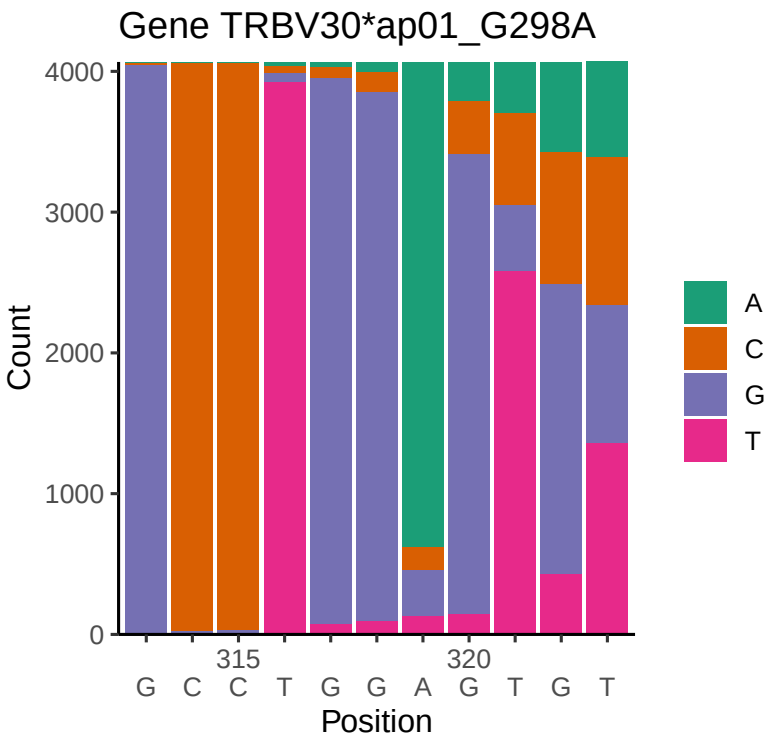
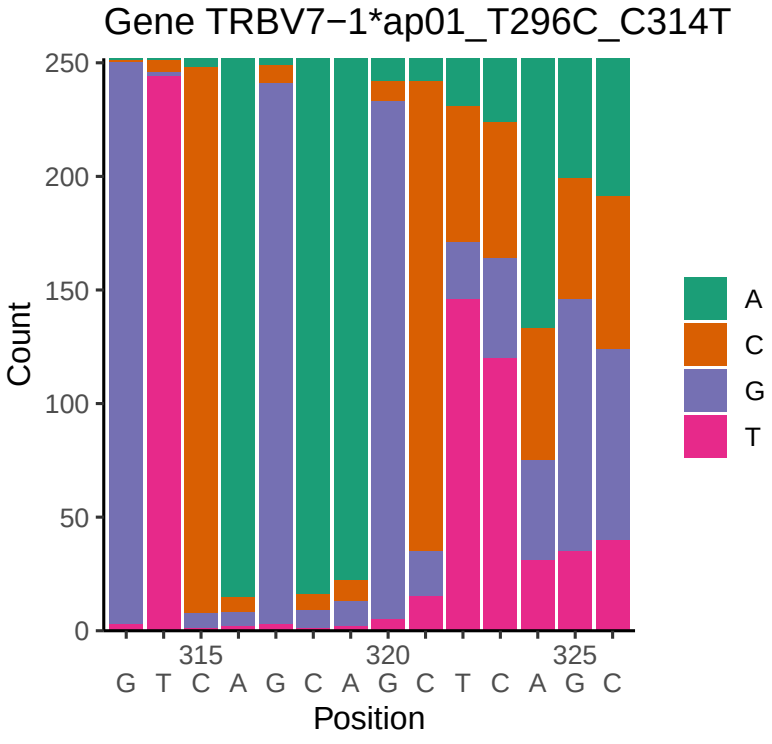
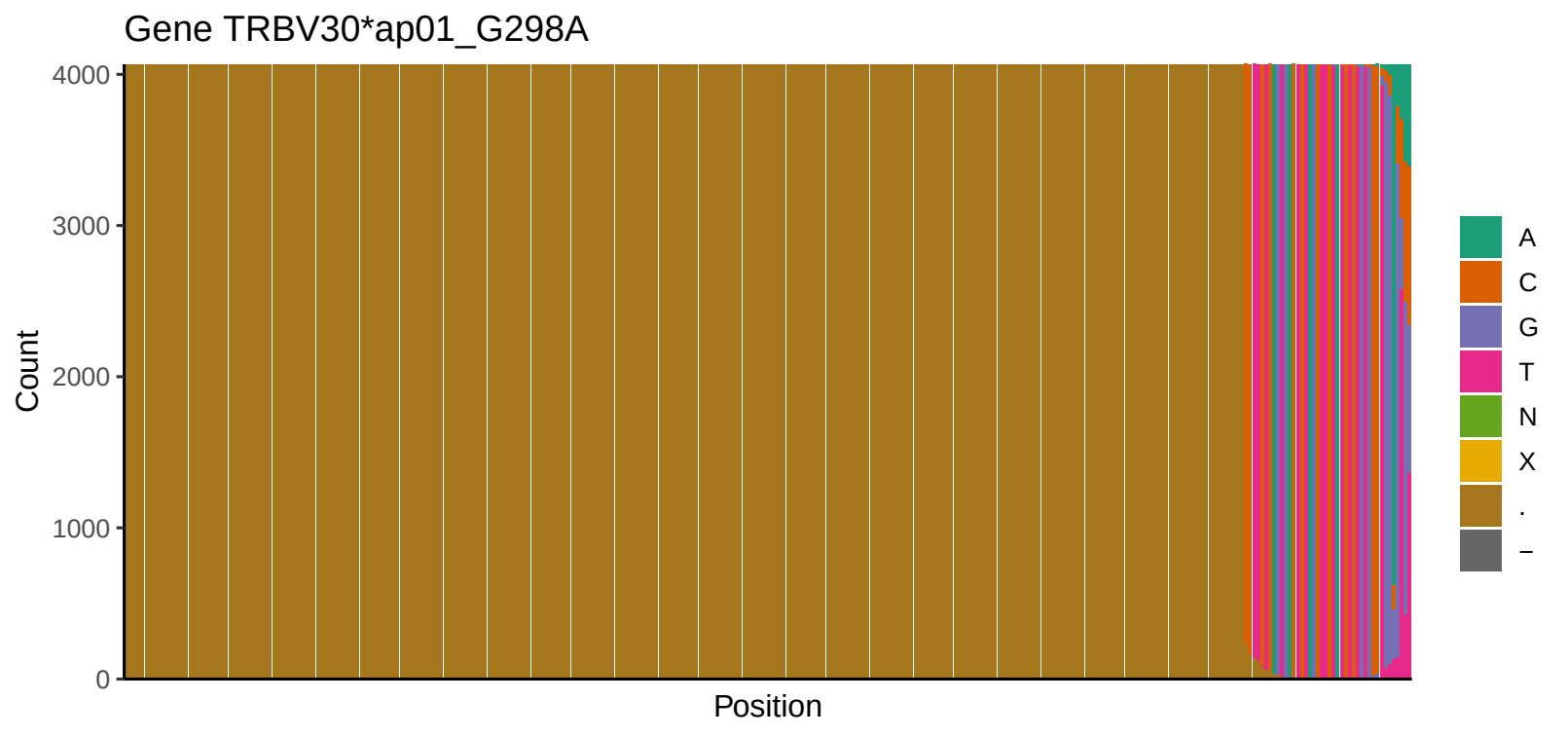
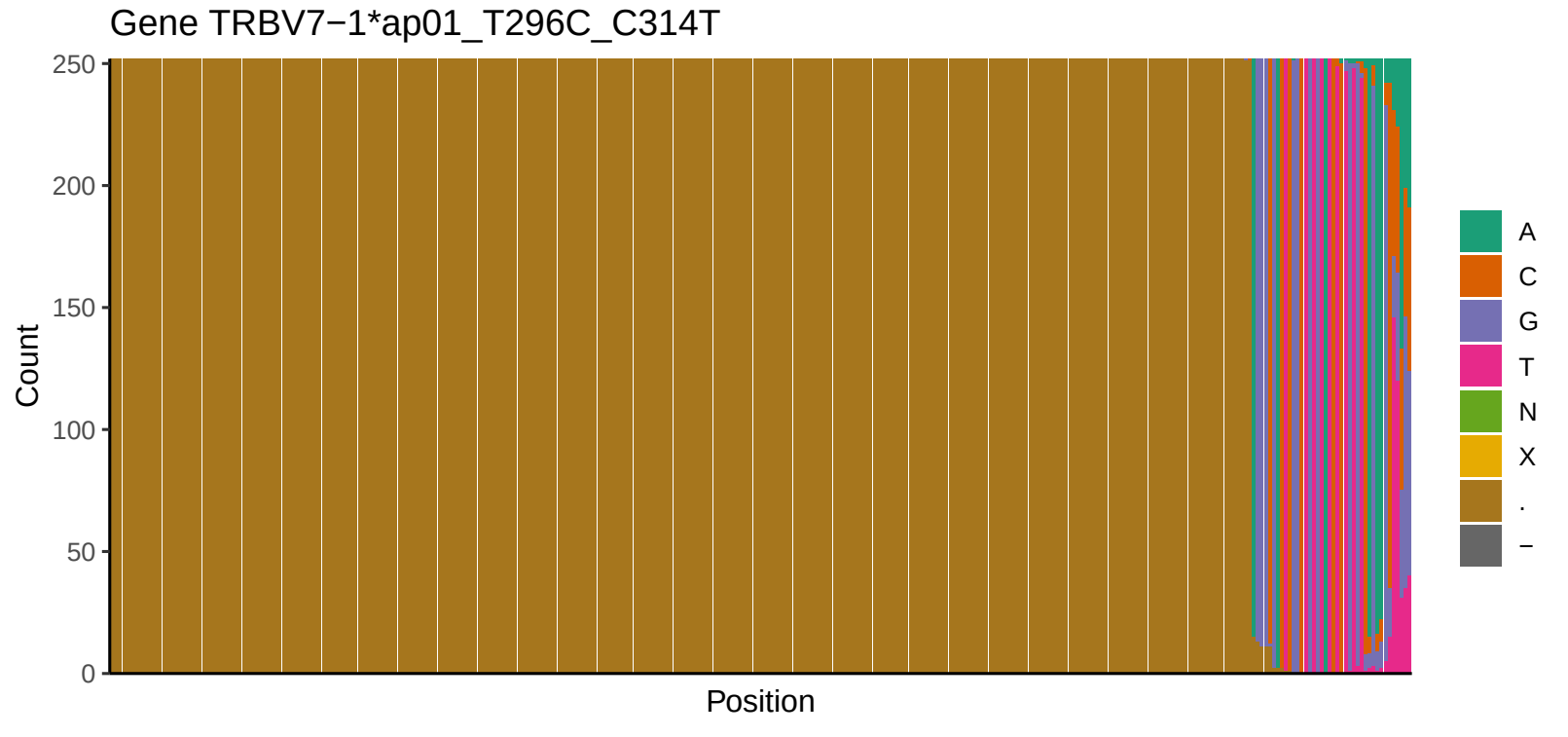
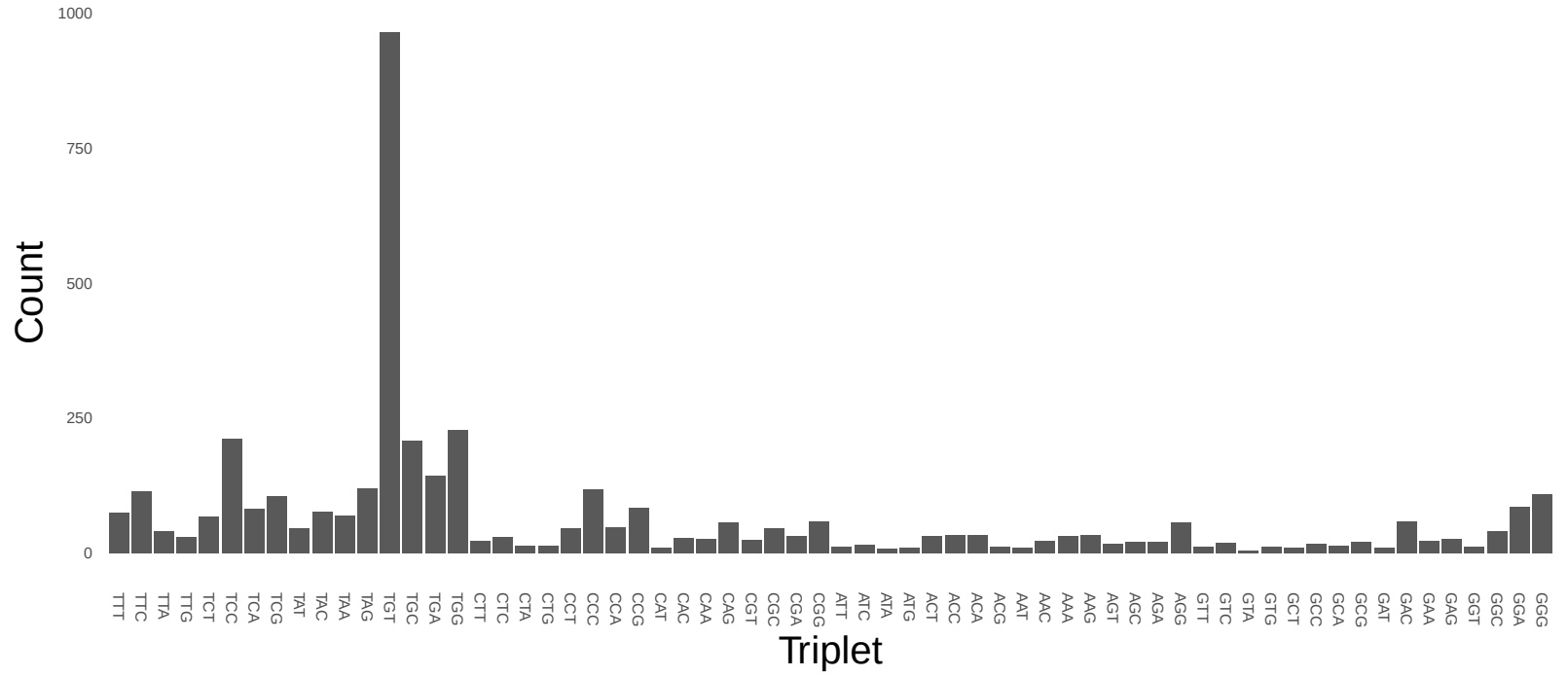

Gene TRBV30*ap01_G298A
Count
4000
3000
2000
1000
0
315
320
G C C T G G A G T G T
Position
A
C
G
T


Gene TRBV7−1*ap01_T296C_C314T
Count
250
200
150
100
50
0
315
320
325
G T C A G C A G C T C A G C
Position
A
C
G
T

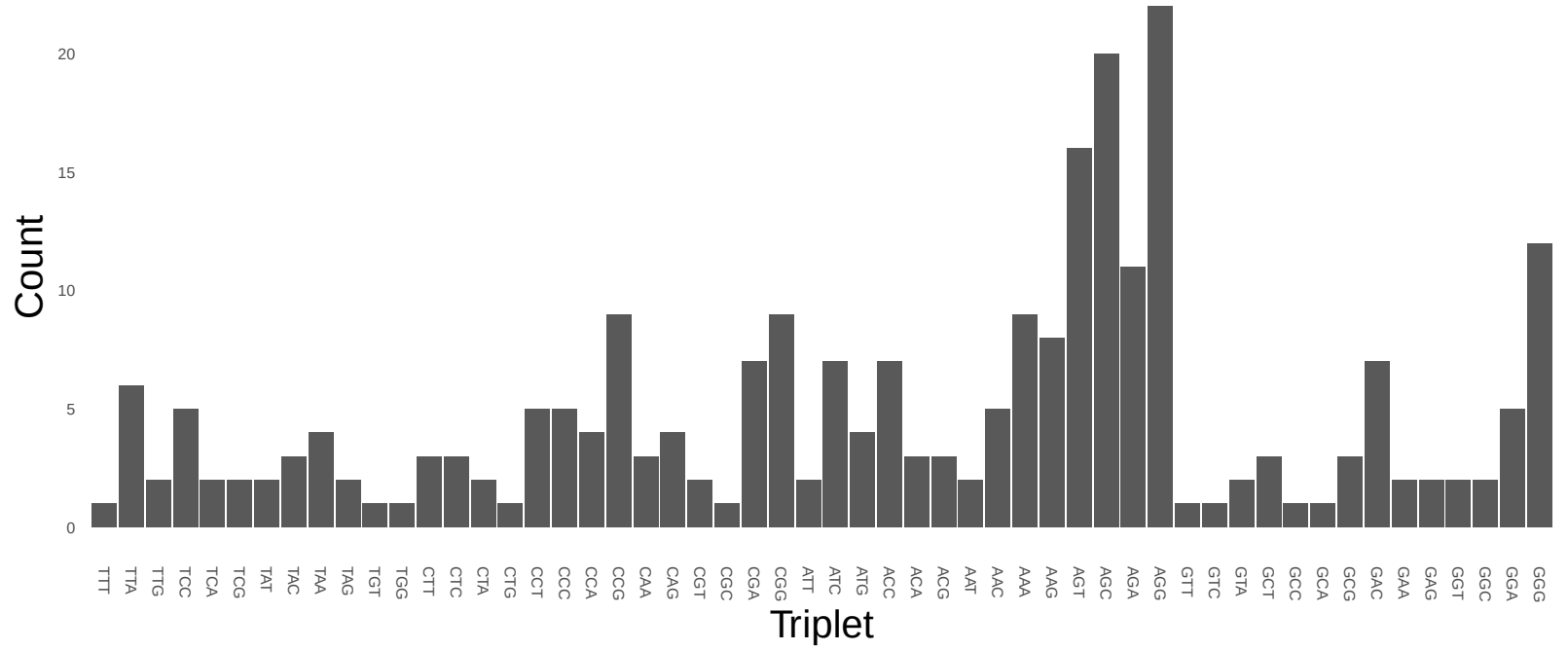

Gene TRBV30*ap01_G298A
Count
4000
3000
2000
1000
0
Position
A
C
G
T
N
X
.
–


Gene TRBV7−1*ap01_T296C_C314T
Count
250
200
150
100
50
0
Position
A
C
G
T
N
X
.
–

TRBV30*ap01_G298A− Final 3 nucleotides as a triplet

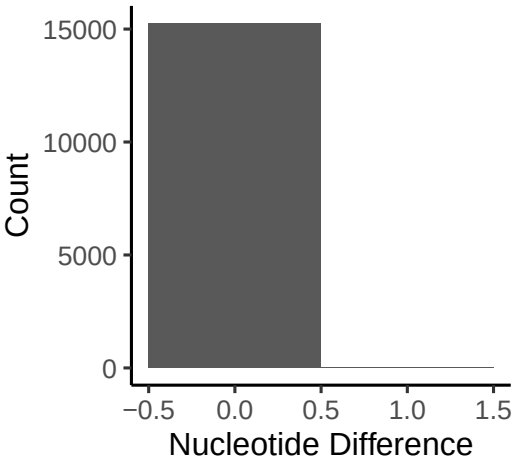


TRBV7−1*ap01_T296C_C314T− Final 3 nucleotides as a triplet



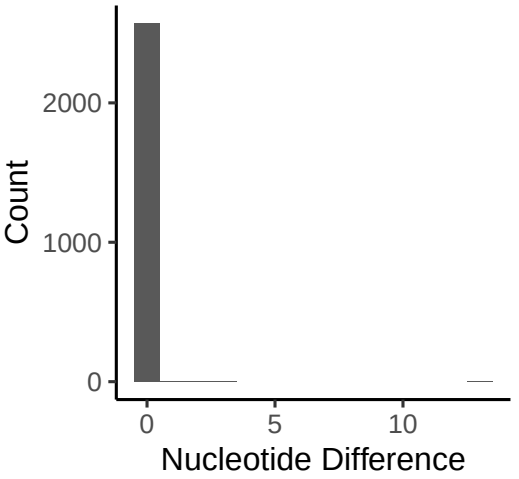
TRBV20−1*ap01

15293 sequences assigned
15262 (99.8%) exact matches, in which:
15243 unique CDR3
13 unique J



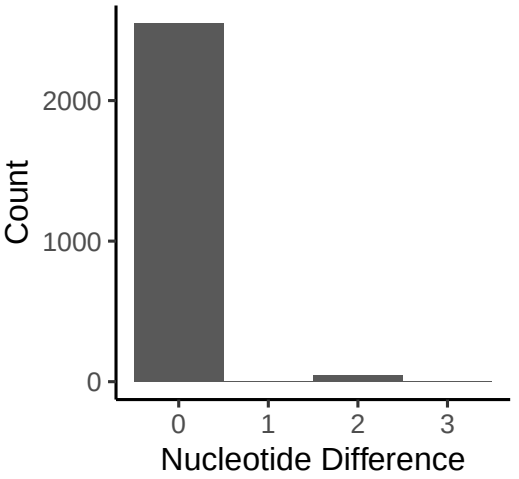
TRBV10−2*ap01

2576 sequences assigned
2570 (99.8%) exact matches, in which:
2570 unique CDR3
13 unique J



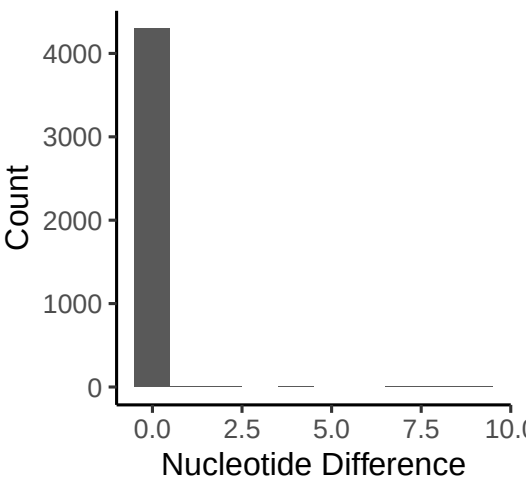
TRBV13*ap01

2601 sequences assigned
2549 (98%) exact matches, in which:
2545 unique CDR3
13 unique J



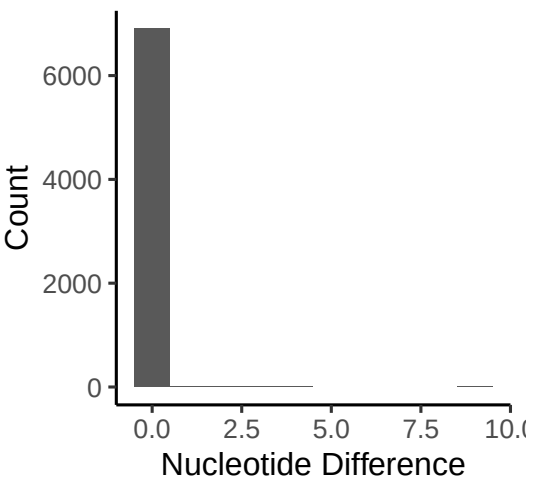
TRBV10−1*ap01

4309 sequences assigned
4296 (99.7%) exact matches, in which:
4293 unique CDR3
14 unique J



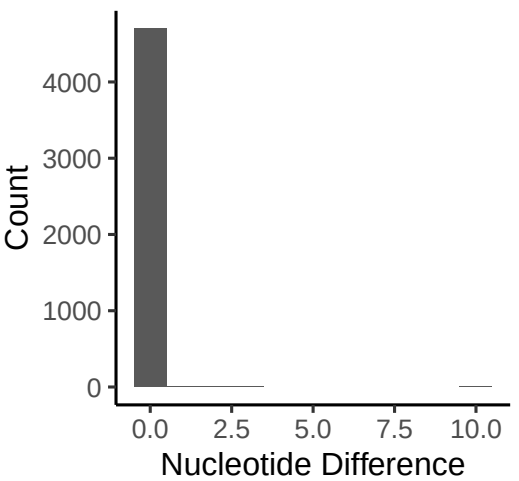
TRBV10−3*ap01

6919 sequences assigned
6903 (99.8%) exact matches, in which:
6896 unique CDR3
13 unique J



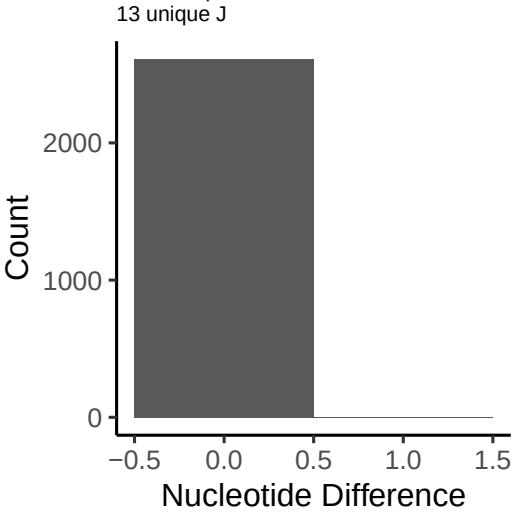
TRBV14*ap01

4710 sequences assigned
4698 (99.7%) exact matches, in which:
4696 unique CDR3
13 unique J



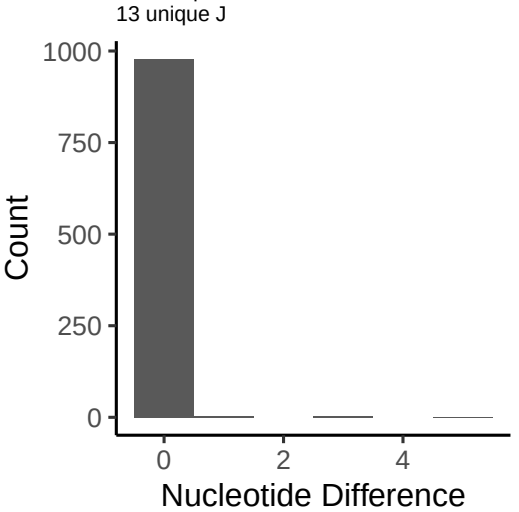
TRBV20−1*ap02

2612 sequences assigned
2611 (100%) exact matches, in which:
2607 unique CDR3
13 unique J



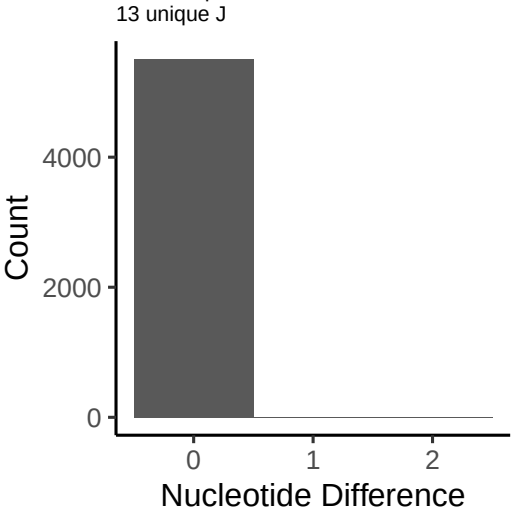
TRBV1*ap01

985 sequences assigned
978 (99.3%) exact matches, in which:
976 unique CDR3
13 unique J



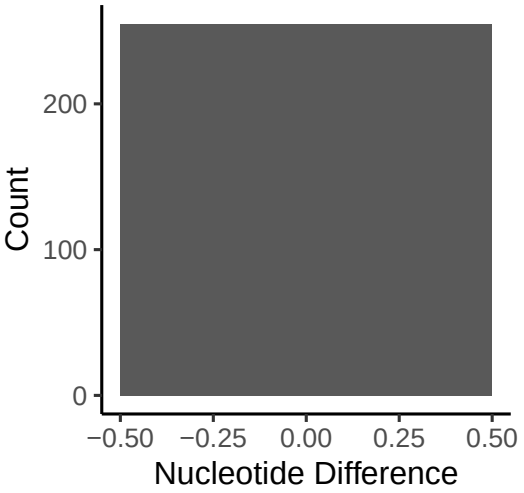
TRBV15*ap02

5520 sequences assigned
5509 (99.8%) exact matches, in which:
5499 unique CDR3
13 unique J



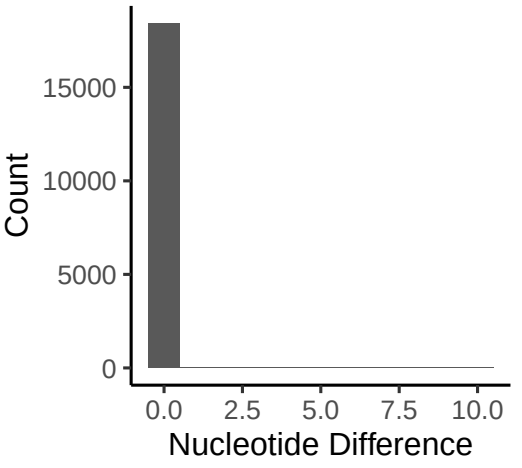
TRBV16*ap01

255 sequences assigned
255 (100%) exact matches, in which:
255 unique CDR3
13 unique J



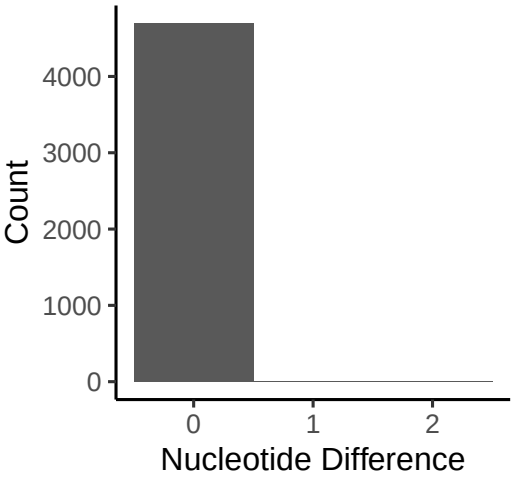
TRBV19*ap01

18485 sequences assigned
18431 (99.7%) exact matches, in which:
18428 unique CDR3
13 unique J



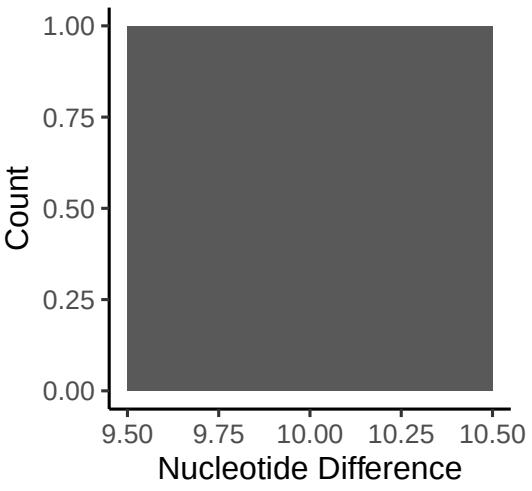
TRBV28*ap01

4705 sequences assigned
4695 (99.8%) exact matches, in which:
4693 unique CDR3
13 unique J



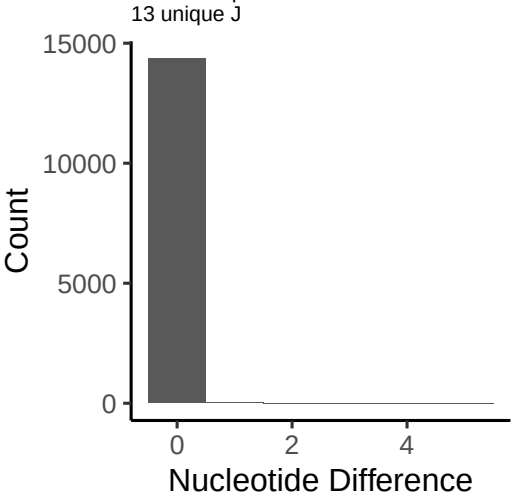
TRBV17*ap01

1 sequences assigned
No exact matches.



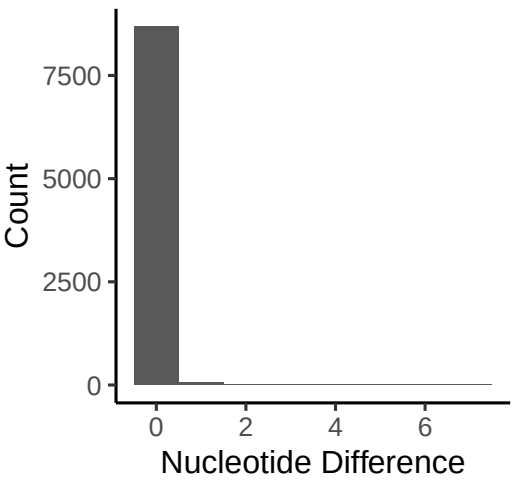
TRBV2*ap01

14412 sequences assigned
14364 (99.7%) exact matches, in which:
14331 unique CDR3
13 unique J



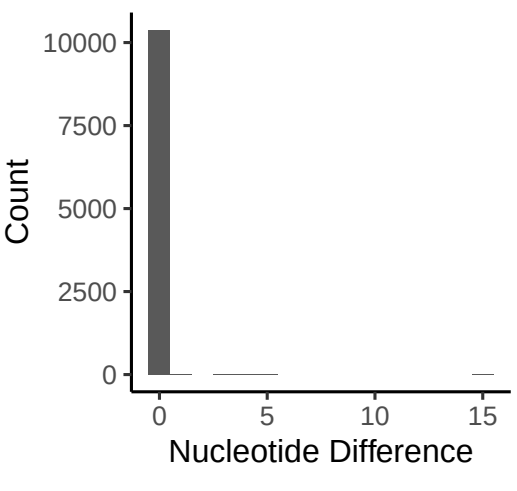
TRBV30*ap01

8745 sequences assigned
8681 (99.3%) exact matches, in which:
8664 unique CDR3
13 unique J



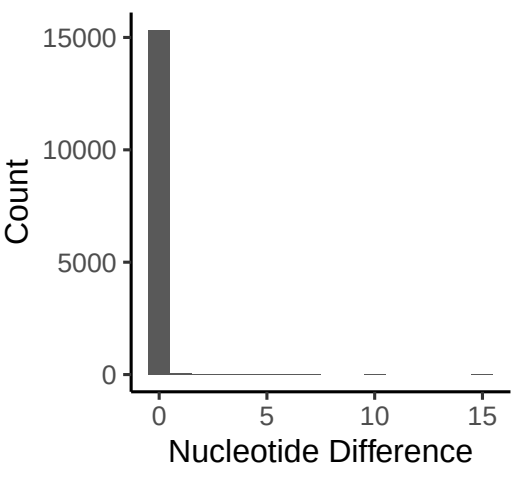
TRBV18*ap01

10401 sequences assigned
10385 (99.8%) exact matches, in which:
10380 unique CDR3
13 unique J



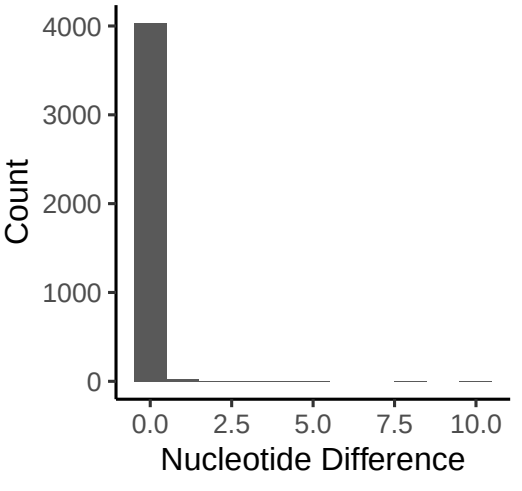
TRBV27*ap01

15414 sequences assigned
15341 (99.5%) exact matches, in which:
15303 unique CDR3
13 unique J



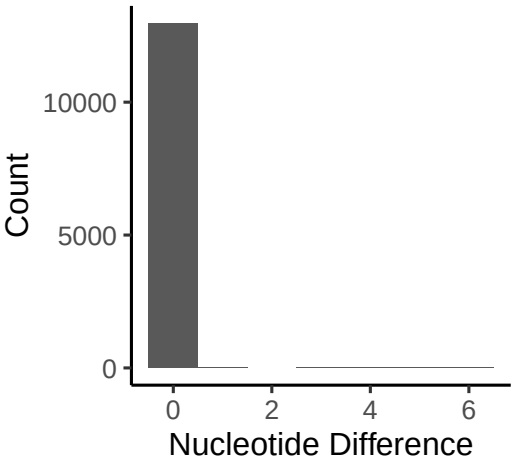
TRBV30*ap01_G298A

4067 sequences assigned
4033 (99.2%) exact matches, in which:
4020 unique CDR3
13 unique J



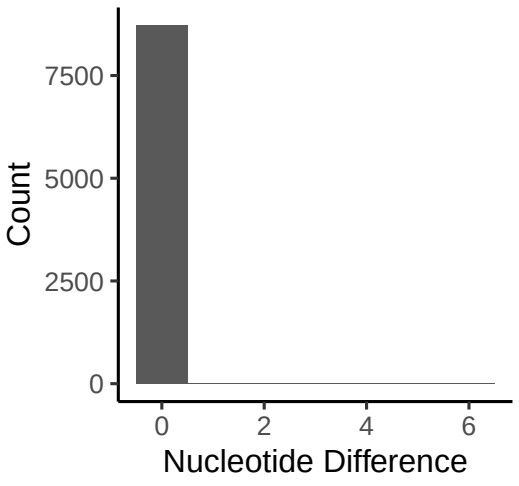
TRBV9*ap01

13000 sequences assigned
12973 (99.8%) exact matches, in which:
12966 unique CDR3
13 unique J



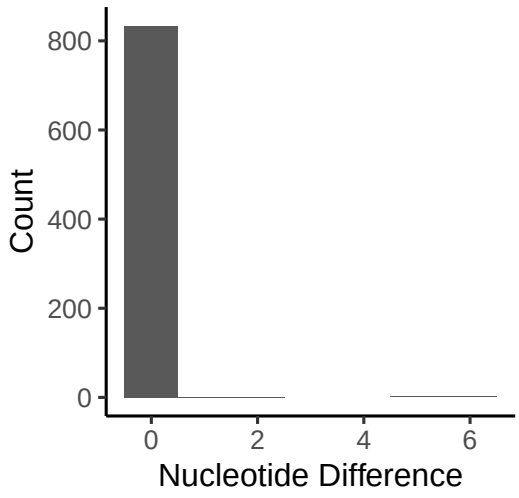
TRBV11−2*ap01

8743 sequences assigned
8720 (99.7%) exact matches, in which:
8720 unique CDR3
13 unique J



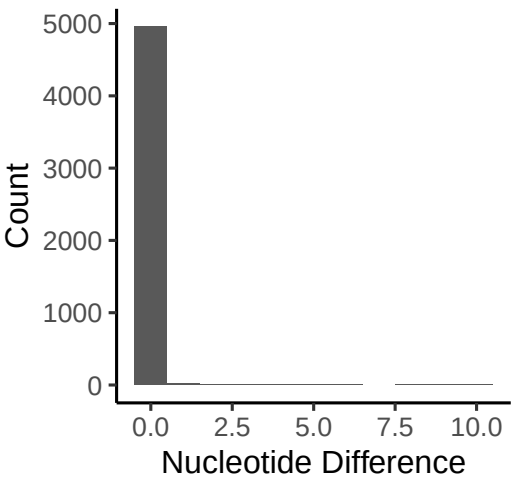
TRBV12−2*ap01

840 sequences assigned
834 (99.3%) exact matches, in which:
834 unique CDR3
13 unique J



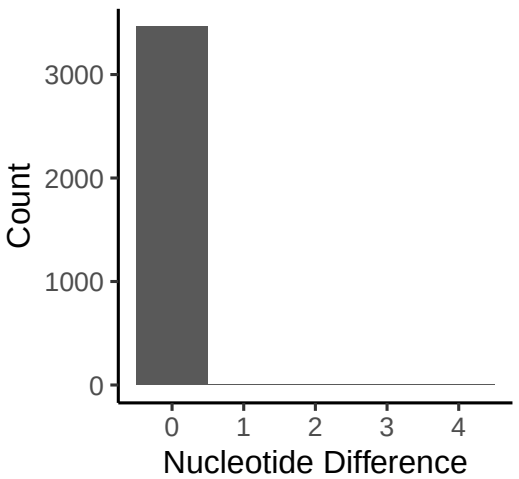
TRBV21−1*ap01

5008 sequences assigned
4956 (99%) exact matches, in which:
4955 unique CDR3
14 unique J



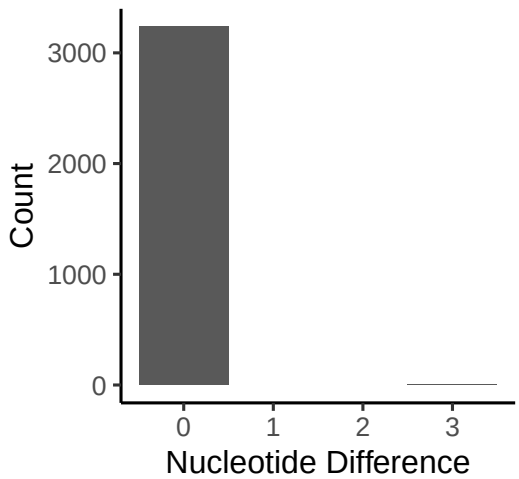
TRBV11−3*ap01

3475 sequences assigned
3462 (99.6%) exact matches, in which:
3461 unique CDR3
13 unique J



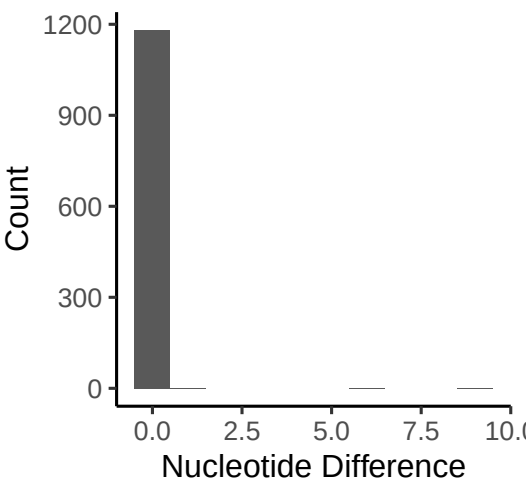
TRBV12−5*ap01

3238 sequences assigned
3236 (99.9%) exact matches, in which:
3236 unique CDR3
13 unique J



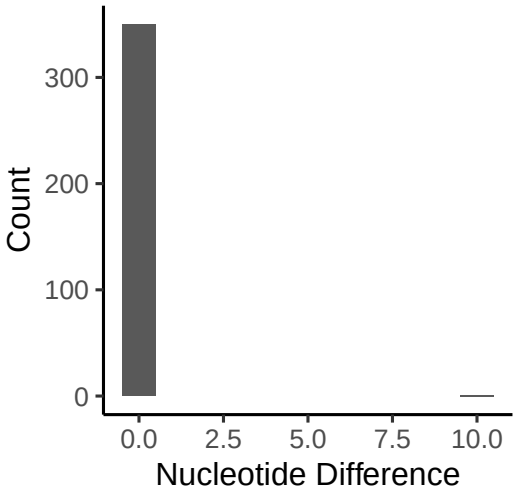
TRBV11−1*ap01

1184 sequences assigned
1181 (99.7%) exact matches, in which:
1180 unique CDR3
13 unique J



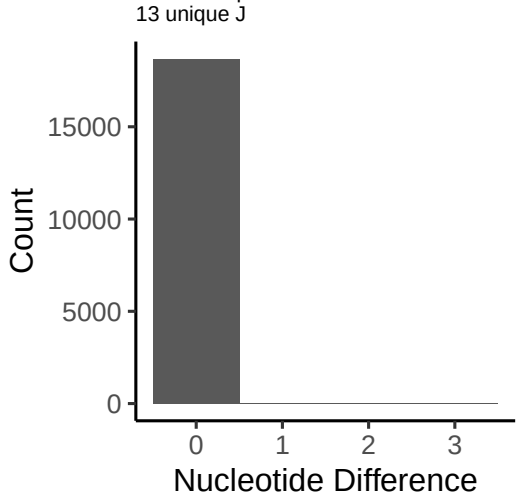
TRBV12−1*ap01

351 sequences assigned
350 (99.7%) exact matches, in which:
350 unique CDR3
13 unique J



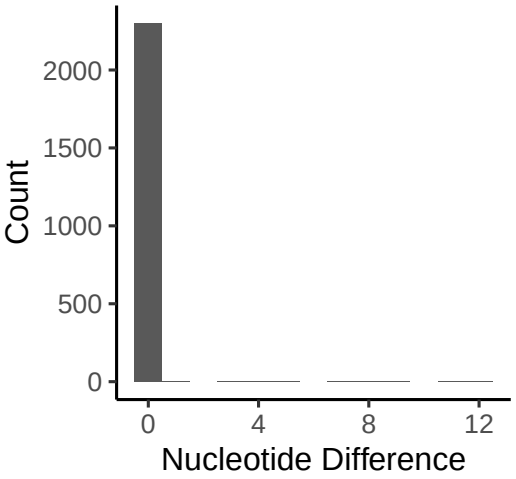
TRBV12−34*ap01

18726 sequences assigned
18684 (99.8%) exact matches, in which:
18679 unique CDR3
13 unique J



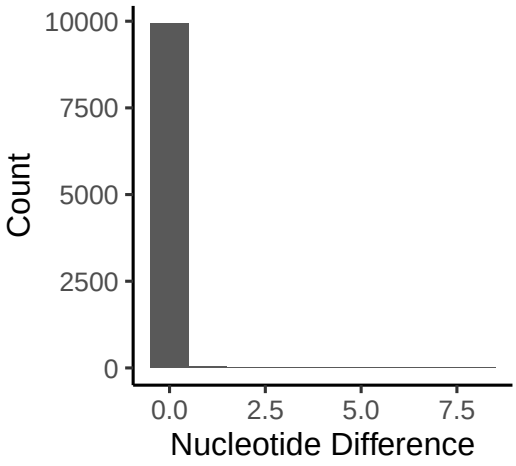
TRBV23−1*ap01

2314 sequences assigned
2299 (99.4%) exact matches, in which:
2298 unique CDR3
13 unique J



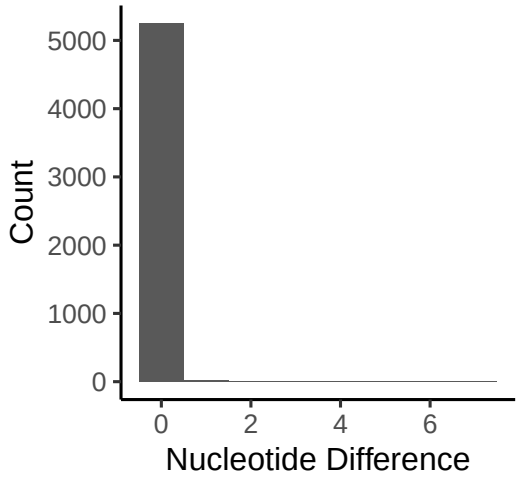
TRBV24−1*ap01

10013 sequences assigned
9944 (99.3%) exact matches, in which:
9925 unique CDR3
13 unique J



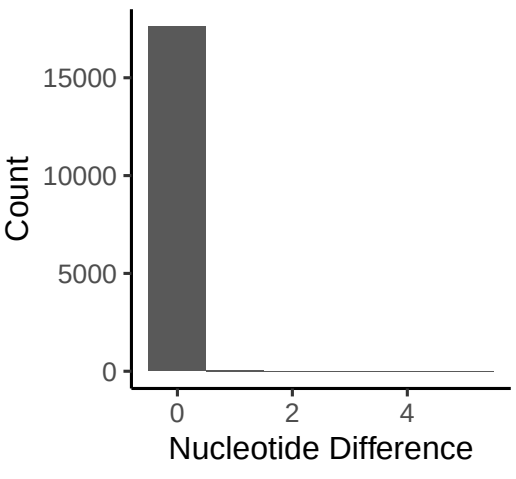
TRBV25−1*ap01

5284 sequences assigned
5249 (99.3%) exact matches, in which:
5229 unique CDR3
13 unique J



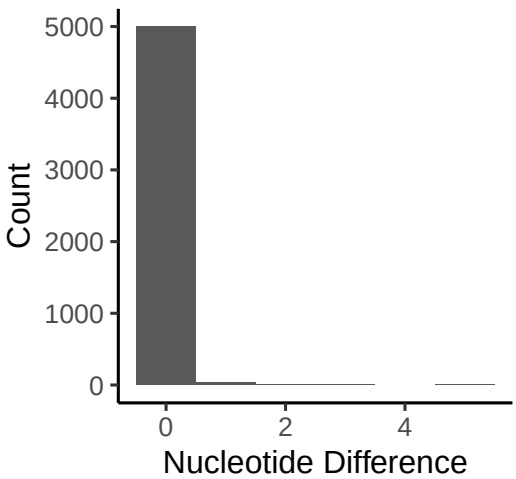
TRBV3−12*ap01

17692 sequences assigned
17621 (99.6%) exact matches, in which:
17587 unique CDR3
13 unique J



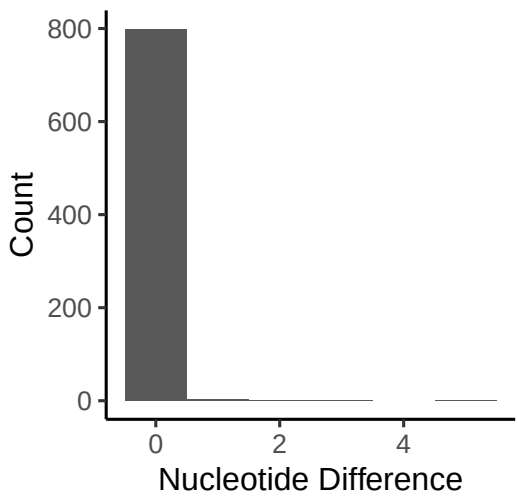
TRBV4−2*ap01

5031 sequences assigned
4997 (99.3%) exact matches, in which:
4991 unique CDR3
13 unique J



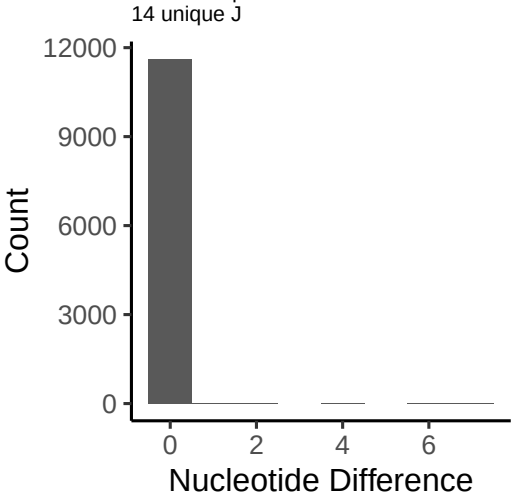
TRBV5−3*ap01

808 sequences assigned
799 (98.9%) exact matches, in which:
799 unique CDR3
13 unique J



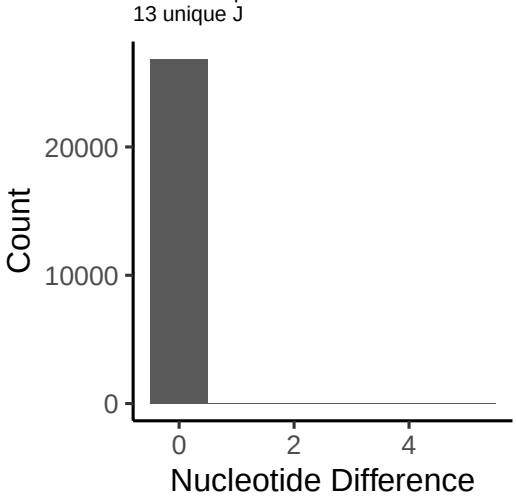
TRBV4−1*ap01

11648 sequences assigned
11624 (99.8%) exact matches, in which:
11620 unique CDR3
14 unique J



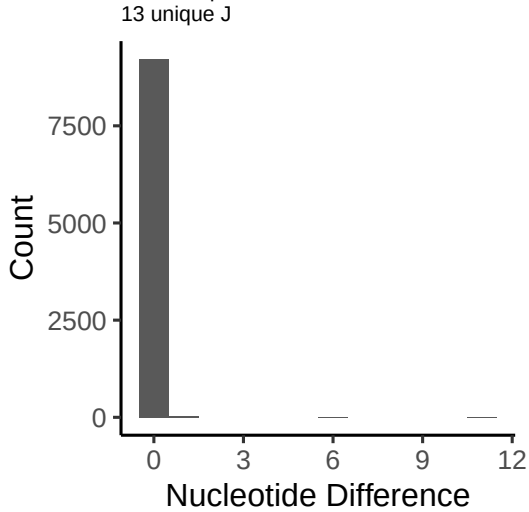
TRBV5−1*ap01

26932 sequences assigned
26872 (99.8%) exact matches, in which:
26819 unique CDR3
13 unique J



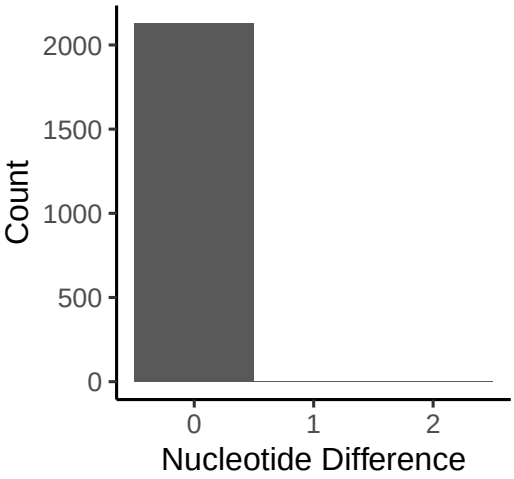
TRBV5−4*ap01

9250 sequences assigned
9218 (99.7%) exact matches, in which:
9214 unique CDR3
13 unique J



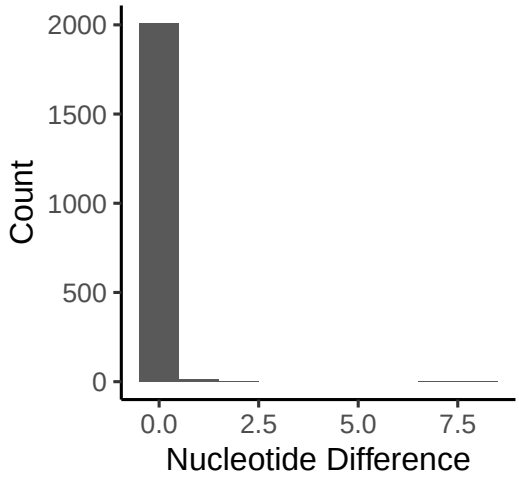
TRBV5−5*ap01

2135 sequences assigned
2128 (99.7%) exact matches, in which:
2128 unique CDR3
13 unique J



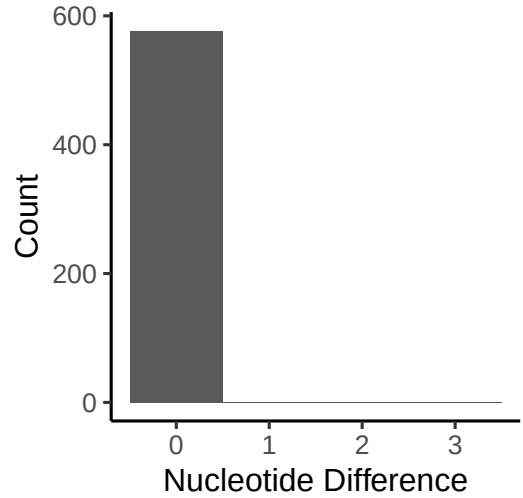
TRBV5−8*ap01

2026 sequences assigned
2008 (99.1%) exact matches, in which:
2008 unique CDR3
13 unique J



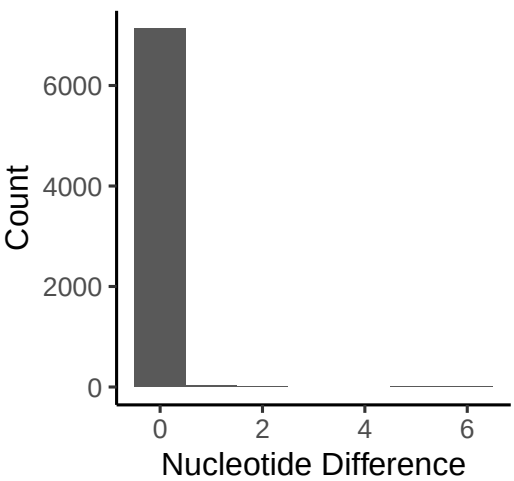
TRBV6−7*ap01

580 sequences assigned
577 (99.5%) exact matches, in which:
577 unique CDR3
13 unique J



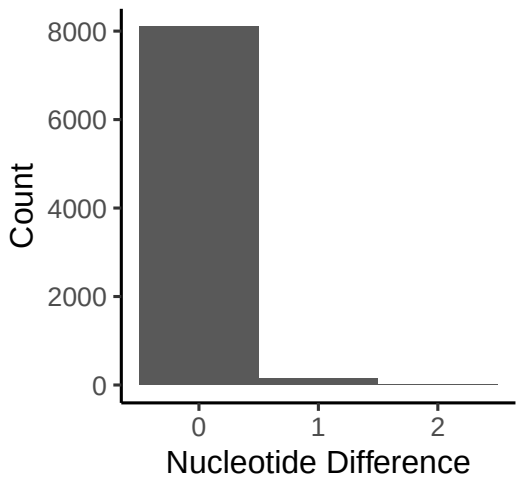
TRBV5−6*ap01

7154 sequences assigned
7130 (99.7%) exact matches, in which:
7085 unique CDR3
13 unique J



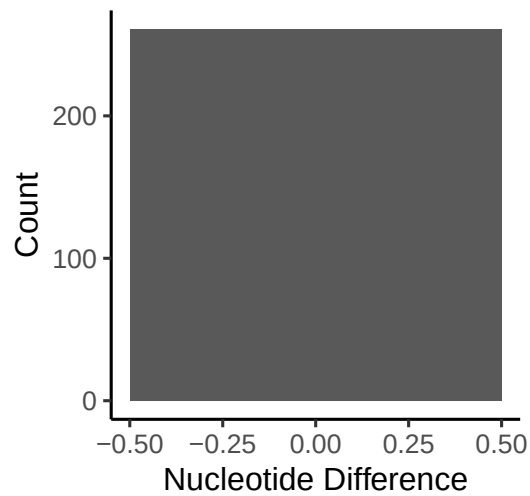
TRBV6−1*ap01

8244 sequences assigned
8099 (98.2%) exact matches, in which:
8087 unique CDR3
14 unique J



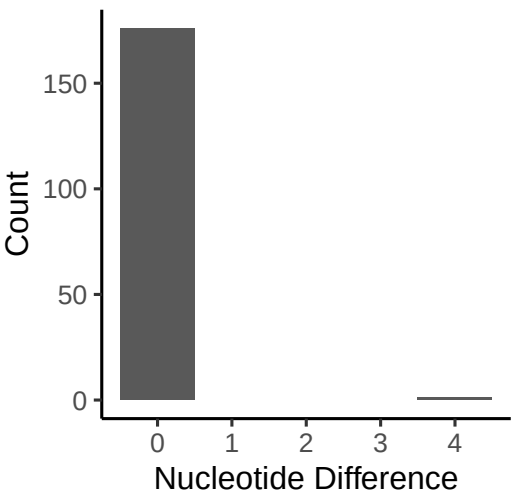
TRBV6−8*ap01

261 sequences assigned
261 (100%) exact matches, in which:
261 unique CDR3
13 unique J



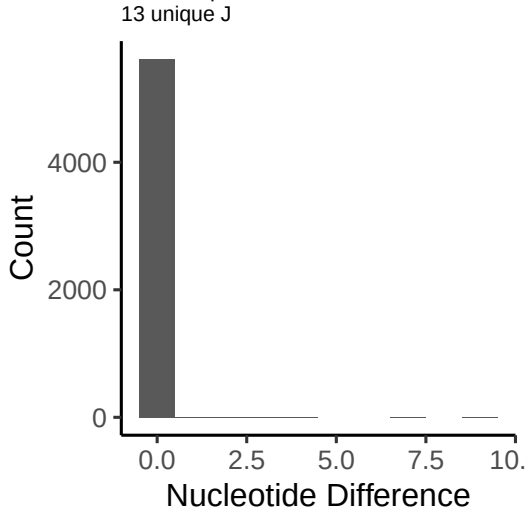
TRBV5−7*ap01

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



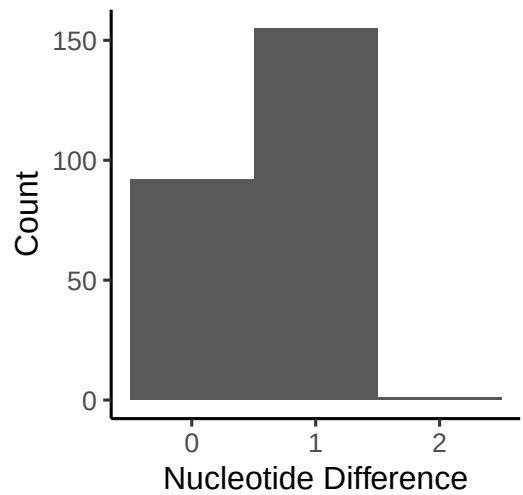
TRBV6−4*ap01

5639 sequences assigned
5619 (99.6%) exact matches, in which:
5615 unique CDR3
13 unique J



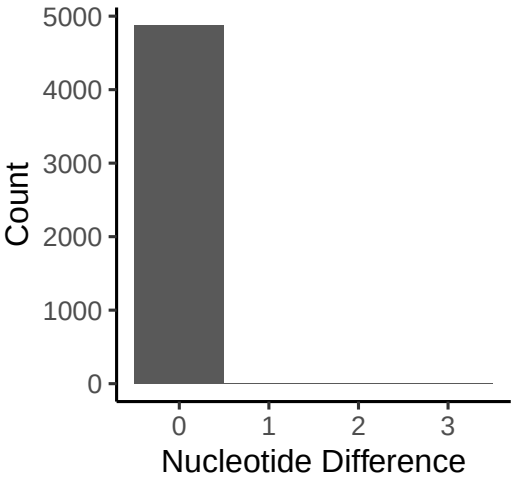
TRBV6−9*ap01

248 sequences assigned
92 (37.1%) exact matches, in which:
92 unique CDR3
11 unique J



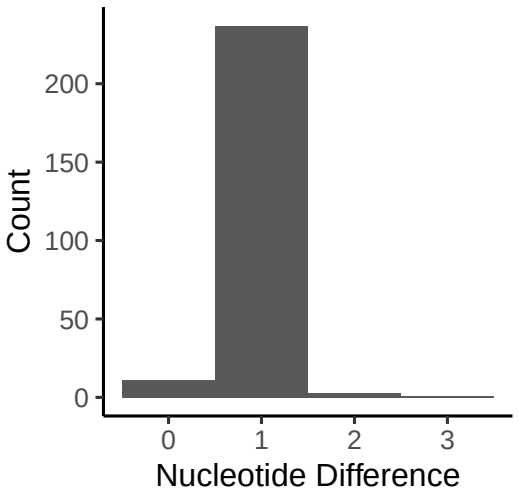
TRBV6−23*ap01

4885 sequences assigned
4874 (99.8%) exact matches, in which:
4868 unique CDR3
13 unique J



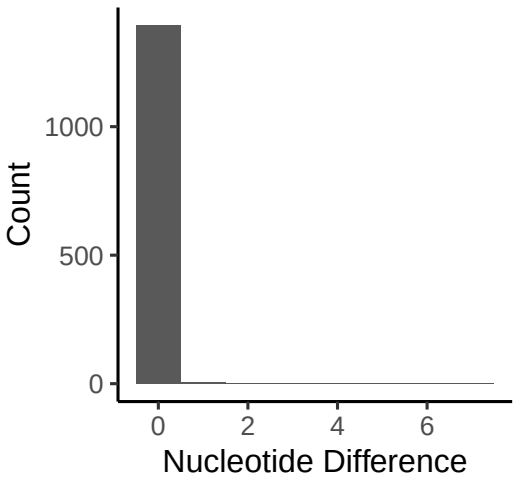
TRBV7−1*ap01_T296C_(

252 sequences assigned
11 (4.4%) exact matches, in which:
11 unique CDR3
10 unique J



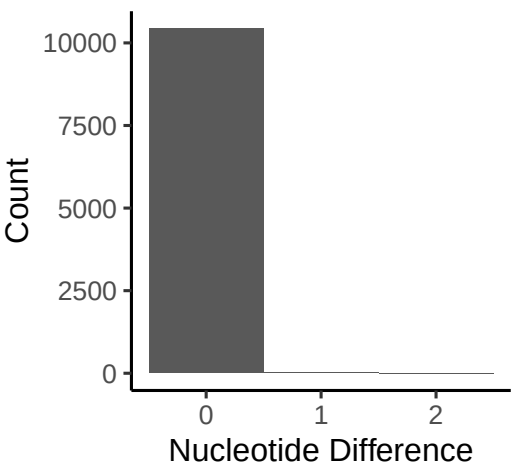
TRBV7−3*ap03

1406 sequences assigned
1394 (99.1%) exact matches, in which:
1394 unique CDR3
12 unique J



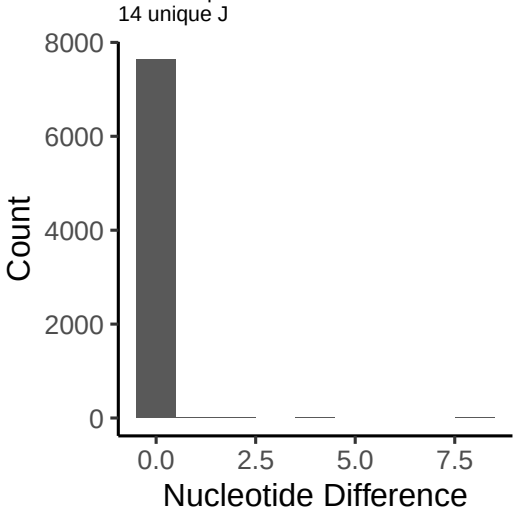
TRBV6−56*ap01

10467 sequences assigned
10437 (99.7%) exact matches, in which:
10419 unique CDR3
13 unique J



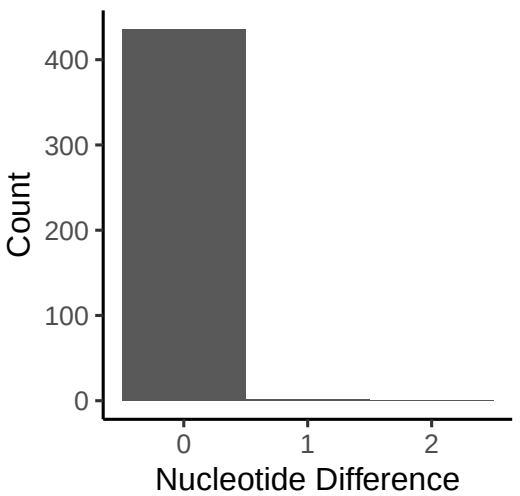
TRBV7−2*ap01

7645 sequences assigned
7631 (99.8%) exact matches, in which:
7629 unique CDR3
14 unique J



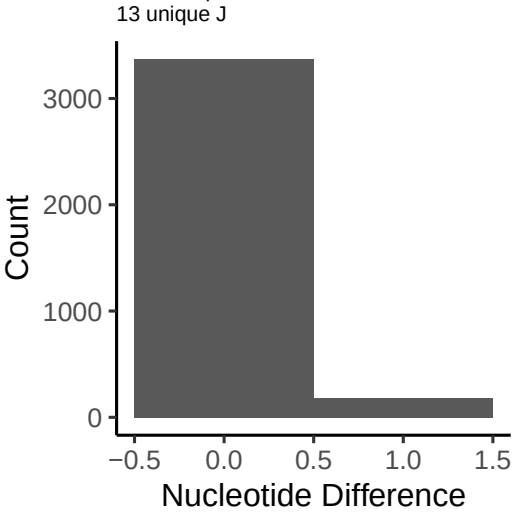
TRBV7−4*ap01

439 sequences assigned
436 (99.3%) exact matches, in which:
436 unique CDR3
13 unique J



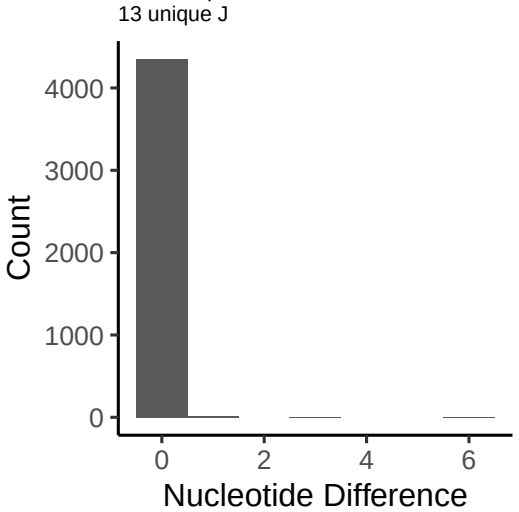
TRBV6−56*ap02

3555 sequences assigned
3371 (94.8%) exact matches, in which:
3367 unique CDR3
13 unique J



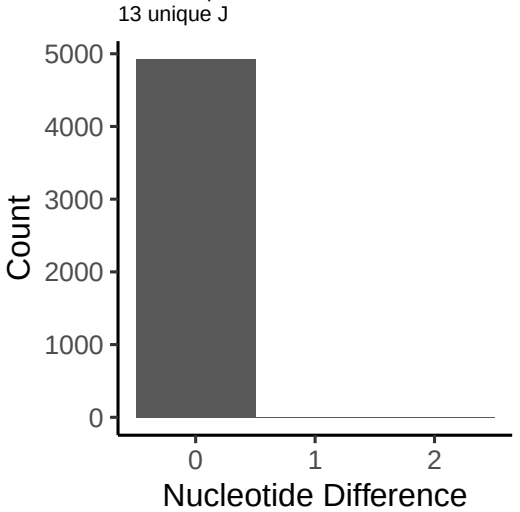
TRBV7−3*ap01

4367 sequences assigned
4351 (99.6%) exact matches, in which:
4345 unique CDR3
13 unique J



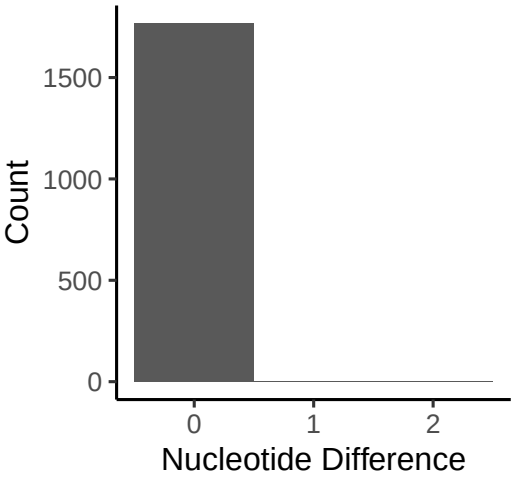
TRBV7−6*ap01

4932 sequences assigned
4927 (99.9%) exact matches, in which:
4924 unique CDR3
13 unique J



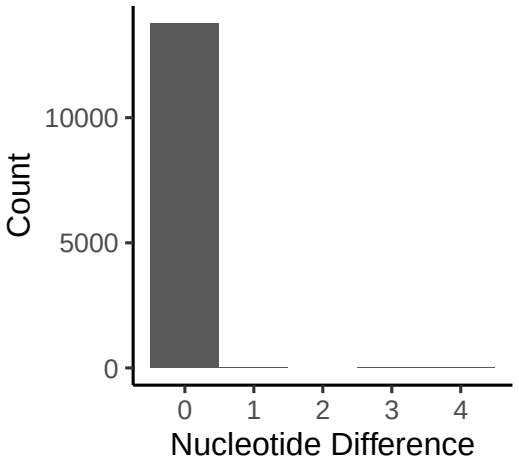
TRBV7−7*ap01

1769 sequences assigned
1767 (99.9%) exact matches, in which:
1765 unique CDR3
13 unique J



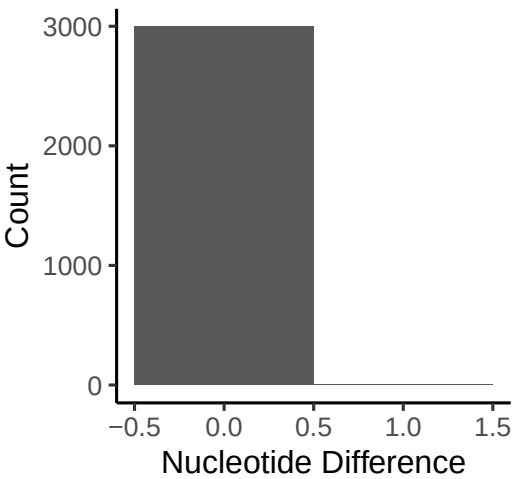
TRBV7−9*ap01

13801 sequences assigned
13777 (99.8%) exact matches, in which:
13772 unique CDR3
14 unique J



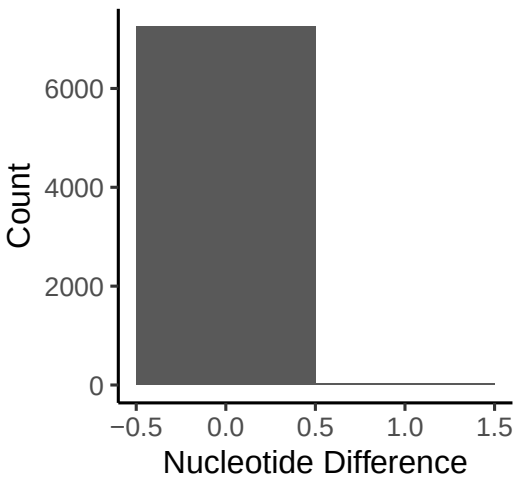
TRBV7−8*ap01

2999 sequences assigned
2996 (99.9%) exact matches, in which:
2994 unique CDR3
13 unique J



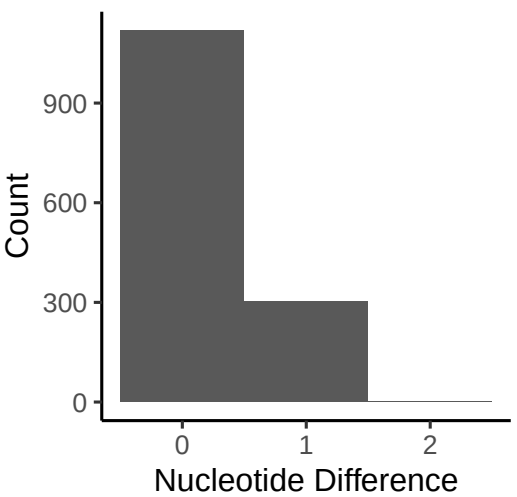
TRBV29−1*ap01

7278 sequences assigned
7249 (99.6%) exact matches, in which:
7236 unique CDR3
13 unique J



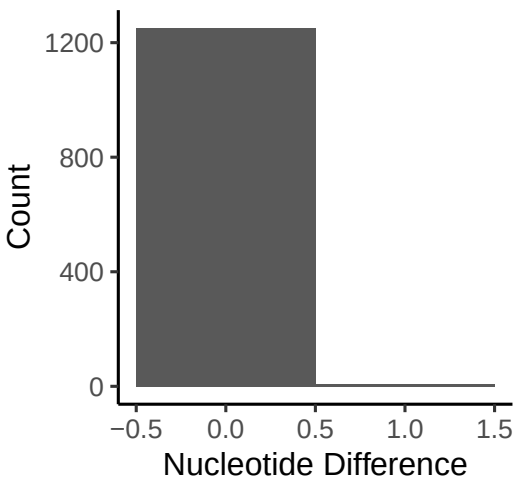
TRBV7−8*ap03

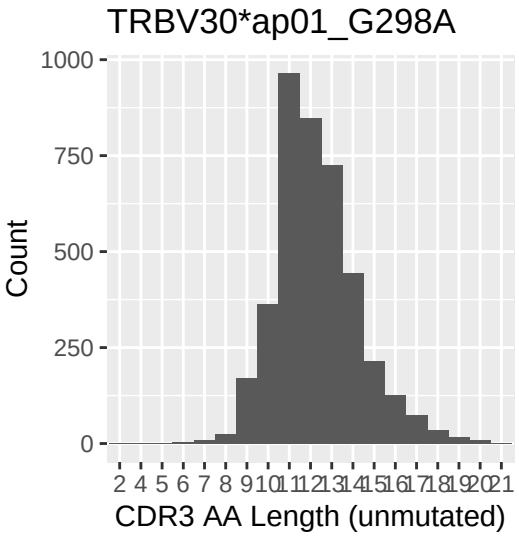
1424 sequences assigned
1119 (78.6%) exact matches, in which:
1117 unique CDR3
13 unique J

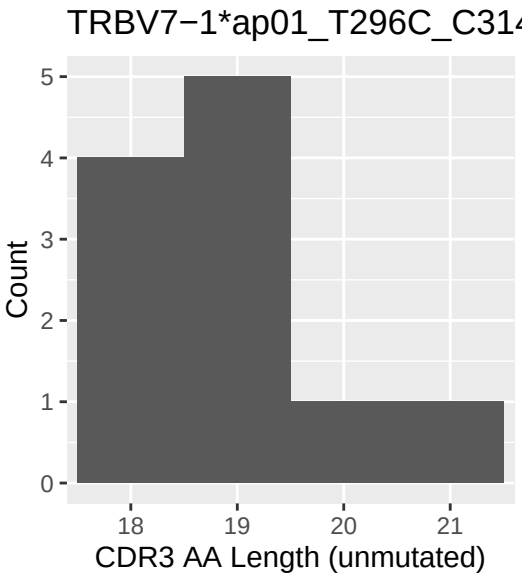


TRBV29−1*ap02

1260 sequences assigned
1251 (99.3%) exact matches, in which:
1250 unique CDR3
13 unique J




TRBV30*ap01_G298A
1000
750
500
250
0
Count
2 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21
CDR3 AA Length (unmutated)


TRBV7−1*ap01_T296C_C314T
5
4
3
2
1
0
Count
18
19
20
21
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
TRBJ2−2P
Gene
01
02

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.