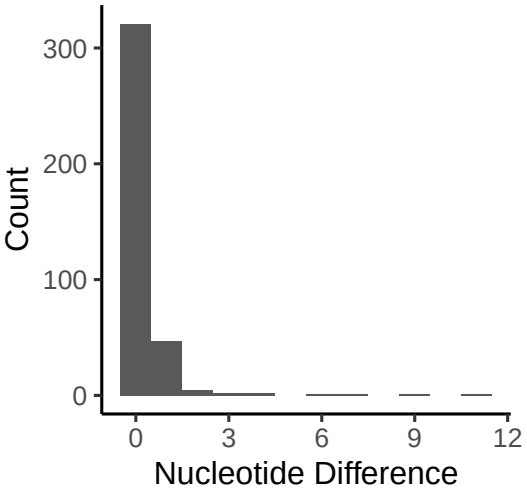
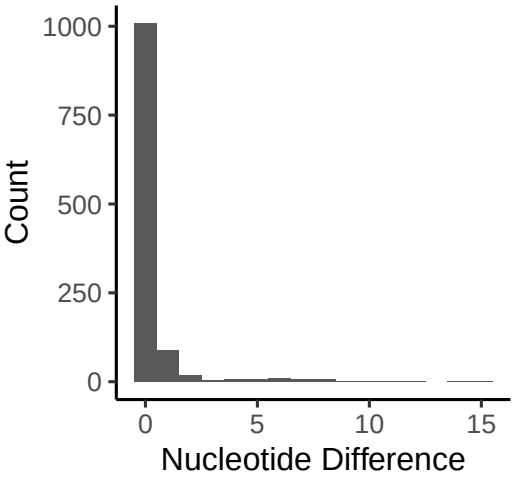
IGHV1−2*04

381 sequences assigned
321 (84.3%) exact matches, in which:
282 unique CDR3
7 unique J



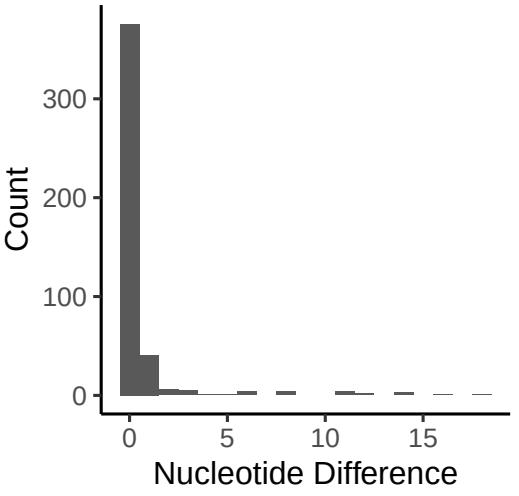
IGHV1−18*01

1163 sequences assigned
1008 (86.7%) exact matches, in which:
931 unique CDR3
7 unique J



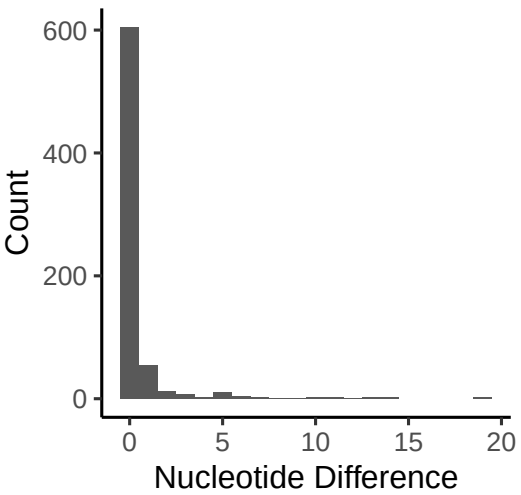
IGHV1−46*01

449 sequences assigned
376 (83.7%) exact matches, in which:
340 unique CDR3
7 unique J



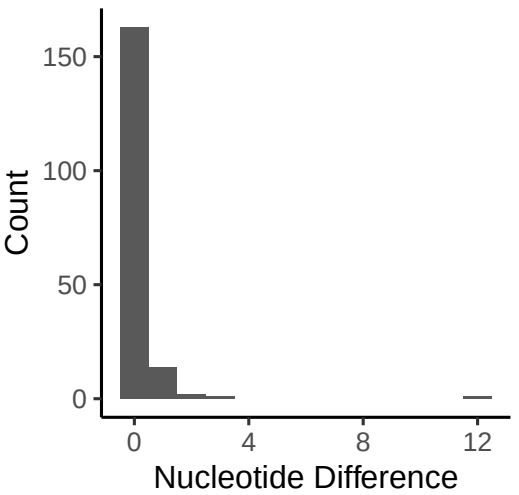
IGHV1−3*01

719 sequences assigned
605 (84.1%) exact matches, in which:
554 unique CDR3
7 unique J



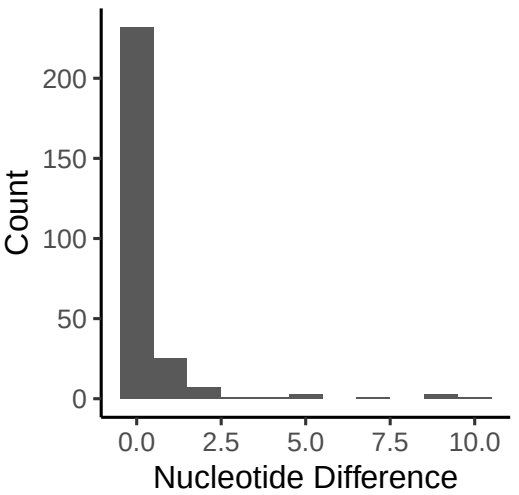
IGHV1−24*01

182 sequences assigned
163 (89.6%) exact matches, in which:
154 unique CDR3
7 unique J



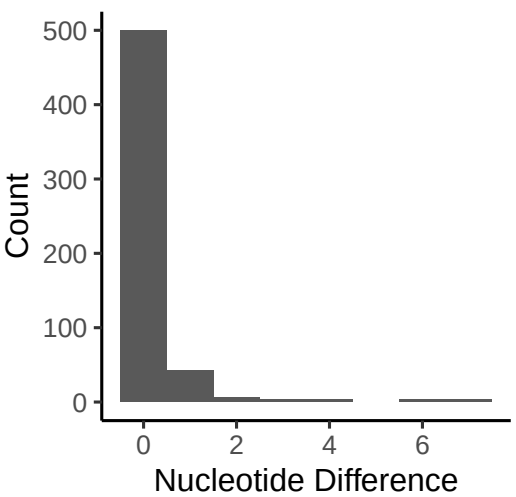
IGHV1−46*03

274 sequences assigned
232 (84.7%) exact matches, in which:
208 unique CDR3
6 unique J



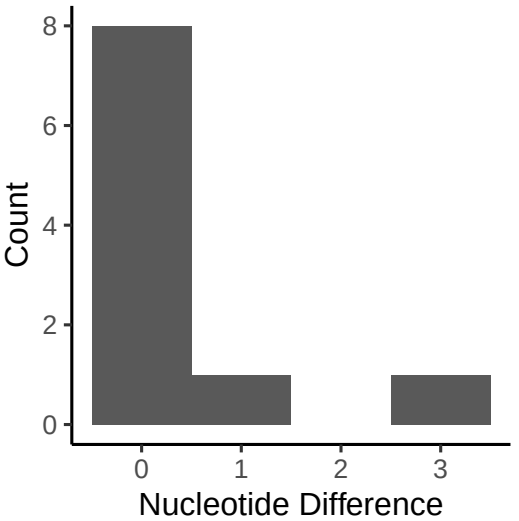
IGHV1−8*01

560 sequences assigned
500 (89.3%) exact matches, in which:
459 unique CDR3
7 unique J



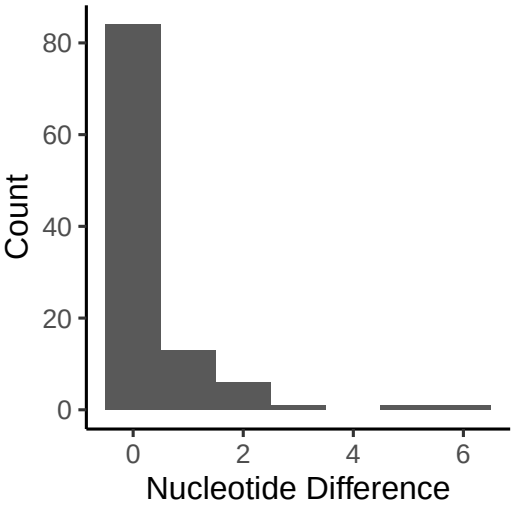
IGHV1−45*02

10 sequences assigned
8 (80%) exact matches, in which:
7 unique CDR3
2 unique J



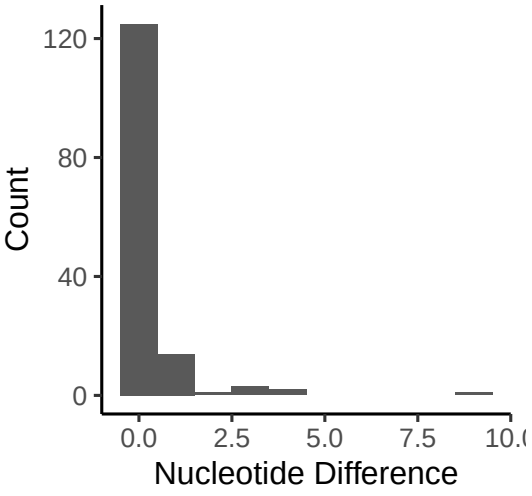
IGHV1−58*01

115 sequences assigned
84 (73%) exact matches, in which:
79 unique CDR3
7 unique J



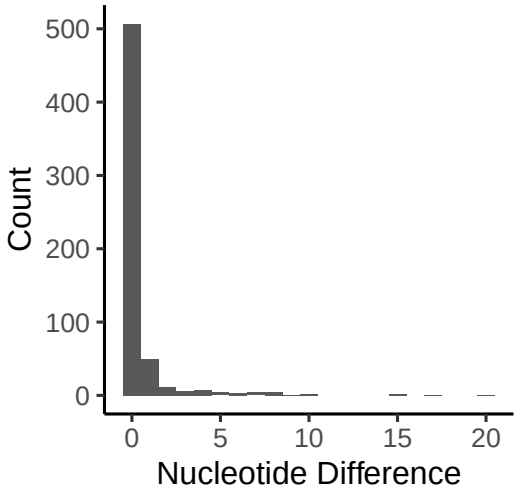
IGHV1−69−2*01

147 sequences assigned
125 (85%) exact matches, in which:
114 unique CDR3
6 unique J



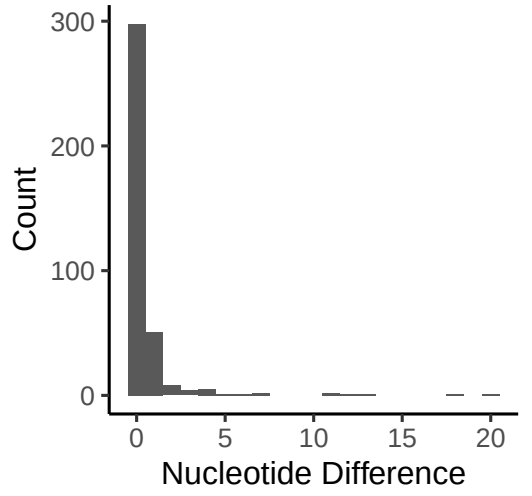
IGHV2−5*02

605 sequences assigned
507 (83.8%) exact matches, in which:
472 unique CDR3
7 unique J



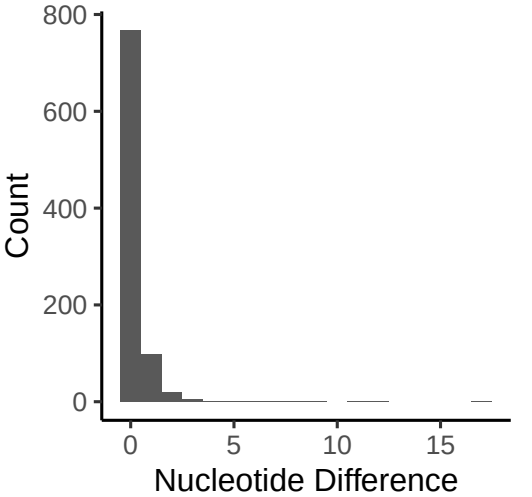
IGHV3−7*01

386 sequences assigned
298 (77.2%) exact matches, in which:
282 unique CDR3
7 unique J



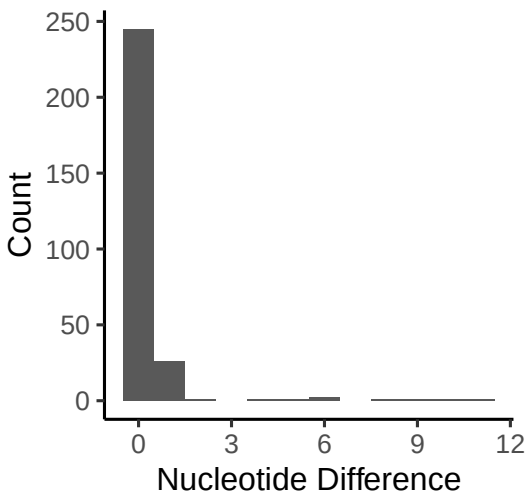
IGHV1−69*06

903 sequences assigned
768 (85%) exact matches, in which:
689 unique CDR3
7 unique J



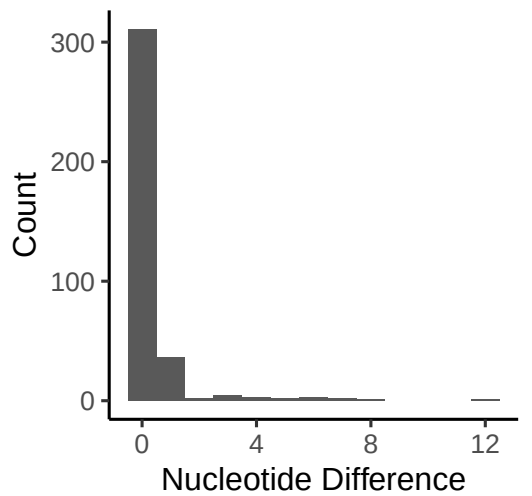
IGHV2−26*01

280 sequences assigned
245 (87.5%) exact matches, in which:
228 unique CDR3
6 unique J



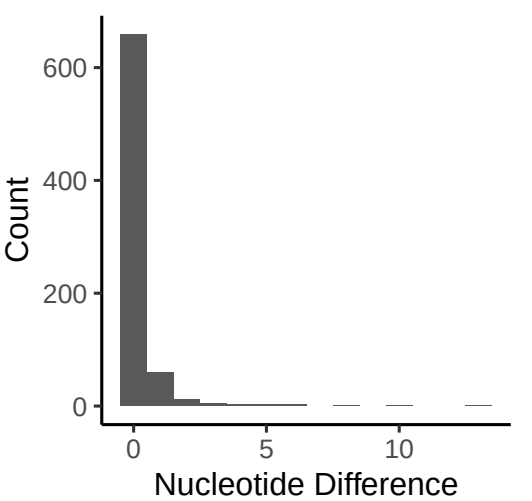
IGHV3−7*03

367 sequences assigned
311 (84.7%) exact matches, in which:
283 unique CDR3
7 unique J



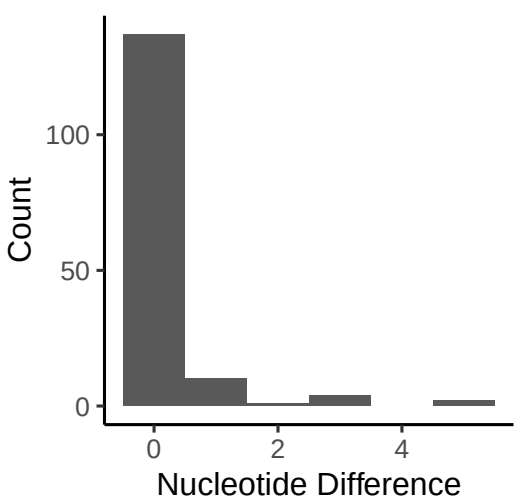
IGHV1−69*09

746 sequences assigned
659 (88.3%) exact matches, in which:
596 unique CDR3
6 unique J



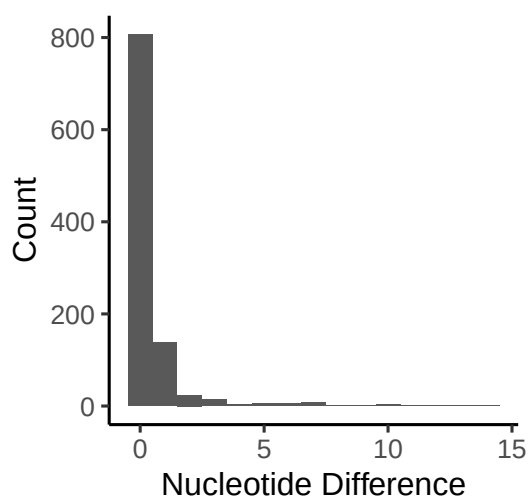
IGHV2−70*01

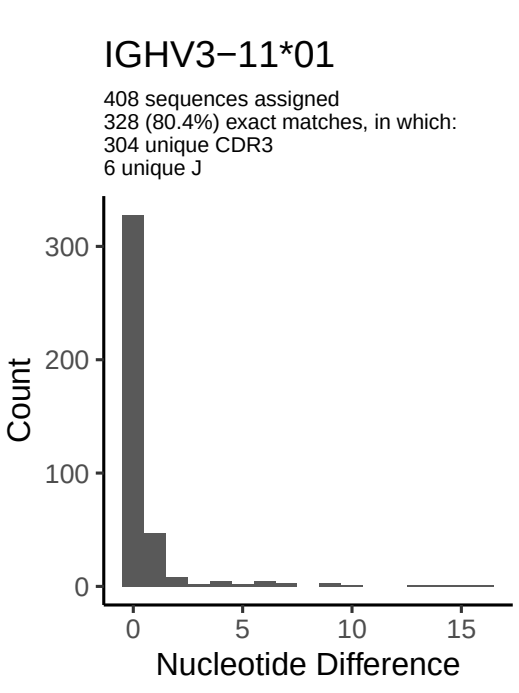
154 sequences assigned
137 (89%) exact matches, in which:
131 unique CDR3
6 unique J

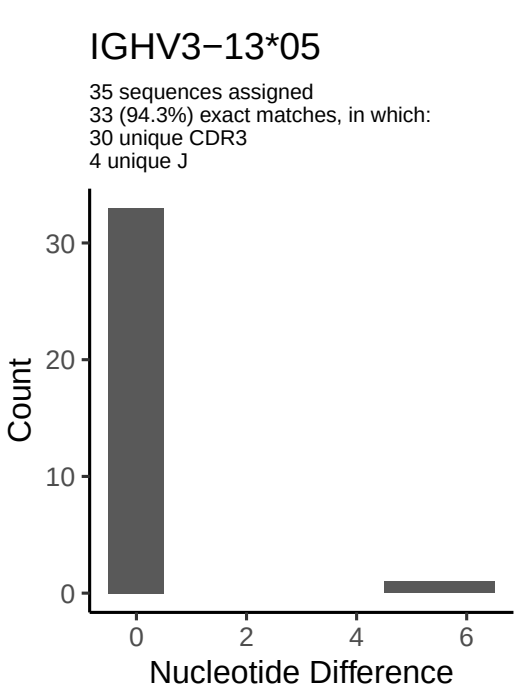


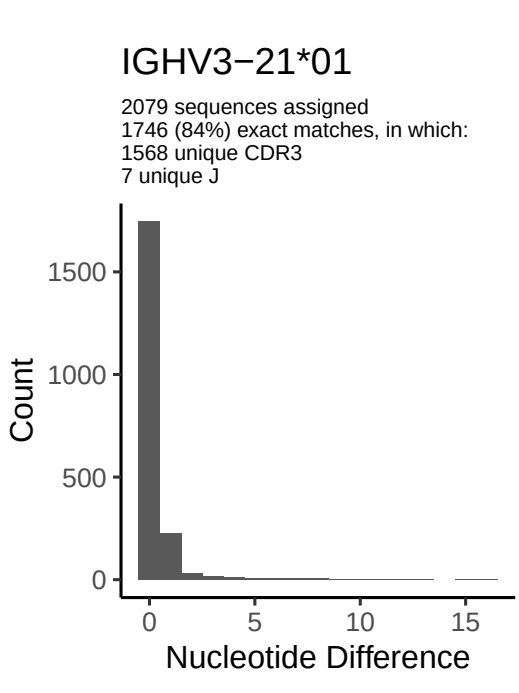
IGHV3−9*01

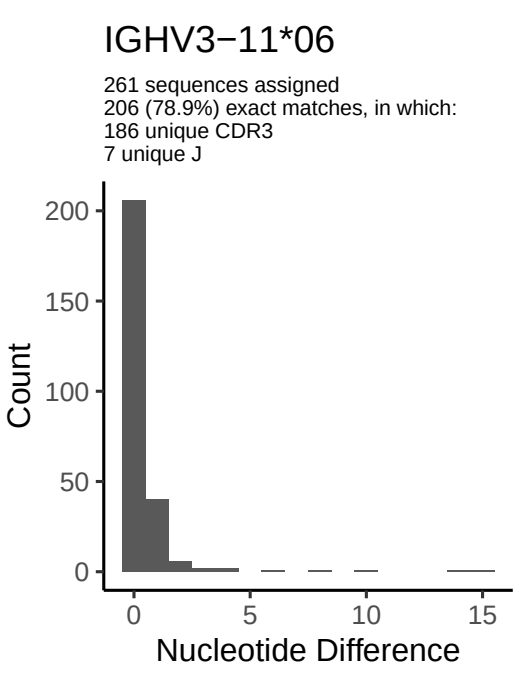
1018 sequences assigned
807 (79.3%) exact matches, in which:
721 unique CDR3
6 unique J

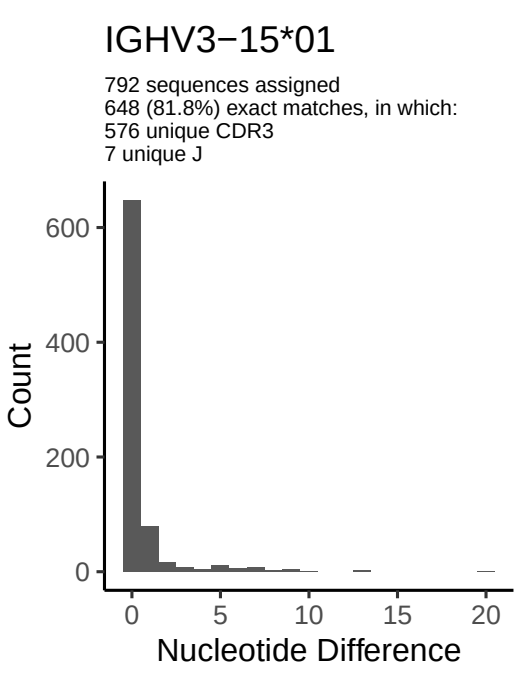


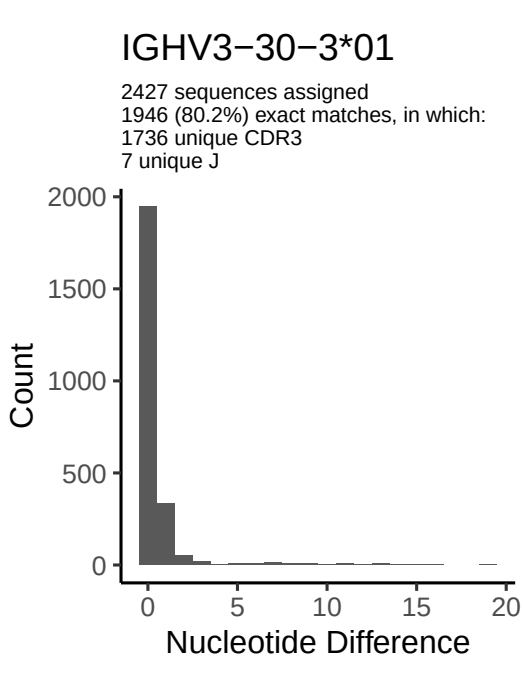

IGHV3−11*01
408 sequences assigned
328 (80.4%) exact matches, in which:
304 unique CDR3
6 unique J
Count
Nucleotide Difference

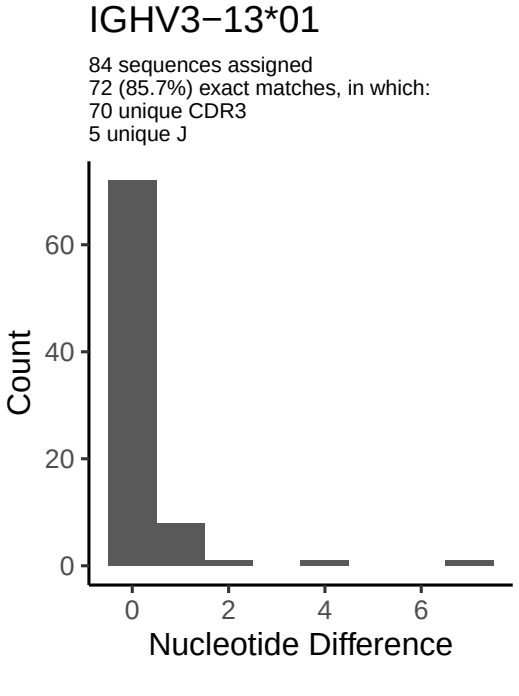

IGHV3−13*05
35 sequences assigned
33 (94.3%) exact matches, in which:
30 unique CDR3
4 unique J
Count
Nucleotide Difference

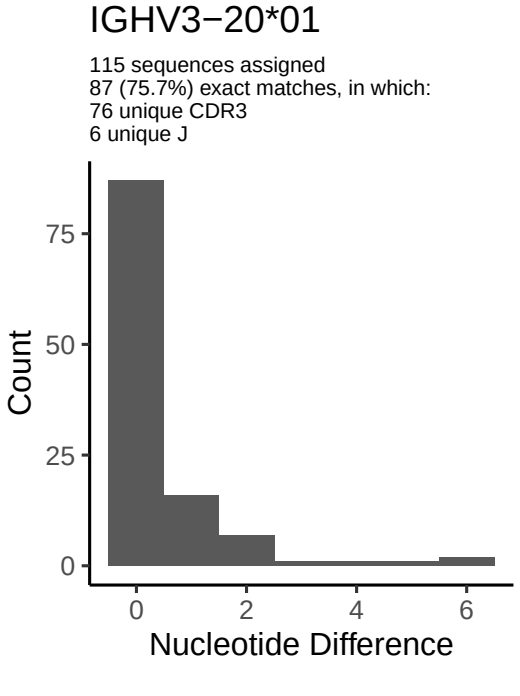

IGHV3−21*01
2079 sequences assigned
1746 (84%) exact matches, in which:
1568 unique CDR3
7 unique J
Count
Nucleotide Difference

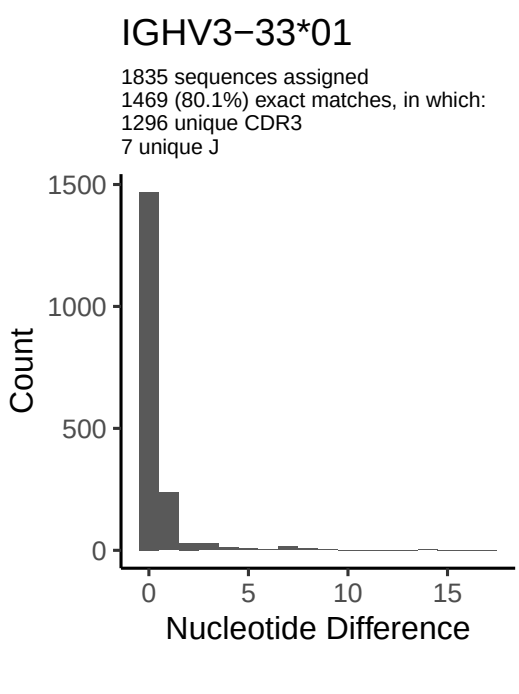

IGHV3−11*06
261 sequences assigned
206 (78.9%) exact matches, in which:
186 unique CDR3
7 unique J
Count
Nucleotide Difference


IGHV3−15*01
792 sequences assigned
648 (81.8%) exact matches, in which:
576 unique CDR3
7 unique J
Count
Nucleotide Difference


IGHV3−30−3*01
2427 sequences assigned
1946 (80.2%) exact matches, in which:
1736 unique CDR3
7 unique J
Count
Nucleotide Difference

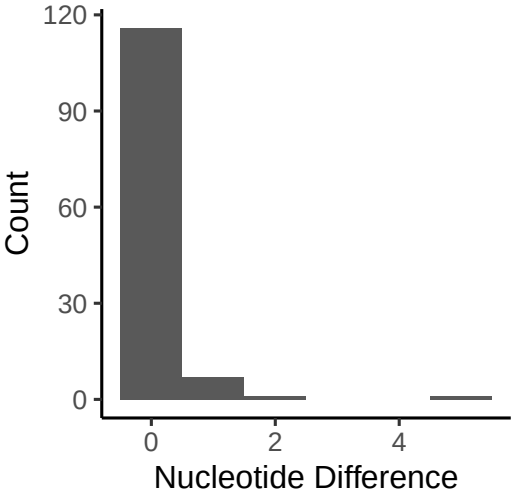

IGHV3−13*01
84 sequences assigned
72 (85.7%) exact matches, in which:
70 unique CDR3
5 unique J
Count
Nucleotide Difference


IGHV3−20*01
115 sequences assigned
87 (75.7%) exact matches, in which:
76 unique CDR3
6 unique J
Count
Nucleotide Difference


IGHV3−33*01
1835 sequences assigned
1469 (80.1%) exact matches, in which:
1296 unique CDR3
7 unique J
Count
Nucleotide Difference

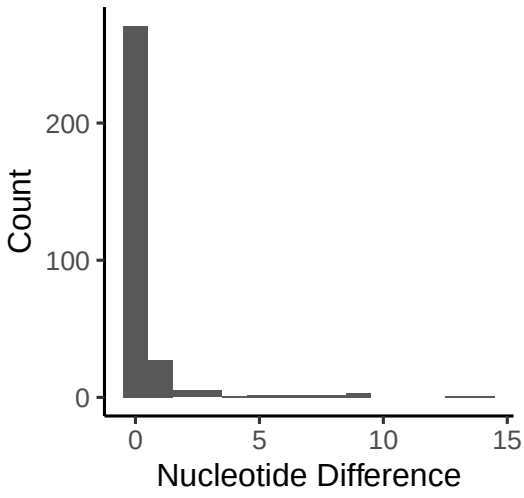
IGHV3−43*01

125 sequences assigned
116 (92.8%) exact matches, in which:
102 unique CDR3
7 unique J



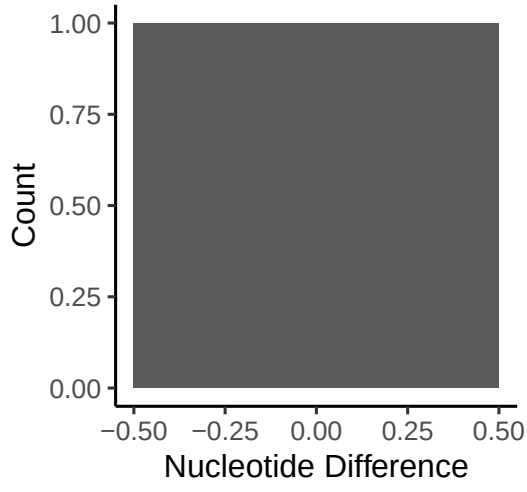
IGHV3−48*02

322 sequences assigned
271 (84.2%) exact matches, in which:
251 unique CDR3
7 unique J



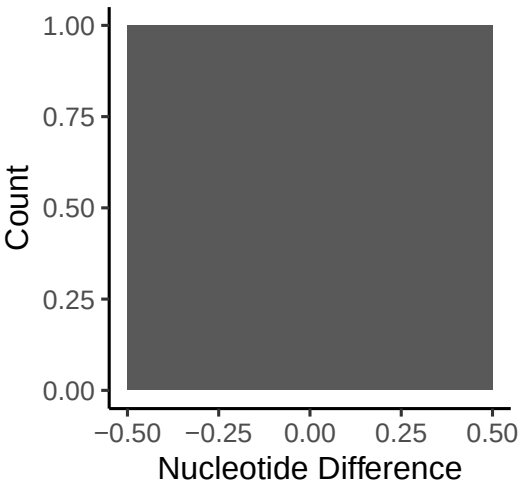
IGHV3−52*01

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



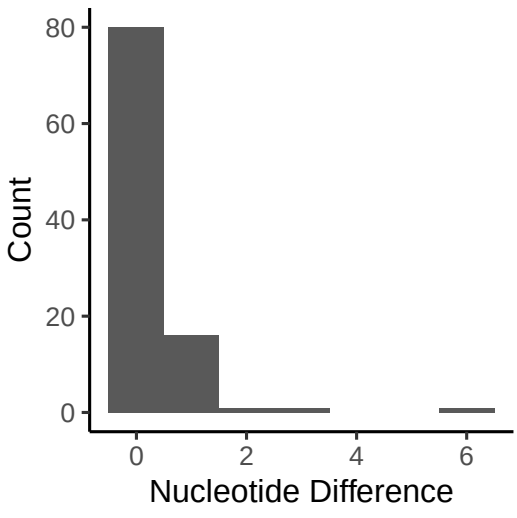
IGHV3−47*02

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



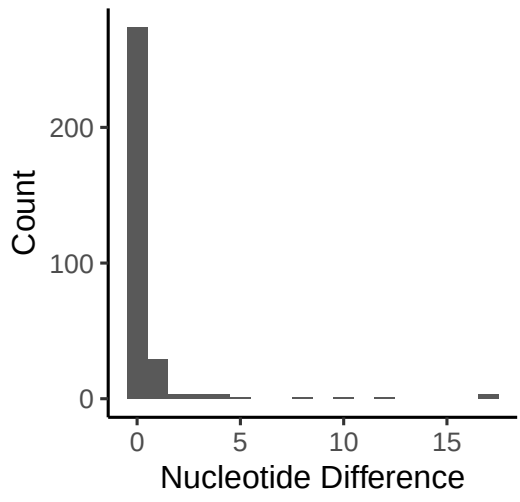
IGHV3−49*03

99 sequences assigned
80 (80.8%) exact matches, in which:
75 unique CDR3
6 unique J



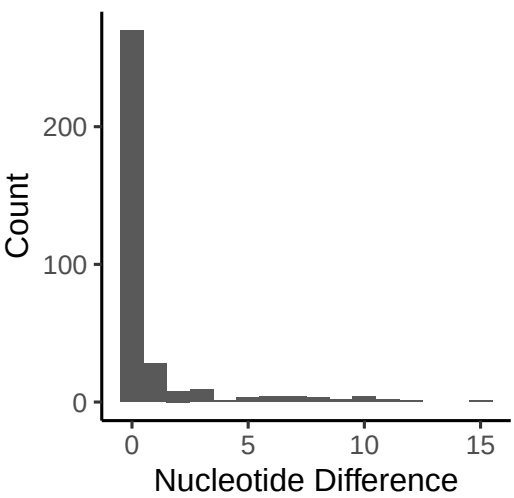
IGHV3−53*01

319 sequences assigned
274 (85.9%) exact matches, in which:
251 unique CDR3
7 unique J



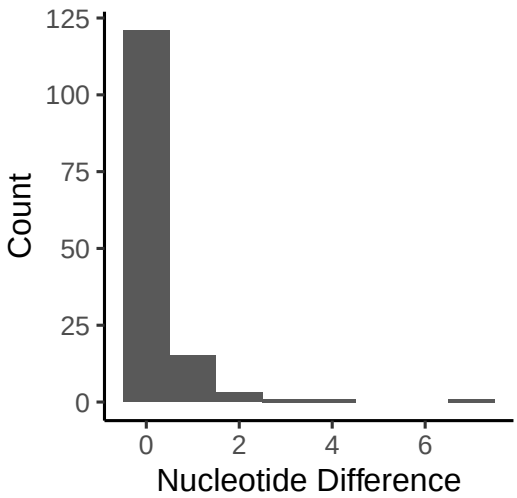
IGHV3−48*01

340 sequences assigned
270 (79.4%) exact matches, in which:
257 unique CDR3
7 unique J



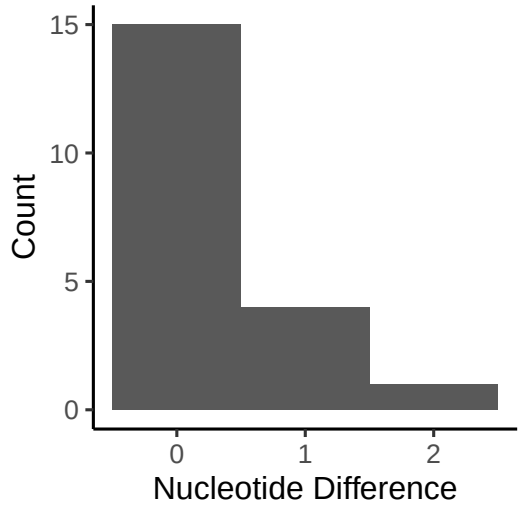
IGHV3−49*05

142 sequences assigned
121 (85.2%) exact matches, in which:
112 unique CDR3
5 unique J



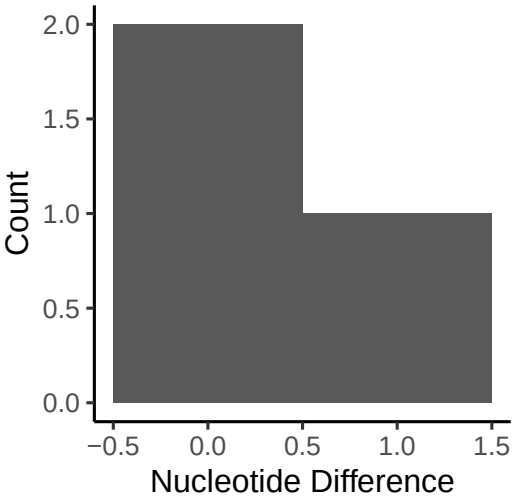
IGHV3−64*02

20 sequences assigned
15 (75%) exact matches, in which:
14 unique CDR3
4 unique J



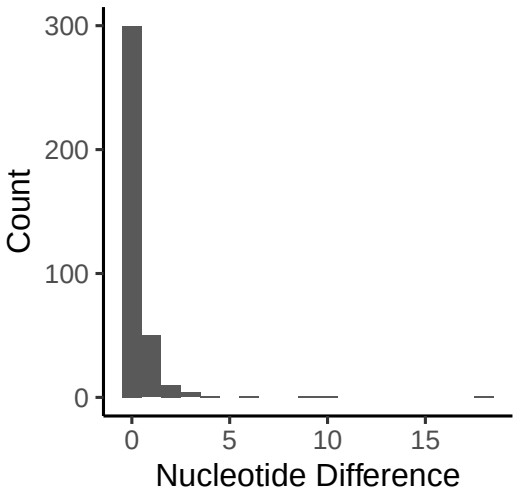
IGHV3−66*03

3 sequences assigned
2 (66.7%) exact matches, in which:
1 unique CDR3
1 unique J



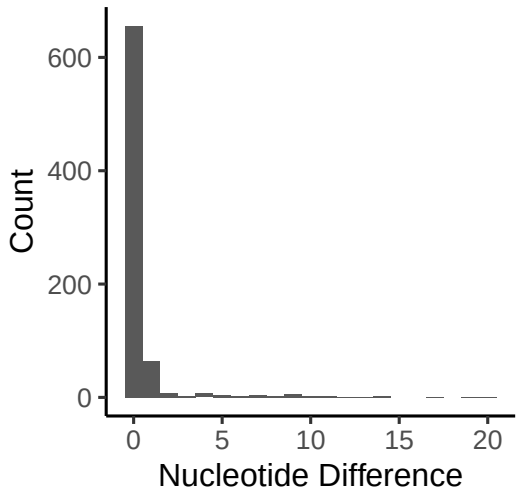
IGHV3−73*02

369 sequences assigned
300 (81.3%) exact matches, in which:
273 unique CDR3
7 unique J



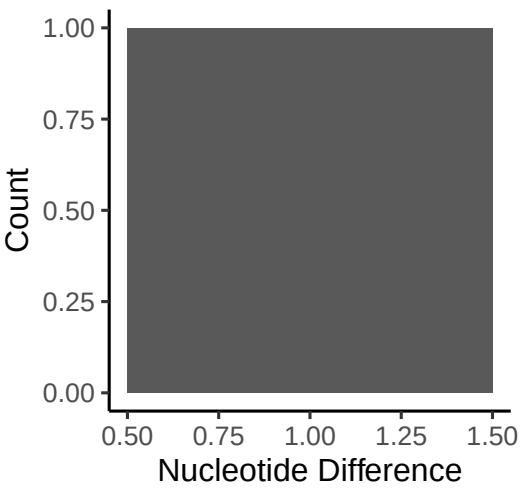
IGHV4−4*02

772 sequences assigned
656 (85%) exact matches, in which:
602 unique CDR3
7 unique J



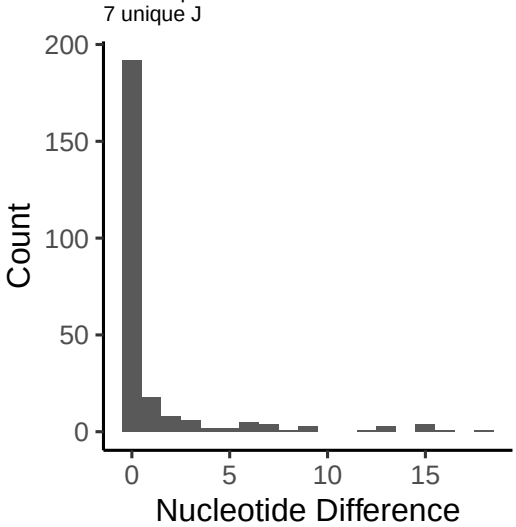
IGHV3−69−1*01

1 sequences assigned
No exact matches.



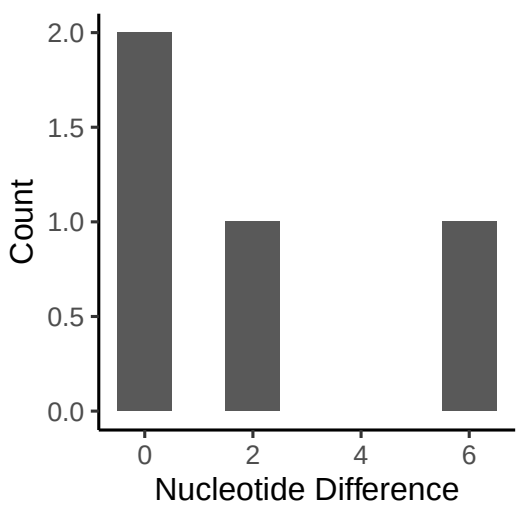
IGHV3−74*01

252 sequences assigned
192 (76.2%) exact matches, in which:
180 unique CDR3
7 unique J



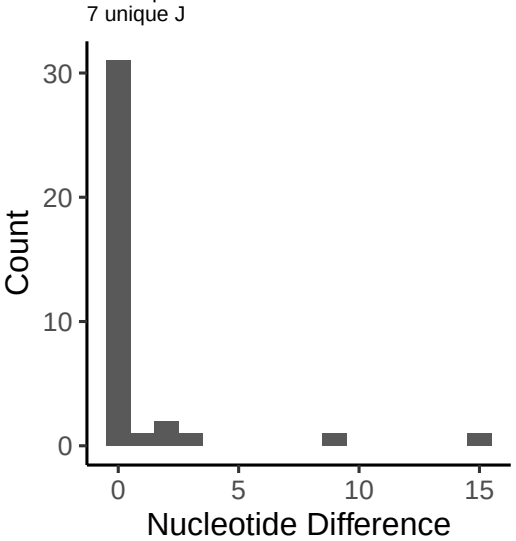
IGHV4−28*01

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



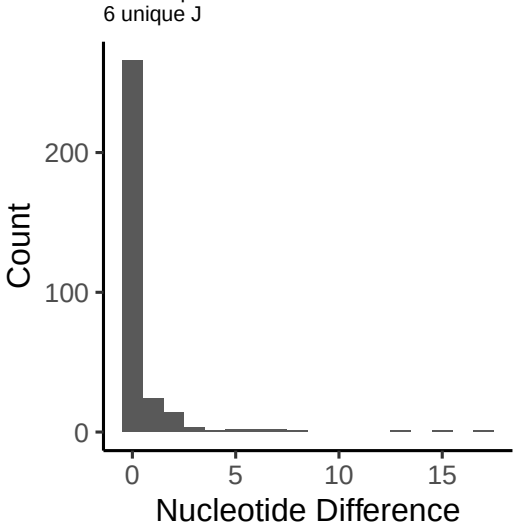
IGHV3−72*01

37 sequences assigned
31 (83.8%) exact matches, in which:
29 unique CDR3
7 unique J



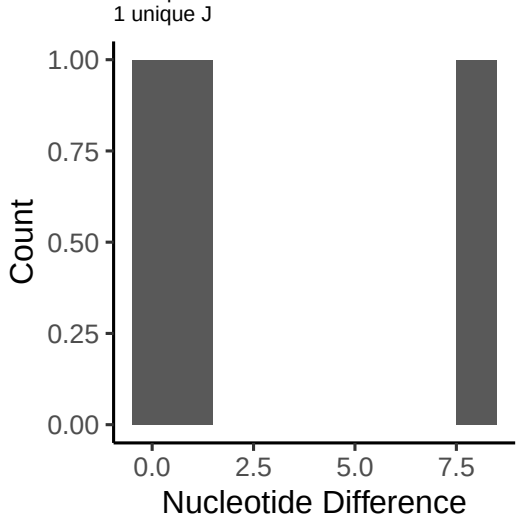
IGHV3−64D*09

319 sequences assigned
266 (83.4%) exact matches, in which:
241 unique CDR3
6 unique J



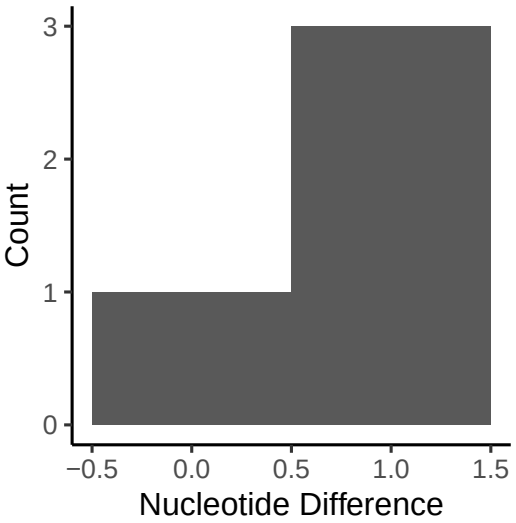
IGHV4−28*03

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



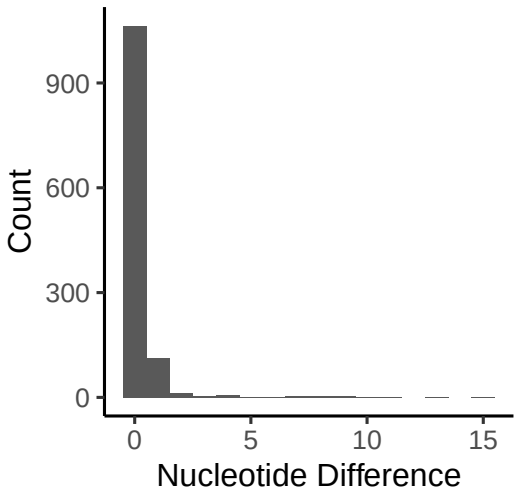
IGHV4−28*04

4 sequences assigned
1 (25%) exact matches, in which:
1 unique CDR3
1 unique J



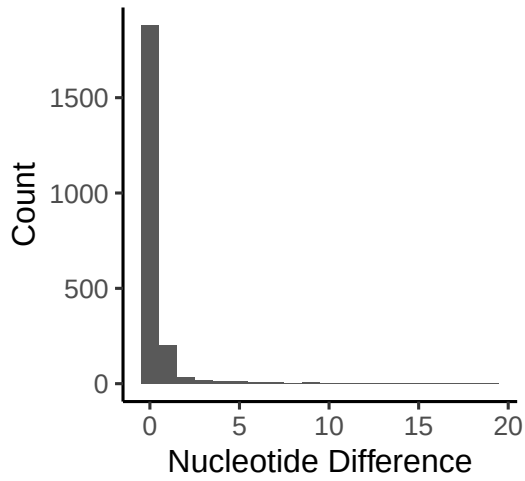
IGHV4−31*03

1222 sequences assigned
1064 (87.1%) exact matches, in which:
987 unique CDR3
7 unique J



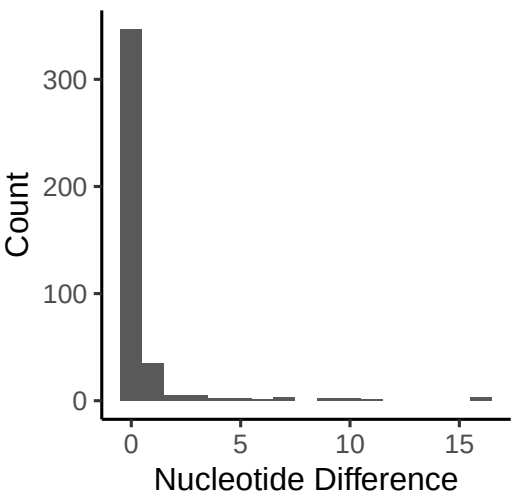
IGHV4−39*01

2213 sequences assigned
1879 (84.9%) exact matches, in which:
1674 unique CDR3
7 unique J



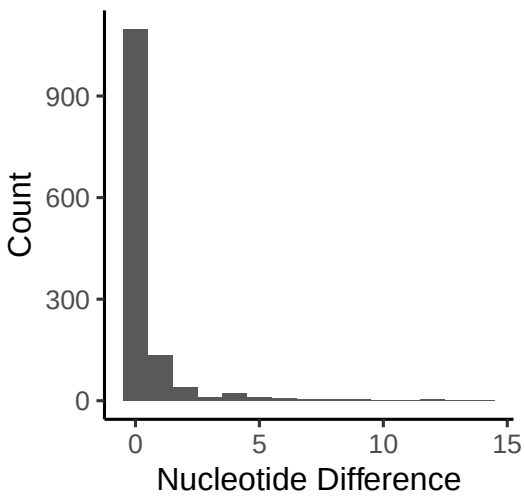
IGHV4−30−2*01

408 sequences assigned
347 (85%) exact matches, in which:
325 unique CDR3
7 unique J



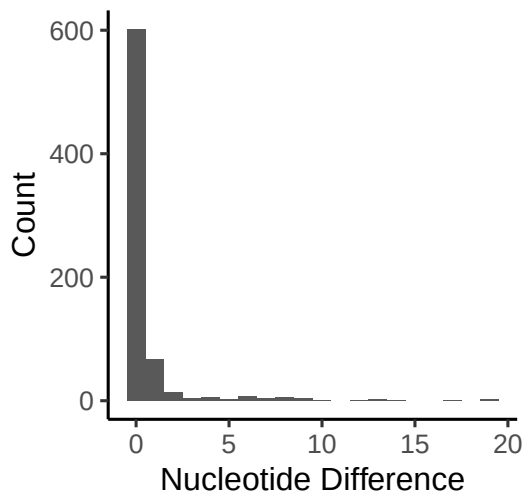
IGHV4−34*01

1342 sequences assigned
1098 (81.8%) exact matches, in which:
961 unique CDR3
7 unique J



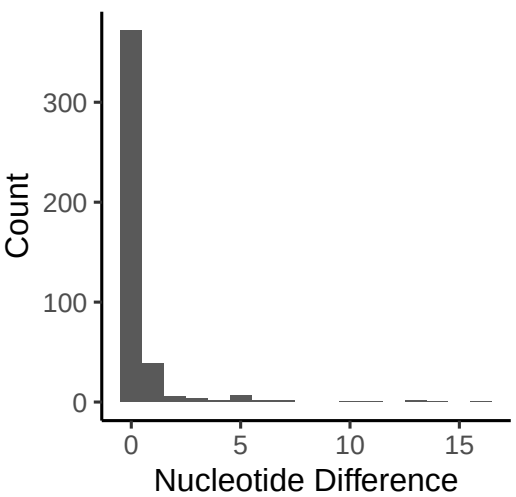
IGHV4−59*01

723 sequences assigned
602 (83.3%) exact matches, in which:
574 unique CDR3
6 unique J



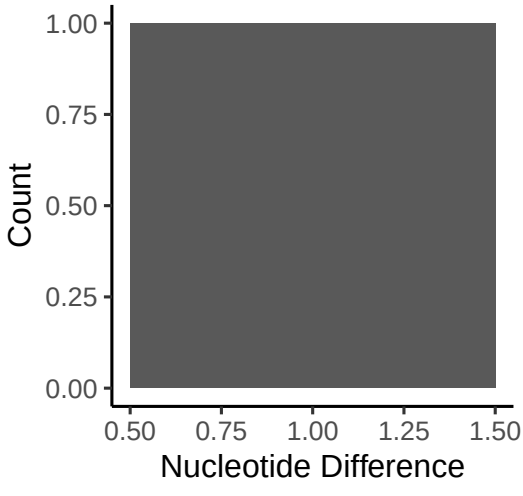
IGHV4−30−4*01

440 sequences assigned
372 (84.5%) exact matches, in which:
351 unique CDR3
7 unique J



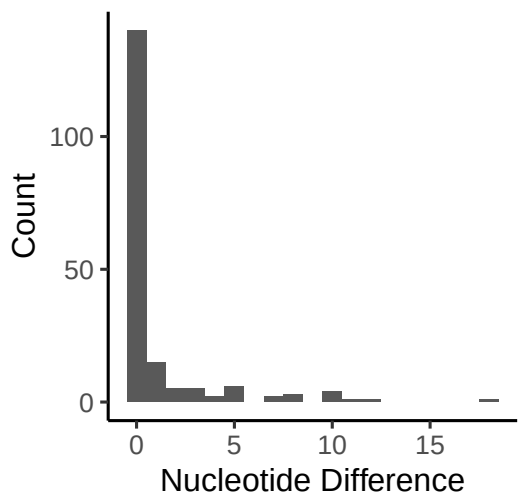
IGHV4−38−2*02

1 sequences assigned
No exact matches.



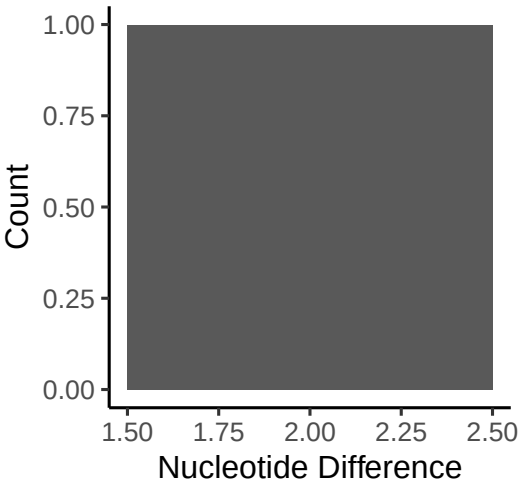
IGHV4−61*01

186 sequences assigned
140 (75.3%) exact matches, in which:
128 unique CDR3
7 unique J



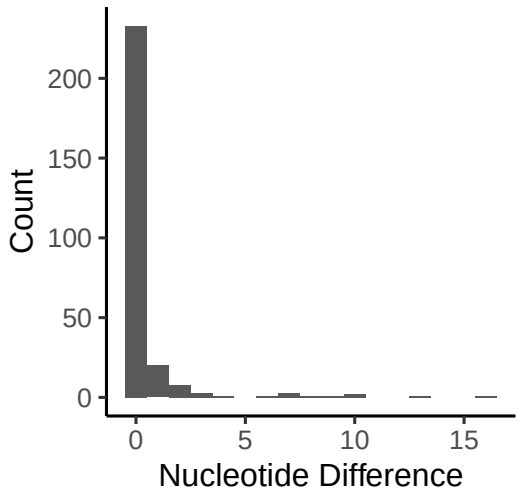
IGHV4/OR15−8*01

1 sequences assigned
No exact matches.



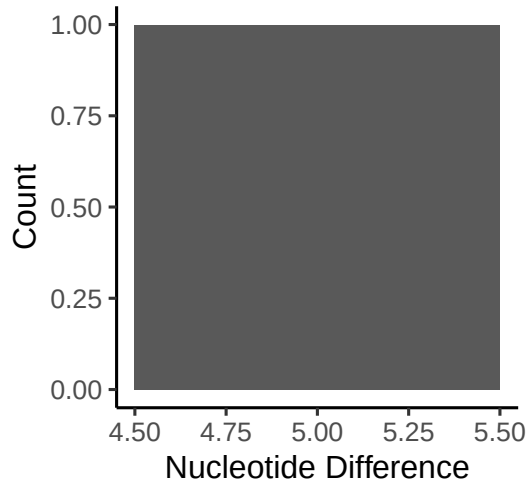
IGHV5−51*03

275 sequences assigned
233 (84.7%) exact matches, in which:
216 unique CDR3
7 unique J



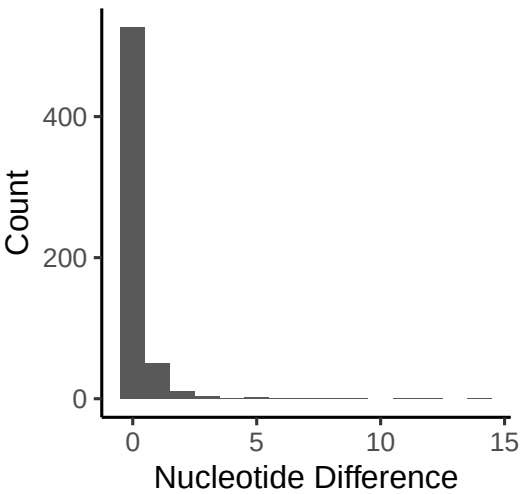
IGHV3/OR16−15*02

1 sequences assigned
No exact matches.



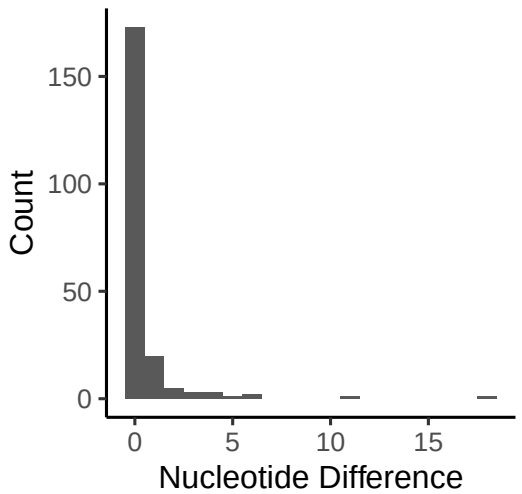
IGHV5−10−1*03

602 sequences assigned
527 (87.5%) exact matches, in which:
464 unique CDR3
6 unique J



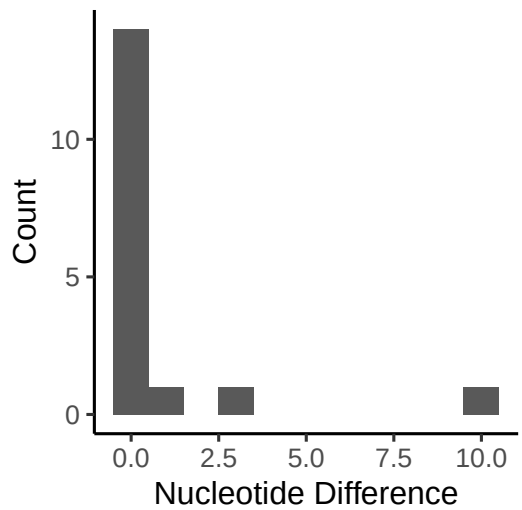
IGHV6−1*01

209 sequences assigned
173 (82.8%) exact matches, in which:
157 unique CDR3
7 unique J



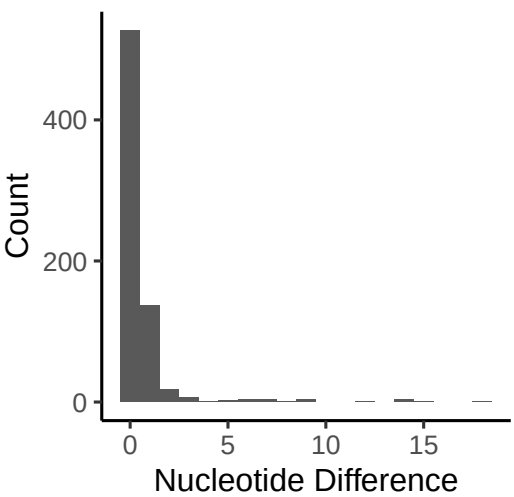
IGHV7−4−1*01

17 sequences assigned
14 (82.4%) exact matches, in which:
10 unique CDR3
4 unique J



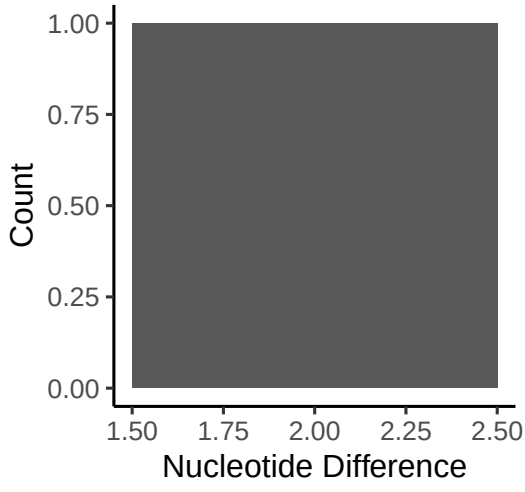
IGHV5−51*01

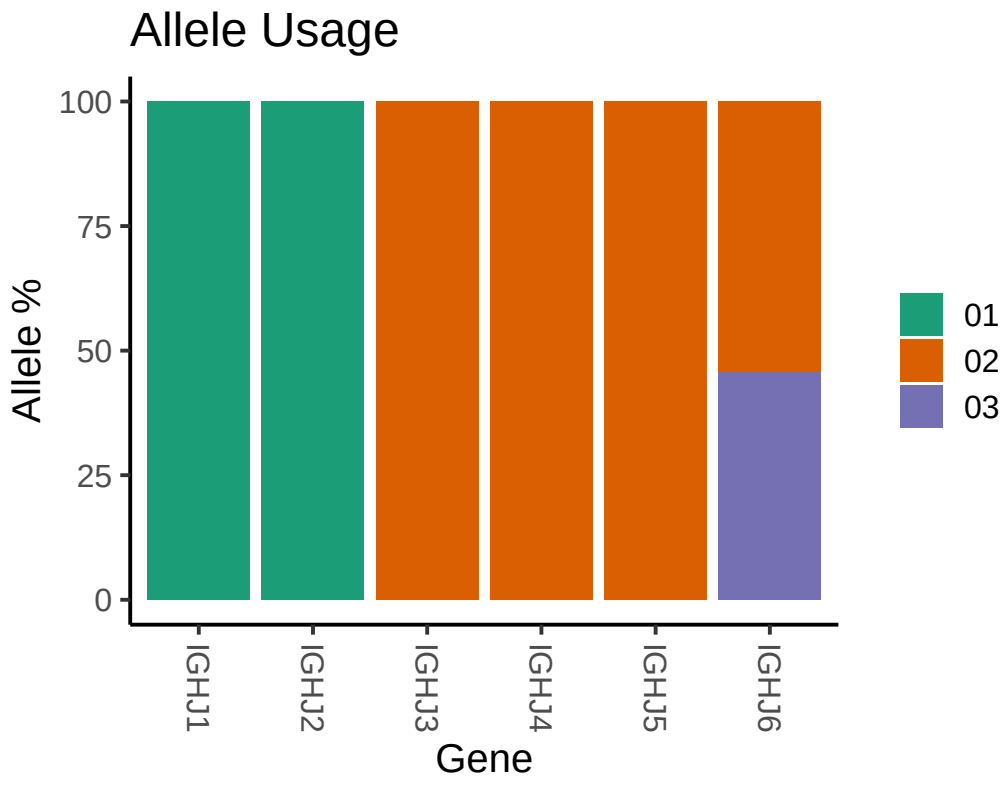
712 sequences assigned
527 (74%) exact matches, in which:
477 unique CDR3
7 unique J



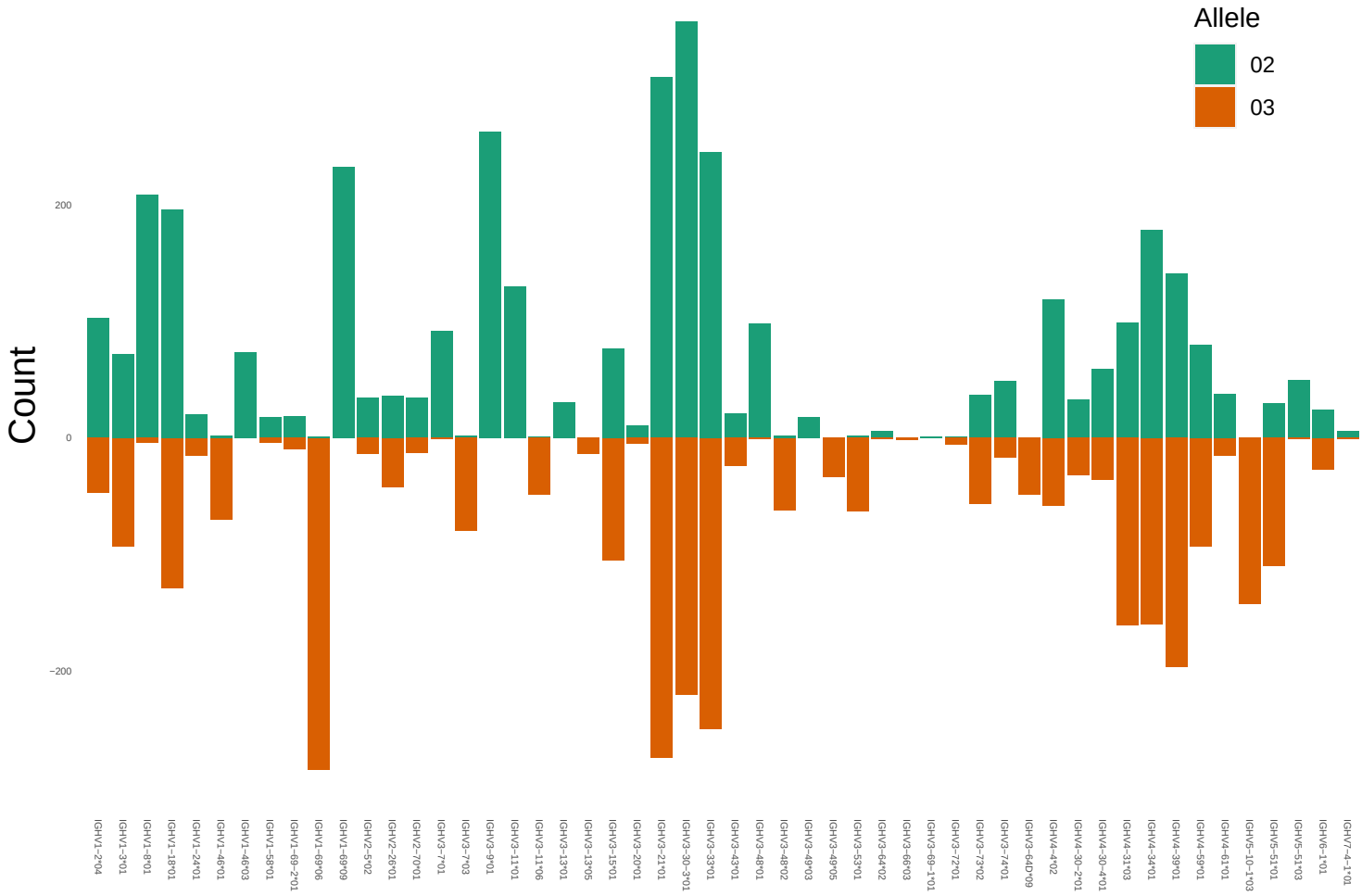
IGHV3/OR16−6*02

1 sequences assigned
No exact matches.




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

Sequence Count by IGHJ6 allele usage



Warning − no inferred sequences found.

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