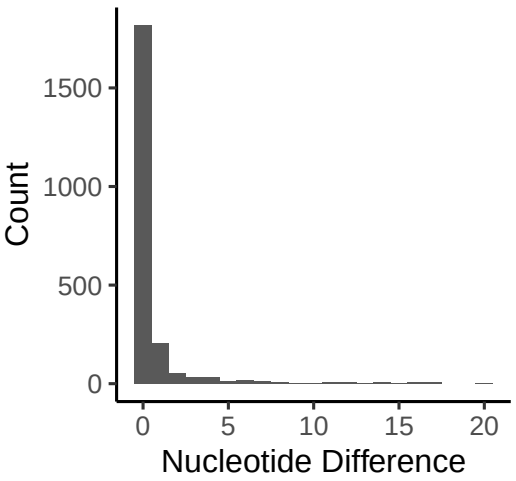
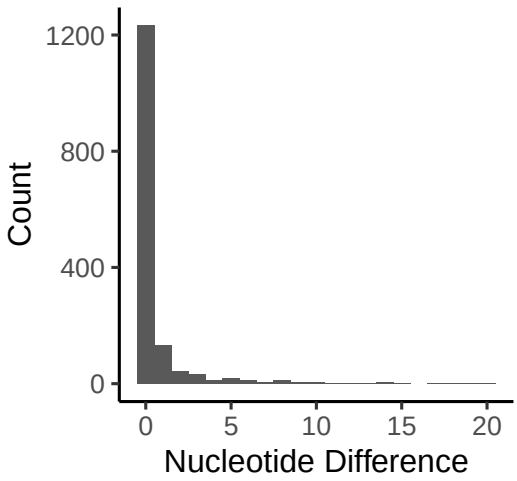
IGHV1−2*02

2271 sequences assigned
1817 (80%) exact matches, in which:
1698 unique CDR3
6 unique J



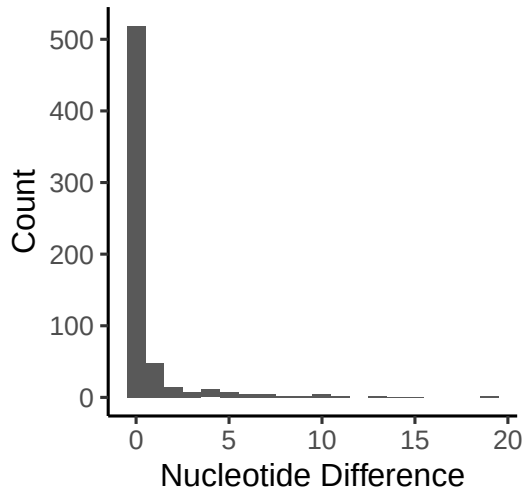
IGHV1−18*01

1535 sequences assigned
1233 (80.3%) exact matches, in which:
1182 unique CDR3
6 unique J



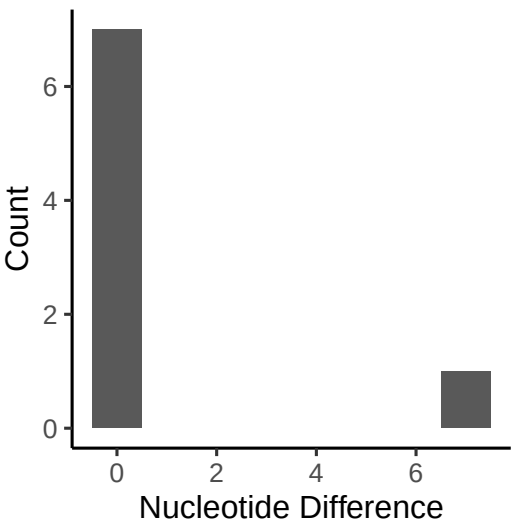
IGHV1−46*03

635 sequences assigned
519 (81.7%) exact matches, in which:
483 unique CDR3
6 unique J



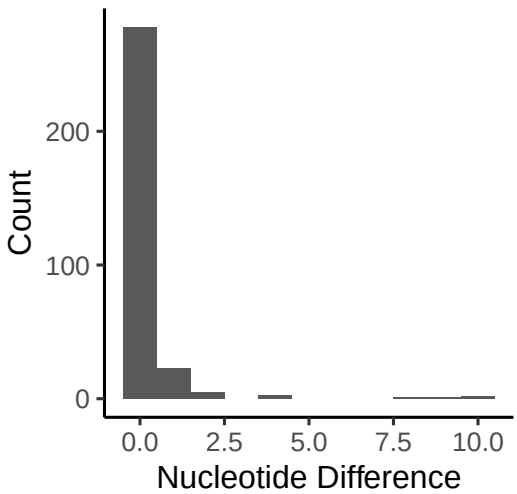
IGHV1−3*02

8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
3 unique J



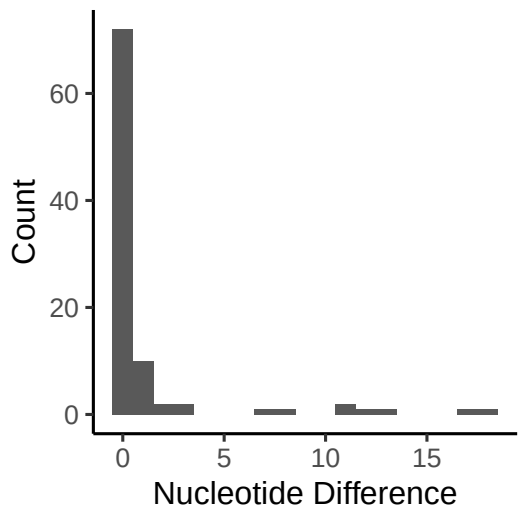
IGHV1−24*01

313 sequences assigned
278 (88.8%) exact matches, in which:
265 unique CDR3
6 unique J



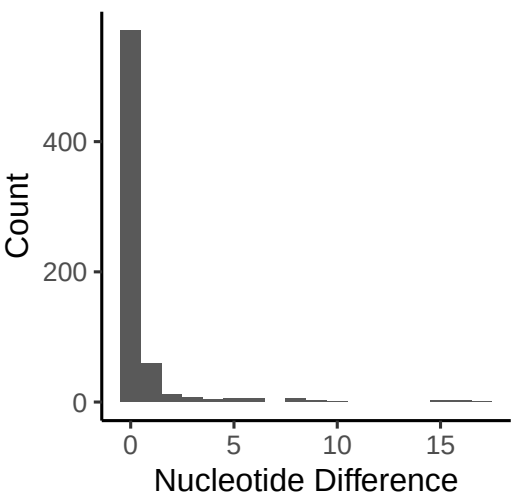
IGHV1−58*02

96 sequences assigned
72 (75%) exact matches, in which:
69 unique CDR3
5 unique J



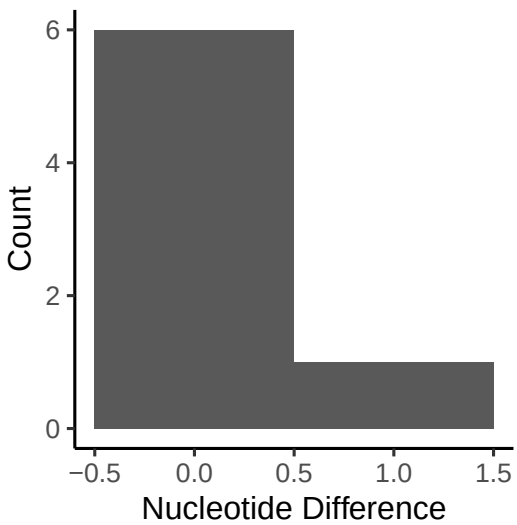
IGHV1−8*01

680 sequences assigned
571 (84%) exact matches, in which:
535 unique CDR3
6 unique J



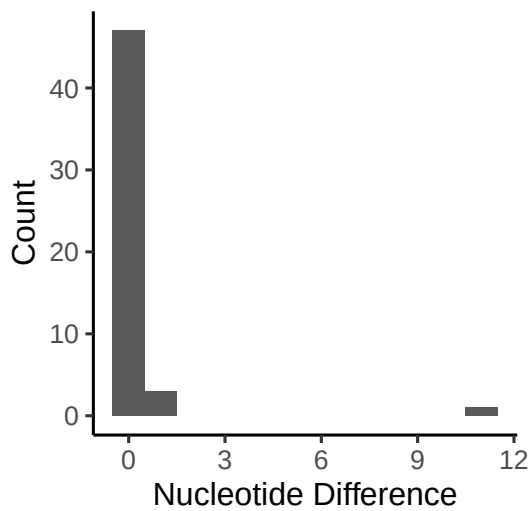
IGHV1−45*02

7 sequences assigned
6 (85.7%) exact matches, in which:
6 unique CDR3
2 unique J



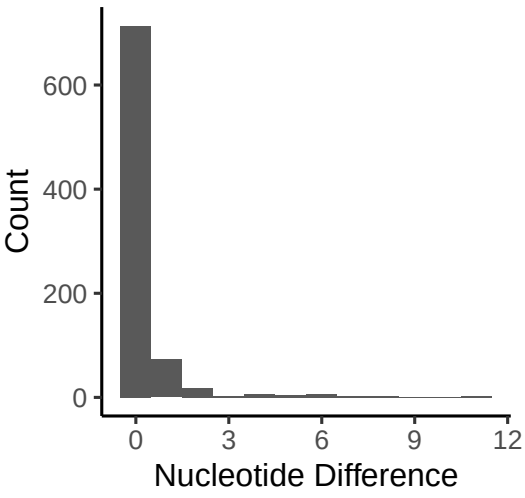
IGHV1−69−2*01

51 sequences assigned
47 (92.2%) exact matches, in which:
47 unique CDR3
5 unique J



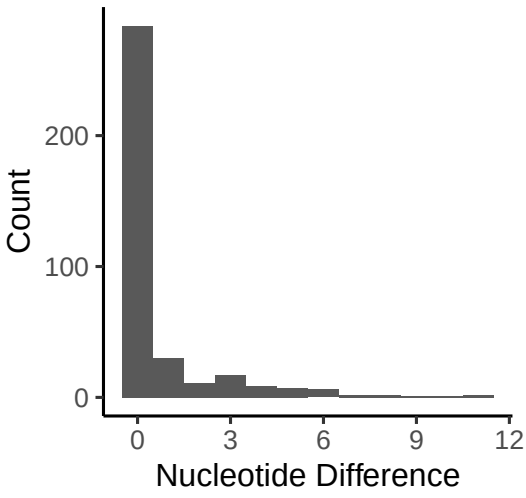
IGHV1−69*02

834 sequences assigned
714 (85.6%) exact matches, in which:
678 unique CDR3
6 unique J



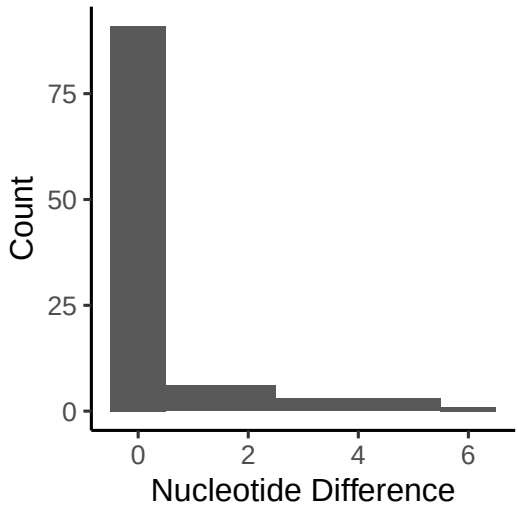
IGHV2−5*02

373 sequences assigned
284 (76.1%) exact matches, in which:
277 unique CDR3
6 unique J



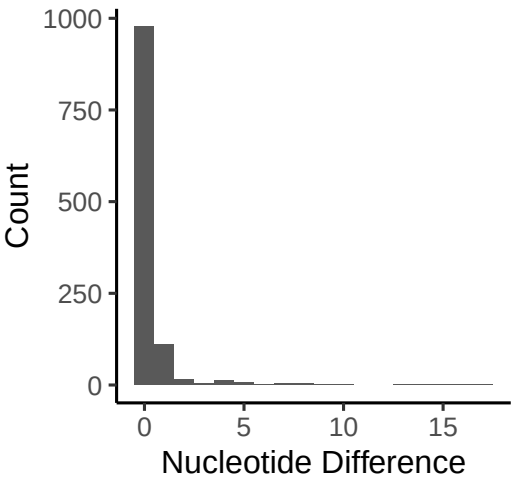
IGHV2−70*15

113 sequences assigned
91 (80.5%) exact matches, in which:
86 unique CDR3
6 unique J



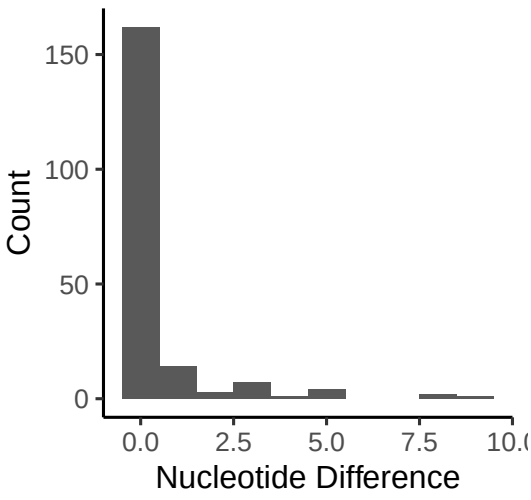
IGHV1−69*09

1149 sequences assigned
977 (85%) exact matches, in which:
910 unique CDR3
6 unique J



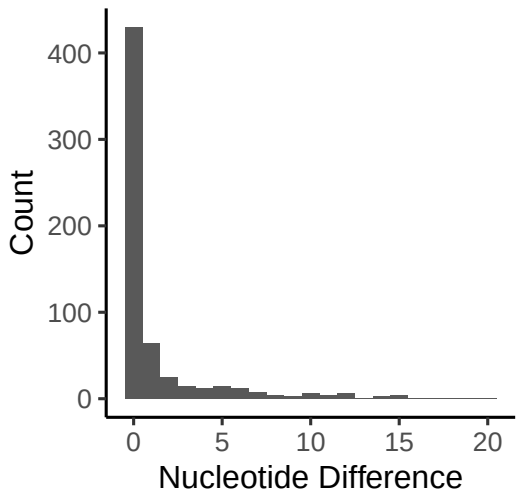
IGHV2−26*01

194 sequences assigned
162 (83.5%) exact matches, in which:
156 unique CDR3
6 unique J



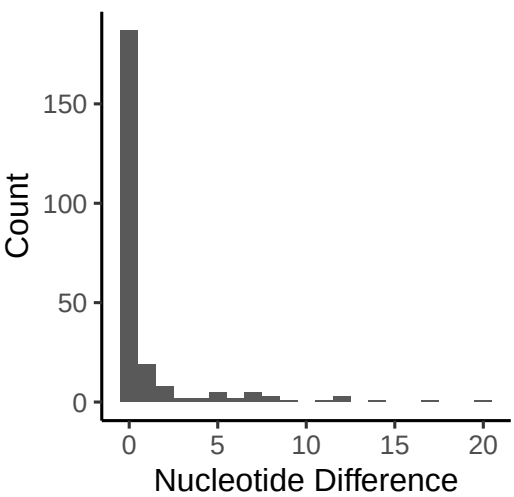
IGHV3−7*01

626 sequences assigned
430 (68.7%) exact matches, in which:
412 unique CDR3
6 unique J



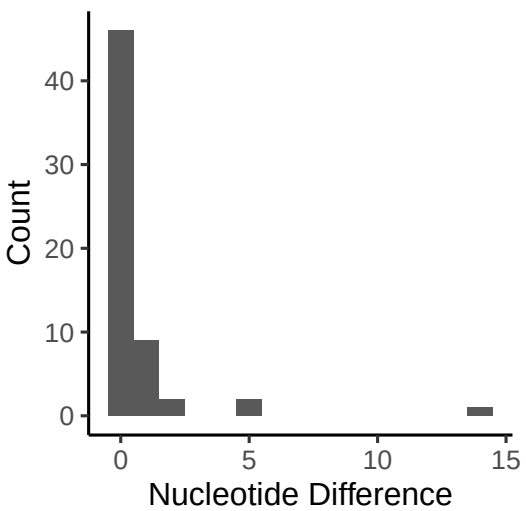
IGHV2−5*01

243 sequences assigned
187 (77%) exact matches, in which:
181 unique CDR3
6 unique J



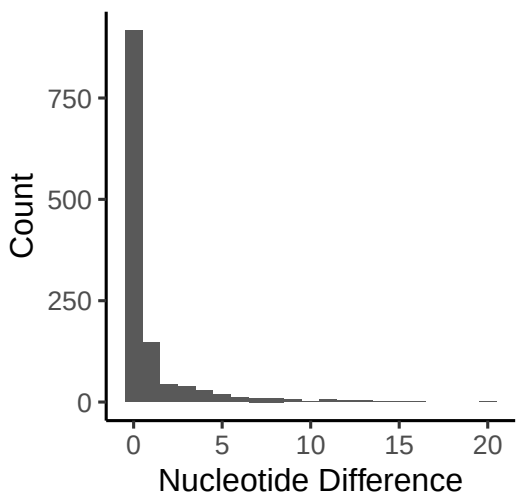
IGHV2−70*01

61 sequences assigned
46 (75.4%) exact matches, in which:
46 unique CDR3
4 unique J



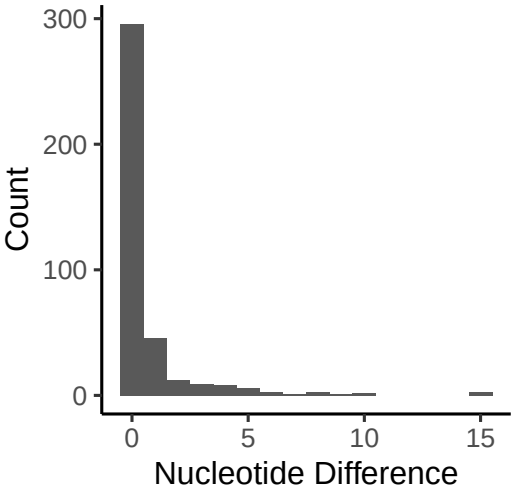
IGHV3−9*01

1249 sequences assigned
917 (73.4%) exact matches, in which:
853 unique CDR3
6 unique J



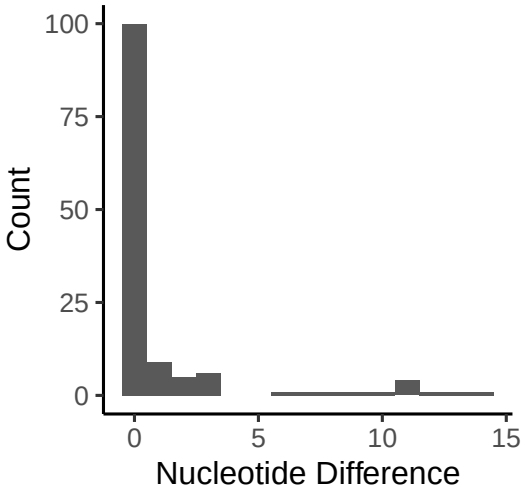
IGHV3−11*01

394 sequences assigned
296 (75.1%) exact matches, in which:
284 unique CDR3
6 unique J



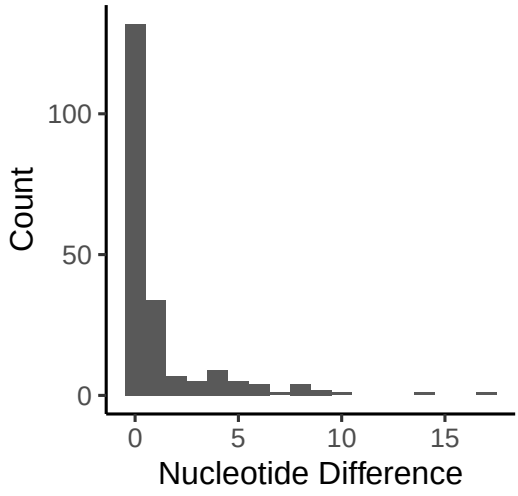
IGHV3−13*04

132 sequences assigned
100 (75.8%) exact matches, in which:
91 unique CDR3
5 unique J



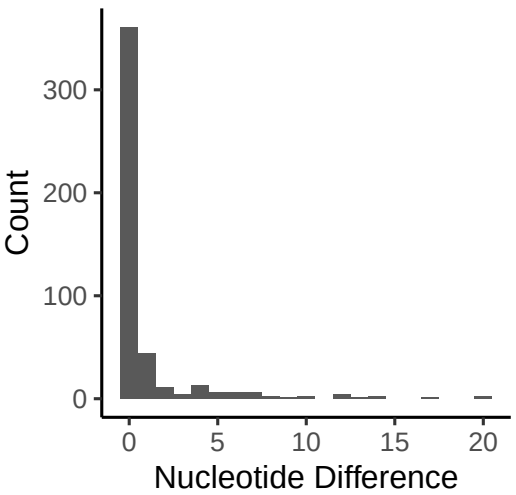
IGHV3−20*04

207 sequences assigned
132 (63.8%) exact matches, in which:
123 unique CDR3
5 unique J



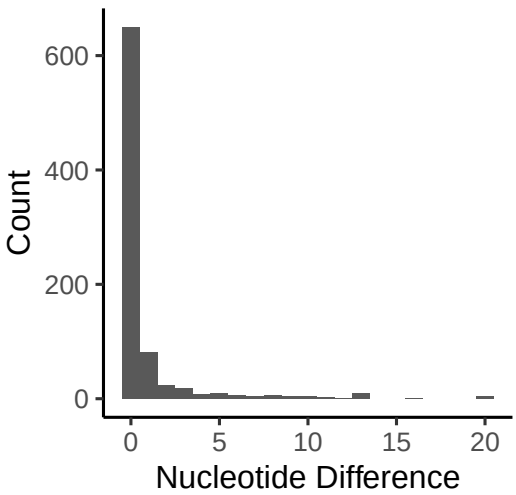
IGHV3−11*05

471 sequences assigned
361 (76.6%) exact matches, in which:
344 unique CDR3
6 unique J



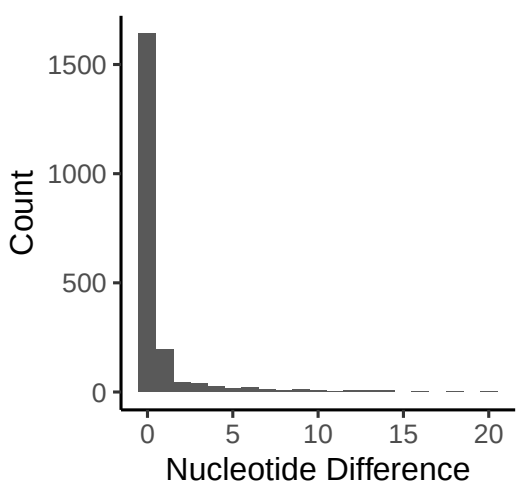
IGHV3−15*01

847 sequences assigned
650 (76.7%) exact matches, in which:
616 unique CDR3
6 unique J



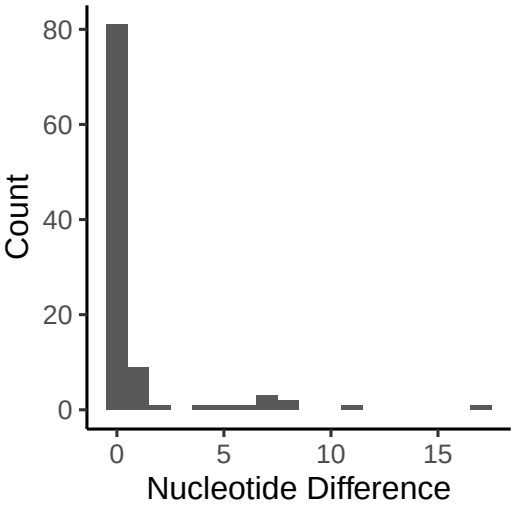
IGHV3−21*01

2049 sequences assigned
1641 (80.1%) exact matches, in which:
1540 unique CDR3
6 unique J



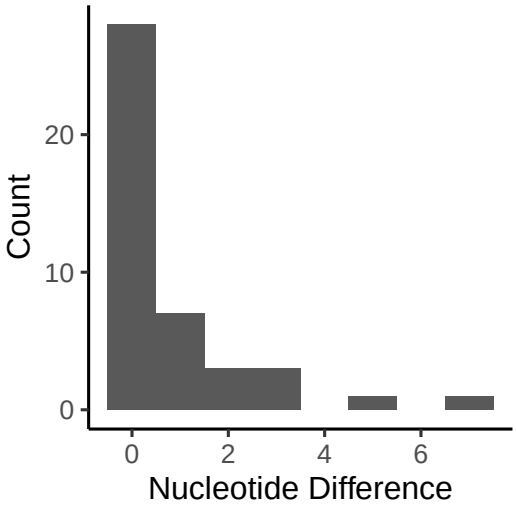
IGHV3−13*01

101 sequences assigned
81 (80.2%) exact matches, in which:
77 unique CDR3
5 unique J



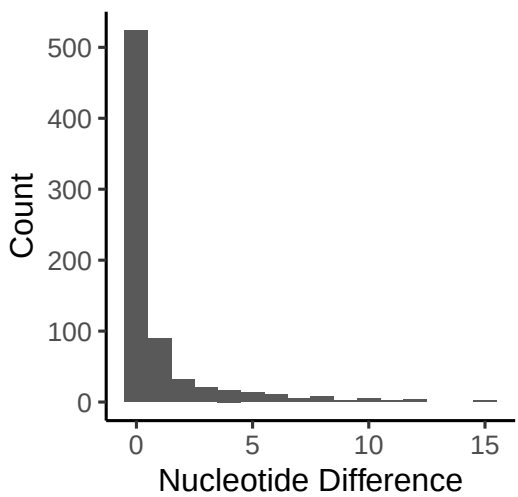
IGHV3−20*01

43 sequences assigned
28 (65.1%) exact matches, in which:
26 unique CDR3
4 unique J



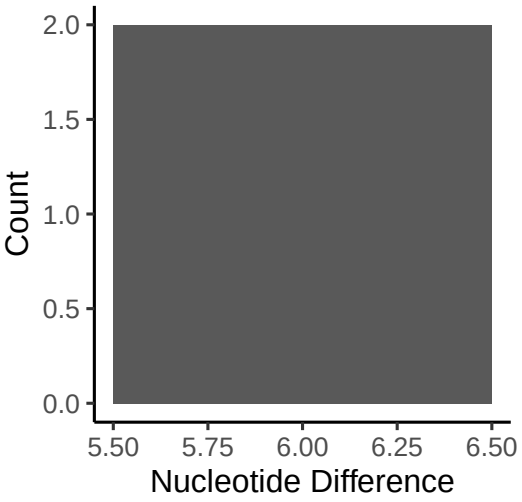
IGHV3−33*01

740 sequences assigned
524 (70.8%) exact matches, in which:
493 unique CDR3
6 unique J



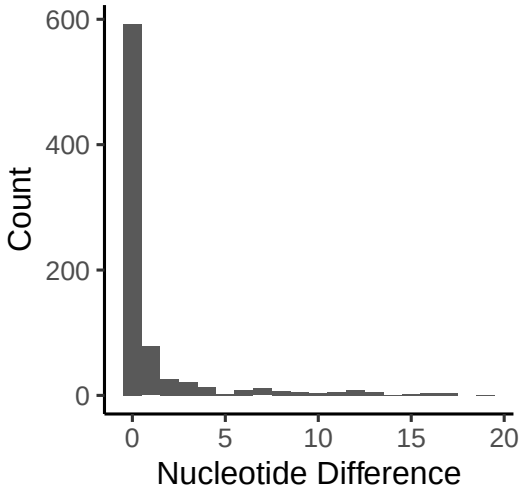
IGHV3−41*02

2 sequences assigned
No exact matches.



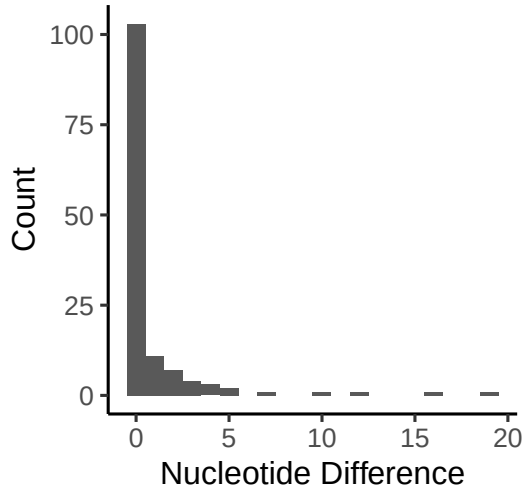
IGHV3−48*01

801 sequences assigned
593 (74%) exact matches, in which:
562 unique CDR3
6 unique J



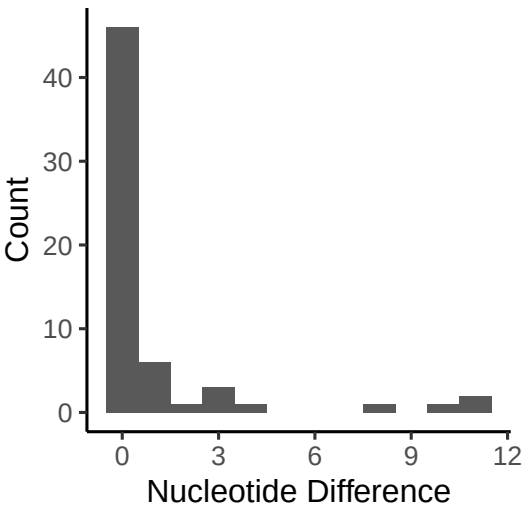
IGHV3−53*02

135 sequences assigned
103 (76.3%) exact matches, in which:
94 unique CDR3
5 unique J



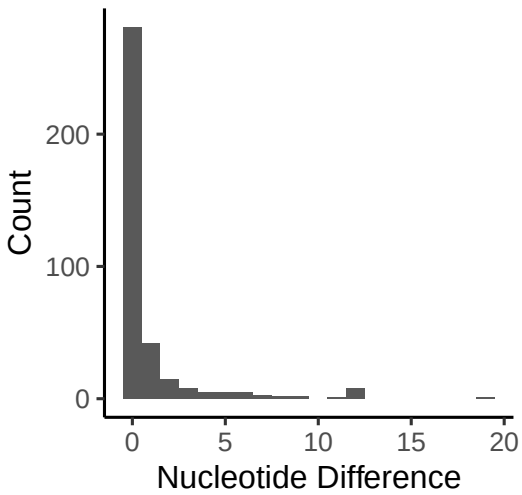
IGHV3−43*01

61 sequences assigned
46 (75.4%) exact matches, in which:
45 unique CDR3
4 unique J



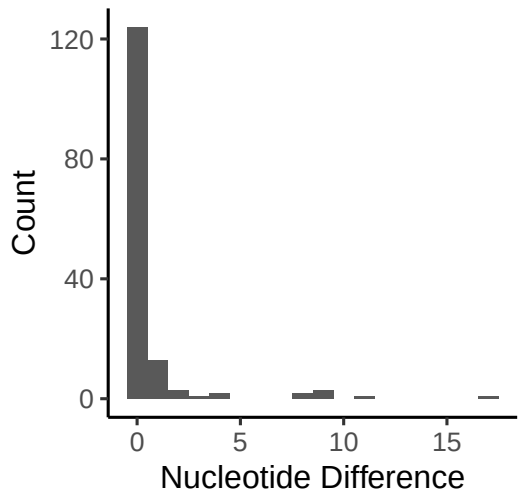
IGHV3−49*03

378 sequences assigned
281 (74.3%) exact matches, in which:
264 unique CDR3
5 unique J



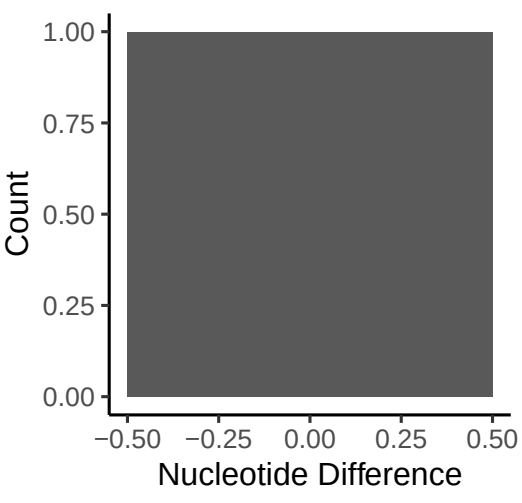
IGHV3−53*04

152 sequences assigned
124 (81.6%) exact matches, in which:
116 unique CDR3
6 unique J



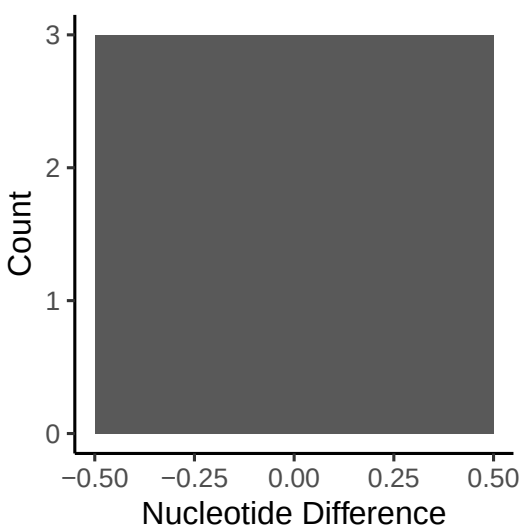
IGHV3−47*02

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



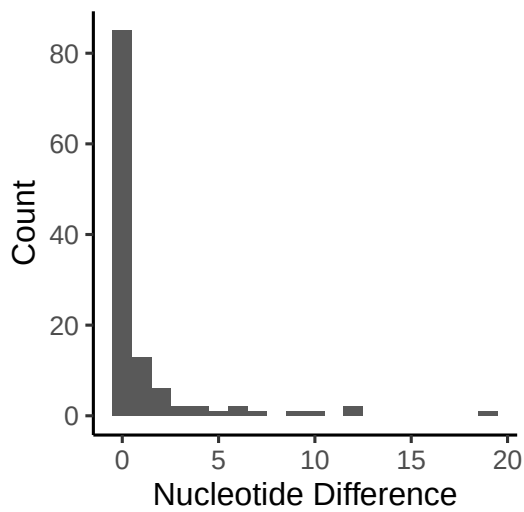
IGHV3−52*01

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
2 unique J



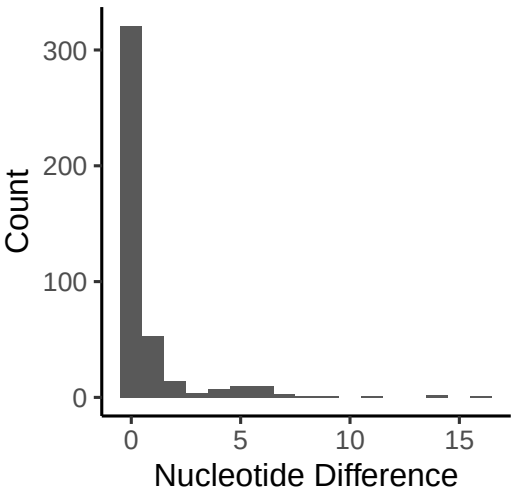
IGHV3−64*01

126 sequences assigned
85 (67.5%) exact matches, in which:
81 unique CDR3
5 unique J



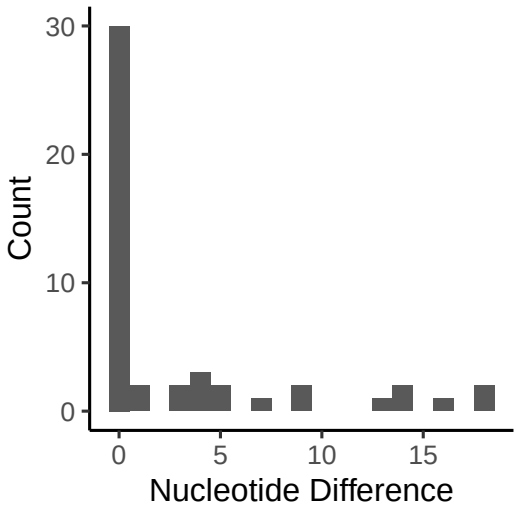
IGHV3−66*01

429 sequences assigned
321 (74.8%) exact matches, in which:
298 unique CDR3
6 unique J



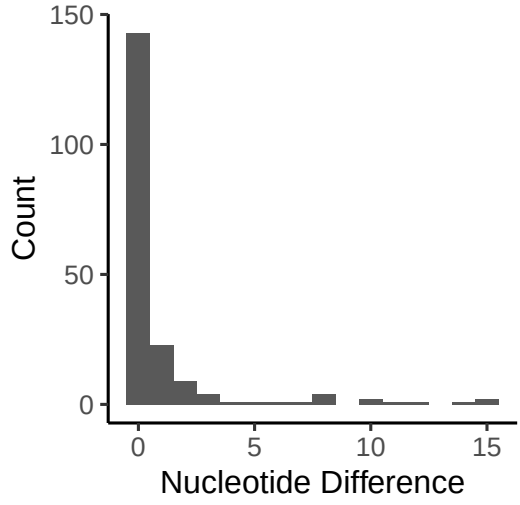
IGHV3−72*01

49 sequences assigned
30 (61.2%) exact matches, in which:
28 unique CDR3
5 unique J



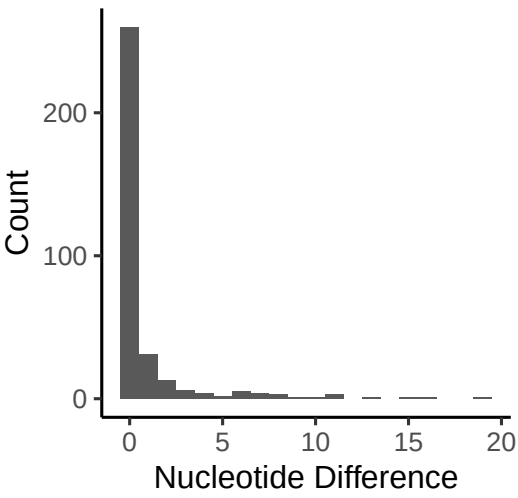
IGHV3−64D*09

195 sequences assigned
143 (73.3%) exact matches, in which:
134 unique CDR3
5 unique J



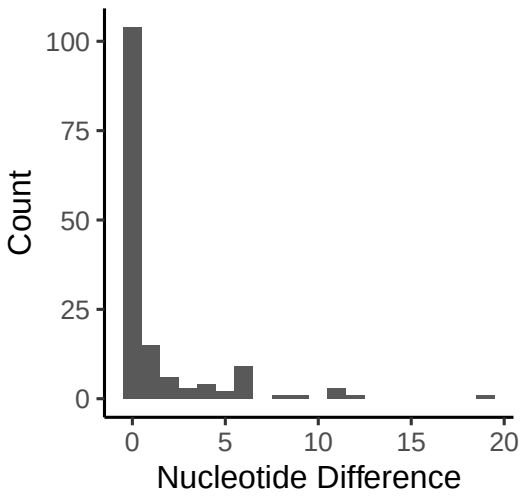
IGHV3−66*02

338 sequences assigned
260 (76.9%) exact matches, in which:
247 unique CDR3
6 unique J



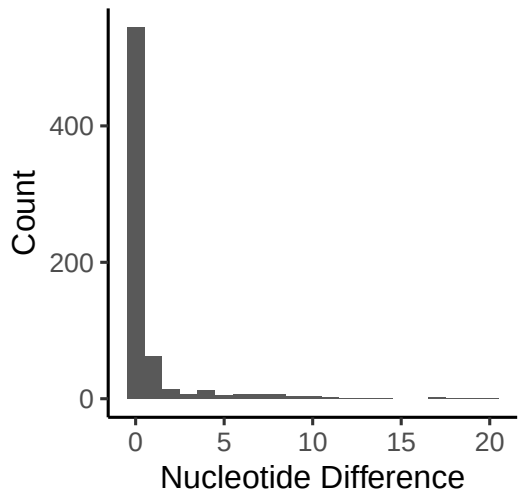
IGHV3−73*01

151 sequences assigned
104 (68.9%) exact matches, in which:
99 unique CDR3
5 unique J



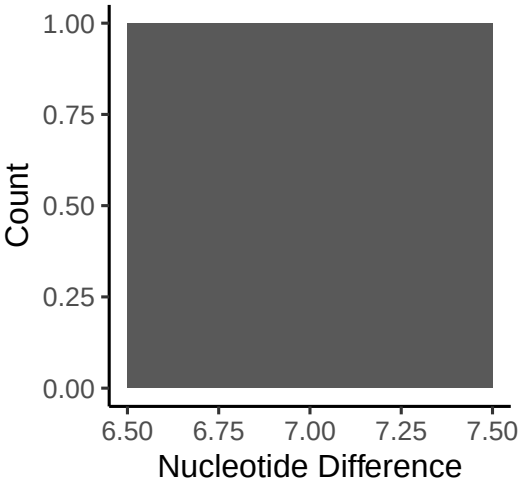
IGHV4−4*07

686 sequences assigned
545 (79.4%) exact matches, in which:
525 unique CDR3
6 unique J



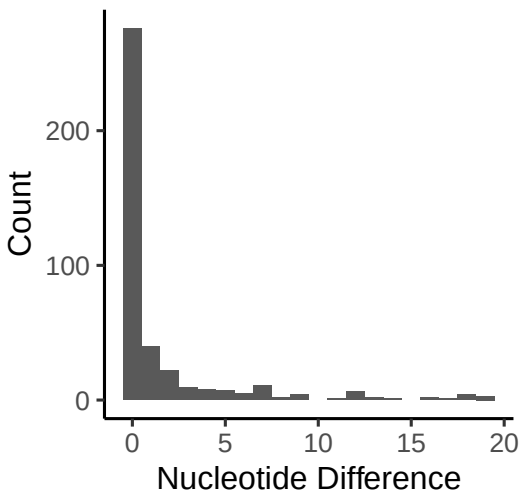
IGHV3−69−1*01

1 sequences assigned
No exact matches.



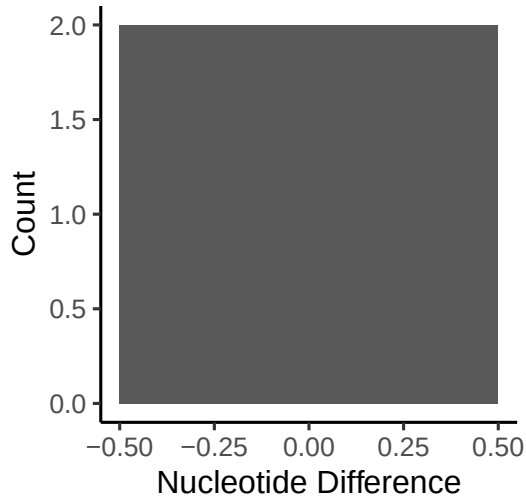
IGHV3−74*01

405 sequences assigned
276 (68.1%) exact matches, in which:
256 unique CDR3
6 unique J



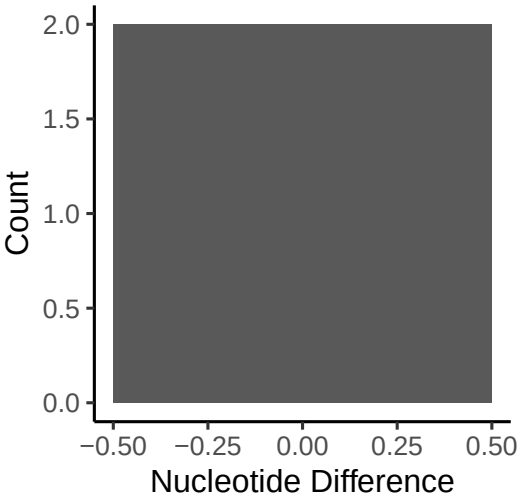
IGHV4−28*01

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



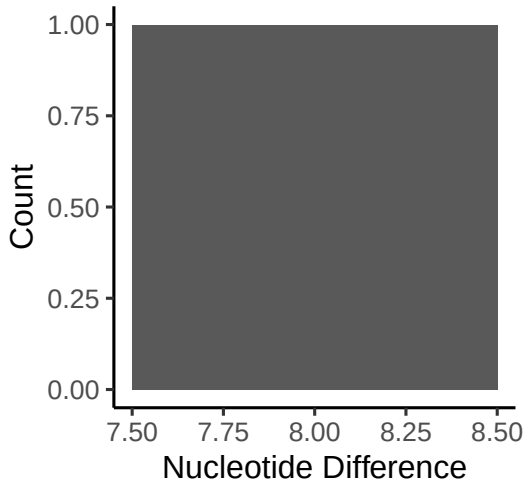
IGHV4−28*03

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



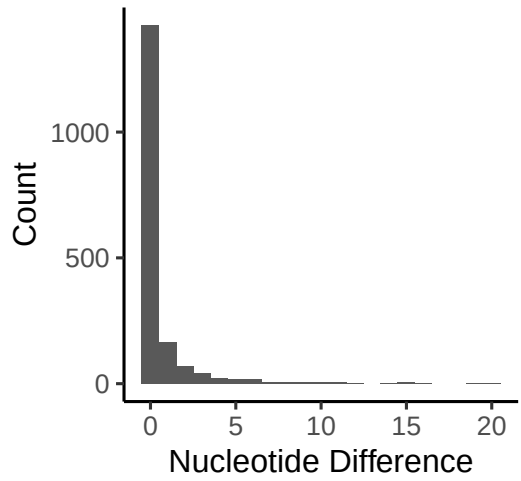
IGHV4−30−4*02

1 sequences assigned
No exact matches.



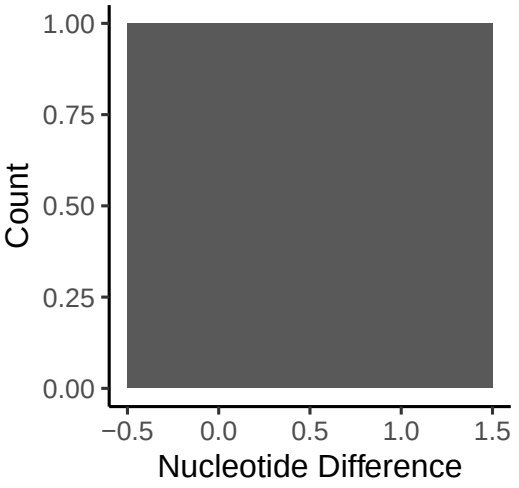
IGHV4−34*01

1810 sequences assigned
1424 (78.7%) exact matches, in which:
1320 unique CDR3
6 unique J



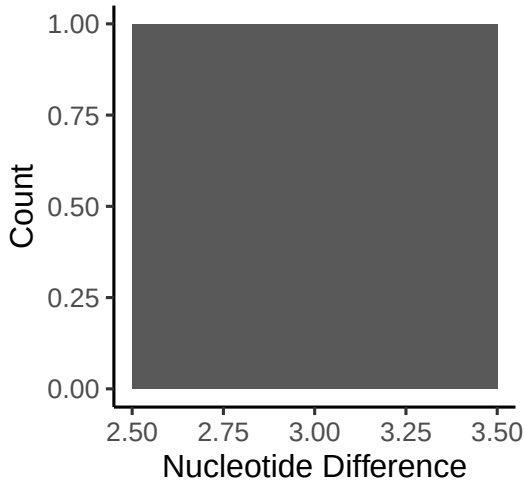
IGHV4−28*04

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



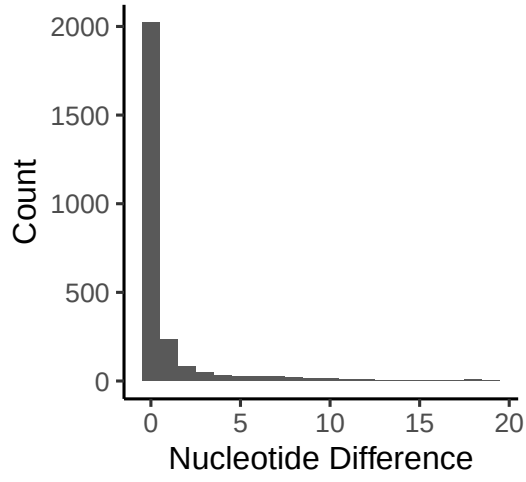
IGHV4−30−2*03

1 sequences assigned
No exact matches.



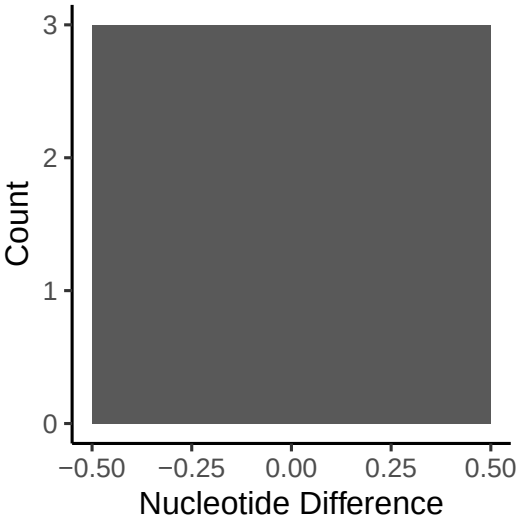
IGHV4−39*01

2579 sequences assigned
2021 (78.4%) exact matches, in which:
1880 unique CDR3
6 unique J



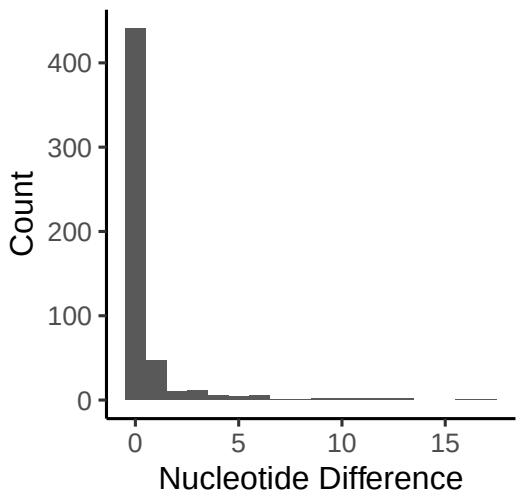
IGHV4−28*07

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



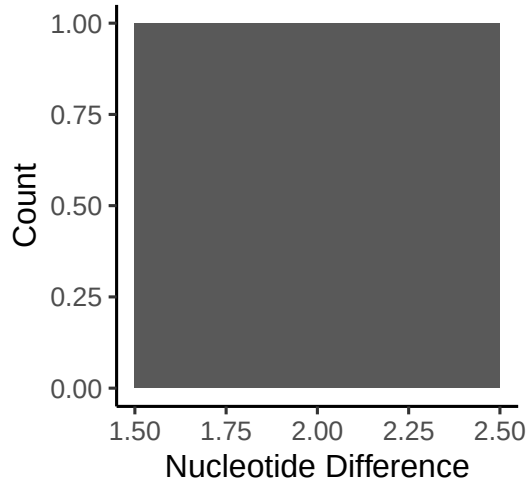
IGHV4−31*03

539 sequences assigned
441 (81.8%) exact matches, in which:
419 unique CDR3
6 unique J



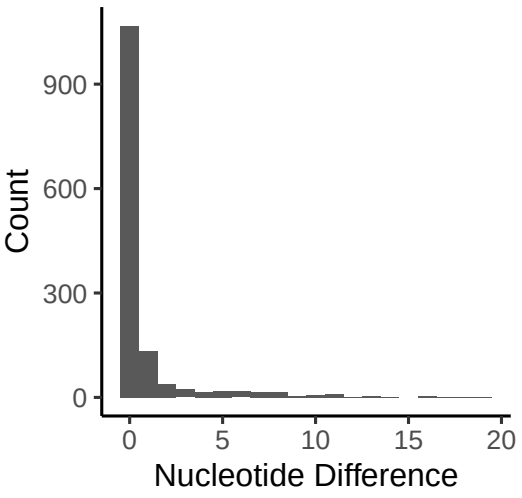
IGHV4−55*08

1 sequences assigned
No exact matches.



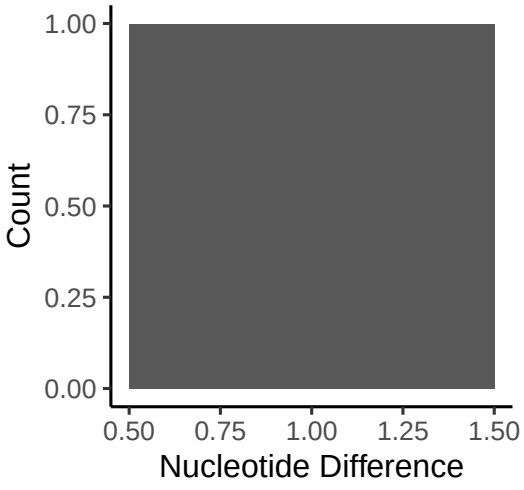
IGHV4−59*01

1384 sequences assigned
1068 (77.2%) exact matches, in which:
1013 unique CDR3
6 unique J



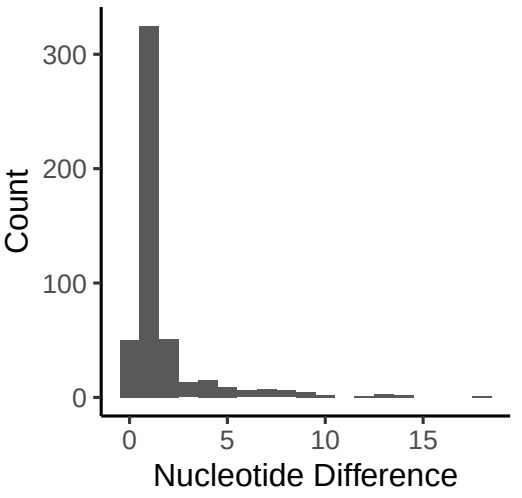
IGHV1/OR15−1*03

1 sequences assigned
No exact matches.



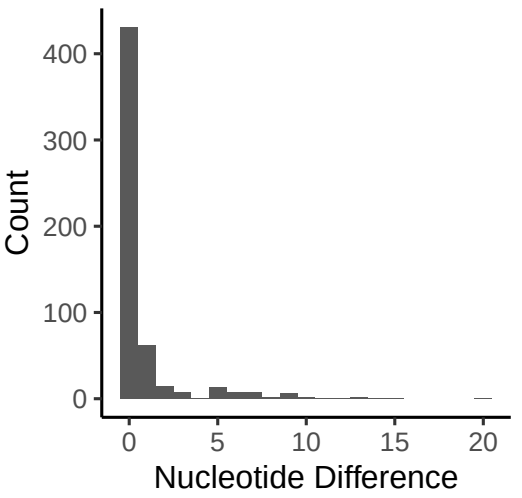
IGHV5−51*01

496 sequences assigned
50 (10.1%) exact matches, in which:
50 unique CDR3
5 unique J



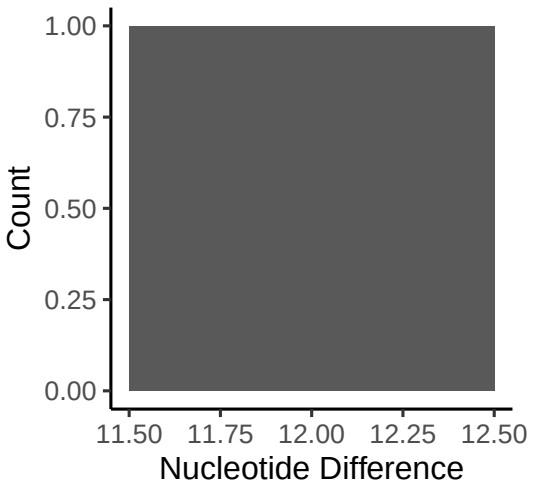
IGHV4−59*08

563 sequences assigned
431 (76.6%) exact matches, in which:
414 unique CDR3
6 unique J



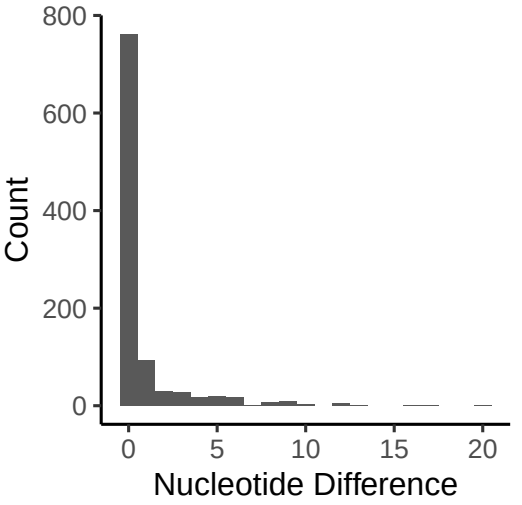
IGHV1/OR15−9*01

1 sequences assigned
No exact matches.



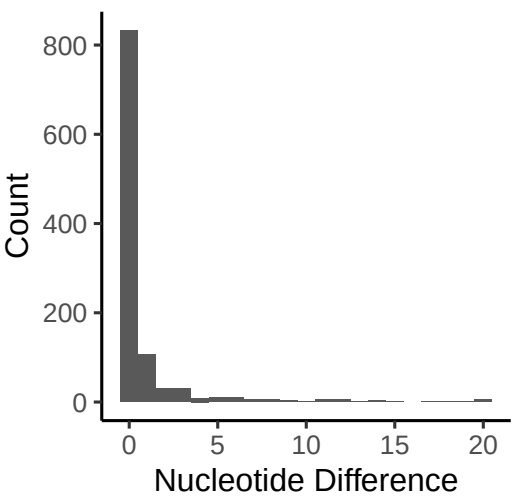
IGHV5−51*03

1008 sequences assigned
762 (75.6%) exact matches, in which:
716 unique CDR3
6 unique J



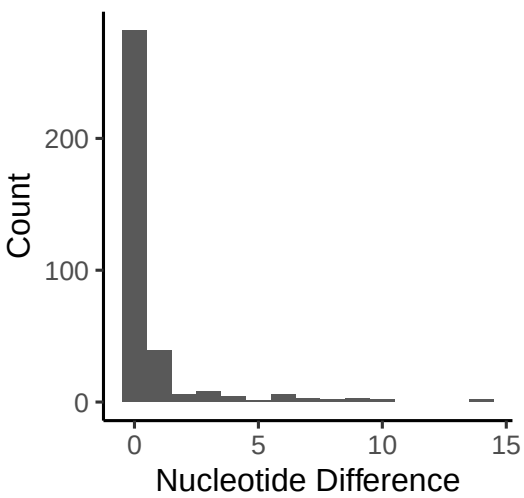
IGHV4−61*02

1086 sequences assigned
833 (76.7%) exact matches, in which:
807 unique CDR3
6 unique J



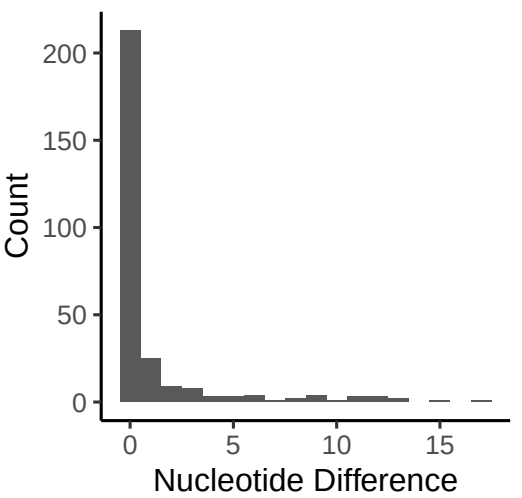
IGHV5−10−1*01

358 sequences assigned
282 (78.8%) exact matches, in which:
266 unique CDR3
5 unique J



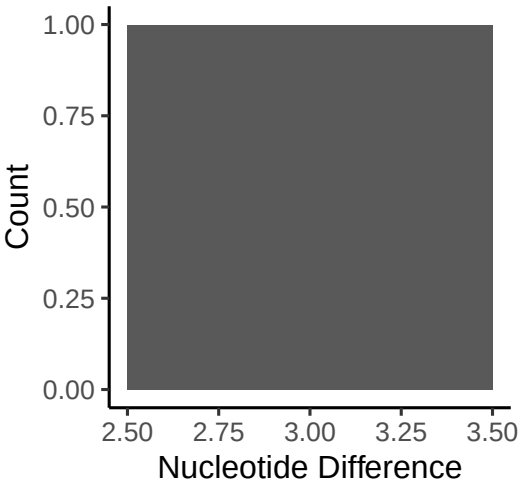
IGHV6−1*01

285 sequences assigned
213 (74.7%) exact matches, in which:
202 unique CDR3
6 unique J



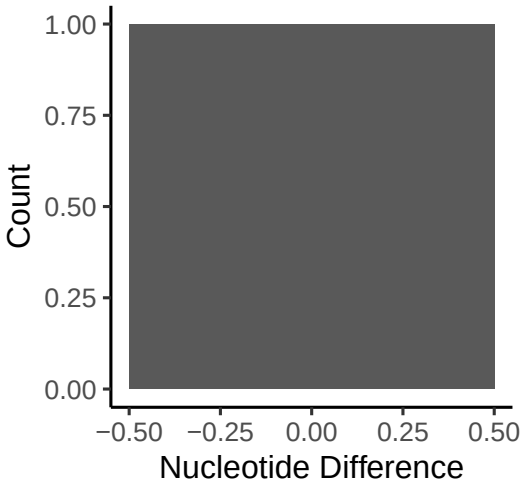
IGHV3/OR16−6*02

1 sequences assigned
No exact matches.



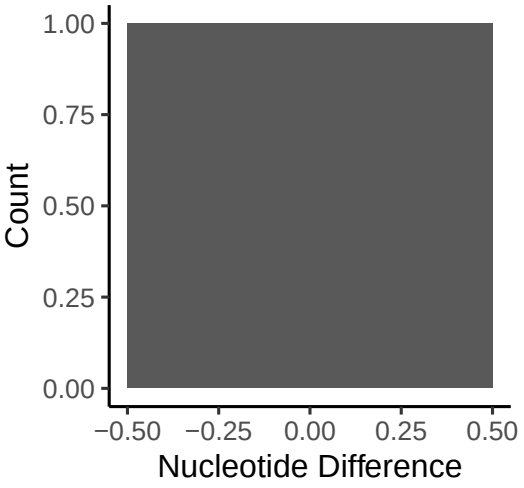
IGHV7−81*01

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



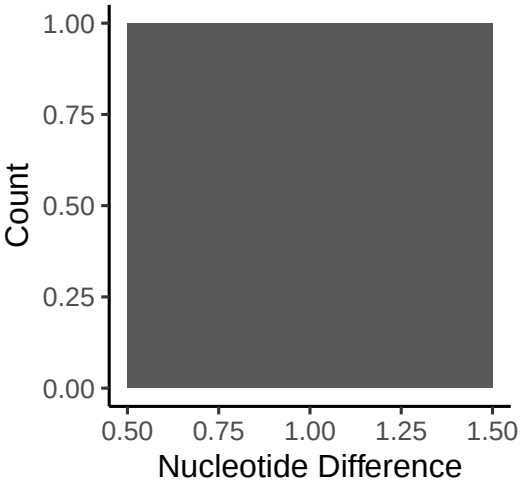
IGHV3/OR16−9*01

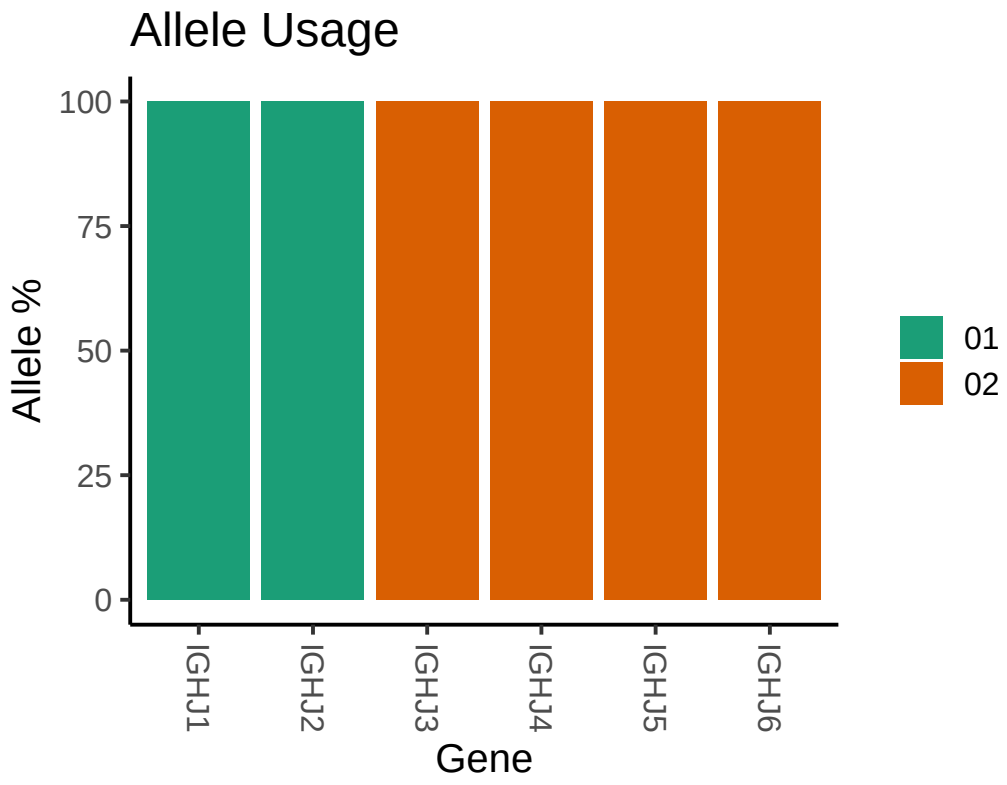
1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



IGHV3/OR16−12*01

1 sequences assigned
No exact matches.

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