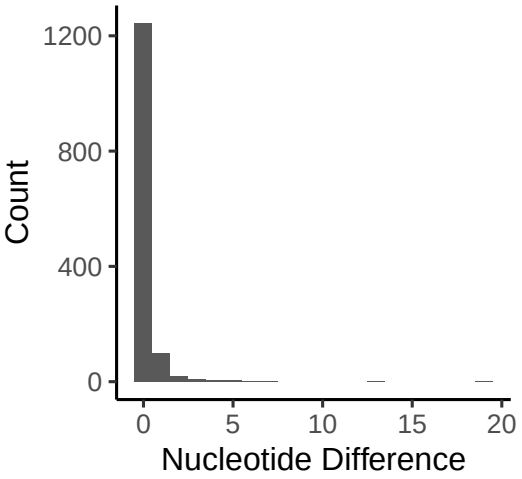
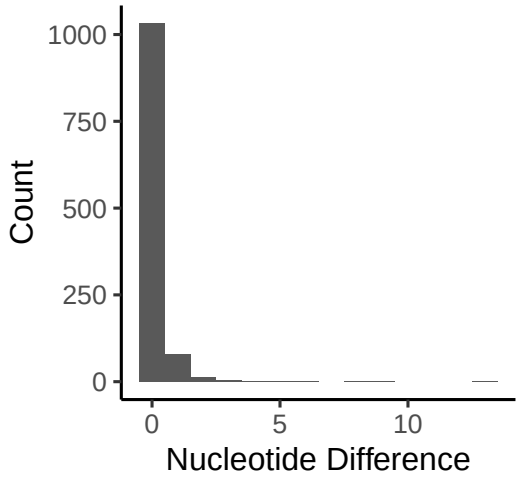
IGHV1−2*02

1384 sequences assigned
1243 (89.8%) exact matches, in which:
1183 unique CDR3
6 unique J



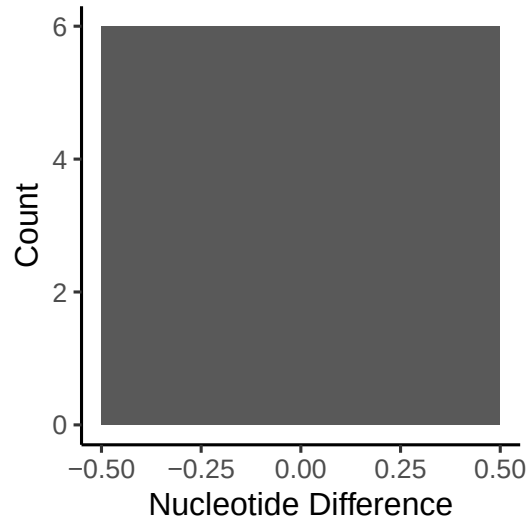
IGHV1−8*01

1138 sequences assigned
1032 (90.7%) exact matches, in which:
985 unique CDR3
6 unique J



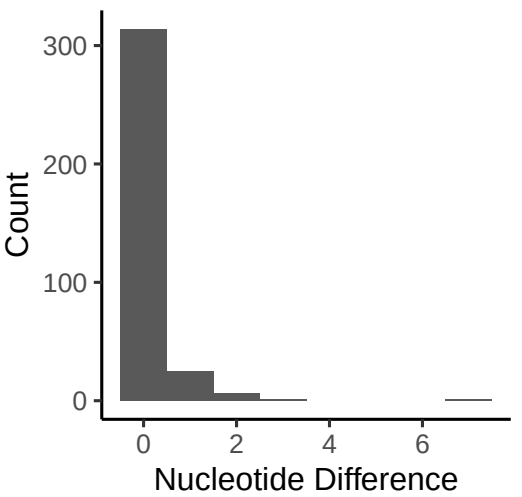
IGHV1−45*02

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
2 unique J



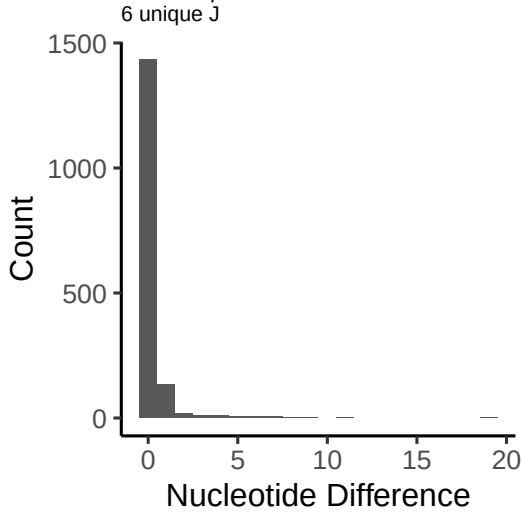
IGHV1−2*04

347 sequences assigned
314 (90.5%) exact matches, in which:
289 unique CDR3
6 unique J



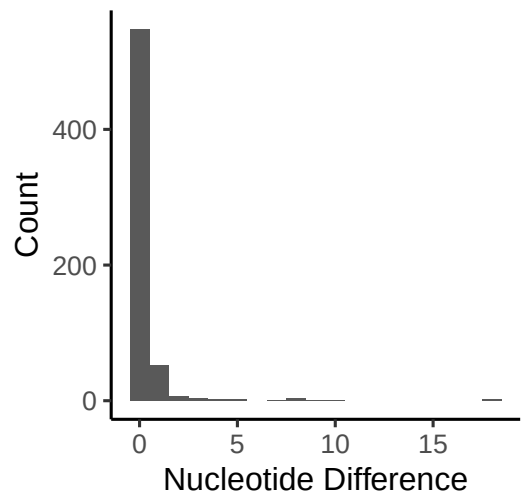
IGHV1−18*01

1626 sequences assigned
1433 (88.1%) exact matches, in which:
1381 unique CDR3
6 unique J



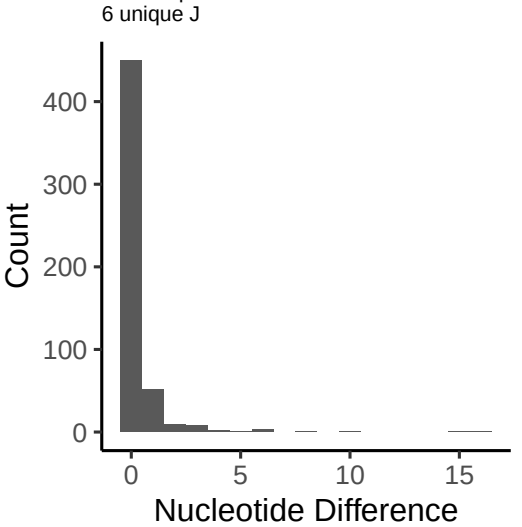
IGHV1−46*01

623 sequences assigned
548 (88%) exact matches, in which:
521 unique CDR3
6 unique J



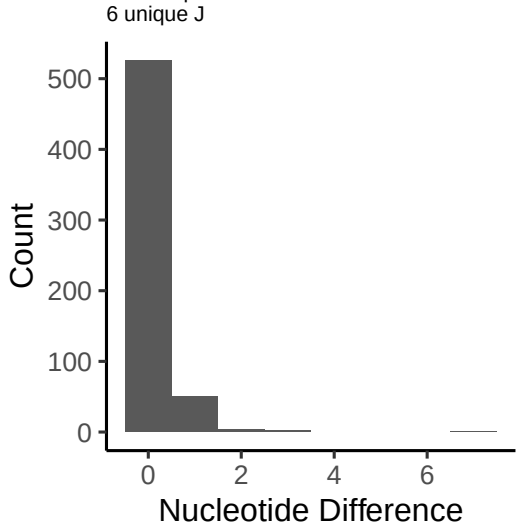
IGHV1−3*01

529 sequences assigned
450 (85.1%) exact matches, in which:
436 unique CDR3
6 unique J



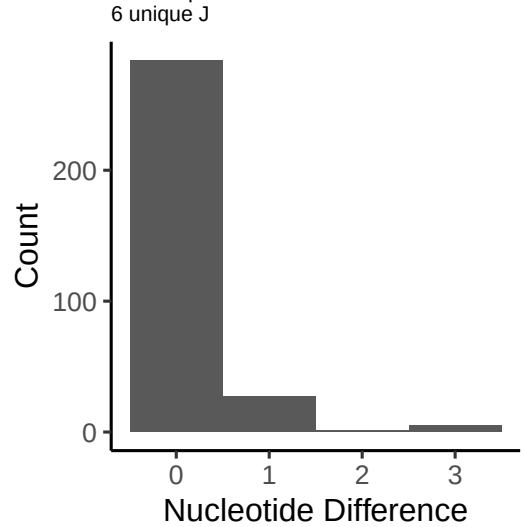
IGHV1−24*01

583 sequences assigned
526 (90.2%) exact matches, in which:
503 unique CDR3
6 unique J



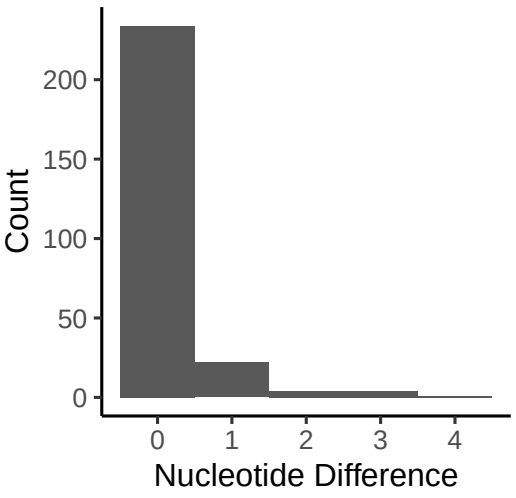
IGHV1−46*03

318 sequences assigned
284 (89.3%) exact matches, in which:
265 unique CDR3
6 unique J



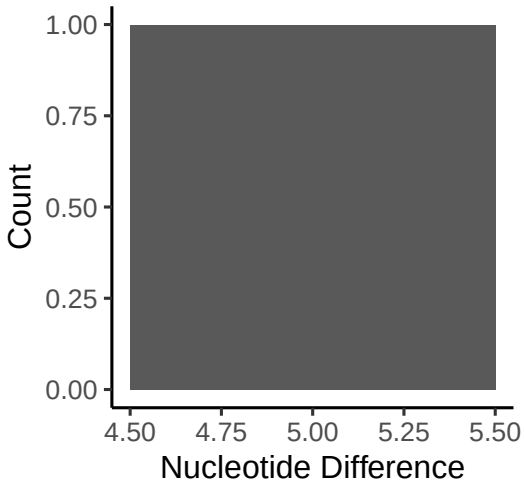
IGHV1−58*01

265 sequences assigned
234 (88.3%) exact matches, in which:
220 unique CDR3
6 unique J



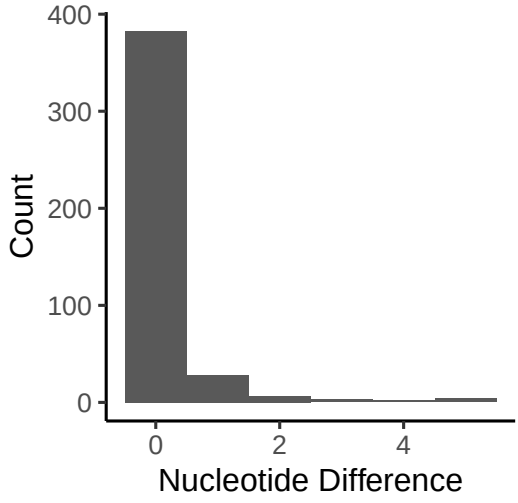
IGHV1−NL1*01

1 sequences assigned
No exact matches.



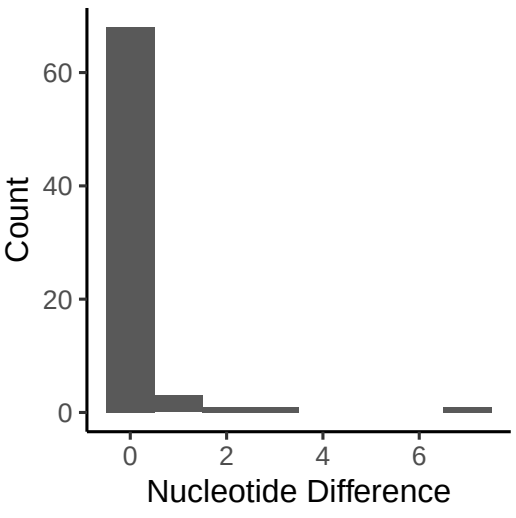
IGHV2−26*01

427 sequences assigned
383 (89.7%) exact matches, in which:
373 unique CDR3
6 unique J



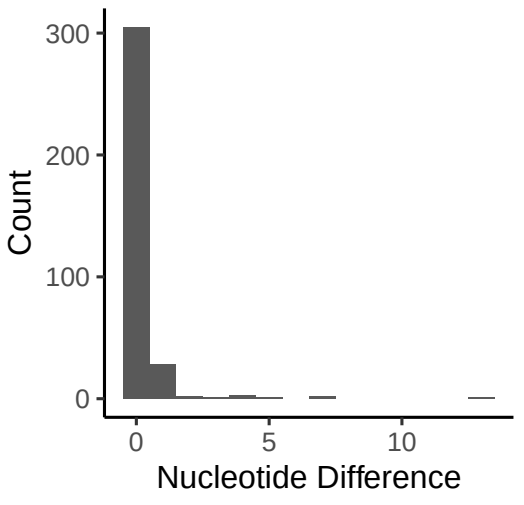
IGHV1−69−2*01

74 sequences assigned
68 (91.9%) exact matches, in which:
67 unique CDR3
5 unique J



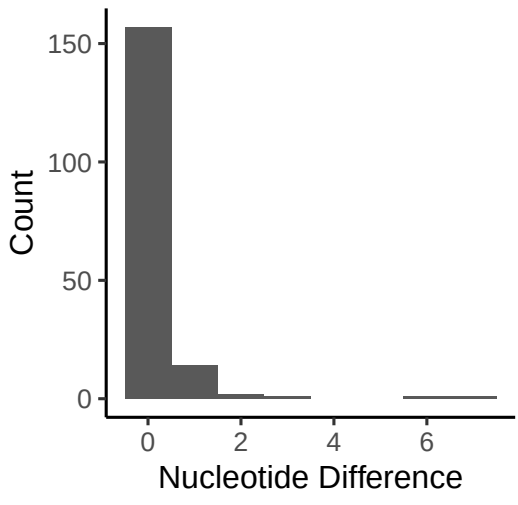
IGHV2−5*01

343 sequences assigned
305 (88.9%) exact matches, in which:
295 unique CDR3
6 unique J



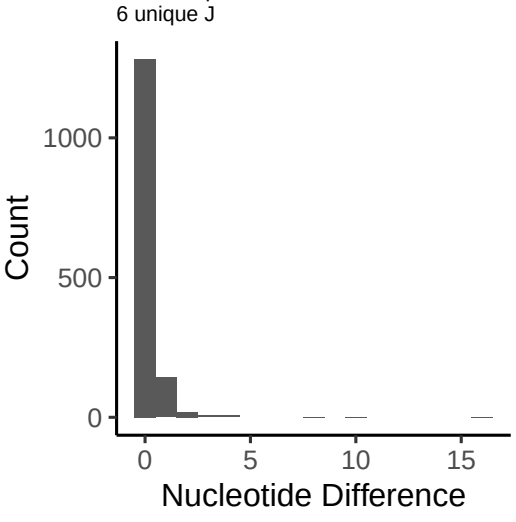
IGHV2−70*01

176 sequences assigned
157 (89.2%) exact matches, in which:
153 unique CDR3
5 unique J



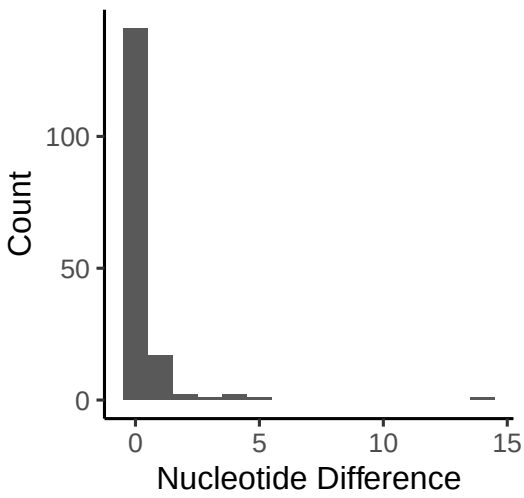
IGHV1−69*06

1463 sequences assigned
1282 (87.6%) exact matches, in which:
1203 unique CDR3
6 unique J



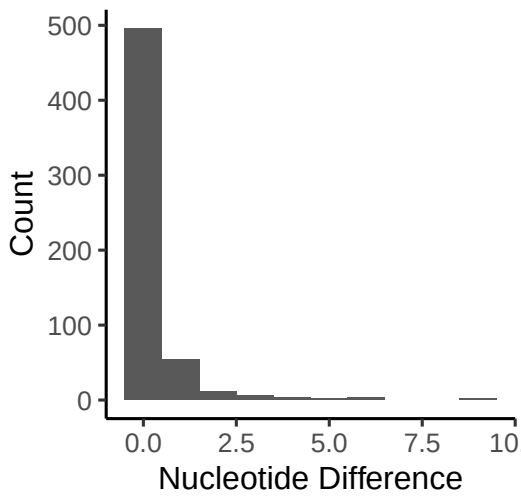
IGHV2−5*02

165 sequences assigned
141 (85.5%) exact matches, in which:
139 unique CDR3
6 unique J



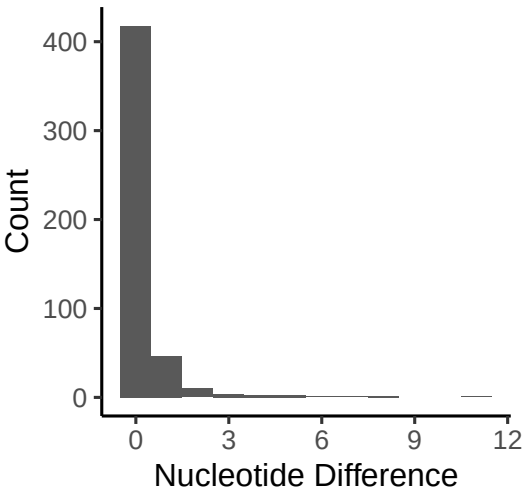
IGHV3−7*01

578 sequences assigned
496 (85.8%) exact matches, in which:
477 unique CDR3
6 unique J



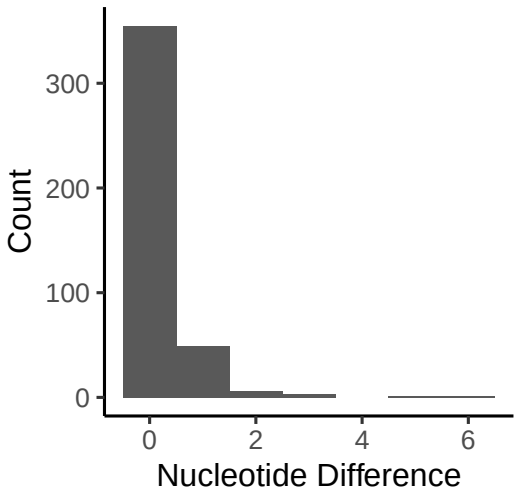
IGHV3−7*03

490 sequences assigned
418 (85.3%) exact matches, in which:
396 unique CDR3
6 unique J



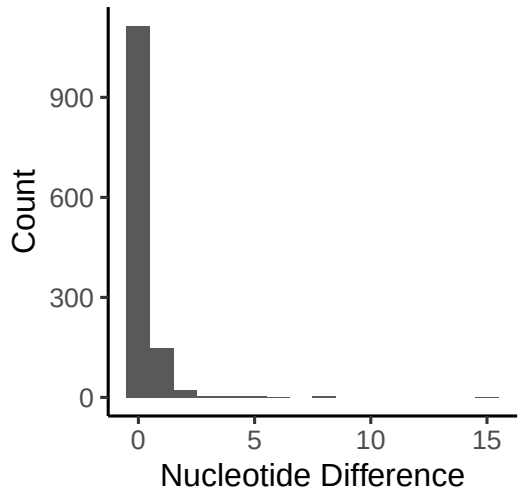
IGHV3−11*06

415 sequences assigned
355 (85.5%) exact matches, in which:
335 unique CDR3
6 unique J



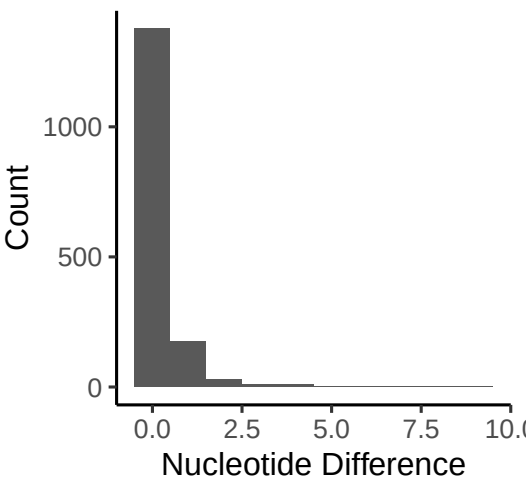
IGHV3−15*01

1304 sequences assigned
1115 (85.5%) exact matches, in which:
1066 unique CDR3
6 unique J



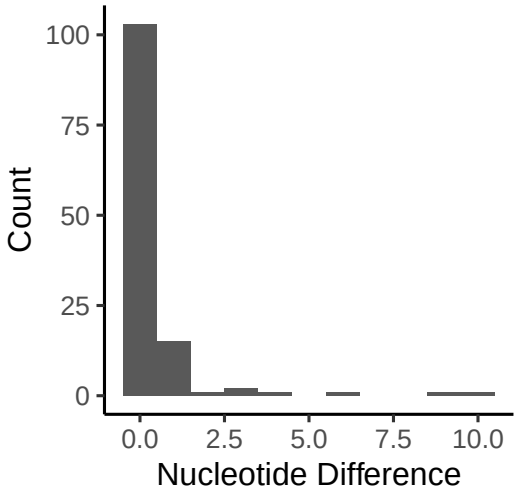
IGHV3−9*01

1606 sequences assigned
1377 (85.7%) exact matches, in which:
1270 unique CDR3
6 unique J



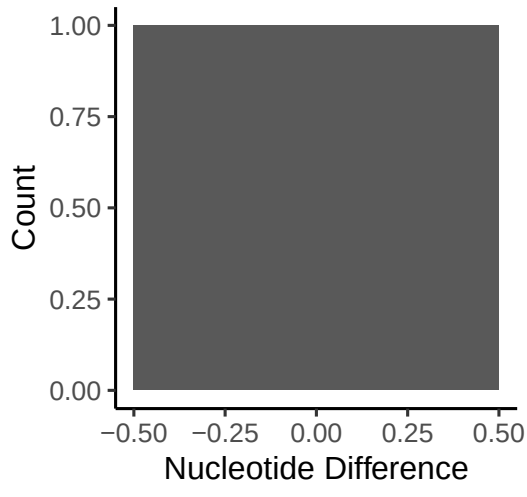
IGHV3−13*01

125 sequences assigned
103 (82.4%) exact matches, in which:
98 unique CDR3
5 unique J



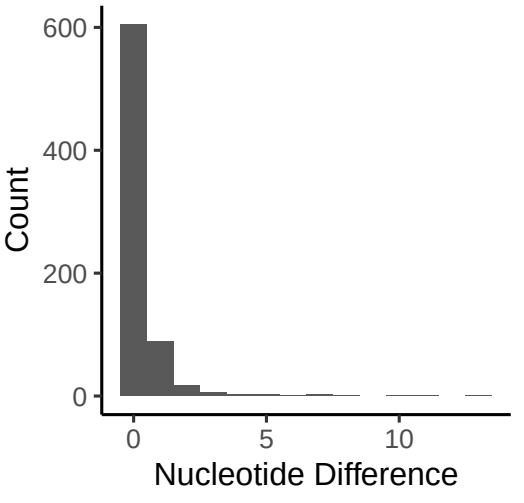
IGHV3−19*01

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



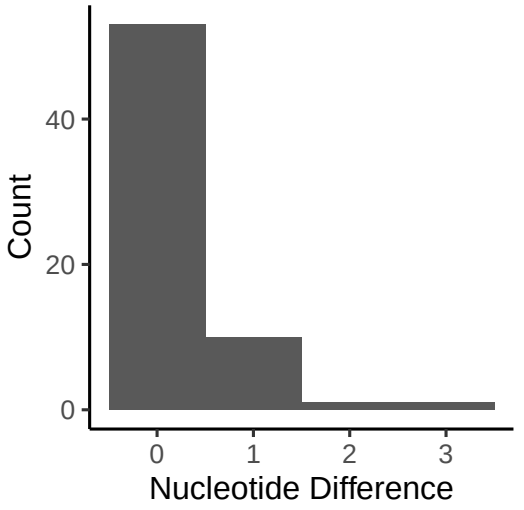
IGHV3−11*01

729 sequences assigned
605 (83%) exact matches, in which:
574 unique CDR3
6 unique J



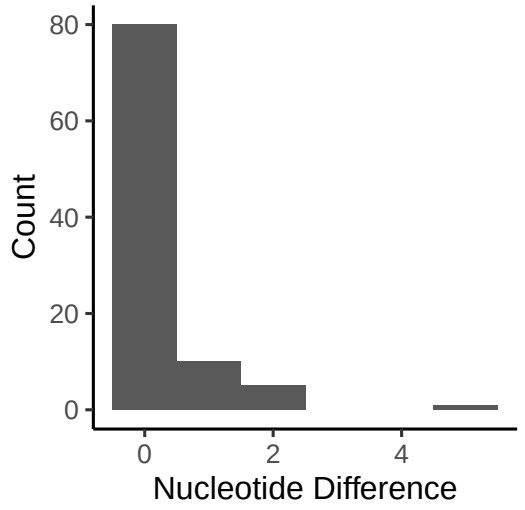
IGHV3−13*05

65 sequences assigned
53 (81.5%) exact matches, in which:
50 unique CDR3
5 unique J



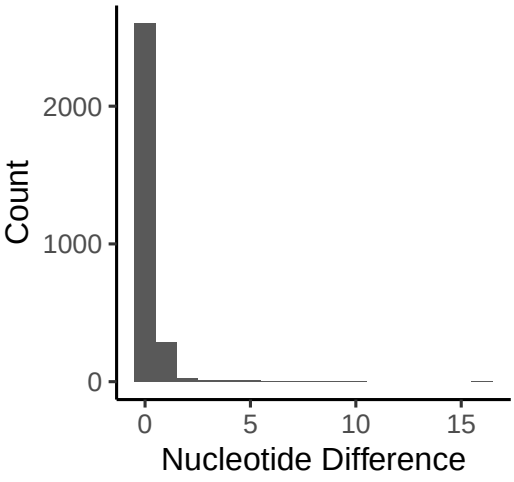
IGHV3−20*01

96 sequences assigned
80 (83.3%) exact matches, in which:
75 unique CDR3
5 unique J



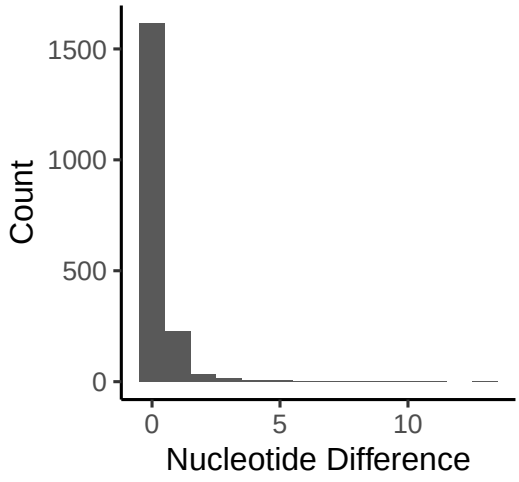
IGHV3−21*01

2975 sequences assigned
2601 (87.4%) exact matches, in which:
2437 unique CDR3
6 unique J



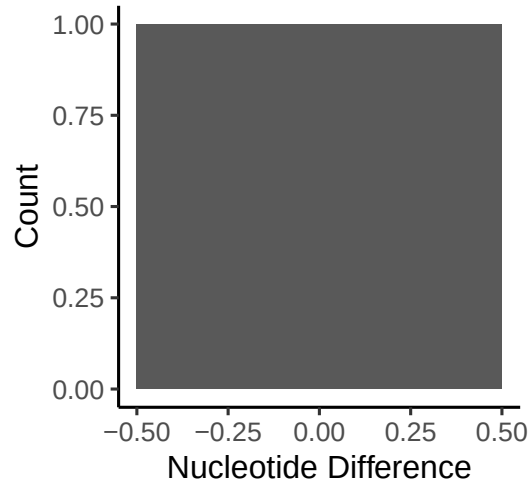
IGHV3−33*01

1913 sequences assigned
1615 (84.4%) exact matches, in which:
1519 unique CDR3
6 unique J



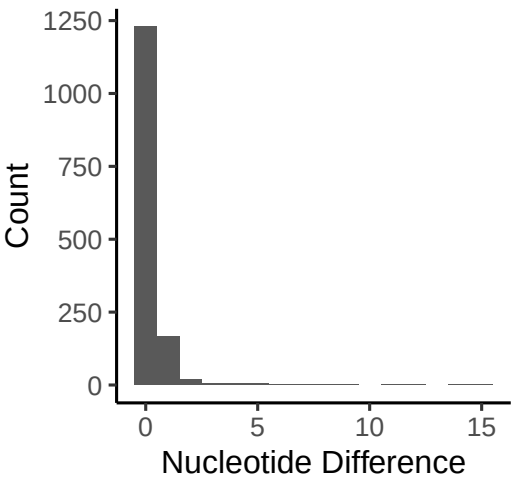
IGHV3−47*02

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



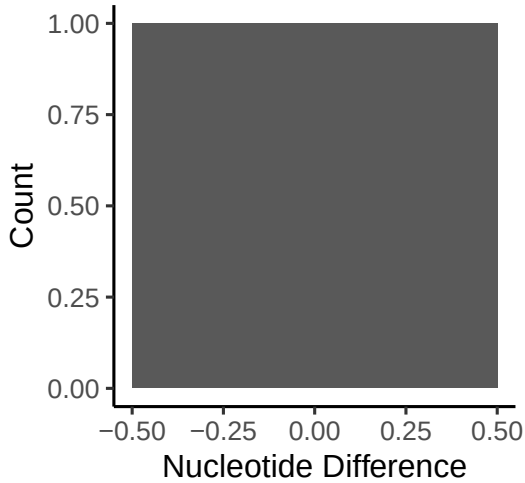
IGHV3−30−3*01

1446 sequences assigned
1229 (85%) exact matches, in which:
1158 unique CDR3
6 unique J



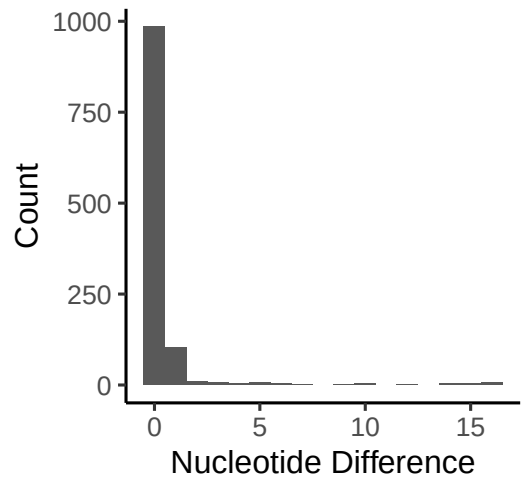
IGHV3−35*01

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



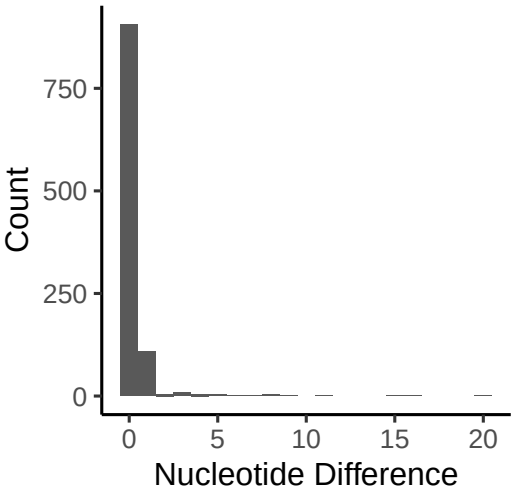
IGHV3−48*02

1137 sequences assigned
985 (86.6%) exact matches, in which:
929 unique CDR3
6 unique J



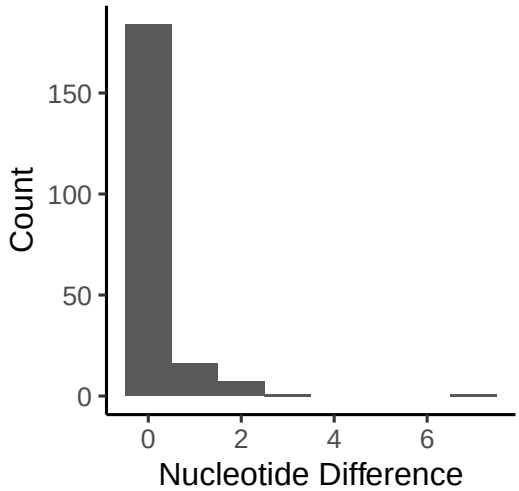
IGHV3−30*03

1049 sequences assigned
906 (86.4%) exact matches, in which:
844 unique CDR3
6 unique J



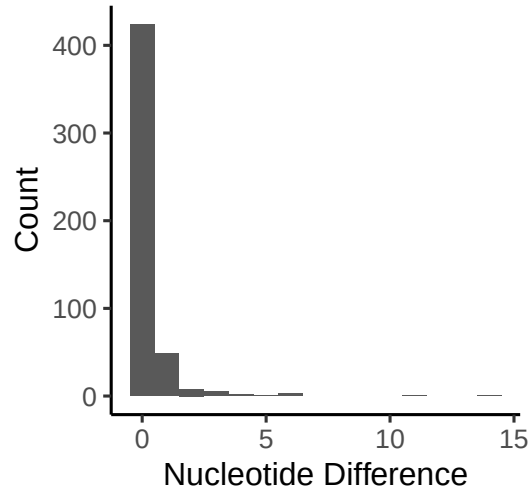
IGHV3−43*01

209 sequences assigned
184 (88%) exact matches, in which:
173 unique CDR3
6 unique J



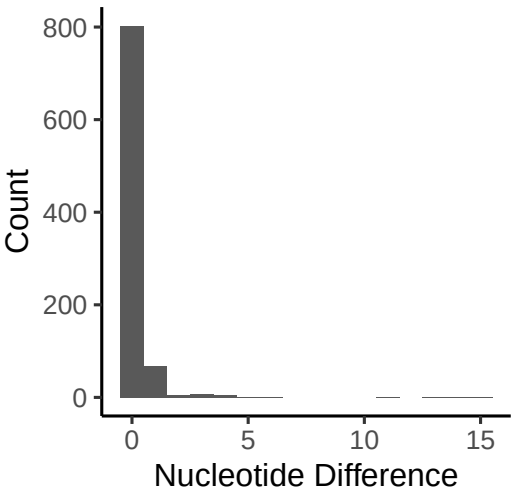
IGHV3−49*05

493 sequences assigned
424 (86%) exact matches, in which:
399 unique CDR3
6 unique J



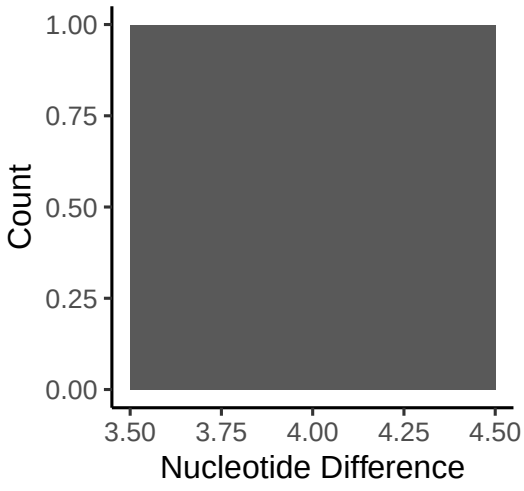
IGHV3−53*01

896 sequences assigned
803 (89.6%) exact matches, in which:
764 unique CDR3
6 unique J



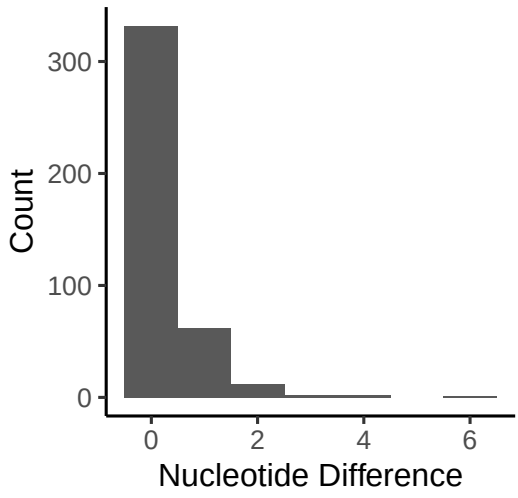
IGHV3−66*01

1 sequences assigned
No exact matches.



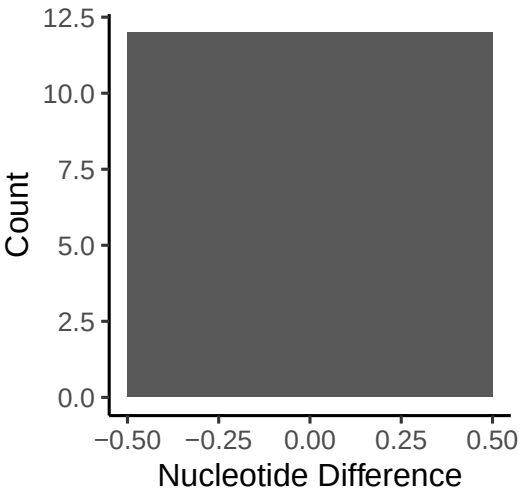
IGHV3−73*02

411 sequences assigned
332 (80.8%) exact matches, in which:
312 unique CDR3
6 unique J



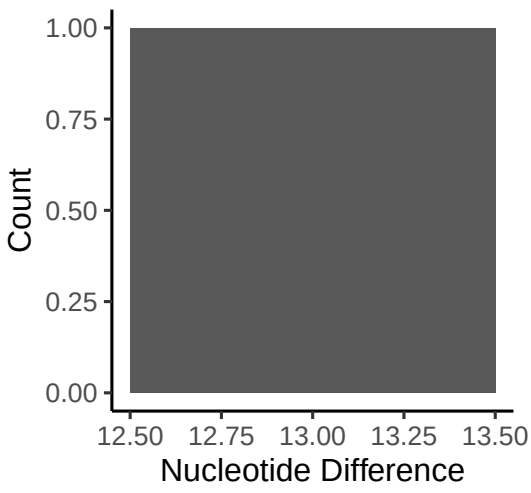
IGHV3−64*02

12 sequences assigned
12 (100%) exact matches, in which:
12 unique CDR3
3 unique J



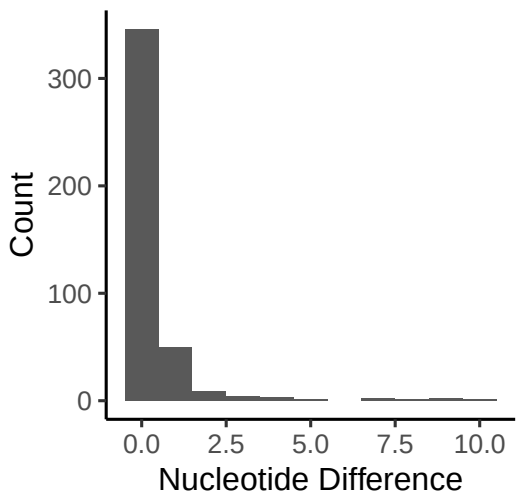
IGHV3−66*02

1 sequences assigned
No exact matches.



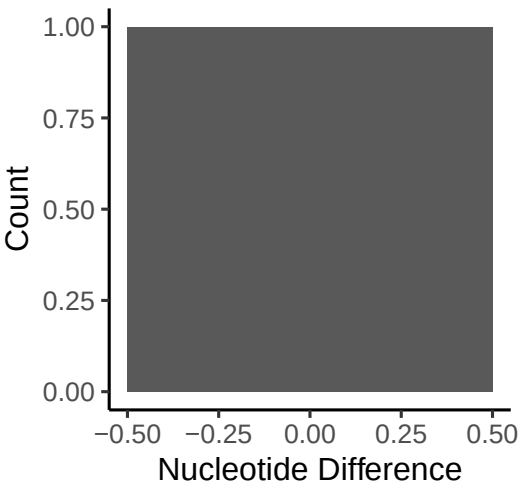
IGHV3−74*01

419 sequences assigned
346 (82.6%) exact matches, in which:
332 unique CDR3
6 unique J



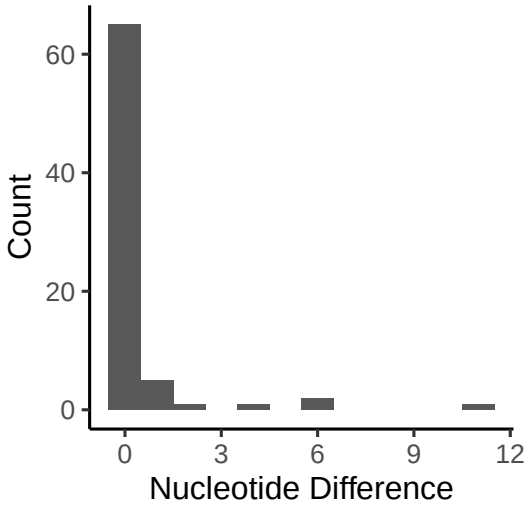
IGHV3−64*04

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



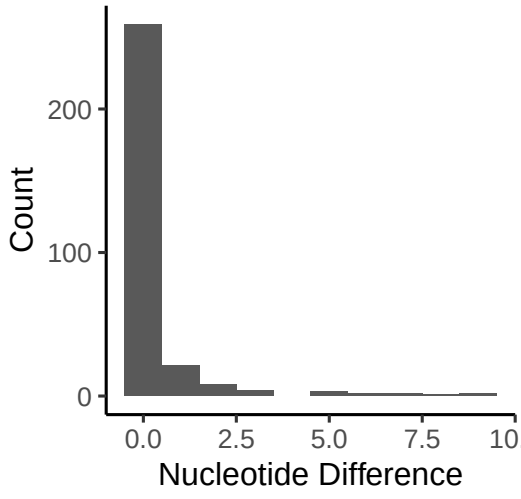
IGHV3−72*01

75 sequences assigned
65 (86.7%) exact matches, in which:
61 unique CDR3
5 unique J



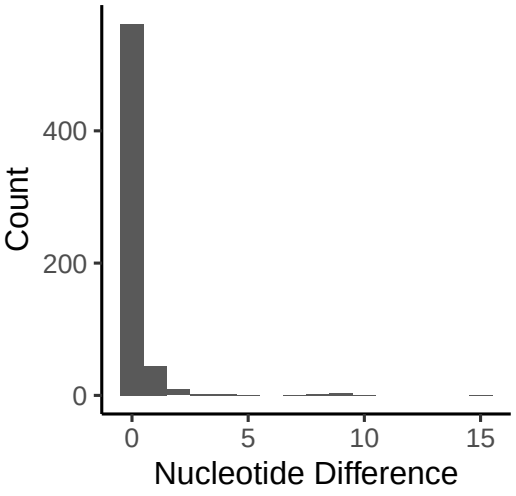
IGHV3−64D*09

302 sequences assigned
259 (85.8%) exact matches, in which:
239 unique CDR3
6 unique J



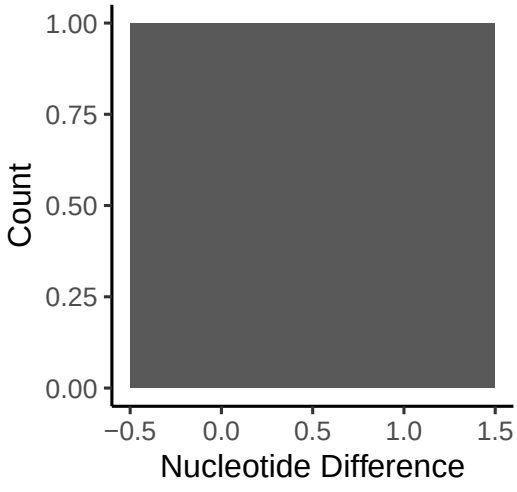
IGHV4−4*02

629 sequences assigned
562 (89.3%) exact matches, in which:
539 unique CDR3
6 unique J



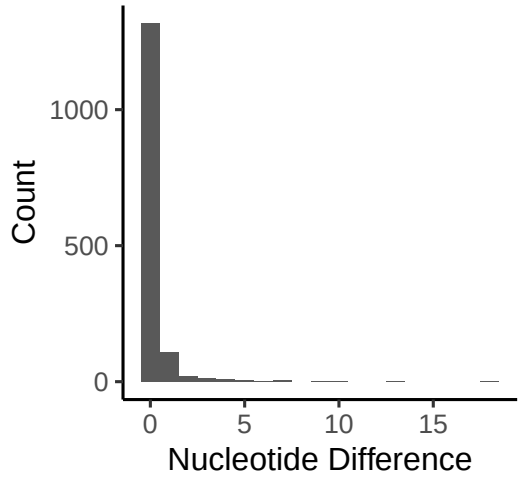
IGHV4−28*03

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



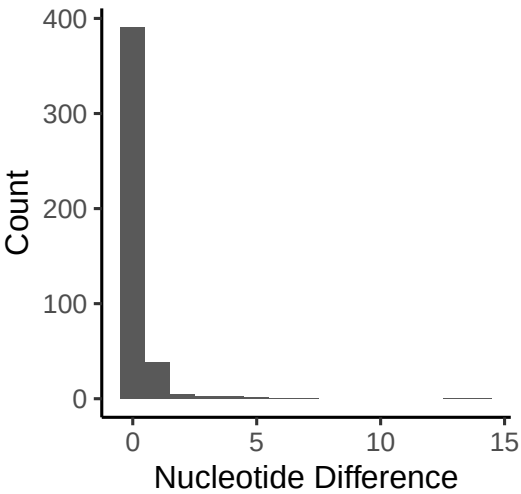
IGHV4−31*03

1486 sequences assigned
1317 (88.6%) exact matches, in which:
1256 unique CDR3
6 unique J



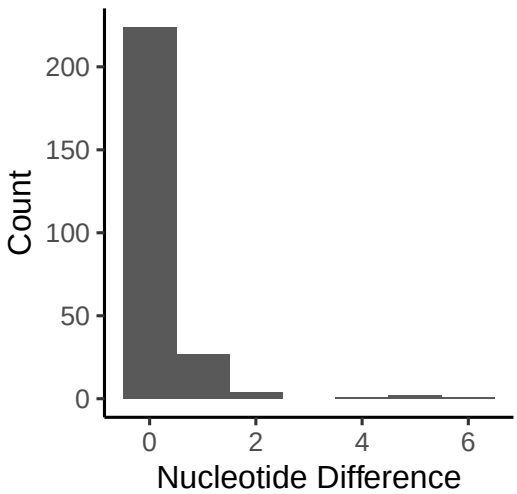
IGHV4−4*07

446 sequences assigned
391 (87.7%) exact matches, in which:
378 unique CDR3
6 unique J



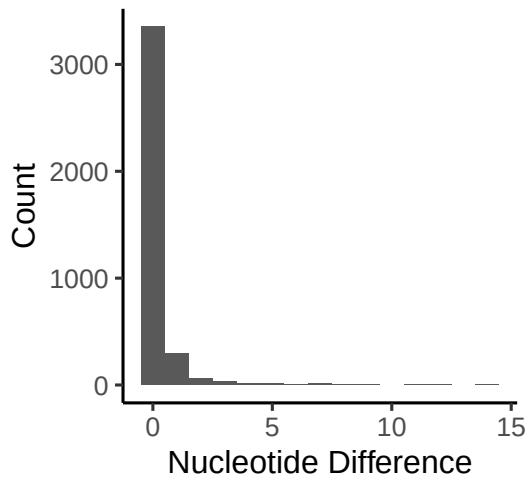
IGHV4−30−2*01

259 sequences assigned
224 (86.5%) exact matches, in which:
213 unique CDR3
5 unique J



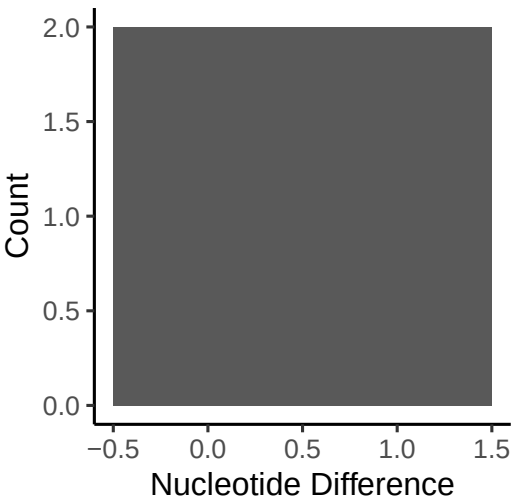
IGHV4−34*01

3801 sequences assigned
3353 (88.2%) exact matches, in which:
3141 unique CDR3
6 unique J



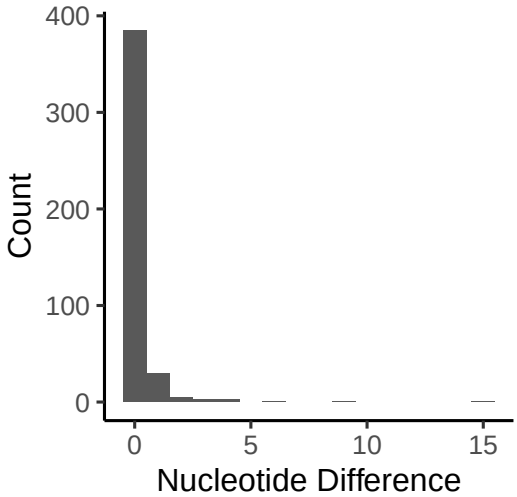
IGHV4−28*01

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



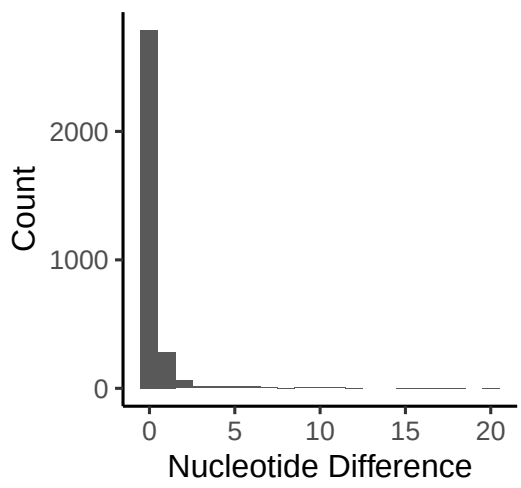
IGHV4−30−4*01

430 sequences assigned
385 (89.5%) exact matches, in which:
371 unique CDR3
6 unique J



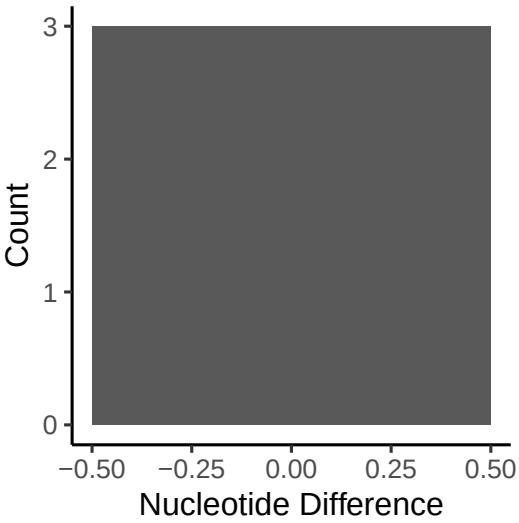
IGHV4−39*01

3221 sequences assigned
2789 (86.6%) exact matches, in which:
2630 unique CDR3
6 unique J



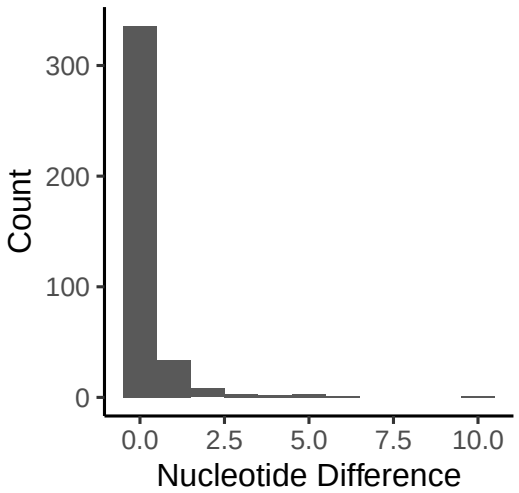
IGHV4−55*01

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



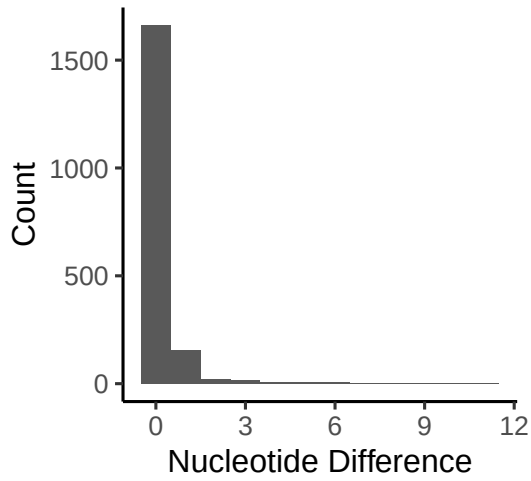
IGHV4−61*01

388 sequences assigned
336 (86.6%) exact matches, in which:
328 unique CDR3
6 unique J



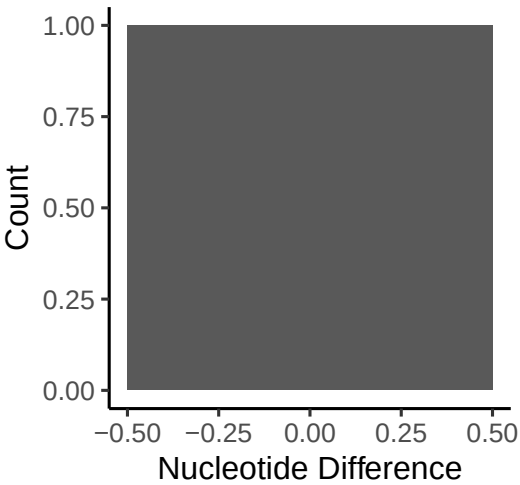
IGHV5−51*01

1881 sequences assigned
1661 (88.3%) exact matches, in which:
1579 unique CDR3
6 unique J



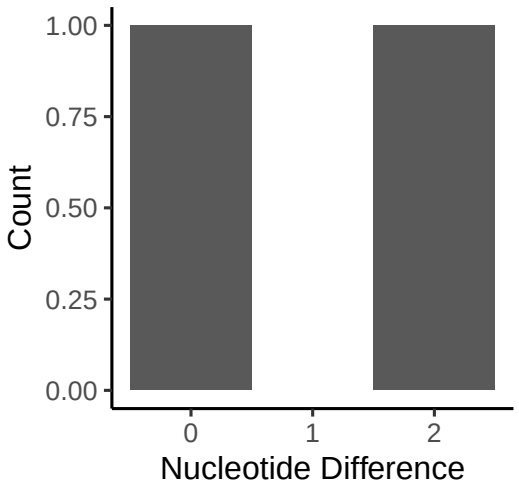
IGHV4−55*08

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



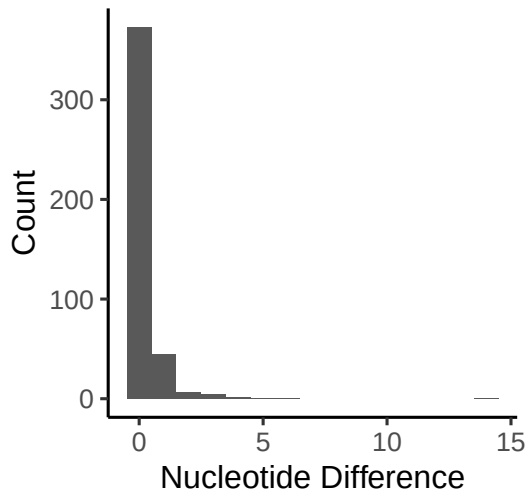
IGHV1/OR15−2*01

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



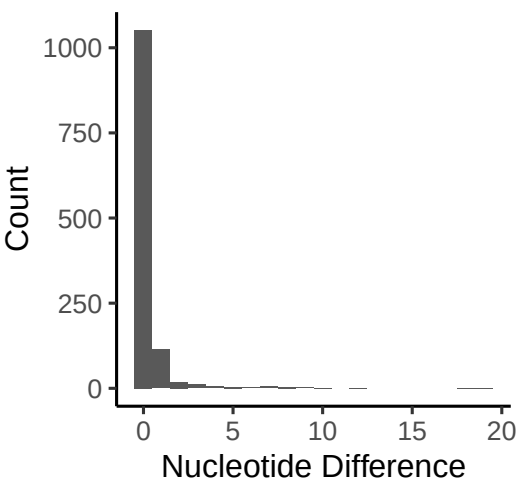
IGHV6−1*01

435 sequences assigned
373 (85.7%) exact matches, in which:
346 unique CDR3
6 unique J



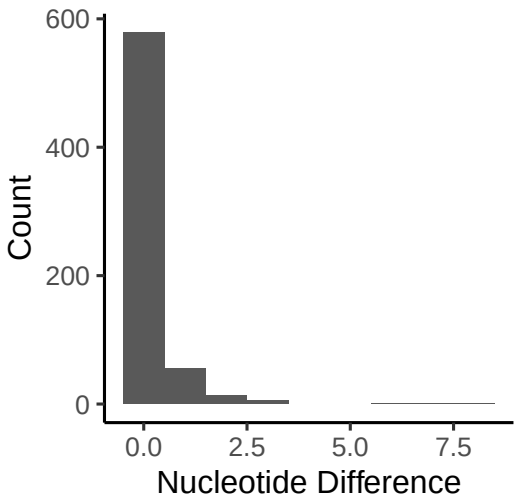
IGHV4−59*01

1220 sequences assigned
1052 (86.2%) exact matches, in which:
1022 unique CDR3
6 unique J



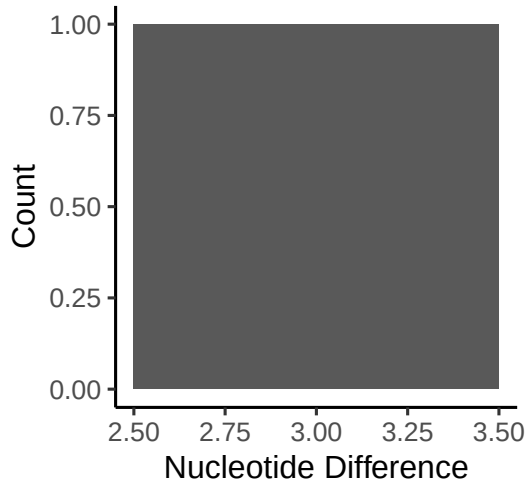
IGHV5−10−1*03

657 sequences assigned
579 (88.1%) exact matches, in which:
541 unique CDR3
6 unique J



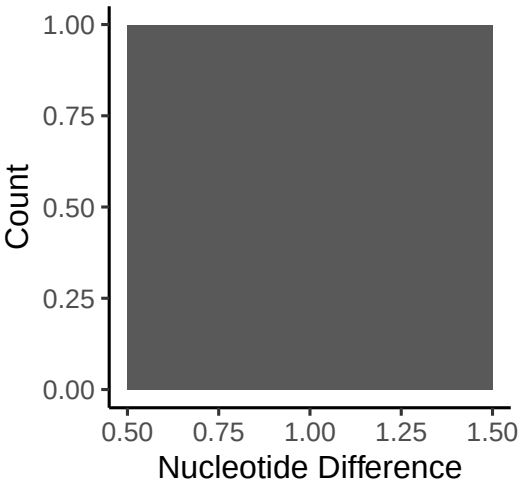
IGHV3/OR16−6*02

1 sequences assigned
No exact matches.



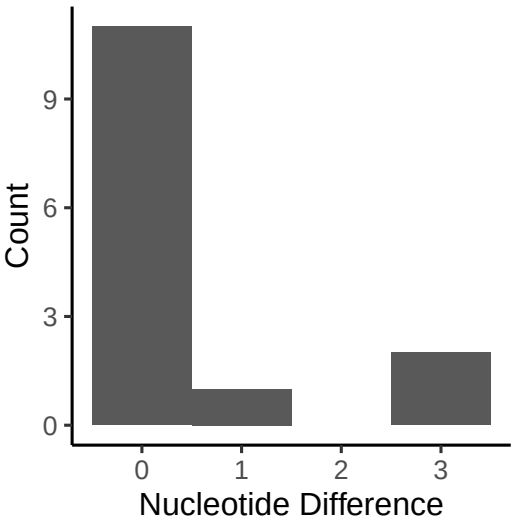
IGHV3/OR16−12*01

1 sequences assigned
No exact matches.



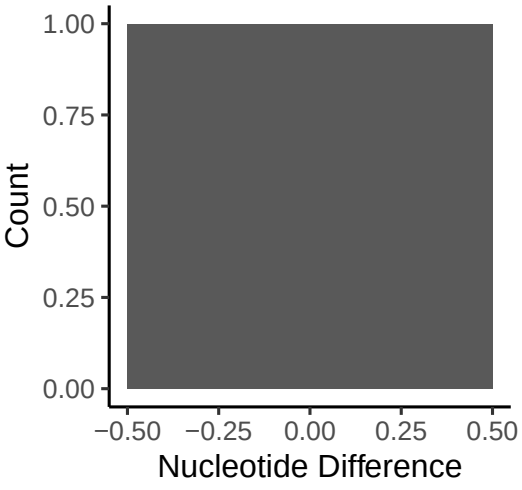
IGHV7−4−1*01

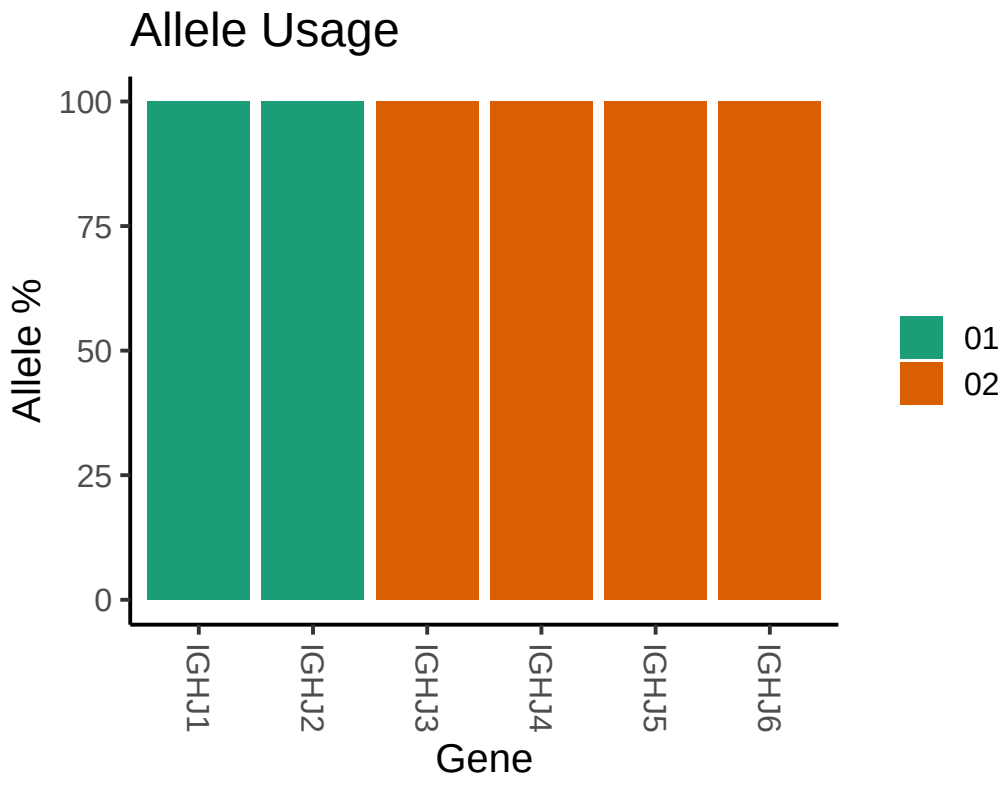
14 sequences assigned
11 (78.6%) exact matches, in which:
11 unique CDR3
3 unique J



IGHV7−81*01

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

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