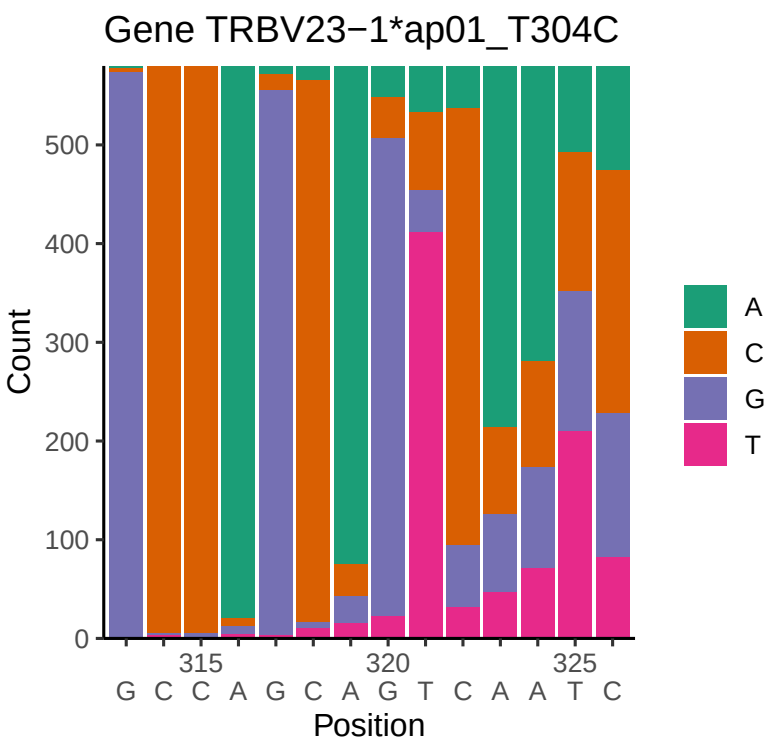
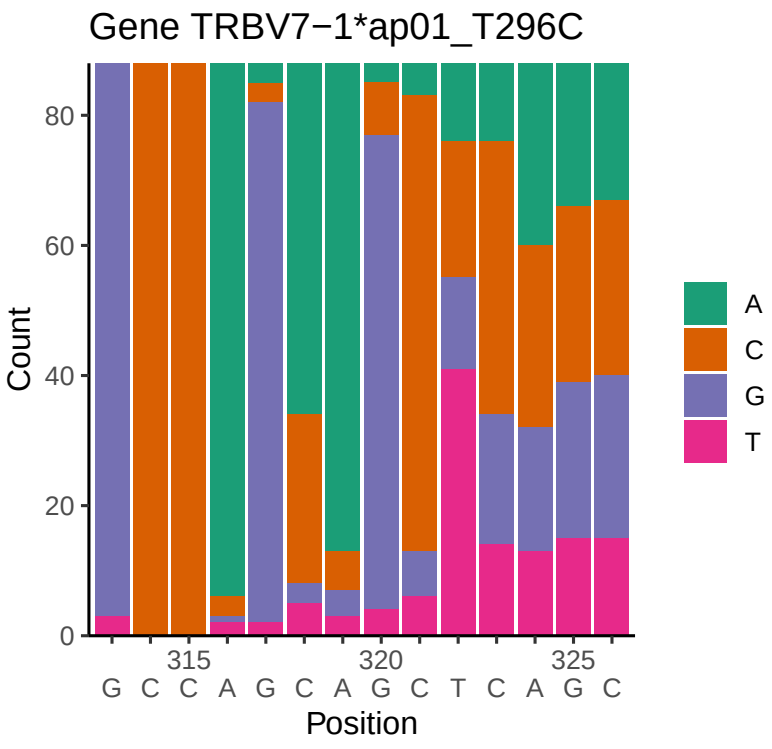
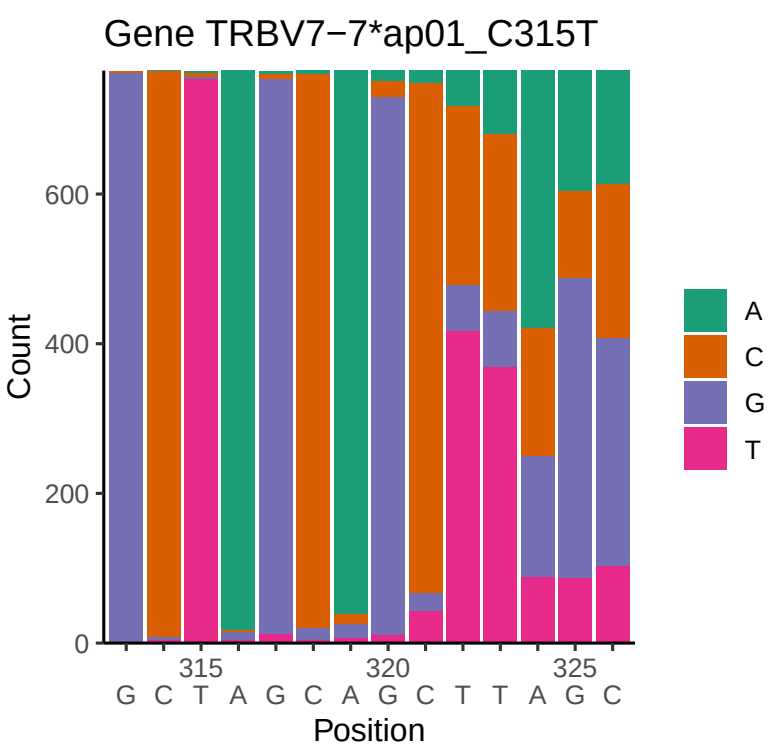
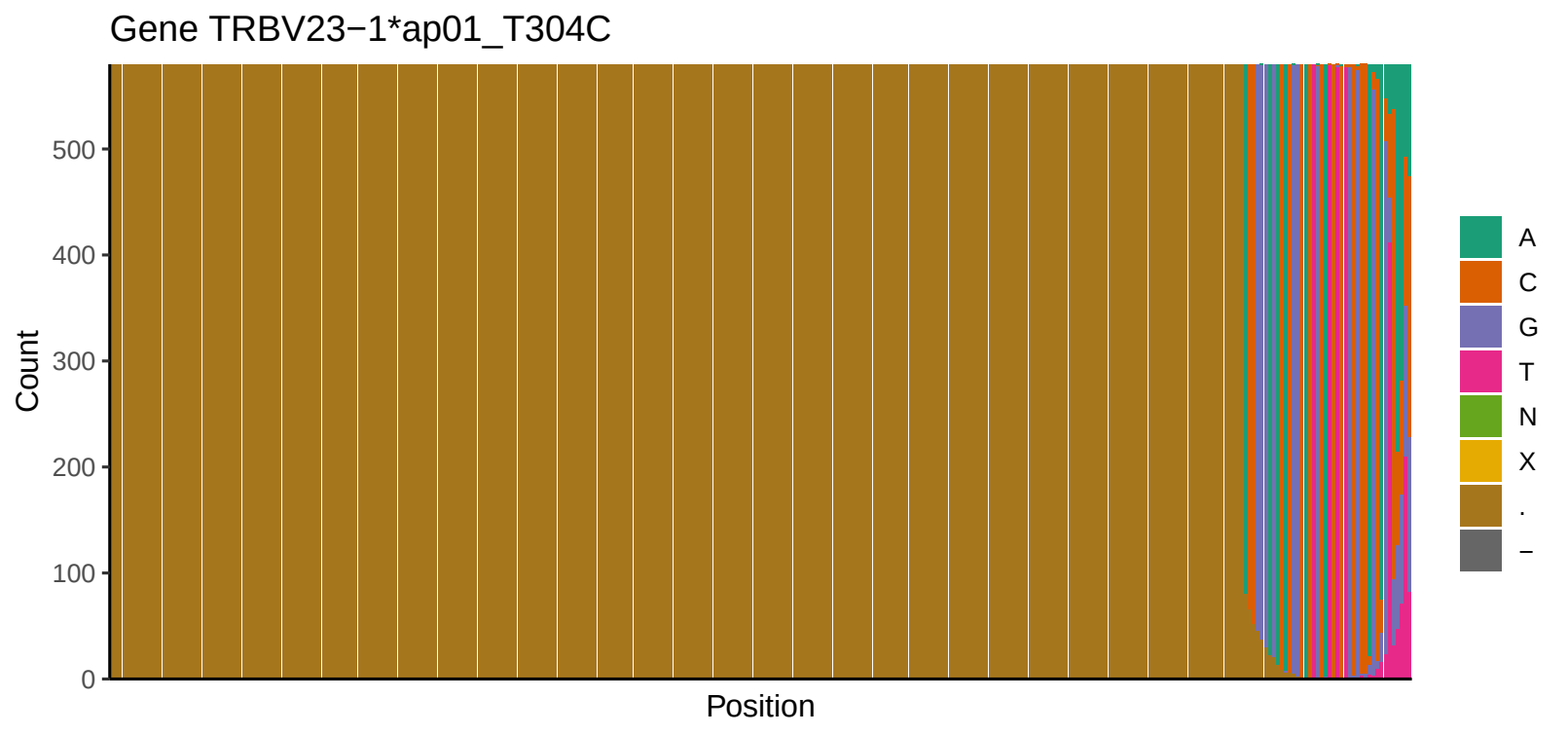
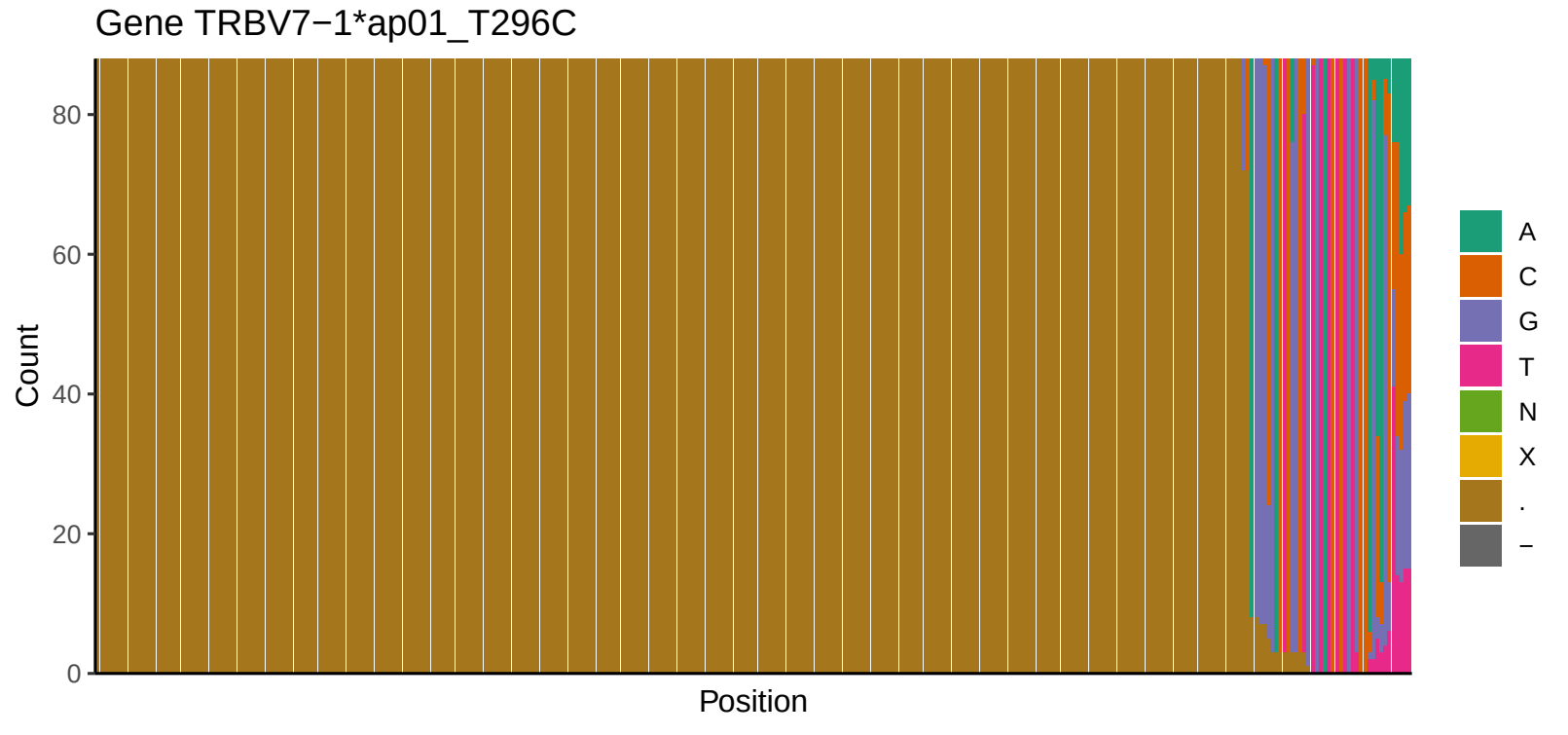
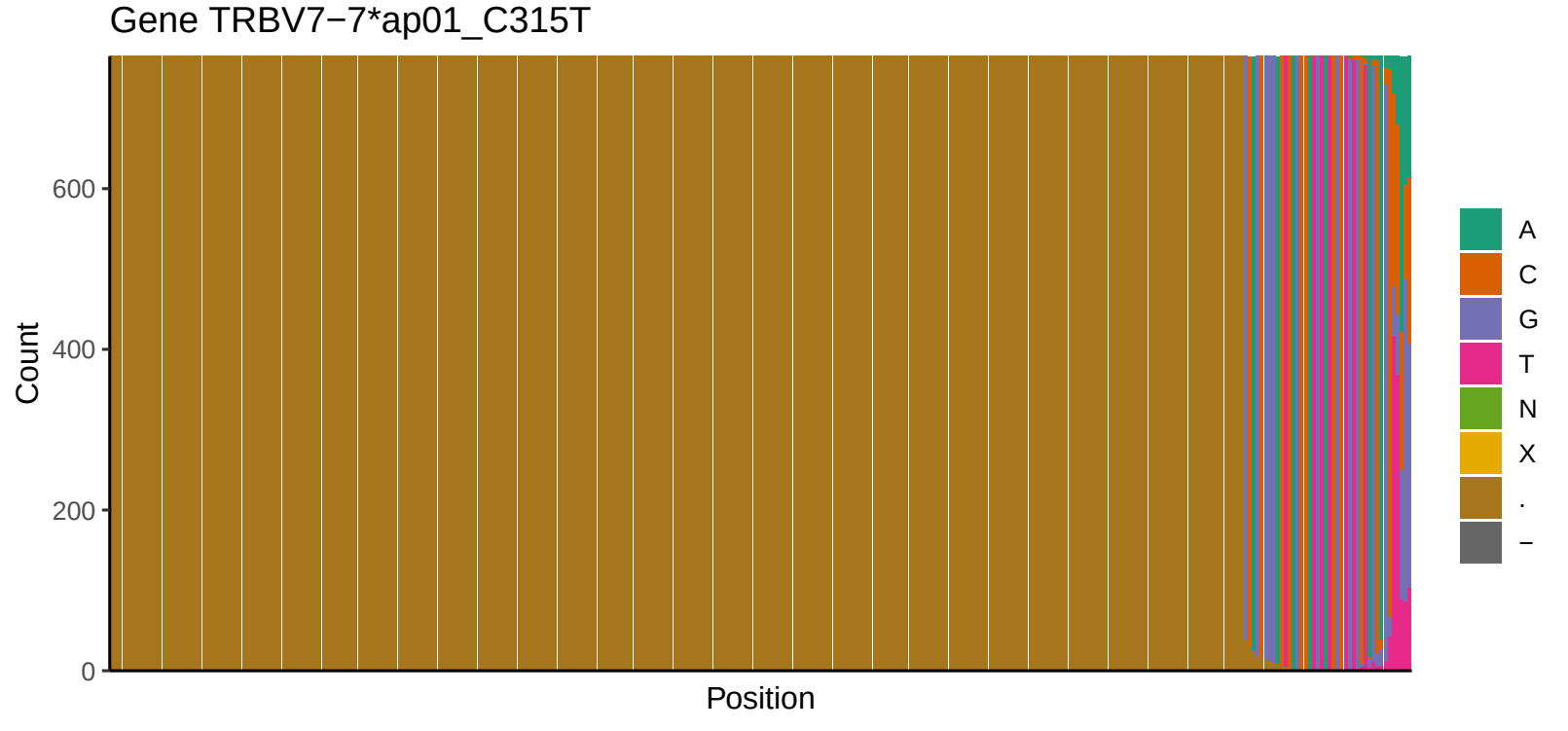

Gene TRBV23−1*ap01_T304C
Count
0
100
200
300
400
500
315
320
325
G C C A G C A G T C A A T C
Position
A
C
G
T


Gene TRBV7−1*ap01_T296C
Count
0
20
40
60
80
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T

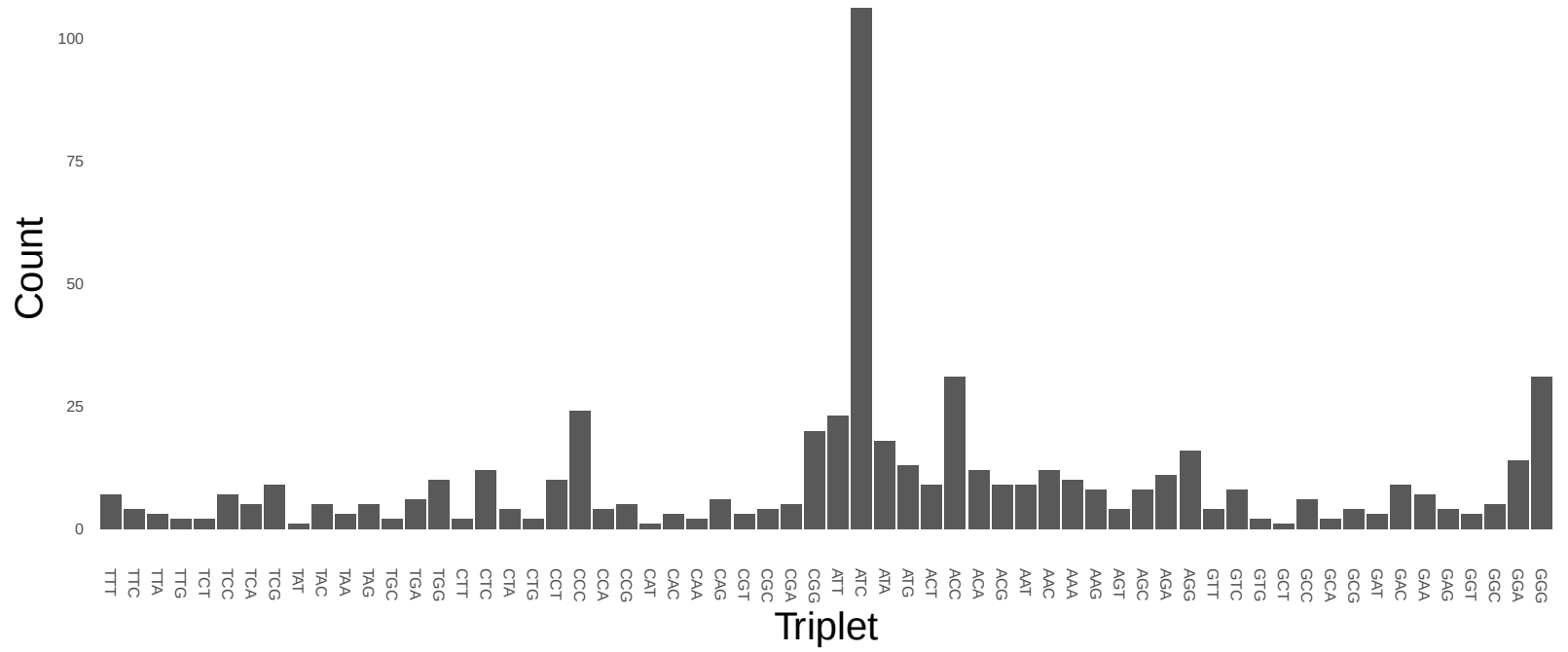

Gene TRBV7−7*ap01_C315T
Count
0
200
400
600
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T


Gene TRBV23−1*ap01_T304C
Count
0
100
200
300
400
500
Position
A
C
G
T
N
X
.
–

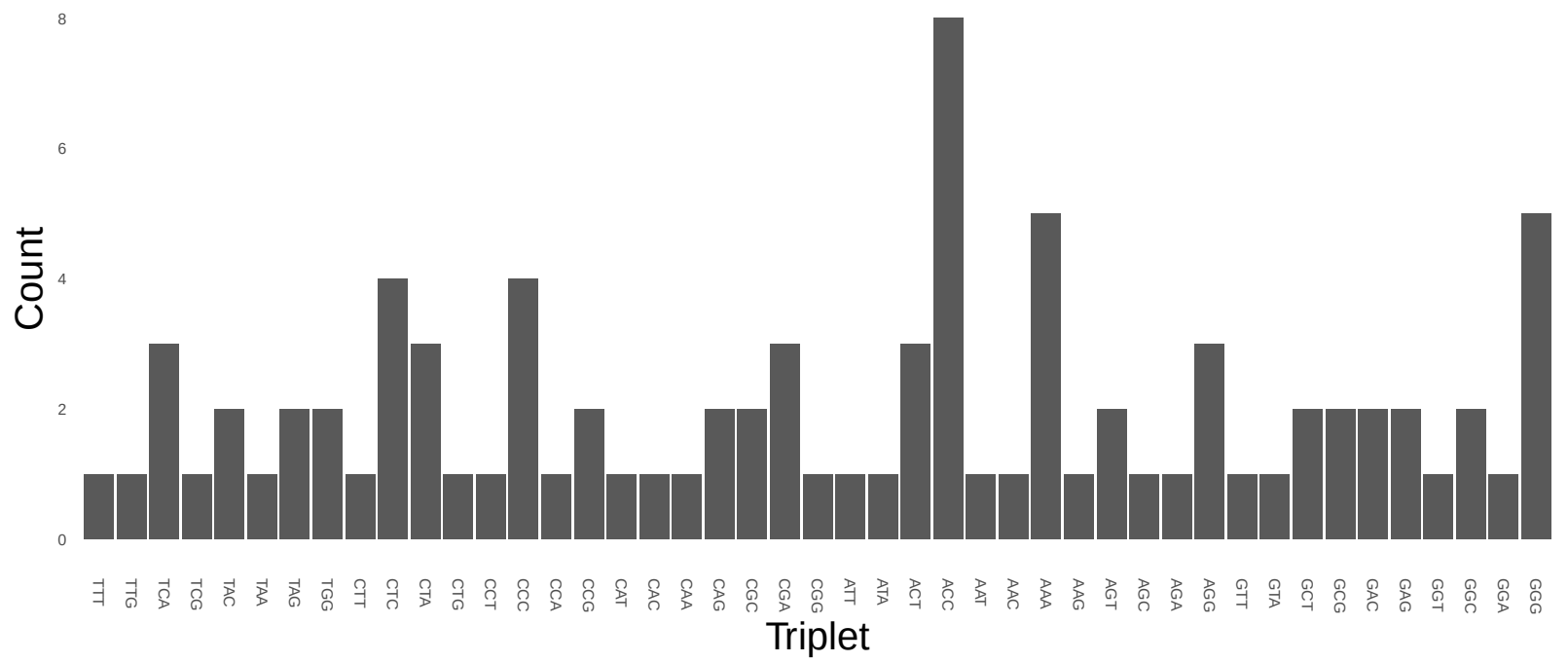

Gene TRBV7−1*ap01_T296C
Count
0
20
40
60
80
Position
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
Count
0
200
400
600
Position
A
C
G
T
N
X
.
–

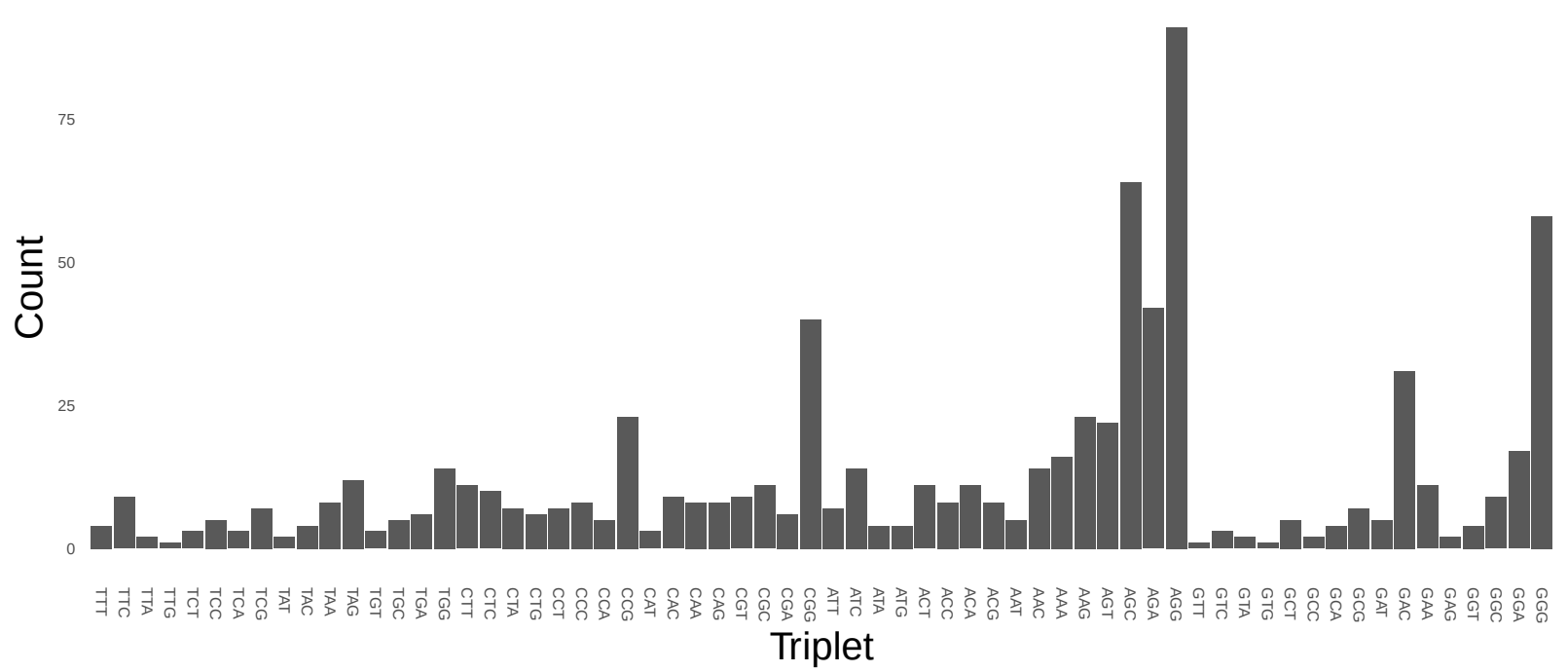
TRBV23−1*ap01_T304C− Final 3 nucleotides as a triplet



TRBV7−1*ap01_T296C− Final 3 nucleotides as a triplet

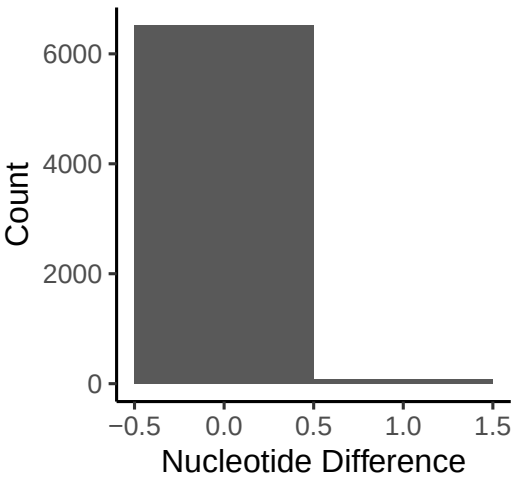


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



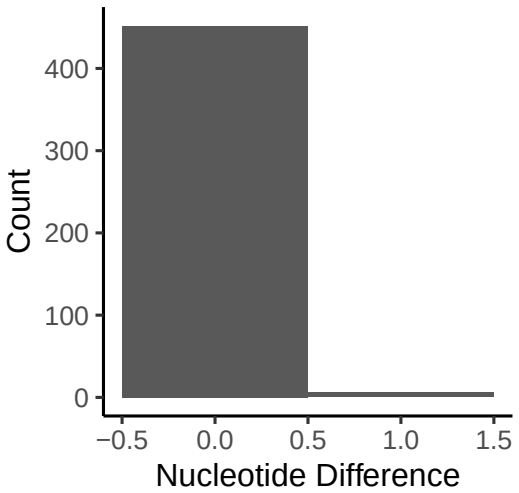
TRBV20−1*ap01

6599 sequences assigned
6517 (98.8%) exact matches, in which:
6392 unique CDR3
13 unique J



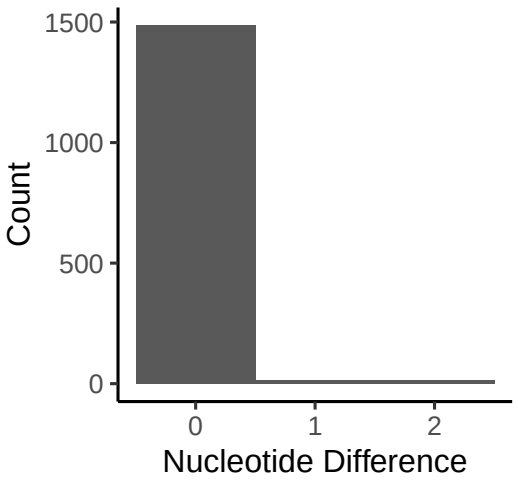
TRBV10−2*ap01

458 sequences assigned
452 (98.7%) exact matches, in which:
439 unique CDR3
13 unique J



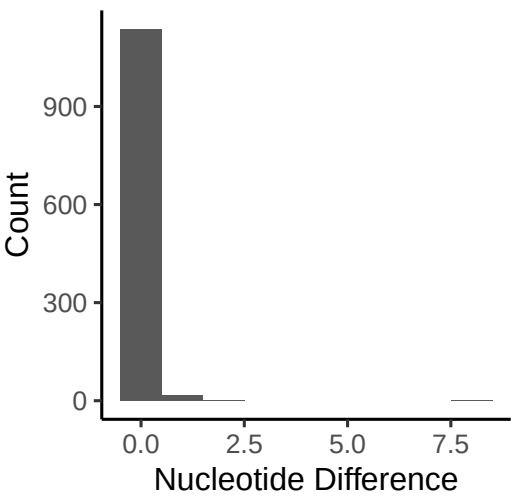
TRBV13*ap01

1516 sequences assigned
1486 (98%) exact matches, in which:
1450 unique CDR3
13 unique J



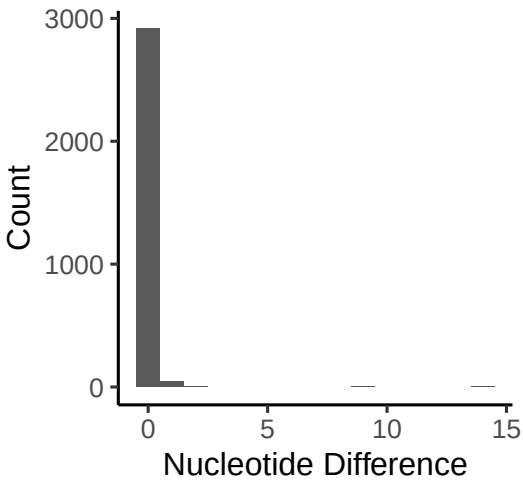
TRBV10−1*ap01

1155 sequences assigned
1137 (98.4%) exact matches, in which:
1120 unique CDR3
13 unique J



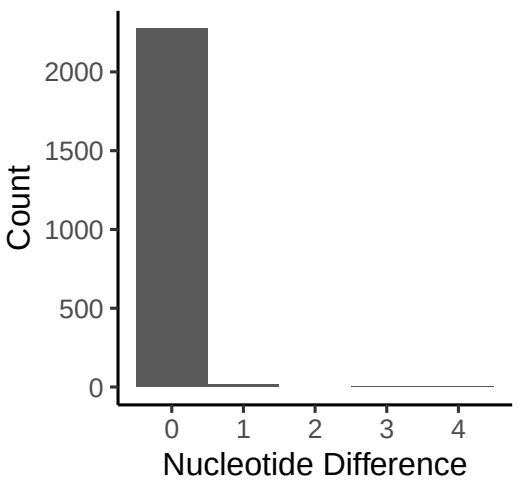
TRBV10−3*ap01

2962 sequences assigned
2916 (98.4%) exact matches, in which:
2855 unique CDR3
13 unique J



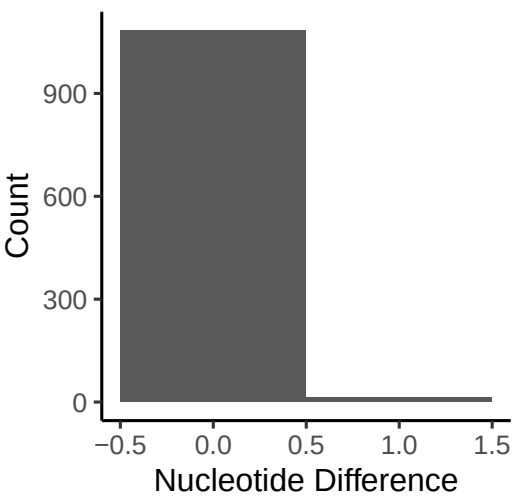
TRBV14*ap01

2294 sequences assigned
2274 (99.1%) exact matches, in which:
2218 unique CDR3
13 unique J



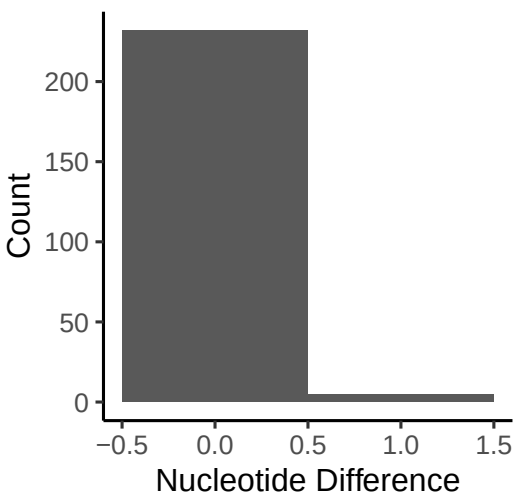
TRBV20−1*ap02

1098 sequences assigned
1084 (98.7%) exact matches, in which:
1057 unique CDR3
13 unique J



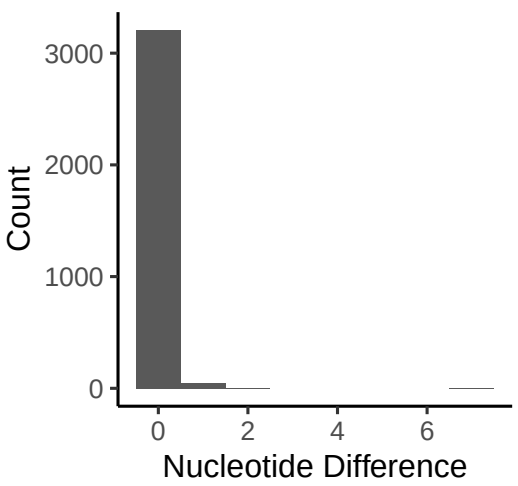
TRBV1*ap01

237 sequences assigned
232 (97.9%) exact matches, in which:
230 unique CDR3
12 unique J



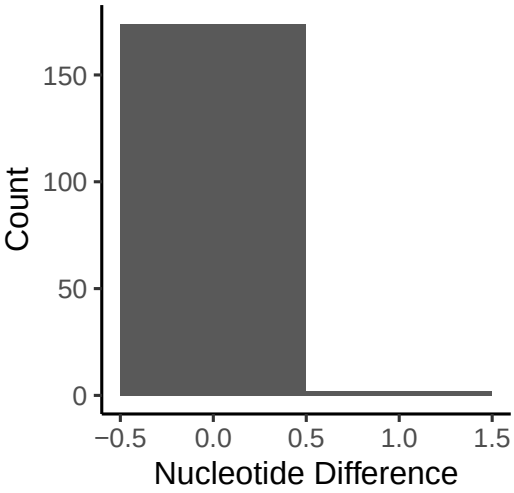
TRBV15*ap02

3257 sequences assigned
3207 (98.5%) exact matches, in which:
3137 unique CDR3
13 unique J



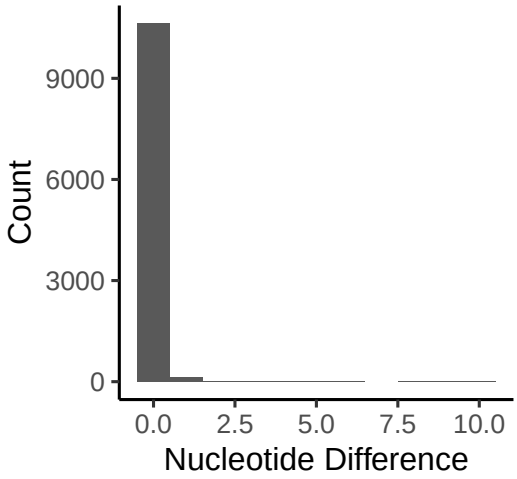
TRBV16*ap01

176 sequences assigned
174 (98.9%) exact matches, in which:
173 unique CDR3
13 unique J



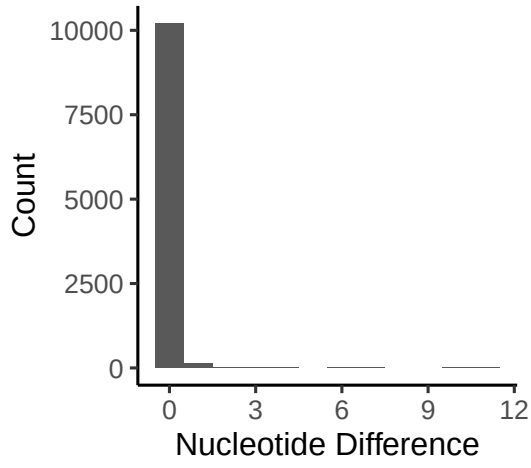
TRBV19*ap01

10772 sequences assigned
10630 (98.7%) exact matches, in which:
10451 unique CDR3
13 unique J



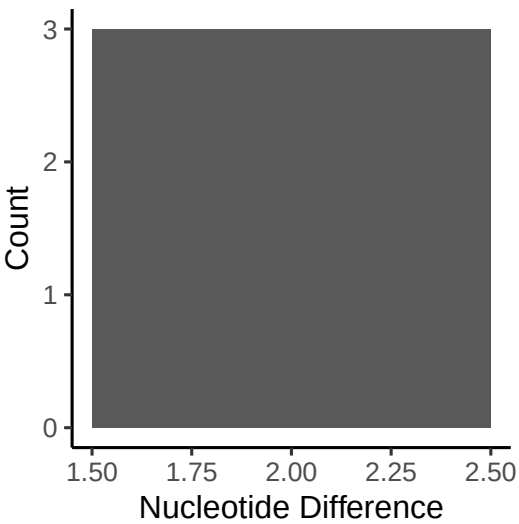
TRBV27*ap01

10347 sequences assigned
10213 (98.7%) exact matches, in which:
9958 unique CDR3
13 unique J



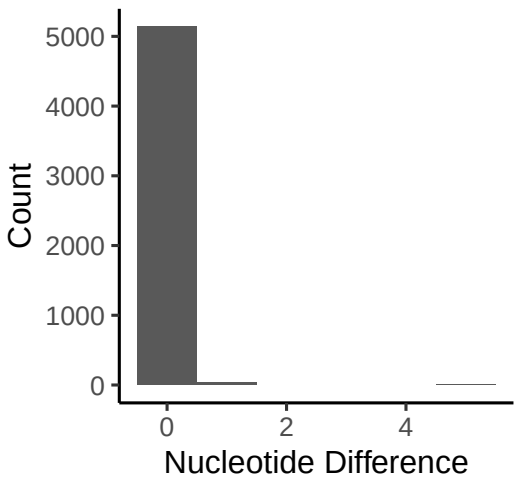
TRBV17*ap01

3 sequences assigned
No exact matches.



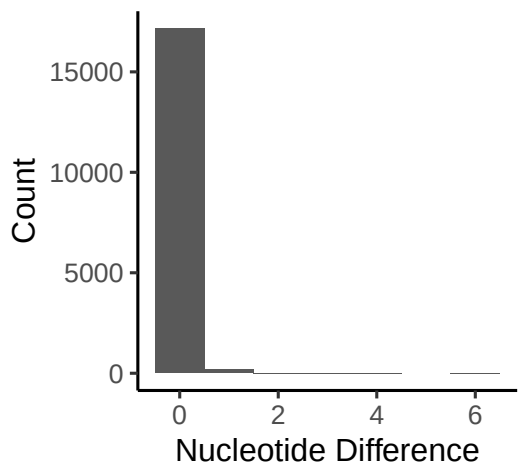
TRBV2*ap01

5181 sequences assigned
5138 (99.2%) exact matches, in which:
5060 unique CDR3
13 unique J



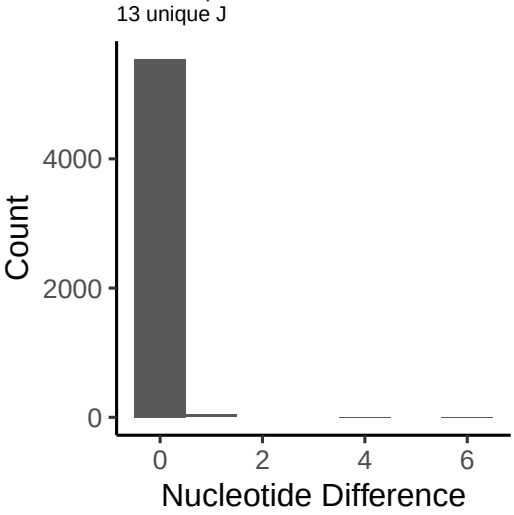
TRBV28*ap01

17352 sequences assigned
17159 (98.9%) exact matches, in which:
16762 unique CDR3
13 unique J



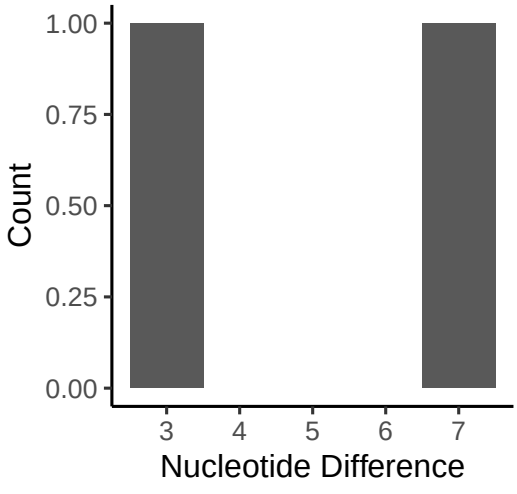
TRBV18*ap01

5588 sequences assigned
5544 (99.2%) exact matches, in which:
5444 unique CDR3
13 unique J



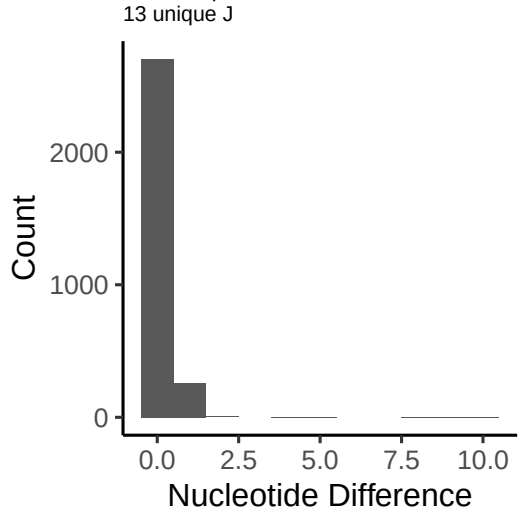
TRBV26*ap01

2 sequences assigned
No exact matches.



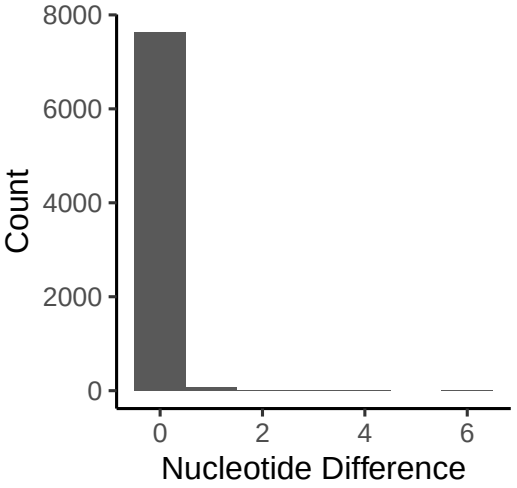
TRBV30*ap01

2977 sequences assigned
2703 (90.8%) exact matches, in which:
2676 unique CDR3
13 unique J



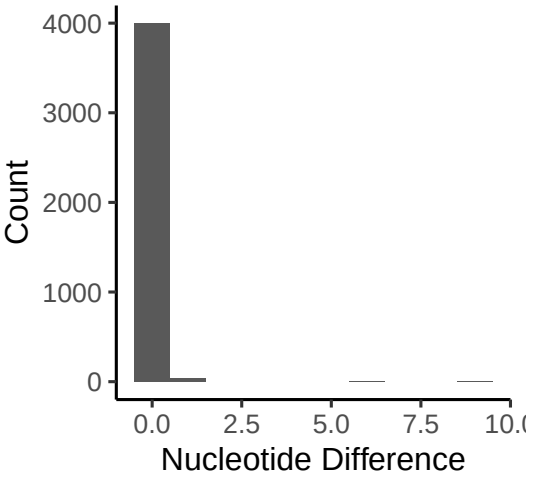
TRBV9*ap01

7712 sequences assigned
7627 (98.9%) exact matches, in which:
7482 unique CDR3
13 unique J



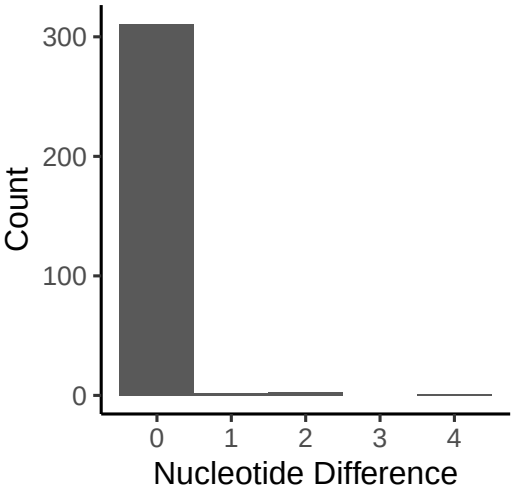
TRBV11−2*ap01

4041 sequences assigned
3997 (98.9%) exact matches, in which:
3902 unique CDR3
13 unique J



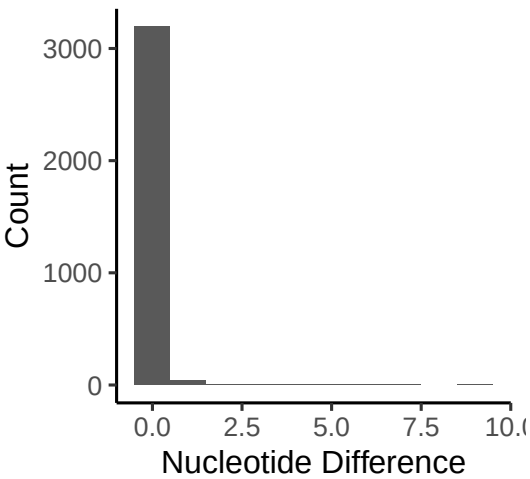
TRBV12−2*ap01

317 sequences assigned
311 (98.1%) exact matches, in which:
305 unique CDR3
13 unique J



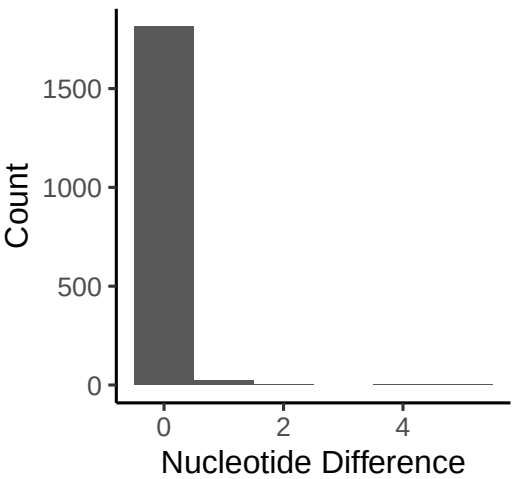
TRBV21−1*ap01

3256 sequences assigned
3194 (98.1%) exact matches, in which:
3128 unique CDR3
13 unique J



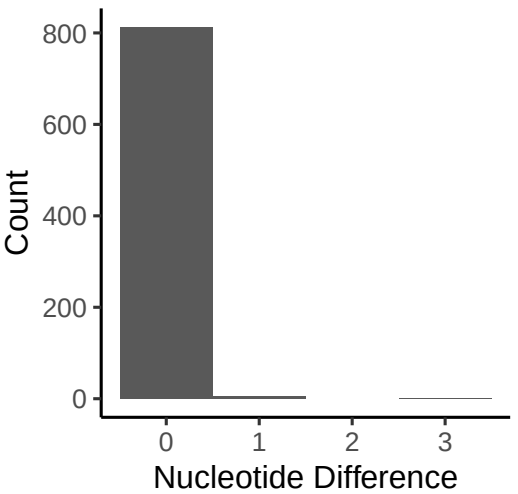
TRBV11−3*ap01

1842 sequences assigned
1813 (98.4%) exact matches, in which:
1771 unique CDR3
13 unique J



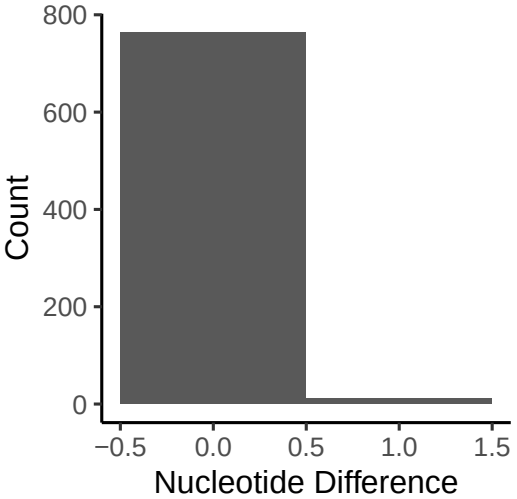
TRBV12−5*ap01

820 sequences assigned
813 (99.1%) exact matches, in which:
793 unique CDR3
13 unique J



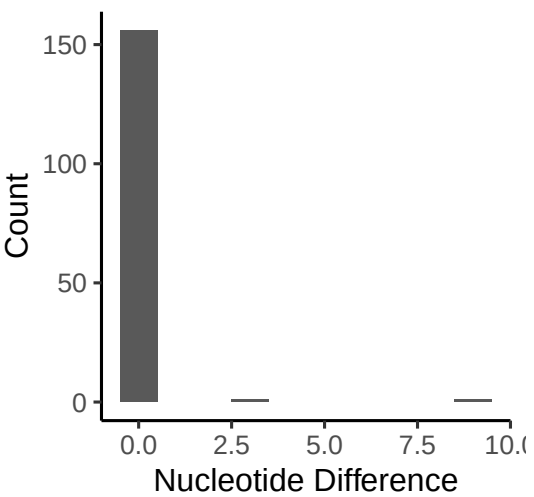
TRBV11−1*ap01

776 sequences assigned
764 (98.5%) exact matches, in which:
749 unique CDR3
13 unique J



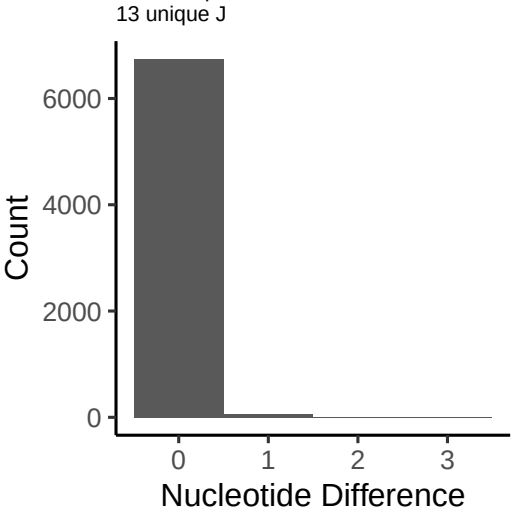
TRBV12−1*ap01

158 sequences assigned
156 (98.7%) exact matches, in which:
153 unique CDR3
13 unique J



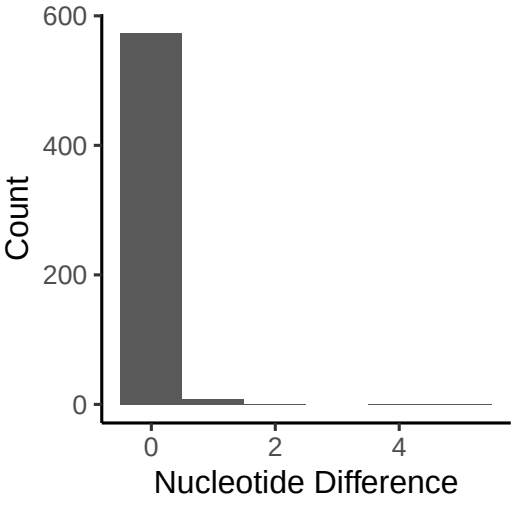
TRBV12−34*ap01

6809 sequences assigned
6742 (99%) exact matches, in which:
6619 unique CDR3
13 unique J



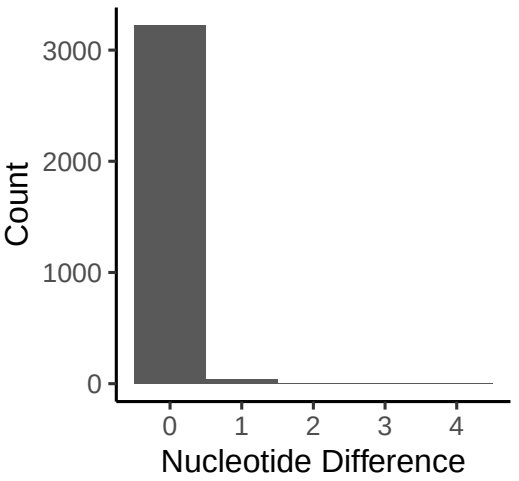
TRBV23−1*ap01

585 sequences assigned
574 (98.1%) exact matches, in which:
560 unique CDR3
13 unique J



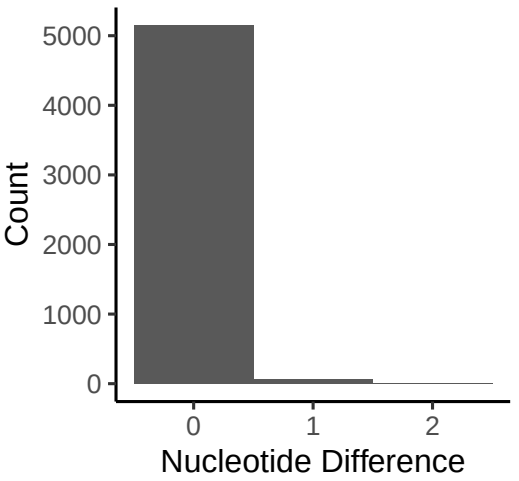
TRBV24−1*ap01

3272 sequences assigned
3222 (98.5%) exact matches, in which:
3170 unique CDR3
13 unique J



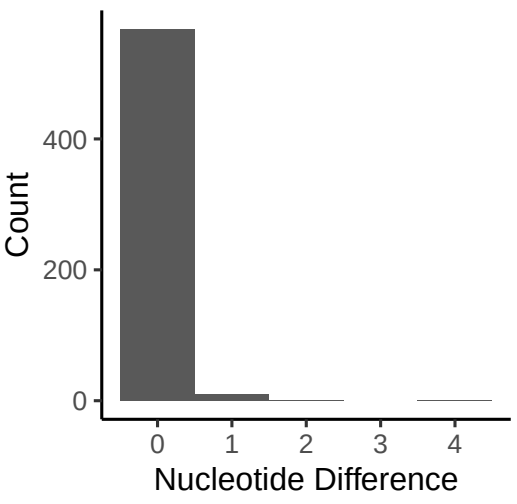
TRBV4−3*ap01

5214 sequences assigned
5148 (98.7%) exact matches, in which:
5050 unique CDR3
13 unique J



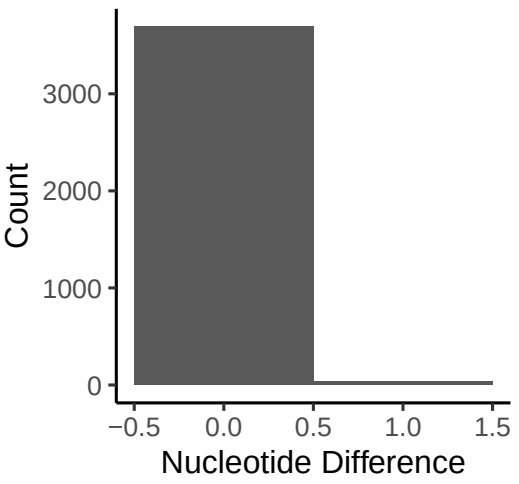
TRBV23−1*ap01_T304C

580 sequences assigned
568 (97.9%) exact matches, in which:
555 unique CDR3
13 unique J



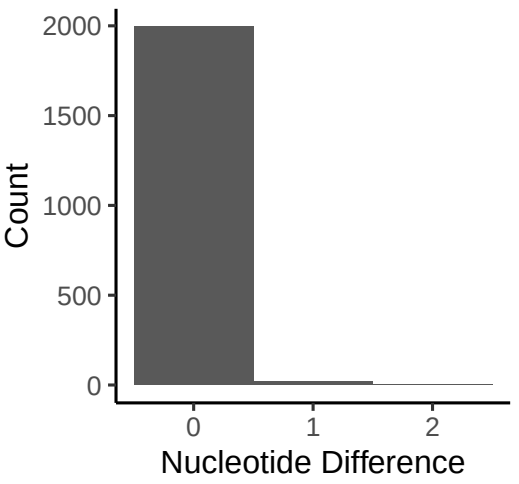
TRBV4−1*ap01

3727 sequences assigned
3691 (99%) exact matches, in which:
3632 unique CDR3
13 unique J



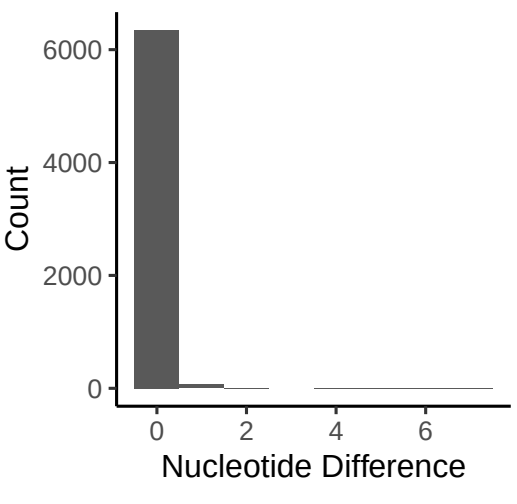
TRBV25−1*ap01

2016 sequences assigned
1995 (99%) exact matches, in which:
1966 unique CDR3
13 unique J



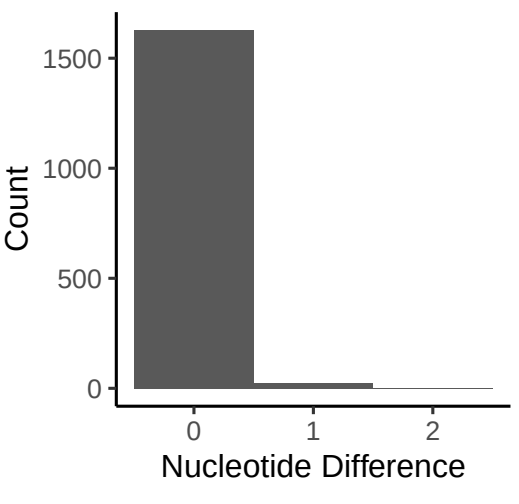
TRBV3−12*ap01

6427 sequences assigned
6347 (98.8%) exact matches, in which:
6204 unique CDR3
13 unique J



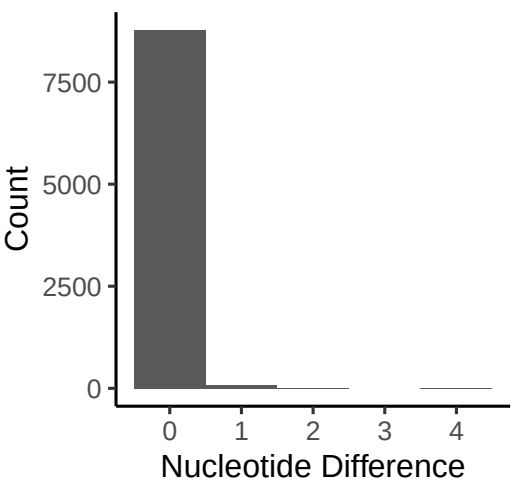
TRBV4−2*ap01

1655 sequences assigned
1628 (98.4%) exact matches, in which:
1612 unique CDR3
13 unique J



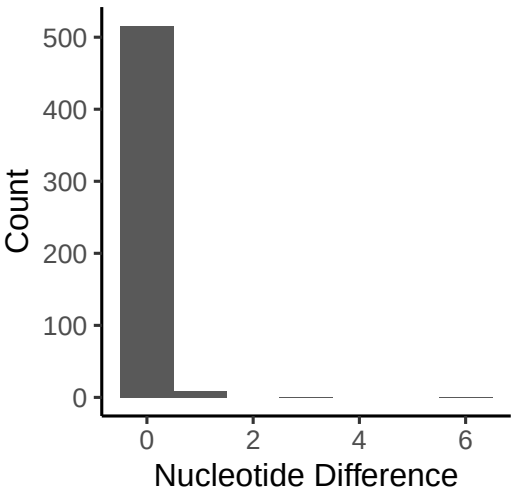
TRBV5−1*ap01

8863 sequences assigned
8775 (99%) exact matches, in which:
8576 unique CDR3
13 unique J



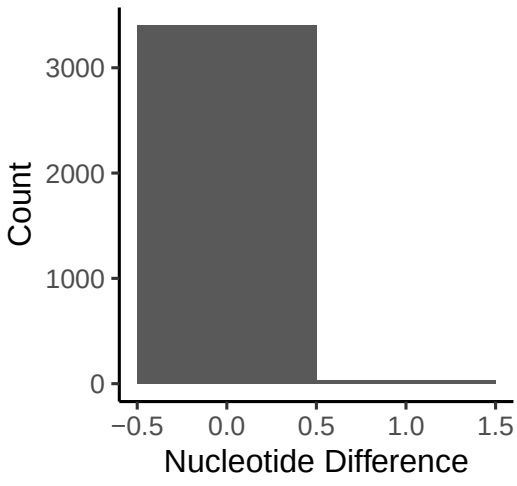
TRBV5−3*ap01

527 sequences assigned
516 (97.9%) exact matches, in which:
503 unique CDR3
13 unique J



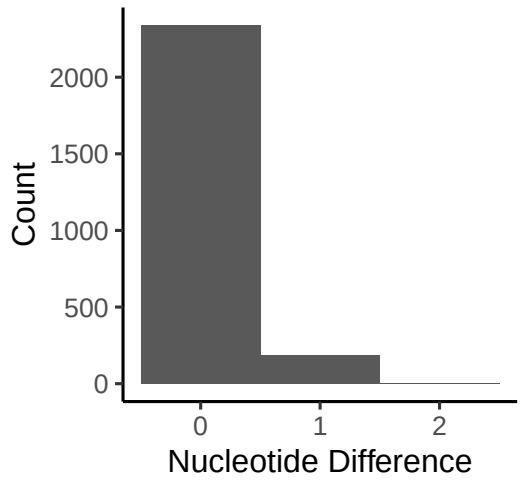
TRBV5−6*ap01

3432 sequences assigned
3402 (99.1%) exact matches, in which:
3348 unique CDR3
13 unique J



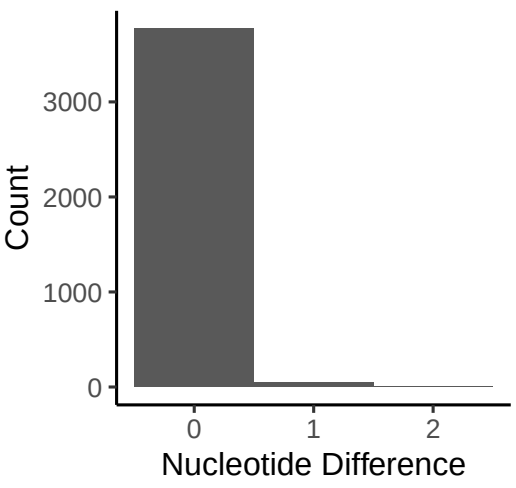
TRBV6−1*ap01

2528 sequences assigned
2338 (92.5%) exact matches, in which:
2299 unique CDR3
13 unique J



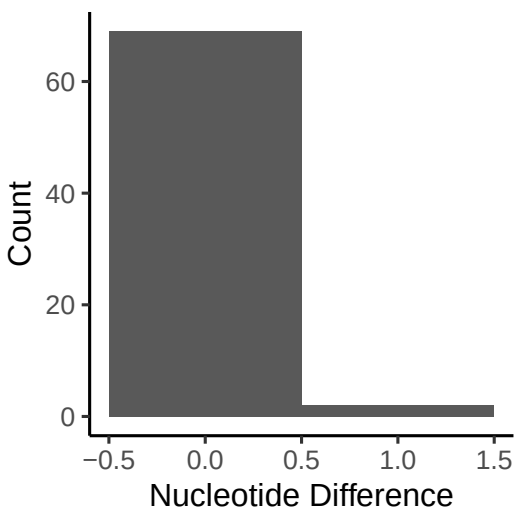
TRBV5−4*ap01

3823 sequences assigned
3770 (98.6%) exact matches, in which:
3692 unique CDR3
13 unique J



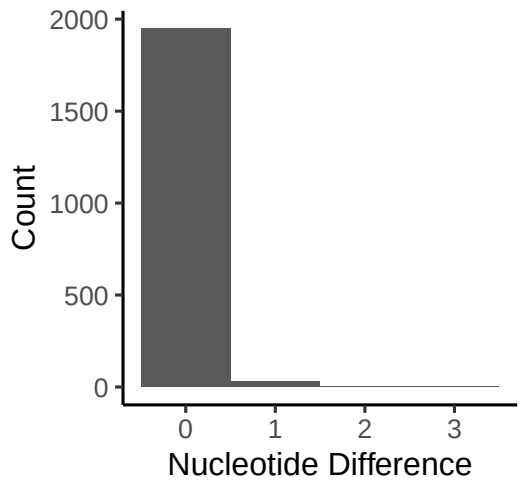
TRBV5−7*ap01

71 sequences assigned
69 (97.2%) exact matches, in which:
69 unique CDR3
13 unique J



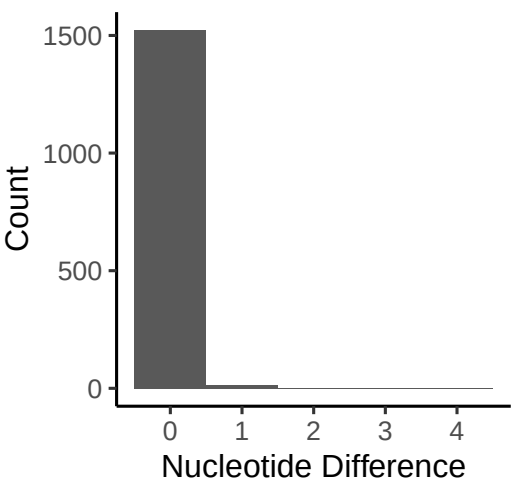
TRBV6−4*ap01

1984 sequences assigned
1948 (98.2%) exact matches, in which:
1910 unique CDR3
13 unique J



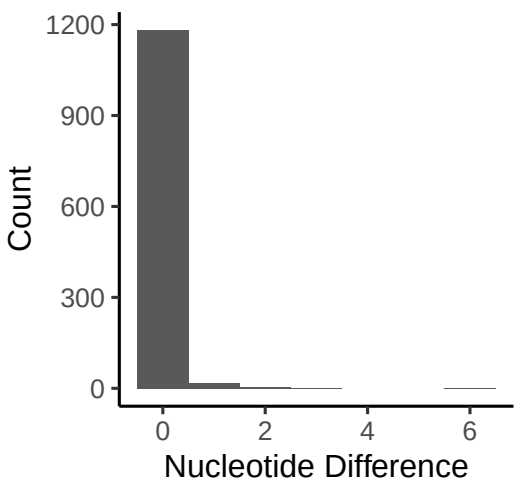
TRBV5−5*ap01

1541 sequences assigned
1523 (98.8%) exact matches, in which:
1507 unique CDR3
13 unique J



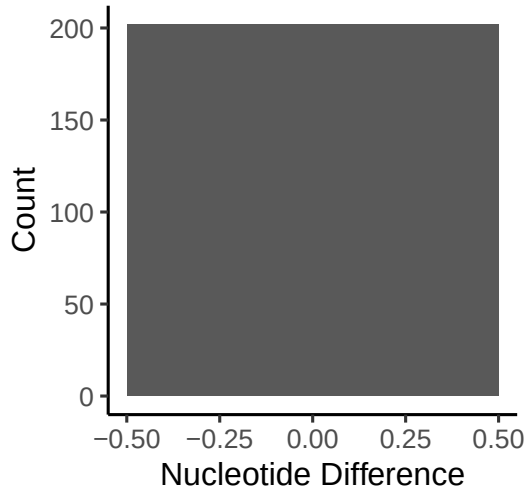
TRBV5−8*ap01

1206 sequences assigned
1182 (98%) exact matches, in which:
1158 unique CDR3
13 unique J



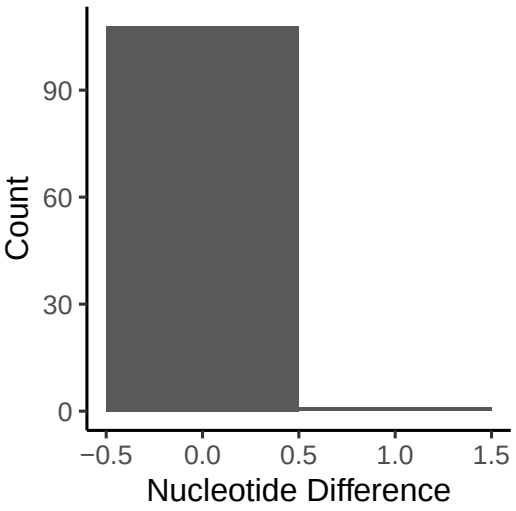
TRBV6−7*ap01

202 sequences assigned
202 (100%) exact matches, in which:
202 unique CDR3
13 unique J



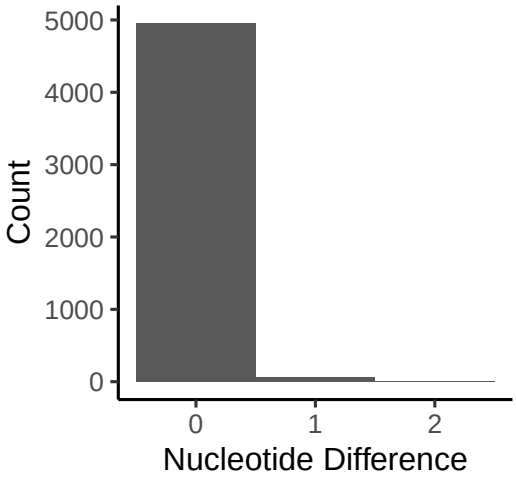
TRBV6−8*ap01

109 sequences assigned
108 (99.1%) exact matches, in which:
107 unique CDR3
12 unique J



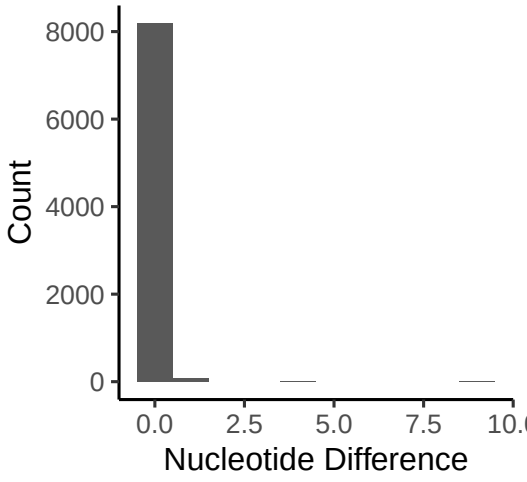
TRBV6−56*ap01

5011 sequences assigned
4952 (98.8%) exact matches, in which:
4879 unique CDR3
14 unique J



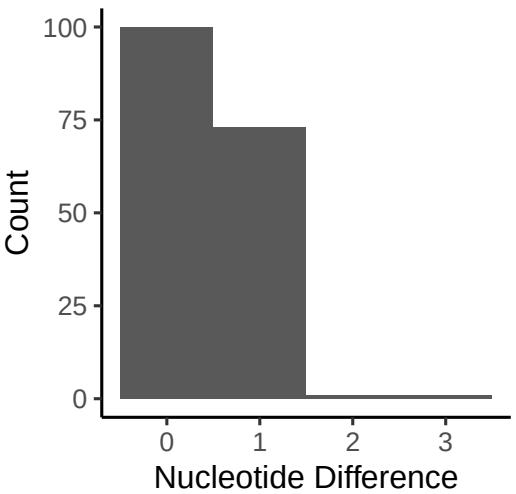
TRBV7−2*ap01

8265 sequences assigned
8187 (99.1%) exact matches, in which:
8012 unique CDR3
13 unique J



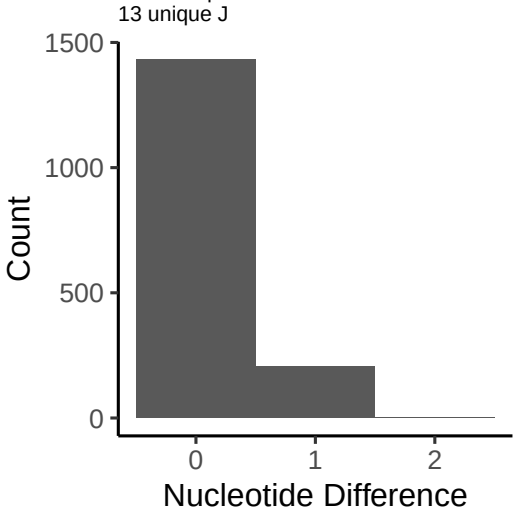
TRBV6−9*ap01

175 sequences assigned
100 (57.1%) exact matches, in which:
99 unique CDR3
13 unique J



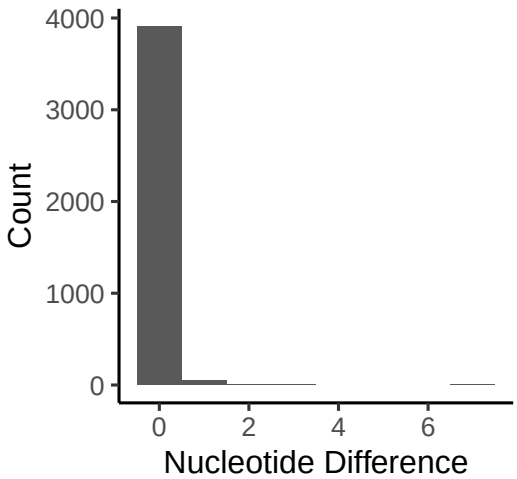
TRBV6−56*ap02

1638 sequences assigned
1431 (87.4%) exact matches, in which:
1403 unique CDR3
13 unique J



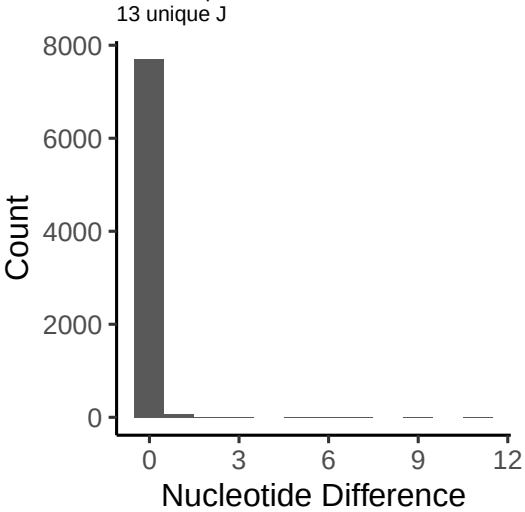
TRBV7−3*ap01

3955 sequences assigned
3905 (98.7%) exact matches, in which:
3827 unique CDR3
13 unique J



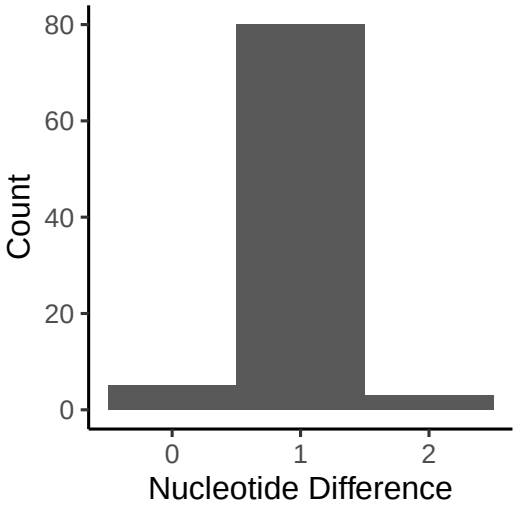
TRBV6−23*ap01

7794 sequences assigned
7703 (98.8%) exact matches, in which:
7563 unique CDR3
13 unique J



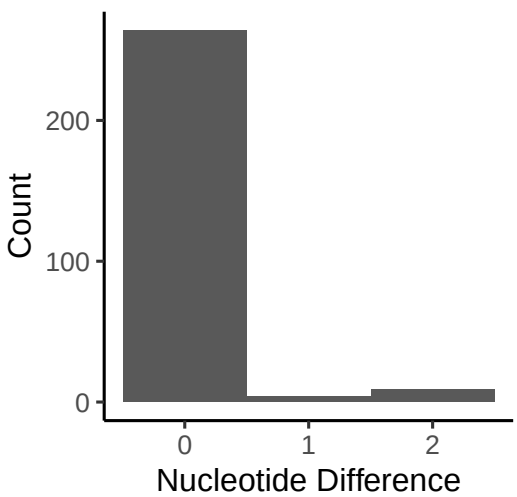
TRBV7−1*ap01_T296C

88 sequences assigned
5 (5.7%) exact matches, in which:
5 unique CDR3
3 unique J



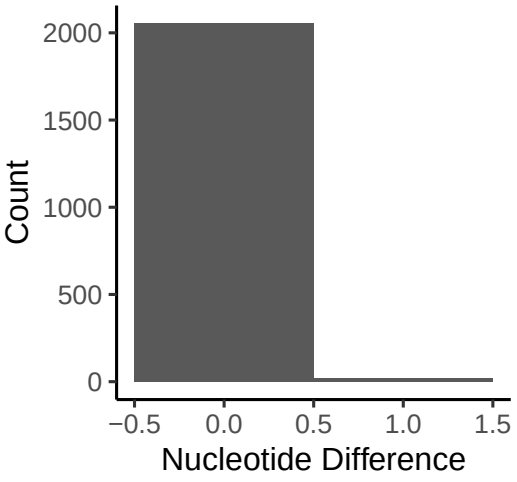
TRBV7−4*ap01

277 sequences assigned
264 (95.3%) exact matches, in which:
256 unique CDR3
13 unique J



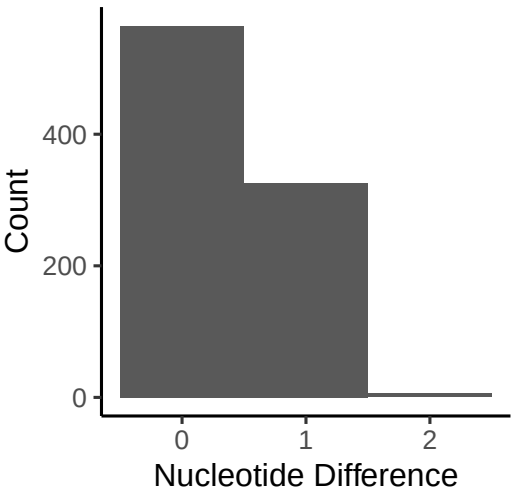
TRBV7−6*ap01

2075 sequences assigned
2054 (99%) exact matches, in which:
2010 unique CDR3
13 unique J



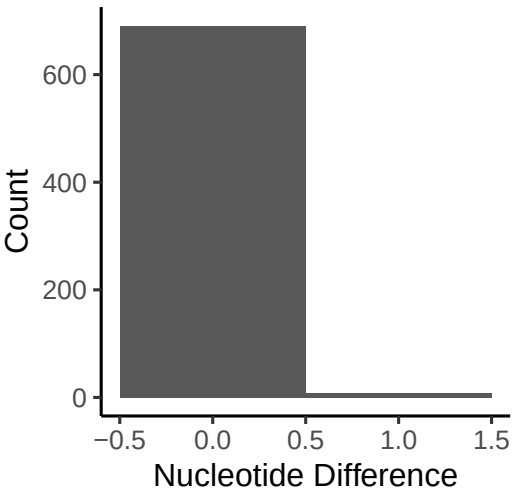
TRBV7−8*ap03

897 sequences assigned
565 (63%) exact matches, in which:
554 unique CDR3
13 unique J



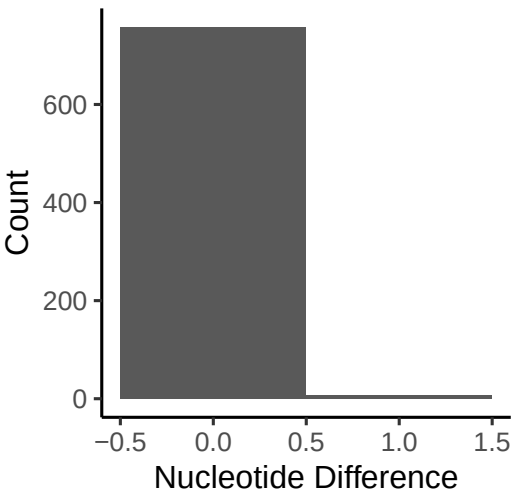
TRBV29−1*ap02

699 sequences assigned
691 (98.9%) exact matches, in which:
682 unique CDR3
13 unique J



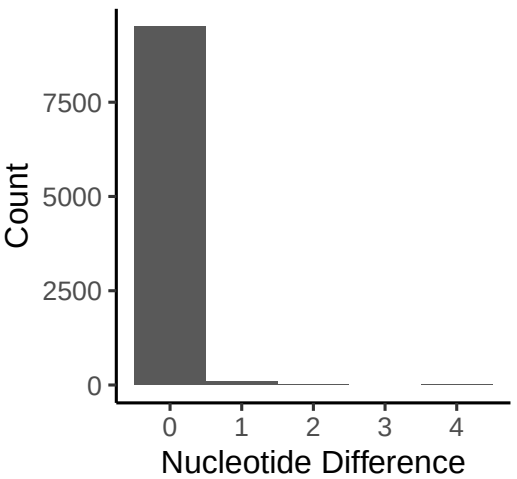
TRBV7−7*ap01_C315T

765 sequences assigned
758 (99.1%) exact matches, in which:
744 unique CDR3
13 unique J



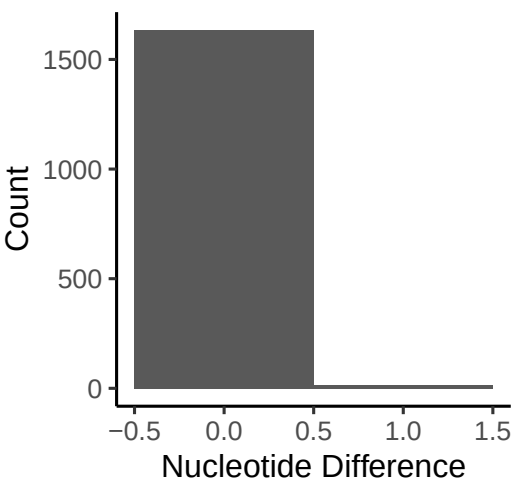
TRBV7−9*ap01

9602 sequences assigned
9502 (99%) exact matches, in which:
9332 unique CDR3
13 unique J



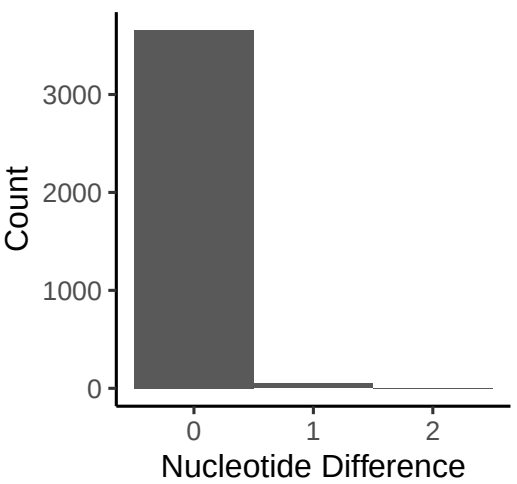
TRBV7−8*ap01

1648 sequences assigned
1634 (99.2%) exact matches, in which:
1595 unique CDR3
13 unique J

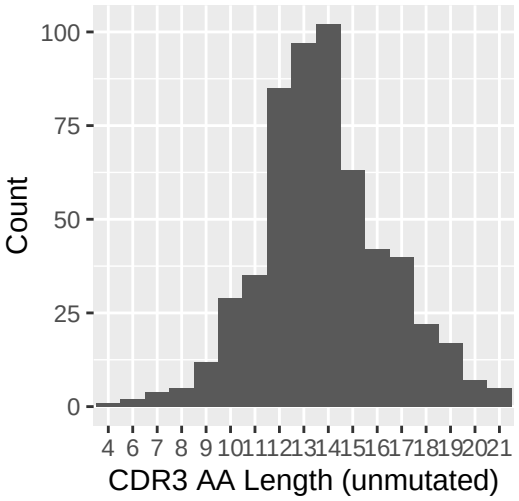


TRBV29−1*ap01

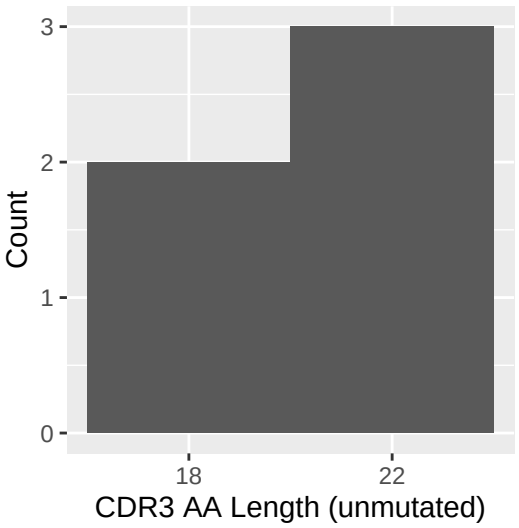
3707 sequences assigned
3658 (98.7%) exact matches, in which:
3596 unique CDR3
13 unique J



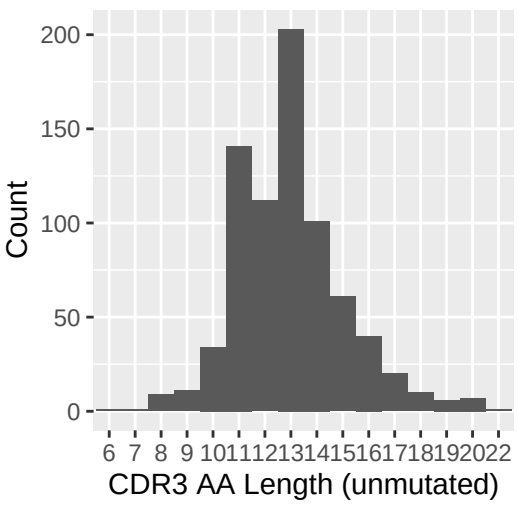
TRBV23−1*ap01_T304C



TRBV7−1*ap01_T296C



TRBV7−7*ap01_C315T



Allele Usage
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100
75
50
25
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TRBJ1−1
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TRBJ2−6
TRBJ2−7
TRBJ2−2P
Gene
01
02

Warning − no inferred sequences found.

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