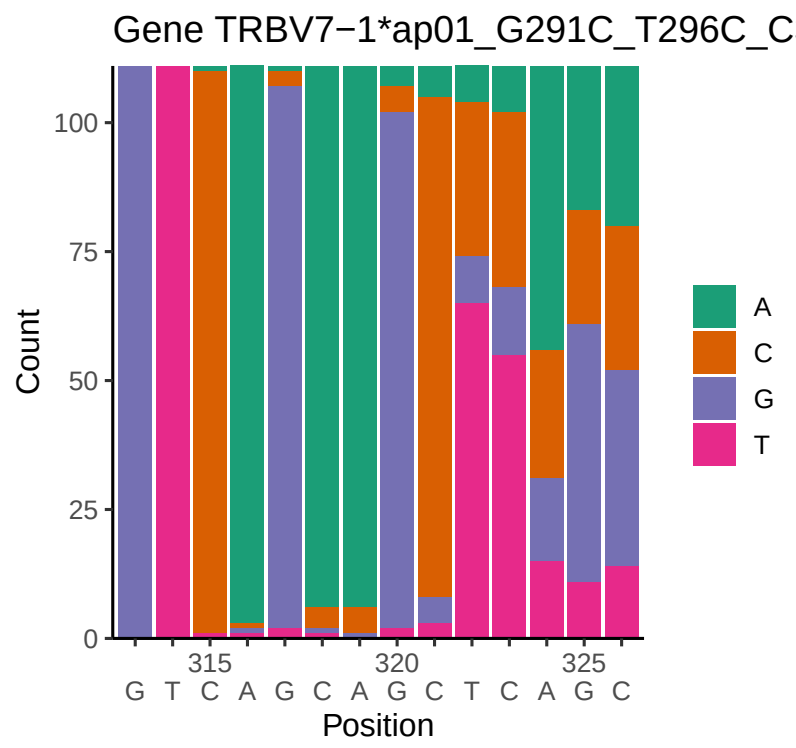
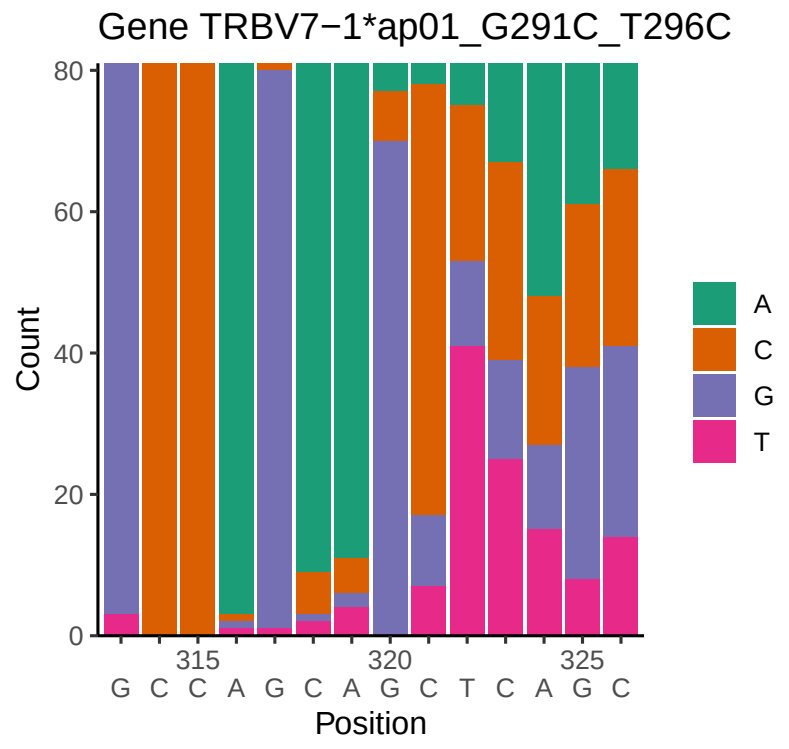
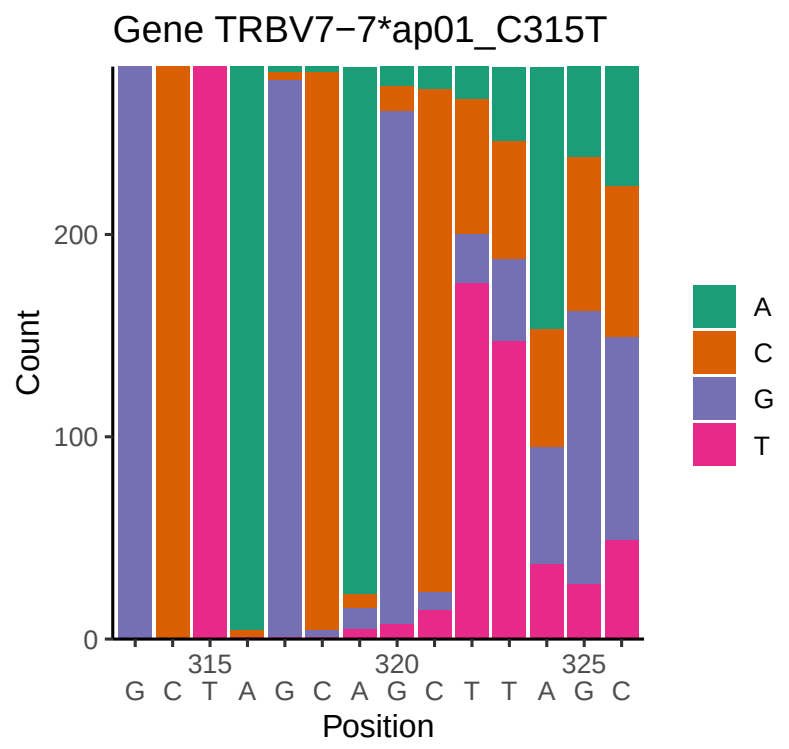
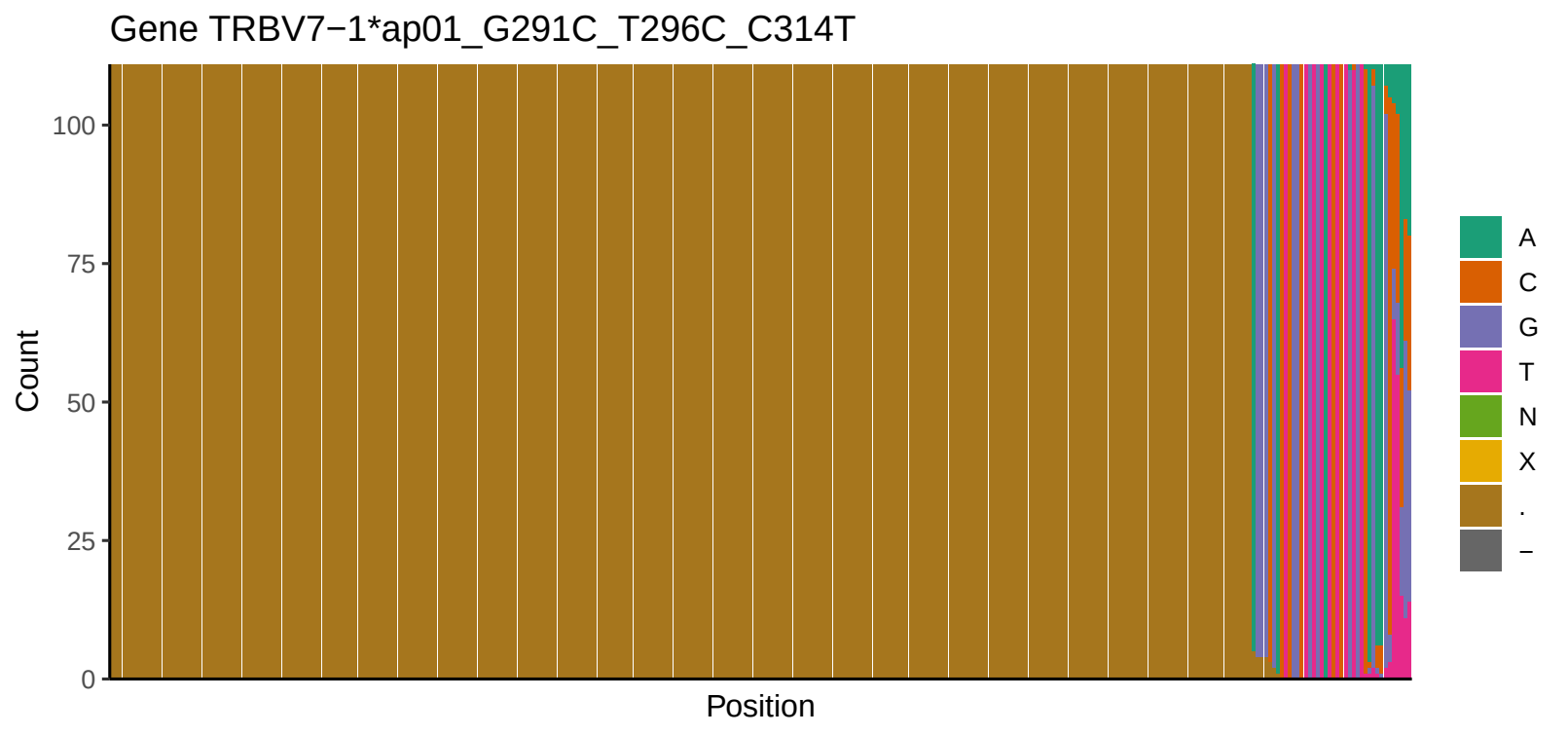
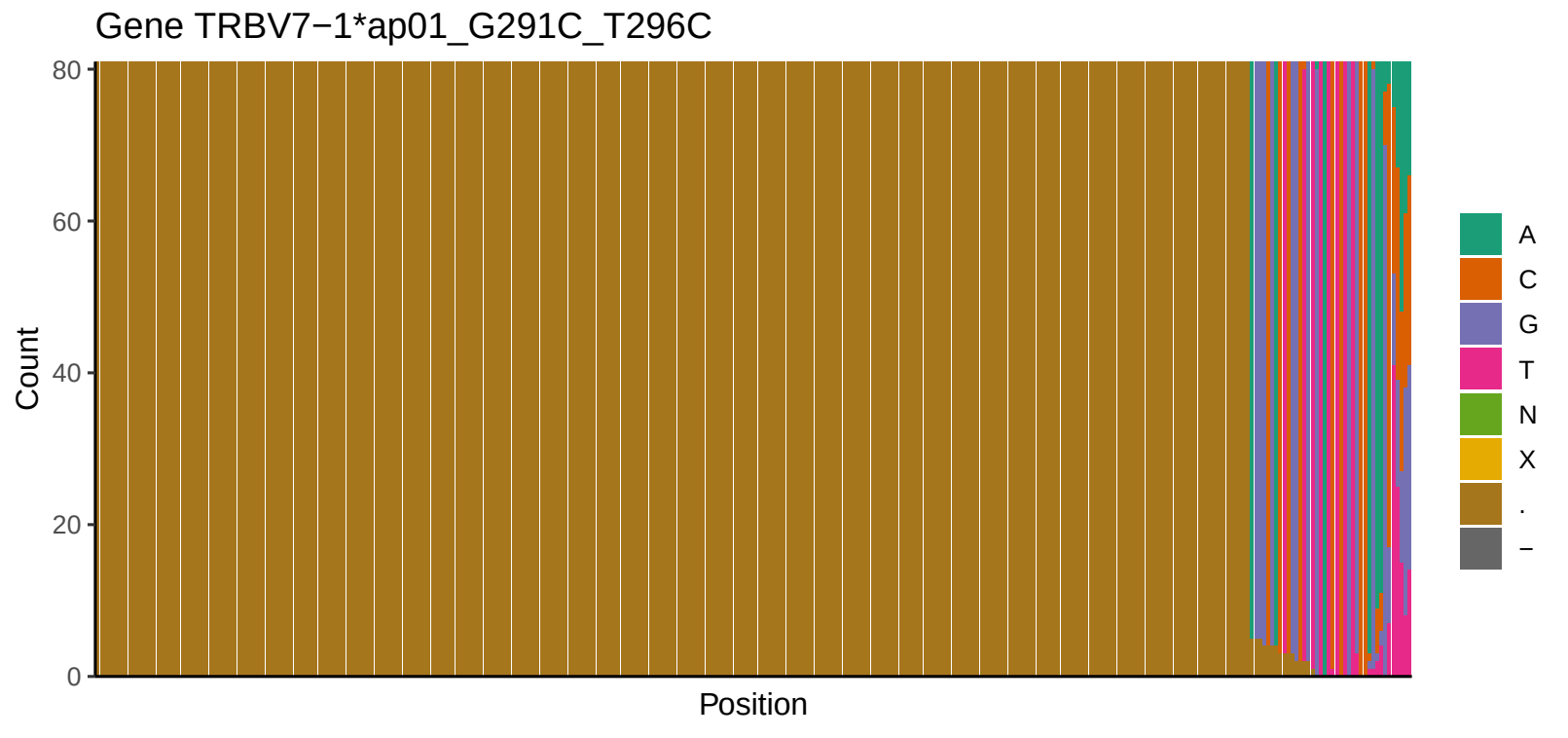
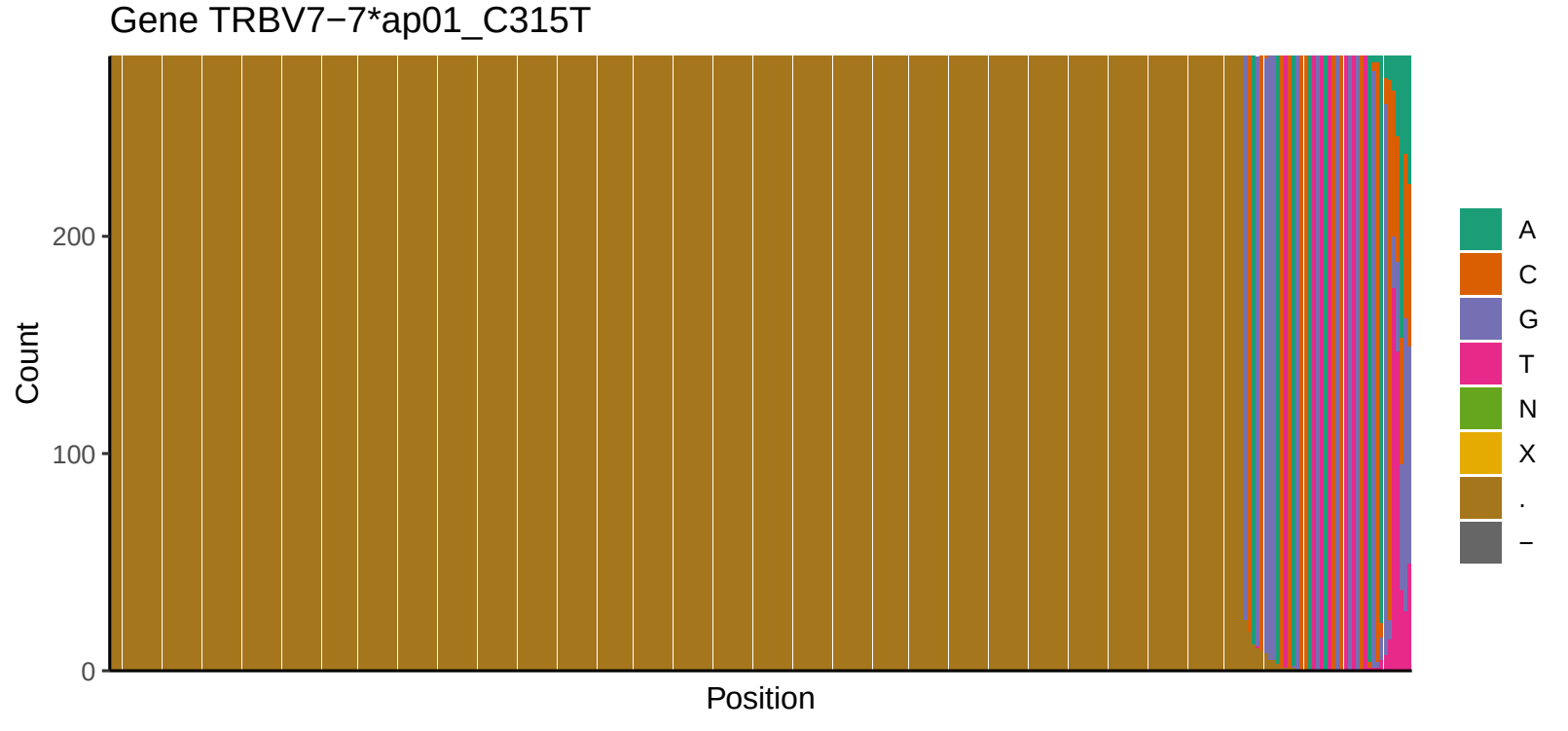

Gene TRBV7−1*ap01_G291C_T296C_C314T
Count
100
75
50
25
0
315
320
325
G T C A G C A G C T C A G C
Position
A
C
G
T

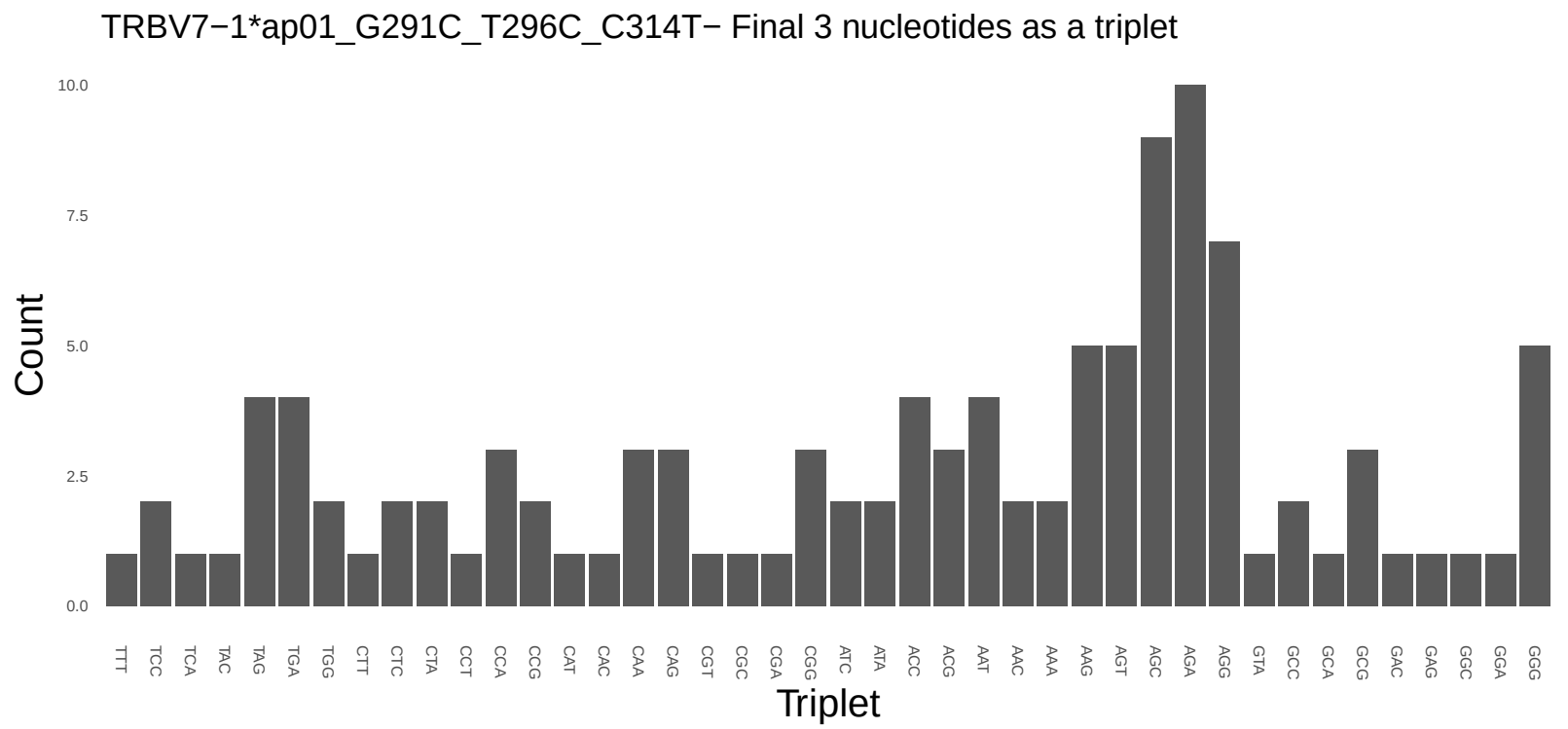

Gene TRBV7−1*ap01_G291C_T296C
Count
80
60
40
20
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T

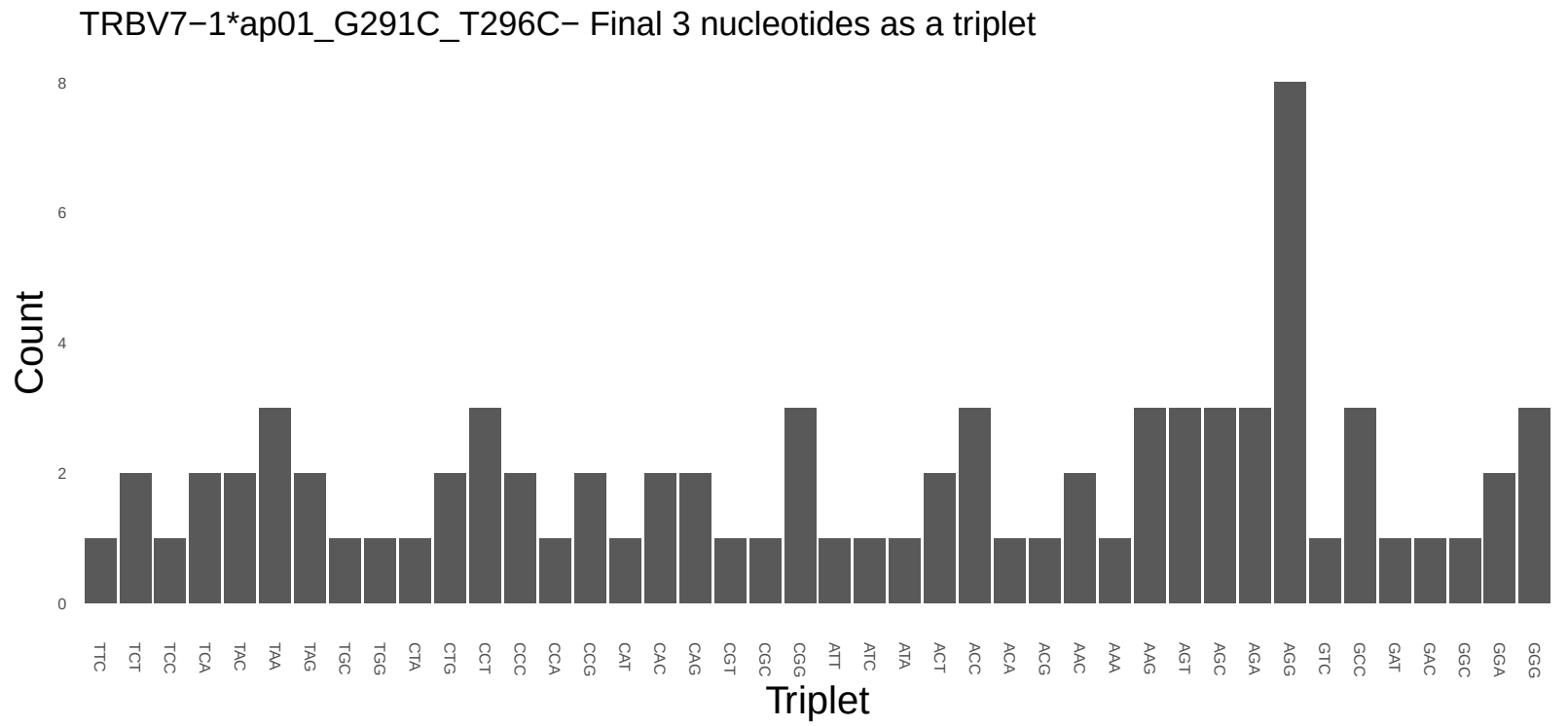

Gene TRBV7−7*ap01_C315T
Count
200
100
0
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

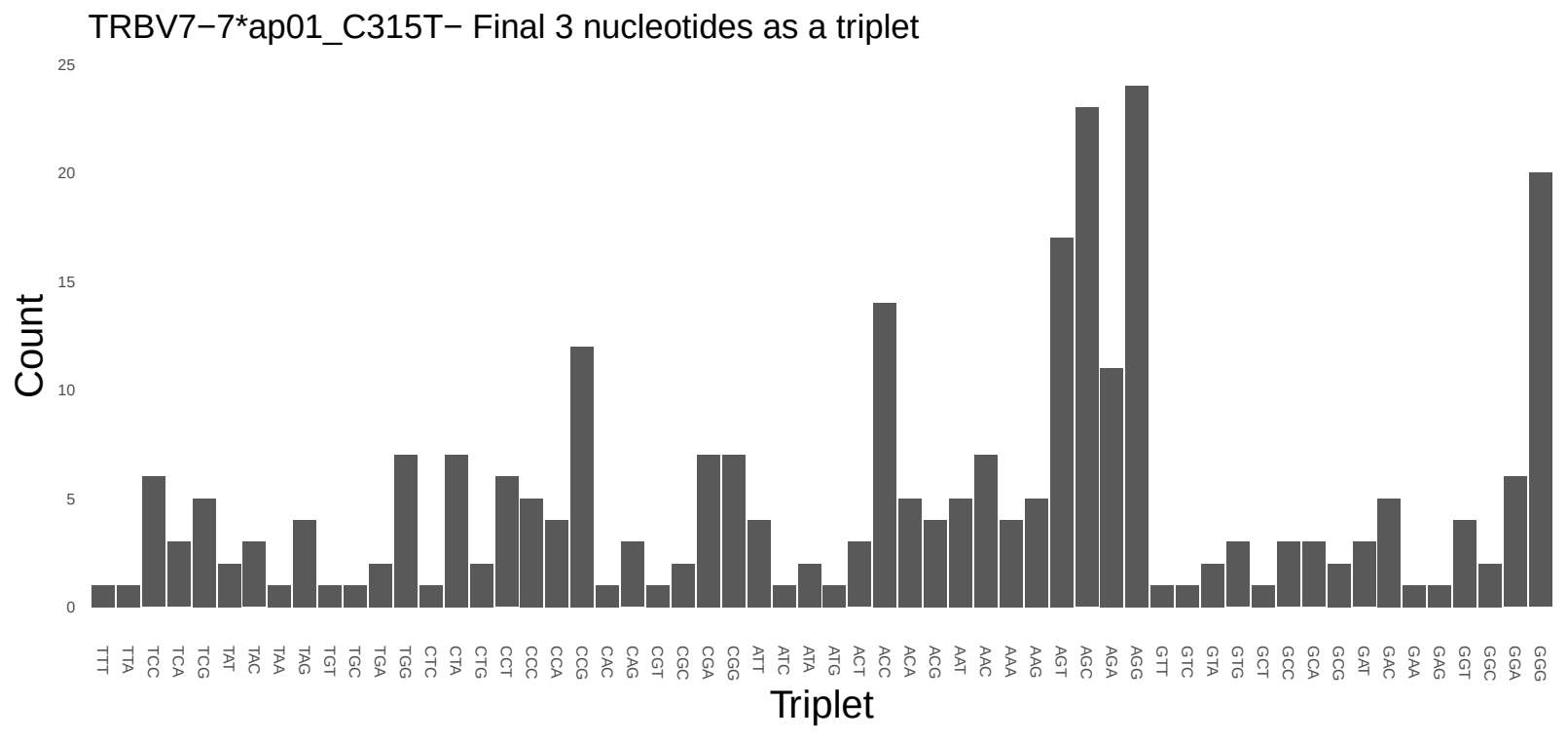

Gene TRBV7−1*ap01_G291C_T296C_C314T
Count
100
75
50
25
0
Position
A
C
G
T
N
X
.
–


Gene TRBV7−1*ap01_G291C_T296C
Count
80
60
40
20
0
Position
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
Count
200
100
0
Position
A
C
G
T
N
X
.
–

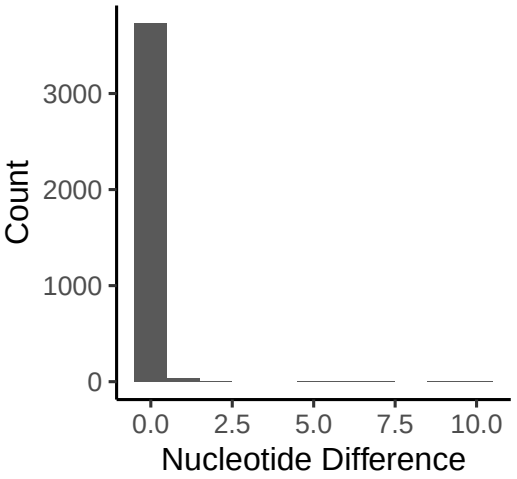

TRBV7−1*ap01_G291C_T296C_C314T− Final 3 nucleotides as a triplet
Count
10.0
7.5
5.0
2.5
0.0
TTT TCC TCA TAC TAG TGA TGG CTT CTC CTA CCT CCA CCG CAT CAC CAA CAG CGT CGC CGA CGG ATC ATA ACC ACG AAT AAC AAA AAG AGT AGC AGA AGG GTA GCC GCA GCG GAC GAG GGC GGA GGG
Triplet


TRBV7−1*ap01_G291C_T296C− Final 3 nucleotides as a triplet
Count
8
6
4
2
0
TTC TCT TCC TCA TAC TAA TAG TGC TGG CTA CTG CCT CCC CCA CCG CAT CAC CAG CGT CGC CGG ATT ATC ATA ACT ACC ACA ACG AAC AAA AAG AGT AGC AGA AGG GTC GCC GAT GAC GGC GGA GGG
Triplet


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet
Count
25
20
15
10
5
0
TTT TTA TCC TCA TCG TAT TAC TAA TAG TGT TGC TGA TGG CTC CTA CTG CCT CCC CCA CCG CAC CAG CGT CGC CGA CGG ATT ATC ATA ATG ACT ACC ACA ACG AAT AAC AAA AAG AGT AGC AGA AGG GTT GTC GTA GTG GCT GCC GCA GCG GAT GAC GAA GAG GGT GGC GGA GGG
Triplet

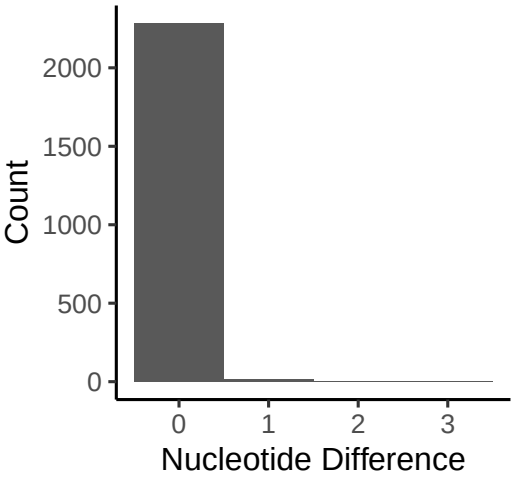
TRBV10−1*ap01

3776 sequences assigned
3730 (98.8%) exact matches, in which:
3643 unique CDR3
14 unique J



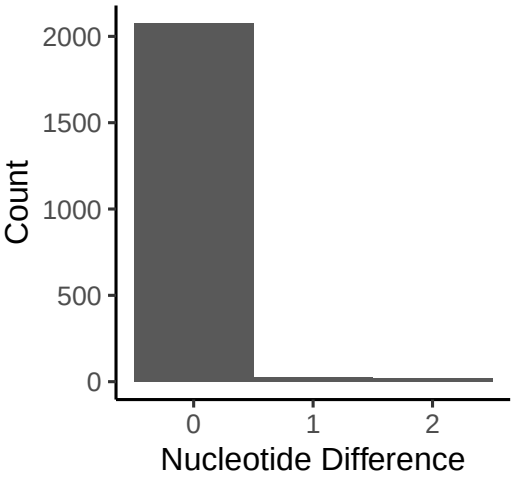
TRBV10−2*ap01

2299 sequences assigned
2283 (99.3%) exact matches, in which:
2226 unique CDR3
13 unique J



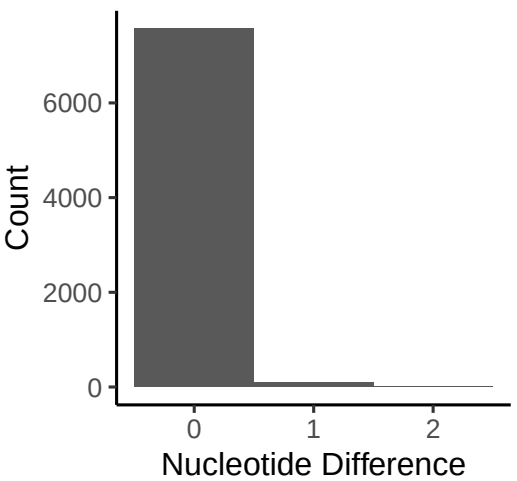
TRBV13*ap01

2126 sequences assigned
2075 (97.6%) exact matches, in which:
2008 unique CDR3
13 unique J



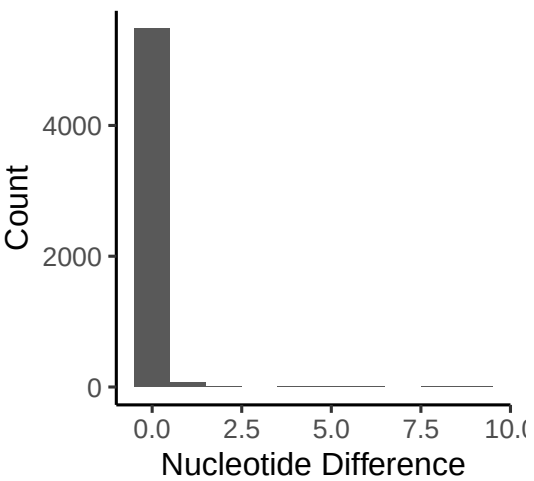
TRBV20−1*ap01

7663 sequences assigned
7567 (98.7%) exact matches, in which:
7457 unique CDR3
13 unique J



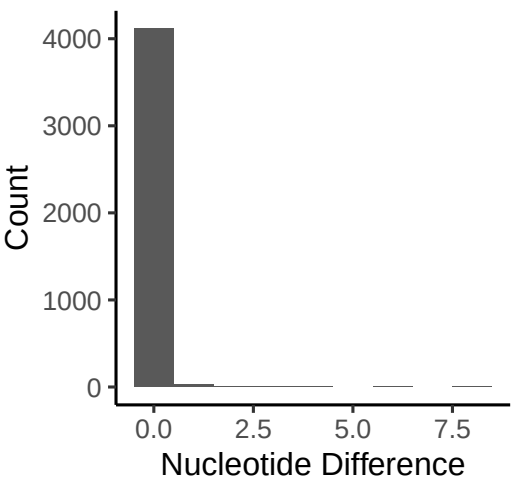
TRBV10−3*ap01

5553 sequences assigned
5479 (98.7%) exact matches, in which:
5366 unique CDR3
13 unique J



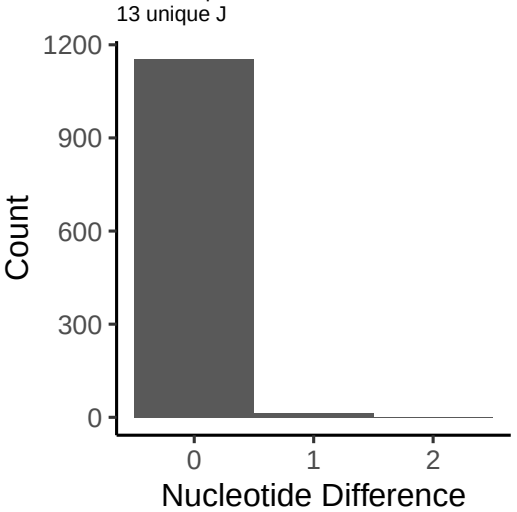
TRBV14*ap01

4152 sequences assigned
4115 (99.1%) exact matches, in which:
4047 unique CDR3
13 unique J



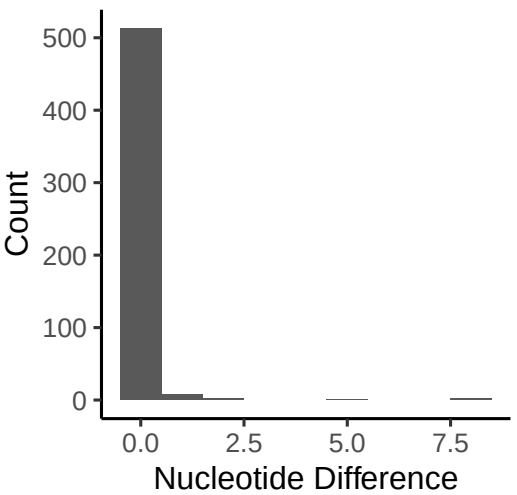
TRBV20−1*ap02

1168 sequences assigned
1154 (98.8%) exact matches, in which:
1138 unique CDR3
13 unique J



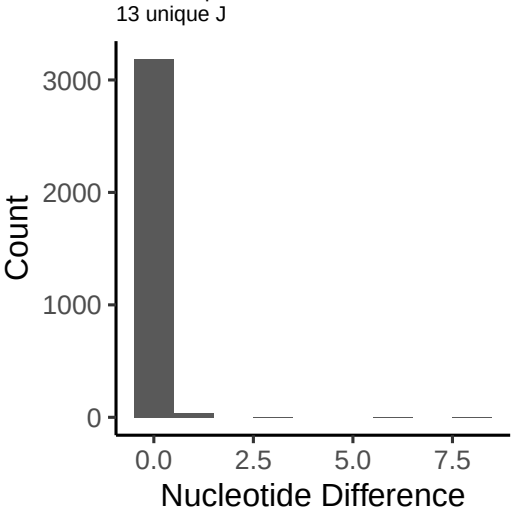
TRBV1*ap01

526 sequences assigned
513 (97.5%) exact matches, in which:
507 unique CDR3
13 unique J



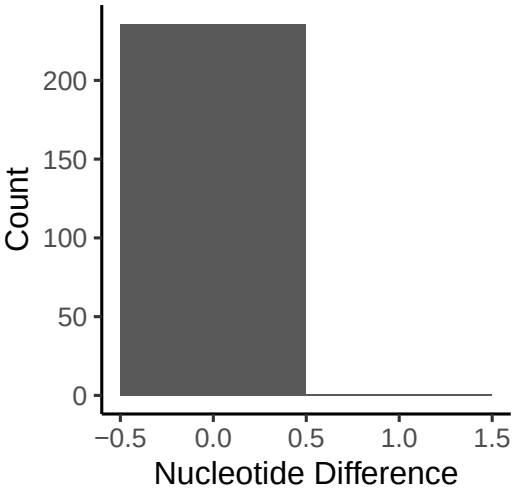
TRBV15*ap02

3226 sequences assigned
3186 (98.8%) exact matches, in which:
3121 unique CDR3
13 unique J



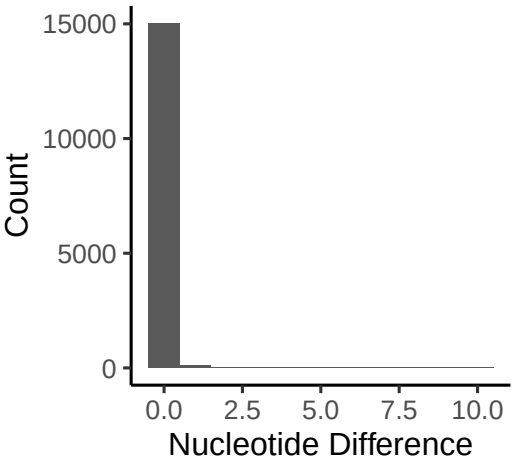
TRBV16*ap01

237 sequences assigned
236 (99.6%) exact matches, in which:
233 unique CDR3
12 unique J



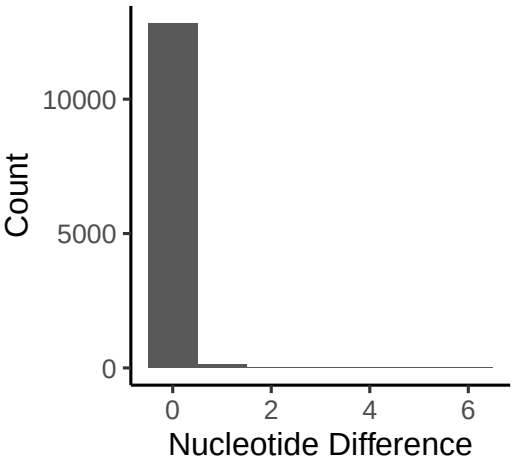
TRBV19*ap01

15180 sequences assigned
15031 (99%) exact matches, in which:
14862 unique CDR3
13 unique J



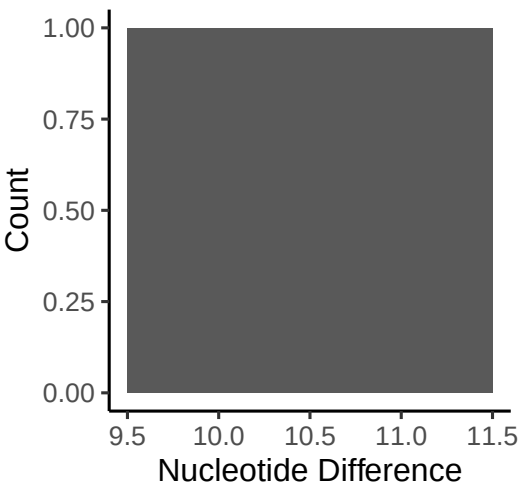
TRBV28*ap01

12958 sequences assigned
12829 (99%) exact matches, in which:
12585 unique CDR3
13 unique J



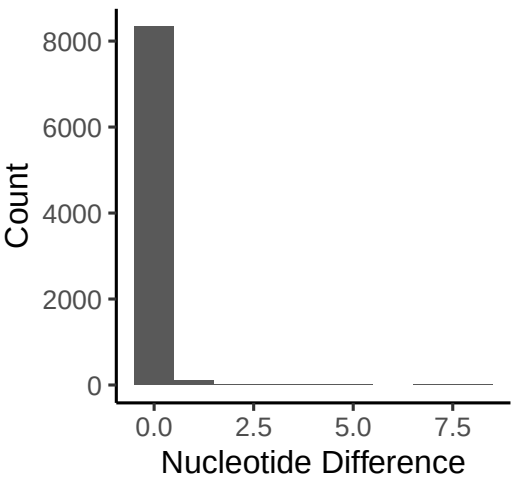
TRBV17*ap01

2 sequences assigned
No exact matches.



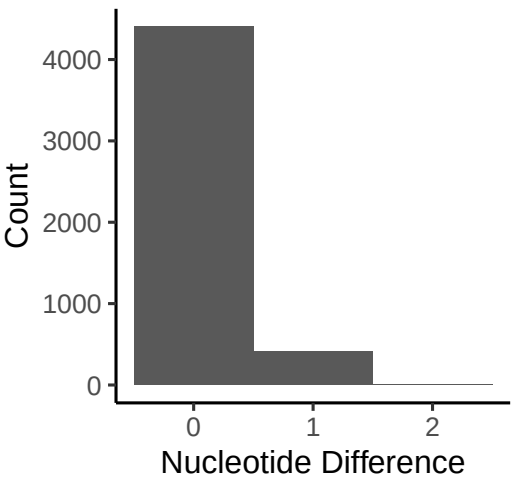
TRBV2*ap01

8436 sequences assigned
8334 (98.8%) exact matches, in which:
8140 unique CDR3
13 unique J



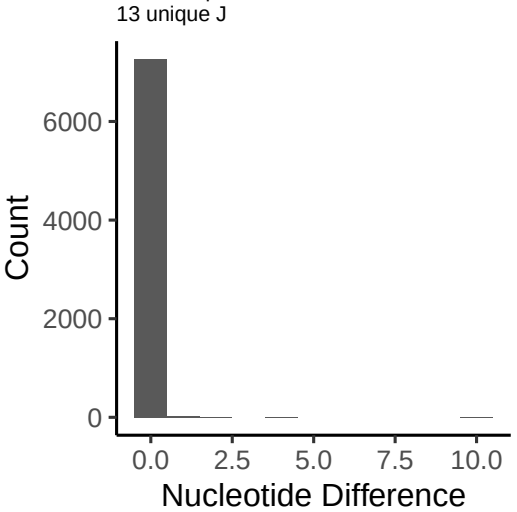
TRBV30*ap01

4823 sequences assigned
4403 (91.3%) exact matches, in which:
4336 unique CDR3
13 unique J



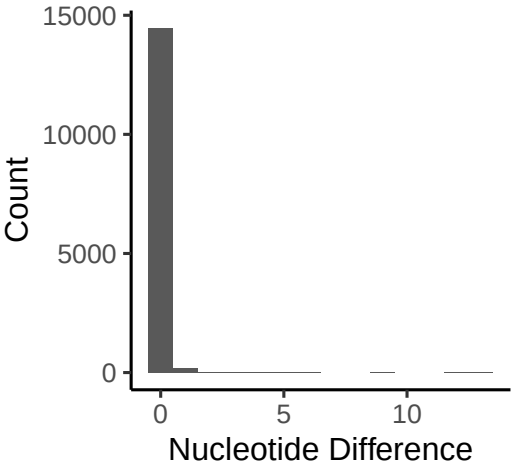
TRBV18*ap01

7304 sequences assigned
7266 (99.5%) exact matches, in which:
7173 unique CDR3
13 unique J



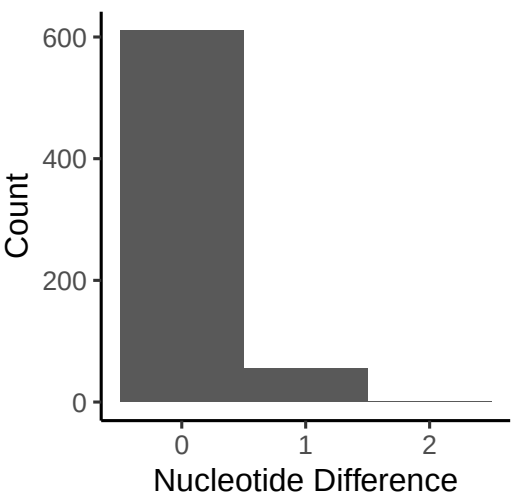
TRBV27*ap01

14673 sequences assigned
14474 (98.6%) exact matches, in which:
14109 unique CDR3
13 unique J



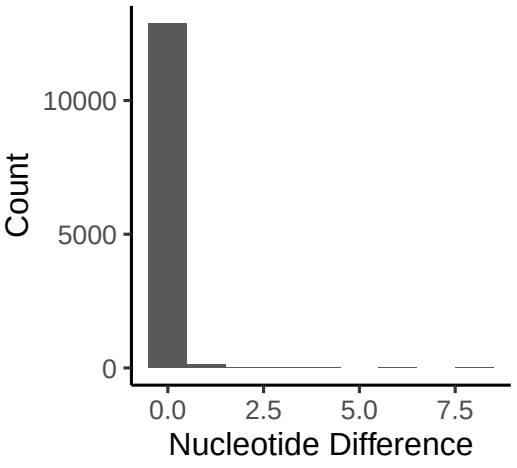
TRBV30*ap03

667 sequences assigned
611 (91.6%) exact matches, in which:
607 unique CDR3
13 unique J



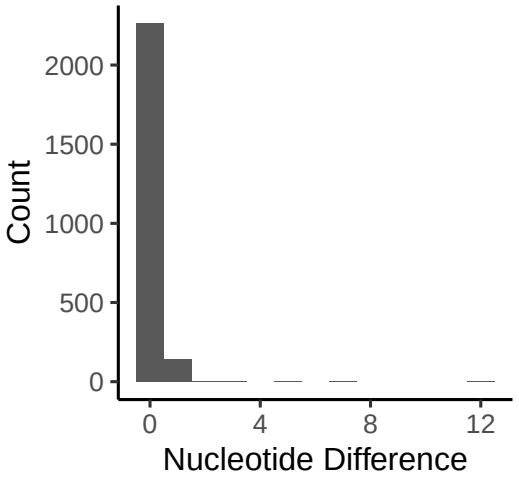
TRBV9*ap01

13046 sequences assigned
12894 (98.8%) exact matches, in which:
12634 unique CDR3
13 unique J



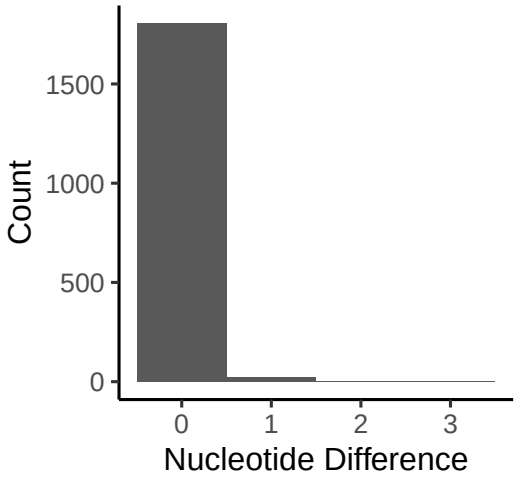
TRBV11−3*ap01

2415 sequences assigned
2263 (93.7%) exact matches, in which:
2241 unique CDR3
13 unique J



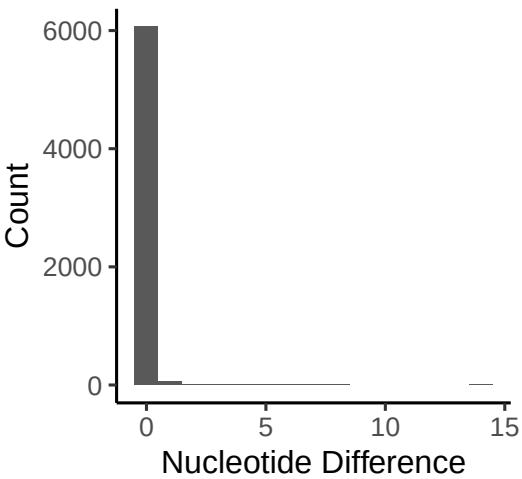
TRBV12−5*ap01

1830 sequences assigned
1805 (98.6%) exact matches, in which:
1770 unique CDR3
13 unique J



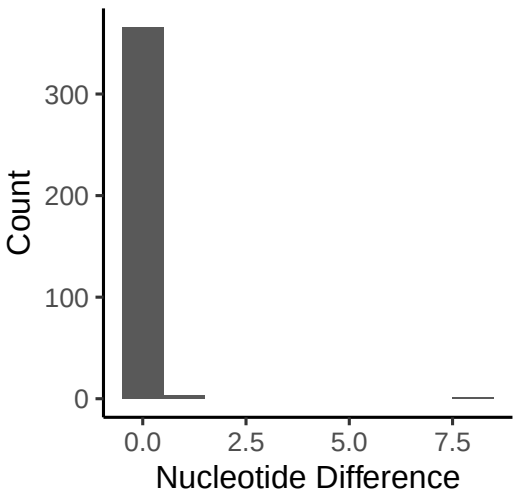
TRBV21−1*ap01

6174 sequences assigned
6065 (98.2%) exact matches, in which:
5980 unique CDR3
13 unique J



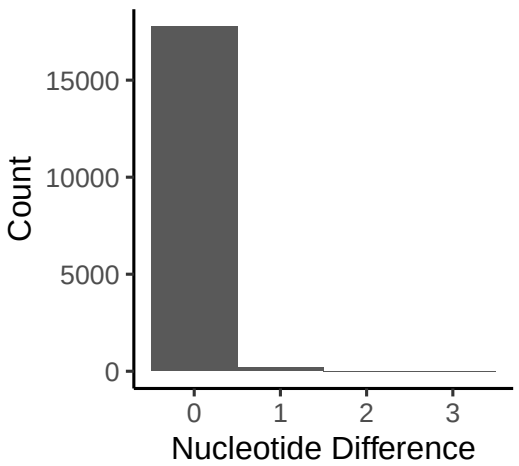
TRBV12−1*ap01

370 sequences assigned
366 (98.9%) exact matches, in which:
356 unique CDR3
13 unique J



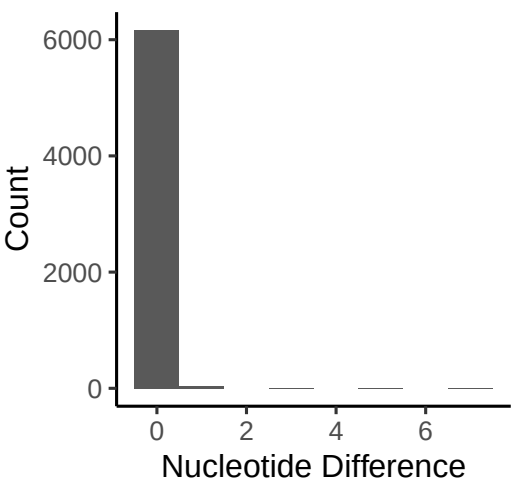
TRBV12−34*ap01

17971 sequences assigned
17767 (98.9%) exact matches, in which:
17390 unique CDR3
13 unique J



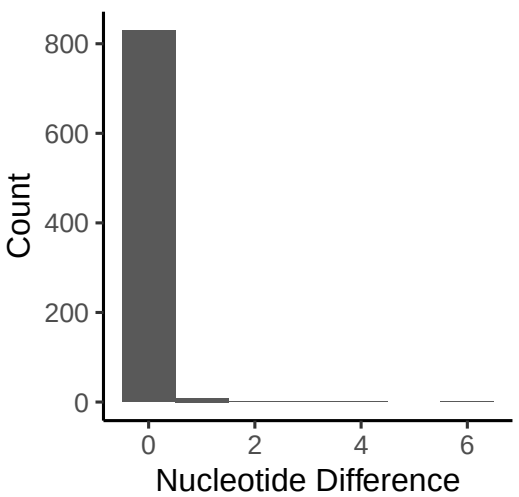
TRBV11−2*ap01

6209 sequences assigned
6166 (99.3%) exact matches, in which:
6065 unique CDR3
13 unique J



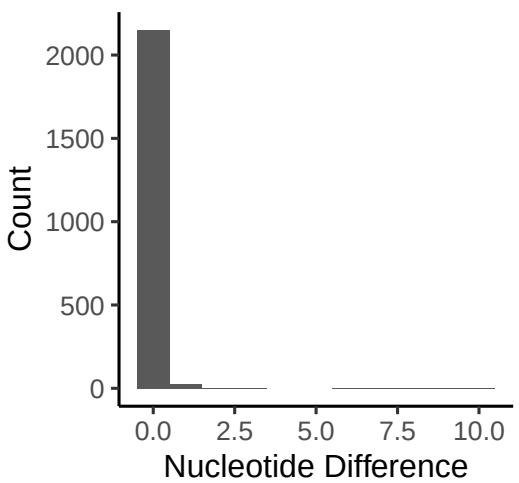
TRBV12−2*ap01

844 sequences assigned
830 (98.3%) exact matches, in which:
816 unique CDR3
13 unique J



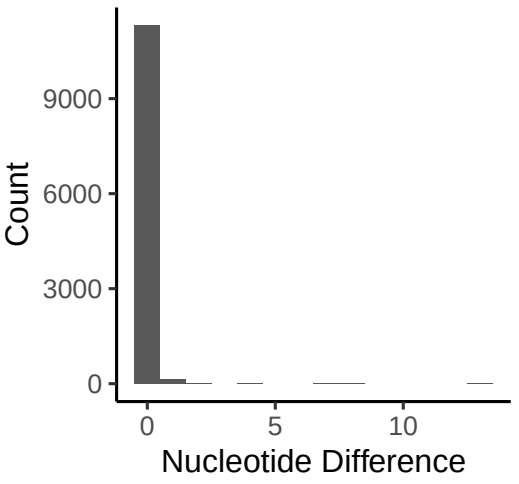
TRBV23−1*ap01

2189 sequences assigned
2150 (98.2%) exact matches, in which:
2109 unique CDR3
13 unique J



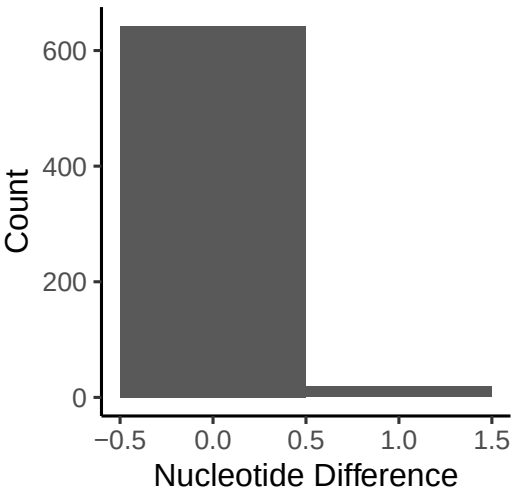
TRBV3−12*ap01

11462 sequences assigned
11312 (98.7%) exact matches, in which:
11096 unique CDR3
13 unique J



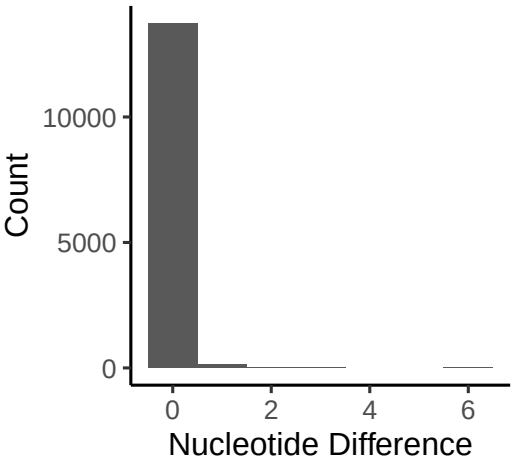
TRBV4−2*ap01

662 sequences assigned
643 (97.1%) exact matches, in which:
623 unique CDR3
13 unique J



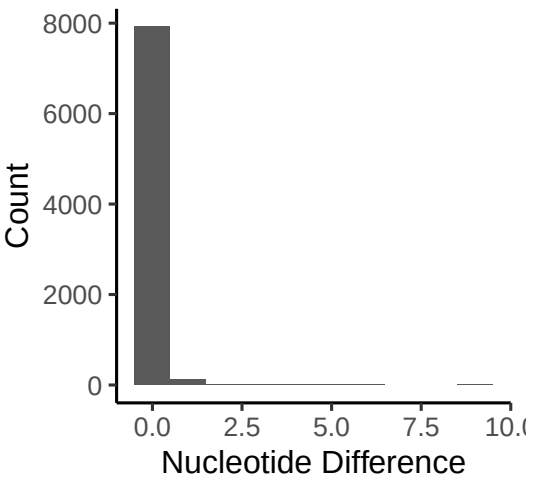
TRBV5−1*ap01

13905 sequences assigned
13739 (98.8%) exact matches, in which:
13383 unique CDR3
13 unique J



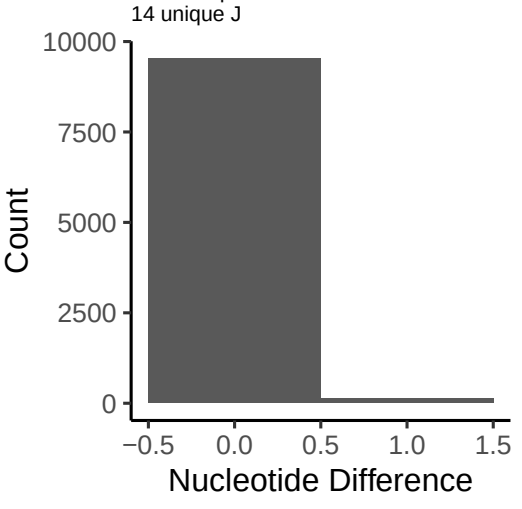
TRBV24−1*ap01

8049 sequences assigned
7921 (98.4%) exact matches, in which:
7764 unique CDR3
13 unique J



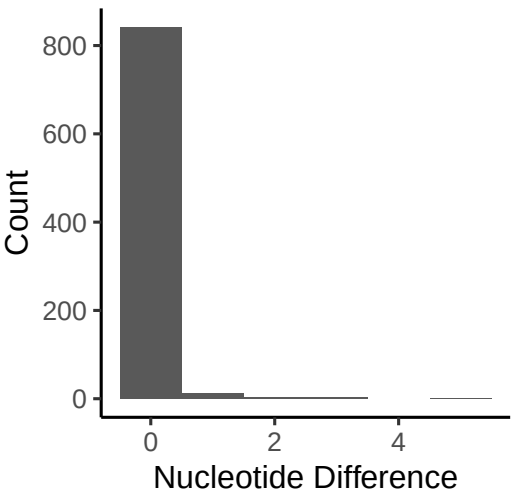
TRBV4−3*ap01

9670 sequences assigned
9532 (98.6%) exact matches, in which:
9315 unique CDR3
14 unique J



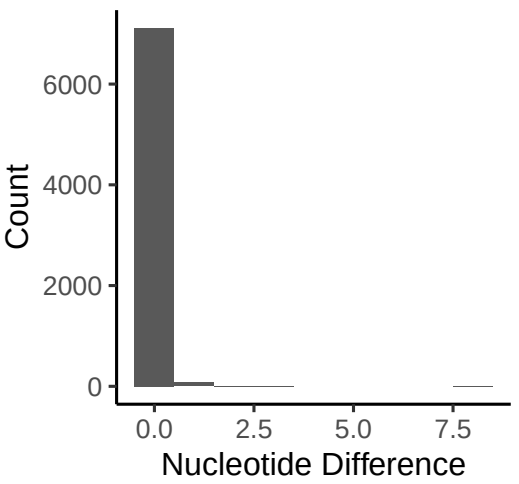
TRBV5−3*ap01

862 sequences assigned
842 (97.7%) exact matches, in which:
821 unique CDR3
13 unique J



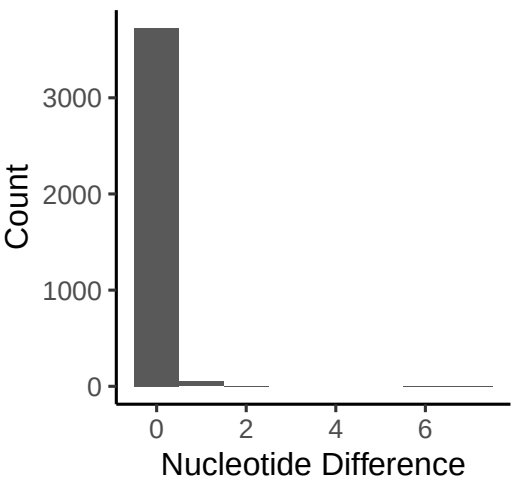
TRBV4−1*ap01

7189 sequences assigned
7112 (98.9%) exact matches, in which:
6944 unique CDR3
13 unique J



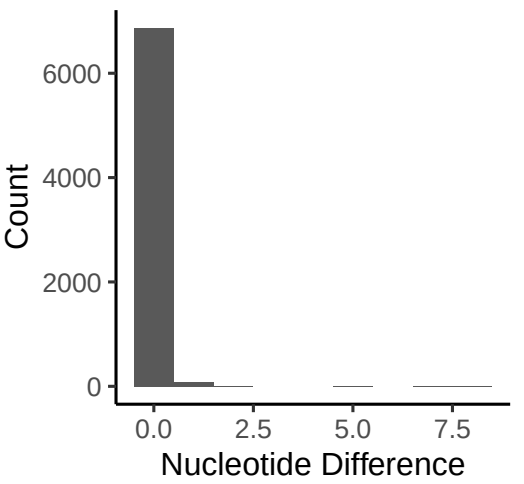
TRBV25−1*ap01

3778 sequences assigned
3725 (98.6%) exact matches, in which:
3645 unique CDR3
13 unique J



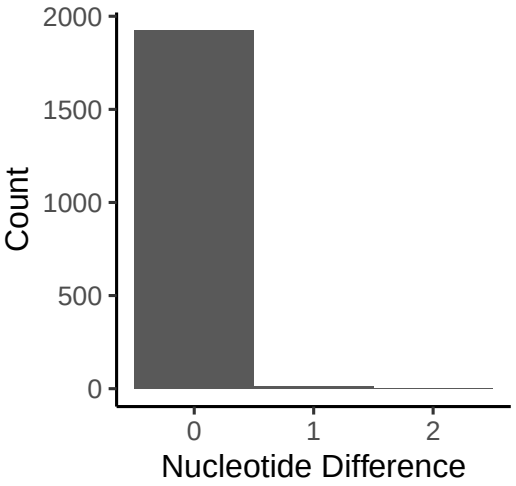
TRBV5−4*ap01

6958 sequences assigned
6866 (98.7%) exact matches, in which:
6690 unique CDR3
13 unique J



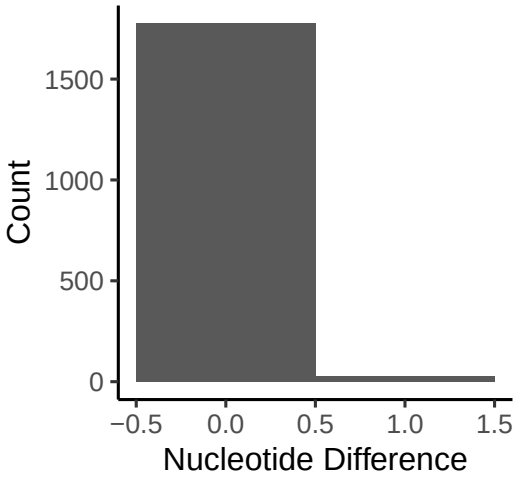
TRBV5−5*ap01

1941 sequences assigned
1924 (99.1%) exact matches, in which:
1906 unique CDR3
13 unique J



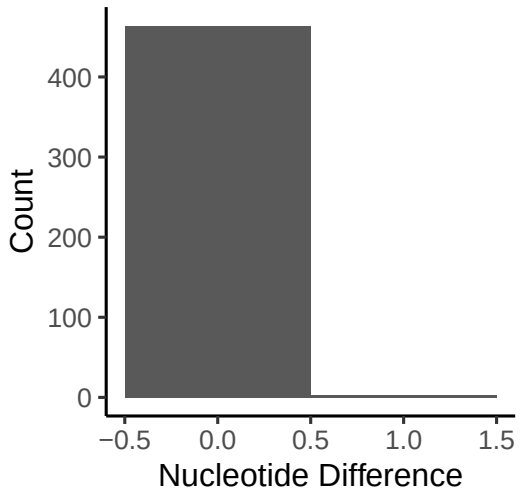
TRBV5−8*ap01

1804 sequences assigned
1776 (98.4%) exact matches, in which:
1748 unique CDR3
13 unique J



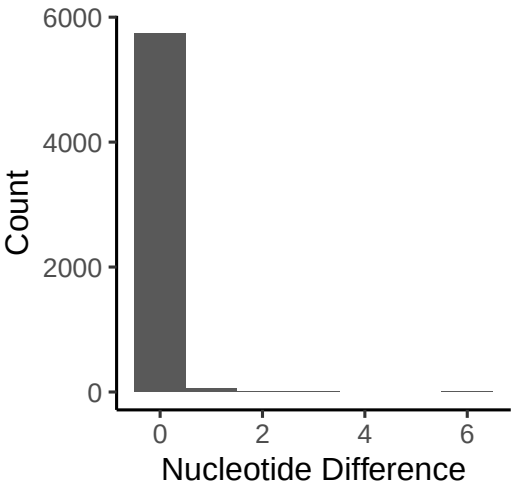
TRBV6−7*ap01

467 sequences assigned
464 (99.4%) exact matches, in which:
450 unique CDR3
13 unique J



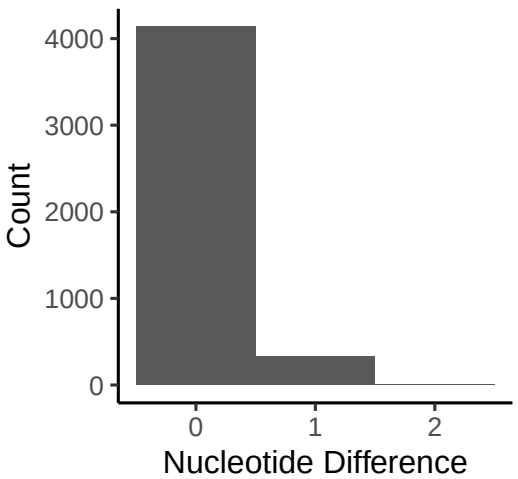
TRBV5−6*ap01

5795 sequences assigned
5735 (99%) exact matches, in which:
5567 unique CDR3
13 unique J



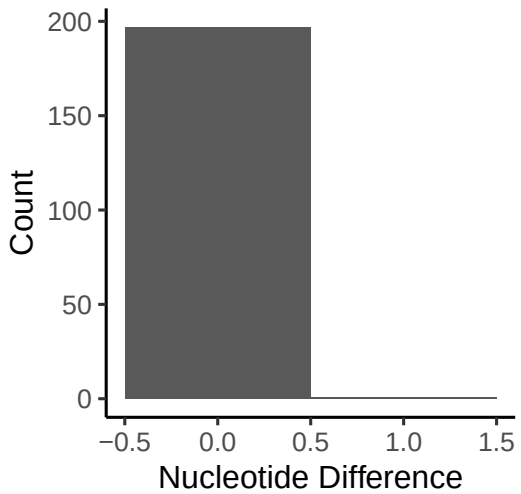
TRBV6−1*ap01

4473 sequences assigned
4137 (92.5%) exact matches, in which:
4030 unique CDR3
13 unique J



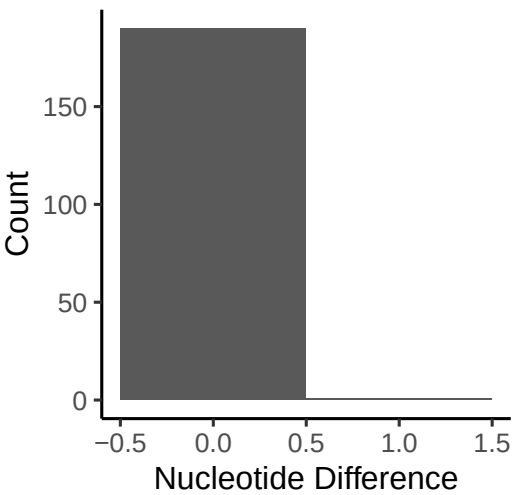
TRBV6−8*ap01

198 sequences assigned
197 (99.5%) exact matches, in which:
193 unique CDR3
13 unique J



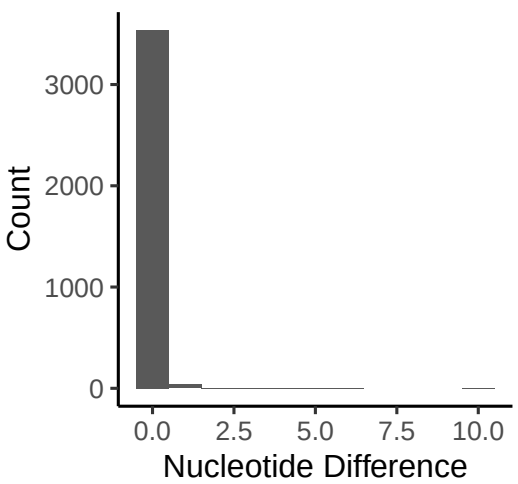
TRBV5−7*ap01

191 sequences assigned
190 (99.5%) exact matches, in which:
185 unique CDR3
13 unique J



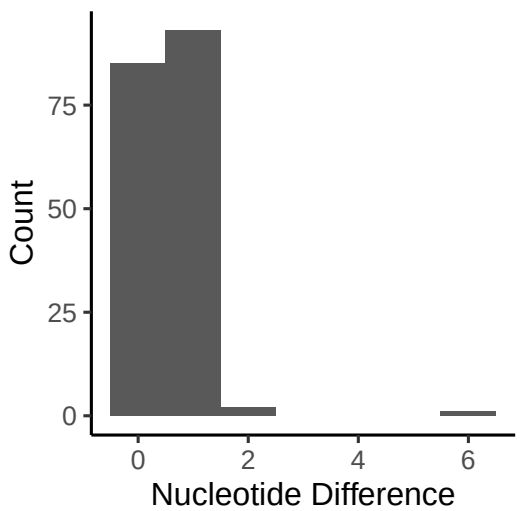
TRBV6−4*ap01

3587 sequences assigned
3538 (98.6%) exact matches, in which:
3482 unique CDR3
13 unique J



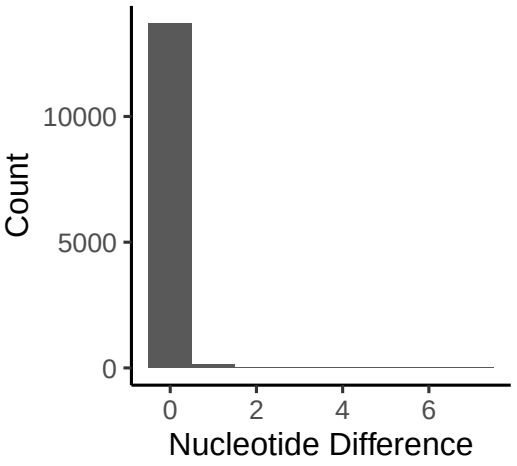
TRBV6−9*ap01

181 sequences assigned
85 (47%) exact matches, in which:
83 unique CDR3
12 unique J



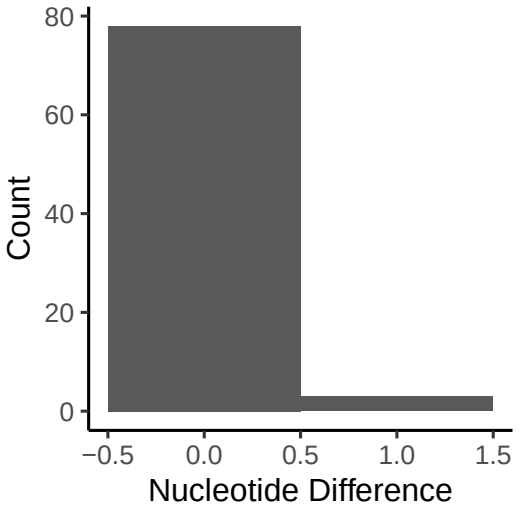
TRBV6−23*ap01

13867 sequences assigned
13711 (98.9%) exact matches, in which:
13344 unique CDR3
13 unique J



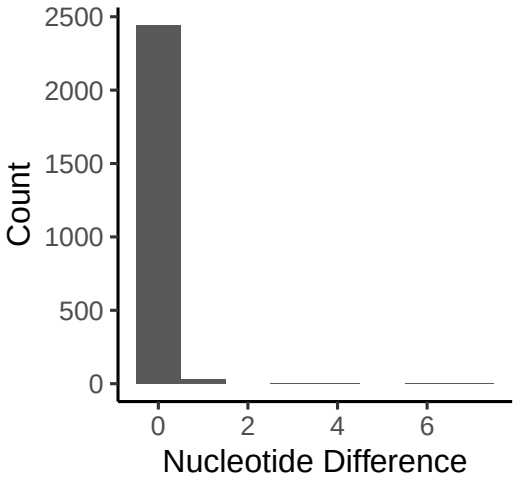
TRBV7−1*ap01_G291C_T

81 sequences assigned
78 (96.3%) exact matches, in which:
77 unique CDR3
11 unique J



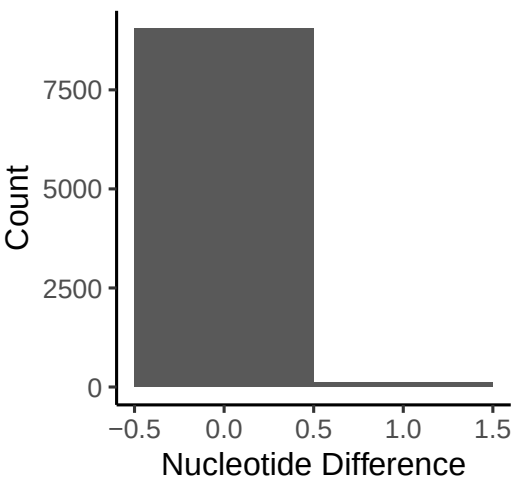
TRBV7−3*ap02

2475 sequences assigned
2441 (98.6%) exact matches, in which:
2404 unique CDR3
14 unique J



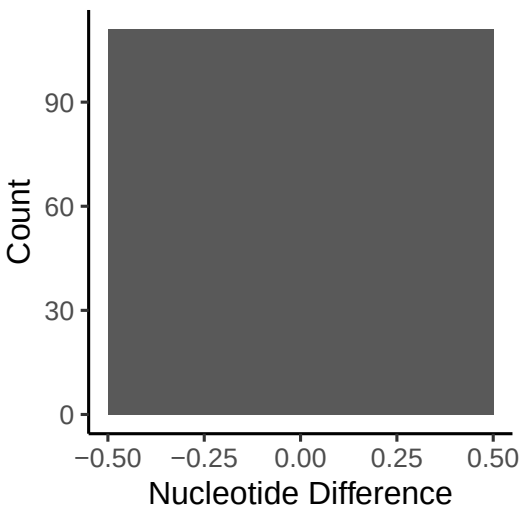
TRBV6−56*ap01

9148 sequences assigned
9043 (98.9%) exact matches, in which:
8816 unique CDR3
13 unique J



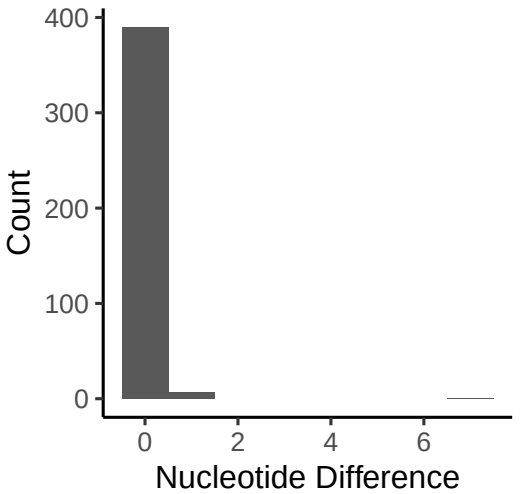
TRBV7−1*ap01_G291C_T

111 sequences assigned
111 (100%) exact matches, in which:
111 unique CDR3
12 unique J



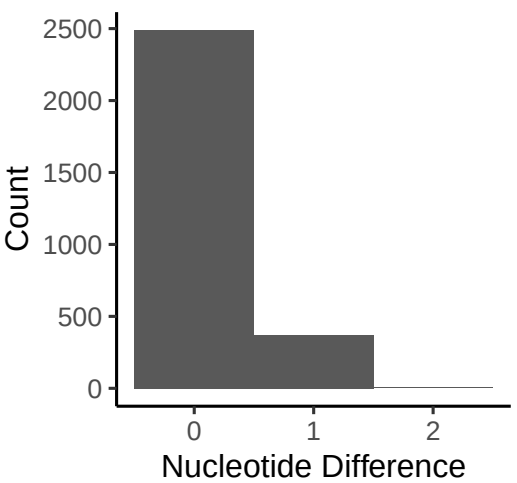
TRBV7−4*ap01

398 sequences assigned
390 (98%) exact matches, in which:
380 unique CDR3
13 unique J



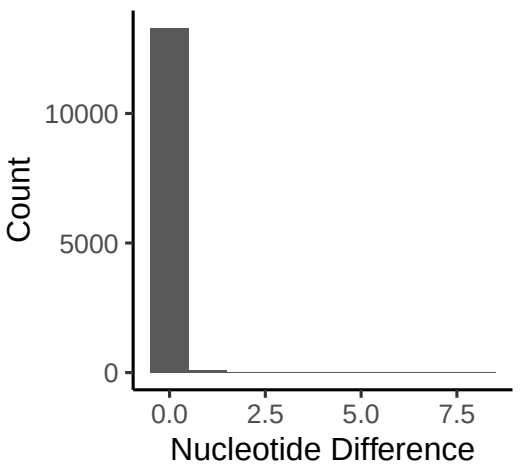
TRBV6−56*ap02

2866 sequences assigned
2490 (86.9%) exact matches, in which:
2437 unique CDR3
13 unique J



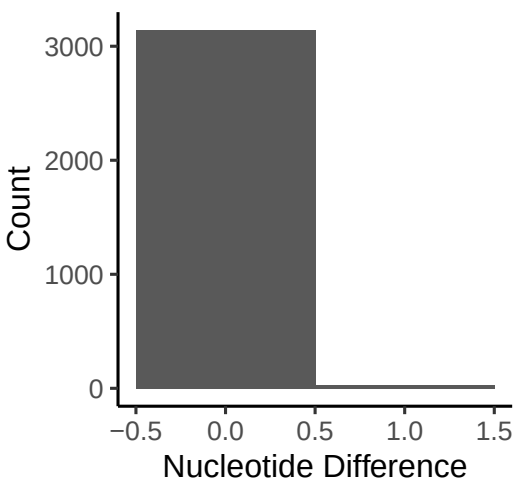
TRBV7−2*ap01

13401 sequences assigned
13305 (99.3%) exact matches, in which:
13058 unique CDR3
13 unique J



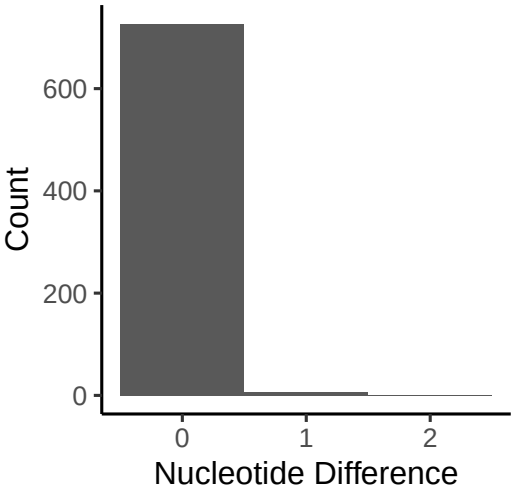
TRBV7−6*ap01

3170 sequences assigned
3142 (99.1%) exact matches, in which:
3075 unique CDR3
13 unique J



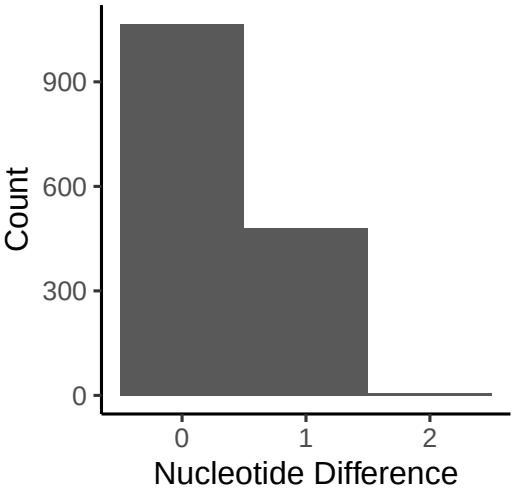
TRBV7−7*ap01

734 sequences assigned
727 (99%) exact matches, in which:
714 unique CDR3
13 unique J



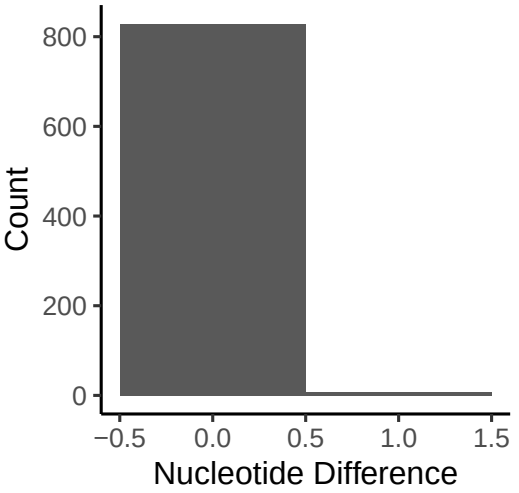
TRBV7−8*ap03

1555 sequences assigned
1067 (68.6%) exact matches, in which:
1041 unique CDR3
13 unique J



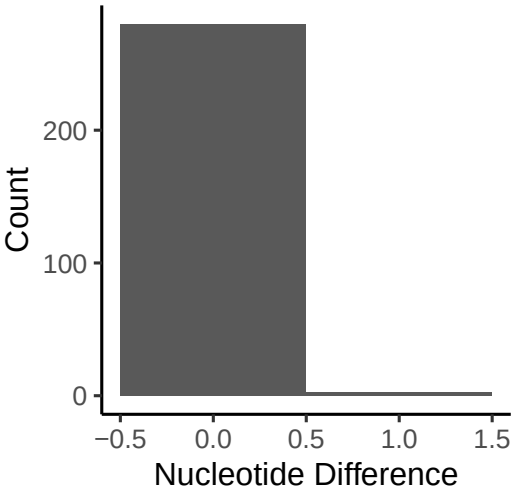
TRBV29−1*ap02

836 sequences assigned
829 (99.2%) exact matches, in which:
814 unique CDR3
13 unique J



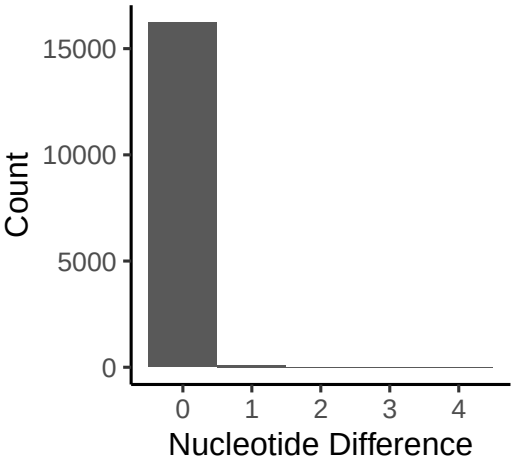
TRBV7−7*ap01_C315T

283 sequences assigned
280 (98.9%) exact matches, in which:
270 unique CDR3
12 unique J



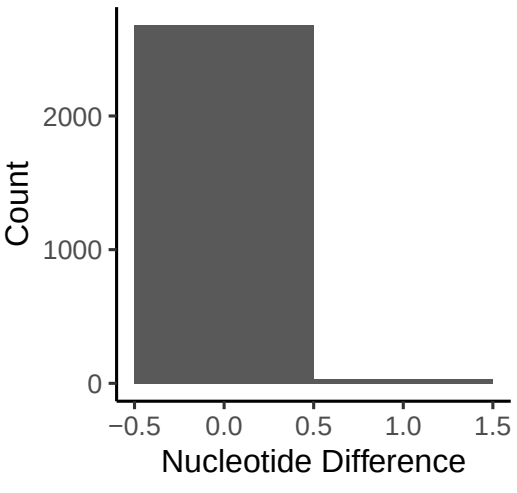
TRBV7−9*ap01

16353 sequences assigned
16232 (99.3%) exact matches, in which:
16022 unique CDR3
13 unique J



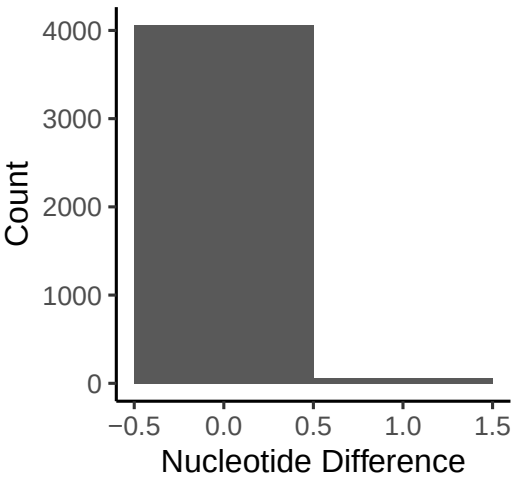
TRBV7−8*ap01

2712 sequences assigned
2680 (98.8%) exact matches, in which:
2613 unique CDR3
13 unique J

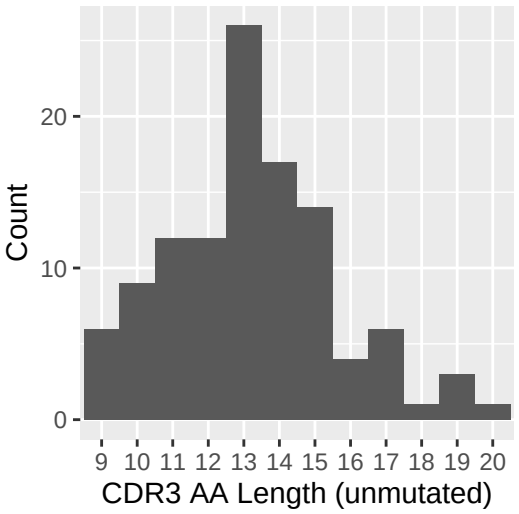


TRBV29−1*ap01

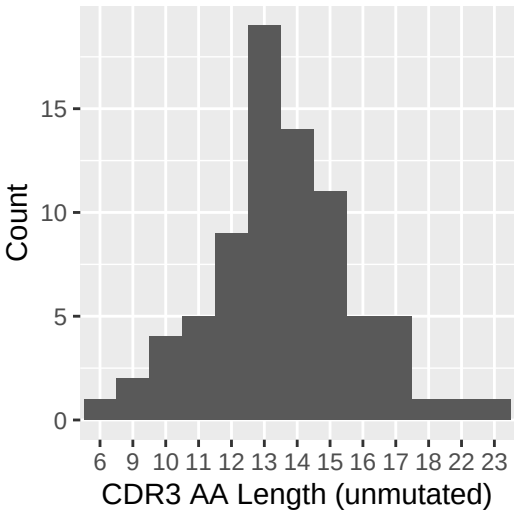
4120 sequences assigned
4061 (98.6%) exact matches, in which:
3970 unique CDR3
13 unique J



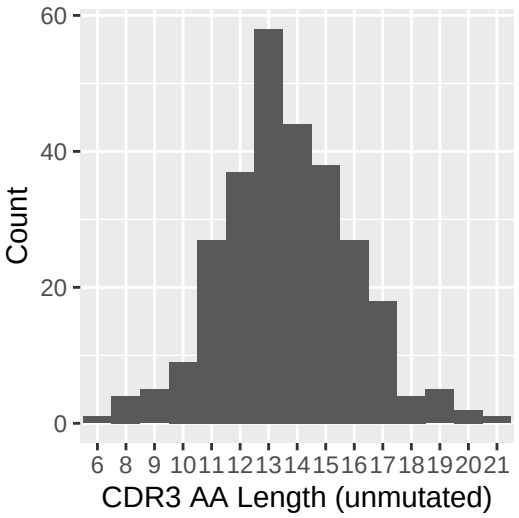
TRBV7−1*ap01_G291C_T296C_C314T



TRBV7−1*ap01_G291C_T296C



TRBV7−7*ap01_C315T



Allele Usage
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100
75
50
25
0
TRBJ1−1
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TRBJ2−7
TRBJ2−2P
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02

Warning − no inferred sequences found.

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