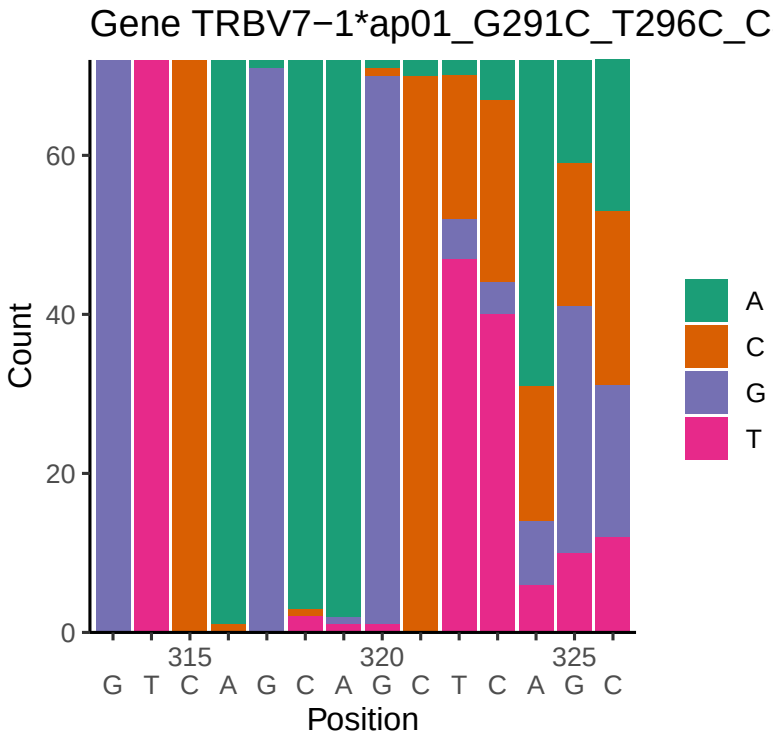
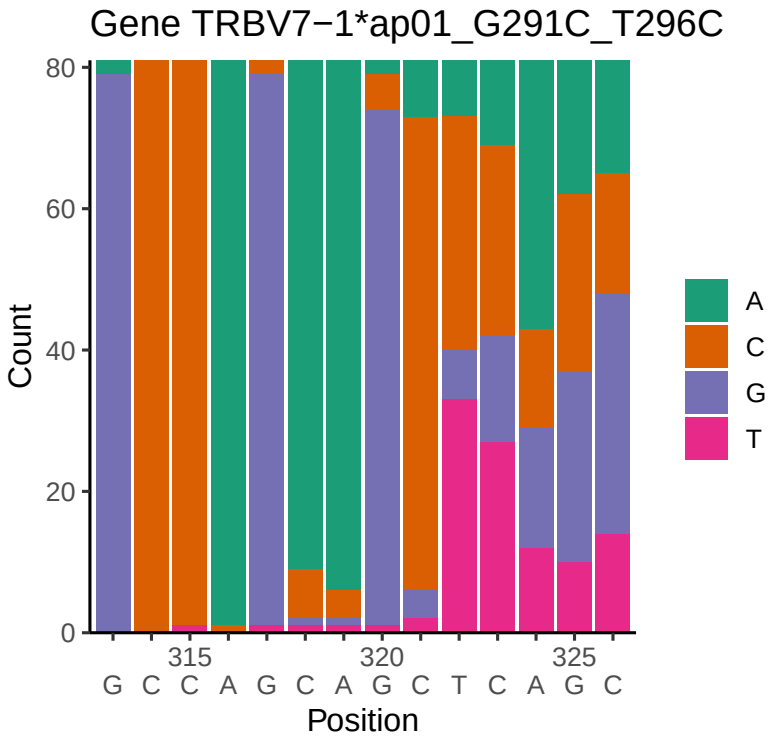
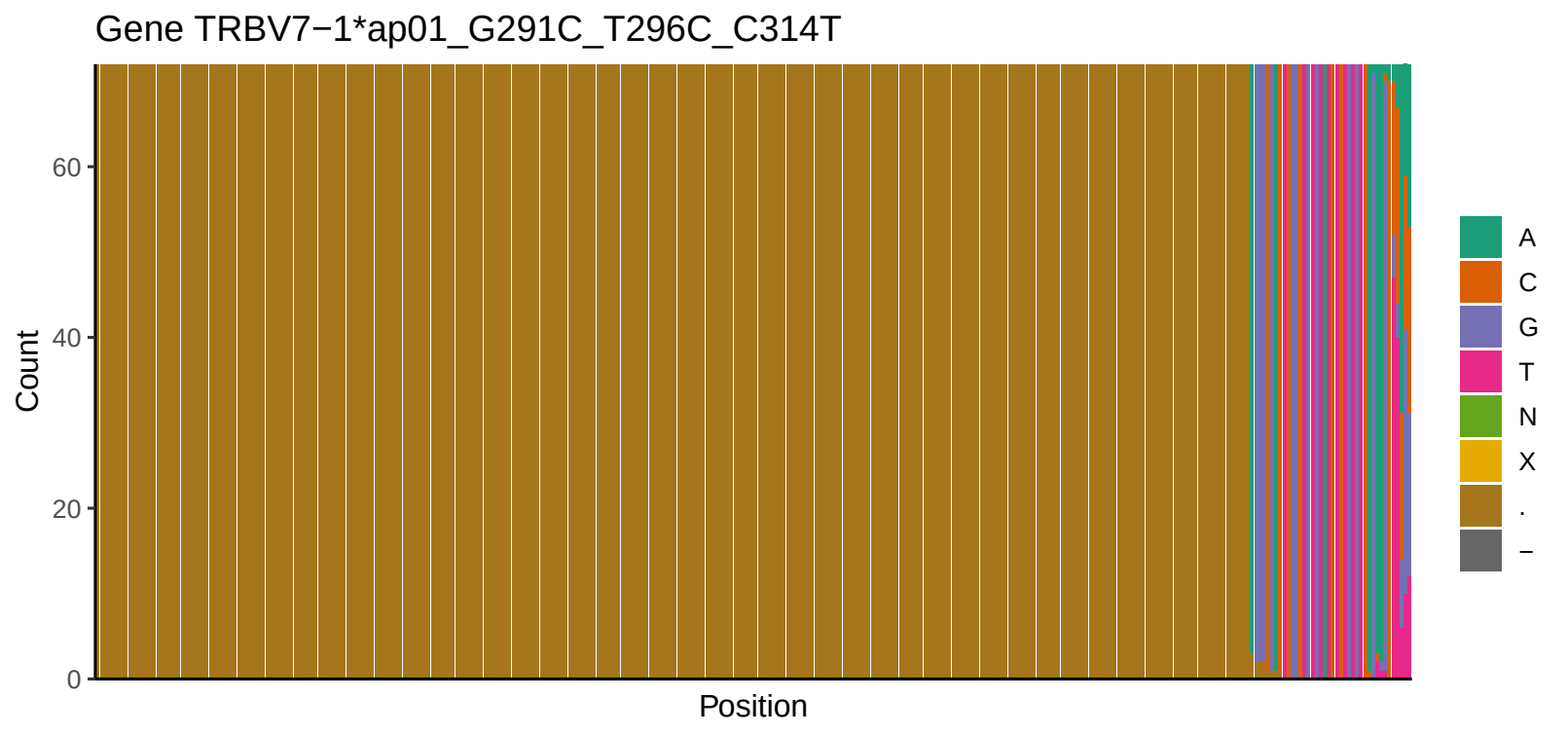
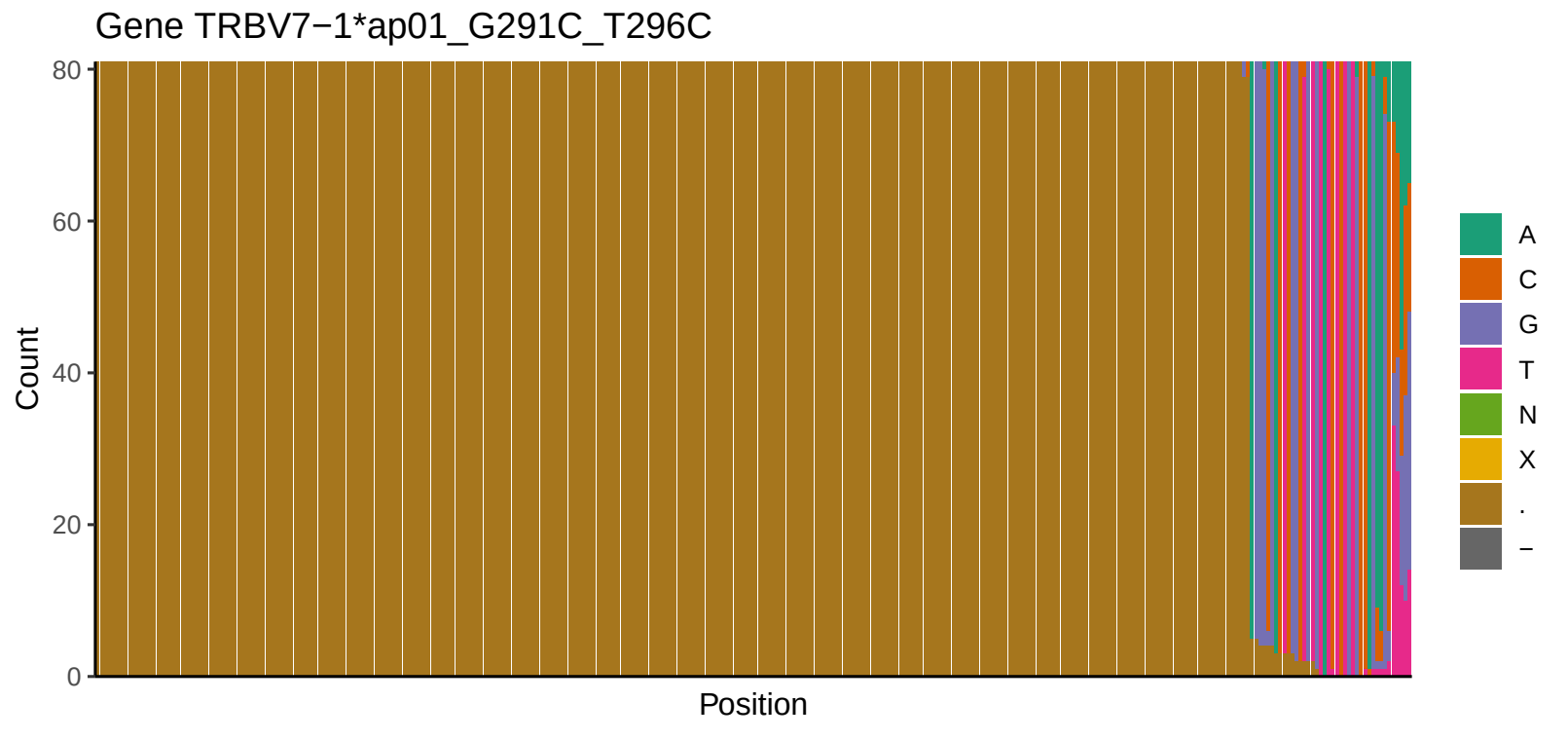
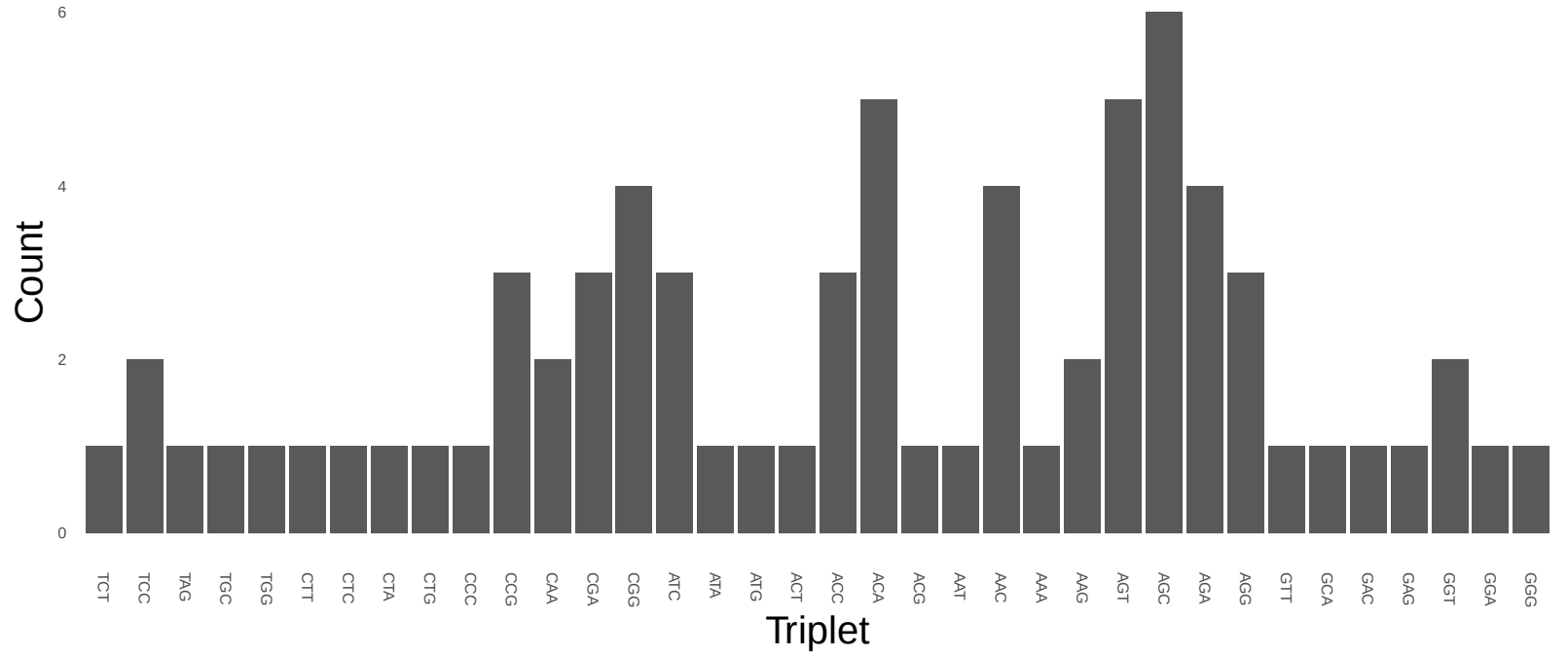

Gene TRBV7−1*ap01_G291C_T296C_C314T
Count
0
20
40
60
315
320
325
G T C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−1*ap01_G291C_T296C
Count
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

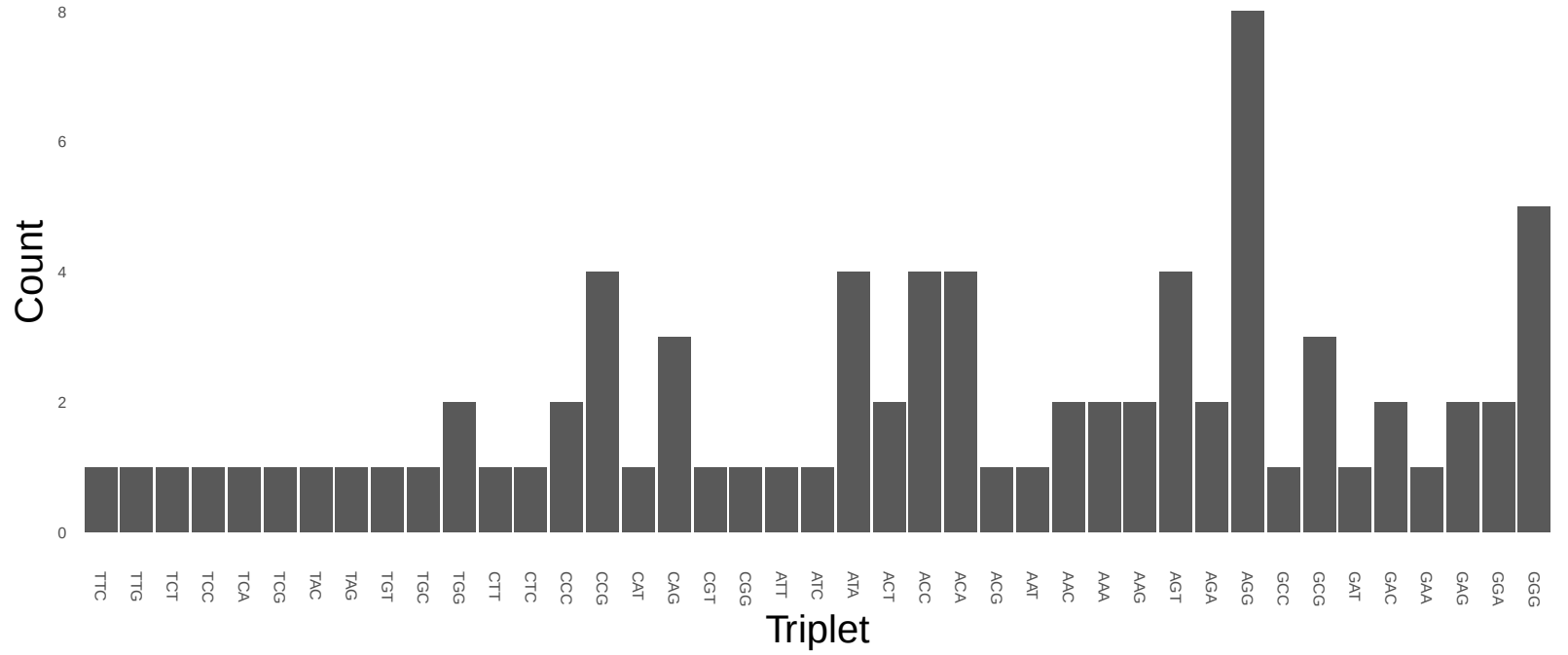

Gene TRBV7−1*ap01_G291C_T296C_C314T
Count
0
20
40
60
Position
A
C
G
T
N
X
.
–


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

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

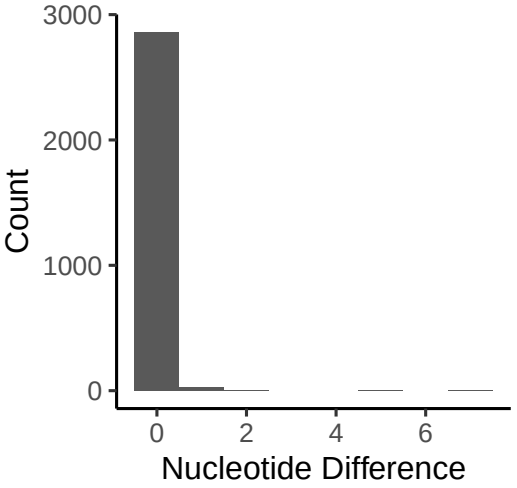


TRBV7−1*ap01_G291C_T296C− Final 3 nucleotides as a triplet



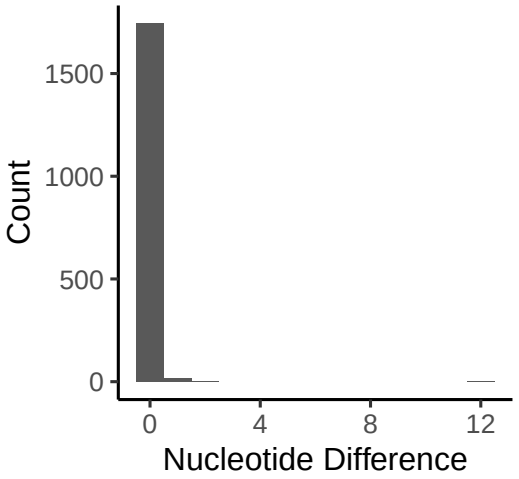
TRBV10−1*ap01

2889 sequences assigned
2858 (98.9%) exact matches, in which:
2786 unique CDR3
13 unique J



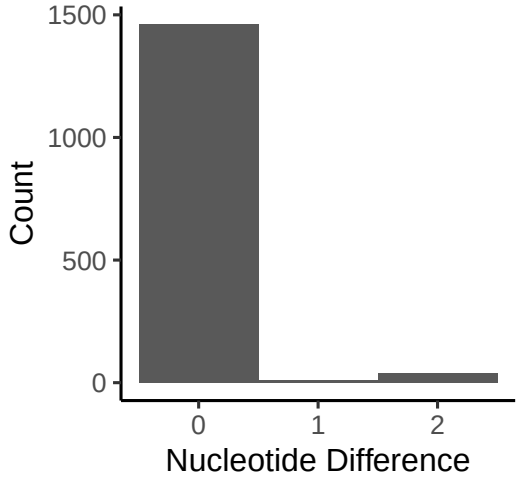
TRBV10−2*ap01

1762 sequences assigned
1744 (99%) exact matches, in which:
1706 unique CDR3
13 unique J



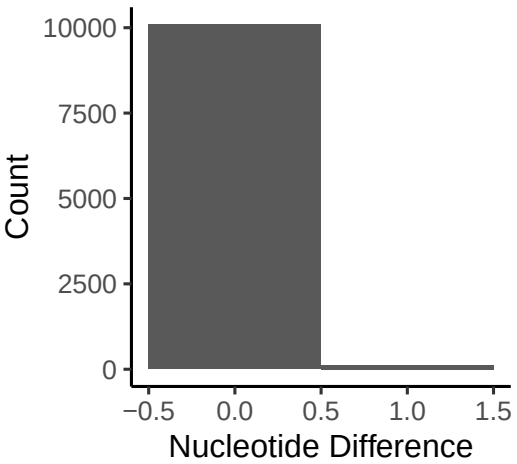
TRBV13*ap01

1511 sequences assigned
1461 (96.7%) exact matches, in which:
1415 unique CDR3
13 unique J



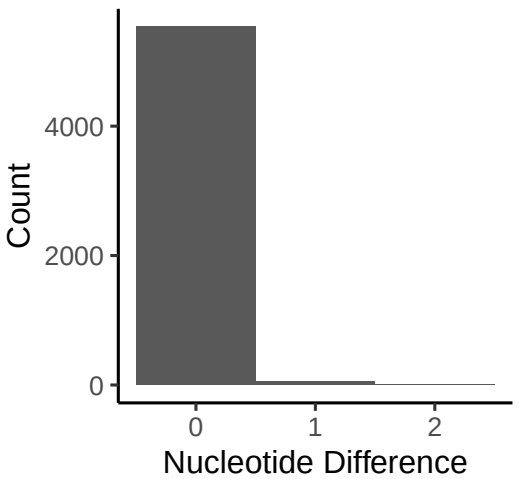
TRBV20−1*ap01

10217 sequences assigned
10095 (98.8%) exact matches, in which:
9907 unique CDR3
13 unique J



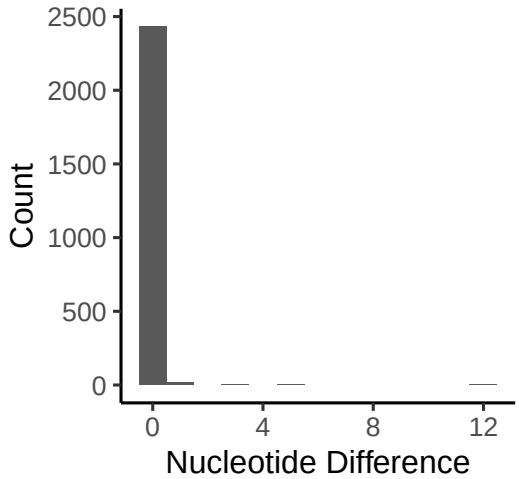
TRBV10−3*ap01

5594 sequences assigned
5536 (99%) exact matches, in which:
5410 unique CDR3
13 unique J



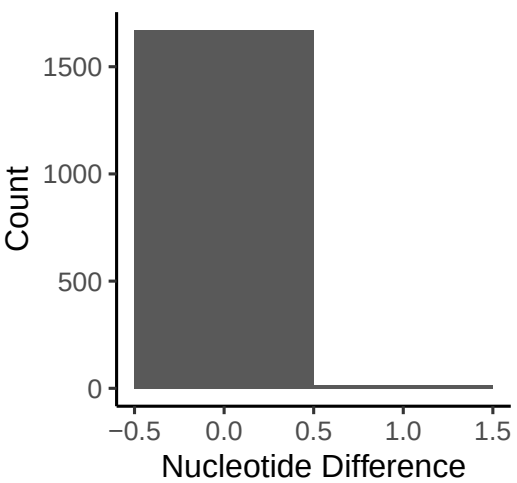
TRBV14*ap01

2448 sequences assigned
2431 (99.3%) exact matches, in which:
2385 unique CDR3
13 unique J



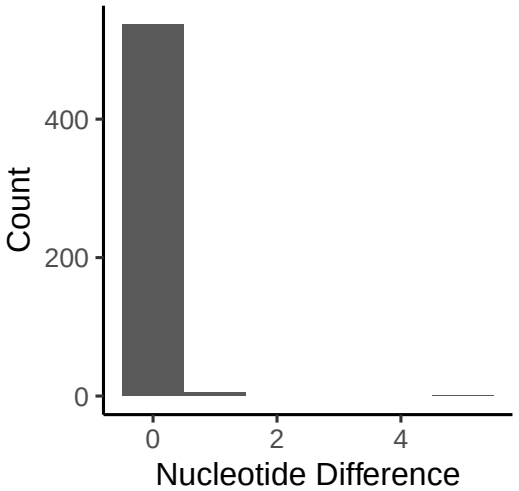
TRBV20−1*ap02

1686 sequences assigned
1671 (99.1%) exact matches, in which:
1634 unique CDR3
13 unique J



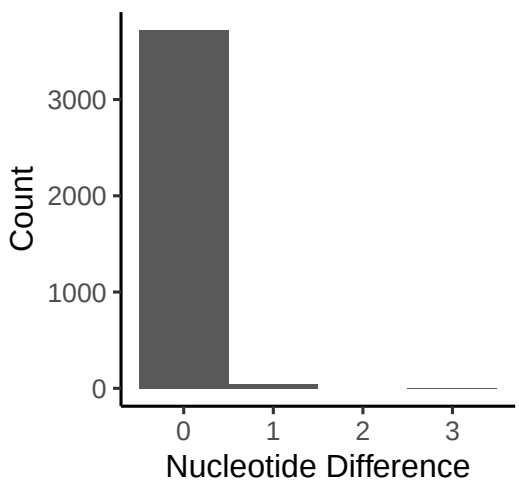
TRBV1*ap01

543 sequences assigned
537 (98.9%) exact matches, in which:
522 unique CDR3
13 unique J



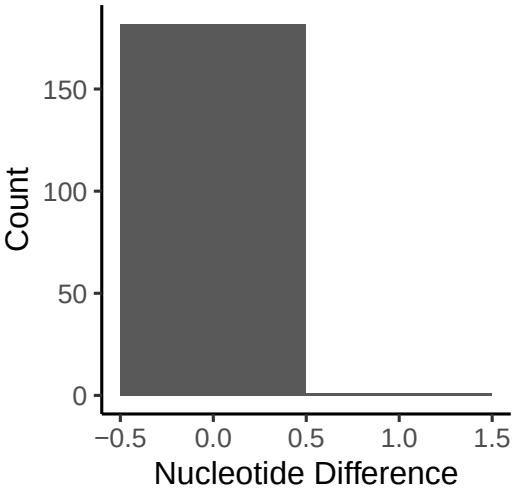
TRBV15*ap02

3765 sequences assigned
3722 (98.9%) exact matches, in which:
3647 unique CDR3
13 unique J



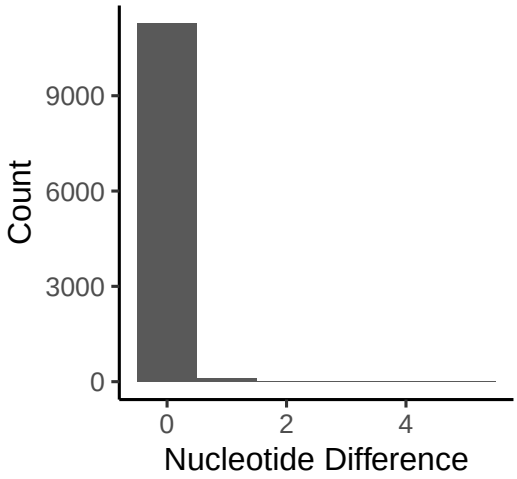
TRBV16*ap01

183 sequences assigned
182 (99.5%) exact matches, in which:
181 unique CDR3
13 unique J



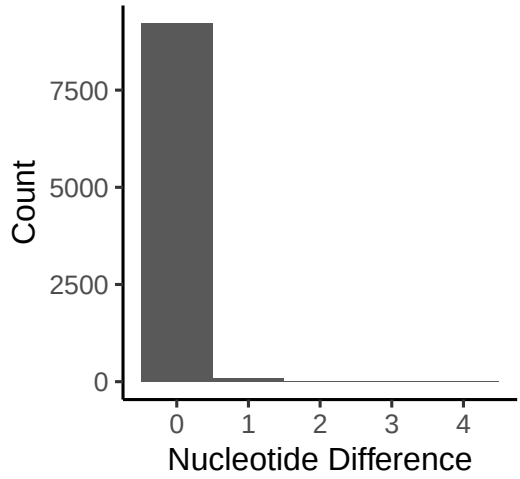
TRBV2*ap01

11398 sequences assigned
11276 (98.9%) exact matches, in which:
11035 unique CDR3
13 unique J



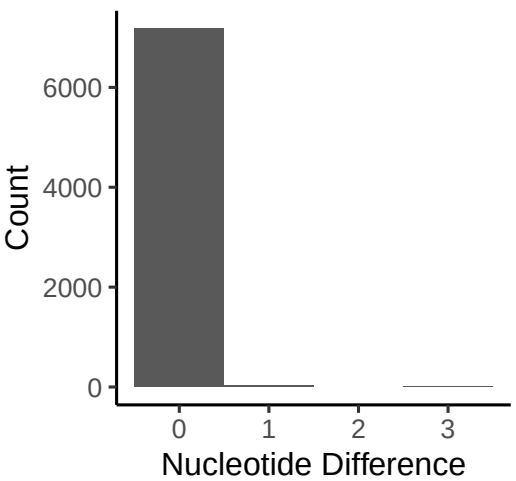
TRBV28*ap01

9307 sequences assigned
9216 (99%) exact matches, in which:
9040 unique CDR3
13 unique J



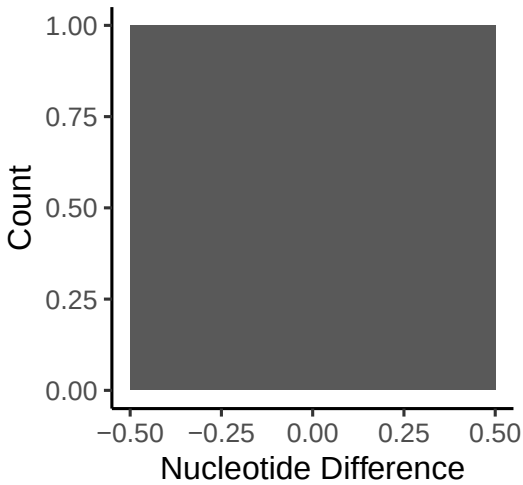
TRBV18*ap01

7205 sequences assigned
7175 (99.6%) exact matches, in which:
7105 unique CDR3
13 unique J



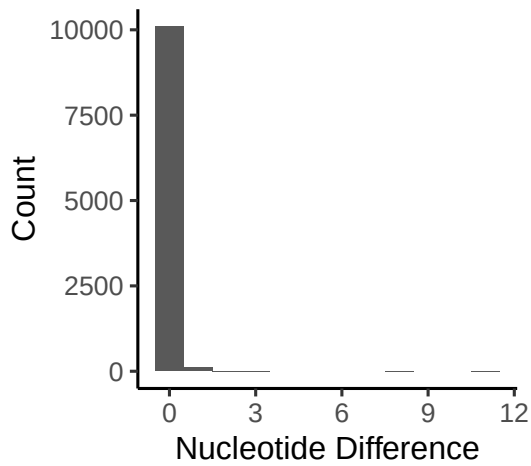
TRBV26*ap01

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



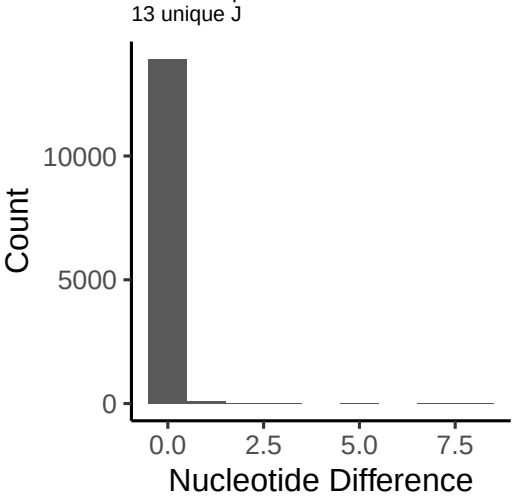
TRBV30*ap01

10227 sequences assigned
10098 (98.7%) exact matches, in which:
9963 unique CDR3
13 unique J



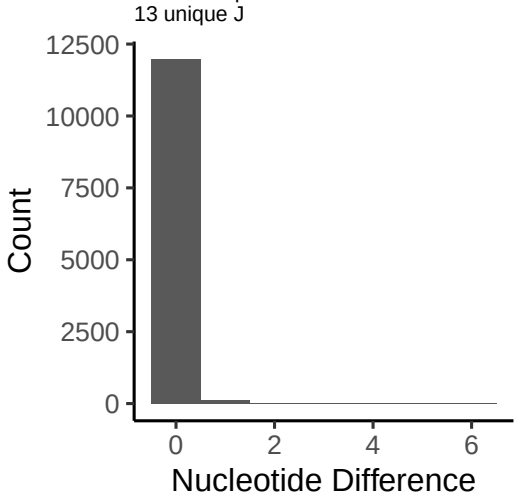
TRBV19*ap01

14055 sequences assigned
13927 (99.1%) exact matches, in which:
13805 unique CDR3
13 unique J



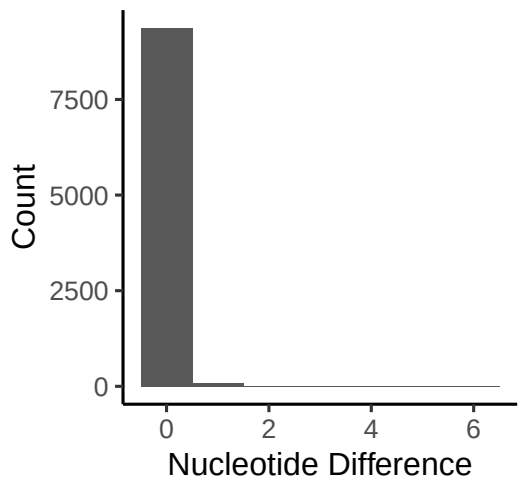
TRBV27*ap01

12116 sequences assigned
11988 (98.9%) exact matches, in which:
11644 unique CDR3
13 unique J



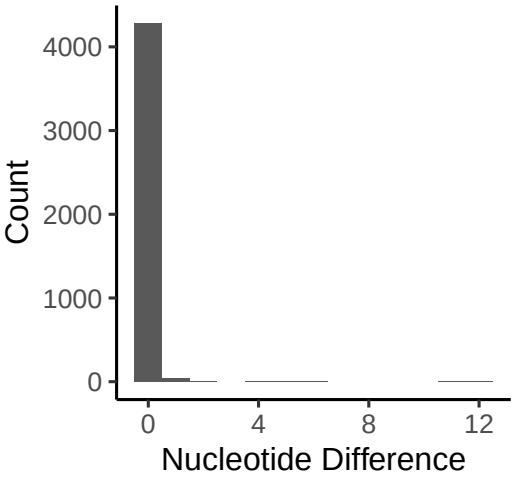
TRBV9*ap01

9464 sequences assigned
9367 (99%) exact matches, in which:
9189 unique CDR3
13 unique J



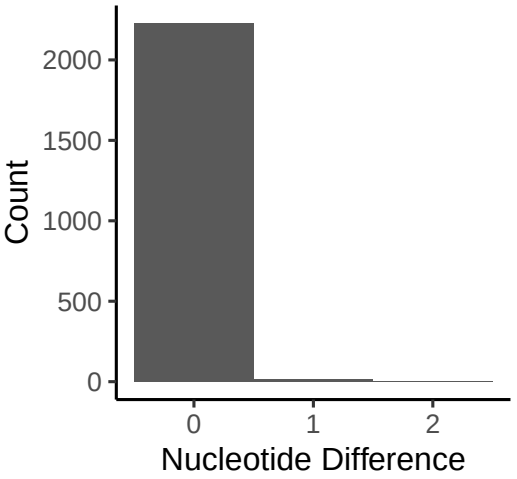
TRBV21−1*ap01

4332 sequences assigned
4280 (98.8%) exact matches, in which:
4232 unique CDR3
13 unique J



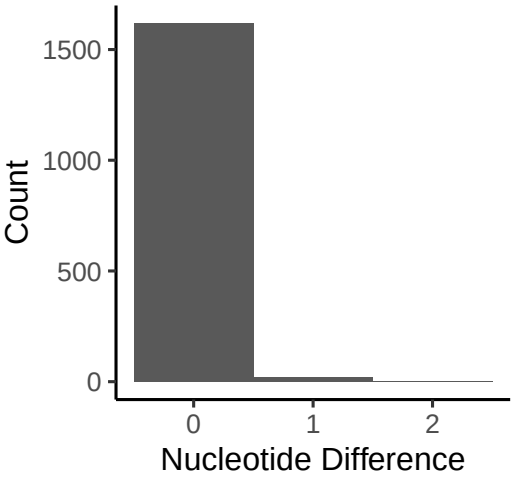
TRBV11−3*ap01

2242 sequences assigned
2227 (99.3%) exact matches, in which:
2200 unique CDR3
13 unique J



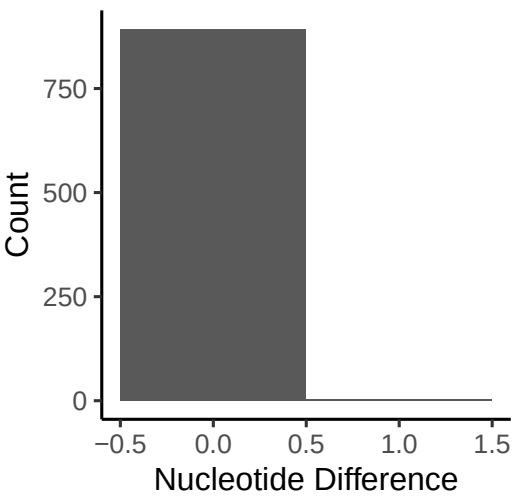
TRBV12−5*ap01

1642 sequences assigned
1618 (98.5%) exact matches, in which:
1584 unique CDR3
13 unique J



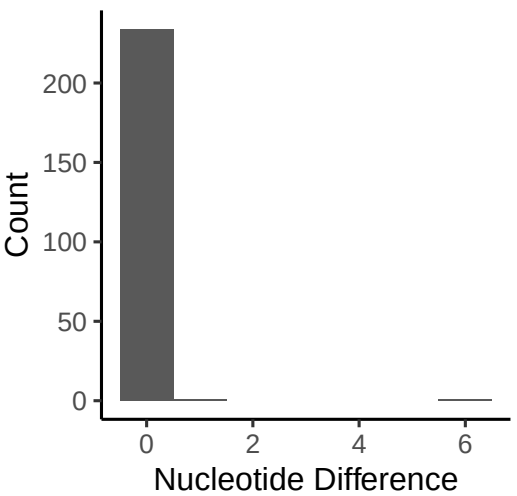
TRBV11−1*ap01

896 sequences assigned
893 (99.7%) exact matches, in which:
878 unique CDR3
13 unique J



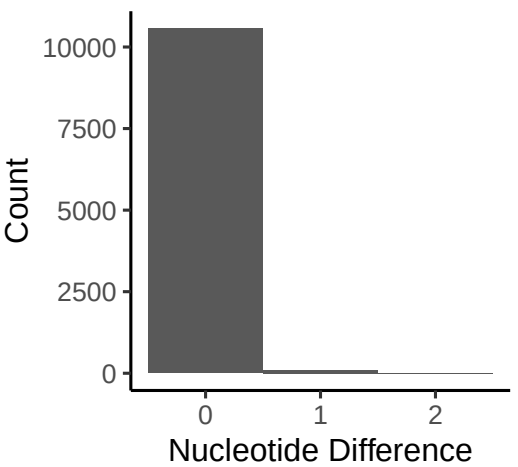
TRBV12−1*ap01

236 sequences assigned
234 (99.2%) exact matches, in which:
226 unique CDR3
13 unique J



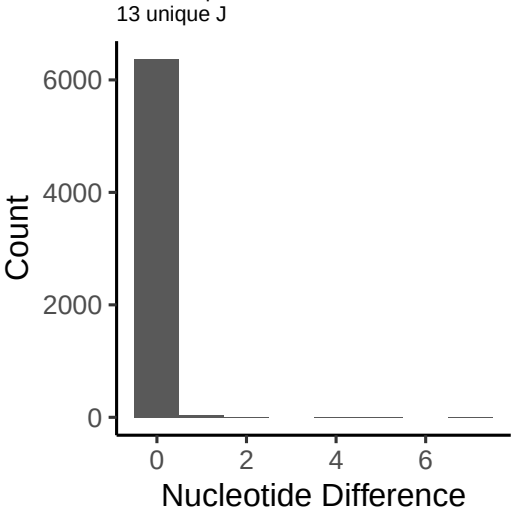
TRBV12−34*ap01

10665 sequences assigned
10568 (99.1%) exact matches, in which:
10353 unique CDR3
13 unique J



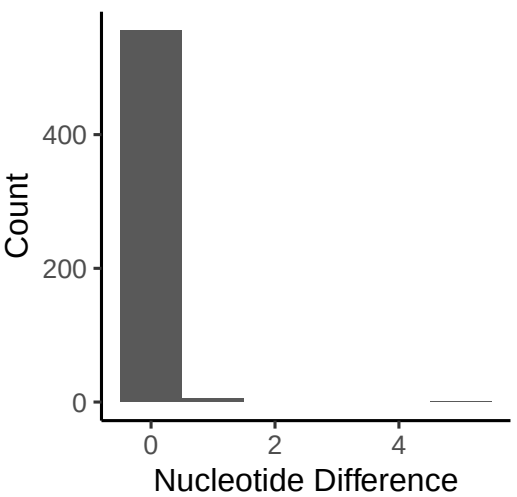
TRBV11−2*ap01

6419 sequences assigned
6371 (99.3%) exact matches, in which:
6259 unique CDR3
13 unique J



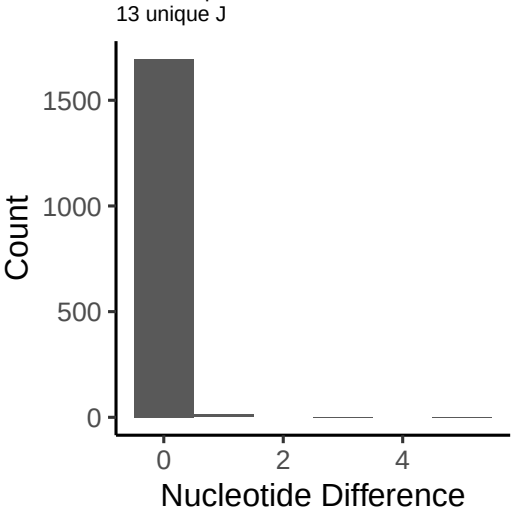
TRBV12−2*ap01

562 sequences assigned
556 (98.9%) exact matches, in which:
546 unique CDR3
13 unique J



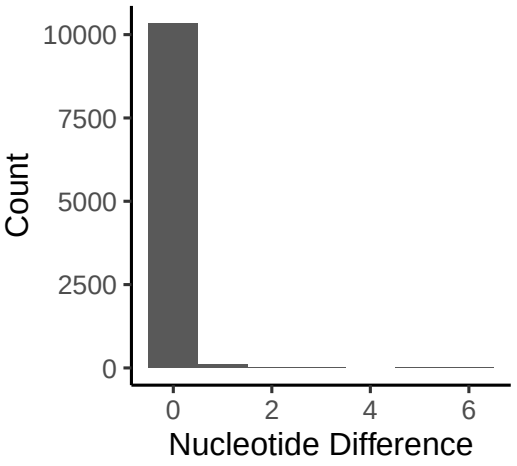
TRBV23−1*ap01

1711 sequences assigned
1695 (99.1%) exact matches, in which:
1672 unique CDR3
13 unique J



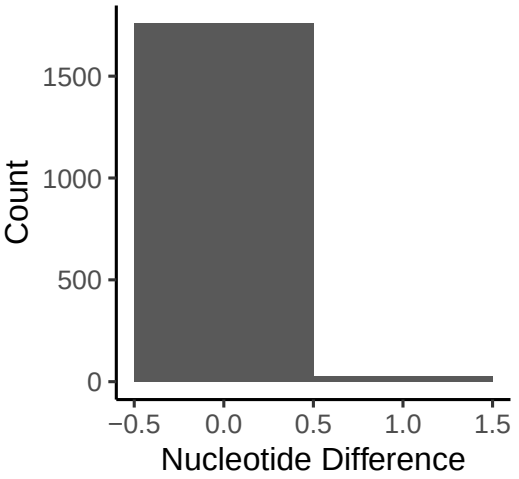
TRBV3−12*ap01

10461 sequences assigned
10344 (98.9%) exact matches, in which:
10127 unique CDR3
13 unique J



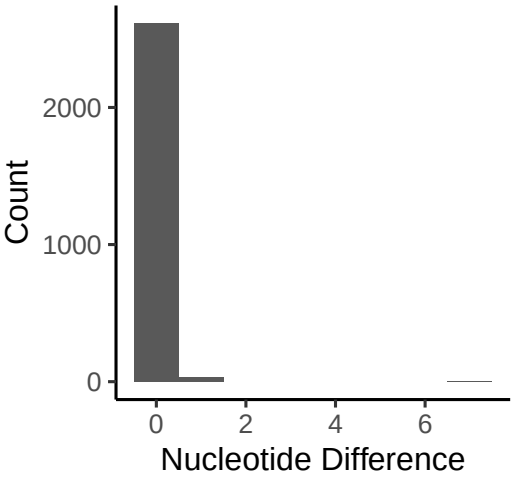
TRBV4−2*ap01

1786 sequences assigned
1759 (98.5%) exact matches, in which:
1706 unique CDR3
13 unique J



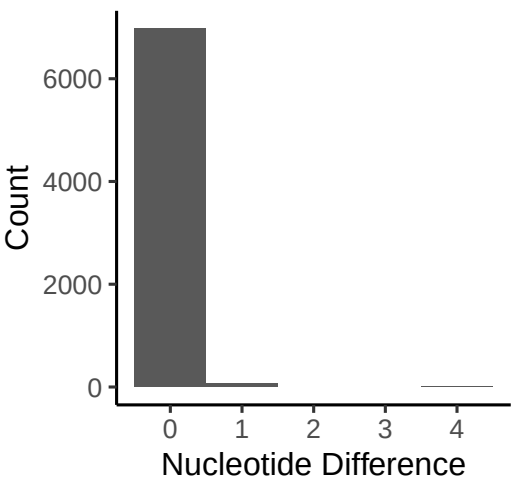
TRBV25−1*ap01

2648 sequences assigned
2613 (98.7%) exact matches, in which:
2556 unique CDR3
13 unique J



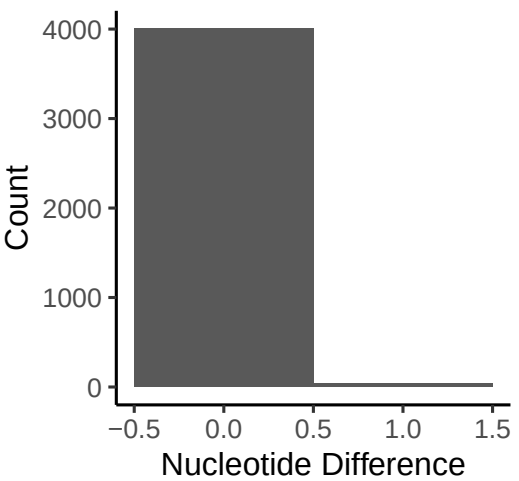
TRBV4−1*ap01

7042 sequences assigned
6973 (99%) exact matches, in which:
6823 unique CDR3
13 unique J



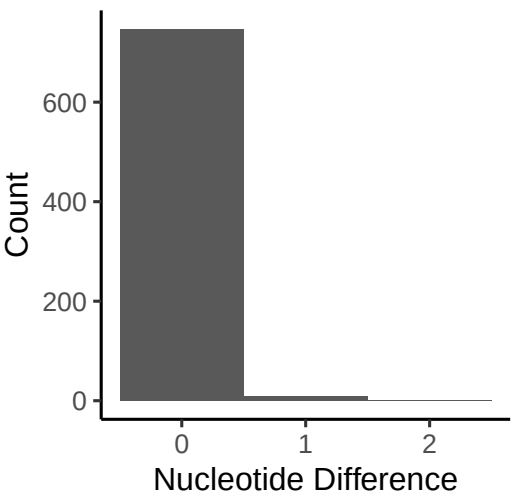
TRBV4−3*ap01

4038 sequences assigned
4004 (99.2%) exact matches, in which:
3932 unique CDR3
13 unique J



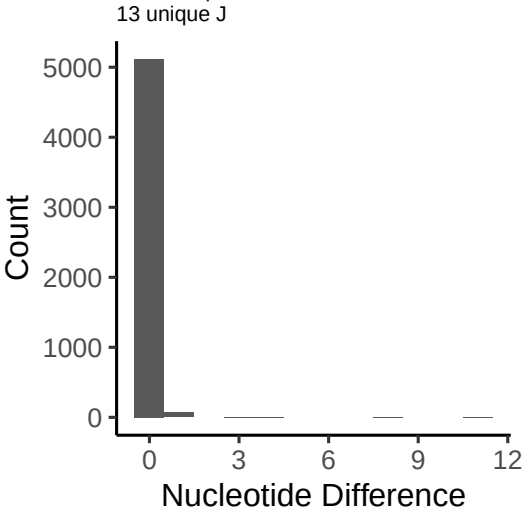
TRBV5−3*ap01

757 sequences assigned
747 (98.7%) exact matches, in which:
734 unique CDR3
13 unique J



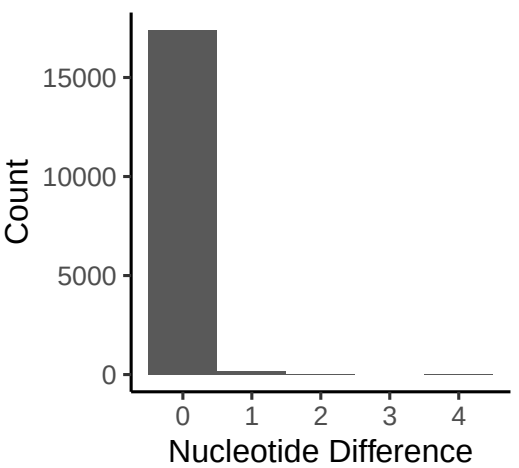
TRBV24−1*ap01

5195 sequences assigned
5117 (98.5%) exact matches, in which:
5037 unique CDR3
13 unique J



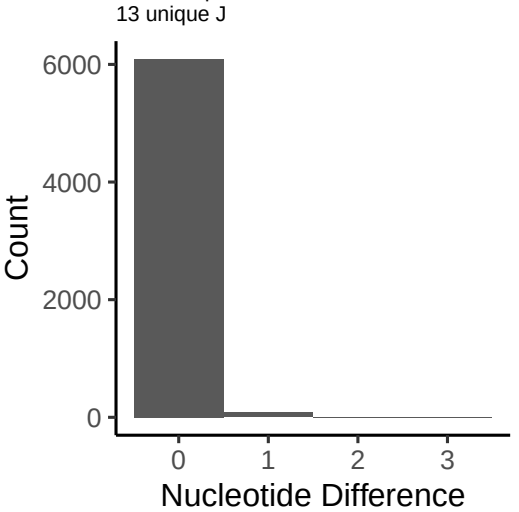
TRBV5−1*ap01

17590 sequences assigned
17409 (99%) exact matches, in which:
16989 unique CDR3
13 unique J



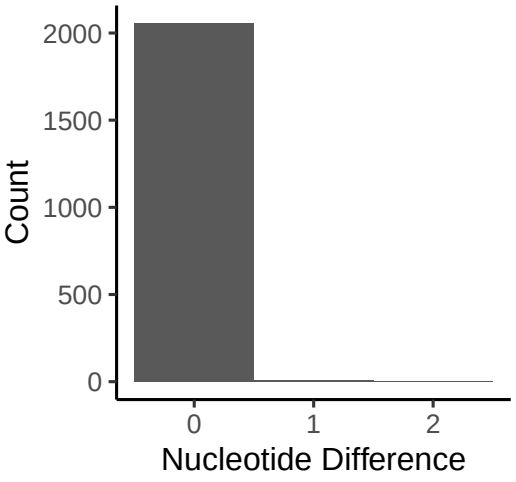
TRBV5−4*ap01

6173 sequences assigned
6091 (98.7%) exact matches, in which:
5938 unique CDR3
13 unique J



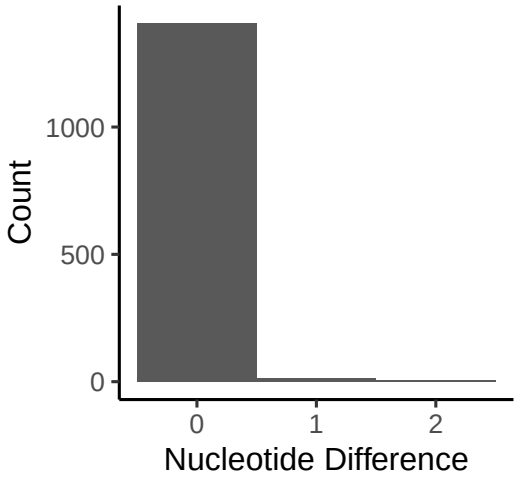
TRBV5−5*ap01

2068 sequences assigned
2055 (99.4%) exact matches, in which:
2030 unique CDR3
13 unique J



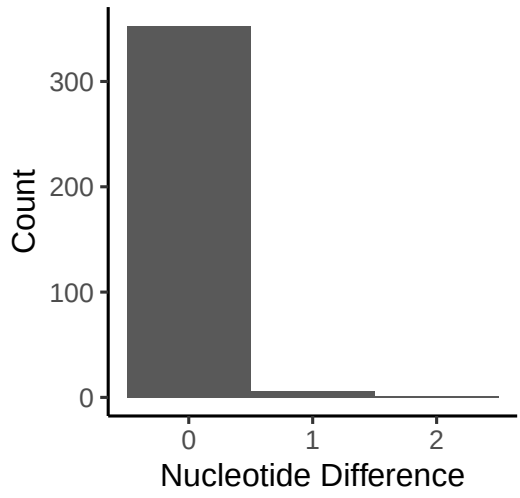
TRBV5−8*ap01

1424 sequences assigned
1407 (98.8%) exact matches, in which:
1384 unique CDR3
13 unique J



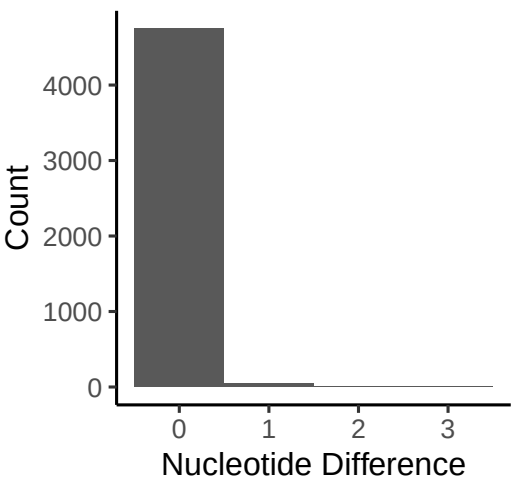
TRBV6−7*ap01

360 sequences assigned
353 (98.1%) exact matches, in which:
342 unique CDR3
13 unique J



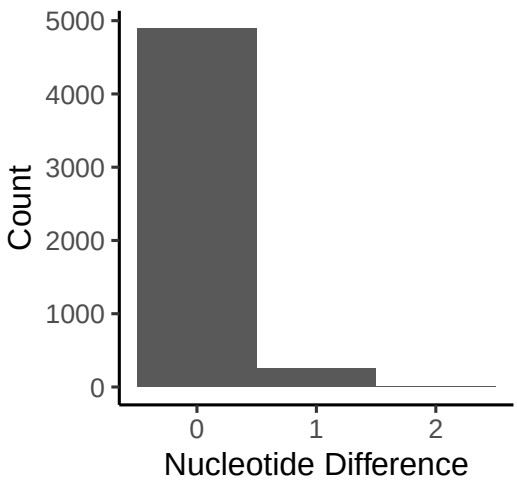
TRBV5−6*ap01

4795 sequences assigned
4746 (99%) exact matches, in which:
4602 unique CDR3
13 unique J



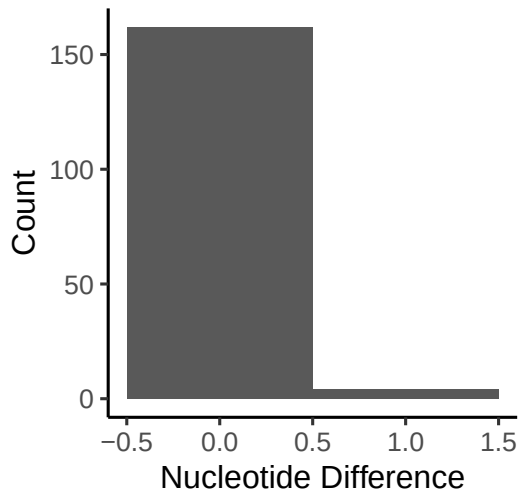
TRBV6−1*ap01

5143 sequences assigned
4890 (95.1%) exact matches, in which:
4758 unique CDR3
13 unique J



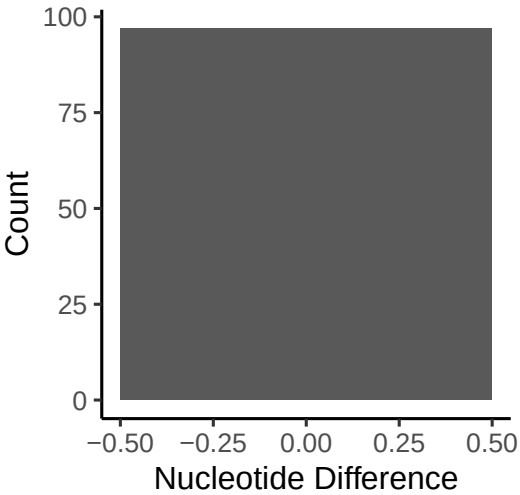
TRBV6−8*ap01

166 sequences assigned
162 (97.6%) exact matches, in which:
154 unique CDR3
13 unique J



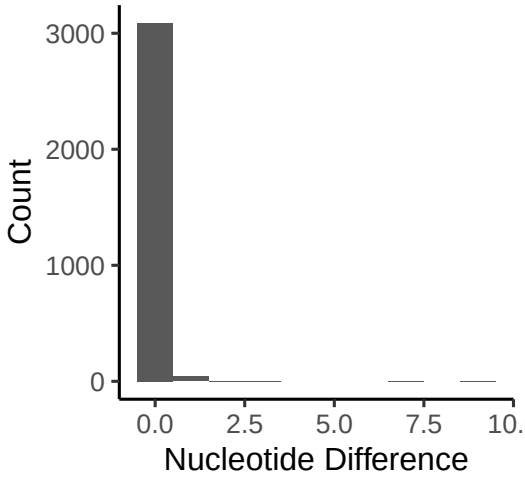
TRBV5−7*ap01

97 sequences assigned
97 (100%) exact matches, in which:
96 unique CDR3
13 unique J



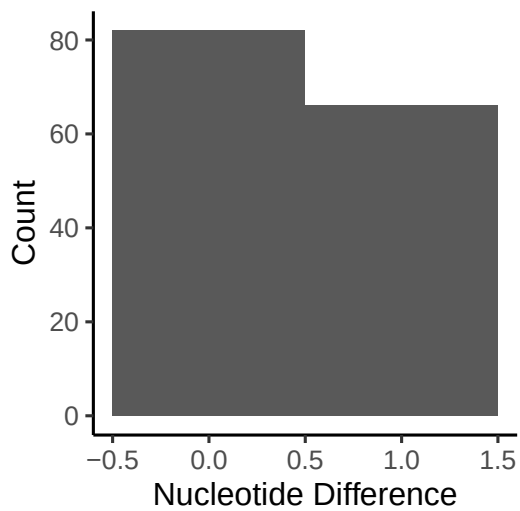
TRBV6−4*ap01

3136 sequences assigned
3088 (98.5%) exact matches, in which:
3035 unique CDR3
13 unique J



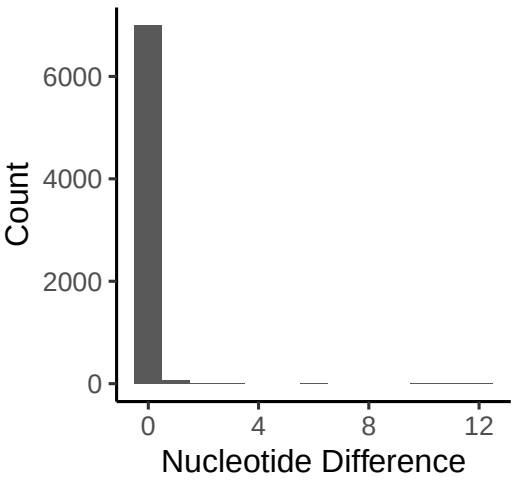
TRBV6−9*ap01

148 sequences assigned
82 (55.4%) exact matches, in which:
80 unique CDR3
12 unique J



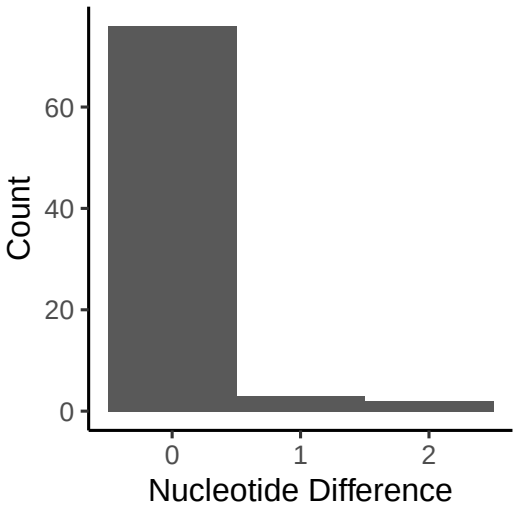
TRBV6−23*ap01

7073 sequences assigned
6996 (98.9%) exact matches, in which:
6836 unique CDR3
13 unique J



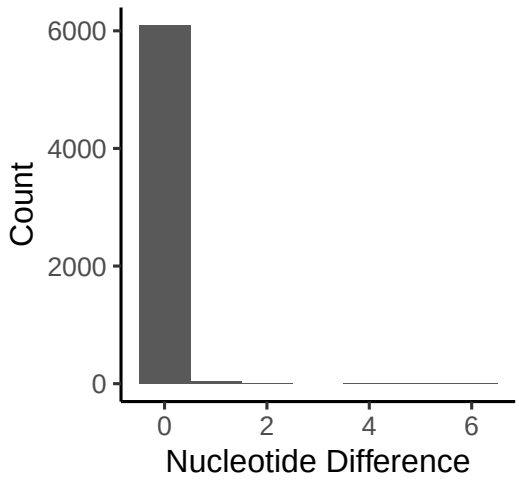
TRBV7−1*ap01_G291C_T

81 sequences assigned
76 (93.8%) exact matches, in which:
76 unique CDR3
11 unique J



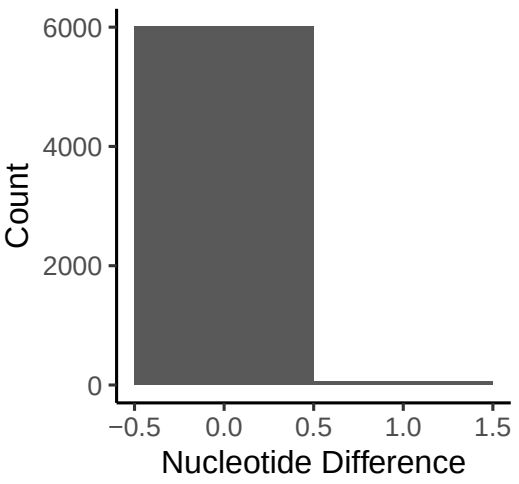
TRBV7−3*ap01

6138 sequences assigned
6092 (99.3%) exact matches, in which:
6016 unique CDR3
13 unique J



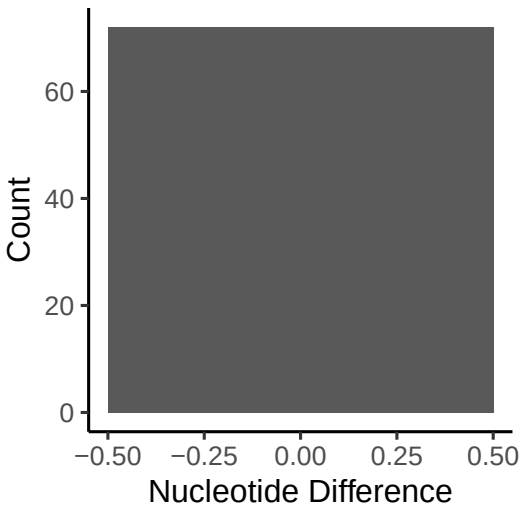
TRBV6−56*ap01

6072 sequences assigned
6007 (98.9%) exact matches, in which:
5870 unique CDR3
13 unique J



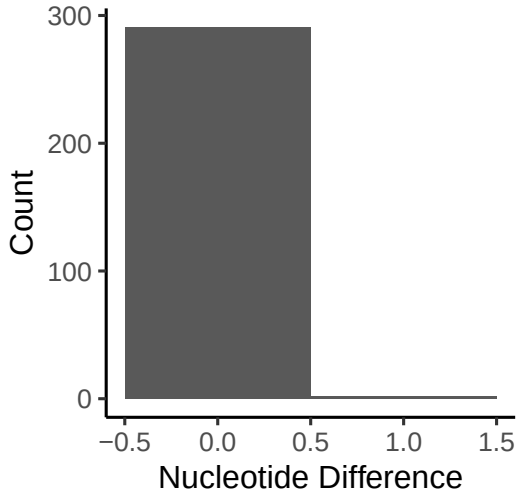
TRBV7−1*ap01_G291C_T

72 sequences assigned
72 (100%) exact matches, in which:
71 unique CDR3
12 unique J



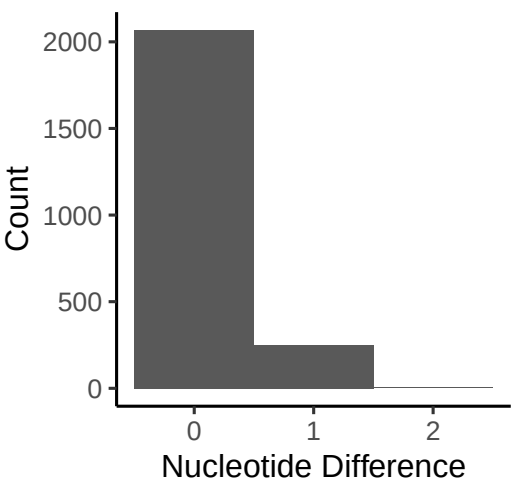
TRBV7−4*ap01

293 sequences assigned
291 (99.3%) exact matches, in which:
288 unique CDR3
13 unique J



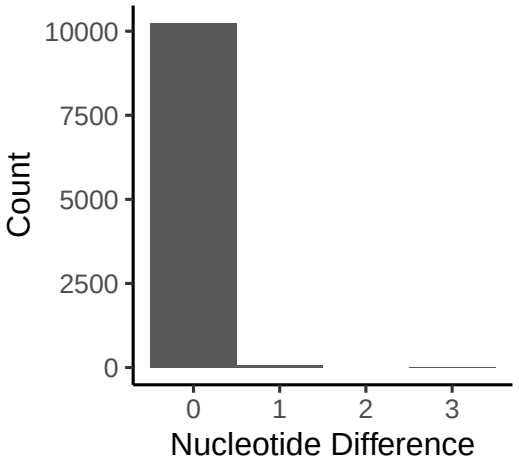
TRBV6−56*ap02

2322 sequences assigned
2068 (89.1%) exact matches, in which:
2016 unique CDR3
13 unique J



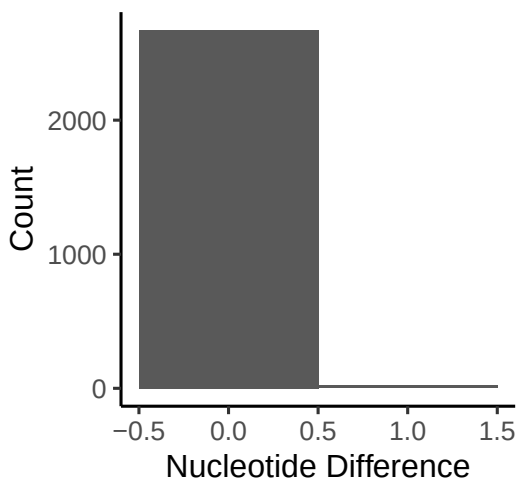
TRBV7−2*ap01

10321 sequences assigned
10249 (99.3%) exact matches, in which:
10079 unique CDR3
13 unique J



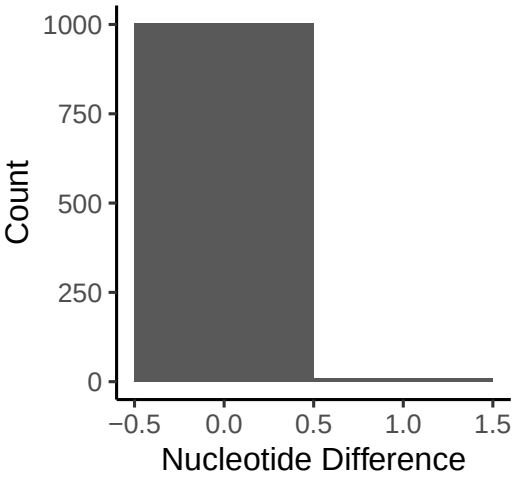
TRBV7−6*ap01

2694 sequences assigned
2672 (99.2%) exact matches, in which:
2610 unique CDR3
13 unique J



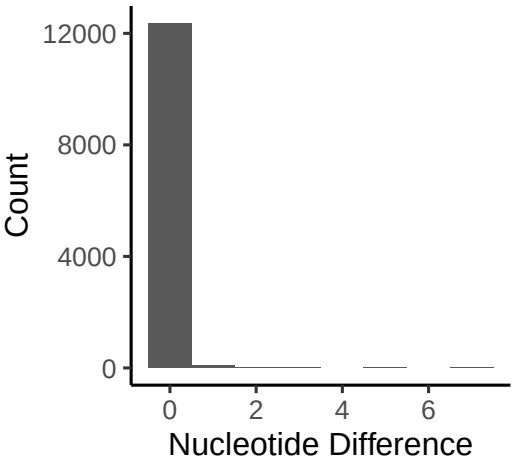
TRBV7−7*ap01

1012 sequences assigned
1003 (99.1%) exact matches, in which:
982 unique CDR3
13 unique J



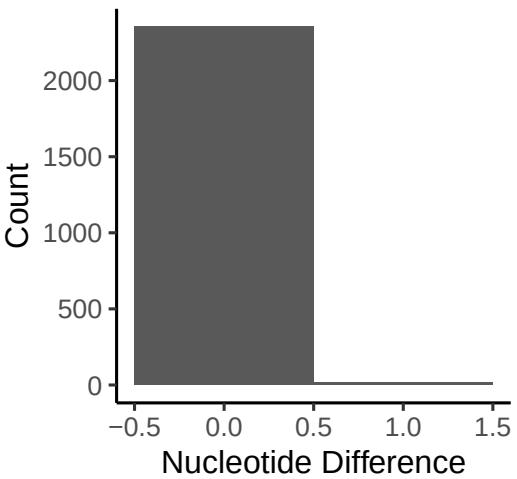
TRBV7−9*ap01

12463 sequences assigned
12367 (99.2%) exact matches, in which:
12154 unique CDR3
13 unique J



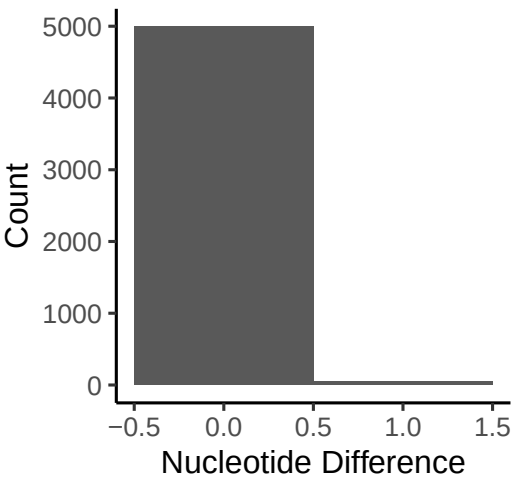
TRBV7−8*ap01

2371 sequences assigned
2354 (99.3%) exact matches, in which:
2299 unique CDR3
13 unique J



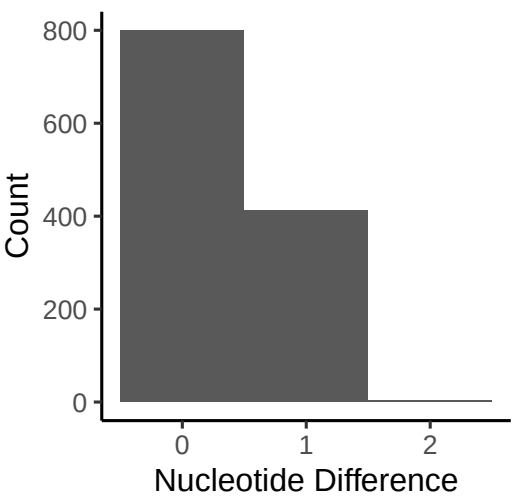
TRBV29−1*ap01

5043 sequences assigned
4993 (99%) exact matches, in which:
4901 unique CDR3
13 unique J



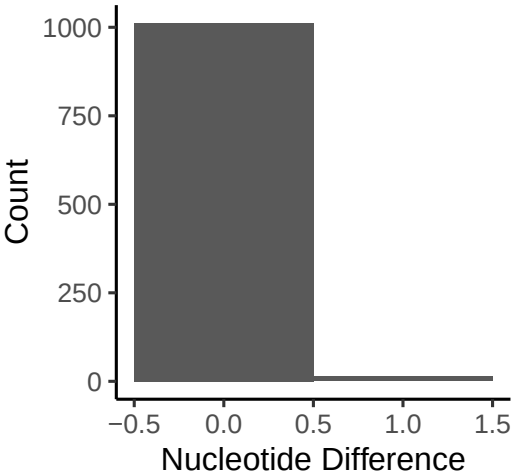
TRBV7−8*ap03

1217 sequences assigned
800 (65.7%) exact matches, in which:
779 unique CDR3
13 unique J

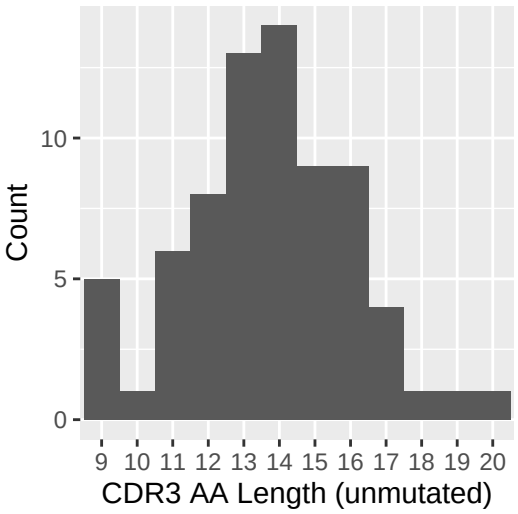


TRBV29−1*ap02

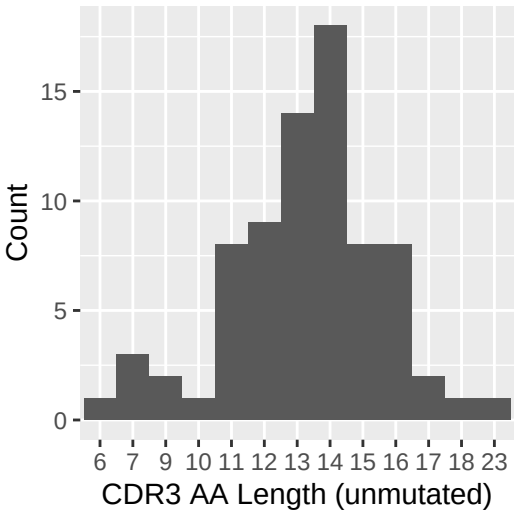
1026 sequences assigned
1012 (98.6%) exact matches, in which:
988 unique CDR3
13 unique J

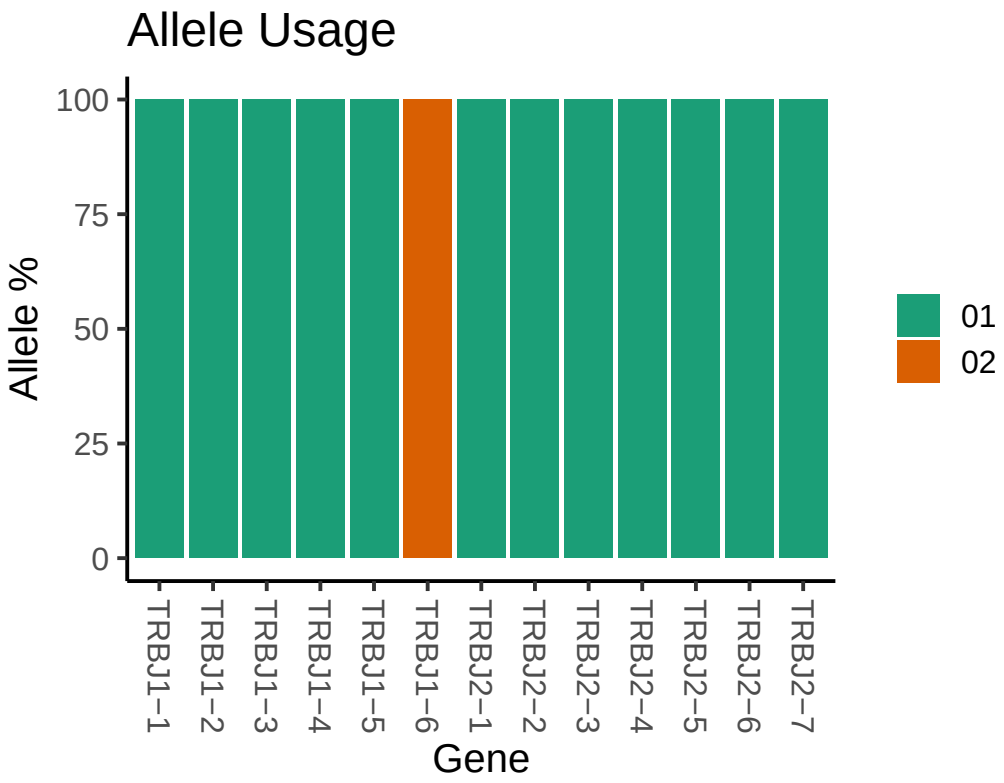


TRBV7−1*ap01_G291C_T296C_C314T



TRBV7−1*ap01_G291C_T296C




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
Gene
01
02

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.