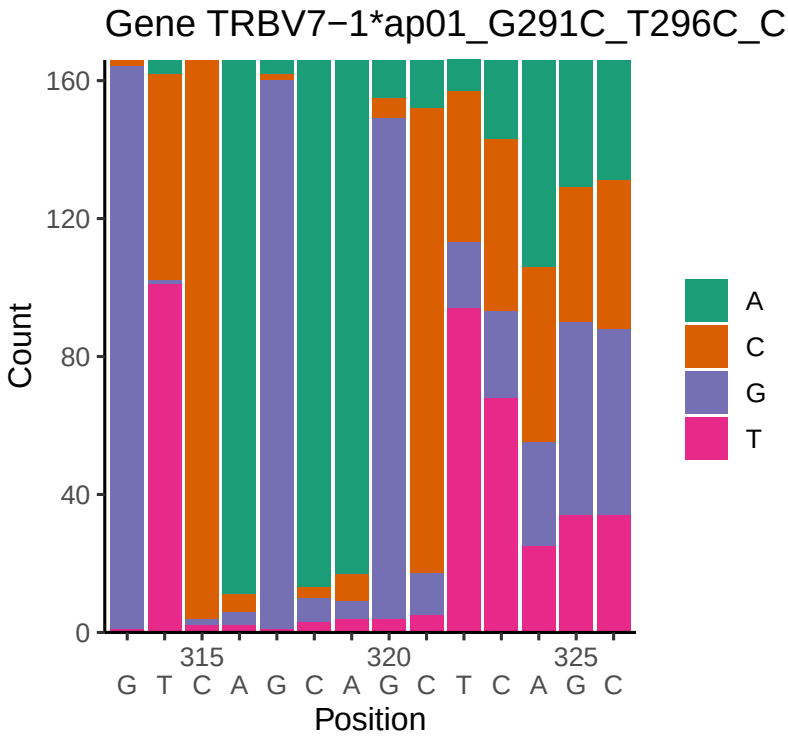
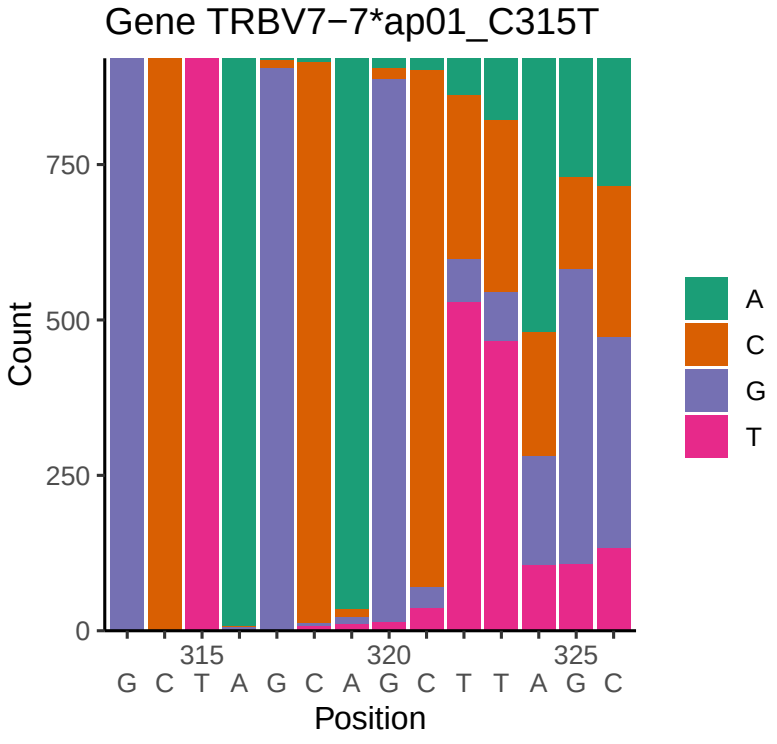
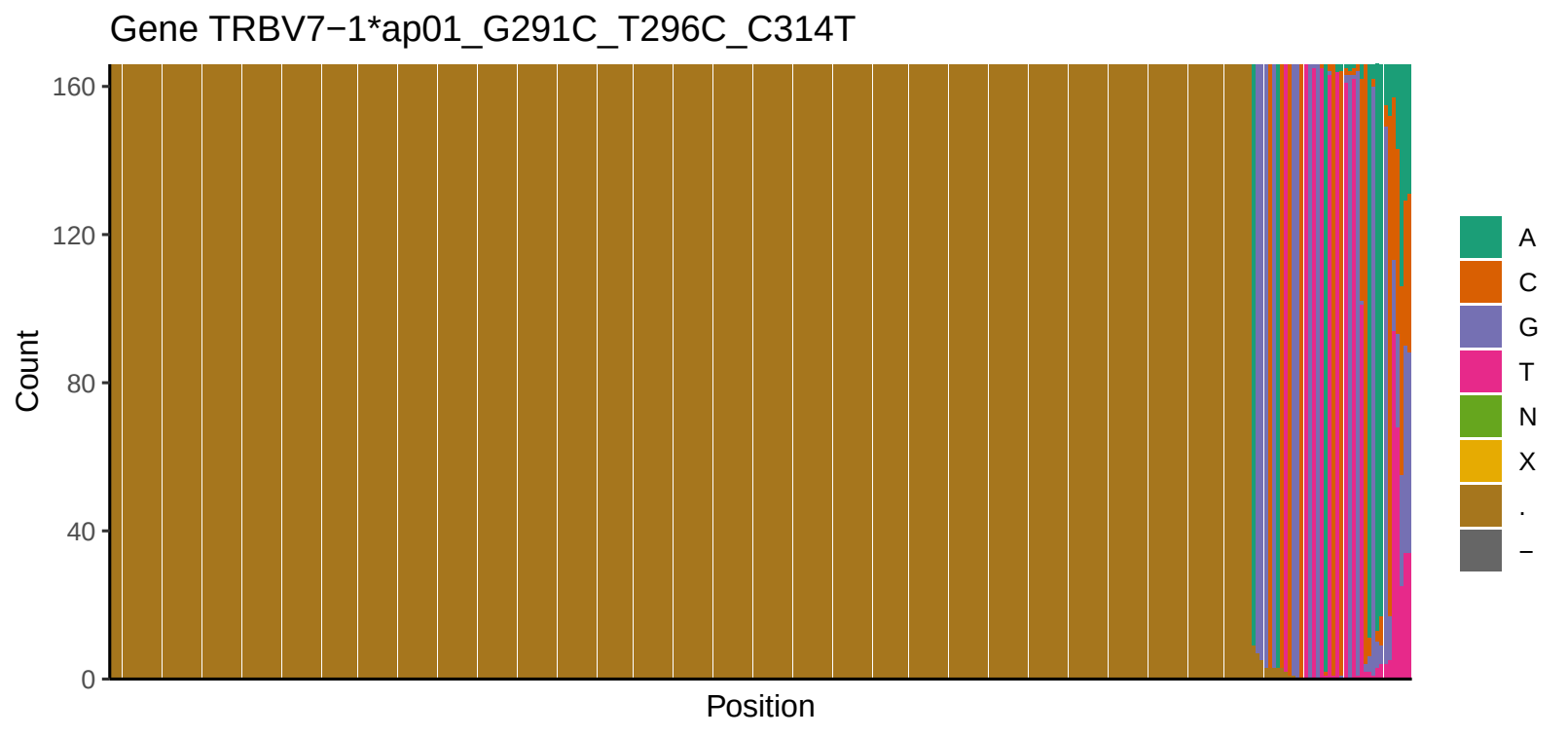
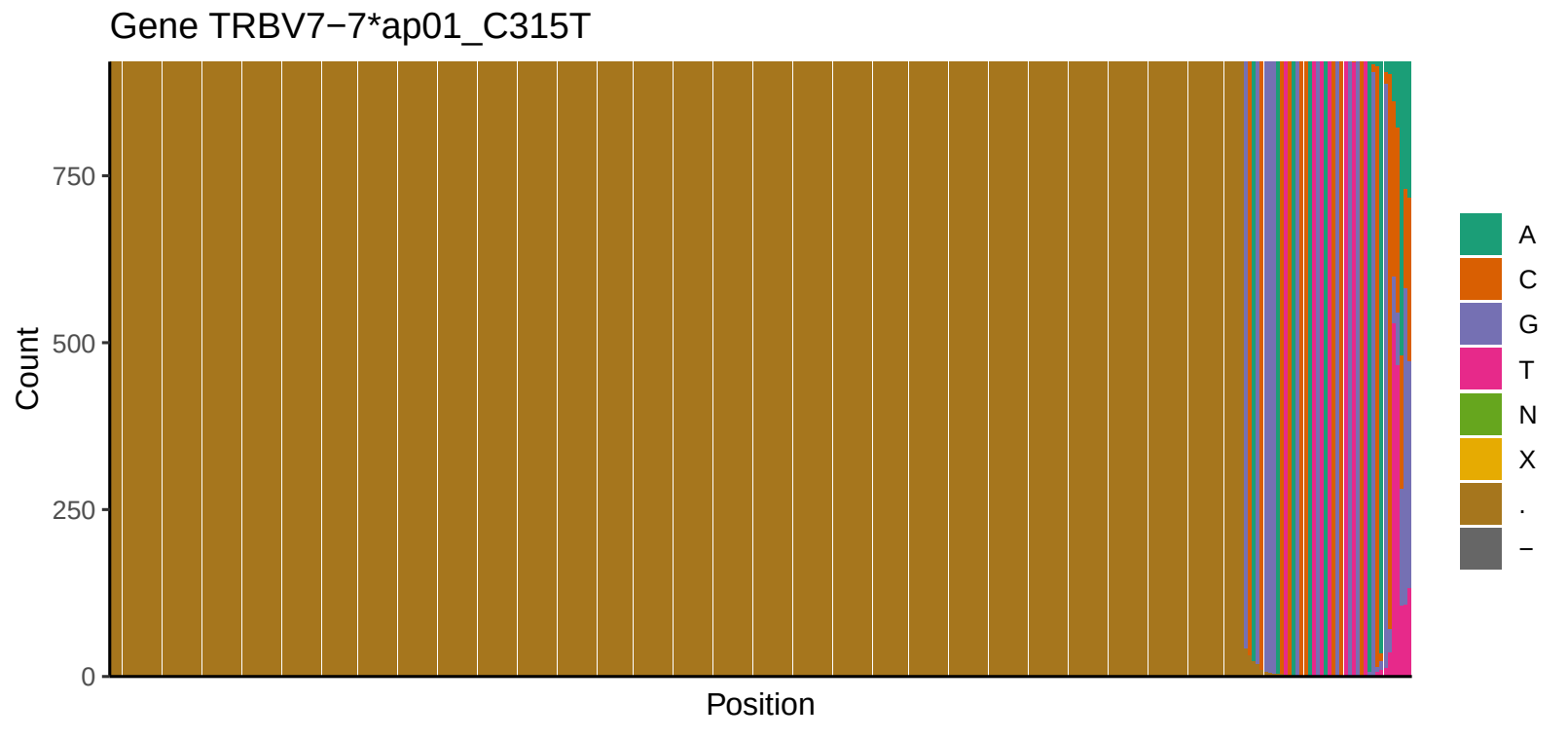
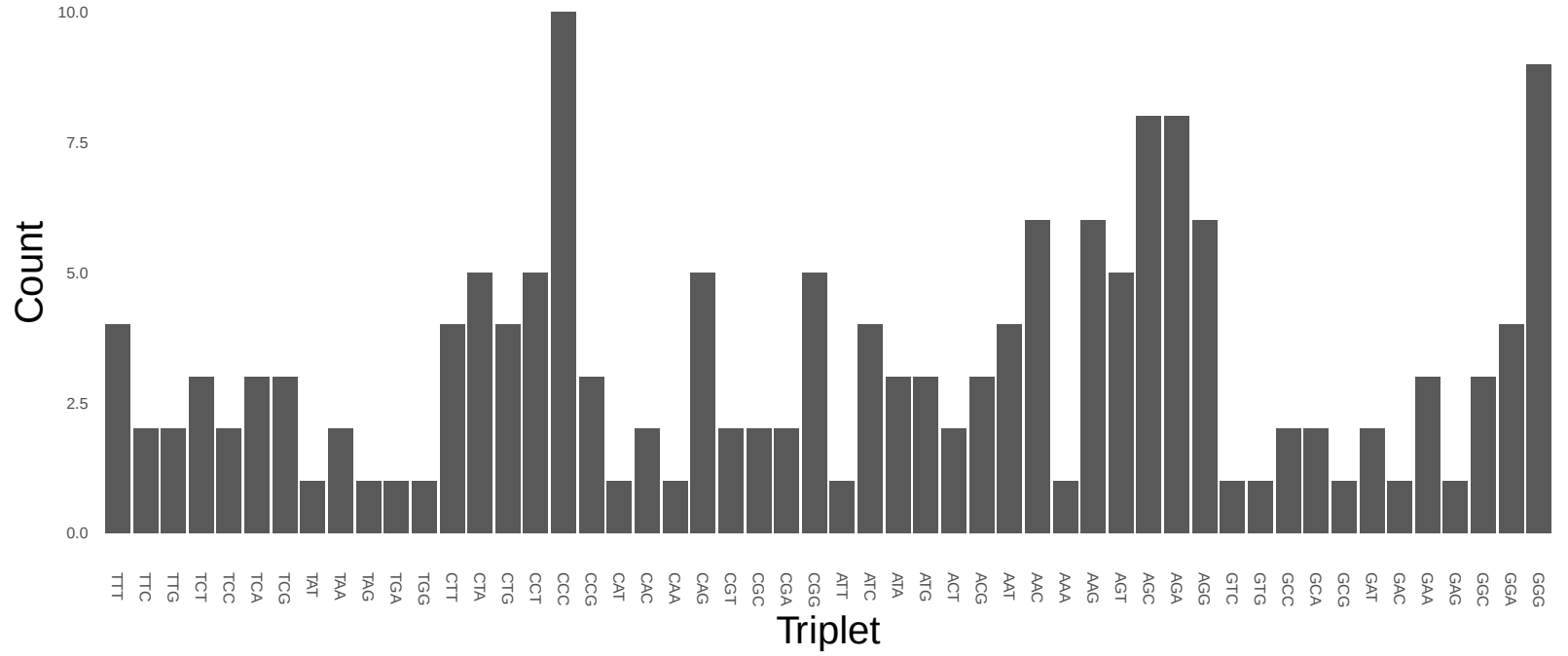

Gene TRBV7−1*ap01_G291C_T296C_C314T
Count
160
120
80
40
0
315
320
325
G T C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
750
500
250
0
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

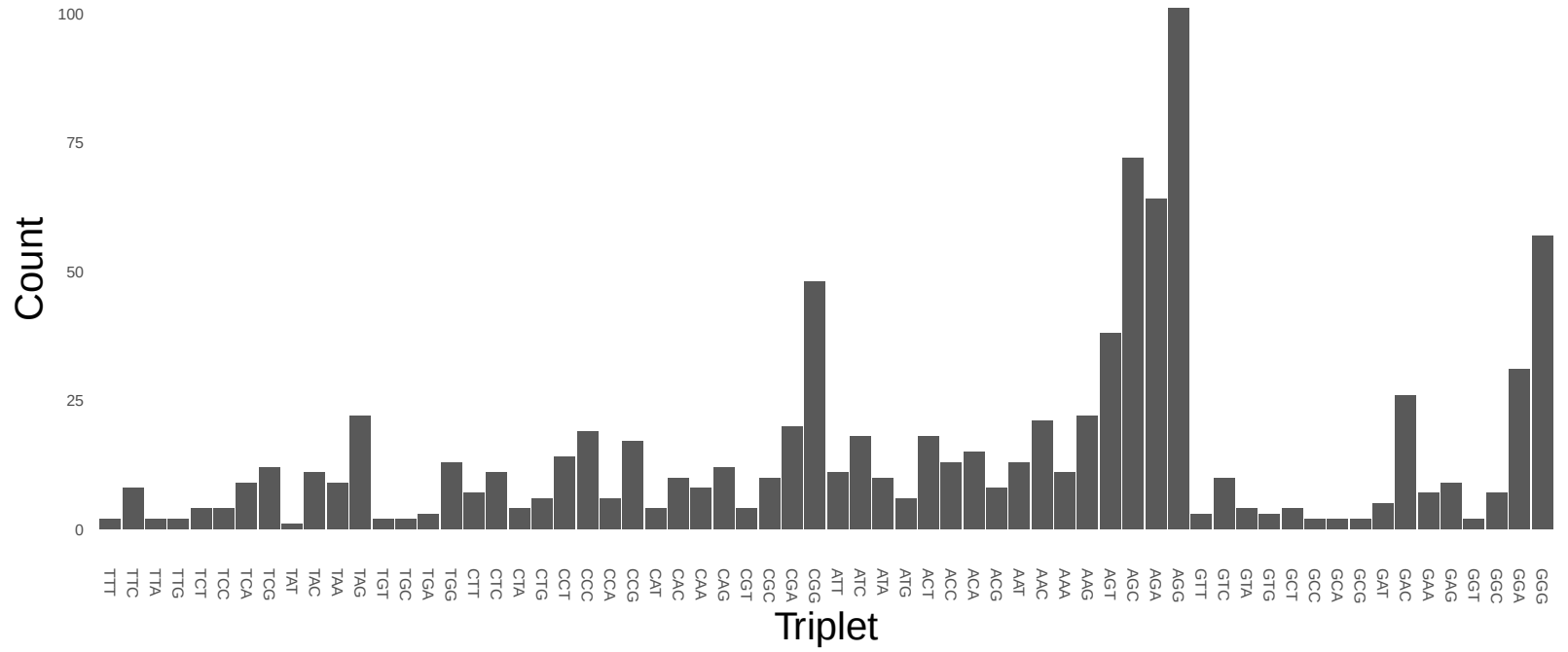

Gene TRBV7−1*ap01_G291C_T296C_C314T
160
120
80
40
0
Count
Position
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
750
500
250
0
Count
Position
A
C
G
T
N
X
.
–

TRBV7−1*ap01_G291C_T296C_C314T− Final 3 nucleotides as a triplet

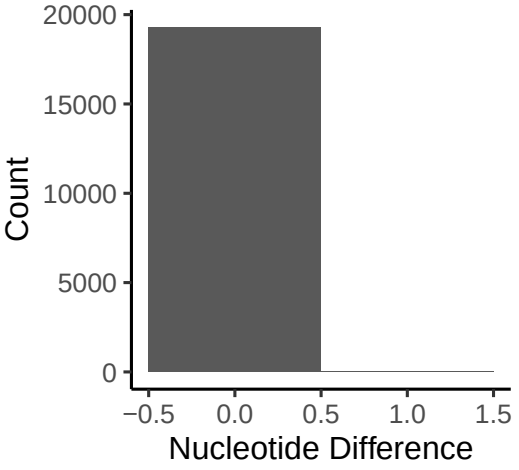


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



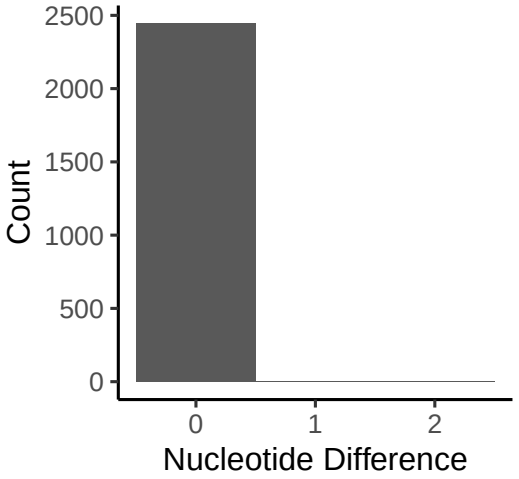
TRBV20−1*ap01

19328 sequences assigned
19299 (99.8%) exact matches, in which:
19286 unique CDR3
13 unique J



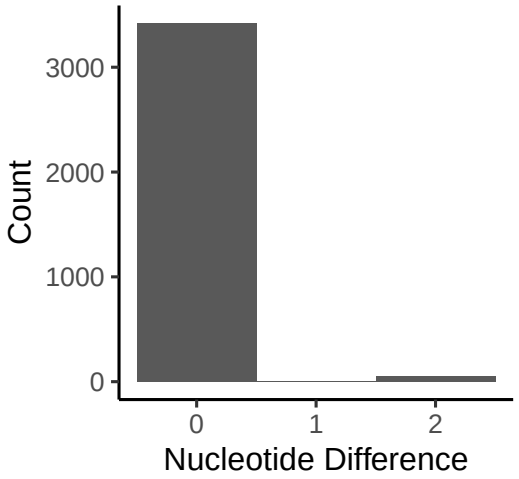
TRBV10−2*ap01

2448 sequences assigned
2445 (99.9%) exact matches, in which:
2444 unique CDR3
12 unique J



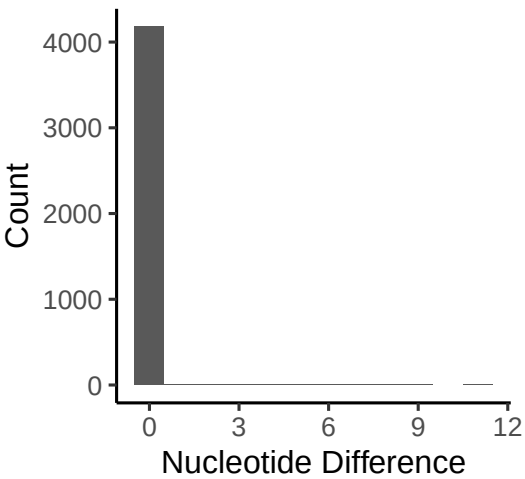
TRBV13*ap01

3476 sequences assigned
3418 (98.3%) exact matches, in which:
3415 unique CDR3
13 unique J



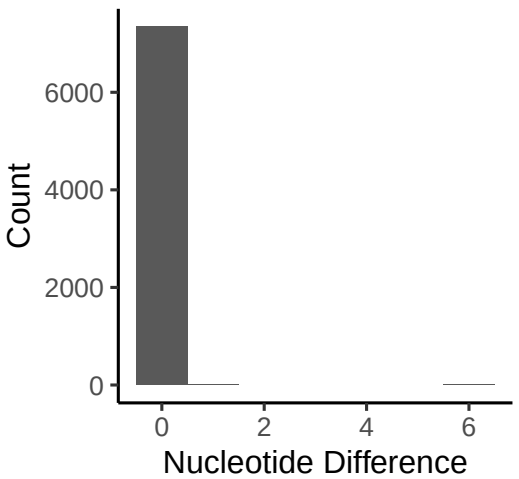
TRBV10−1*ap01

4199 sequences assigned
4179 (99.5%) exact matches, in which:
4179 unique CDR3
12 unique J



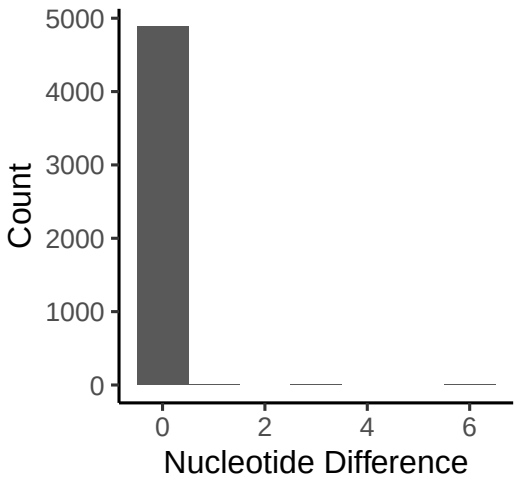
TRBV10−3*ap01

7358 sequences assigned
7344 (99.8%) exact matches, in which:
7338 unique CDR3
12 unique J



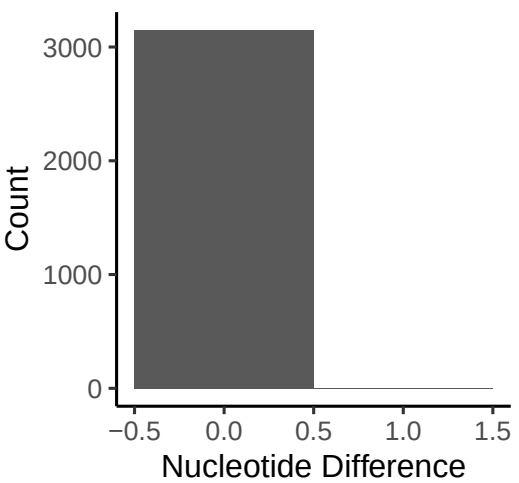
TRBV14*ap01

4892 sequences assigned
4884 (99.8%) exact matches, in which:
4884 unique CDR3
12 unique J



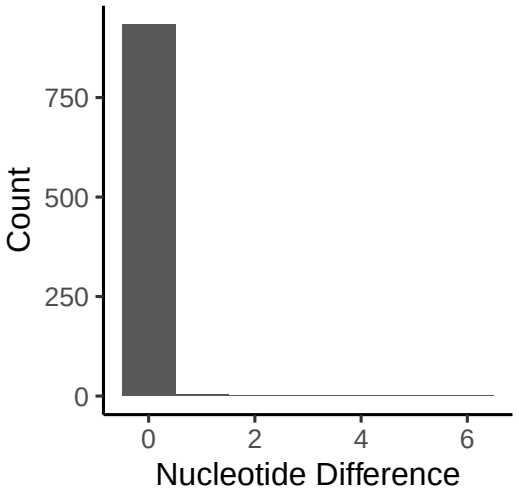
TRBV20−1*ap02

3152 sequences assigned
3149 (99.9%) exact matches, in which:
3145 unique CDR3
12 unique J



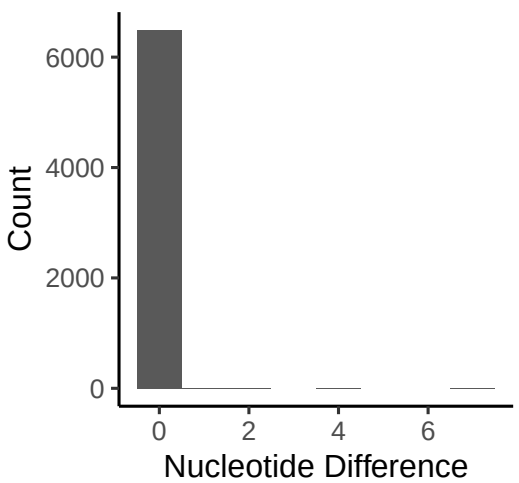
TRBV1*ap01

945 sequences assigned
934 (98.8%) exact matches, in which:
933 unique CDR3
13 unique J



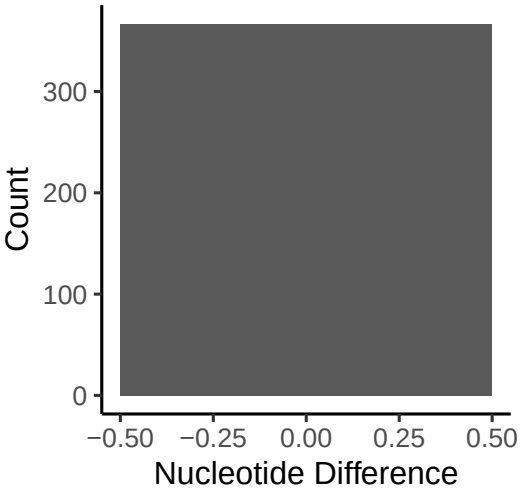
TRBV15*ap02

6505 sequences assigned
6491 (99.8%) exact matches, in which:
6486 unique CDR3
13 unique J



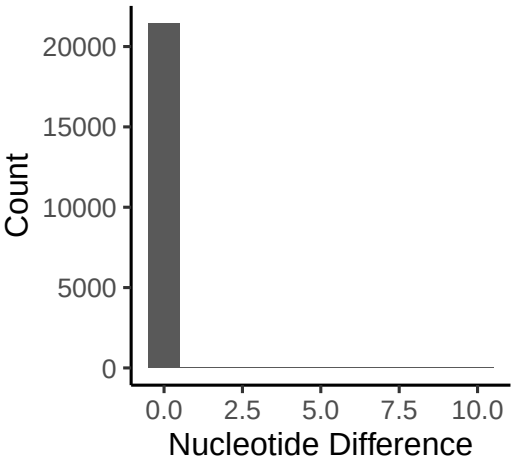
TRBV16*ap01

367 sequences assigned
367 (100%) exact matches, in which:
367 unique CDR3
12 unique J



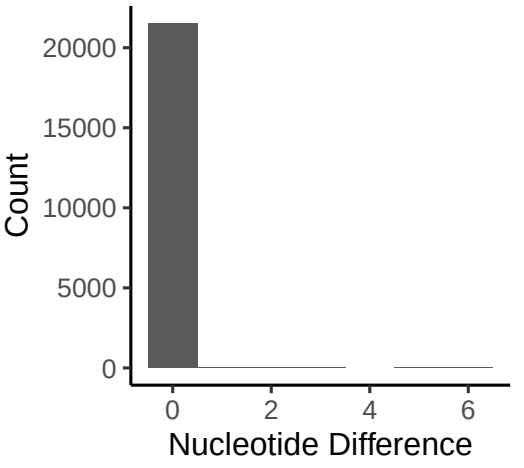
TRBV19*ap01

21522 sequences assigned
21455 (99.7%) exact matches, in which:
21454 unique CDR3
13 unique J



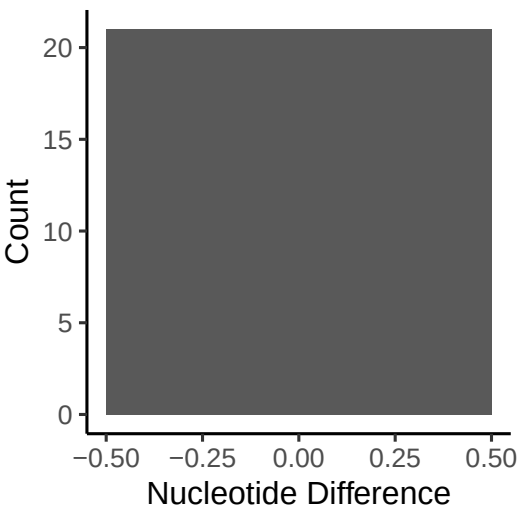
TRBV28*ap01

21574 sequences assigned
21534 (99.8%) exact matches, in which:
21530 unique CDR3
14 unique J



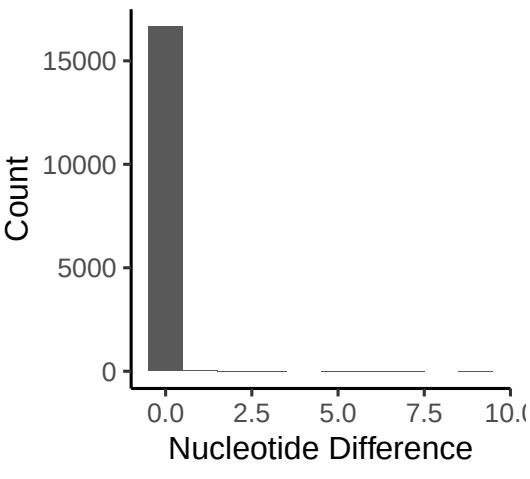
TRBV17*ap01

21 sequences assigned
21 (100%) exact matches, in which:
21 unique CDR3
7 unique J



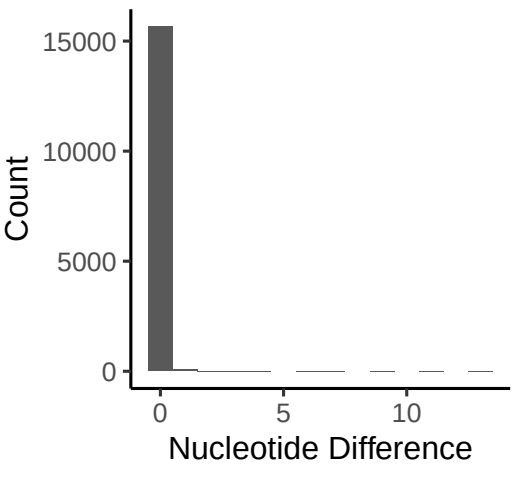
TRBV2*ap01

16718 sequences assigned
16661 (99.7%) exact matches, in which:
16634 unique CDR3
13 unique J



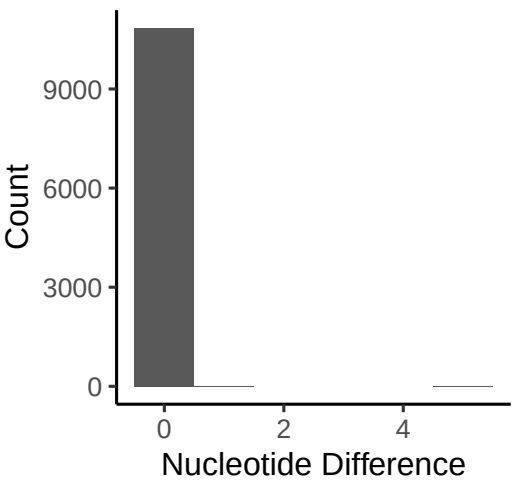
TRBV30*ap01

15763 sequences assigned
15664 (99.4%) exact matches, in which:
15629 unique CDR3
13 unique J



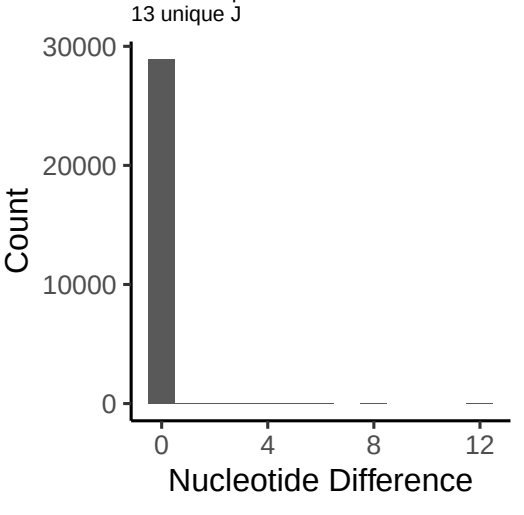
TRBV18*ap01

10859 sequences assigned
10844 (99.9%) exact matches, in which:
10841 unique CDR3
12 unique J



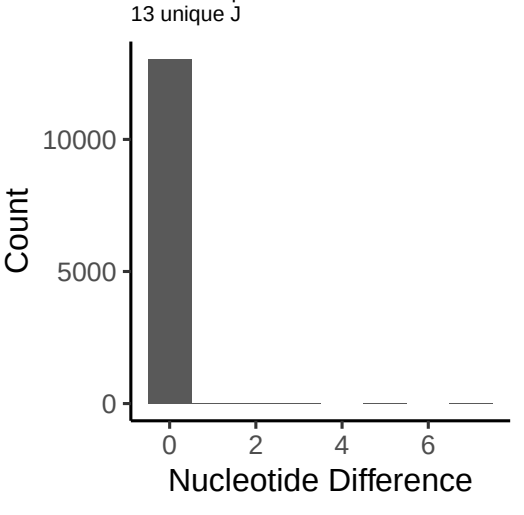
TRBV27*ap01

29058 sequences assigned
28953 (99.6%) exact matches, in which:
28869 unique CDR3
13 unique J



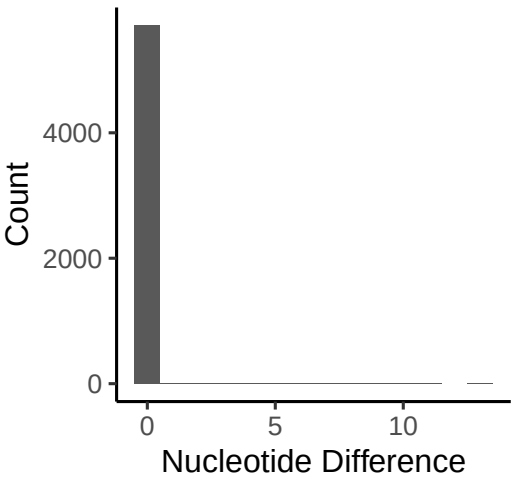
TRBV9*ap01

13074 sequences assigned
13052 (99.8%) exact matches, in which:
13044 unique CDR3
13 unique J



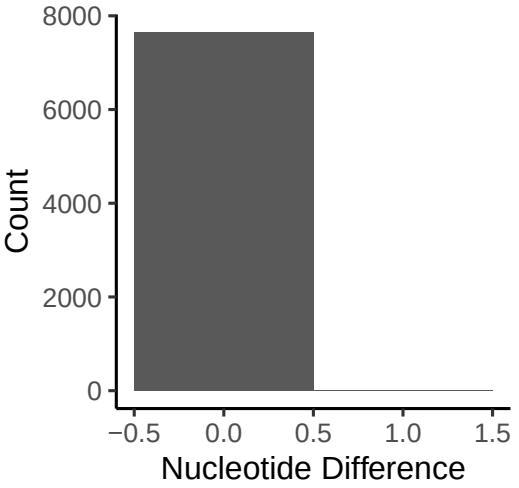
TRBV21−1*ap01

5766 sequences assigned
5712 (99.1%) exact matches, in which:
5711 unique CDR3
13 unique J



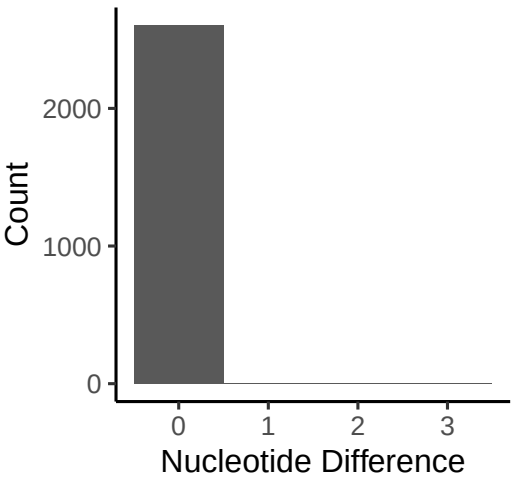
TRBV11−3*ap01

7658 sequences assigned
7646 (99.8%) exact matches, in which:
7645 unique CDR3
12 unique J



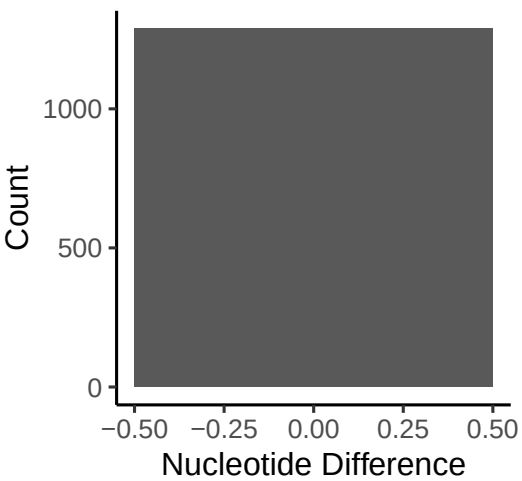
TRBV12−5*ap01

2609 sequences assigned
2603 (99.8%) exact matches, in which:
2603 unique CDR3
12 unique J



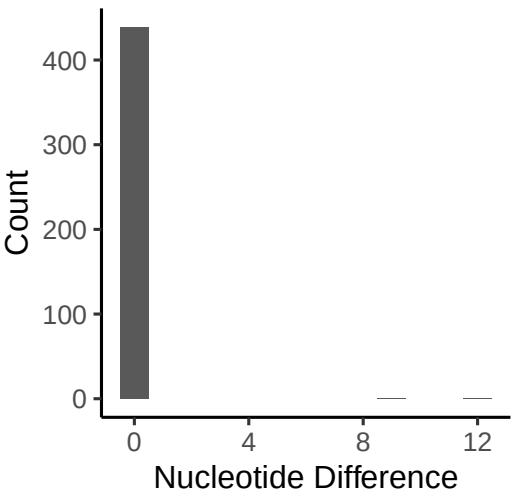
TRBV11−1*ap01

1288 sequences assigned
1288 (100%) exact matches, in which:
1287 unique CDR3
12 unique J



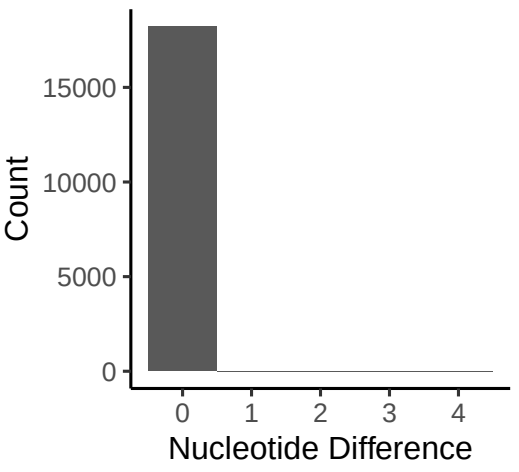
TRBV12−1*ap01

441 sequences assigned
439 (99.5%) exact matches, in which:
438 unique CDR3
12 unique J



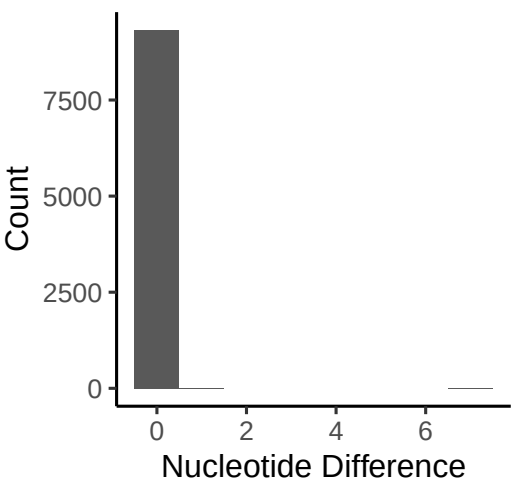
TRBV12−34*ap01

18249 sequences assigned
18219 (99.8%) exact matches, in which:
18215 unique CDR3
13 unique J



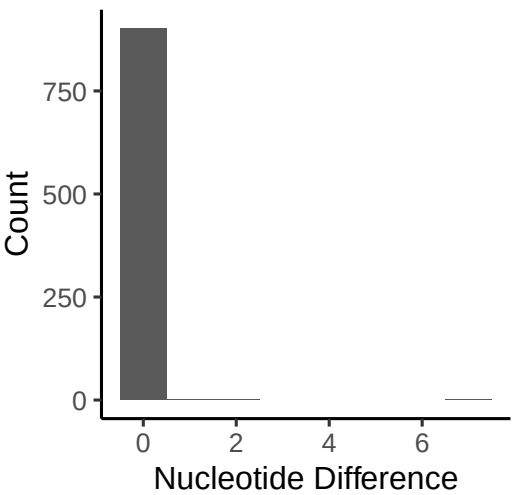
TRBV11−2*ap01

9328 sequences assigned
9320 (99.9%) exact matches, in which:
9320 unique CDR3
13 unique J



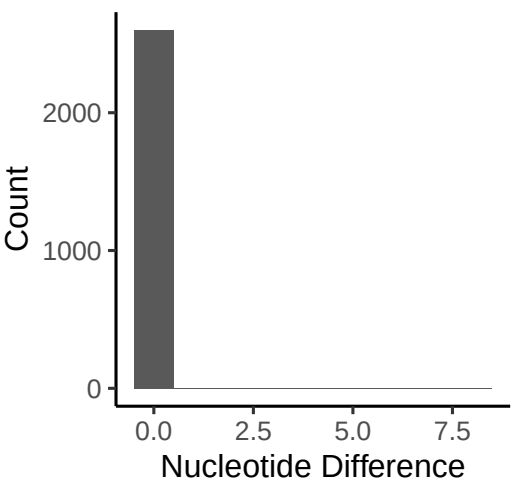
TRBV12−2*ap01

907 sequences assigned
902 (99.4%) exact matches, in which:
902 unique CDR3
12 unique J



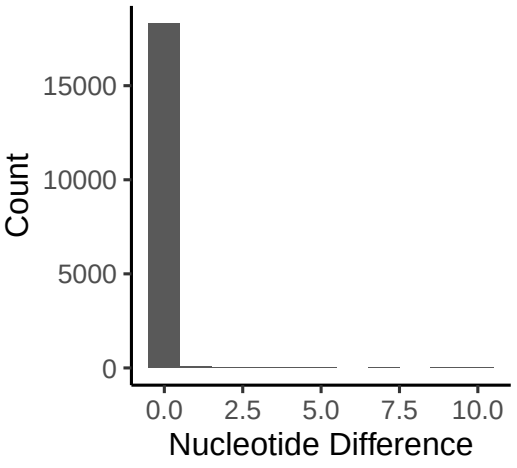
TRBV23−1*ap01

2615 sequences assigned
2600 (99.4%) exact matches, in which:
2600 unique CDR3
12 unique J



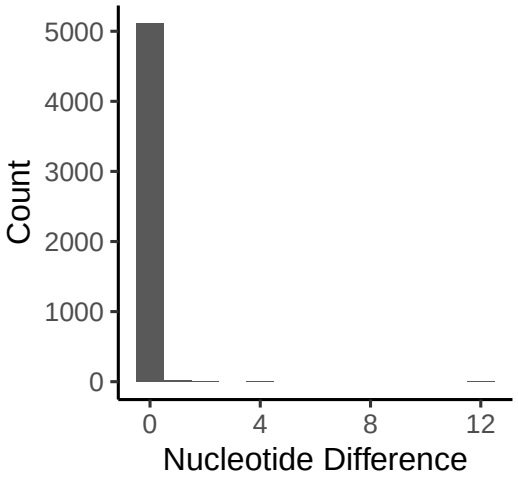
TRBV3−12*ap01

18391 sequences assigned
18324 (99.6%) exact matches, in which:
18275 unique CDR3
13 unique J



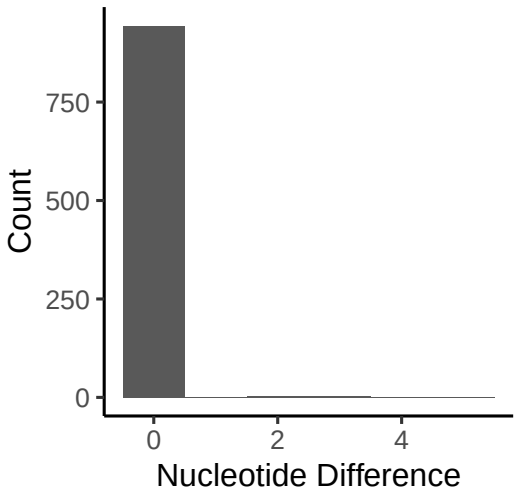
TRBV4−2*ap01

5131 sequences assigned
5112 (99.6%) exact matches, in which:
5111 unique CDR3
13 unique J



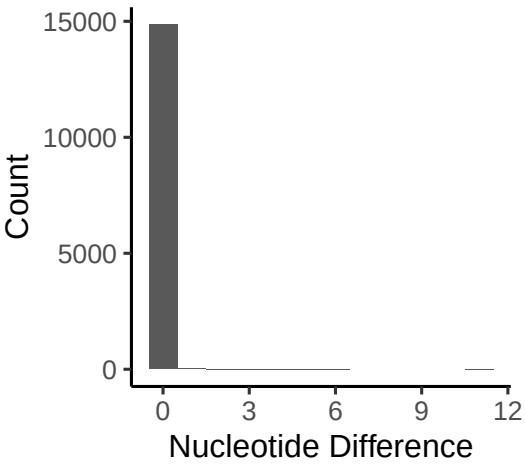
TRBV5−3*ap01

954 sequences assigned
944 (99%) exact matches, in which:
944 unique CDR3
12 unique J



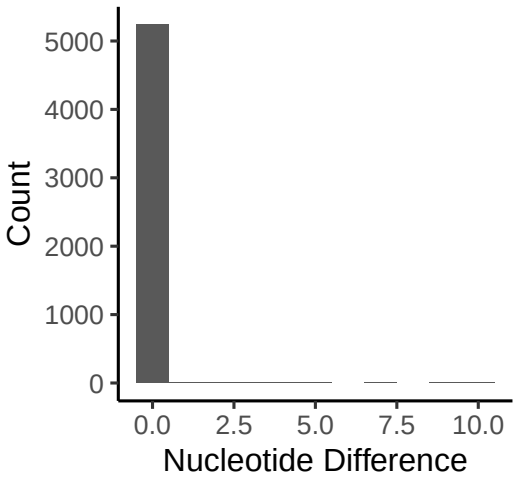
TRBV24−1*ap01

14905 sequences assigned
14864 (99.7%) exact matches, in which:
14834 unique CDR3
13 unique J



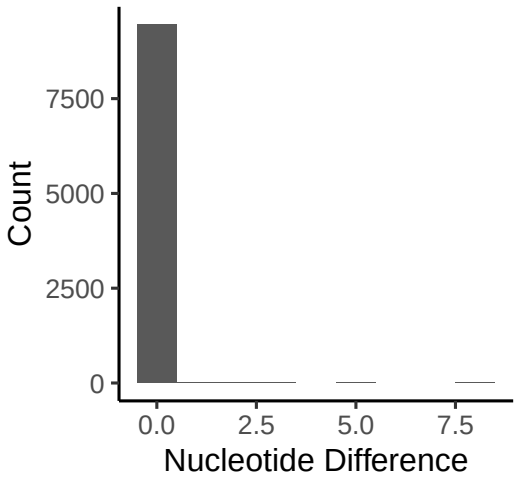
TRBV25−1*ap01

5262 sequences assigned
5238 (99.5%) exact matches, in which:
5226 unique CDR3
13 unique J



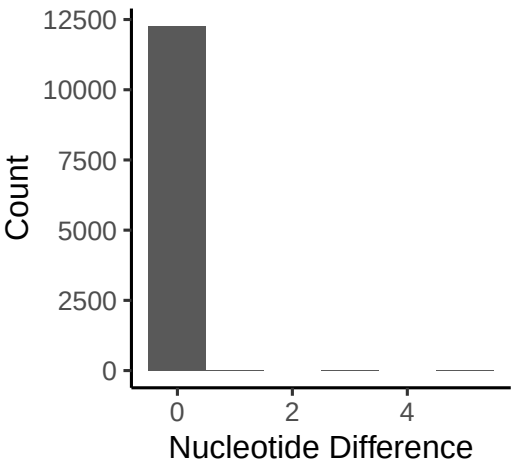
TRBV5−4*ap01

9472 sequences assigned
9449 (99.8%) exact matches, in which:
9448 unique CDR3
13 unique J



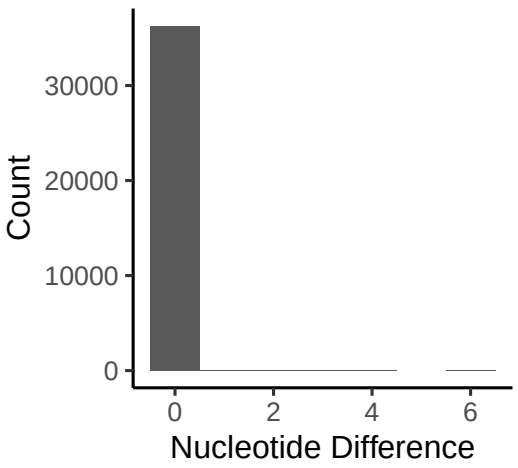
TRBV4−1*ap01

12298 sequences assigned
12277 (99.8%) exact matches, in which:
12272 unique CDR3
13 unique J



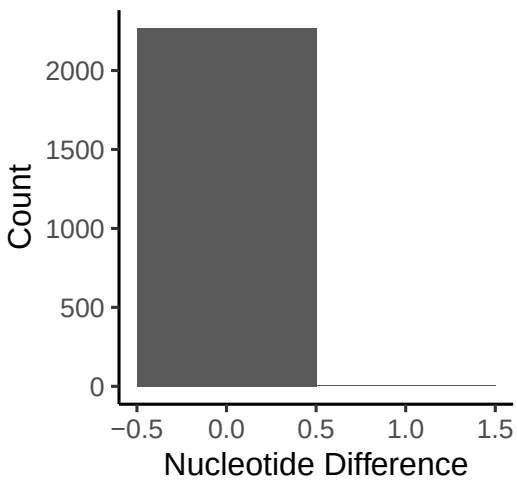
TRBV5−1*ap01

36353 sequences assigned
36286 (99.8%) exact matches, in which:
36224 unique CDR3
14 unique J



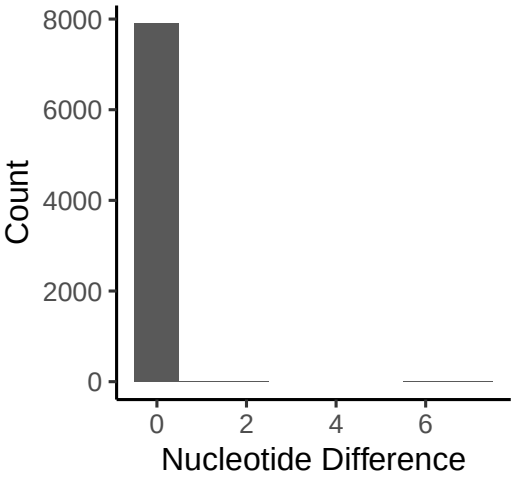
TRBV5−5*ap01

2273 sequences assigned
2269 (99.8%) exact matches, in which:
2265 unique CDR3
12 unique J



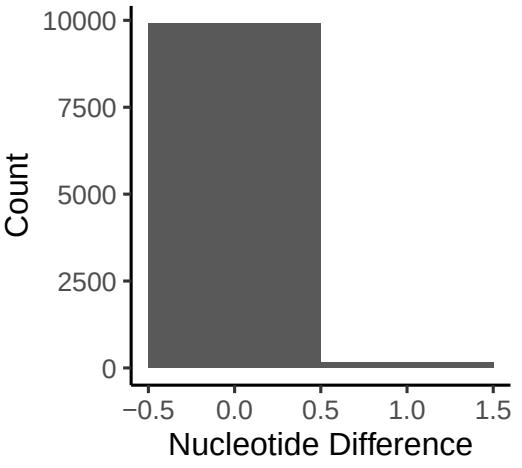
TRBV5−6*ap01

7922 sequences assigned
7904 (99.8%) exact matches, in which:
7880 unique CDR3
13 unique J



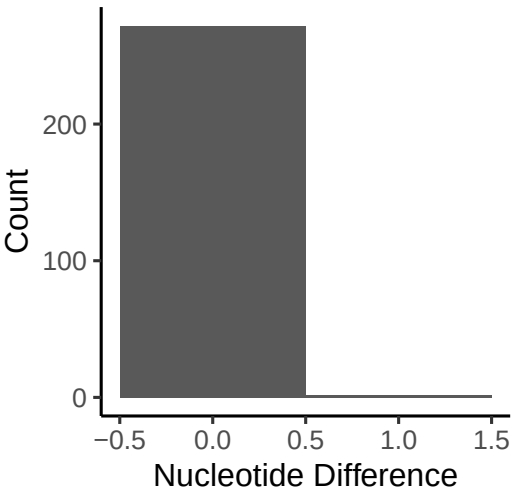
TRBV6−1*ap01

10076 sequences assigned
9919 (98.4%) exact matches, in which:
9910 unique CDR3
13 unique J



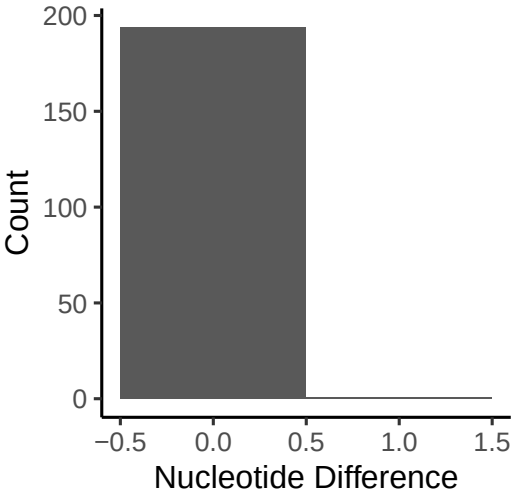
TRBV6−8*ap01

274 sequences assigned
272 (99.3%) exact matches, in which:
272 unique CDR3
12 unique J



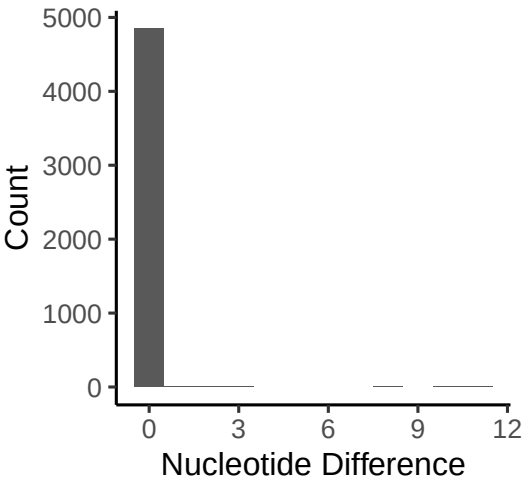
TRBV5−7*ap01

195 sequences assigned
194 (99.5%) exact matches, in which:
194 unique CDR3
12 unique J



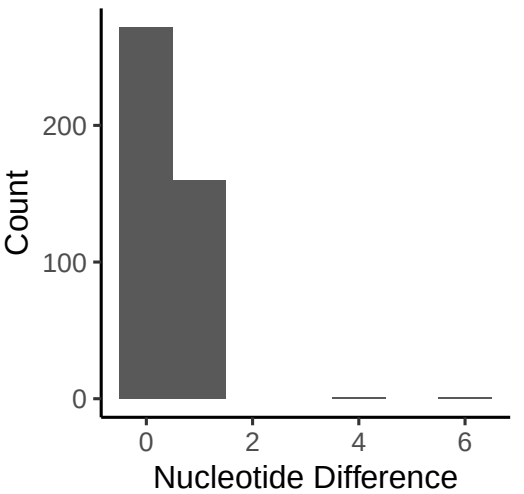
TRBV6−4*ap01

4867 sequences assigned
4847 (99.6%) exact matches, in which:
4847 unique CDR3
12 unique J



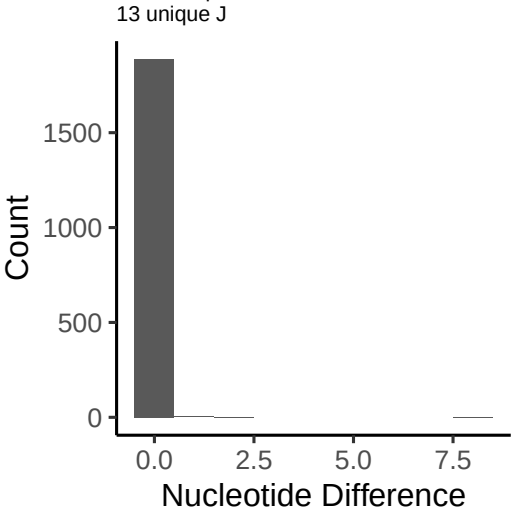
TRBV6−9*ap01

434 sequences assigned
272 (62.7%) exact matches, in which:
271 unique CDR3
12 unique J



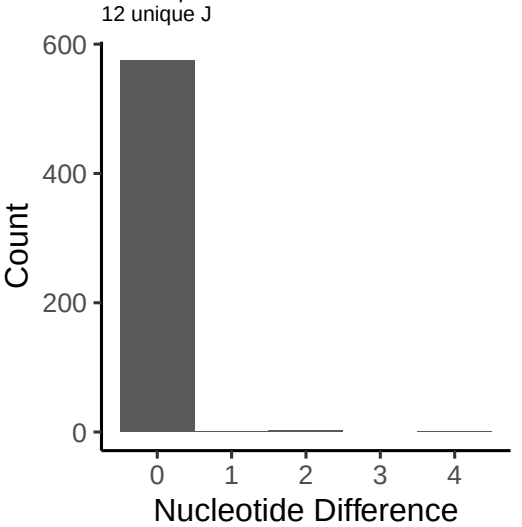
TRBV5−8*ap01

1897 sequences assigned
1888 (99.5%) exact matches, in which:
1888 unique CDR3
13 unique J



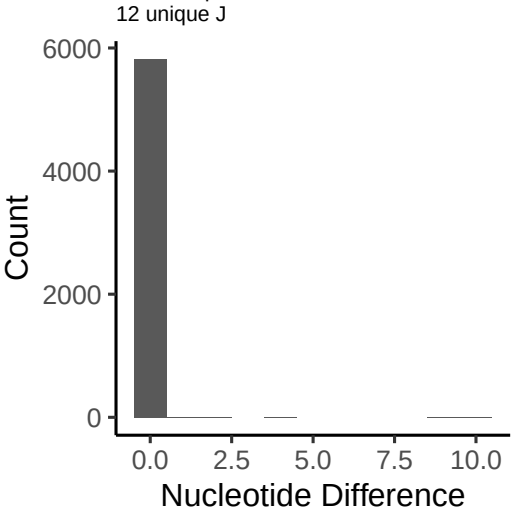
TRBV6−7*ap01

579 sequences assigned
575 (99.3%) exact matches, in which:
575 unique CDR3
12 unique J



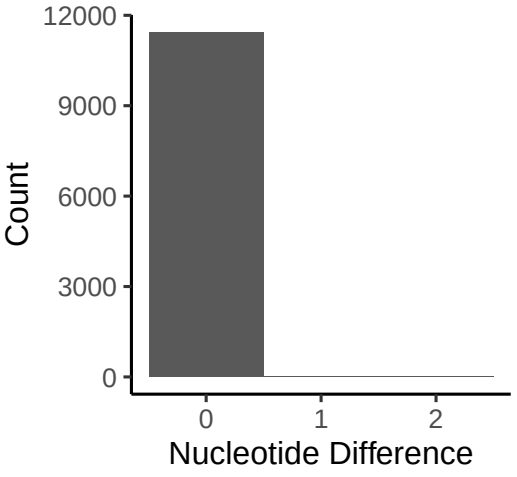
TRBV6−23*ap01

5832 sequences assigned
5820 (99.8%) exact matches, in which:
5808 unique CDR3
12 unique J



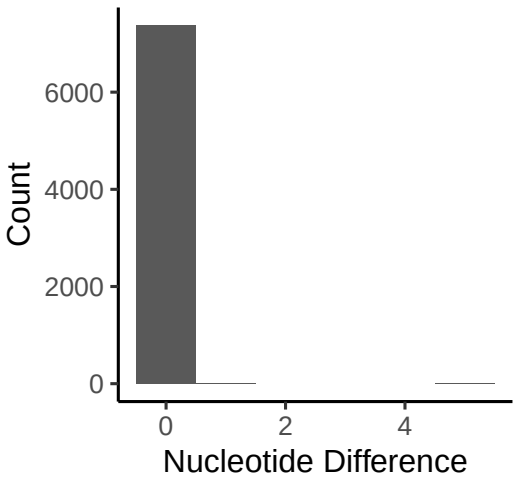
TRBV6−56*ap01

11460 sequences assigned
11441 (99.8%) exact matches, in which:
11428 unique CDR3
13 unique J



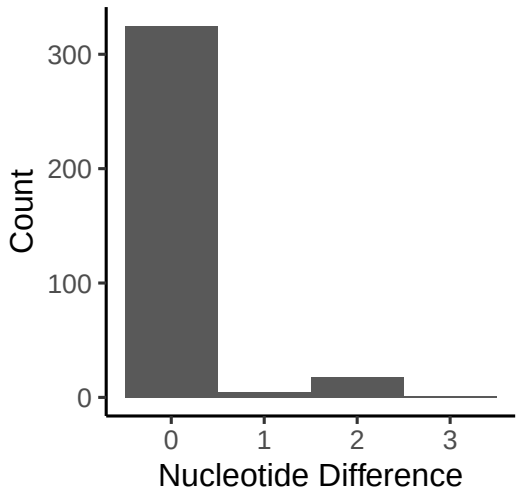
TRBV7−2*ap01

7381 sequences assigned
7374 (99.9%) exact matches, in which:
7373 unique CDR3
13 unique J



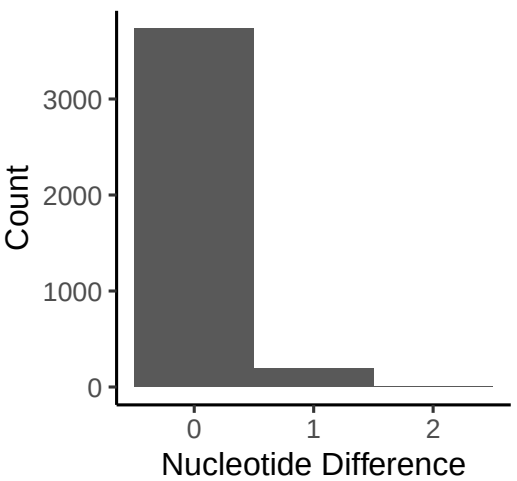
TRBV7−4*ap01

349 sequences assigned
325 (93.1%) exact matches, in which:
324 unique CDR3
12 unique J



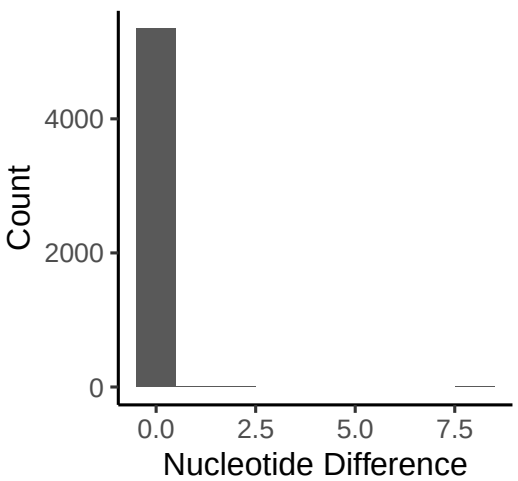
TRBV6−56*ap02

3927 sequences assigned
3732 (95%) exact matches, in which:
3729 unique CDR3
13 unique J



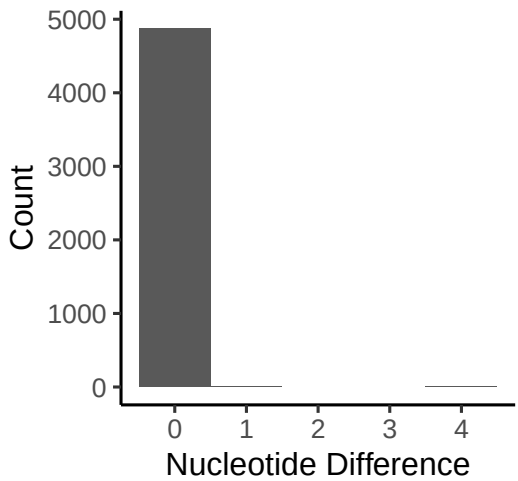
TRBV7−3*ap01

5356 sequences assigned
5344 (99.8%) exact matches, in which:
5340 unique CDR3
13 unique J



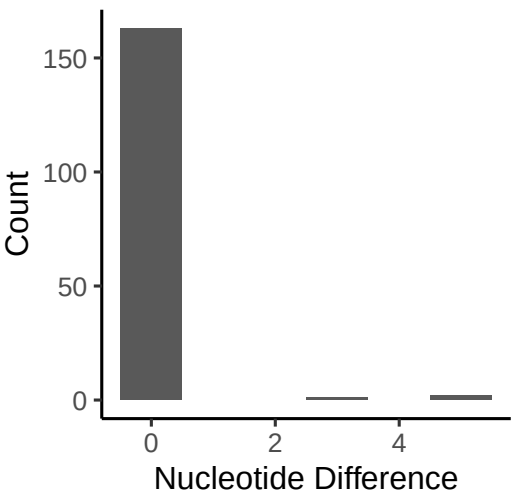
TRBV7−6*ap01

4876 sequences assigned
4871 (99.9%) exact matches, in which:
4868 unique CDR3
12 unique J



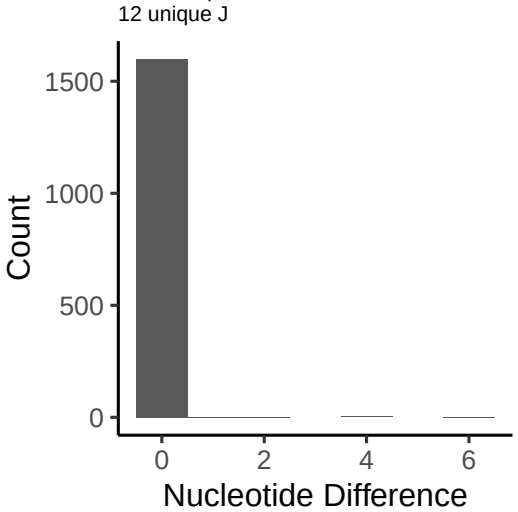
TRBV7−1*ap01_G291C_

166 sequences assigned
163 (98.2%) exact matches, in which:
163 unique CDR3
12 unique J



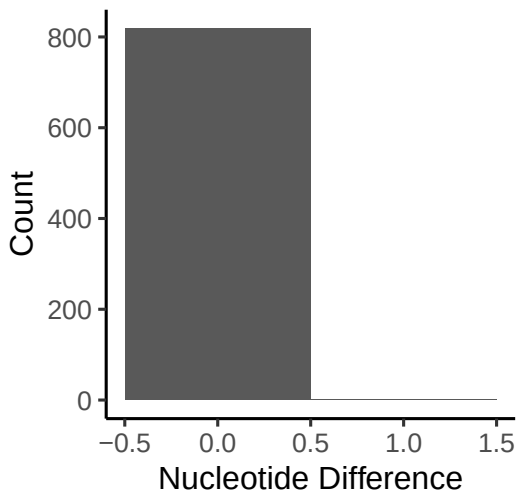
TRBV7−3*ap03

1607 sequences assigned
1599 (99.5%) exact matches, in which:
1598 unique CDR3
12 unique J



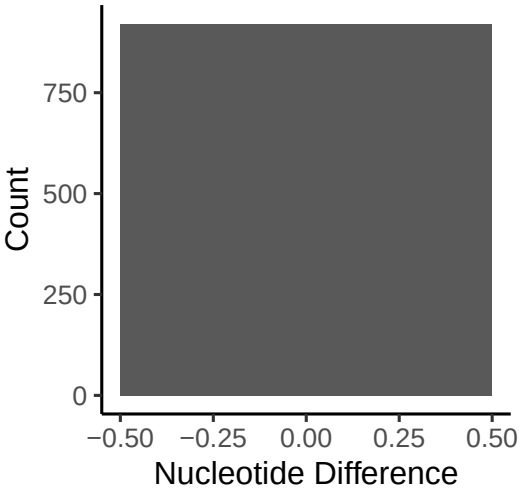
TRBV7−7*ap01

821 sequences assigned
819 (99.8%) exact matches, in which:
819 unique CDR3
12 unique J



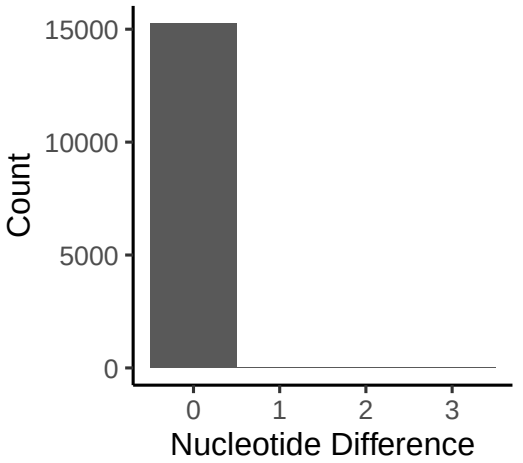
TRBV7−7*ap01_C315T

921 sequences assigned
921 (100%) exact matches, in which:
921 unique CDR3
12 unique J



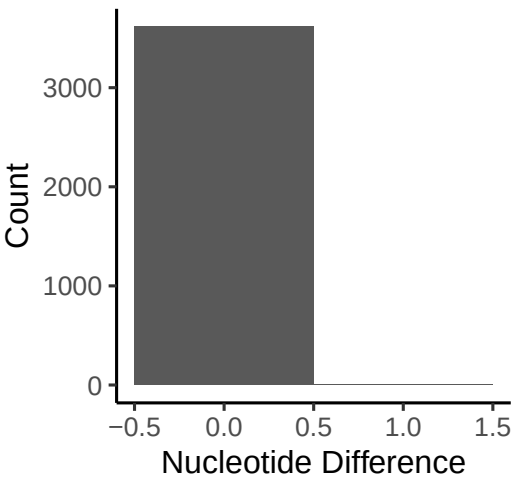
TRBV7−9*ap01

15296 sequences assigned
15268 (99.8%) exact matches, in which:
15266 unique CDR3
12 unique J



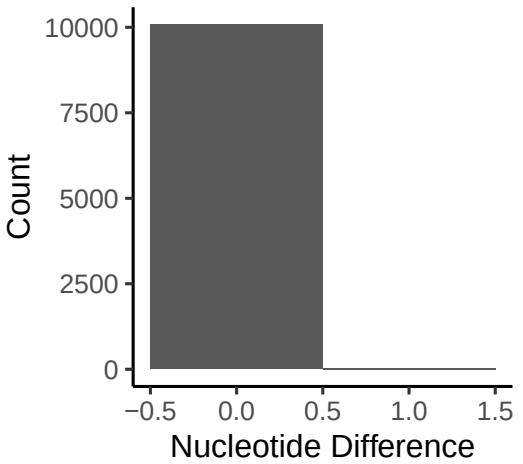
TRBV7−8*ap01

3617 sequences assigned
3615 (99.9%) exact matches, in which:
3615 unique CDR3
12 unique J



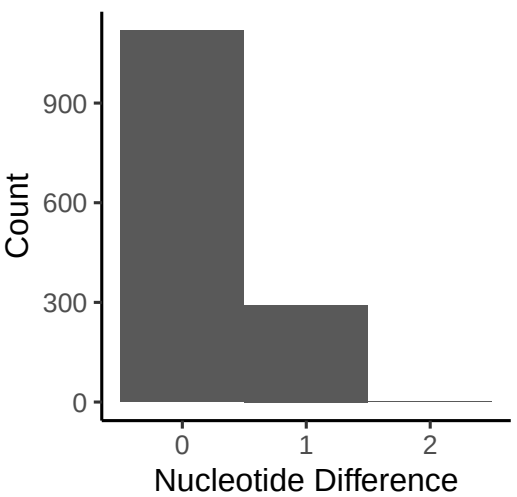
TRBV29−1*ap01

10117 sequences assigned
10083 (99.7%) exact matches, in which:
10065 unique CDR3
13 unique J



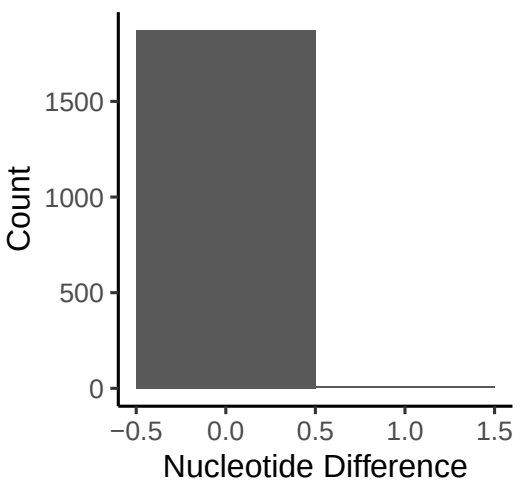
TRBV7−8*ap03

1413 sequences assigned
1119 (79.2%) exact matches, in which:
1119 unique CDR3
12 unique J

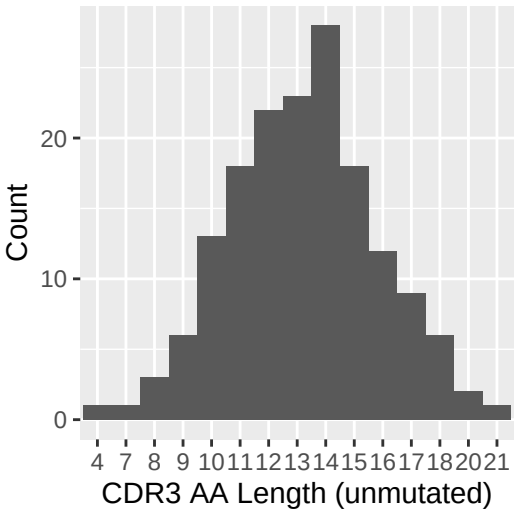


TRBV29−1*ap02

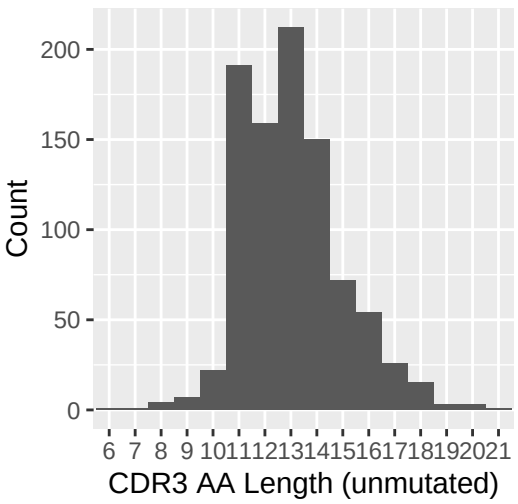
1883 sequences assigned
1873 (99.5%) exact matches, in which:
1872 unique CDR3
12 unique J



TRBV7−1*ap01_G291C_T296C_C314T



TRBV7−7*ap01_C315T



Allele Usage
Allele %
100
75
50
25
0
TRBJ1−1
TRBJ1−2
TRBJ1−3
TRBJ1−4
TRBJ1−5
TRBJ1−6
TRBJ2−1
TRBJ2−2
TRBJ2−3
TRBJ2−4
TRBJ2−5
TRBJ2−6
TRBJ2−7
TRBJ2−2P
Gene
01
02

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.