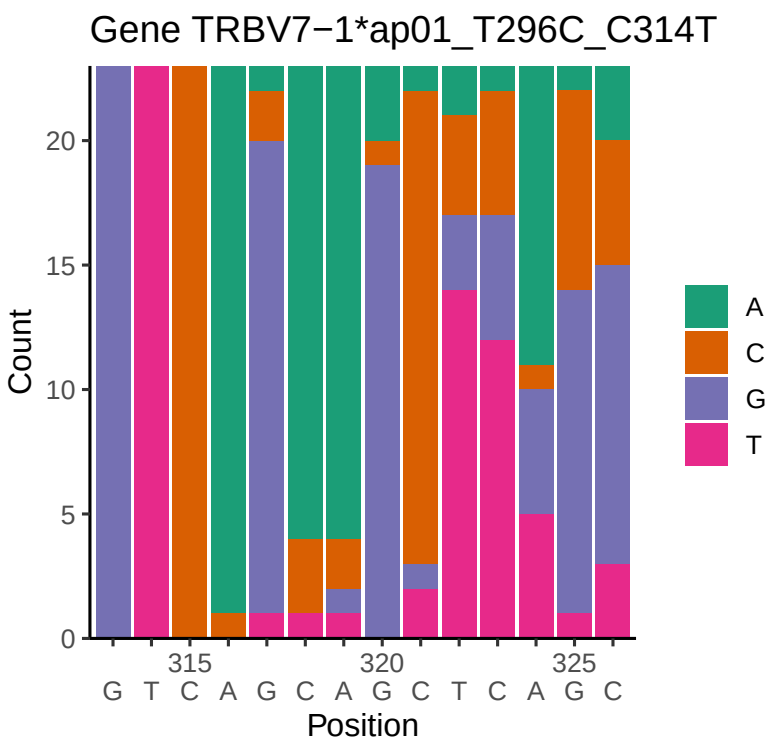
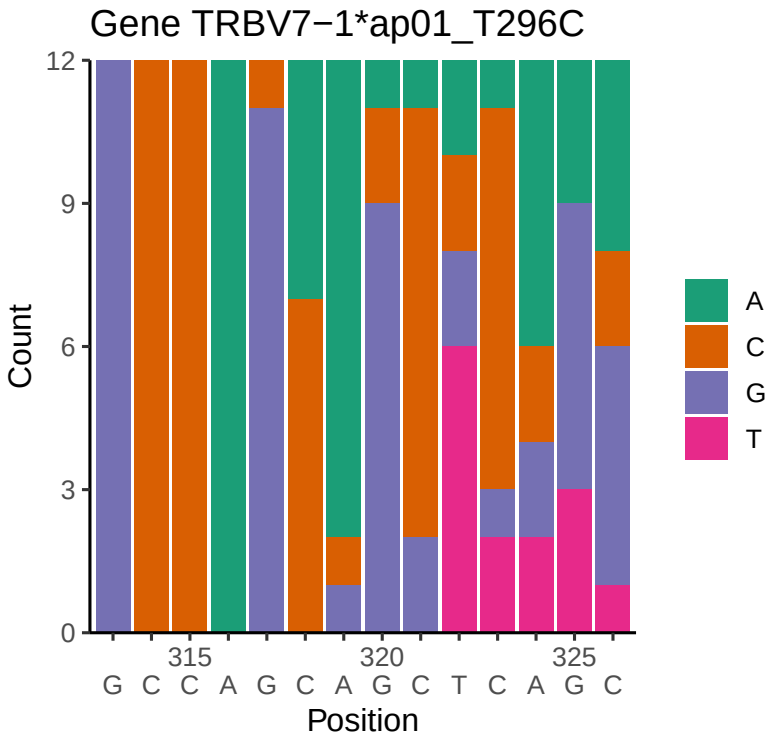
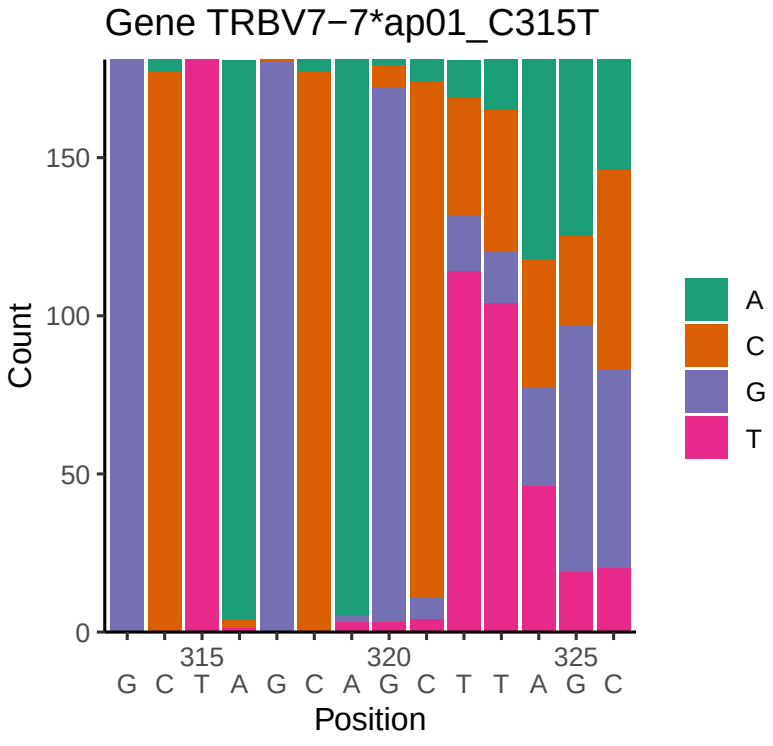
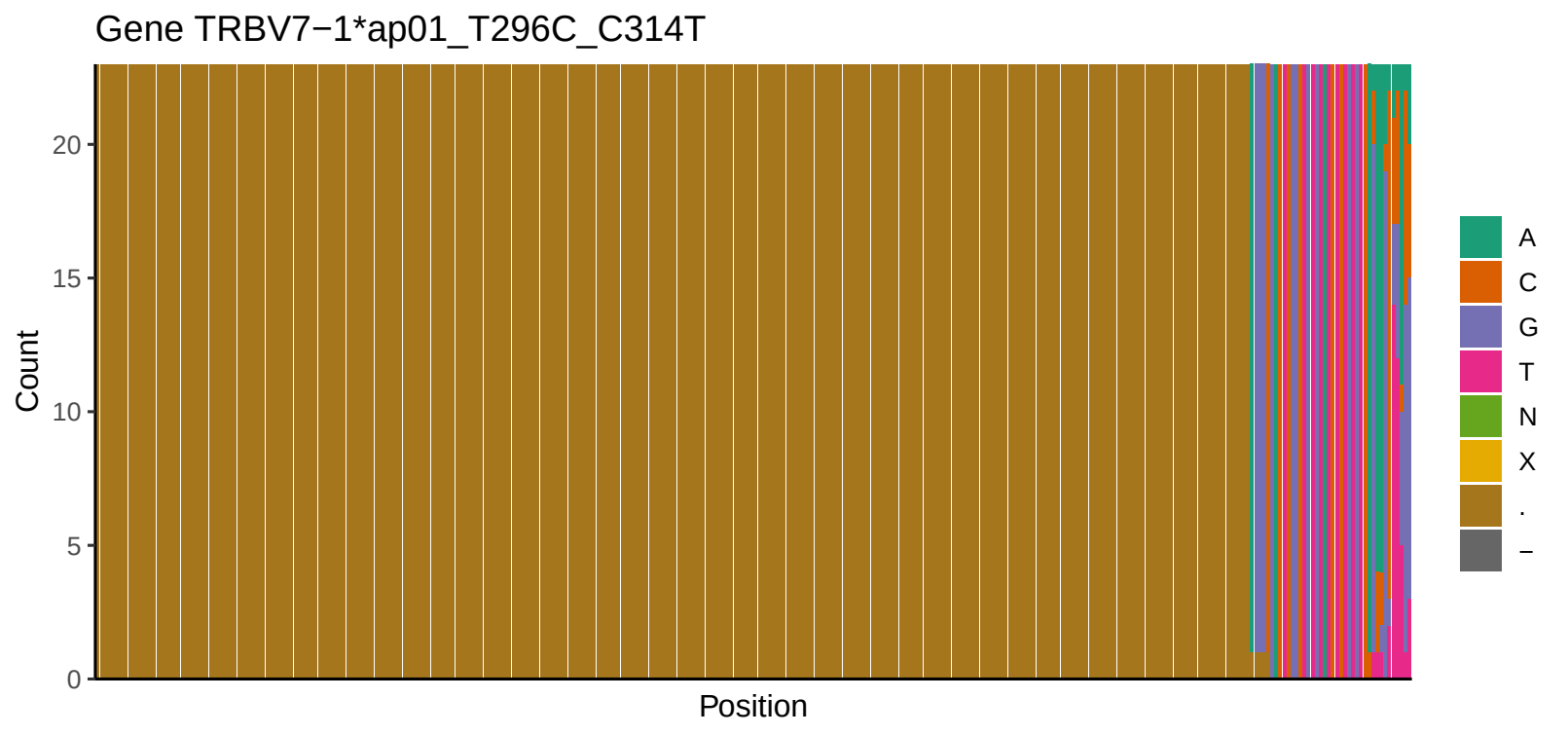
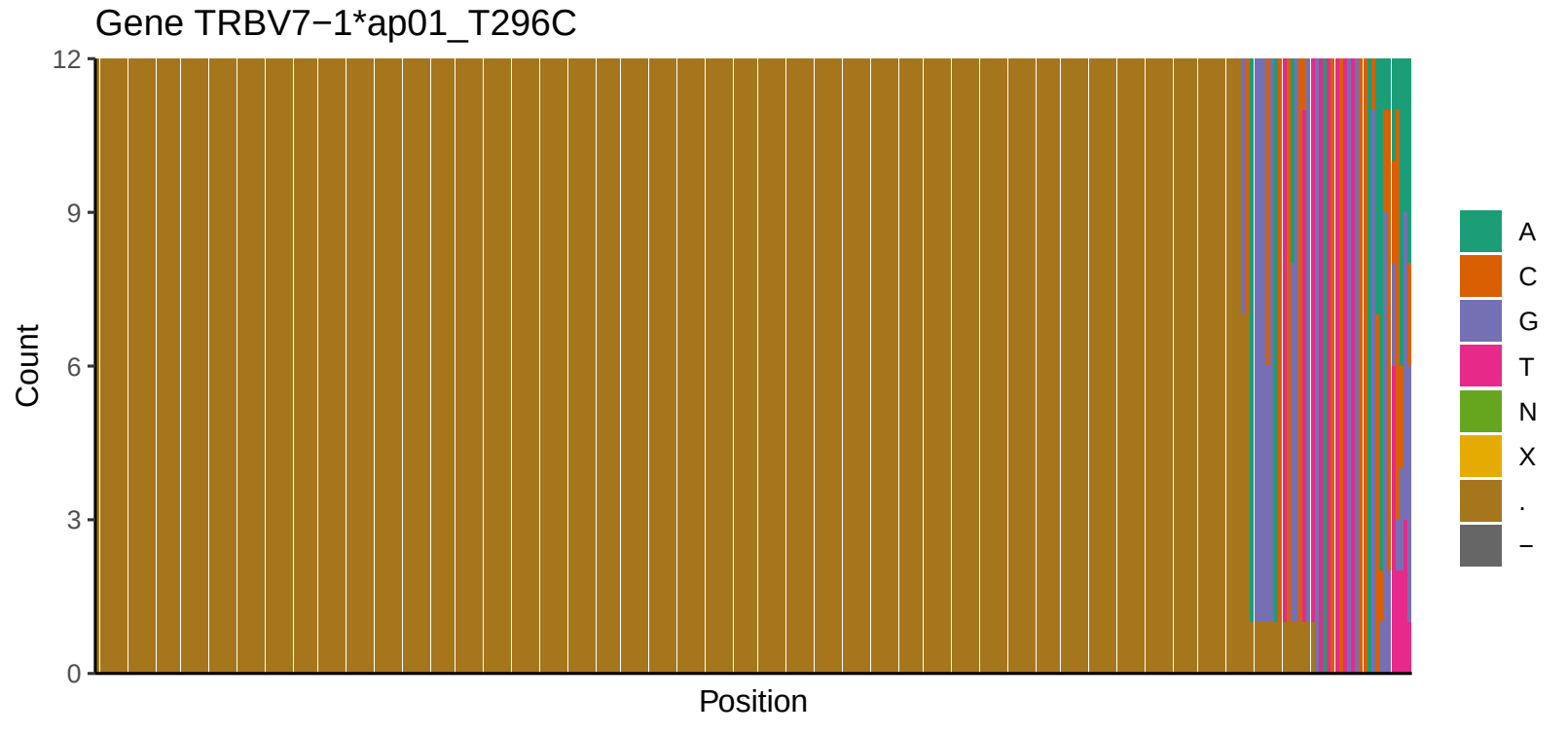
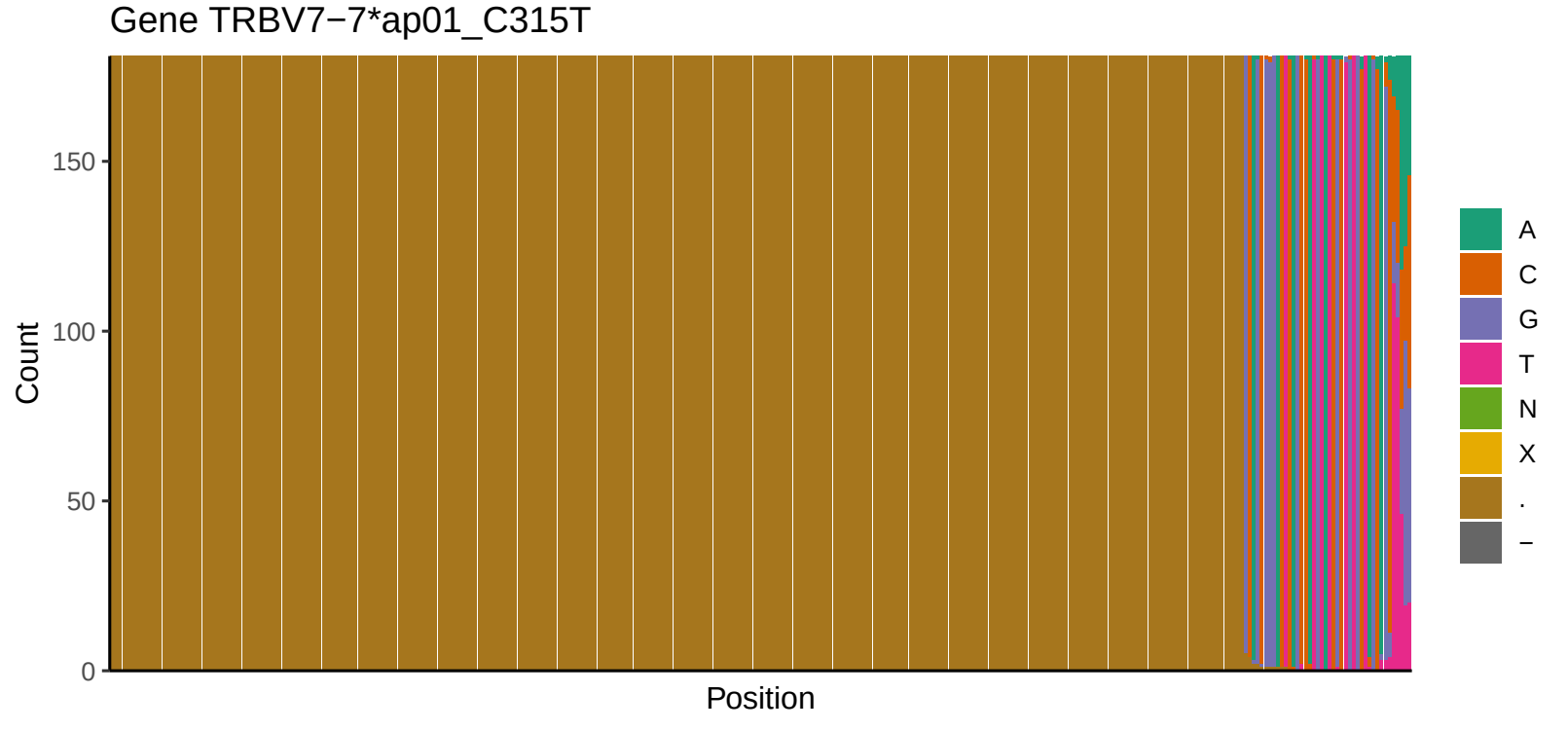

Gene TRBV7−1*ap01_T296C_C314T
Count
0
5
10
15
20
315
320
325
G T C A G C A G C T C A G C
Position
A
C
G
T

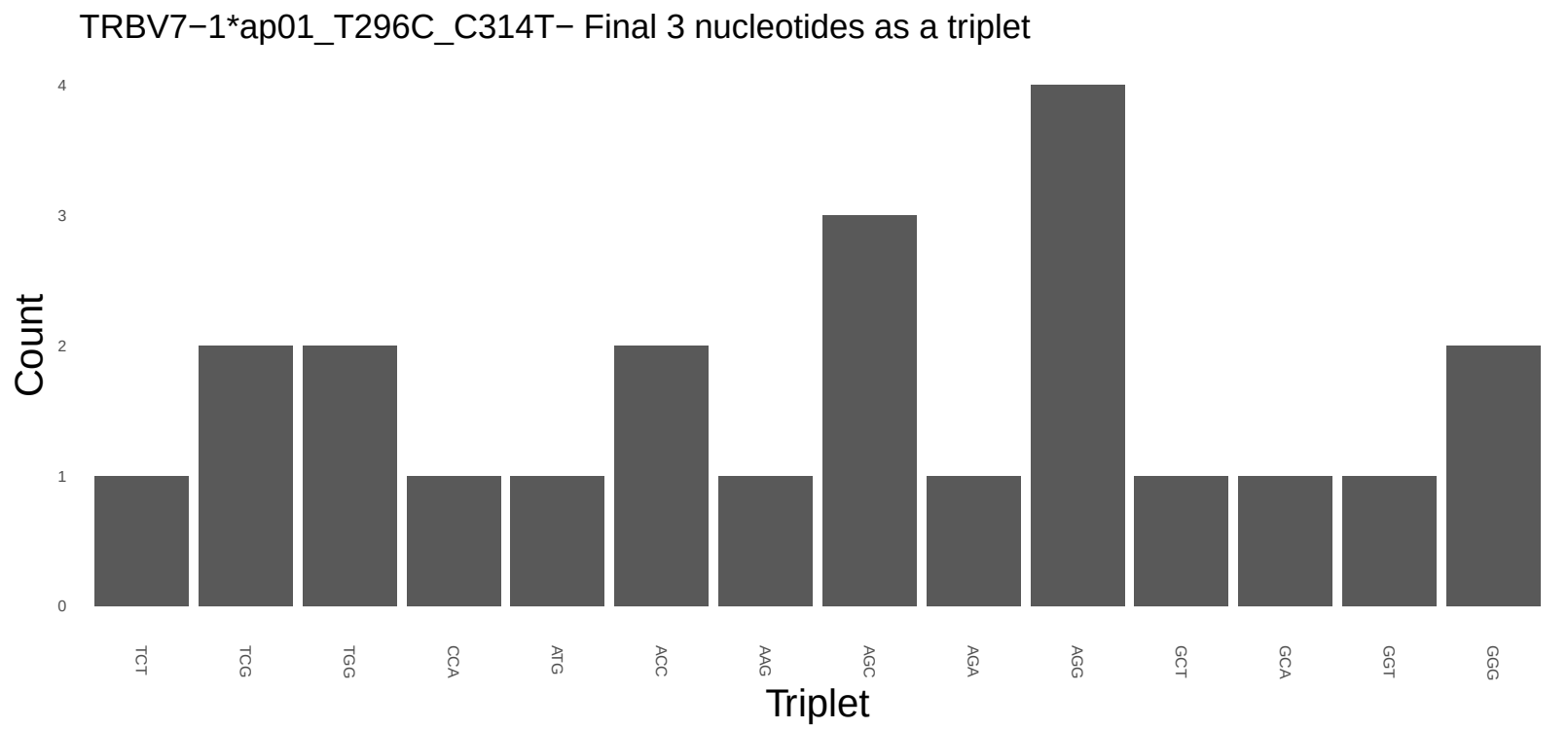

Gene TRBV7−1*ap01_T296C
Count
0
3
6
9
12
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T

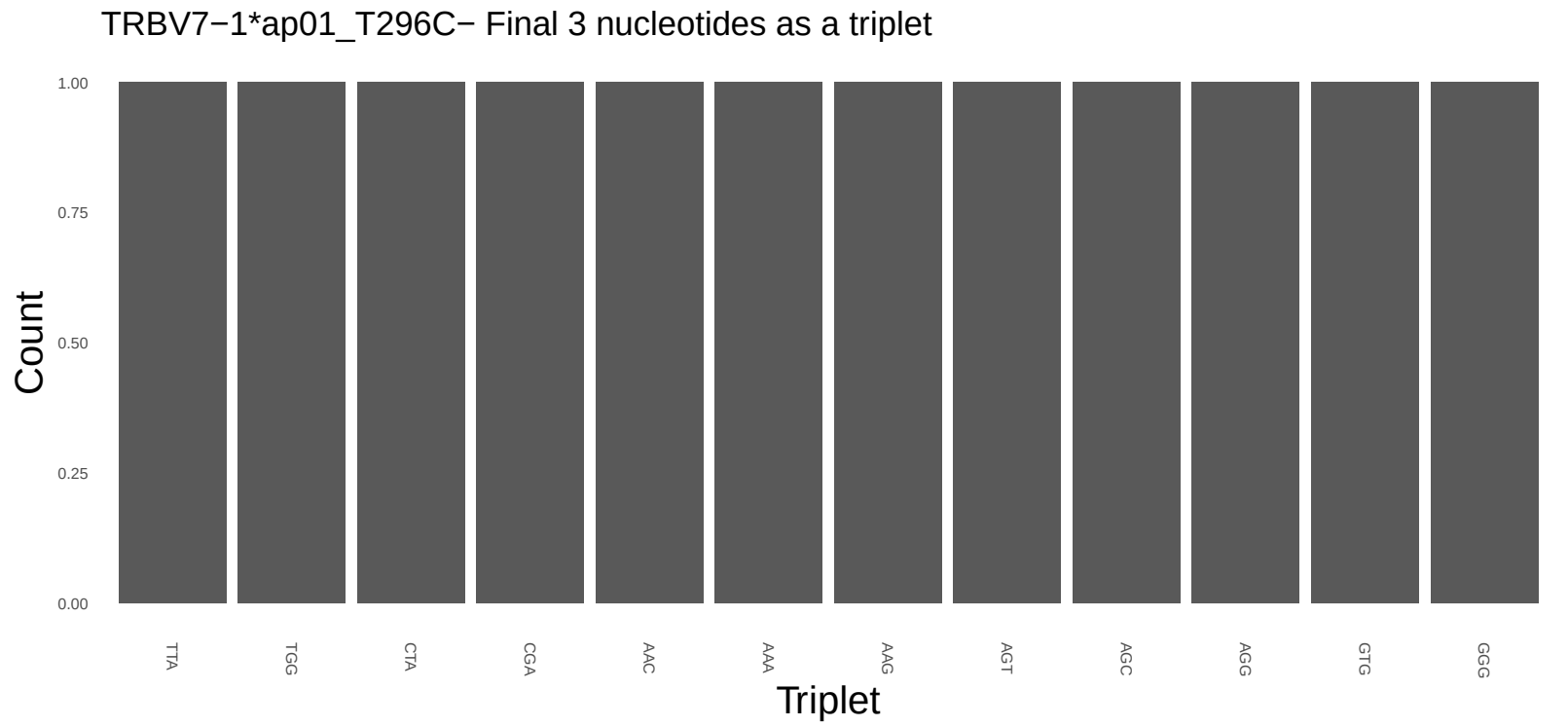

Gene TRBV7−7*ap01_C315T
Count
0
50
100
150
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

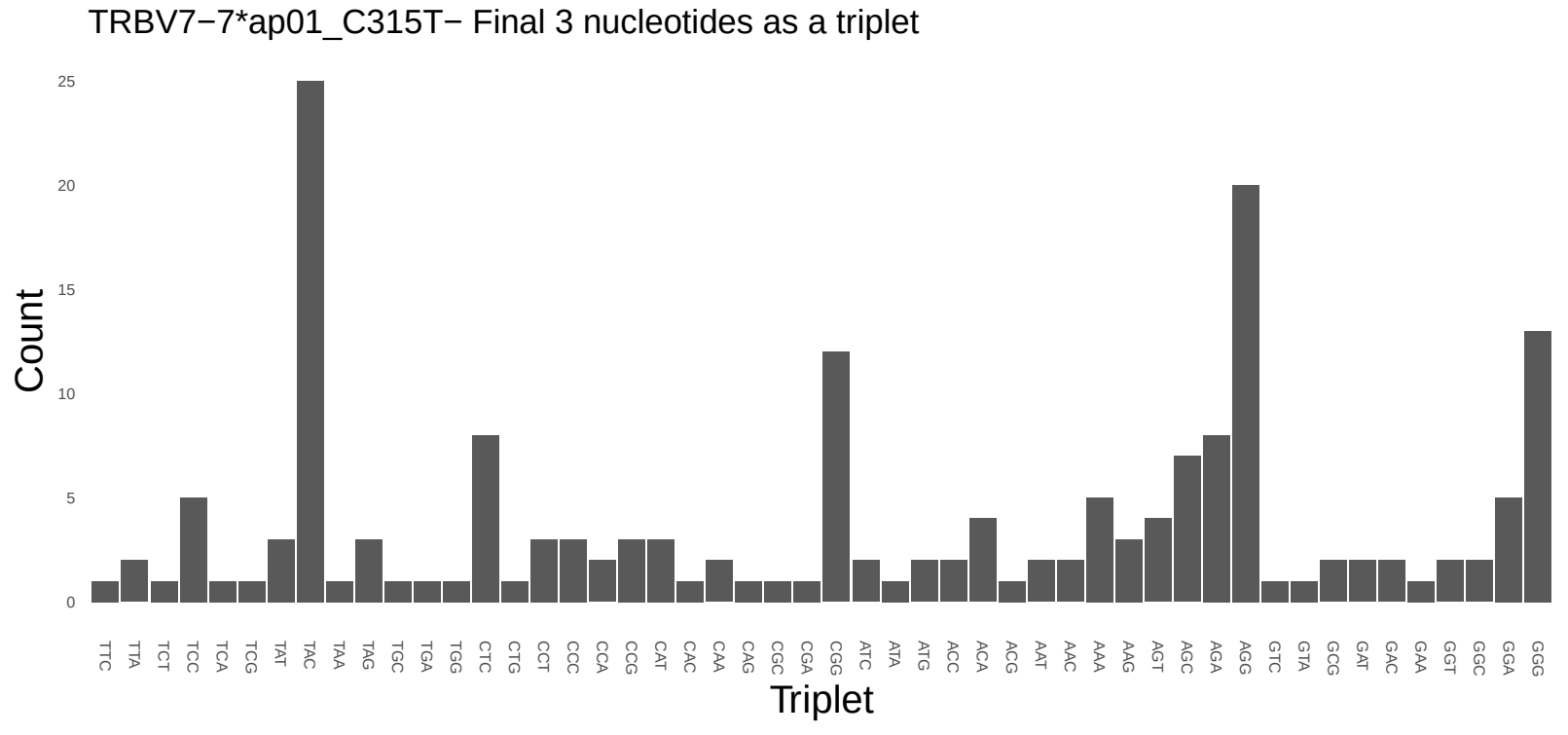

Gene TRBV7−1*ap01_T296C_C314T
Count
Position
0
5
10
15
20
A
C
G
T
N
X
.
–


Gene TRBV7−1*ap01_T296C
Count
Position
0
3
6
9
12
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
Count
Position
0
50
100
150
A
C
G
T
N
X
.
–

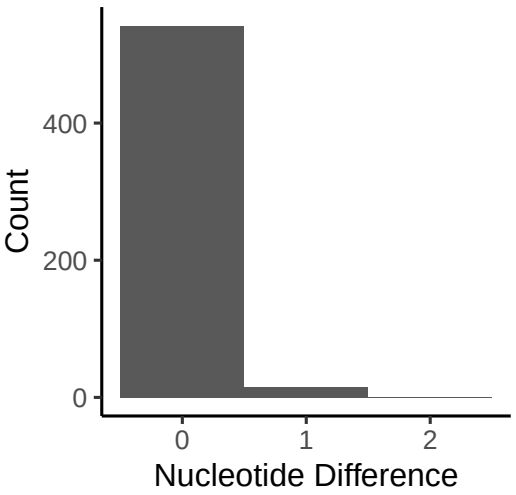

TRBV7−1*ap01_T296C_C314T− Final 3 nucleotides as a triplet
Count
0
1
2
3
4
TCT
TCG
TGG
CCA
ATG
ACC
AAG
AGC
AGA
AGG
GCT
GCA
GGT
GGG
Triplet


TRBV7−1*ap01_T296C− Final 3 nucleotides as a triplet
Count
0.00
0.25
0.50
0.75
1.00
TTA
TGG
CTA
CGA
AAC
AAA
AAG
AGT
AGC
AGG
GTG
GGG
Triplet


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

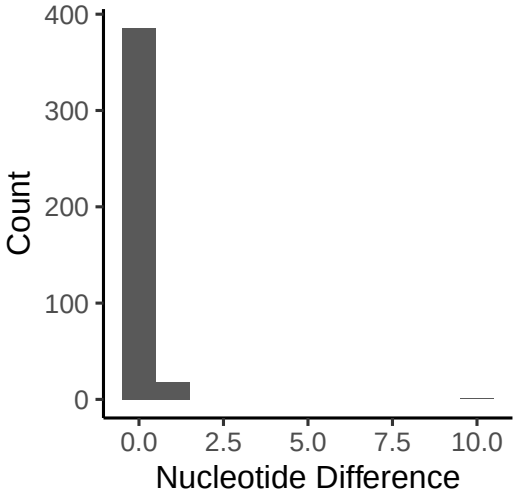
## TRBV10−1*ap01

558 sequences assigned
542 (97.1%) exact matches, in which:
535 unique CDR3
13 unique J



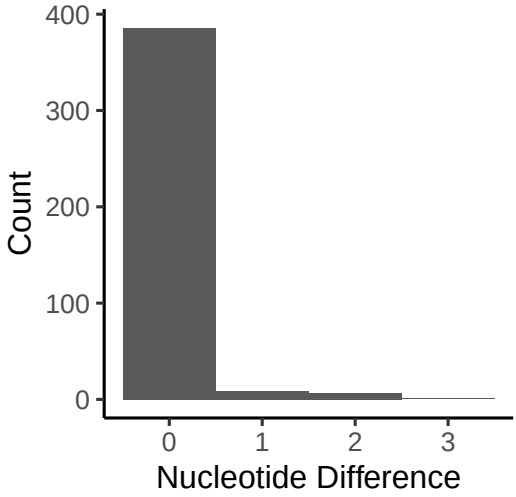

## TRBV10−2*ap01

405 sequences assigned
386 (95.3%) exact matches, in which:
379 unique CDR3
13 unique J



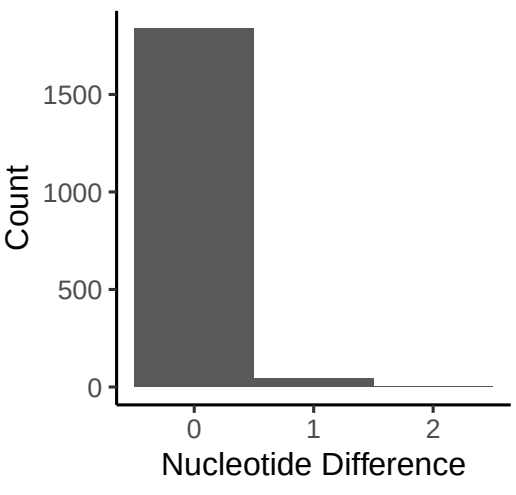

## TRBV13*ap01

403 sequences assigned
386 (95.8%) exact matches, in which:
384 unique CDR3
13 unique J



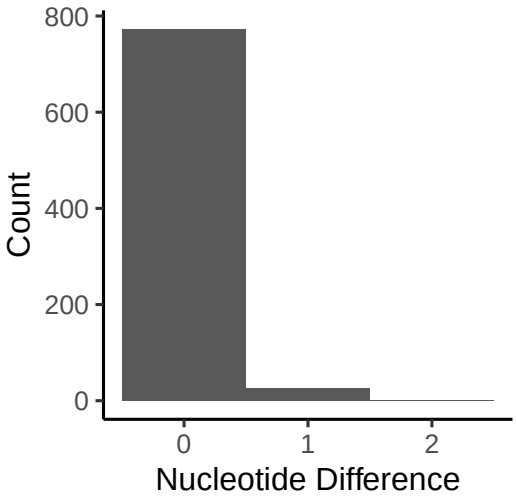

## TRBV20−1*ap01

1885 sequences assigned
1837 (97.5%) exact matches, in which:
1829 unique CDR3
13 unique J



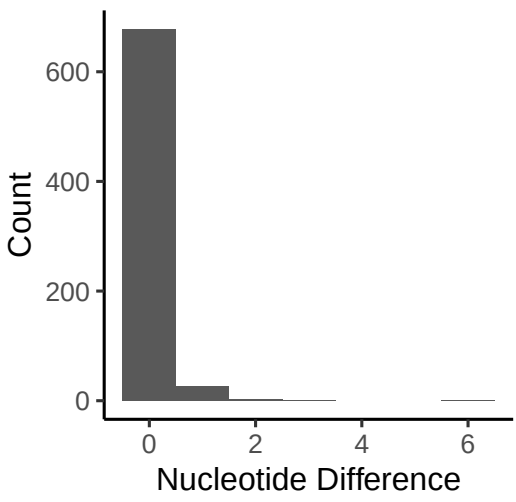

## TRBV10−3*ap01

801 sequences assigned
773 (96.5%) exact matches, in which:
767 unique CDR3
13 unique J



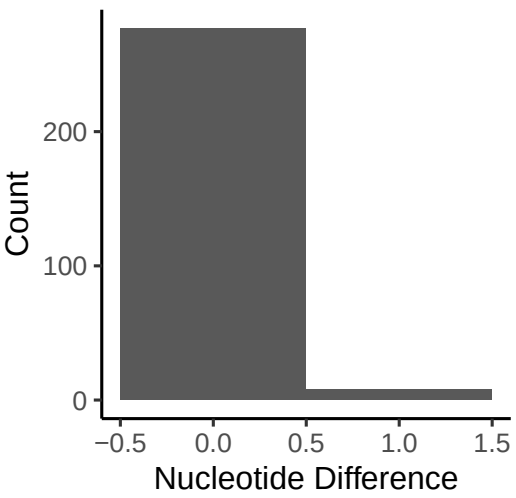

## TRBV14*ap01

709 sequences assigned
678 (95.6%) exact matches, in which:
671 unique CDR3
13 unique J



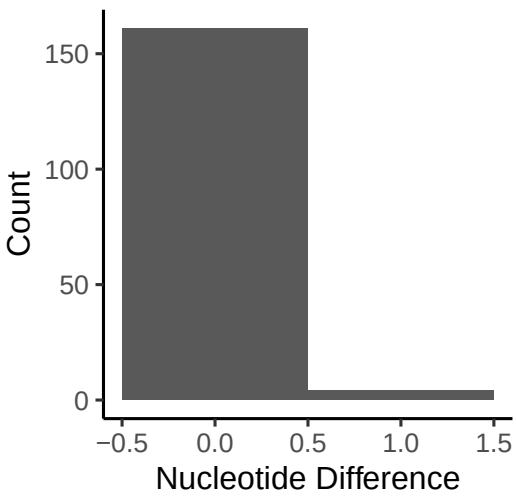

## TRBV20−1*ap02

285 sequences assigned
277 (97.2%) exact matches, in which:
277 unique CDR3
13 unique J



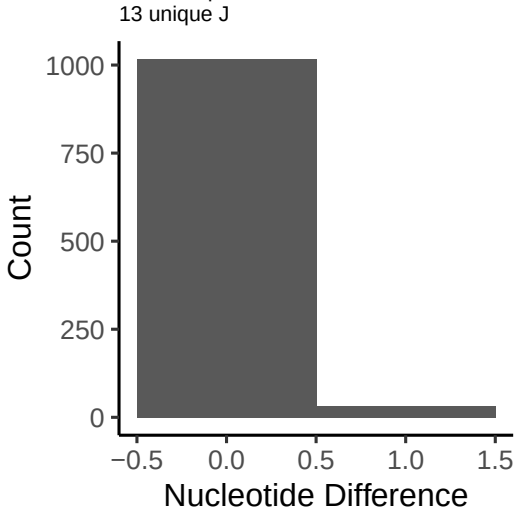

## TRBV1*ap01

165 sequences assigned
161 (97.6%) exact matches, in which:
159 unique CDR3
13 unique J



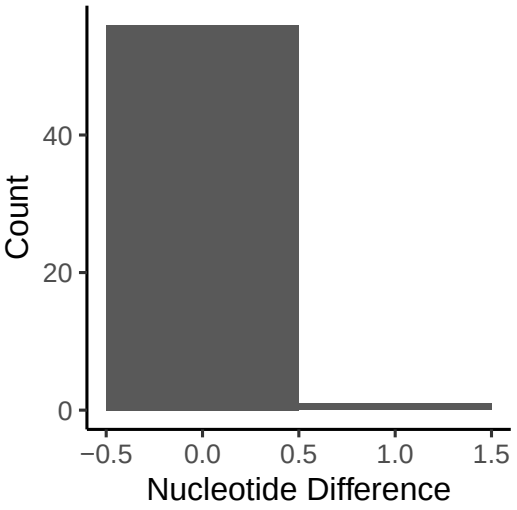

## TRBV15*ap02

1050 sequences assigned
1017 (96.9%) exact matches, in which:
1004 unique CDR3
13 unique J



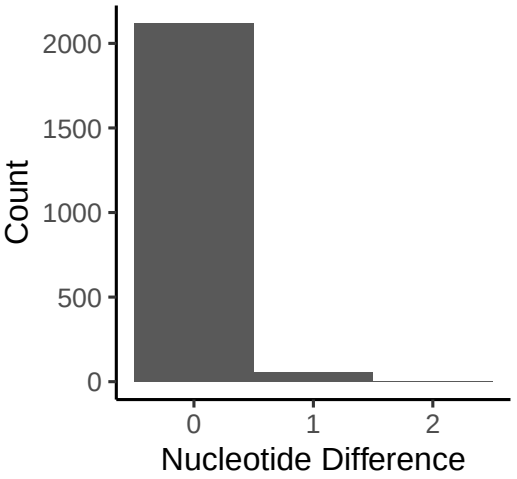
## TRBV16*ap01

57 sequences assigned
56 (98.2%) exact matches, in which:
55 unique CDR3
12 unique J



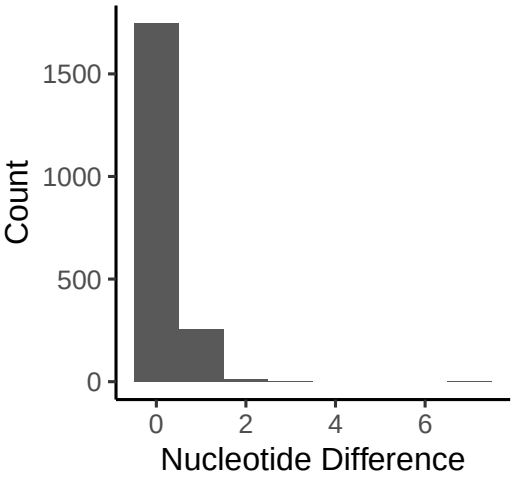

## TRBV2*ap01

2178 sequences assigned
2118 (97.2%) exact matches, in which:
2106 unique CDR3
13 unique J



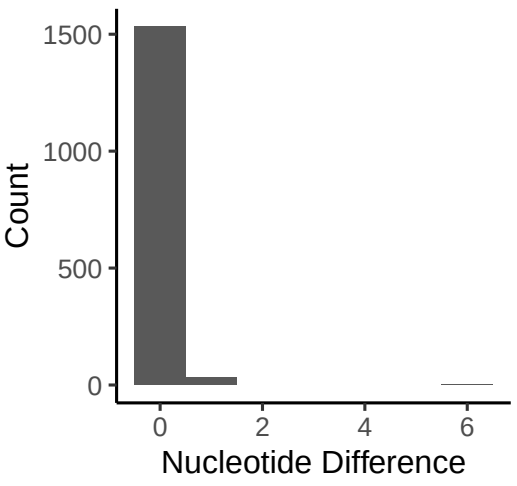

## TRBV30*ap01

2017 sequences assigned
1746 (86.6%) exact matches, in which:
1703 unique CDR3
13 unique J



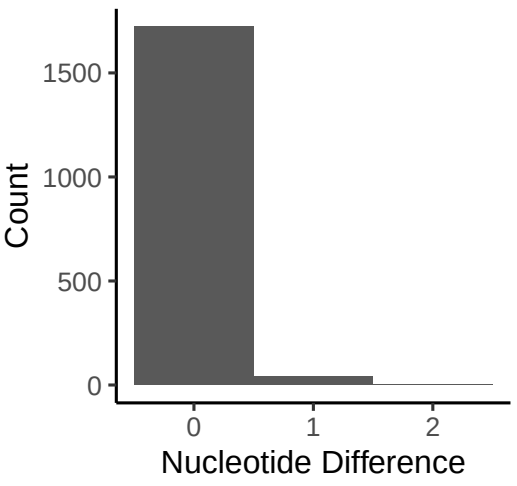

## TRBV18*ap01

1563 sequences assigned
1532 (98%) exact matches, in which:
1529 unique CDR3
13 unique J



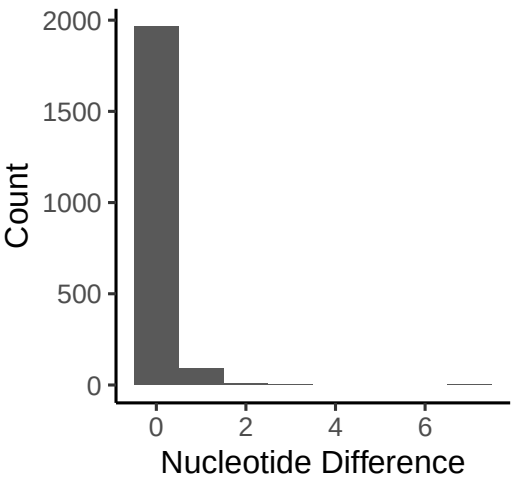

## TRBV27*ap01

1764 sequences assigned
1722 (97.6%) exact matches, in which:
1703 unique CDR3
13 unique J



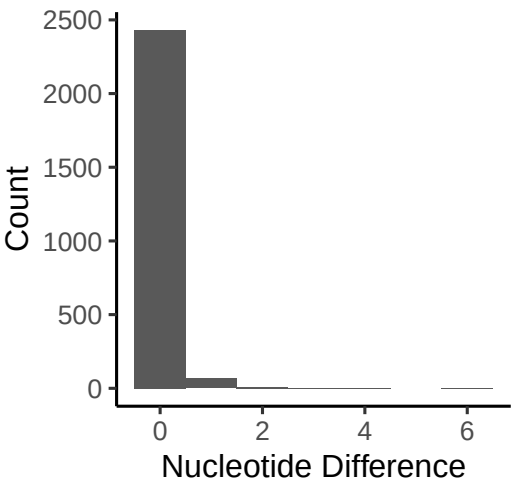

## TRBV9*ap01

2065 sequences assigned
1964 (95.1%) exact matches, in which:
1947 unique CDR3
13 unique J



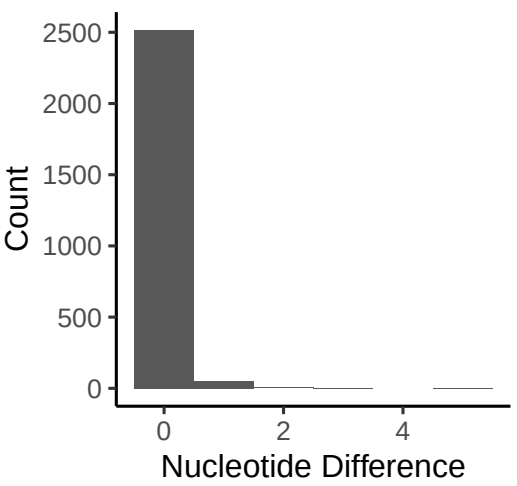

## TRBV19*ap01

2508 sequences assigned
2431 (96.9%) exact matches, in which:
2414 unique CDR3
13 unique J



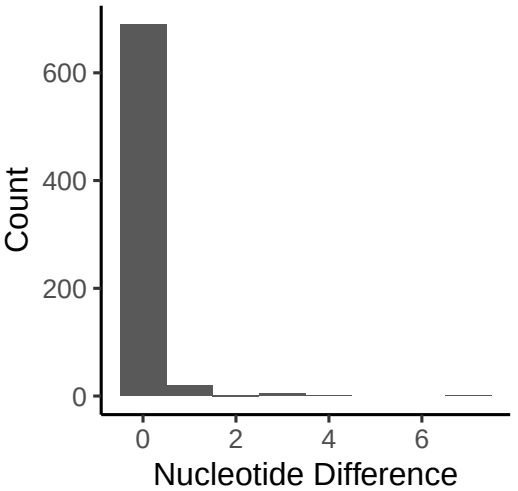

## TRBV28*ap01

2578 sequences assigned
2516 (97.6%) exact matches, in which:
2497 unique CDR3
13 unique J



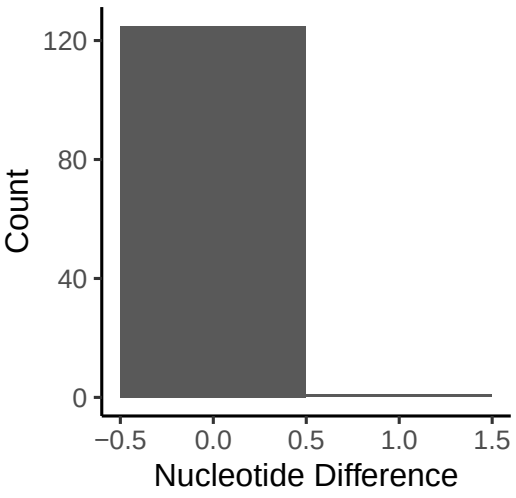

## TRBV21−1*ap01

718 sequences assigned
690 (96.1%) exact matches, in which:
683 unique CDR3
13 unique J



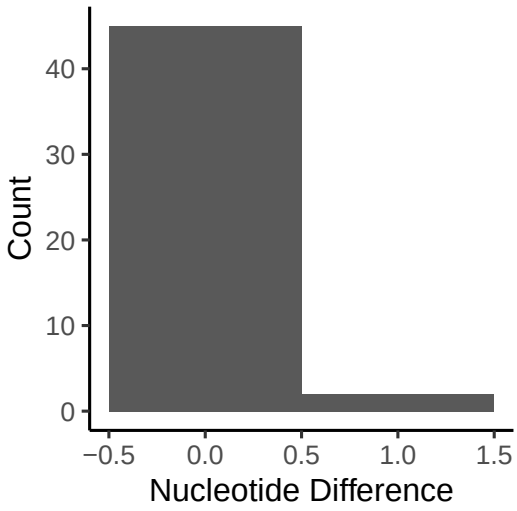
## TRBV11−1*ap01

126 sequences assigned
125 (99.2%) exact matches, in which:
123 unique CDR3
13 unique J



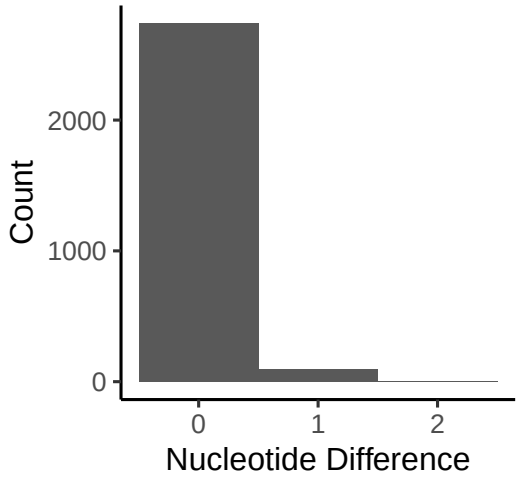

## TRBV12−1*ap01

47 sequences assigned
45 (95.7%) exact matches, in which:
44 unique CDR3
11 unique J



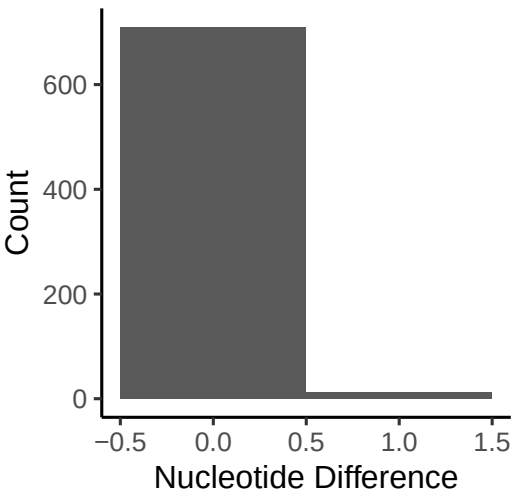

## TRBV12−34*ap01

2836 sequences assigned
2739 (96.6%) exact matches, in which:
2709 unique CDR3
13 unique J



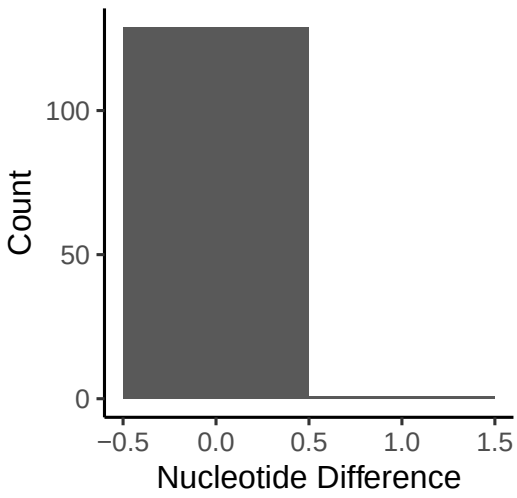

## TRBV11−2*ap01

723 sequences assigned
710 (98.2%) exact matches, in which:
702 unique CDR3
13 unique J



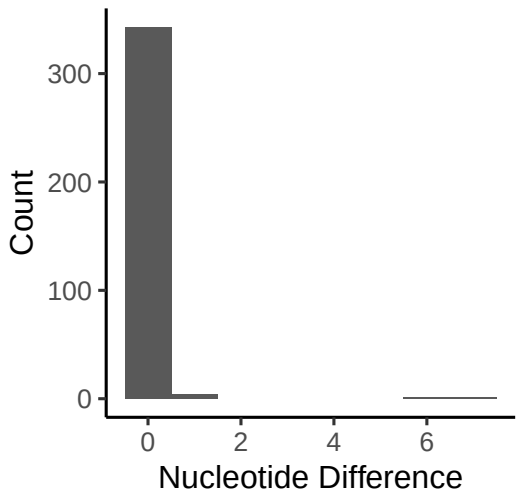

## TRBV12−2*ap01

130 sequences assigned
129 (99.2%) exact matches, in which:
129 unique CDR3
12 unique J



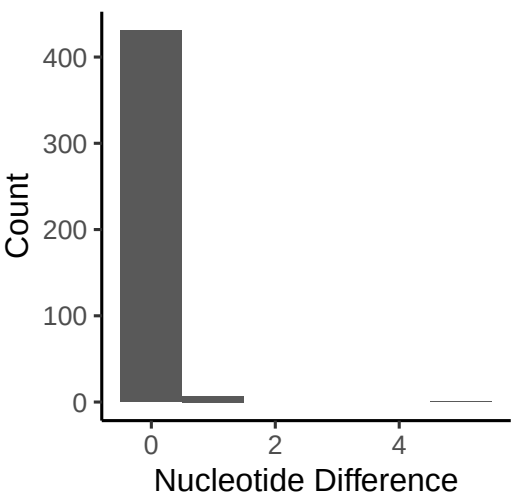

## TRBV23−1*ap01

349 sequences assigned
343 (98.3%) exact matches, in which:
339 unique CDR3
13 unique J



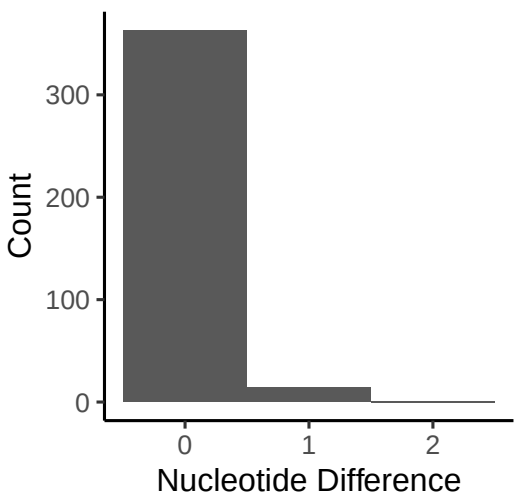

## TRBV11−3*ap01

439 sequences assigned
431 (98.2%) exact matches, in which:
428 unique CDR3
13 unique J



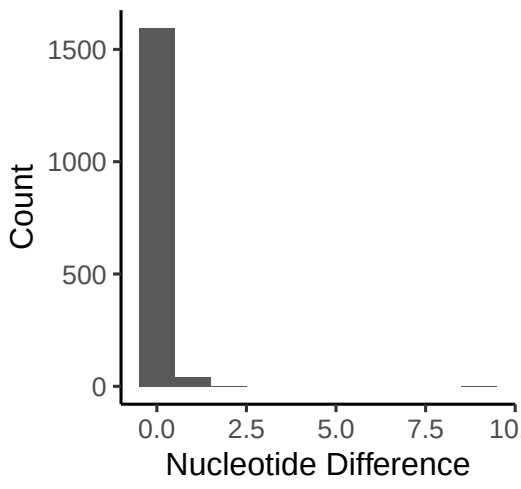

## TRBV12−5*ap01

378 sequences assigned
363 (96%) exact matches, in which:
361 unique CDR3
13 unique J



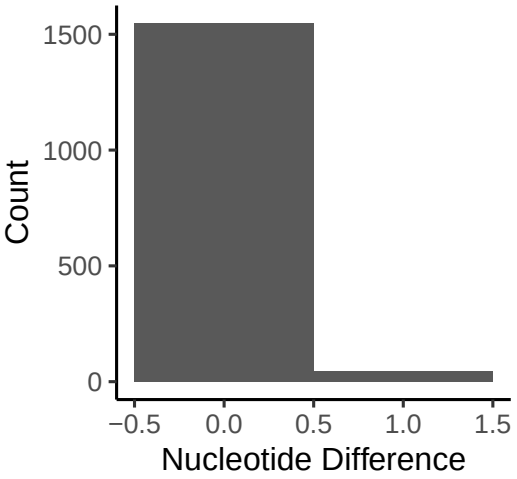

## TRBV3−12*ap01

1639 sequences assigned
1595 (97.3%) exact matches, in which:
1586 unique CDR3
13 unique J



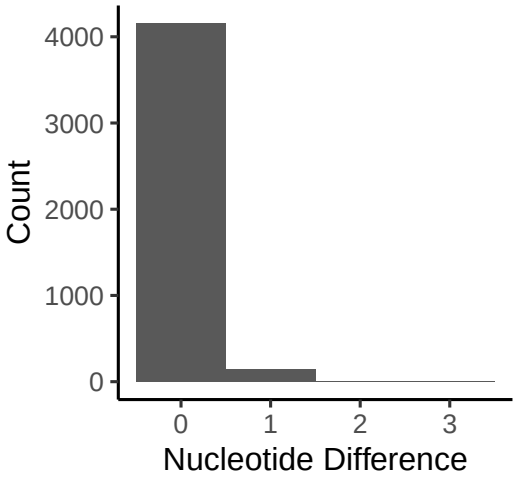
## TRBV4−1*ap01

1592 sequences assigned
1547 (97.2%) exact matches, in which:
1532 unique CDR3
13 unique J



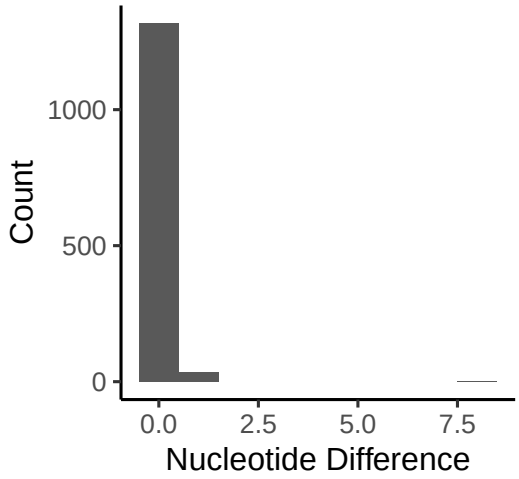

## TRBV5−1*ap01

4300 sequences assigned
4155 (96.6%) exact matches, in which:
4125 unique CDR3
13 unique J



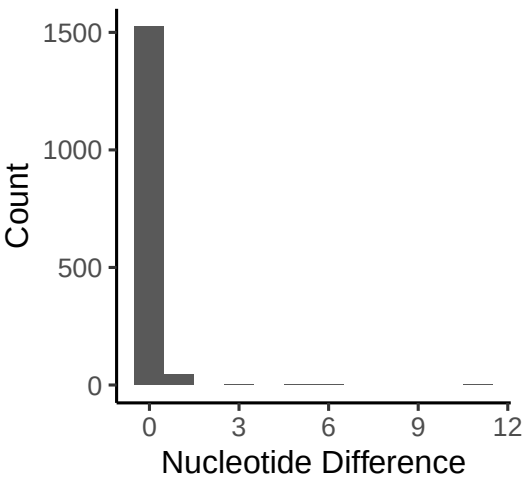

## TRBV5−4*ap01

1354 sequences assigned
1317 (97.3%) exact matches, in which:
1305 unique CDR3
13 unique J



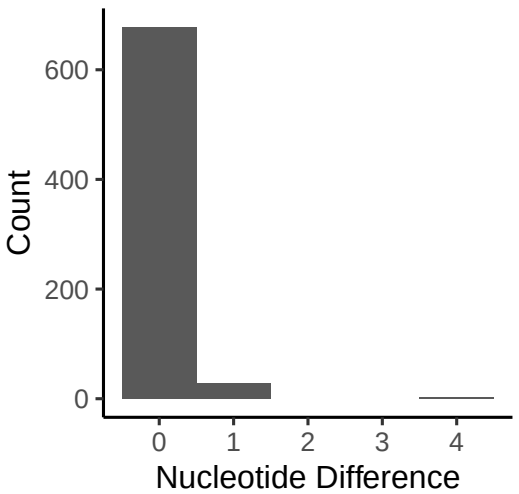

## TRBV24−1*ap01

1574 sequences assigned
1524 (96.8%) exact matches, in which:
1512 unique CDR3
13 unique J



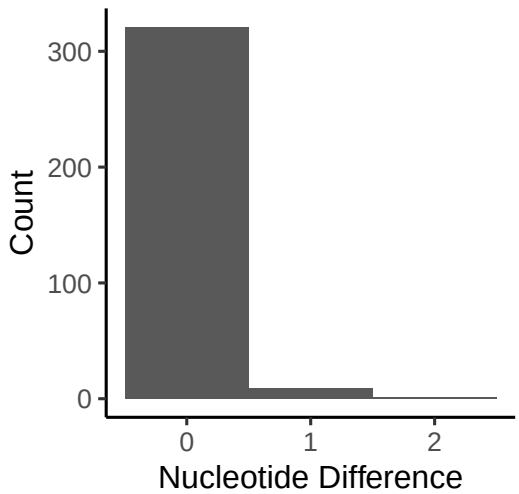

## TRBV25−1*ap01

708 sequences assigned
678 (95.8%) exact matches, in which:
673 unique CDR3
13 unique J



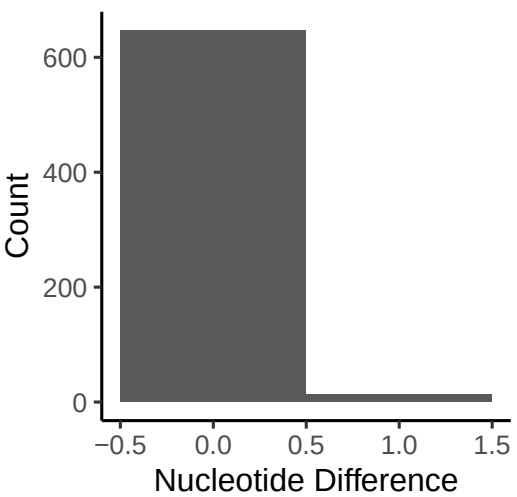

## TRBV5−5*ap01

331 sequences assigned
321 (97%) exact matches, in which:
319 unique CDR3
13 unique J



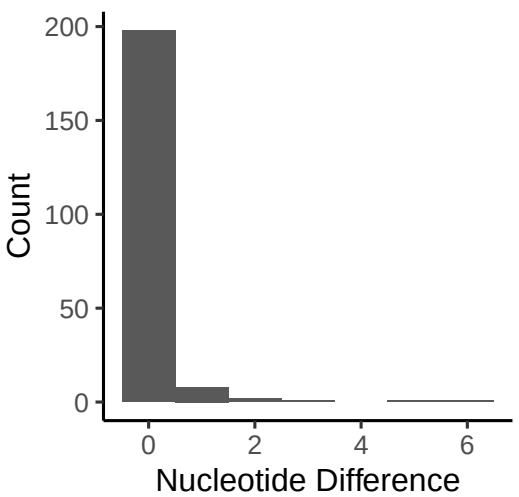

## TRBV4−2*ap01

660 sequences assigned
647 (98%) exact matches, in which:
637 unique CDR3
13 unique J



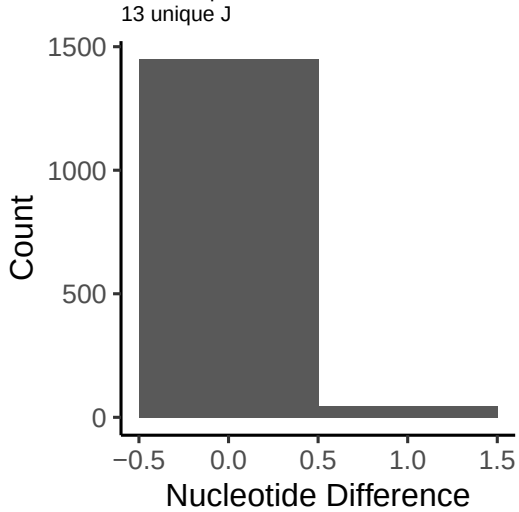

## TRBV5−3*ap01

211 sequences assigned
198 (93.8%) exact matches, in which:
194 unique CDR3
13 unique J



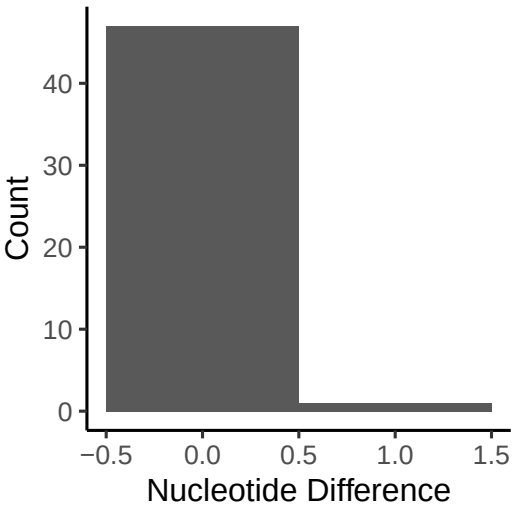

## TRBV5−6*ap01

1497 sequences assigned
1450 (96.9%) exact matches, in which:
1419 unique CDR3
13 unique J



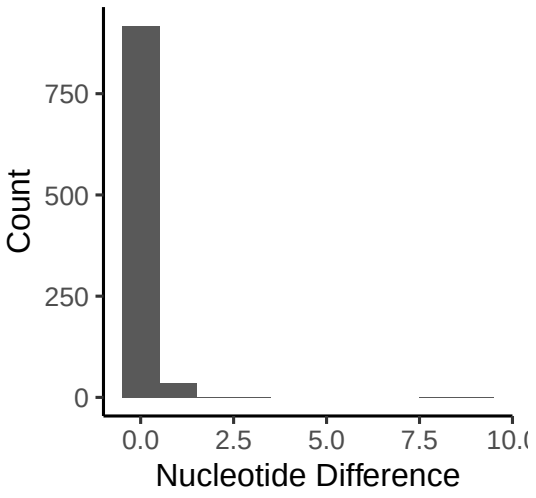
## TRBV5−7*ap01

48 sequences assigned
47 (97.9%) exact matches, in which:
47 unique CDR3
12 unique J



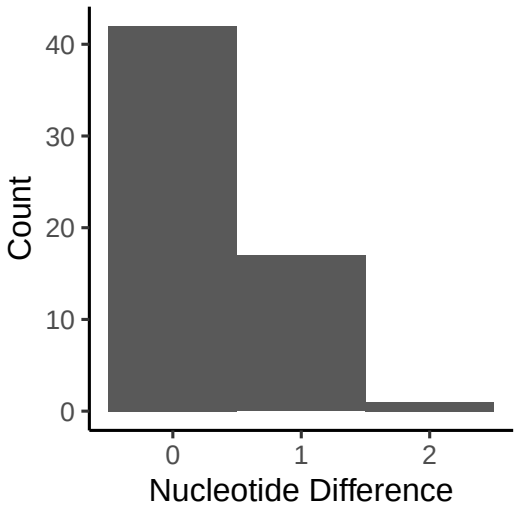

## TRBV6−4*ap01

958 sequences assigned
918 (95.8%) exact matches, in which:
910 unique CDR3
13 unique J



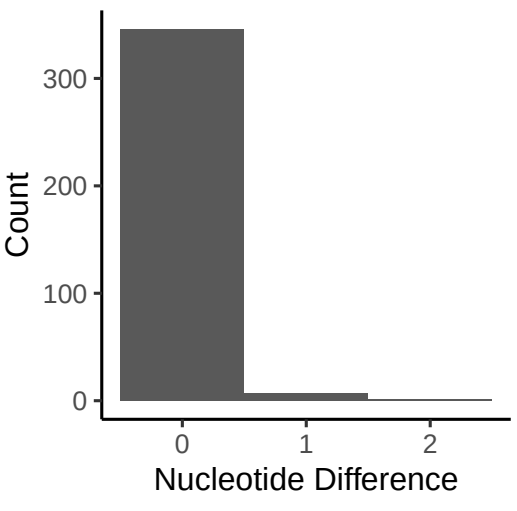

## TRBV6−9*ap01

60 sequences assigned
42 (70%) exact matches, in which:
42 unique CDR3
10 unique J



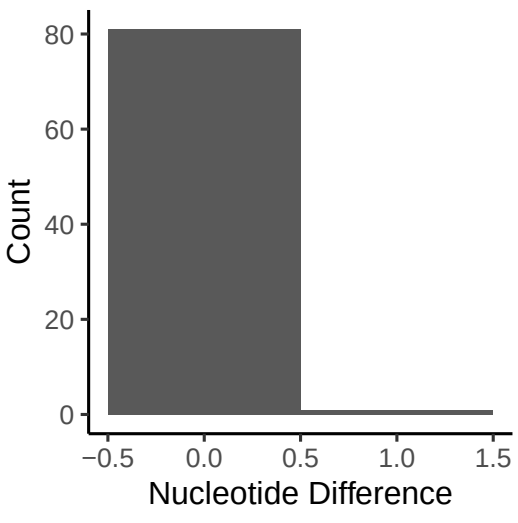

## TRBV5−8*ap01

354 sequences assigned
346 (97.7%) exact matches, in which:
346 unique CDR3
13 unique J



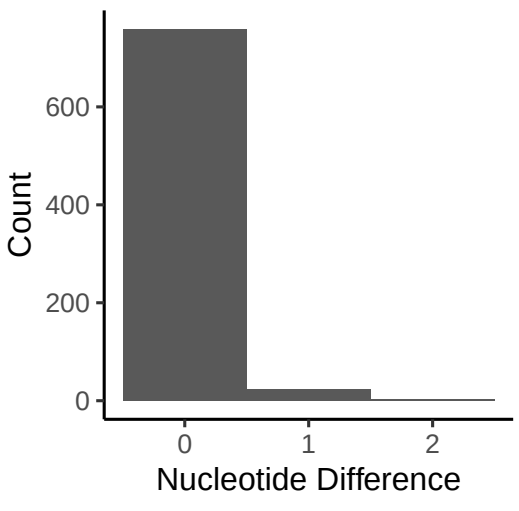

## TRBV6−7*ap01

82 sequences assigned
81 (98.8%) exact matches, in which:
79 unique CDR3
12 unique J



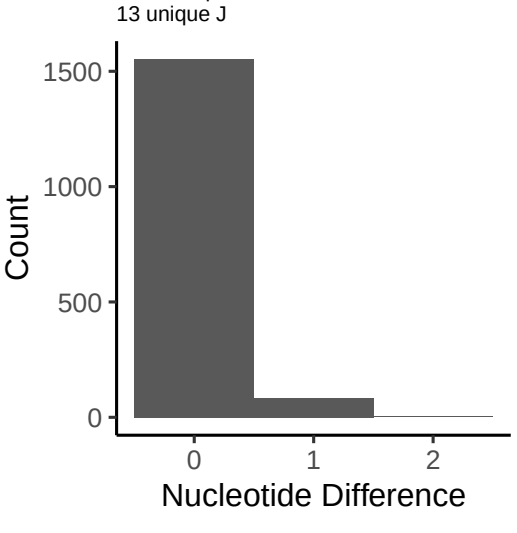

## TRBV6−23*ap01

786 sequences assigned
759 (96.6%) exact matches, in which:
748 unique CDR3
13 unique J



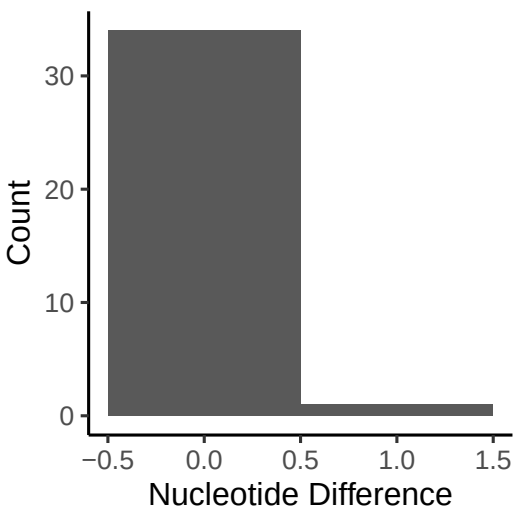

## TRBV6−1*ap01

1641 sequences assigned
1553 (94.6%) exact matches, in which:
1531 unique CDR3
13 unique J



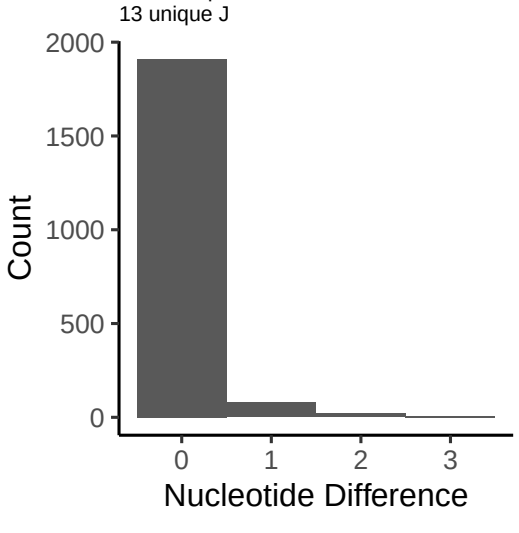

## TRBV6−8*ap01

35 sequences assigned
34 (97.1%) exact matches, in which:
34 unique CDR3
10 unique J



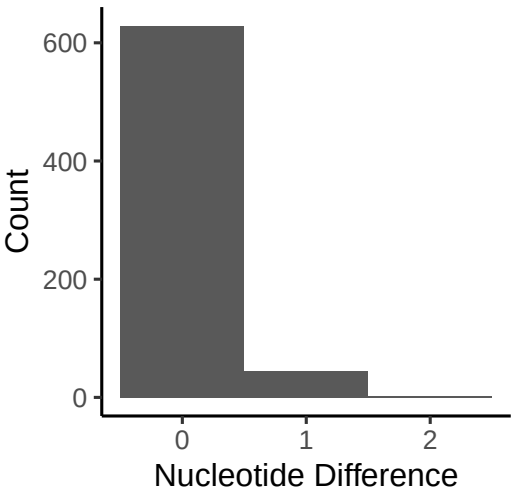

## TRBV6−56*ap01

2016 sequences assigned
1910 (94.7%) exact matches, in which:
1881 unique CDR3
13 unique J



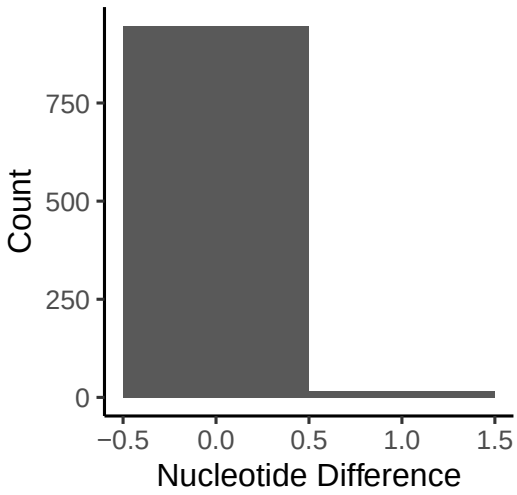
## TRBV6−56*ap02

676 sequences assigned
629 (93%) exact matches, in which:
621 unique CDR3
13 unique J



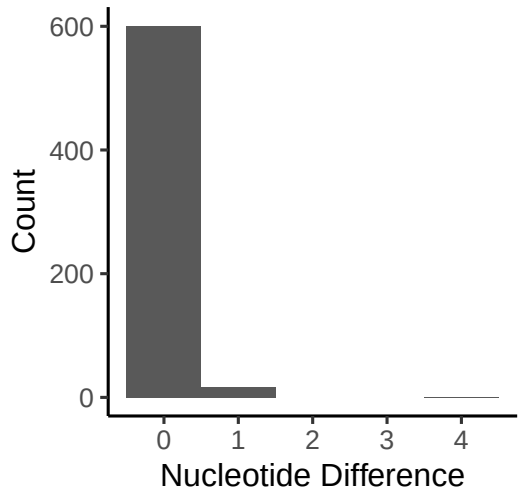

## TRBV7−2*ap01

963 sequences assigned
947 (98.3%) exact matches, in which:
937 unique CDR3
13 unique J



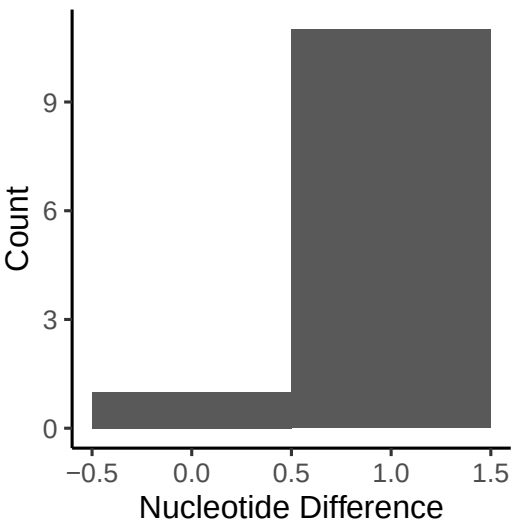

## TRBV7−6*ap01

619 sequences assigned
601 (97.1%) exact matches, in which:
597 unique CDR3
13 unique J



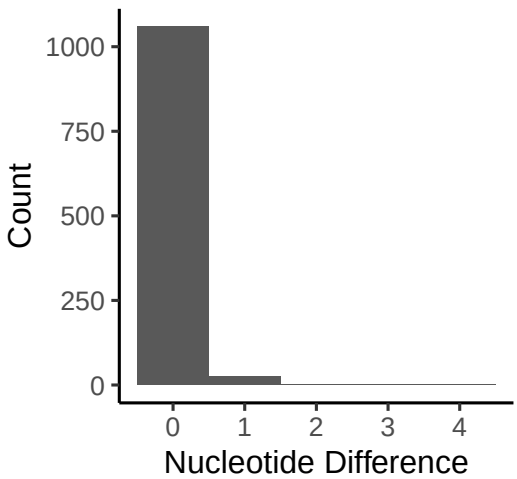

## TRBV7−1*ap01_T296C

12 sequences assigned
1 (8.3%) exact matches, in which:
1 unique CDR3
1 unique J



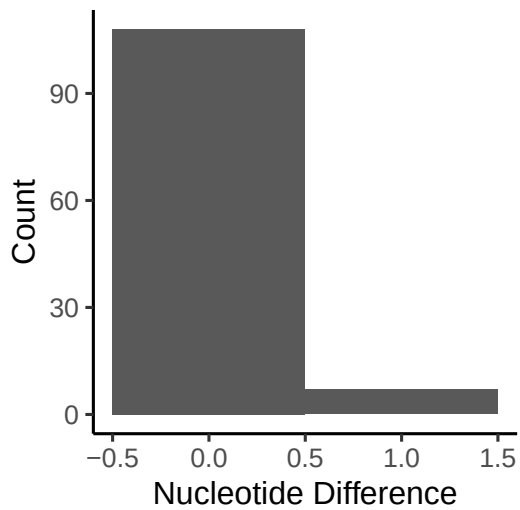

## TRBV7−3*ap01

1087 sequences assigned
1059 (97.4%) exact matches, in which:
1056 unique CDR3
13 unique J



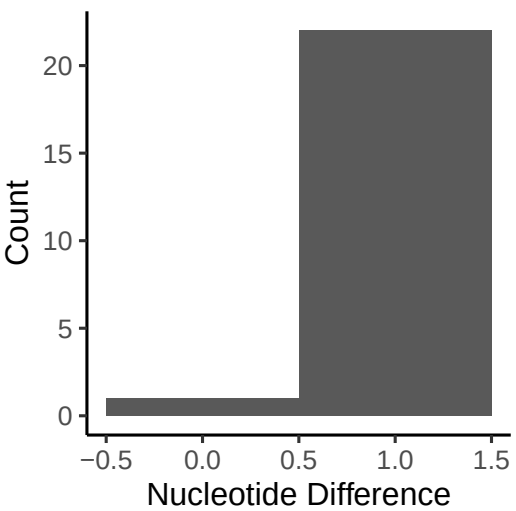

## TRBV7−7*ap01

115 sequences assigned
108 (93.9%) exact matches, in which:
108 unique CDR3
13 unique J



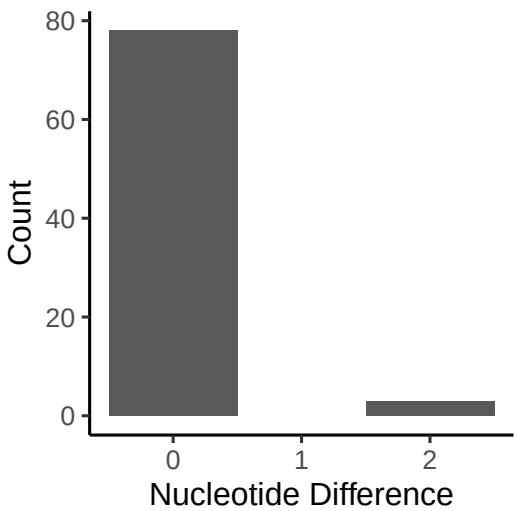

## TRBV7−1*ap01_T296C_C

23 sequences assigned
1 (4.3%) exact matches, in which:
1 unique CDR3
1 unique J



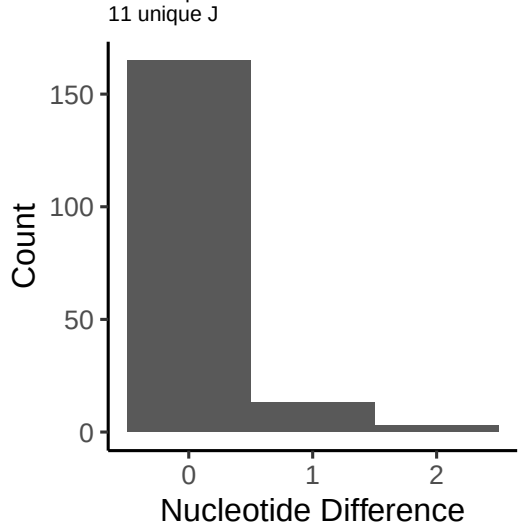

## TRBV7−4*ap01

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



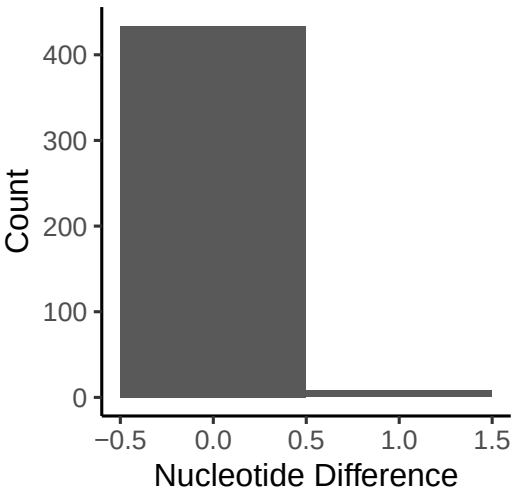

## TRBV7−7*ap01_C315T

181 sequences assigned
165 (91.2%) exact matches, in which:
164 unique CDR3
11 unique J



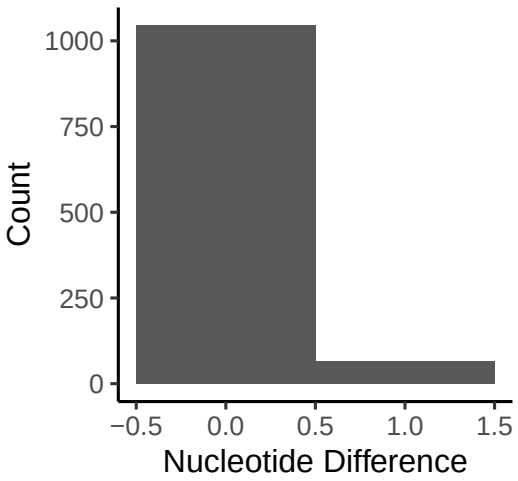
## TRBV7−8*ap01

442 sequences assigned
434 (98.2%) exact matches, in which:
431 unique CDR3
13 unique J



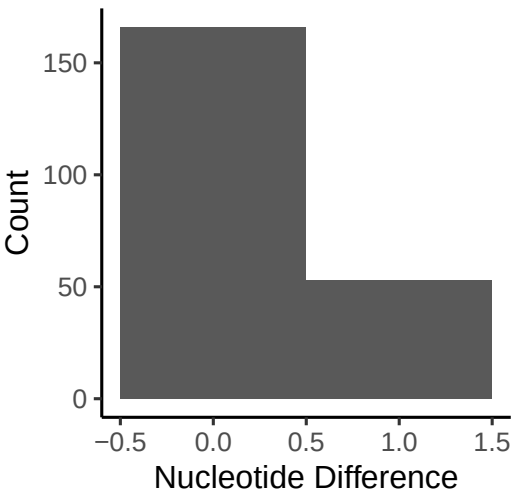

## TRBV29−1*ap01

1111 sequences assigned
1045 (94.1%) exact matches, in which:
1035 unique CDR3
13 unique J



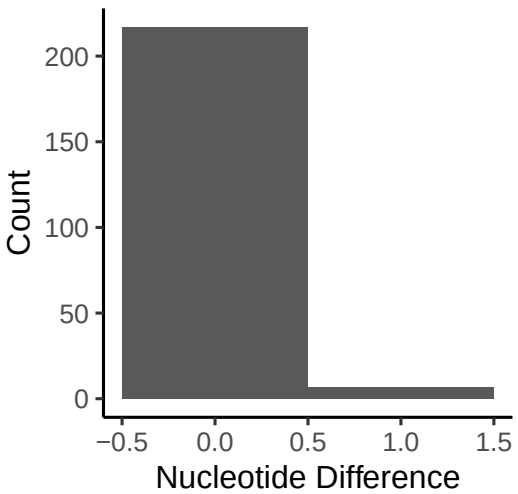

## TRBV7−8*ap03

219 sequences assigned
166 (75.8%) exact matches, in which:
166 unique CDR3
13 unique J



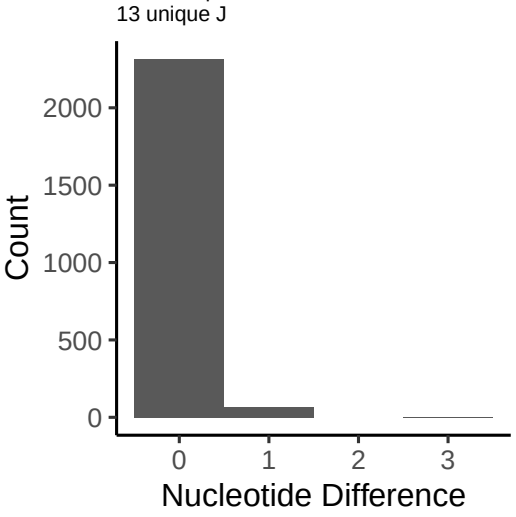

## TRBV29−1*ap02

224 sequences assigned
217 (96.9%) exact matches, in which:
217 unique CDR3
13 unique J

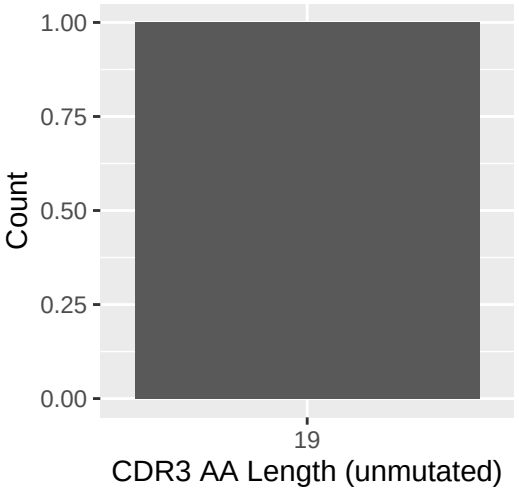



## TRBV7−9*ap01

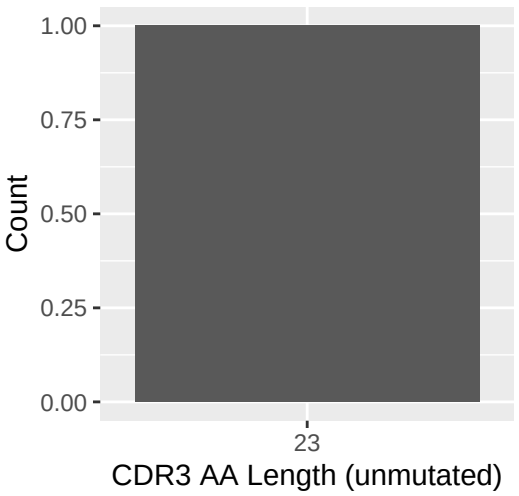
2383 sequences assigned
2315 (97.1%) exact matches, in which:
2299 unique CDR3
13 unique J



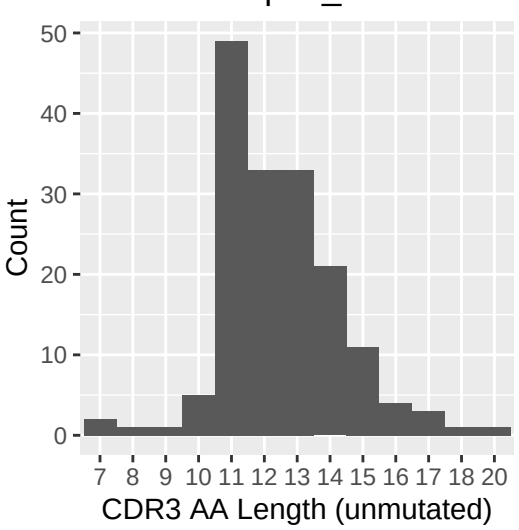
TRBV7−1*ap01_T296C_C314T

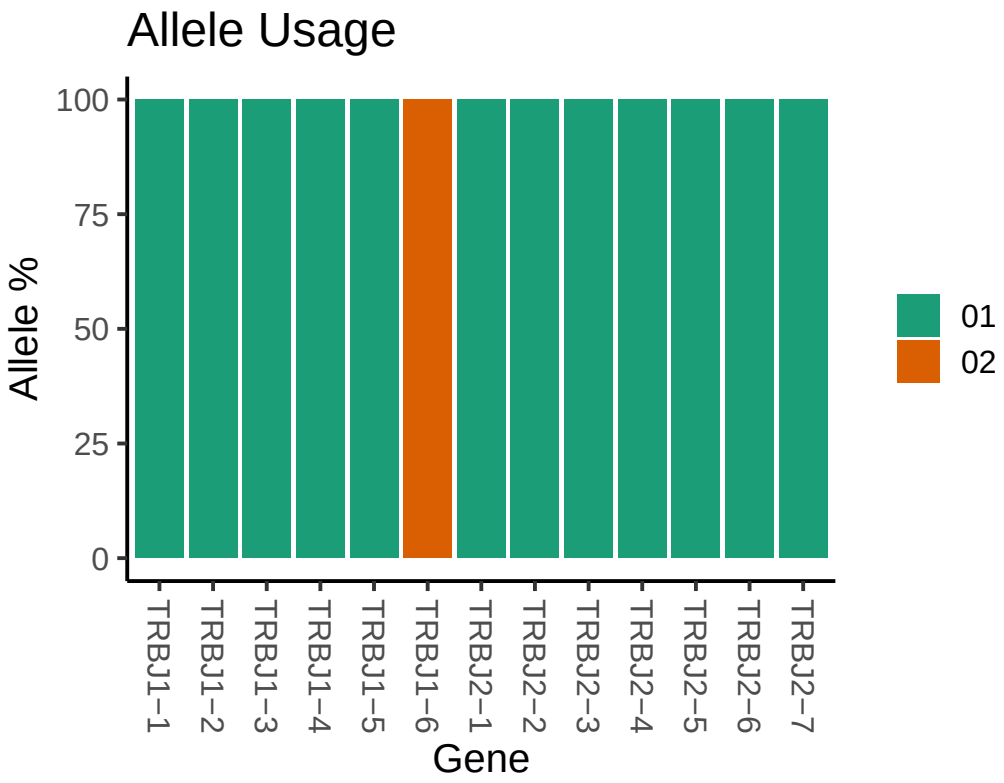



TRBV7−1*ap01_T296C




TRBV7−7*ap01_C315T




Allele Usage
Allele %
100
75
50
25
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TRBJ1−1
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TRBJ1−5
TRBJ1−6
TRBJ2−1
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TRBJ2−5
TRBJ2−6
TRBJ2−7
Gene
01
02

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.