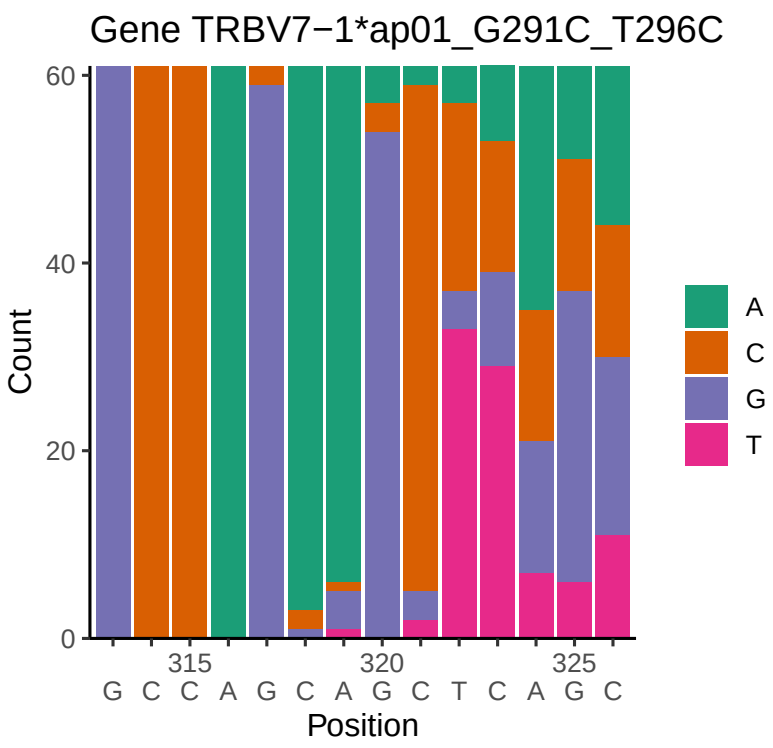
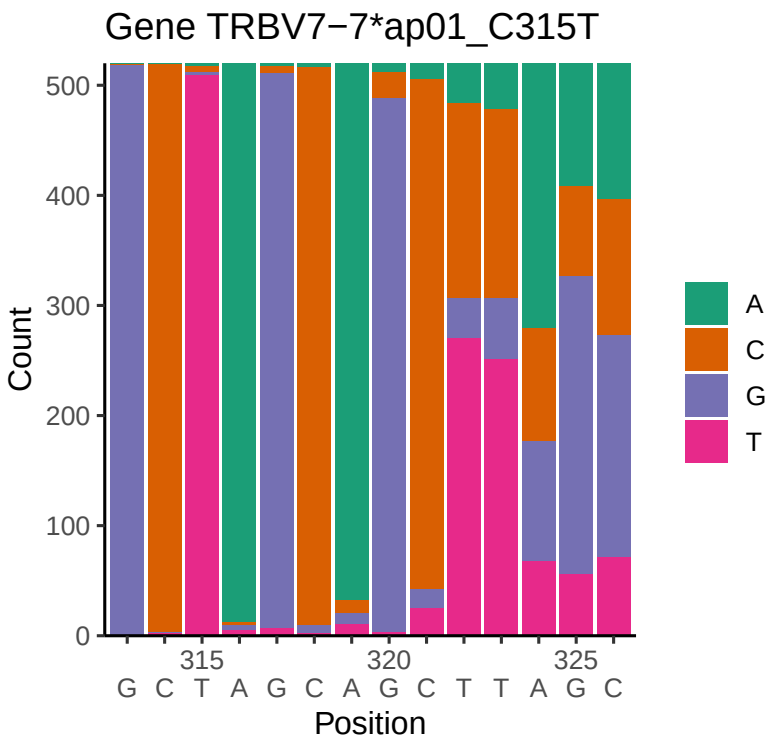
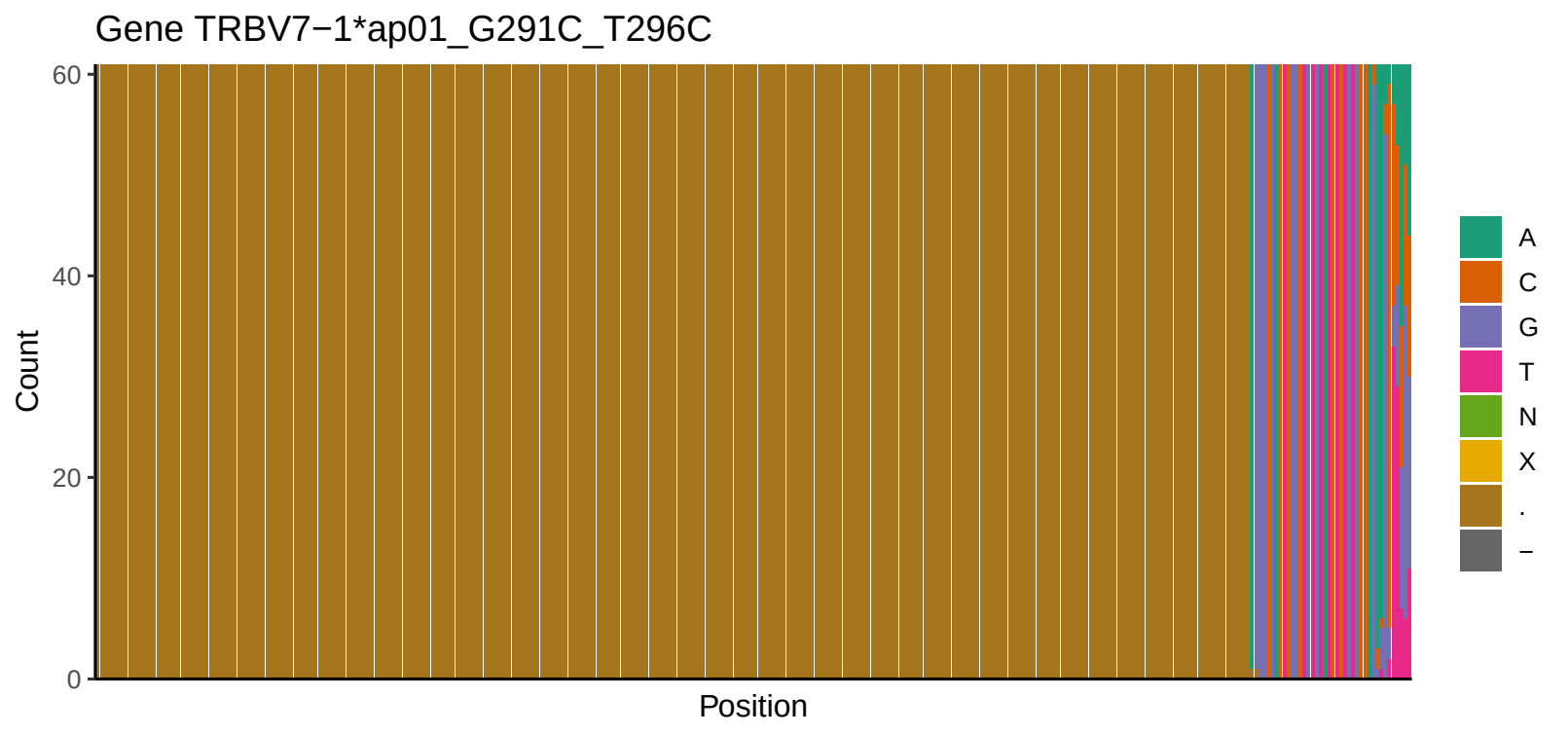
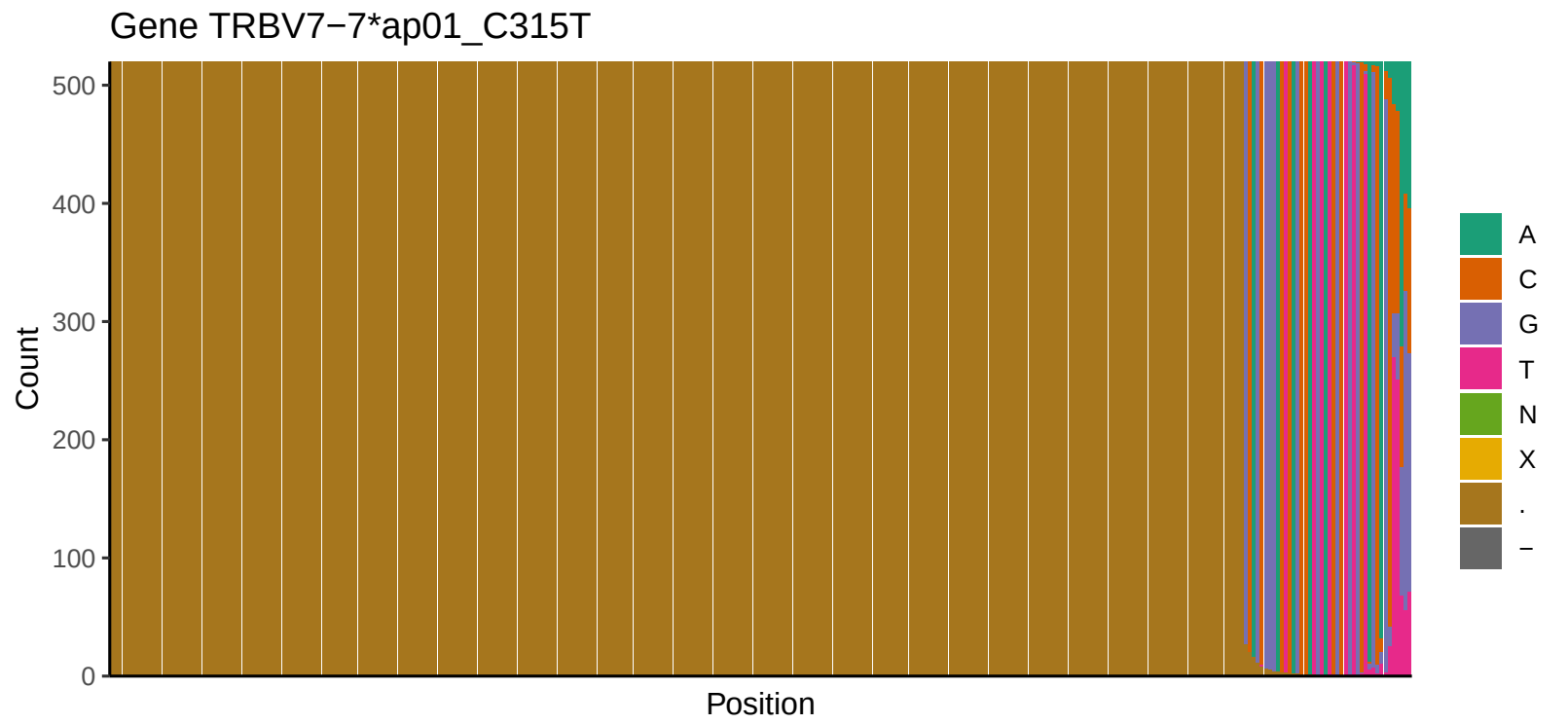
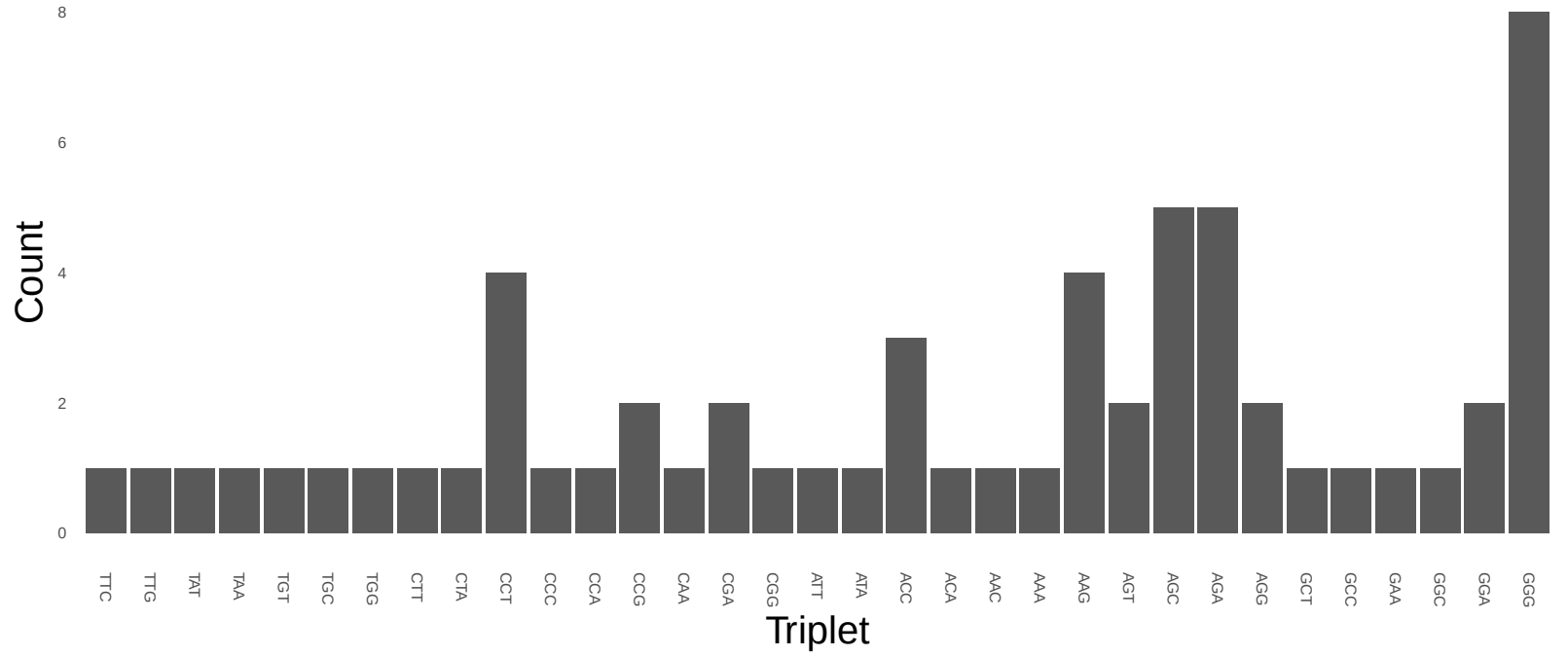

Gene TRBV7−1*ap01_G291C_T296C
Count
60
40
20
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
500
400
300
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

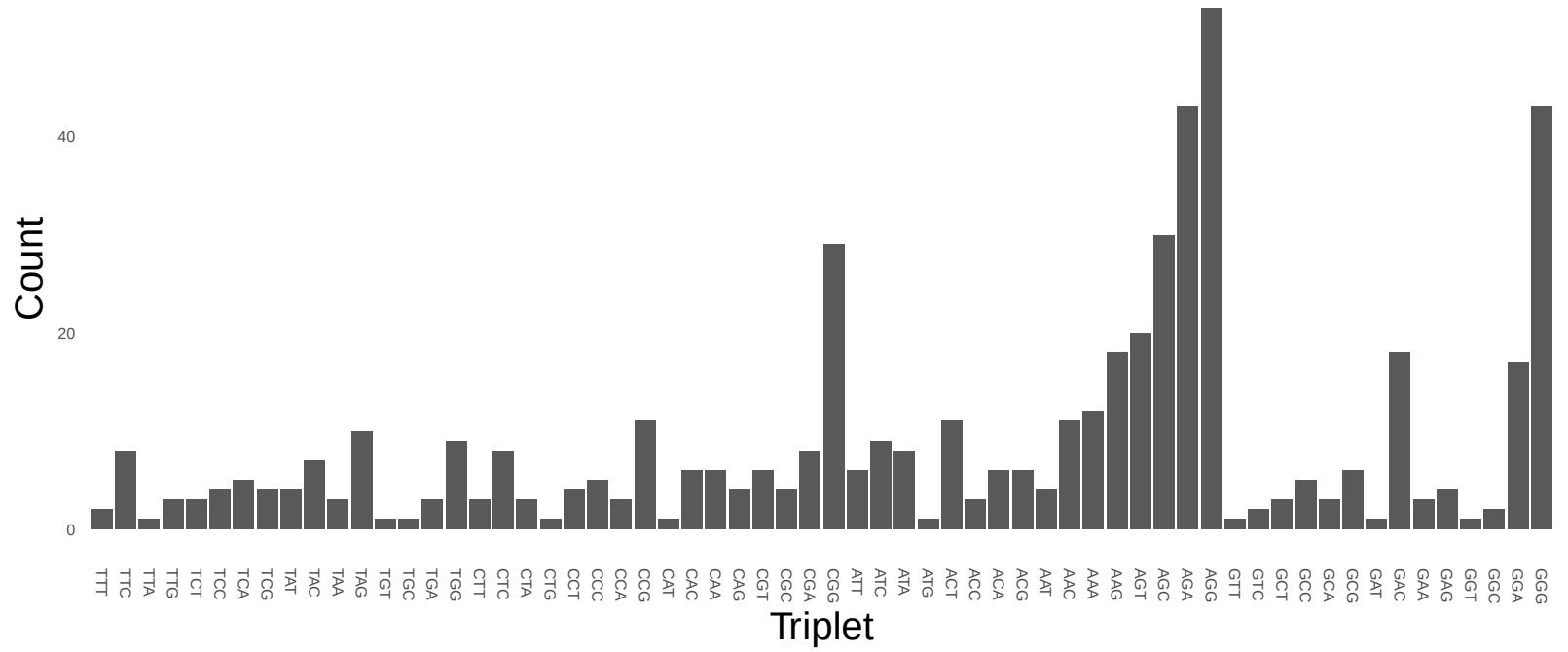

Gene TRBV7−1*ap01_G291C_T296C
Count
60
40
20
0
Position
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
Count
500
400
300
200
100
0
Position
A
C
G
T
N
X
.
–

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

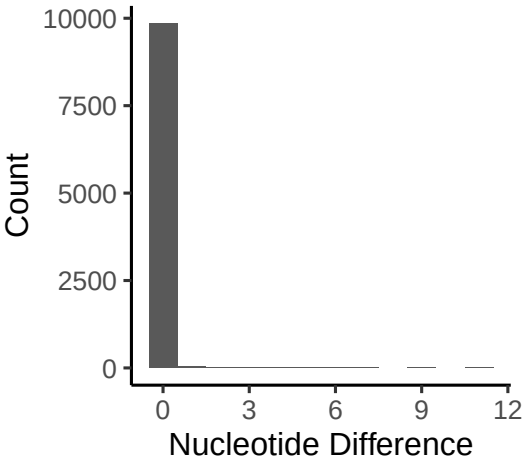


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



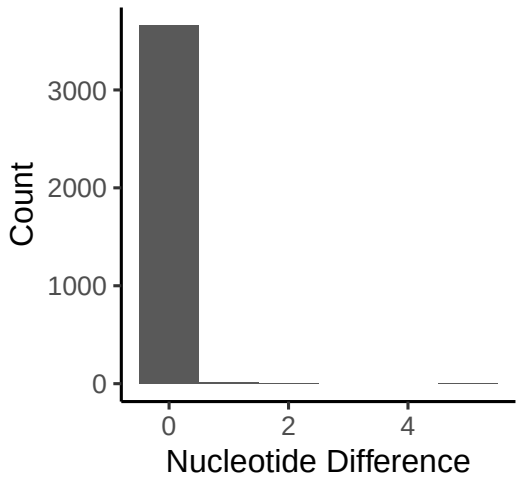
TRBV20−1*ap01

9934 sequences assigned
9860 (99.3%) exact matches, in which:
9835 unique CDR3
13 unique J



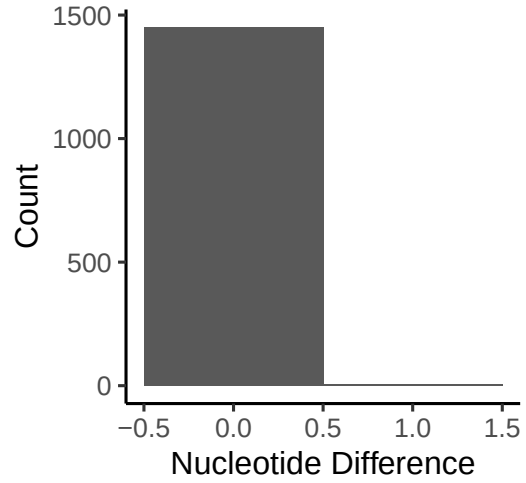
TRBV10−3*ap01

3674 sequences assigned
3659 (99.6%) exact matches, in which:
3649 unique CDR3
13 unique J



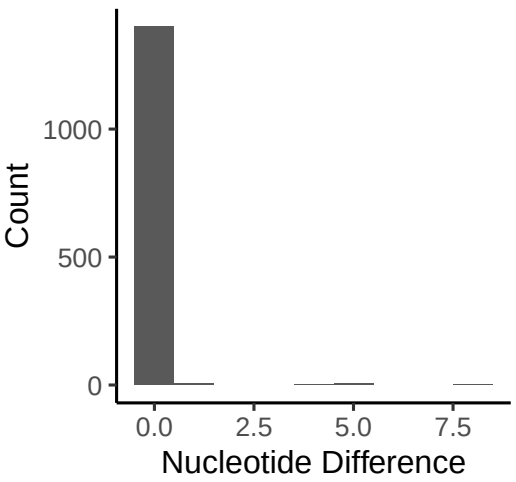
TRBV14*ap01

1455 sequences assigned
1450 (99.7%) exact matches, in which:
1446 unique CDR3
13 unique J



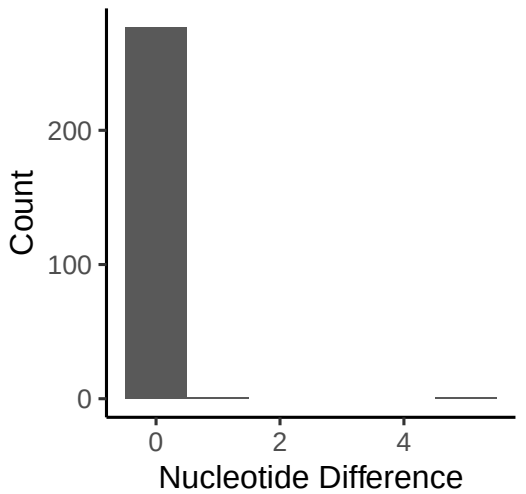
TRBV10−1*ap01

1410 sequences assigned
1400 (99.3%) exact matches, in which:
1393 unique CDR3
13 unique J



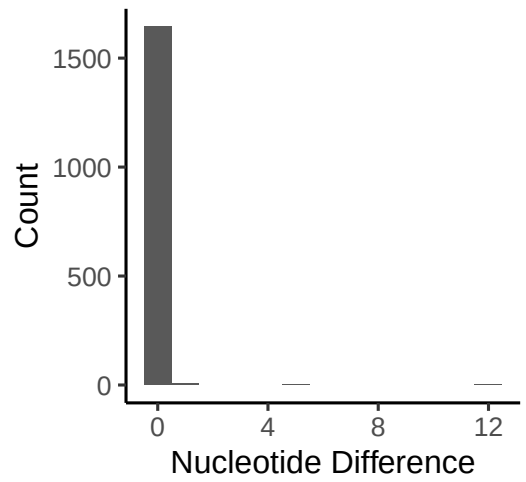
TRBV1*ap01

279 sequences assigned
277 (99.3%) exact matches, in which:
276 unique CDR3
12 unique J



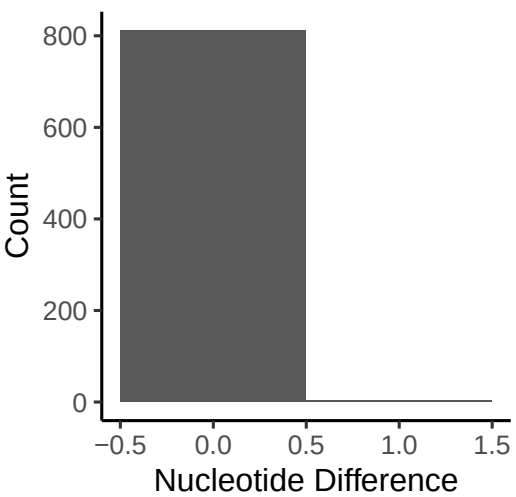
TRBV15*ap02

1653 sequences assigned
1644 (99.5%) exact matches, in which:
1631 unique CDR3
13 unique J



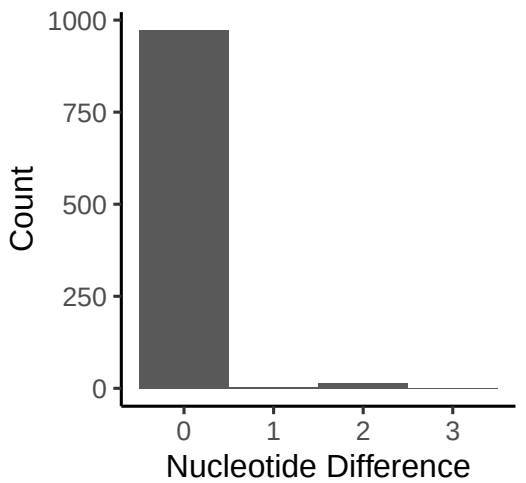
TRBV10−2*ap01

815 sequences assigned
812 (99.6%) exact matches, in which:
809 unique CDR3
12 unique J



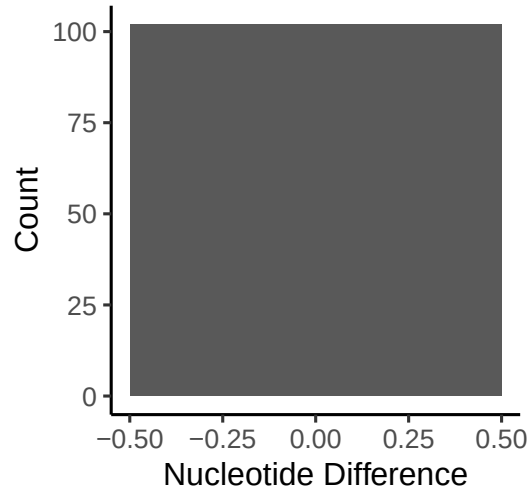
TRBV13*ap01

992 sequences assigned
973 (98.1%) exact matches, in which:
963 unique CDR3
12 unique J



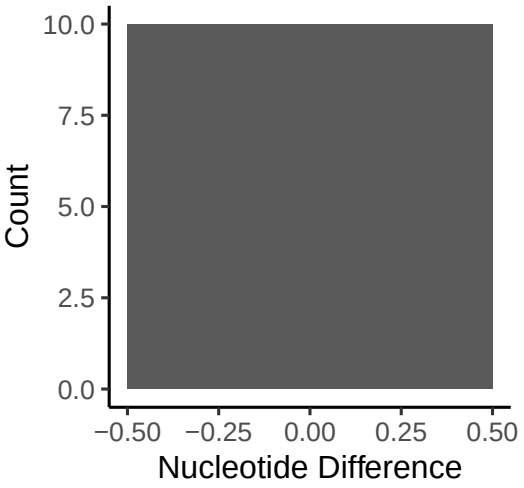
TRBV16*ap01

102 sequences assigned
102 (100%) exact matches, in which:
101 unique CDR3
11 unique J



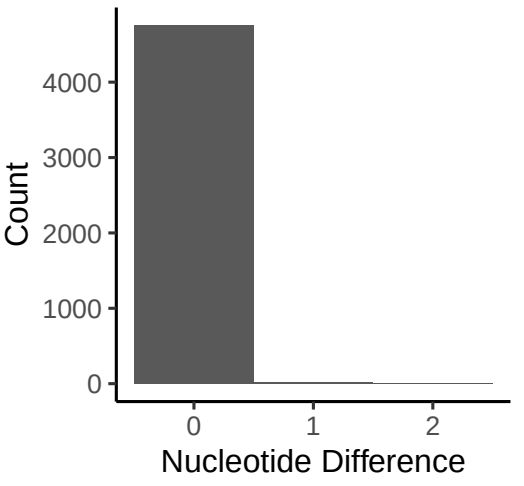
TRBV17*ap01

10 sequences assigned
10 (100%) exact matches, in which:
10 unique CDR3
6 unique J



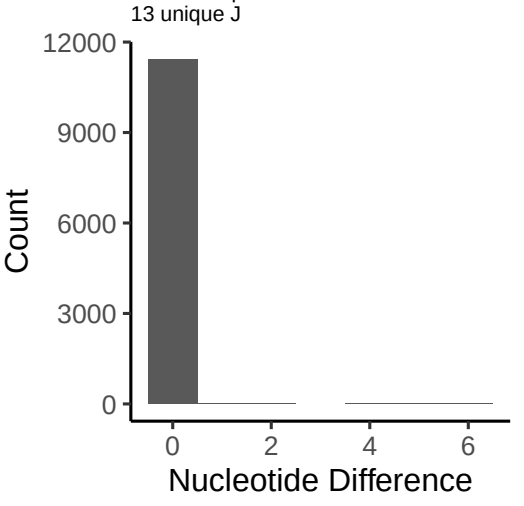
TRBV2*ap01

4771 sequences assigned
4753 (99.6%) exact matches, in which:
4746 unique CDR3
13 unique J



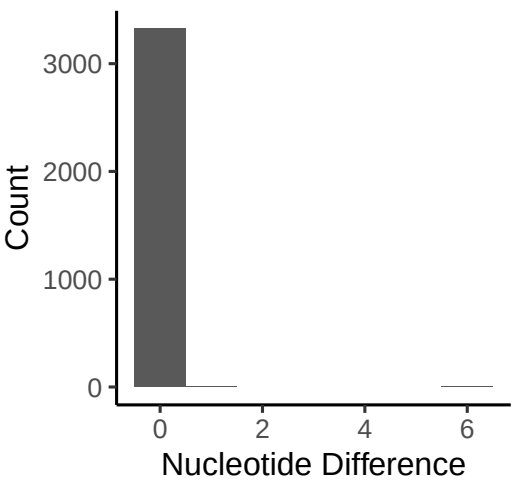
TRBV28*ap01

11473 sequences assigned
11433 (99.7%) exact matches, in which:
11404 unique CDR3
13 unique J



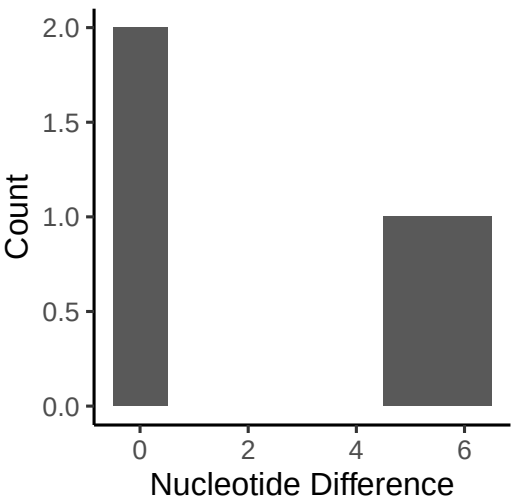
TRBV18*ap01

3329 sequences assigned
3324 (99.8%) exact matches, in which:
3317 unique CDR3
13 unique J



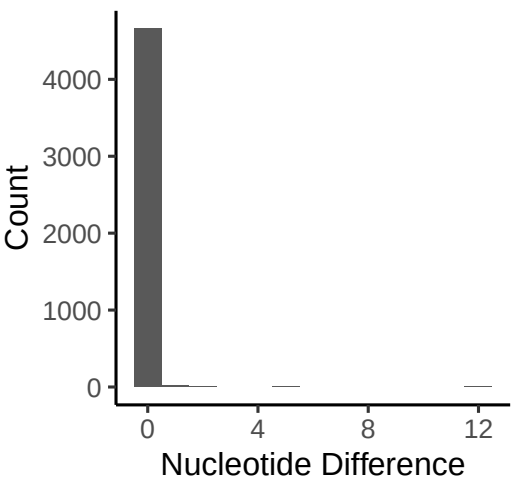
TRBV26*ap01

4 sequences assigned
2 (50%) exact matches, in which:
2 unique CDR3
2 unique J



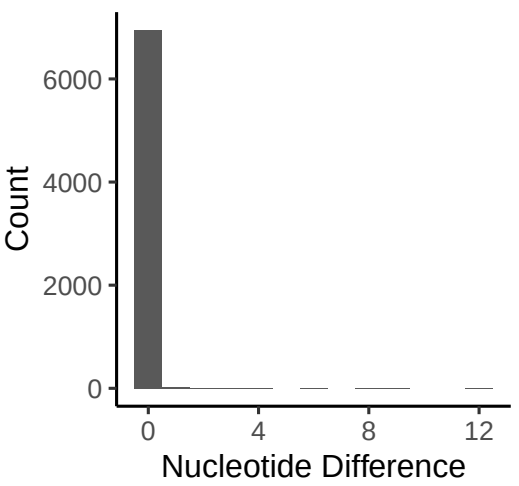
TRBV30*ap01

4687 sequences assigned
4658 (99.4%) exact matches, in which:
4648 unique CDR3
12 unique J



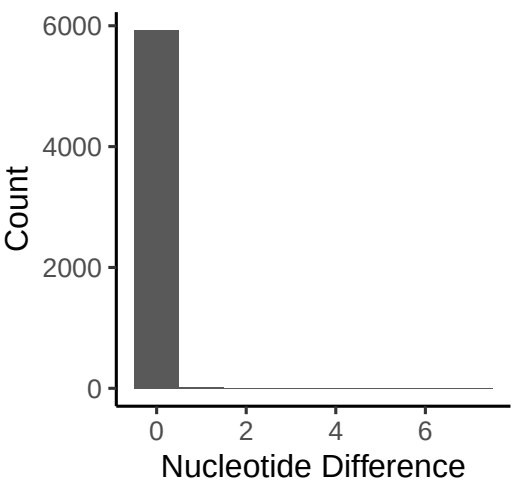
TRBV19*ap01

6993 sequences assigned
6948 (99.4%) exact matches, in which:
6938 unique CDR3
13 unique J



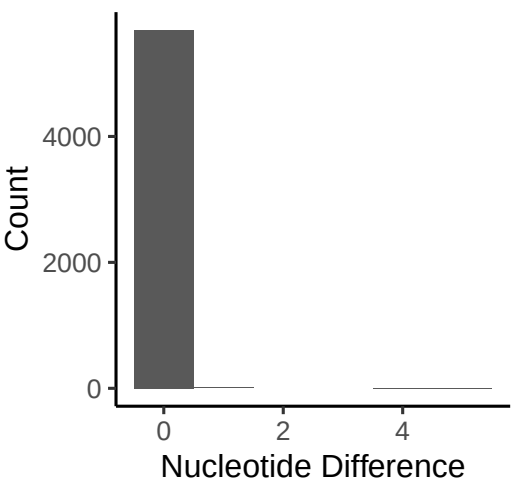
TRBV27*ap01

5962 sequences assigned
5929 (99.4%) exact matches, in which:
5905 unique CDR3
13 unique J



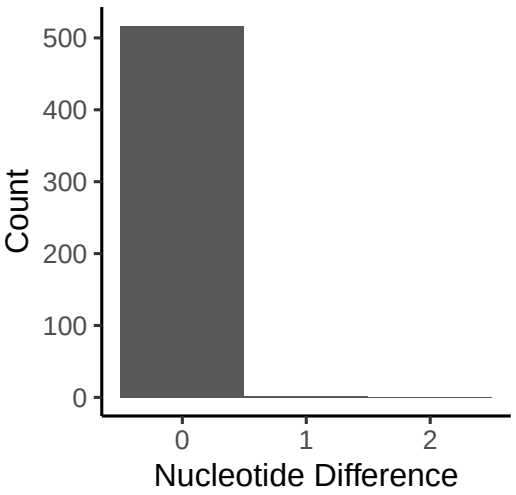
TRBV9*ap01

5705 sequences assigned
5690 (99.7%) exact matches, in which:
5640 unique CDR3
13 unique J



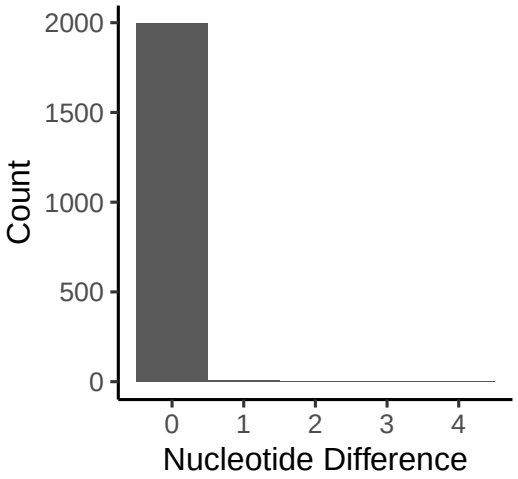
TRBV11−1*ap01

520 sequences assigned
517 (99.4%) exact matches, in which:
514 unique CDR3
12 unique J



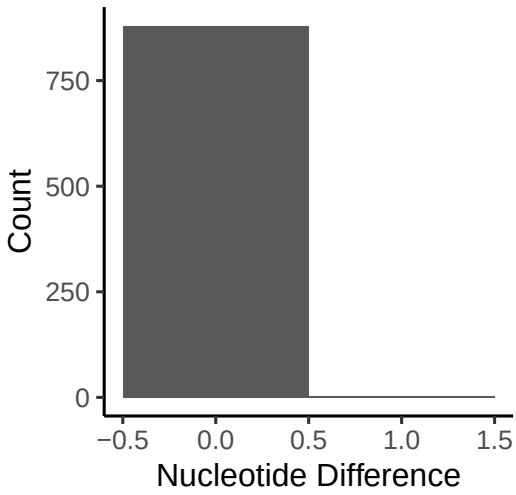
TRBV11−3*ap01

2008 sequences assigned
1996 (99.4%) exact matches, in which:
1992 unique CDR3
13 unique J



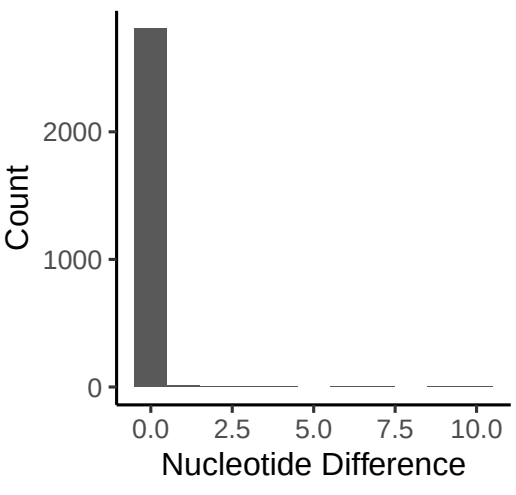
TRBV12−5*ap01

883 sequences assigned
880 (99.7%) exact matches, in which:
880 unique CDR3
12 unique J



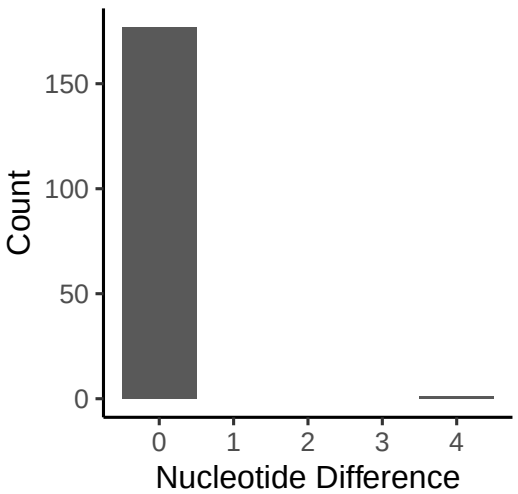
TRBV21−1*ap01

2834 sequences assigned
2808 (99.1%) exact matches, in which:
2803 unique CDR3
13 unique J



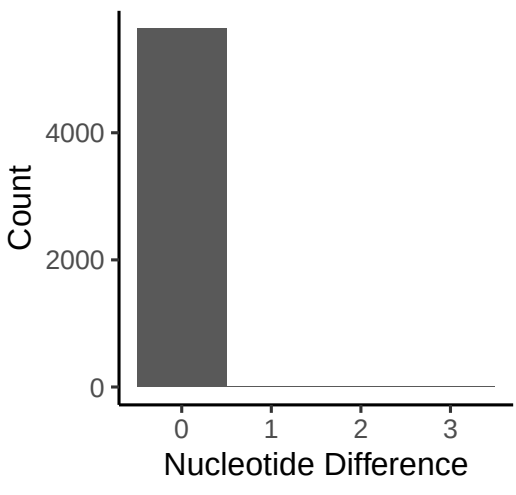
TRBV12−1*ap01

178 sequences assigned
177 (99.4%) exact matches, in which:
176 unique CDR3
12 unique J



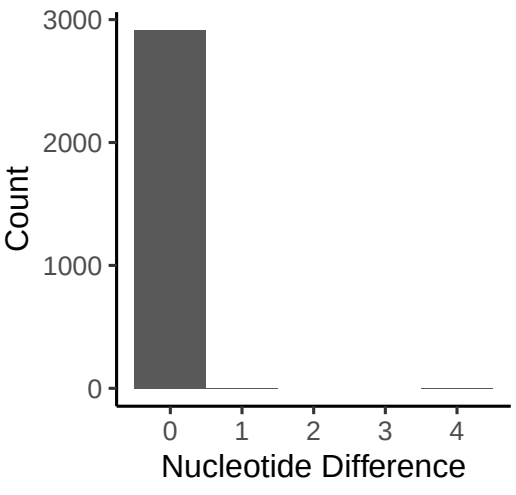
TRBV12−34*ap01

5657 sequences assigned
5637 (99.6%) exact matches, in which:
5622 unique CDR3
13 unique J



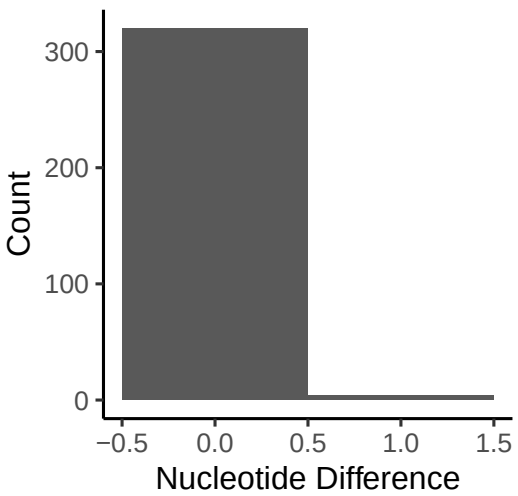
TRBV11−2*ap01

2921 sequences assigned
2915 (99.8%) exact matches, in which:
2908 unique CDR3
13 unique J



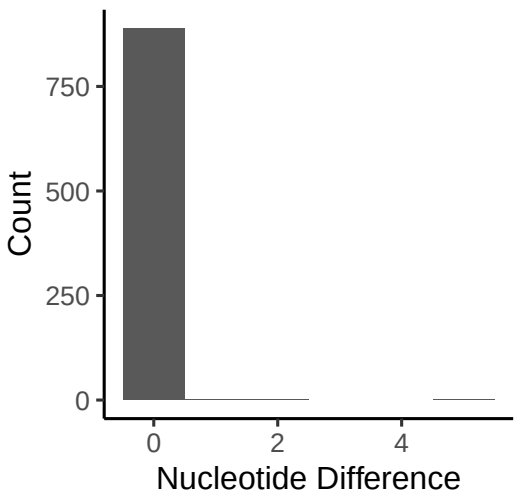
TRBV12−2*ap01

324 sequences assigned
320 (98.8%) exact matches, in which:
318 unique CDR3
13 unique J



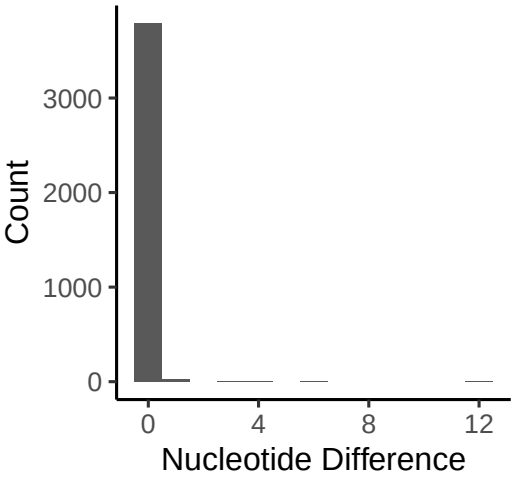
TRBV23−1*ap01

893 sequences assigned
889 (99.6%) exact matches, in which:
889 unique CDR3
13 unique J



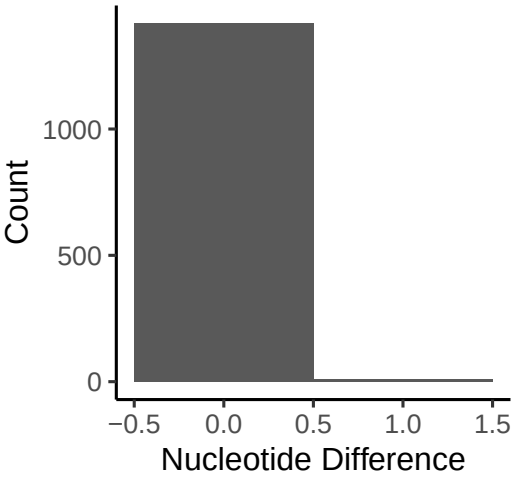
TRBV3−12*ap01

3820 sequences assigned
3789 (99.2%) exact matches, in which:
3780 unique CDR3
13 unique J



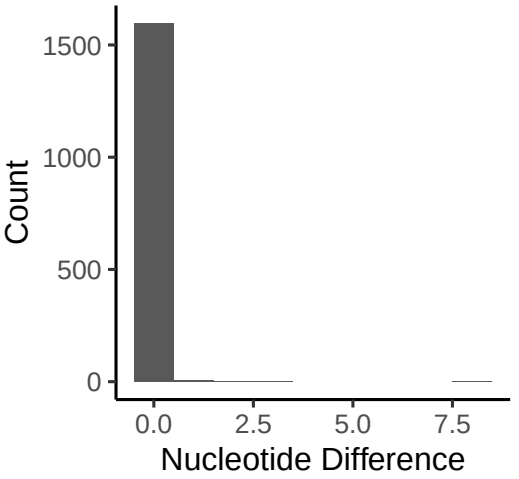
TRBV4−2*ap01

1429 sequences assigned
1418 (99.2%) exact matches, in which:
1416 unique CDR3
13 unique J



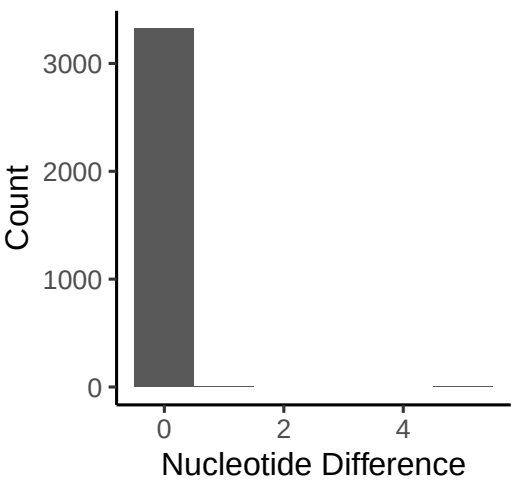
TRBV25−1*ap01

1607 sequences assigned
1596 (99.3%) exact matches, in which:
1581 unique CDR3
12 unique J



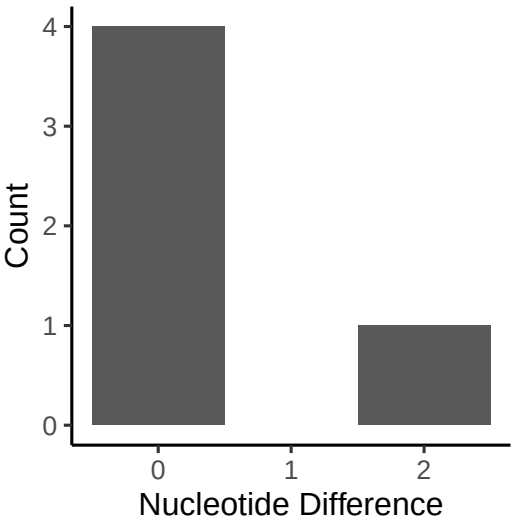
TRBV4−1*ap01

3330 sequences assigned
3322 (99.8%) exact matches, in which:
3317 unique CDR3
13 unique J



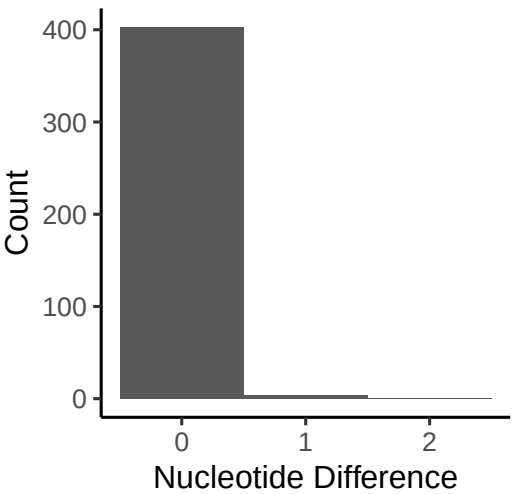
TRBV4−3*ap01

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
3 unique J



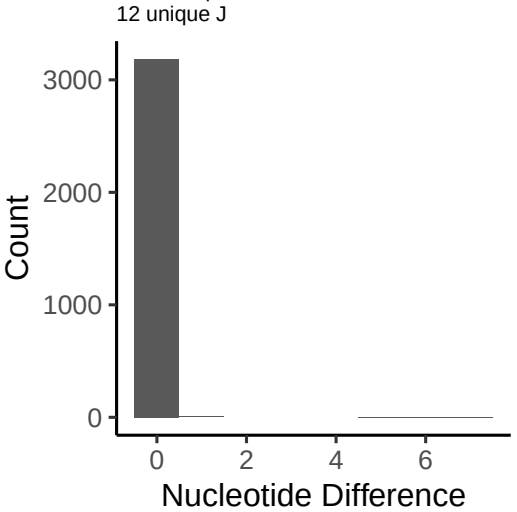
TRBV5−3*ap01

408 sequences assigned
403 (98.8%) exact matches, in which:
402 unique CDR3
13 unique J



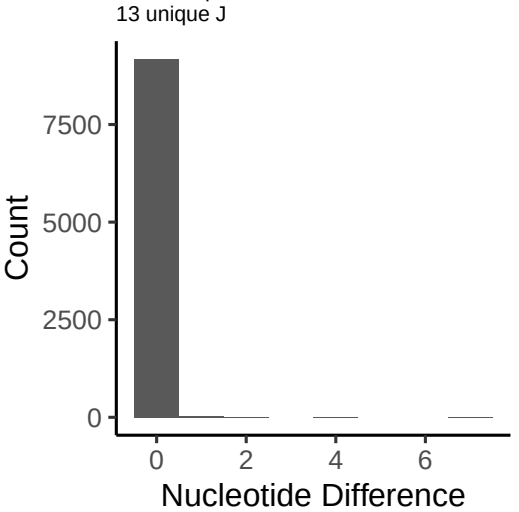
TRBV24−1*ap01

3195 sequences assigned
3185 (99.7%) exact matches, in which:
3175 unique CDR3
12 unique J



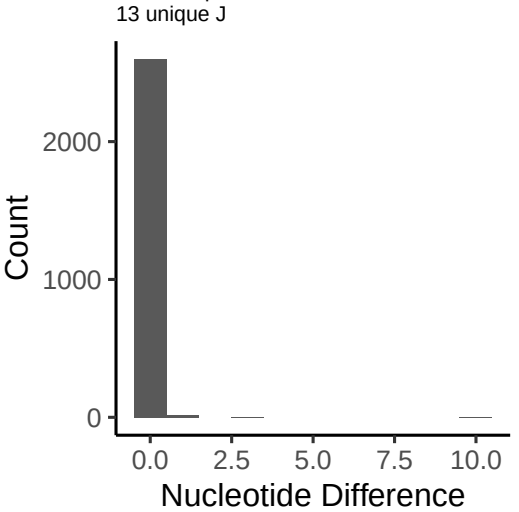
TRBV5−1*ap01

9218 sequences assigned
9177 (99.6%) exact matches, in which:
9056 unique CDR3
13 unique J



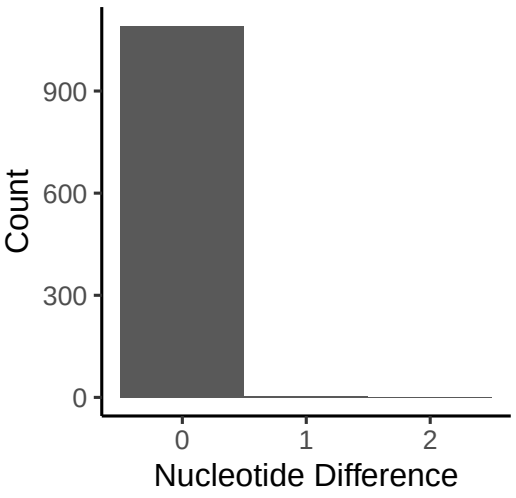
TRBV5−4*ap01

2618 sequences assigned
2599 (99.3%) exact matches, in which:
2592 unique CDR3
13 unique J



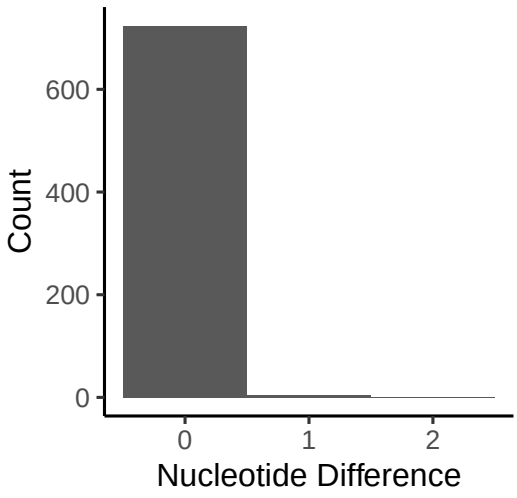
TRBV5−5*ap01

1097 sequences assigned
1092 (99.5%) exact matches, in which:
1089 unique CDR3
12 unique J



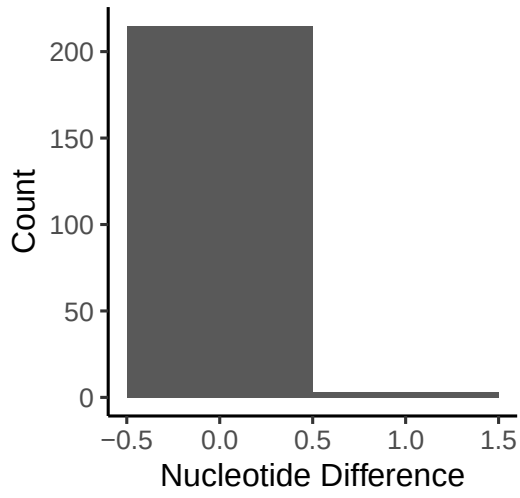
TRBV5−8*ap01

729 sequences assigned
724 (99.3%) exact matches, in which:
724 unique CDR3
13 unique J



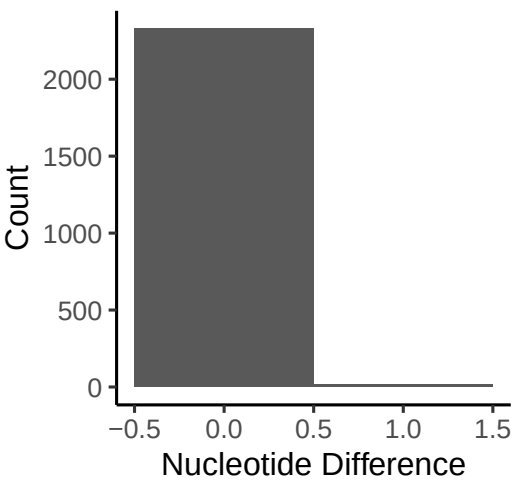
TRBV6−7*ap01

218 sequences assigned
215 (98.6%) exact matches, in which:
215 unique CDR3
12 unique J



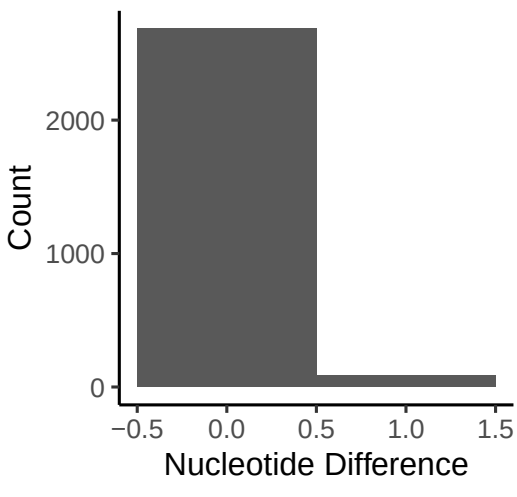
TRBV5−6*ap01

2343 sequences assigned
2328 (99.4%) exact matches, in which:
2309 unique CDR3
13 unique J



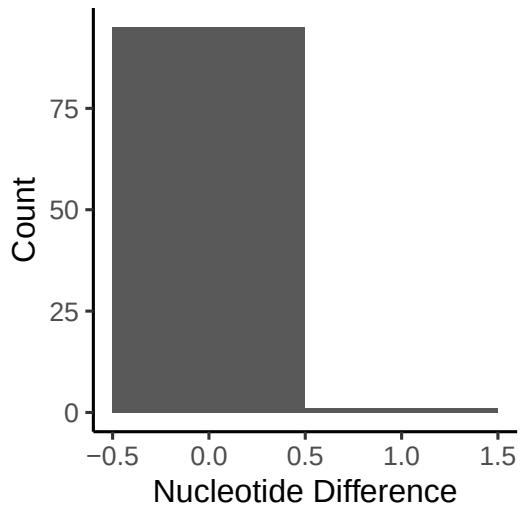
TRBV6−1*ap01

2771 sequences assigned
2685 (96.9%) exact matches, in which:
2674 unique CDR3
13 unique J



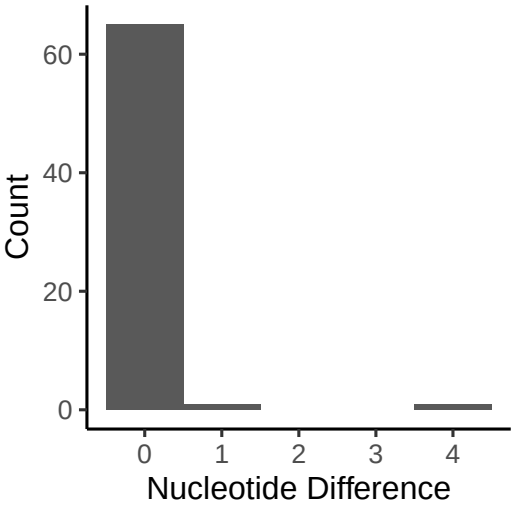
TRBV6−8*ap01

96 sequences assigned
95 (99%) exact matches, in which:
95 unique CDR3
12 unique J



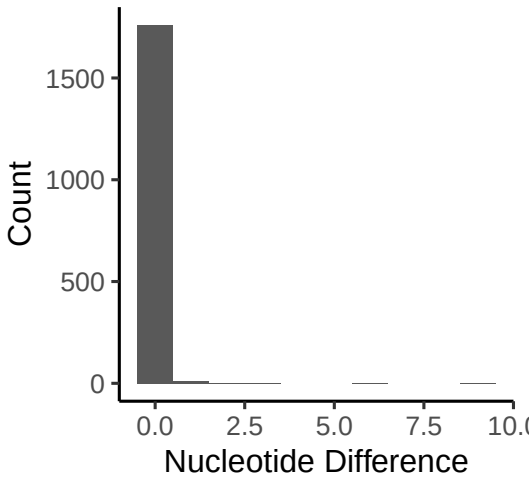
TRBV5−7*ap01

67 sequences assigned
65 (97%) exact matches, in which:
65 unique CDR3
11 unique J



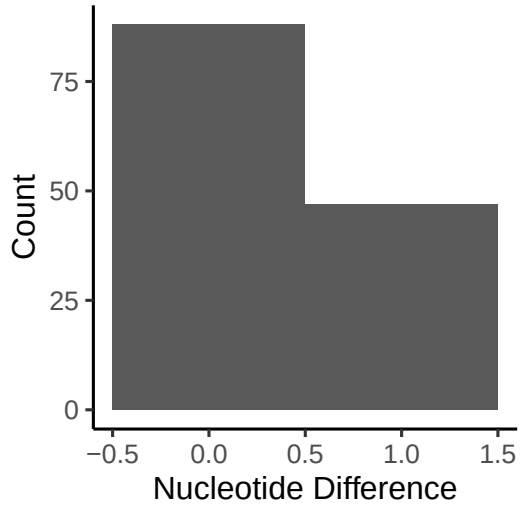
TRBV6−4*ap01

1775 sequences assigned
1760 (99.2%) exact matches, in which:
1749 unique CDR3
13 unique J



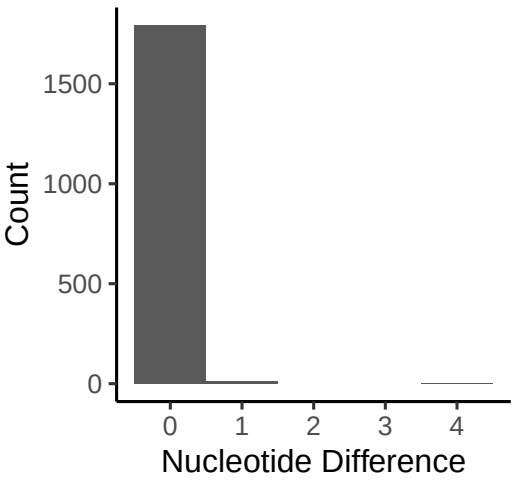
TRBV6−9*ap01

135 sequences assigned
88 (65.2%) exact matches, in which:
88 unique CDR3
12 unique J



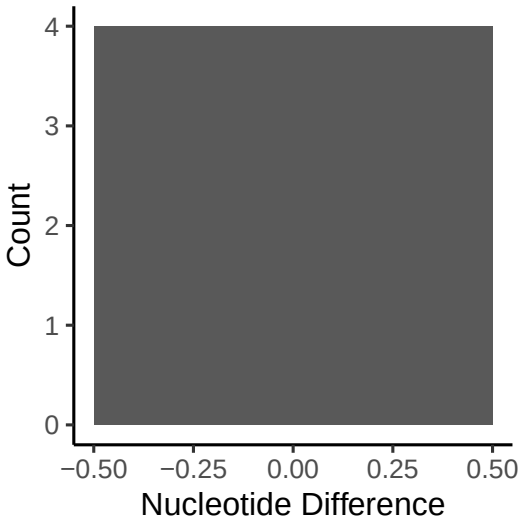
TRBV6−23*ap01

1807 sequences assigned
1792 (99.2%) exact matches, in which:
1784 unique CDR3
12 unique J



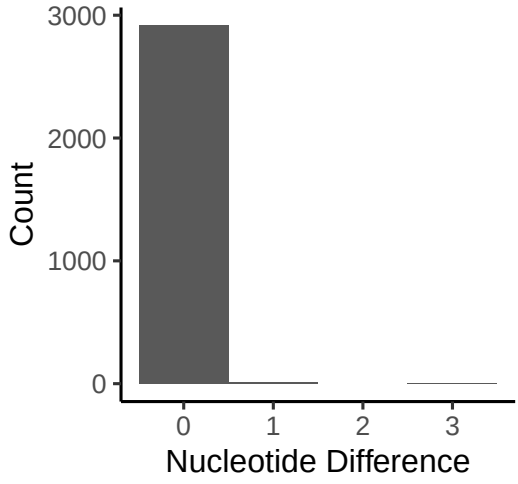
TRBV7−1*ap01

4 sequences assigned
4 (100%) exact matches, in which:
4 unique CDR3
3 unique J



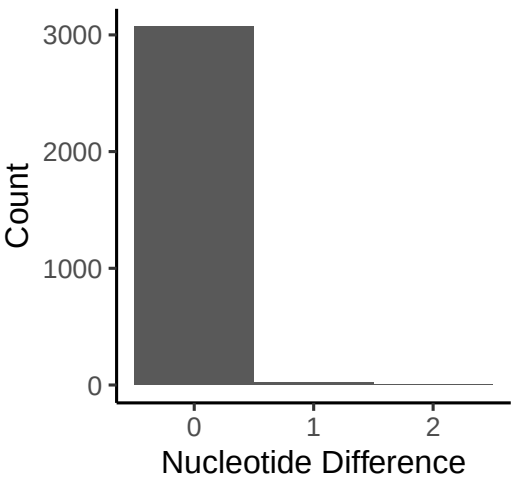
TRBV7−3*ap01

2929 sequences assigned
2917 (99.6%) exact matches, in which:
2891 unique CDR3
13 unique J



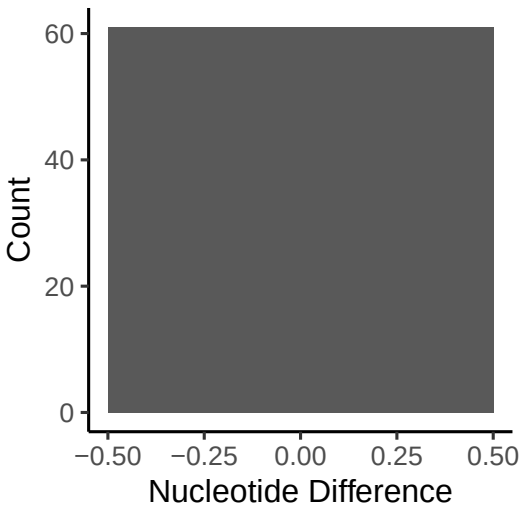
TRBV6−56*ap01

3096 sequences assigned
3070 (99.2%) exact matches, in which:
3059 unique CDR3
13 unique J



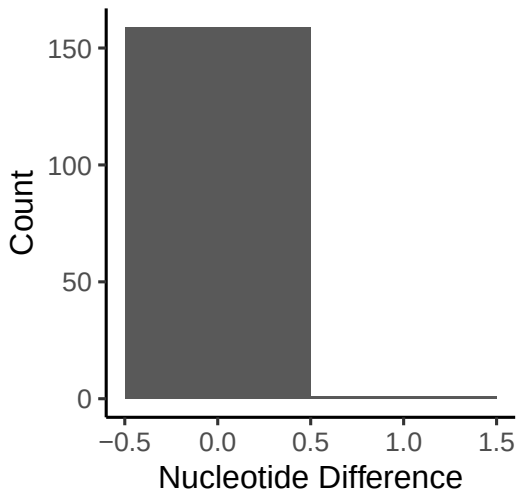
TRBV7−1*ap01_G291C_T

61 sequences assigned
61 (100%) exact matches, in which:
61 unique CDR3
11 unique J



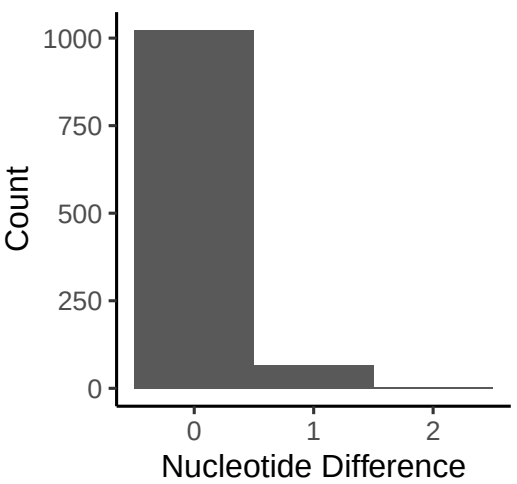
TRBV7−4*ap01

160 sequences assigned
159 (99.4%) exact matches, in which:
159 unique CDR3
13 unique J



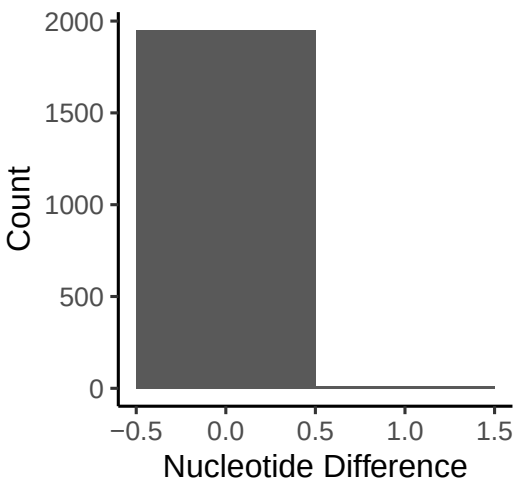
TRBV6−56*ap02

1093 sequences assigned
1023 (93.6%) exact matches, in which:
1020 unique CDR3
13 unique J



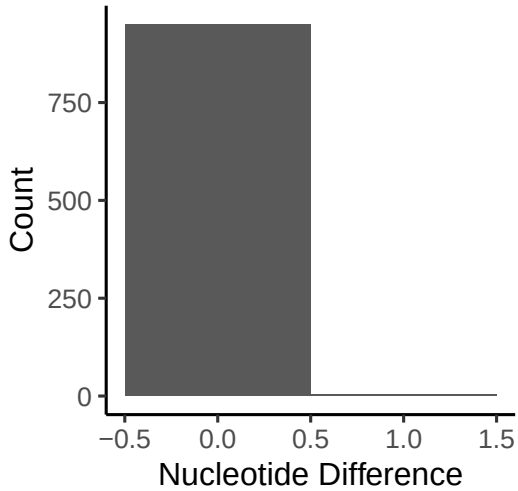
TRBV7−2*ap01

1964 sequences assigned
1951 (99.3%) exact matches, in which:
1947 unique CDR3
13 unique J



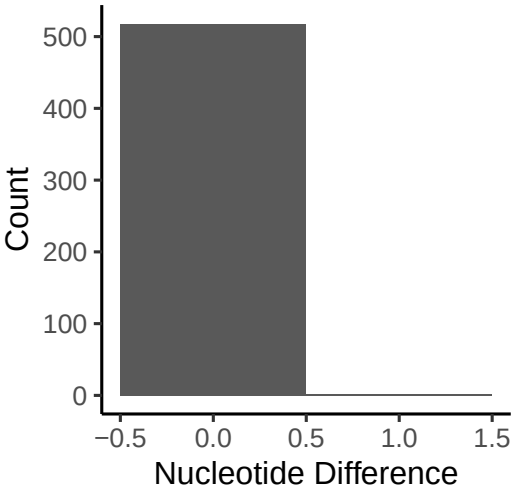
TRBV7−6*ap01

954 sequences assigned
950 (99.6%) exact matches, in which:
948 unique CDR3
13 unique J



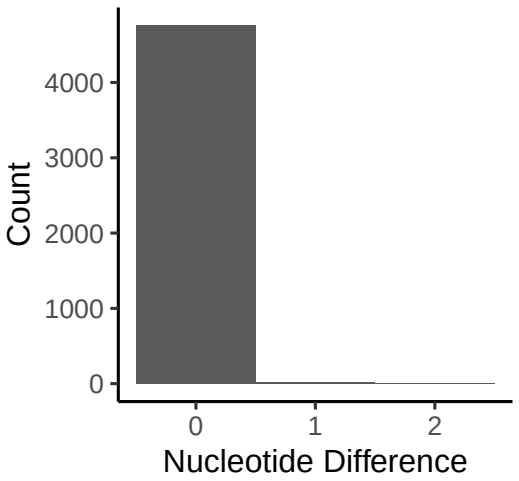
TRBV7−7*ap01_C315T

520 sequences assigned
518 (99.6%) exact matches, in which:
516 unique CDR3
13 unique J



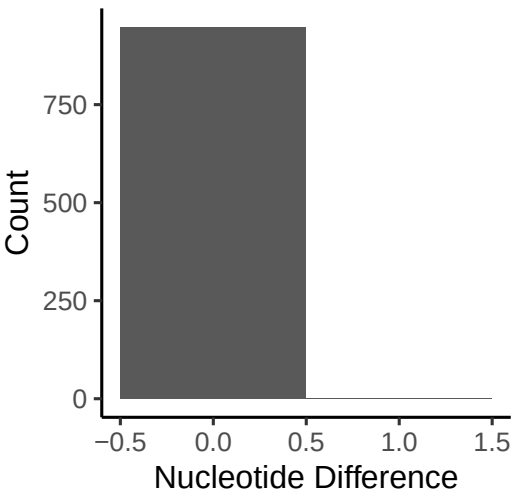
TRBV7−9*ap01

4775 sequences assigned
4758 (99.6%) exact matches, in which:
4747 unique CDR3
13 unique J



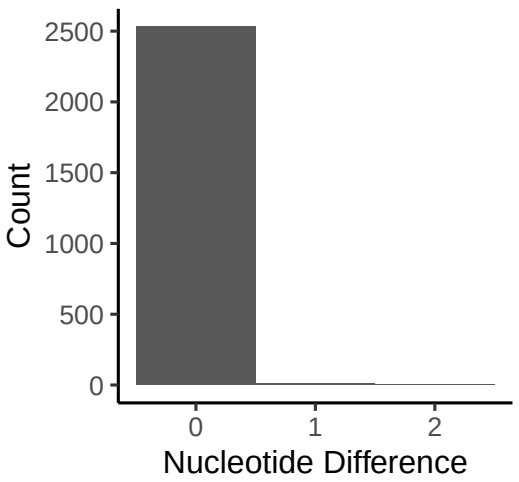
TRBV7−8*ap01

950 sequences assigned
948 (99.8%) exact matches, in which:
947 unique CDR3
13 unique J



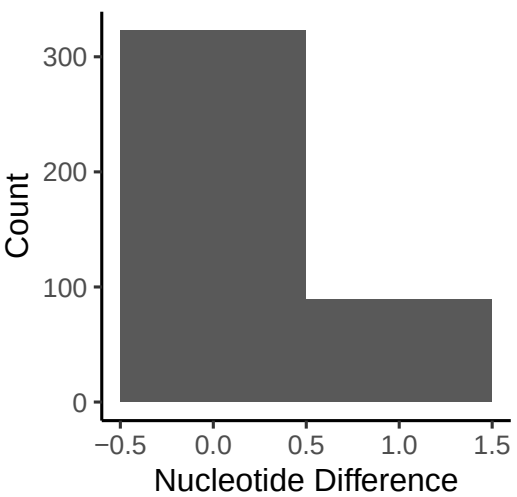
TRBV29−1*ap01

2545 sequences assigned
2531 (99.4%) exact matches, in which:
2523 unique CDR3
12 unique J



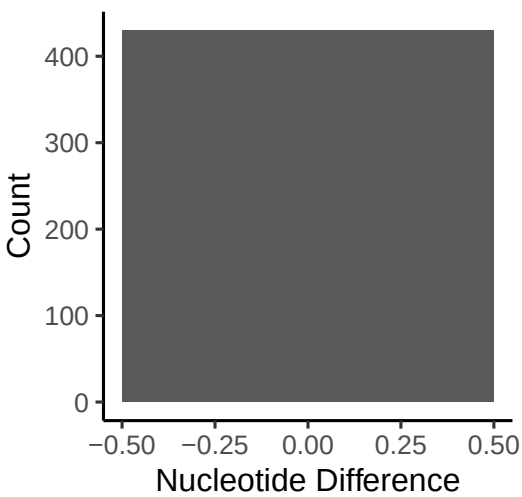
TRBV7−8*ap03

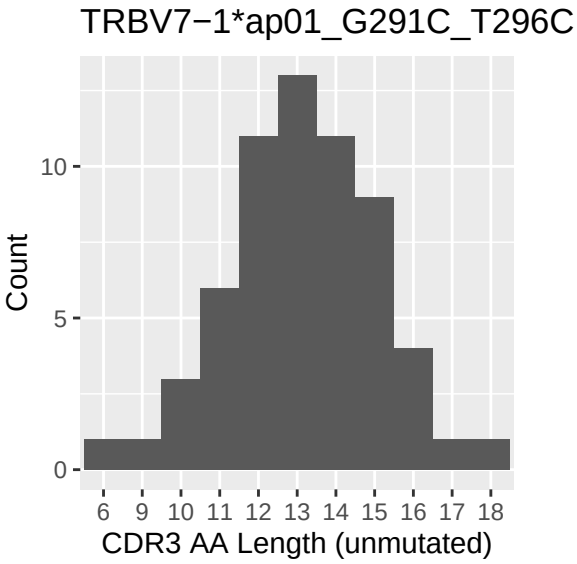
412 sequences assigned
323 (78.4%) exact matches, in which:
323 unique CDR3
13 unique J

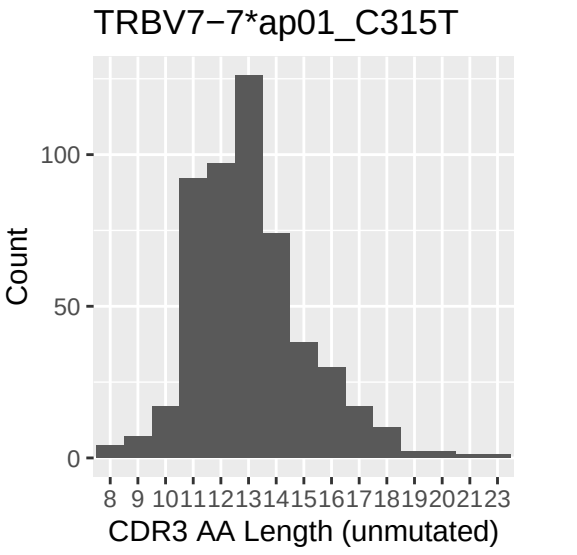


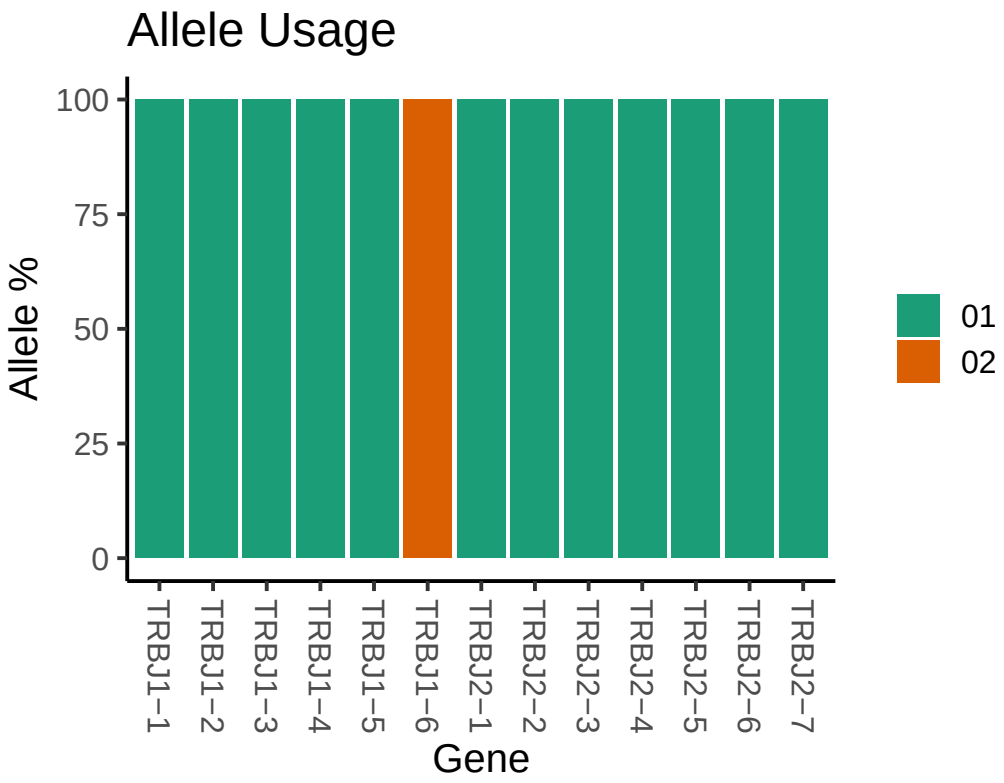
TRBV29−1*ap02

430 sequences assigned
430 (100%) exact matches, in which:
429 unique CDR3
12 unique J




TRBV7−1*ap01_G291C_T296C
Count
10
5
0
6 9 10 11 12 13 14 15 16 17 18
CDR3 AA Length (unmutated)


TRBV7−7*ap01_C315T
Count
100
50
0
8 9 10 11 12 13 14 15 16 17 18 19 20 21 23
CDR3 AA Length (unmutated)


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.