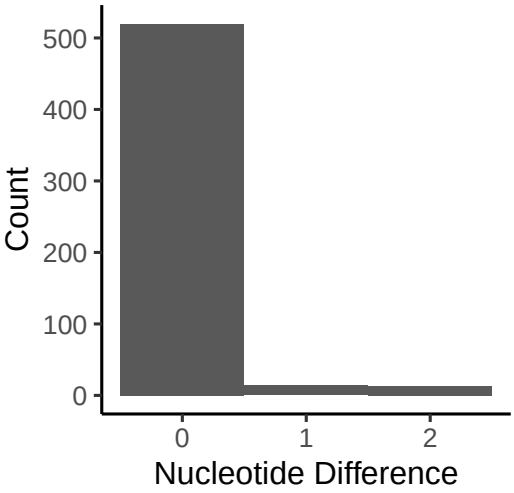
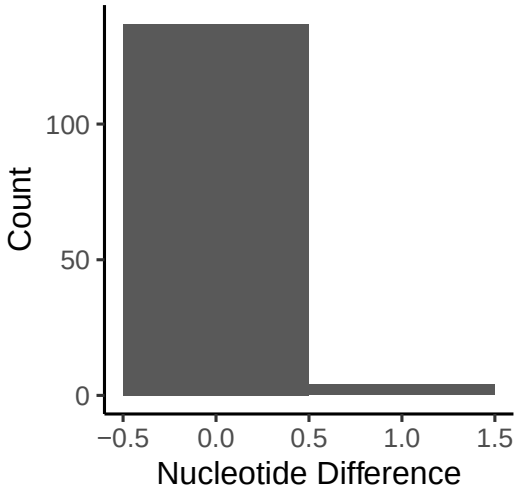
IGHV1−2*02

547 sequences assigned
520 (95.1%) exact matches, in which:
515 unique CDR3
6 unique J



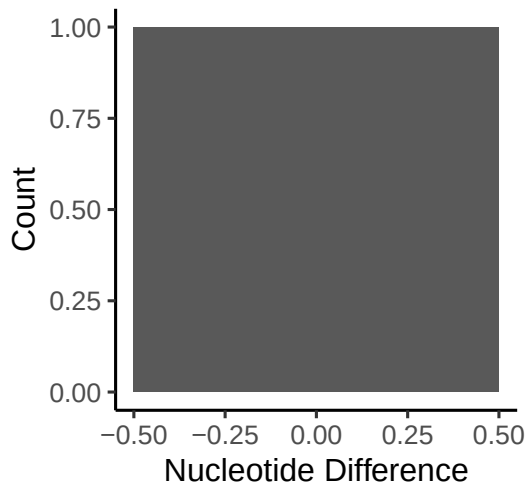
IGHV1−24*01

141 sequences assigned
137 (97.2%) exact matches, in which:
136 unique CDR3
6 unique J



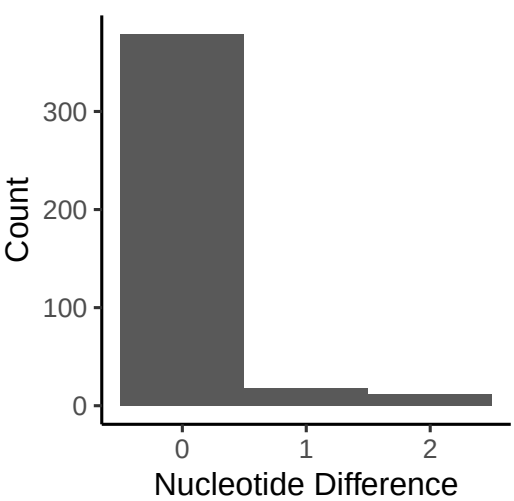
IGHV1−69−2*01

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



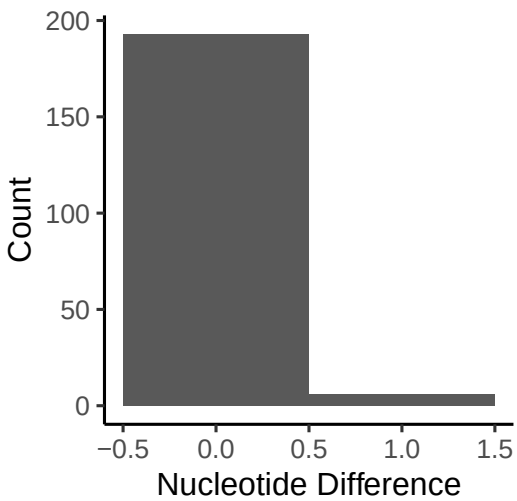
IGHV1−8*01

409 sequences assigned
379 (92.7%) exact matches, in which:
377 unique CDR3
6 unique J



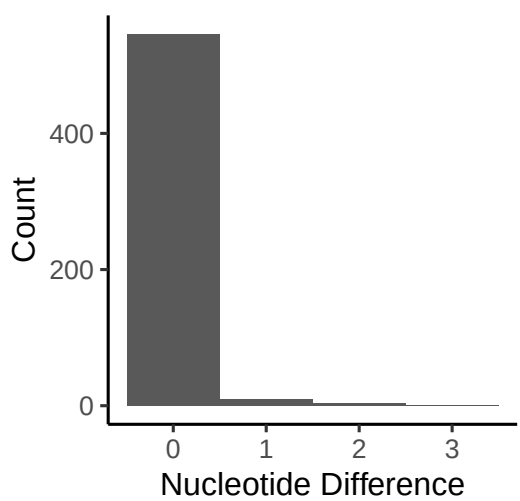
IGHV1−46*01

199 sequences assigned
193 (97%) exact matches, in which:
193 unique CDR3
6 unique J



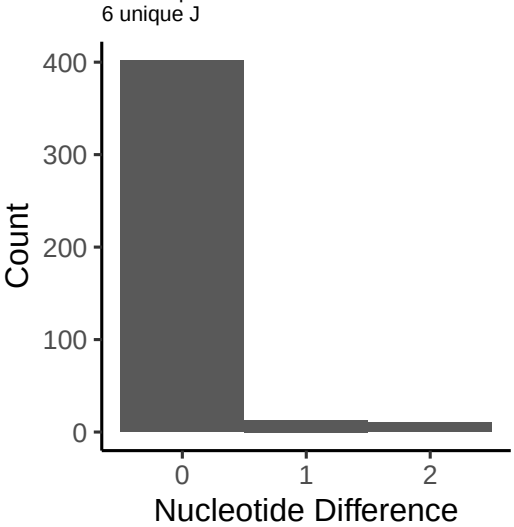
IGHV1−69*01_12_13

561 sequences assigned
546 (97.3%) exact matches, in which:
543 unique CDR3
6 unique J



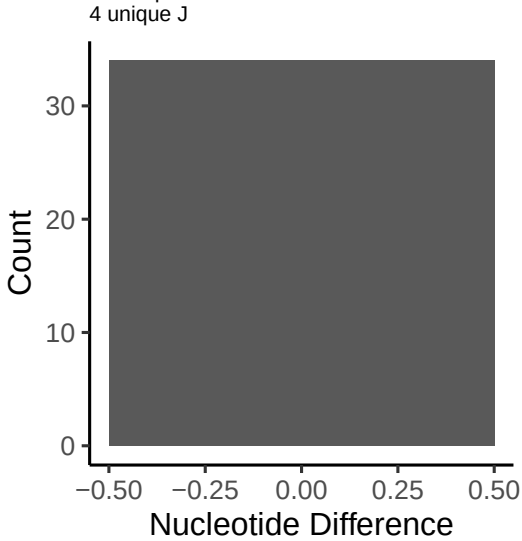
IGHV1−18*01

425 sequences assigned
402 (94.6%) exact matches, in which:
400 unique CDR3
6 unique J



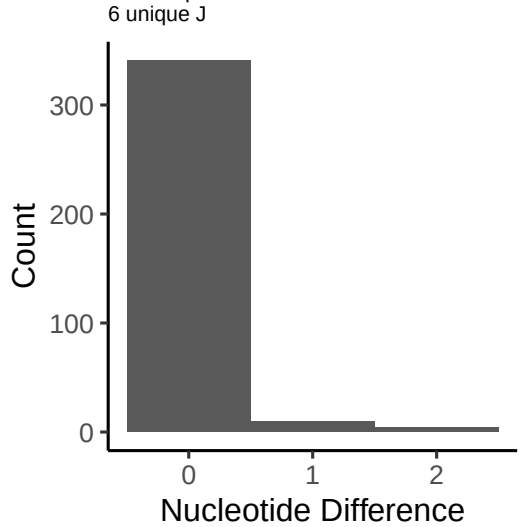
IGHV1−58*01_03

34 sequences assigned
34 (100%) exact matches, in which:
34 unique CDR3
4 unique J



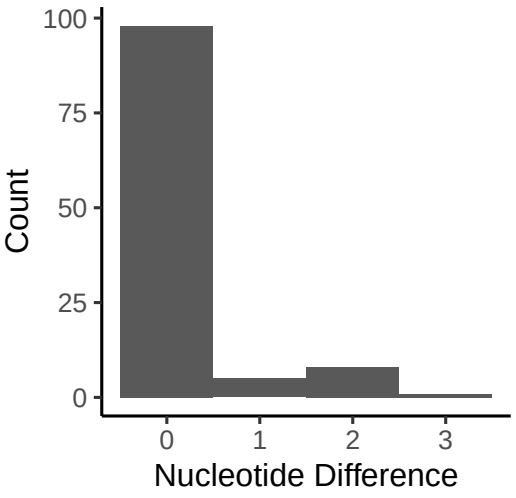
IGHV1−69*06_14

355 sequences assigned
341 (96.1%) exact matches, in which:
340 unique CDR3
6 unique J



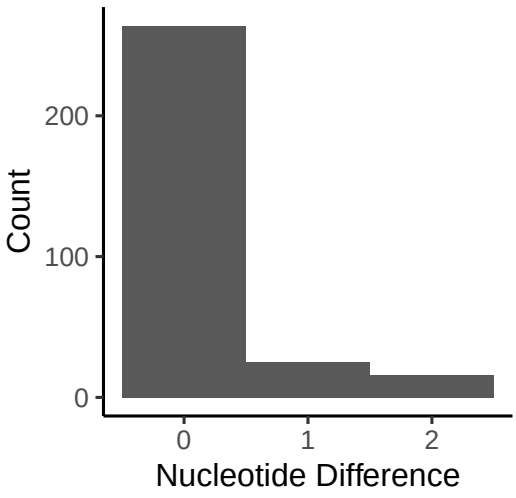
IGHV2−5*01

112 sequences assigned
98 (87.5%) exact matches, in which:
98 unique CDR3
6 unique J



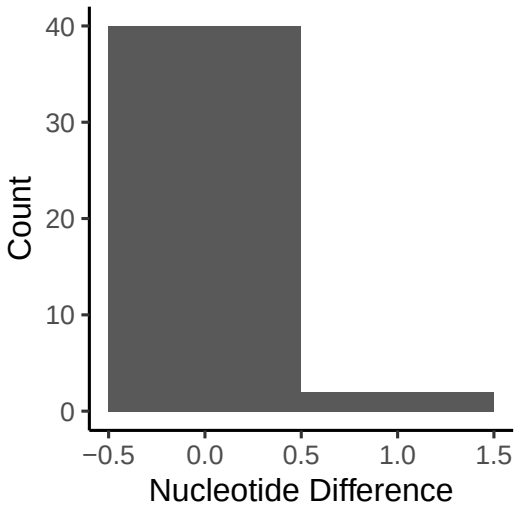
IGHV3−7*01

305 sequences assigned
264 (86.6%) exact matches, in which:
257 unique CDR3
6 unique J



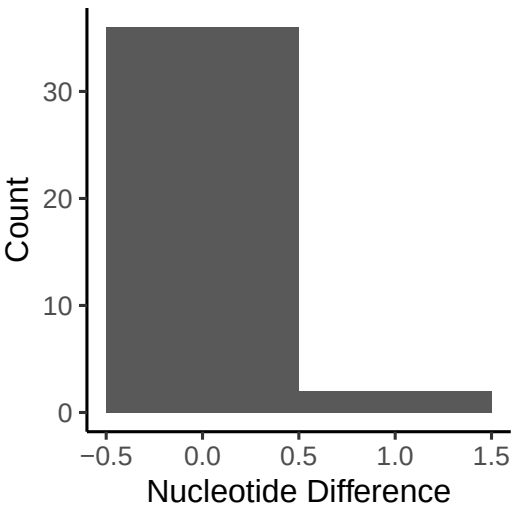
IGHV3−13*01

42 sequences assigned
40 (95.2%) exact matches, in which:
39 unique CDR3
5 unique J



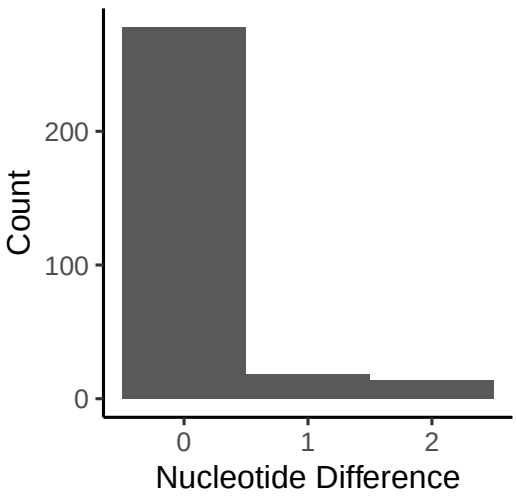
IGHV2−26*01

38 sequences assigned
36 (94.7%) exact matches, in which:
36 unique CDR3
5 unique J



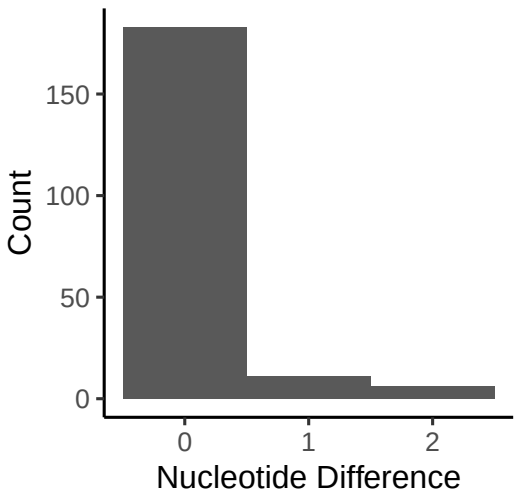
IGHV3−9*01

310 sequences assigned
278 (89.7%) exact matches, in which:
272 unique CDR3
6 unique J



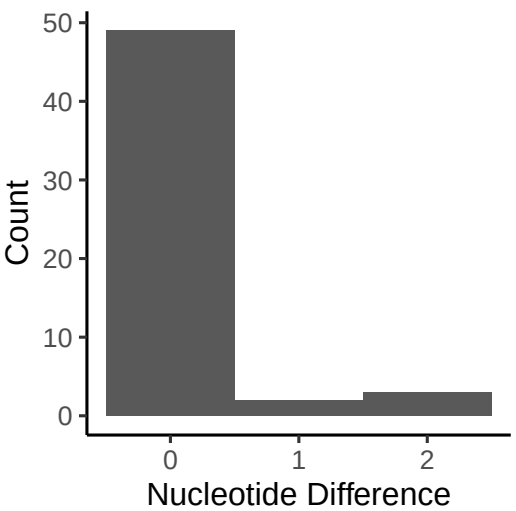
IGHV3−15*01_02

200 sequences assigned
183 (91.5%) exact matches, in which:
180 unique CDR3
6 unique J



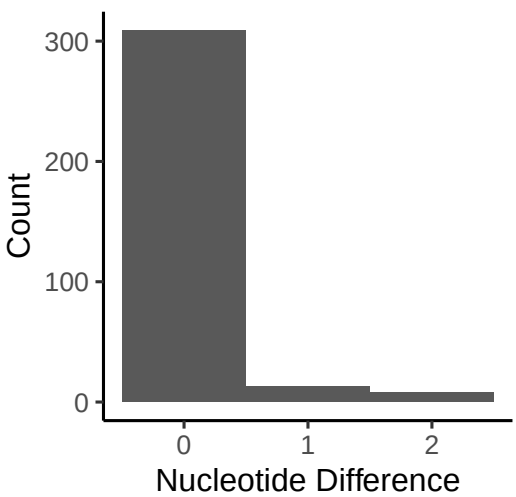
IGHV2−70*01

54 sequences assigned
49 (90.7%) exact matches, in which:
48 unique CDR3
5 unique J



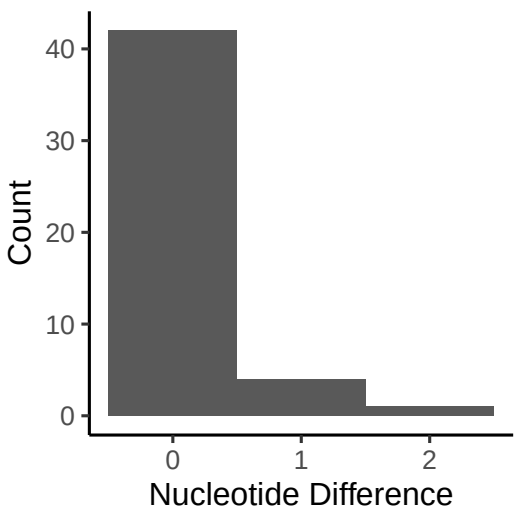
IGHV3−11*01

330 sequences assigned
309 (93.6%) exact matches, in which:
304 unique CDR3
6 unique J



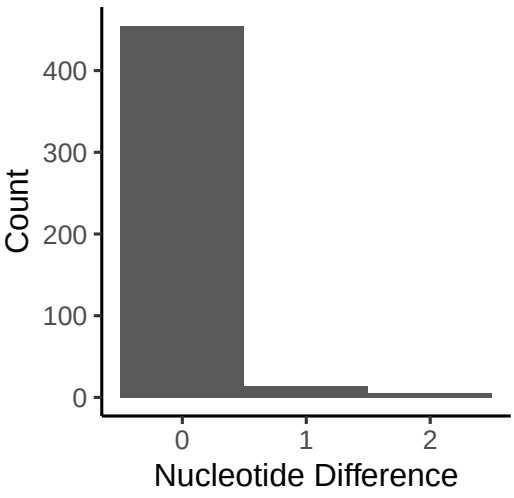
IGHV3−20*01_02

47 sequences assigned
42 (89.4%) exact matches, in which:
42 unique CDR3
5 unique J



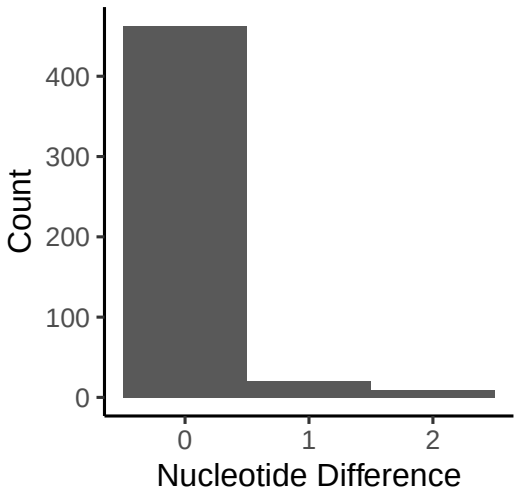
IGHV3−21*01_02

474 sequences assigned
455 (96%) exact matches, in which:
445 unique CDR3
6 unique J



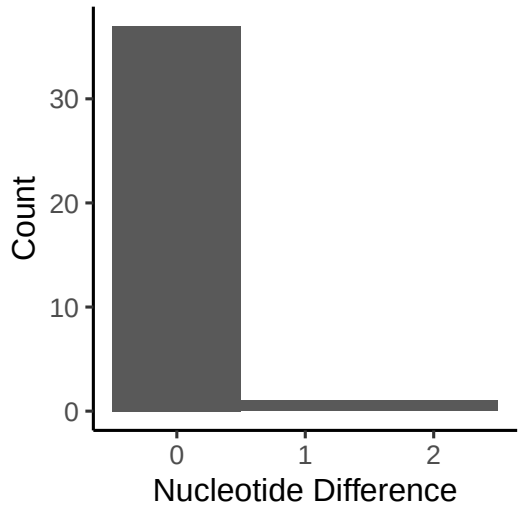
IGHV3−33*01

492 sequences assigned
463 (94.1%) exact matches, in which:
453 unique CDR3
6 unique J



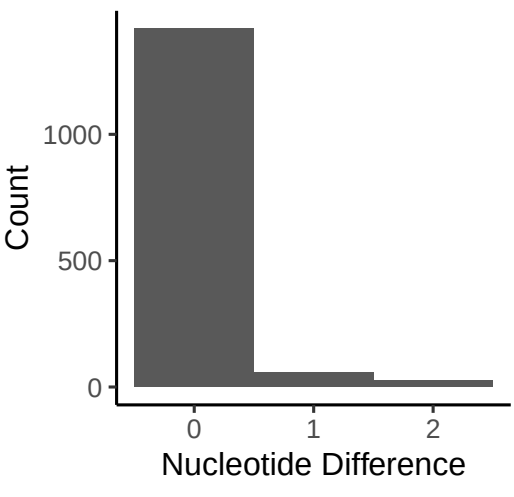
IGHV3−49*03_05

39 sequences assigned
37 (94.9%) exact matches, in which:
36 unique CDR3
4 unique J



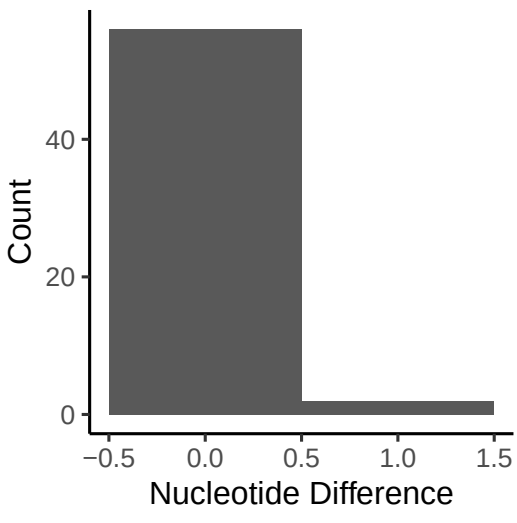
IGHV3−23*01_04

1502 sequences assigned
1418 (94.4%) exact matches, in which:
1374 unique CDR3
6 unique J



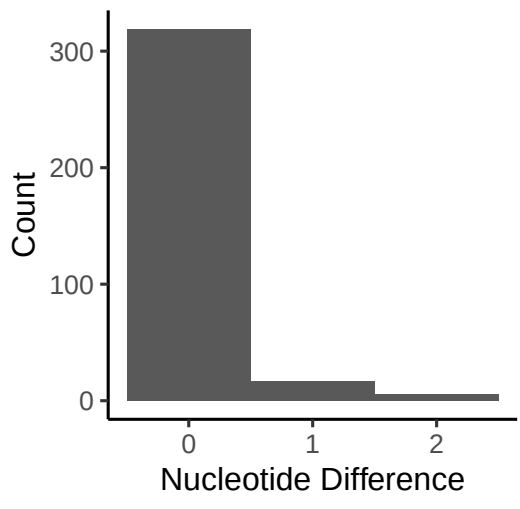
IGHV3−43*01

58 sequences assigned
56 (96.6%) exact matches, in which:
56 unique CDR3
6 unique J



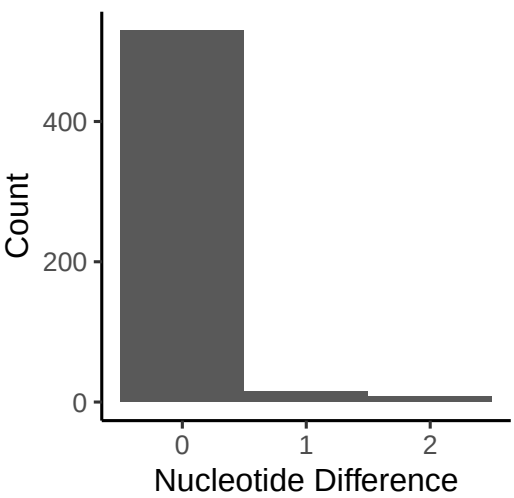
IGHV3−53*01_02

342 sequences assigned
319 (93.3%) exact matches, in which:
310 unique CDR3
6 unique J



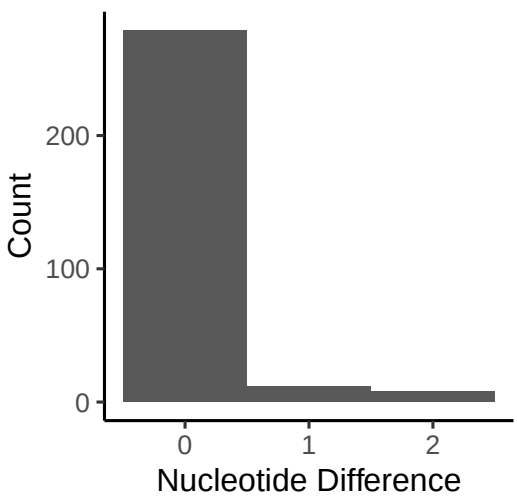
IGHV3−30−3*01

553 sequences assigned
530 (95.8%) exact matches, in which:
523 unique CDR3
6 unique J



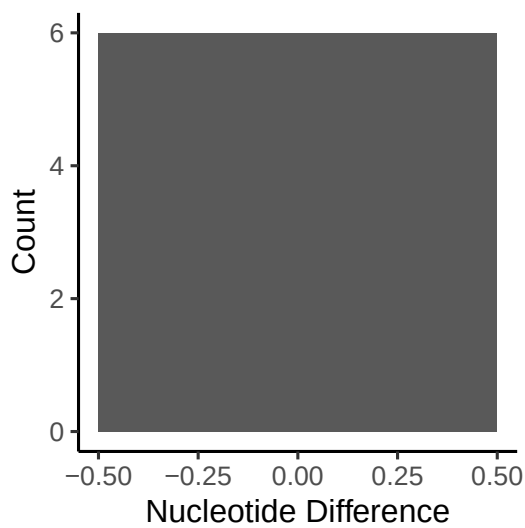
IGHV3−48*02

299 sequences assigned
279 (93.3%) exact matches, in which:
274 unique CDR3
6 unique J



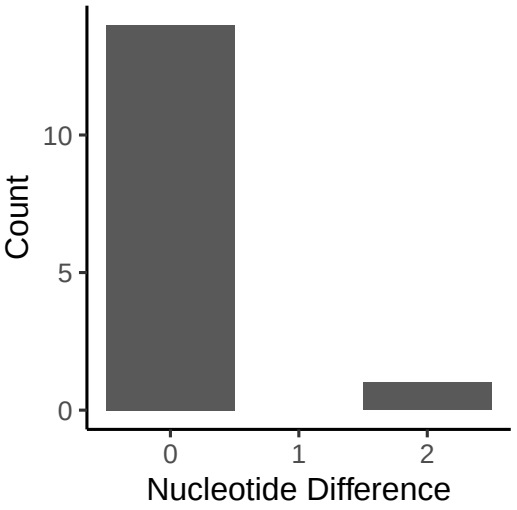
IGHV3−64*02_07

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



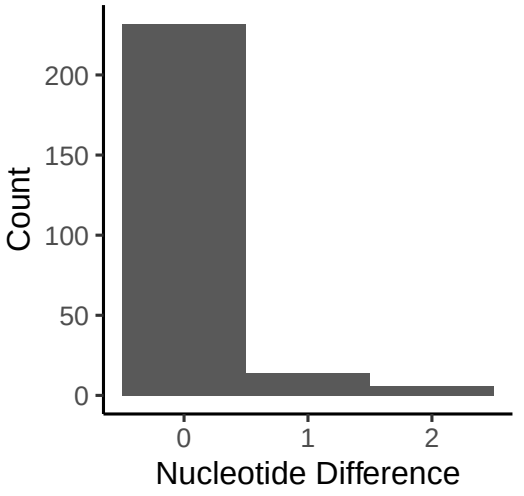
IGHV3−72*01

15 sequences assigned
14 (93.3%) exact matches, in which:
14 unique CDR3
3 unique J



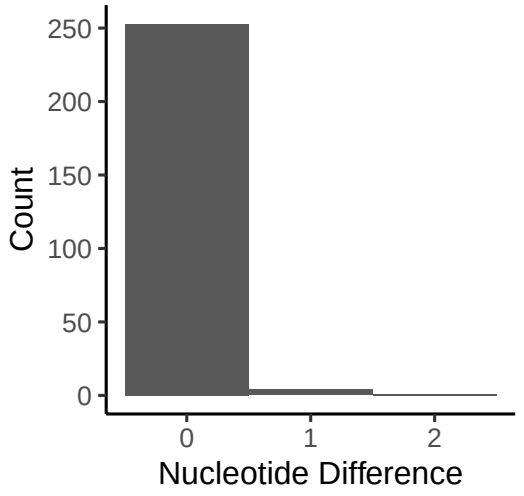
IGHV4−4*07

252 sequences assigned
232 (92.1%) exact matches, in which:
228 unique CDR3
6 unique J



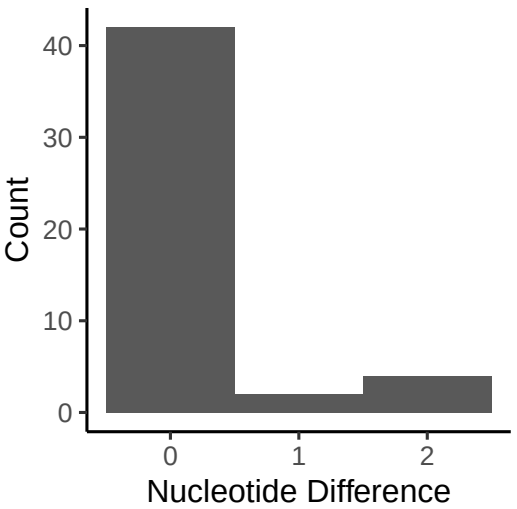
IGHV4−30−4*01

258 sequences assigned
253 (98.1%) exact matches, in which:
247 unique CDR3
6 unique J



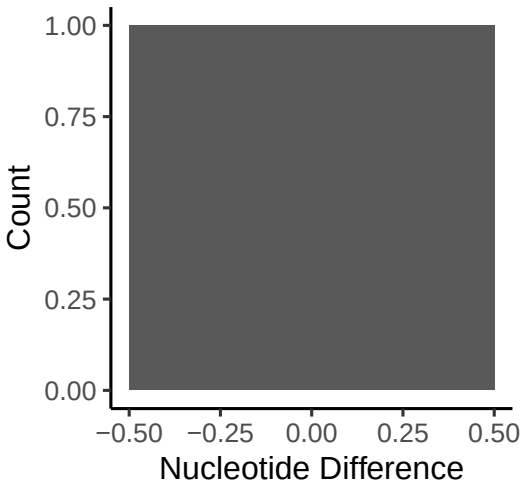
IGHV3−73*01_02

48 sequences assigned
42 (87.5%) exact matches, in which:
42 unique CDR3
5 unique J



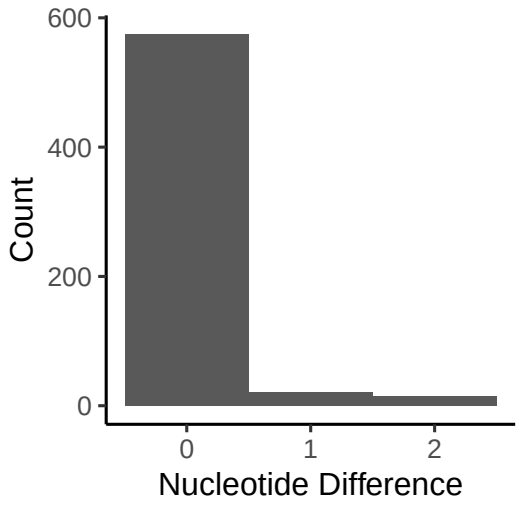
IGHV4−28*01_07

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



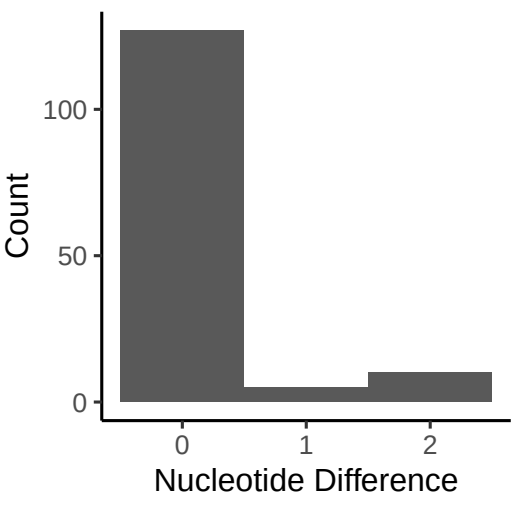
IGHV4−31*02

611 sequences assigned
575 (94.1%) exact matches, in which:
570 unique CDR3
6 unique J



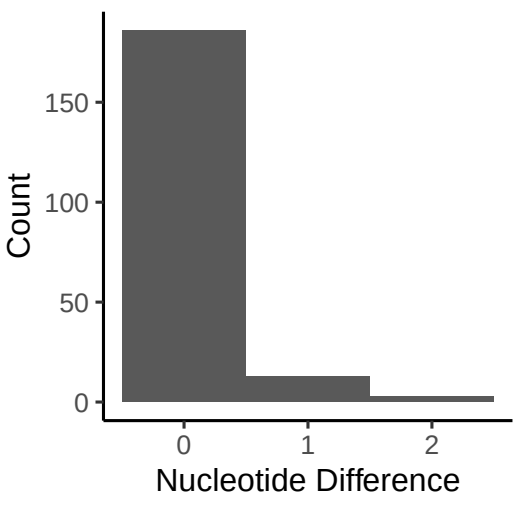
IGHV3−74*01_02

142 sequences assigned
127 (89.4%) exact matches, in which:
116 unique CDR3
5 unique J



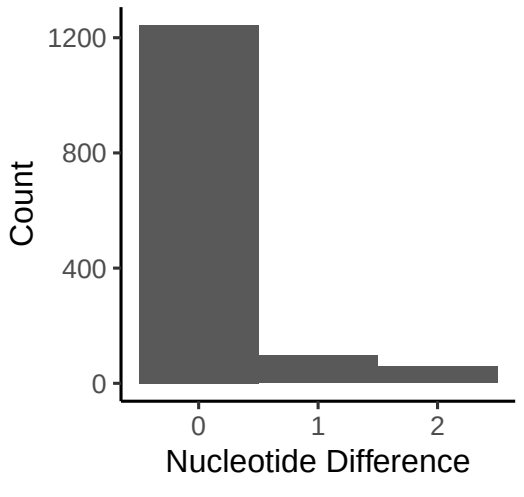
IGHV4−30−2*01

202 sequences assigned
186 (92.1%) exact matches, in which:
180 unique CDR3
6 unique J



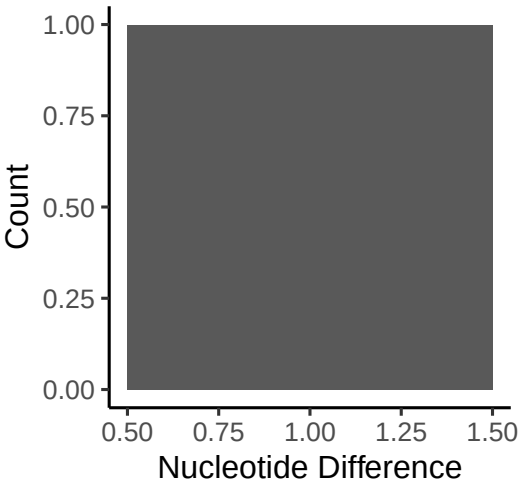
IGHV4−34*01_02

1400 sequences assigned
1244 (88.9%) exact matches, in which:
1213 unique CDR3
6 unique J



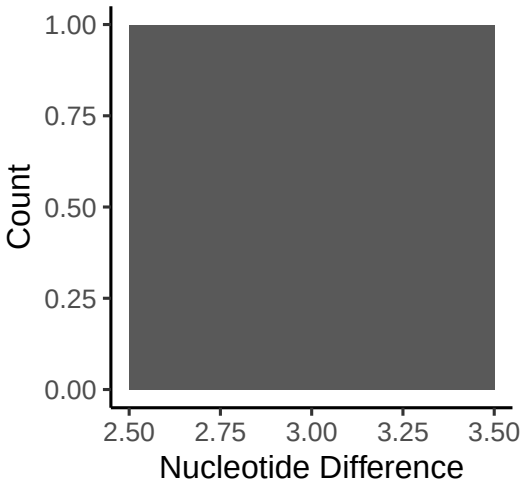
IGHV4−39*02

1 sequences assigned
No exact matches.



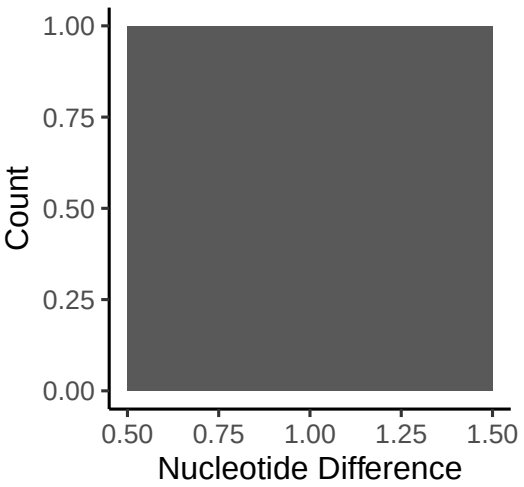
IGHV4/OR15−8*01

1 sequences assigned
No exact matches.



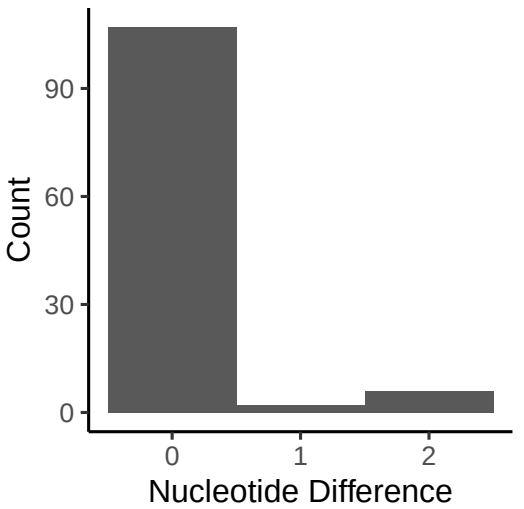
IGHV4−59*11

1 sequences assigned
No exact matches.



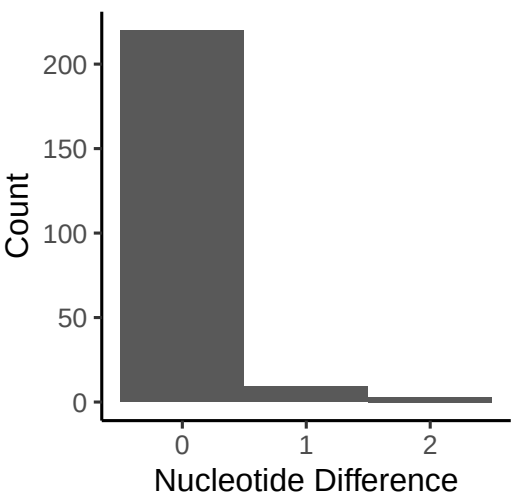
IGHV6−1*01_02

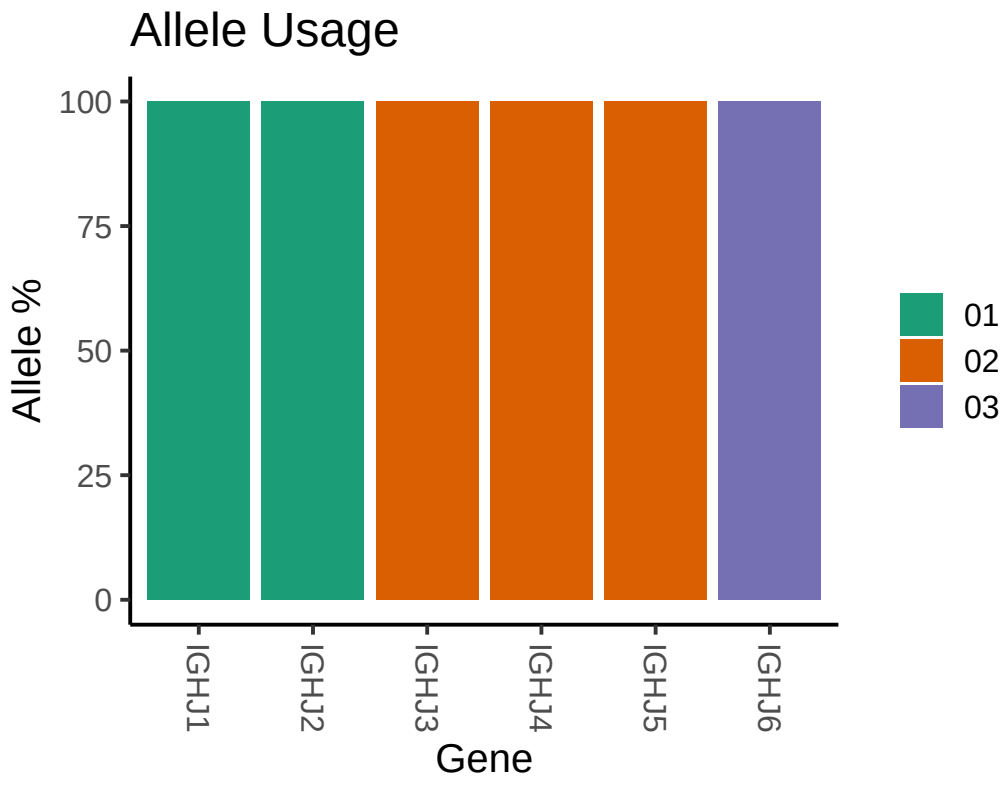
115 sequences assigned
107 (93%) exact matches, in which:
106 unique CDR3
6 unique J



IGHV4−61*01

232 sequences assigned
220 (94.8%) exact matches, in which:
218 unique CDR3
6 unique J




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

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.