

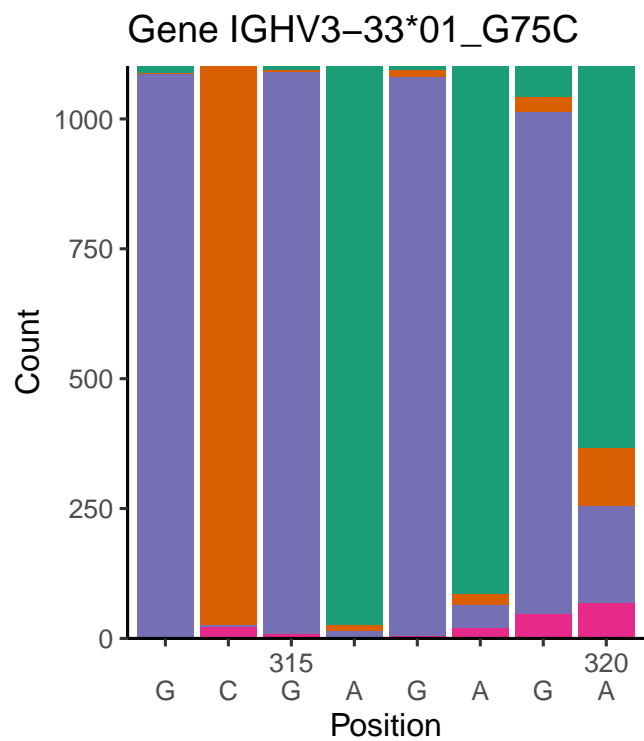
Gene IGHV3-33*01_G75C

Count

1000
750
500
250
0



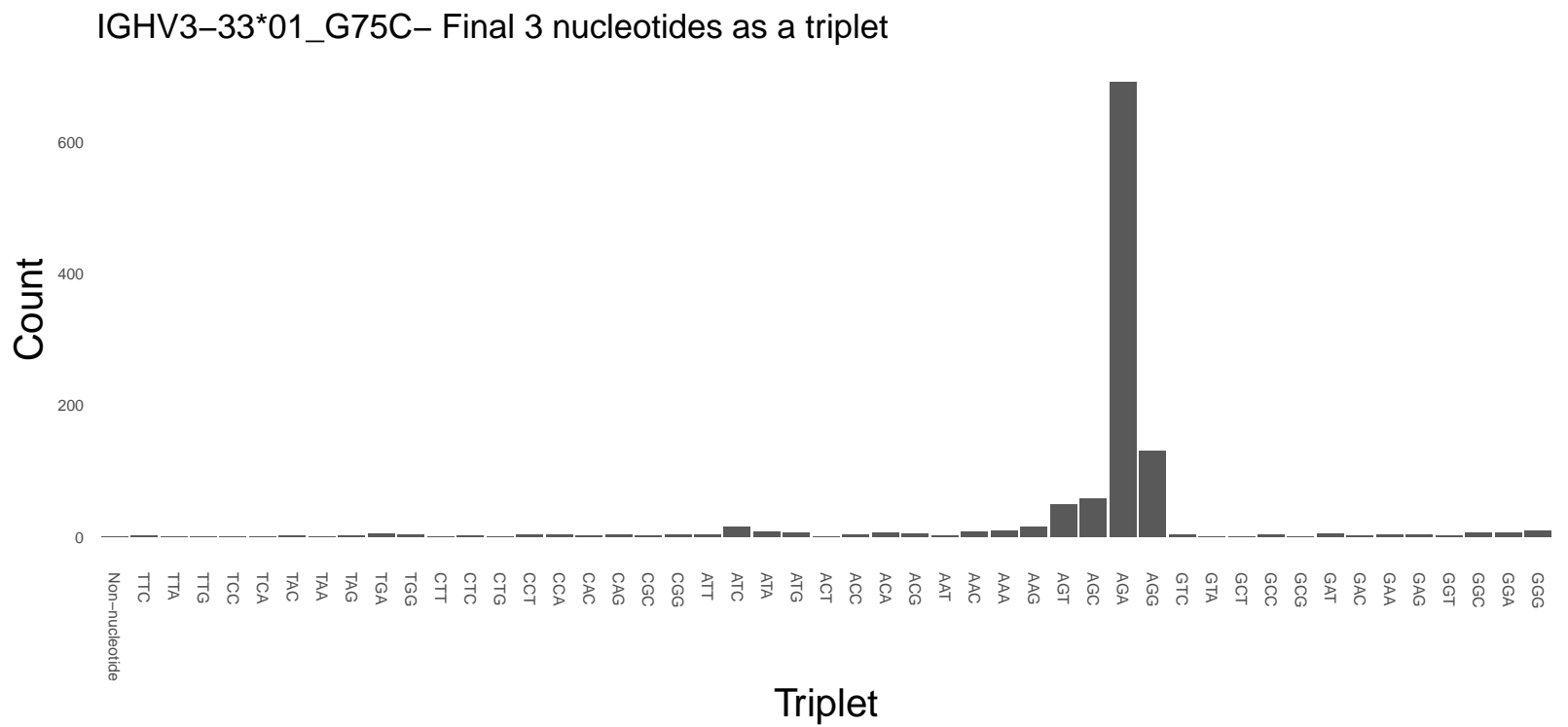
315
G C G A G A G 320
A
Position



Gene IGHV3-33*01_G75C

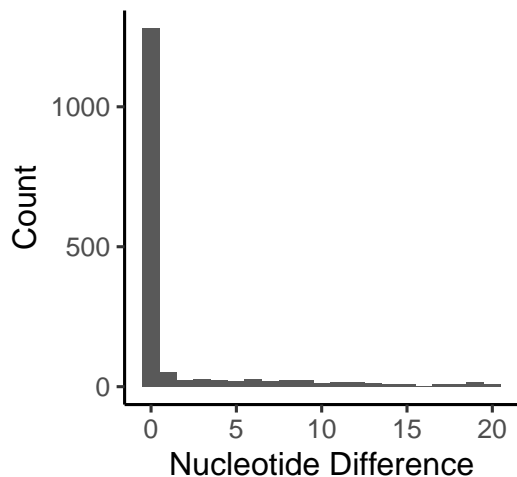


IGHV3-33*01_G75C- Final 3 nucleotides as a triplet



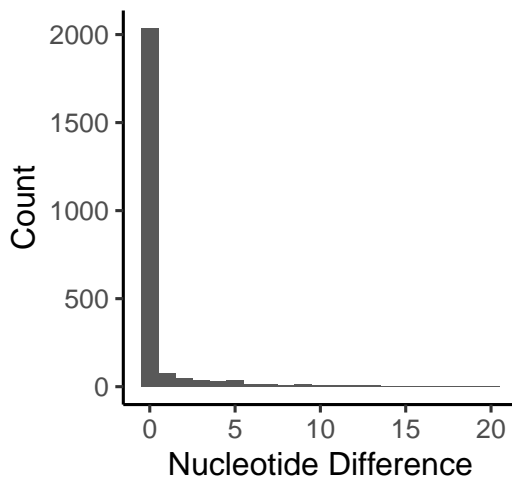
IGHV1-2*02

1705 sequences assigned
1280 (75.1%) exact matches, in which:
1279 unique CDR3
6 unique J



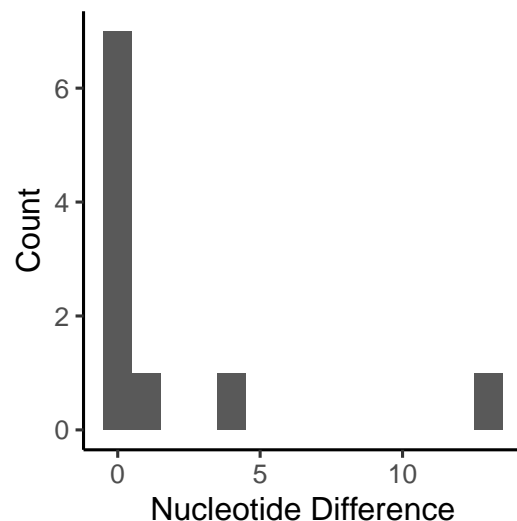
IGHV1-8*01

2387 sequences assigned
2035 (85.3%) exact matches, in which:
2025 unique CDR3
6 unique J



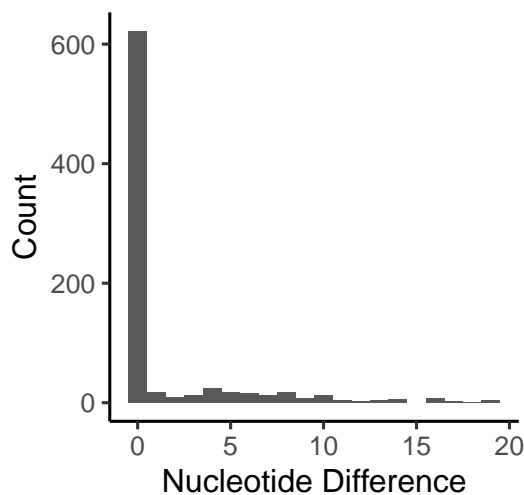
IGHV1-45*02

10 sequences assigned
7 (70%) exact matches, in which:
7 unique CDR3
3 unique J



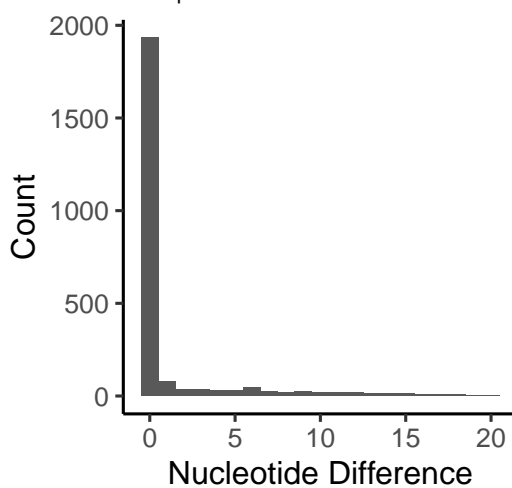
IGHV1-2*06

810 sequences assigned
622 (76.8%) exact matches, in which:
622 unique CDR3
6 unique J



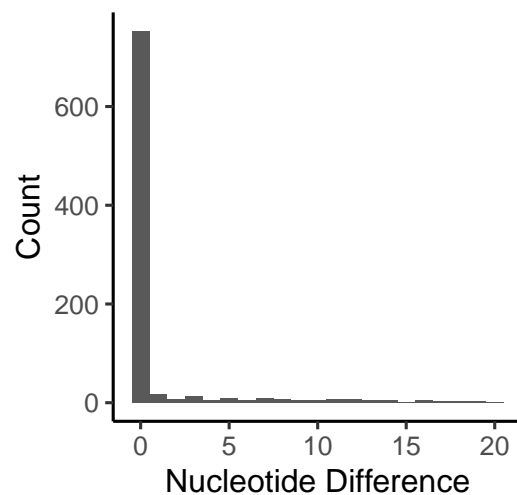
IGHV1-18*01

2409 sequences assigned
1933 (80.2%) exact matches, in which:
1926 unique CDR3
6 unique J



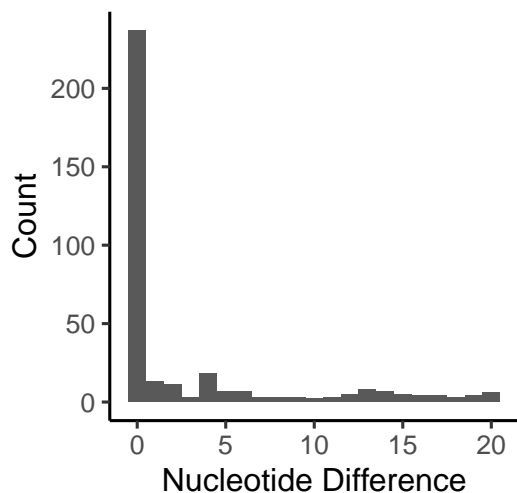
IGHV1-46*01

908 sequences assigned
753 (82.9%) exact matches, in which:
752 unique CDR3
6 unique J



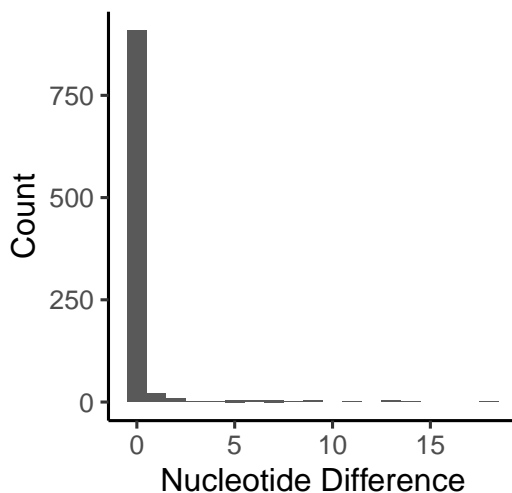
IGHV1-3*01_05

363 sequences assigned
237 (65.3%) exact matches, in which:
237 unique CDR3
6 unique J



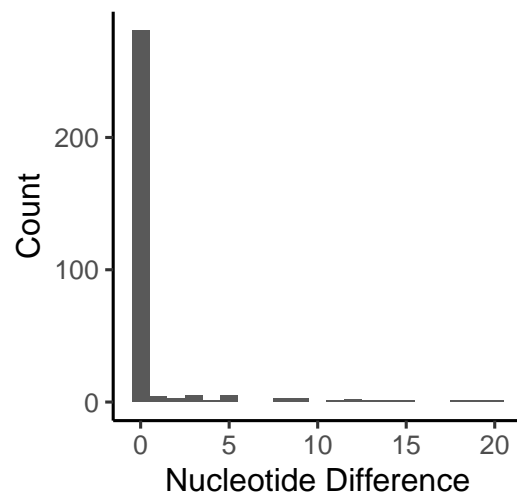
IGHV1-24*01

970 sequences assigned
909 (93.7%) exact matches, in which:
907 unique CDR3
6 unique J



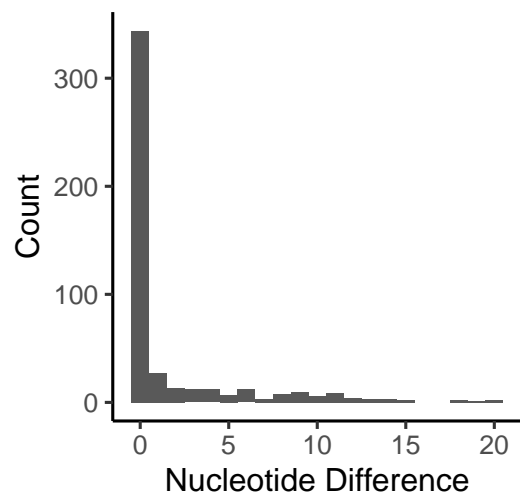
IGHV1-58*01_03

319 sequences assigned
281 (88.1%) exact matches, in which:
280 unique CDR3
6 unique J



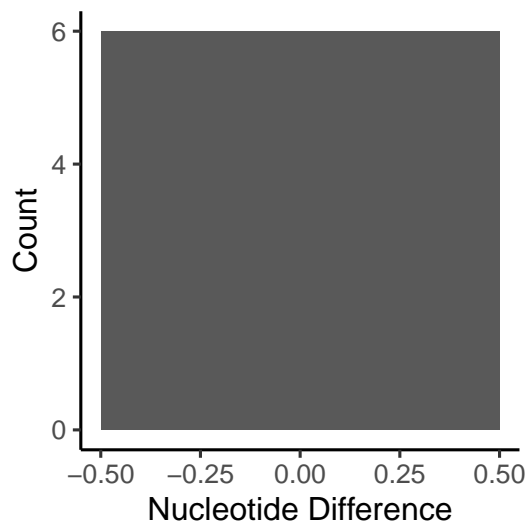
IGHV2-5*01

485 sequences assigned
344 (70.9%) exact matches, in which:
341 unique CDR3
6 unique J



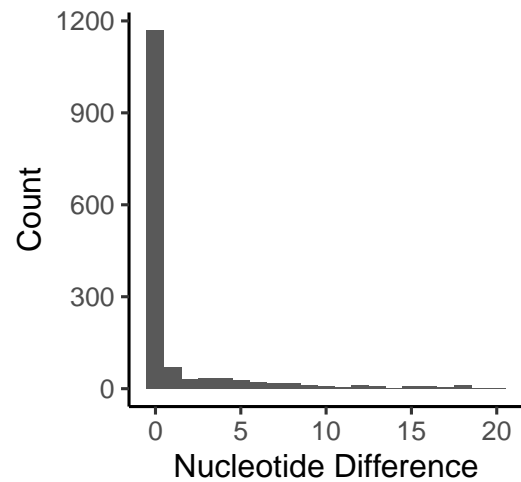
IGHV2-26*02

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



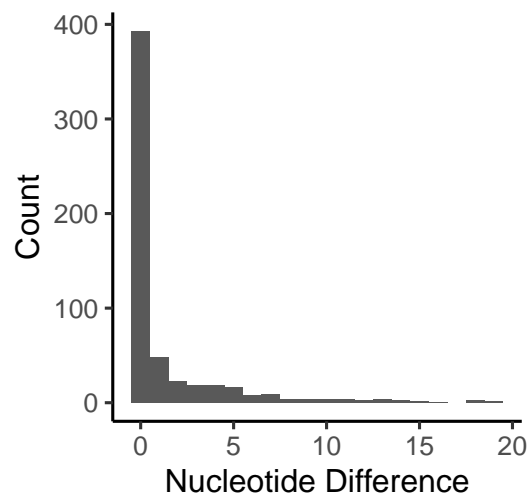
IGHV3-9*01

1503 sequences assigned
1169 (77.8%) exact matches, in which:
1123 unique CDR3
6 unique J



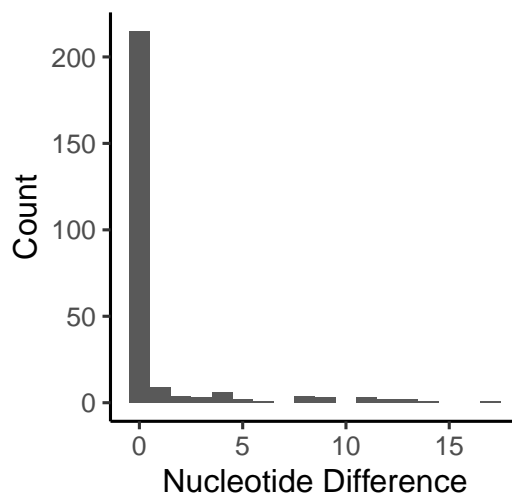
IGHV2-5*02

569 sequences assigned
393 (69.1%) exact matches, in which:
383 unique CDR3
6 unique J



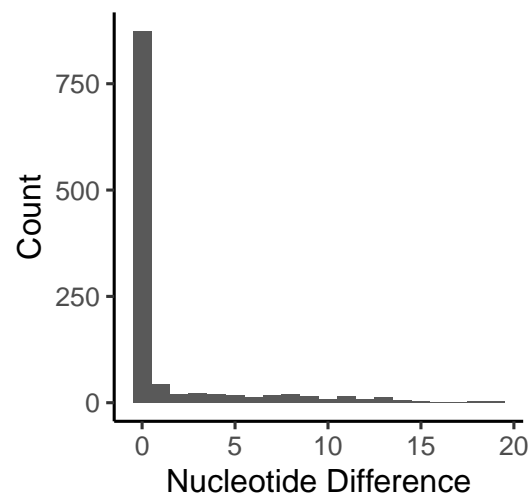
IGHV2-70*01

256 sequences assigned
215 (84%) exact matches, in which:
214 unique CDR3
6 unique J



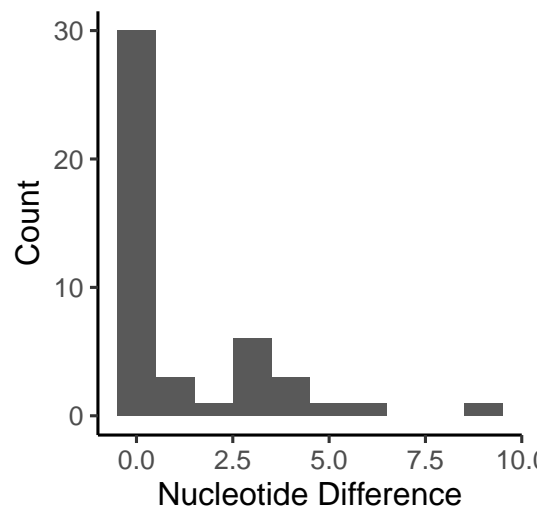
IGHV3-11*01

1142 sequences assigned
874 (76.5%) exact matches, in which:
811 unique CDR3
6 unique J



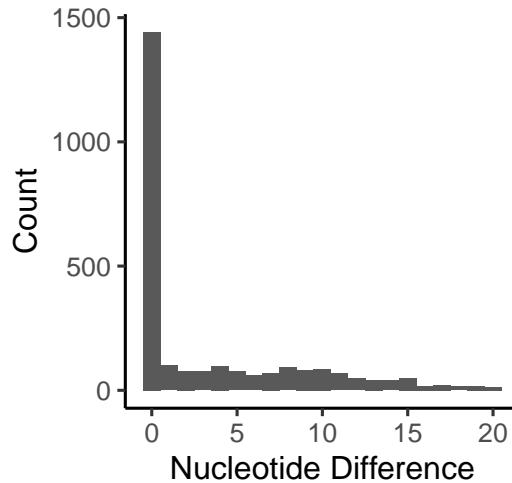
IGHV2-26*01

46 sequences assigned
30 (65.2%) exact matches, in which:
30 unique CDR3
4 unique J



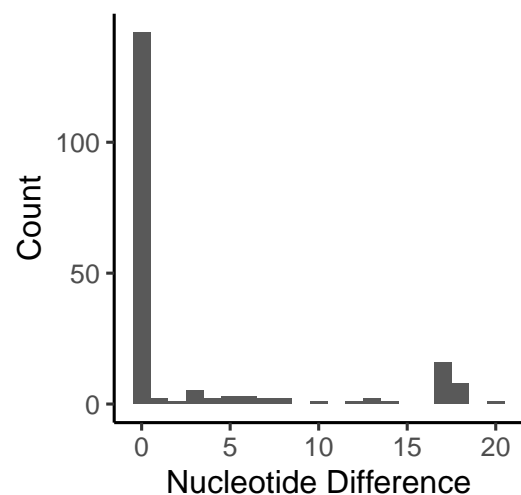
IGHV3-7*01

2634 sequences assigned
1442 (54.7%) exact matches, in which:
1362 unique CDR3
6 unique J



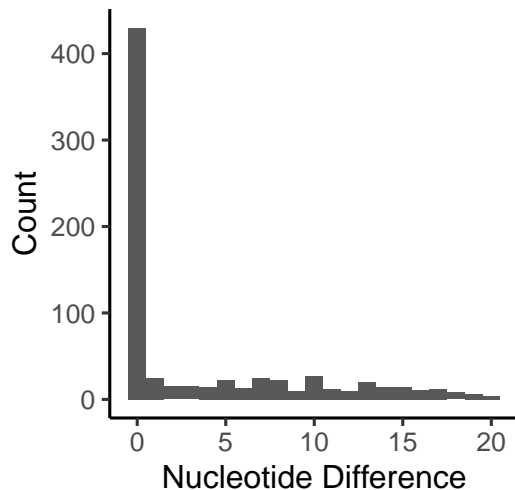
IGHV3-13*01

195 sequences assigned
142 (72.8%) exact matches, in which:
139 unique CDR3
6 unique J



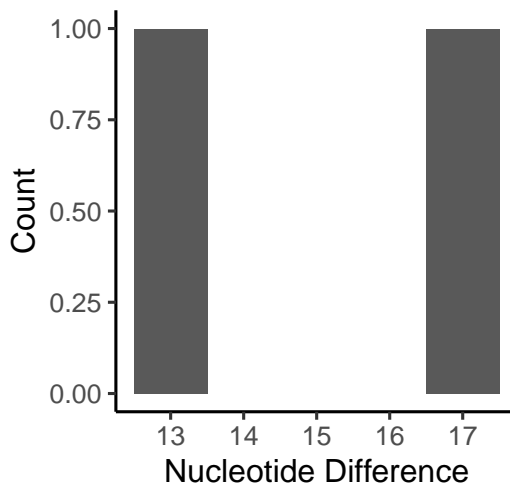
IGHV3-15*01_02

759 sequences assigned
430 (56.7%) exact matches, in which:
412 unique CDR3
6 unique J



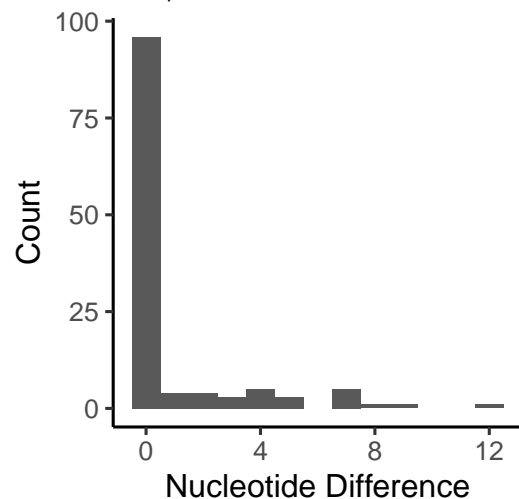
IGHV3-30-3*03

2 sequences assigned
No exact matches.



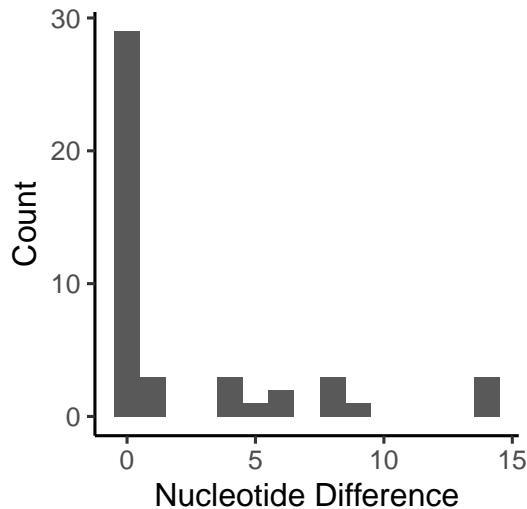
IGHV3-43*01

124 sequences assigned
96 (77.4%) exact matches, in which:
90 unique CDR3
5 unique J



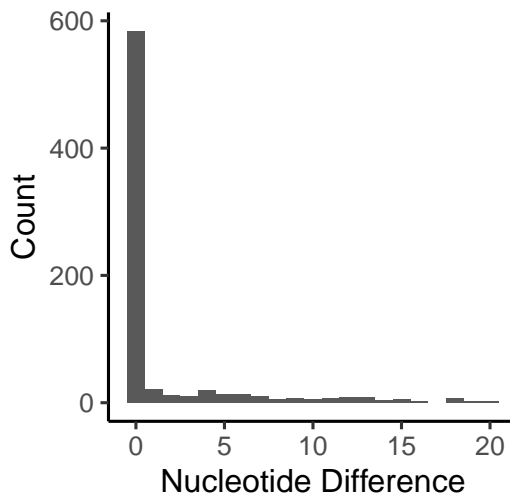
IGHV3-20*01_02

45 sequences assigned
29 (64.4%) exact matches, in which:
28 unique CDR3
5 unique J



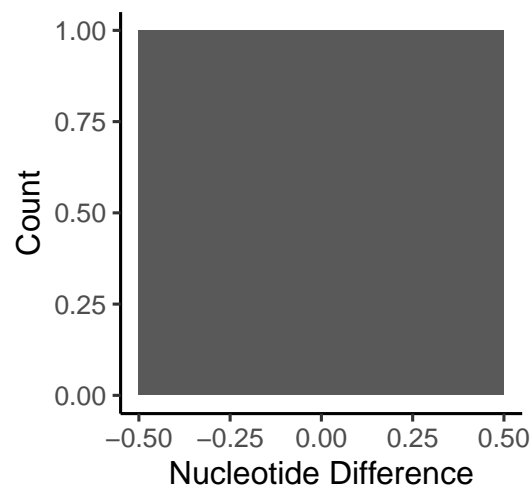
IGHV3-33*01

775 sequences assigned
584 (75.4%) exact matches, in which:
551 unique CDR3
6 unique J



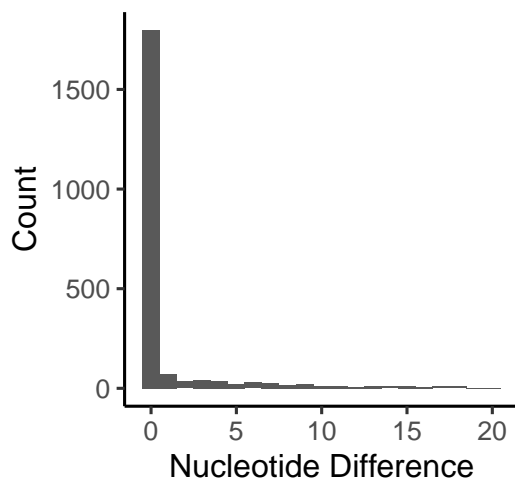
IGHV3-47*02

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



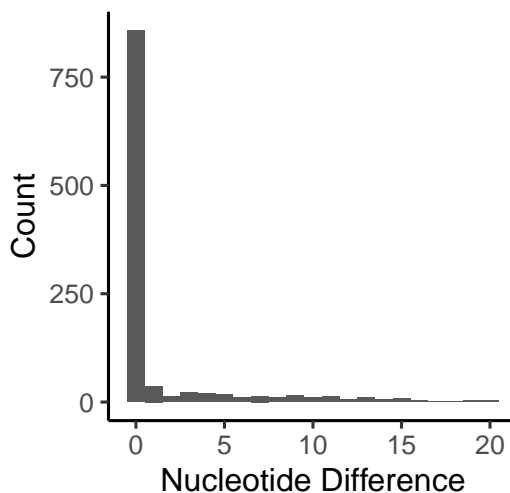
IGHV3-21*01_02

2209 sequences assigned
1798 (81.4%) exact matches, in which:
1672 unique CDR3
6 unique J



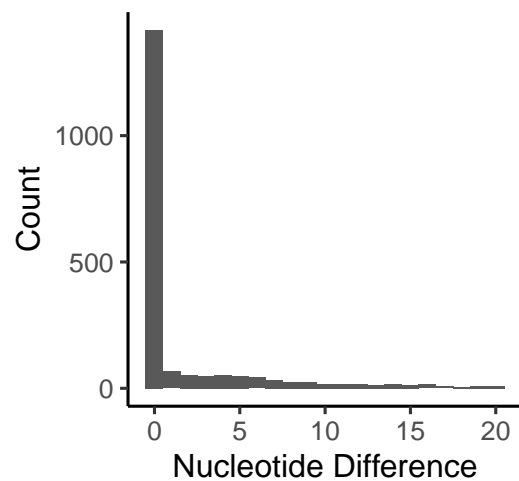
IGHV3-33*01_G75C

1102 sequences assigned
858 (77.9%) exact matches, in which:
824 unique CDR3
6 unique J



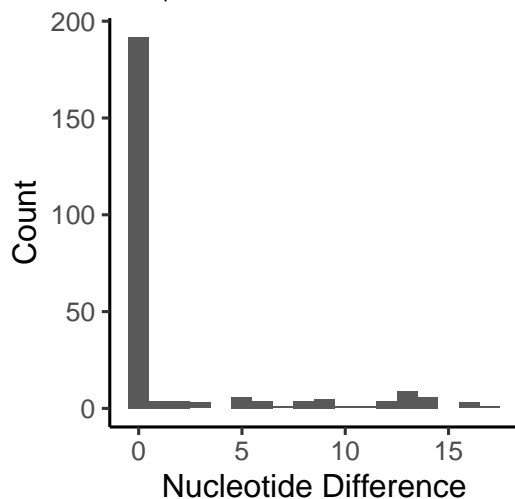
IGHV3-48*02

1965 sequences assigned
1418 (72.2%) exact matches, in which:
1285 unique CDR3
6 unique J



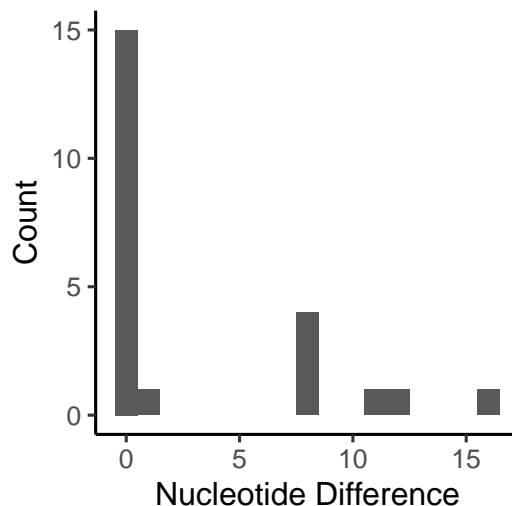
IGHV3-49*03_05

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



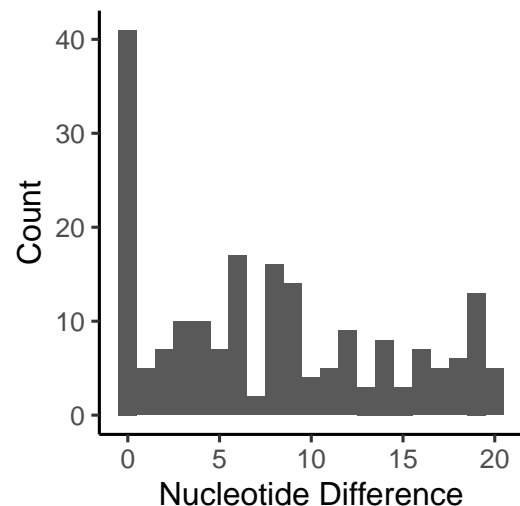
IGHV3-64*02_07

25 sequences assigned
15 (60%) exact matches, in which:
13 unique CDR3
4 unique J



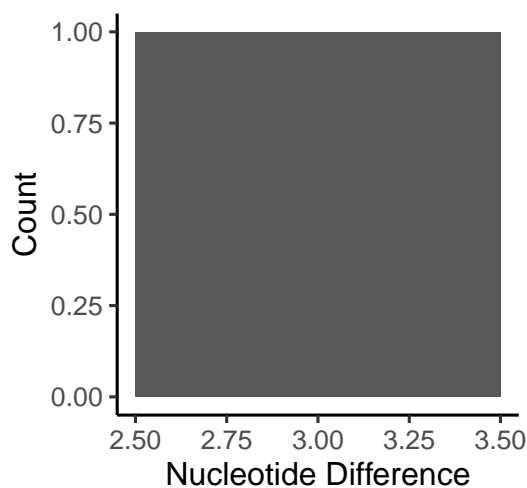
IGHV3-72*01

205 sequences assigned
41 (20%) exact matches, in which:
39 unique CDR3
5 unique J



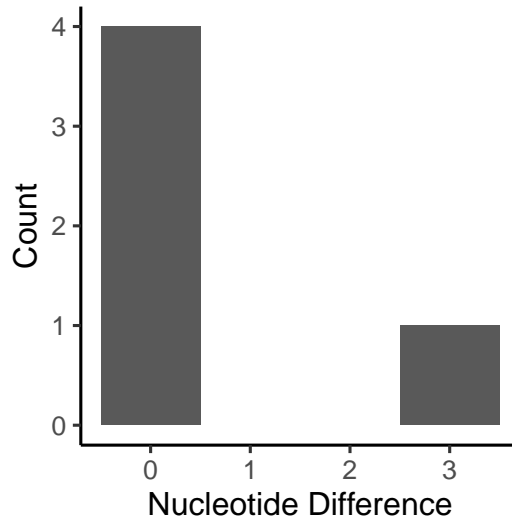
IGHV3-52*01_03

1 sequences assigned
No exact matches.



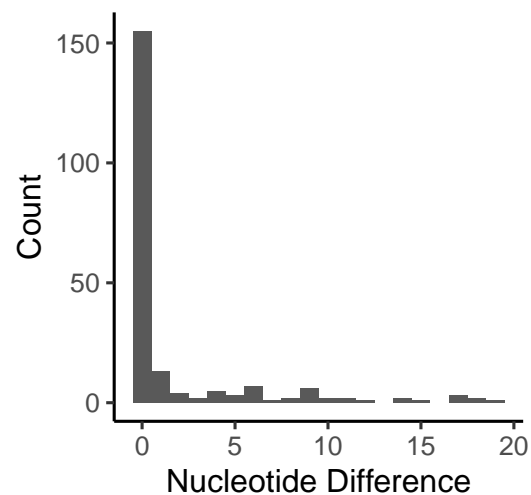
IGHV3-66*03

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
3 unique J



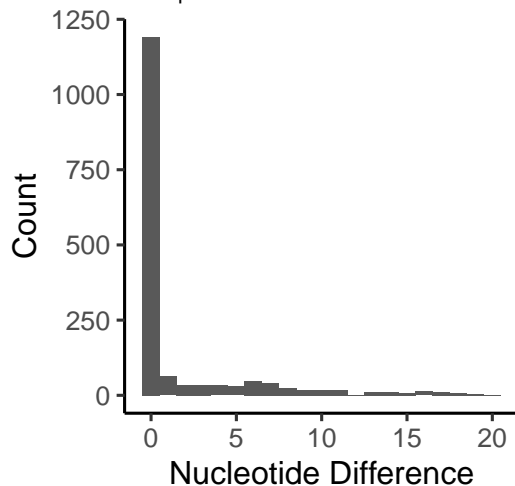
IGHV3-73*01_02

214 sequences assigned
155 (72.4%) exact matches, in which:
144 unique CDR3
5 unique J



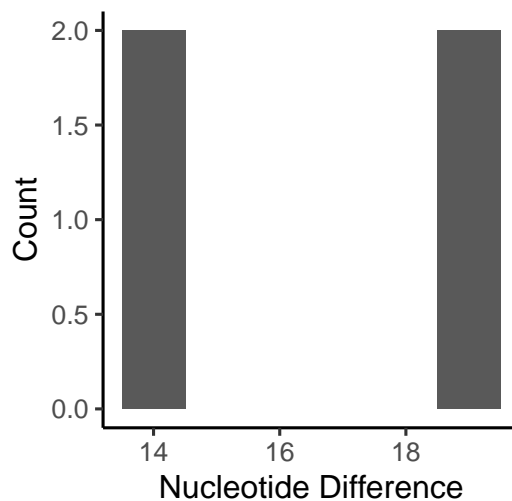
IGHV3-53*01_02

1631 sequences assigned
1191 (73%) exact matches, in which:
1102 unique CDR3
6 unique J



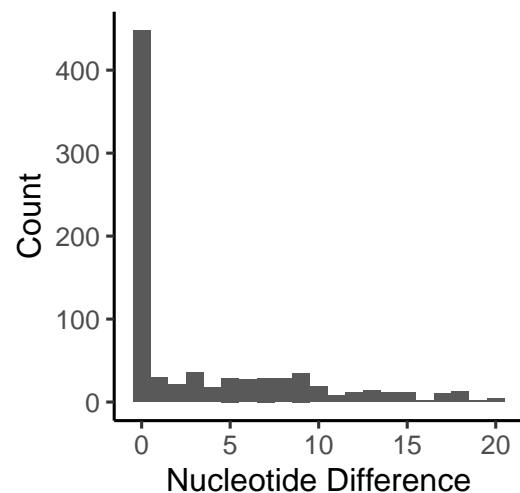
IGHV3-66*04

7 sequences assigned
No exact matches.



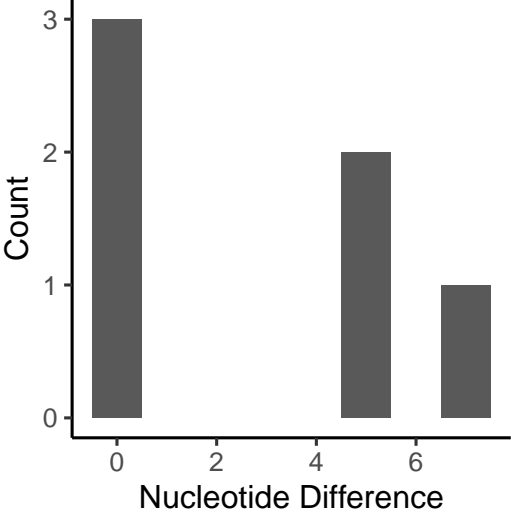
IGHV3-74*01_02

827 sequences assigned
448 (54.2%) exact matches, in which:
422 unique CDR3
6 unique J



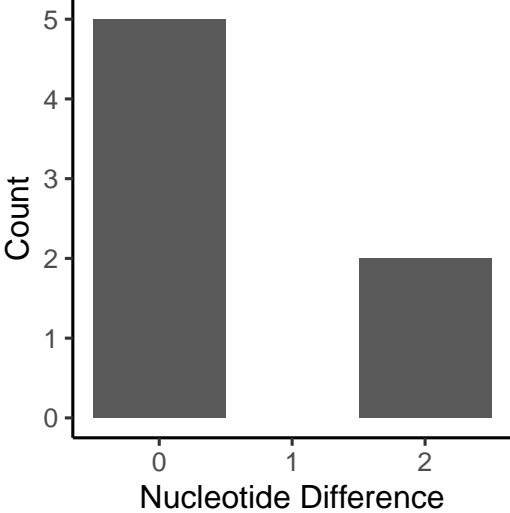
IGHV3-64D*06

6 sequences assigned
3 (50%) exact matches, in which:
3 unique CDR3
2 unique J



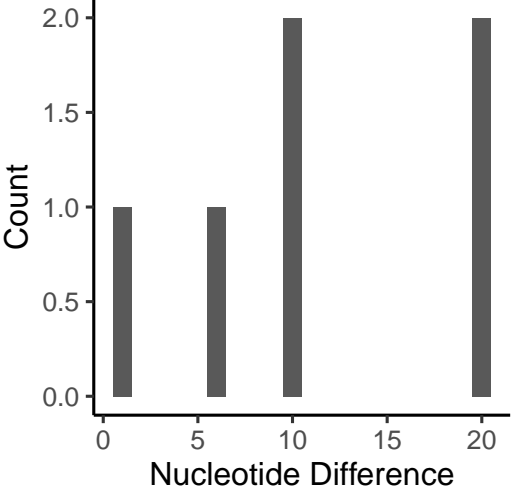
IGHV4-28*01_07

7 sequences assigned
5 (71.4%) exact matches, in which:
5 unique CDR3
4 unique J



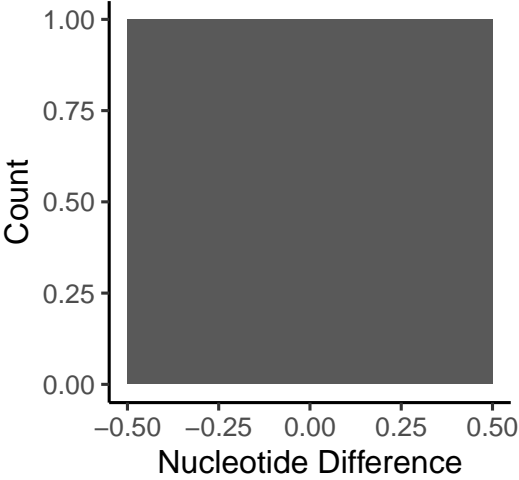
IGHV4-31*03_04

7 sequences assigned
No exact matches.



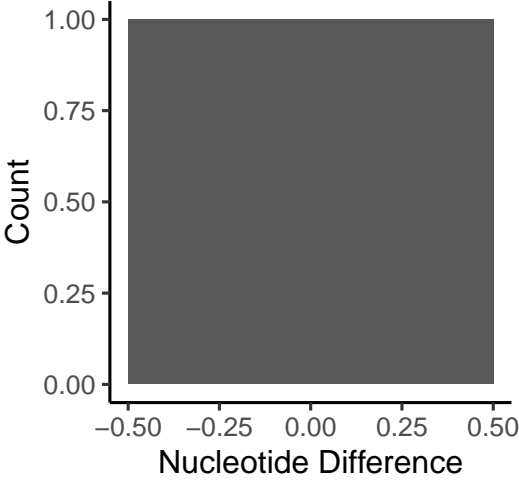
IGHV3-64D*08

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



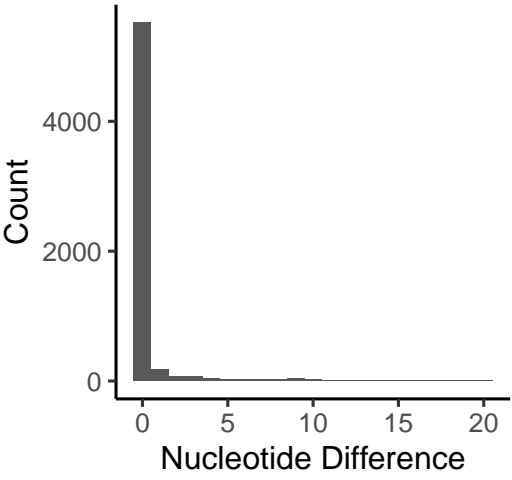
IGHV4-28*02_05

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



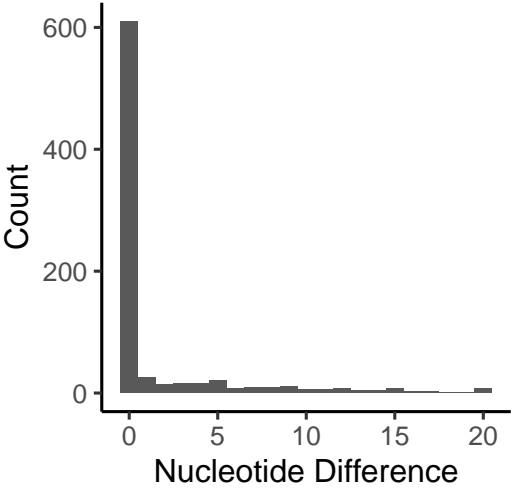
IGHV4-34*01_02

6171 sequences assigned
5519 (89.4%) exact matches, in which:
5220 unique CDR3
6 unique J



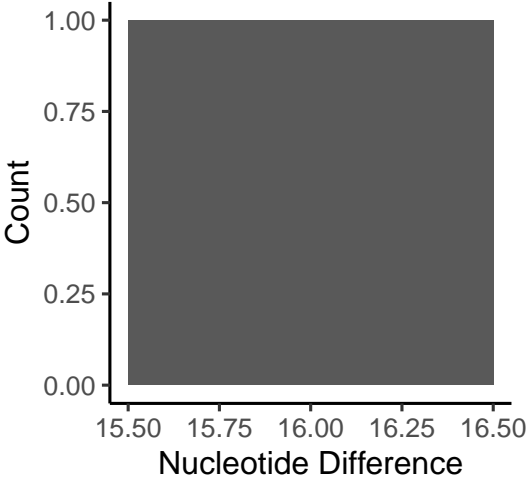
IGHV4-4*07

792 sequences assigned
610 (77%) exact matches, in which:
578 unique CDR3
6 unique J



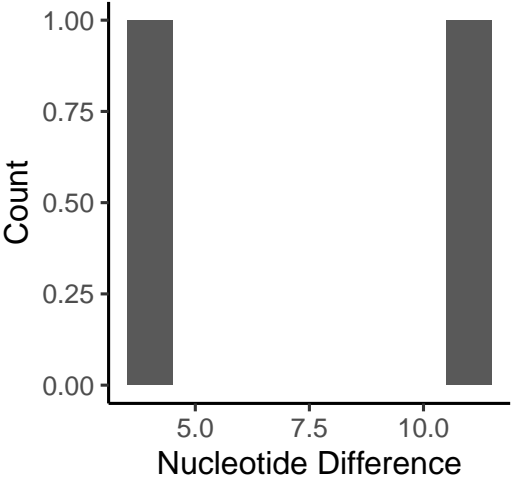
IGHV4-30-2*01

1 sequences assigned
No exact matches.



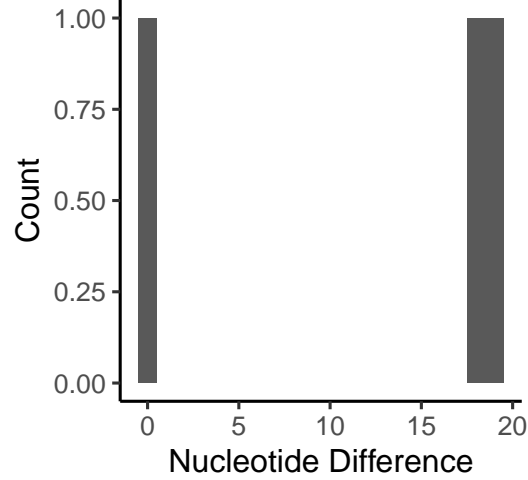
IGHV4-38-2*01

2 sequences assigned
No exact matches.



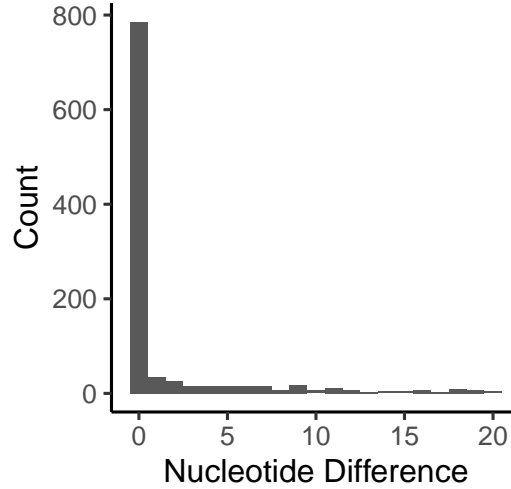
IGHV4-38-2*02

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



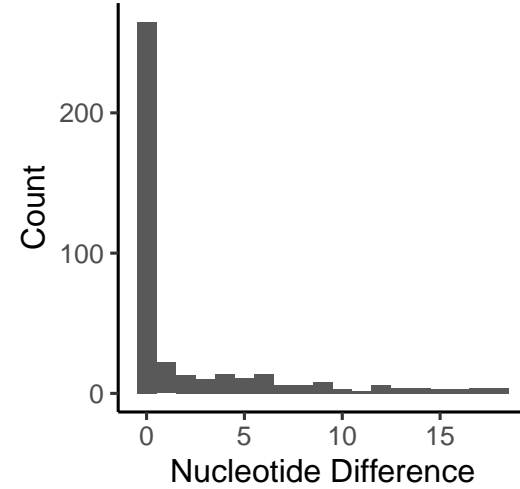
IGHV4-61*01

1020 sequences assigned
786 (77.1%) exact matches, in which:
748 unique CDR3
6 unique J



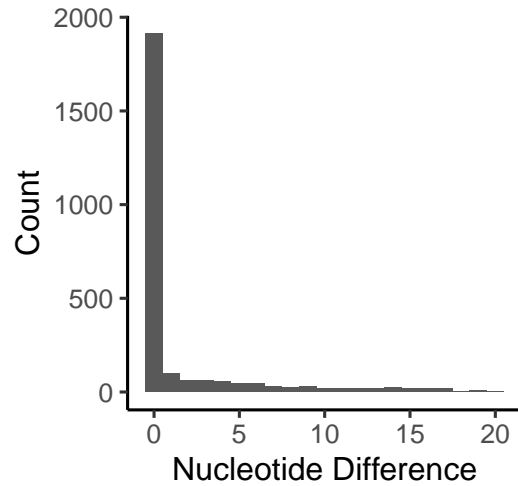
IGHV7-4-1*02

404 sequences assigned
265 (65.6%) exact matches, in which:
258 unique CDR3
6 unique J



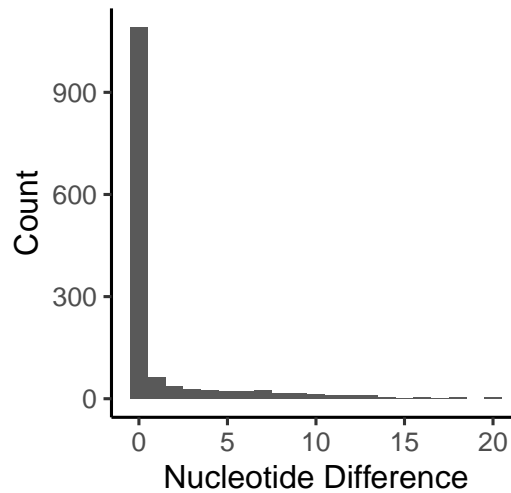
IGHV4-39*01_05

2593 sequences assigned
1912 (73.7%) exact matches, in which:
1825 unique CDR3
6 unique J



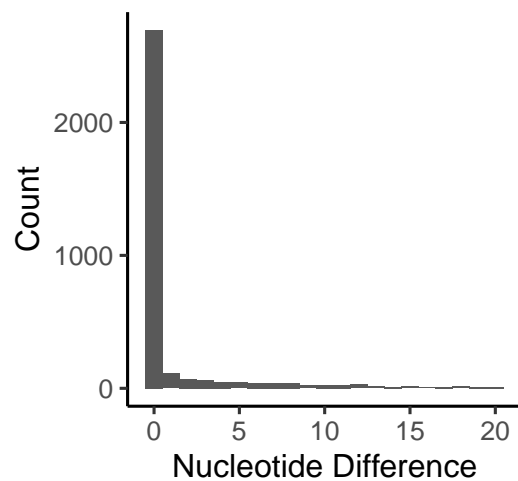
IGHV5-51*01_03

1416 sequences assigned
1092 (77.1%) exact matches, in which:
1089 unique CDR3
6 unique J



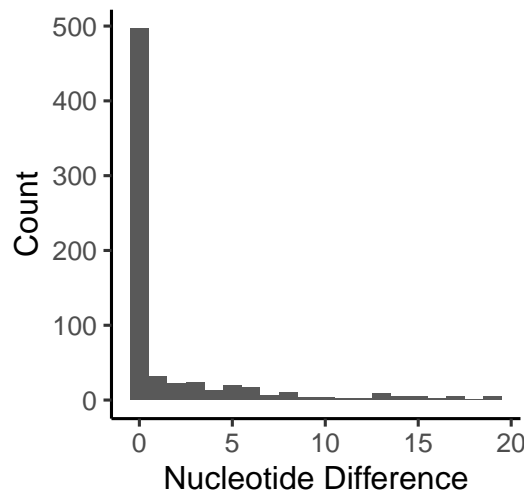
IGHV4-59*01_07

3378 sequences assigned
2695 (79.8%) exact matches, in which:
2544 unique CDR3
6 unique J



IGHV6-1*01_02

691 sequences assigned
497 (71.9%) exact matches, in which:
495 unique CDR3
6 unique J





Warning – no inferred sequences found.

Novel sequence(s)IGHV4–59*02_G88AIGHV5–51*07_A128G are not listed in the genotype and will be ignored.

Warning – no inferred sequences found.

Novel sequence(s)IGHV4–59*02_G88AIGHV5–51*07_A128G are not listed in the genotype and will be ignored.

Warning – no inferred sequences found.

Novel sequence(s)IGHV4–59*02_G88A are not listed in the genotype and will be ignored.

Warning – no inferred sequences found.

Novel sequence(s)IGHV3–11*06_T300CIGHV4–38–2*02_A70GIGHV4–39*02_C258GIGHV5–51*07_A128G are not listed in the genotype and will be ignored.

Warning – no inferred sequences found.

Novel sequence(s)IGHV4–39*02_C258GIGHV4–59*02_G88AIGHV5–51*07_A128G are not listed in the genotype and will be ignored.

Warning – no inferred sequences found.

Novel sequence(s)IGHV5–51*07_A128G are not listed in the genotype and will be ignored.

Warning – no inferred sequences found.