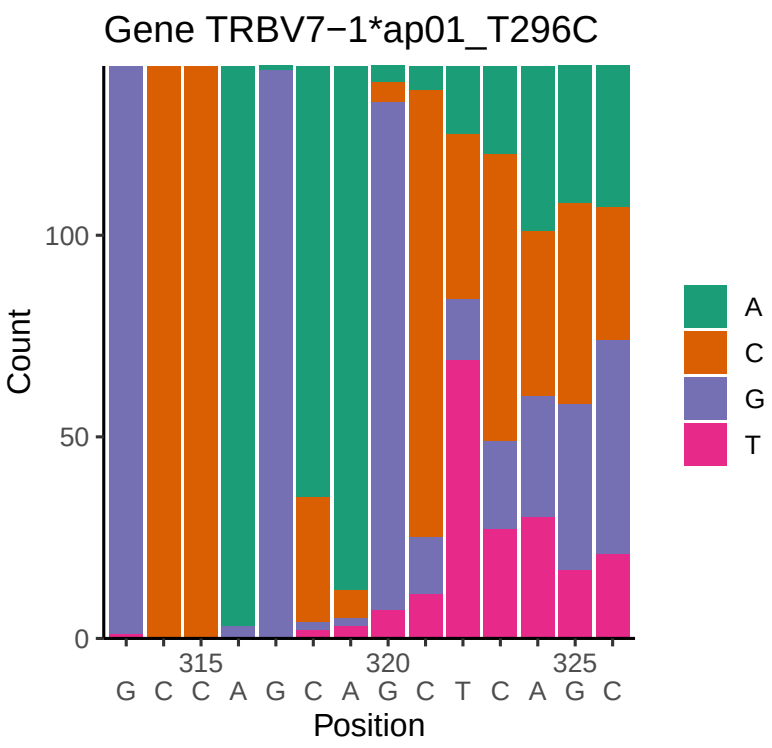
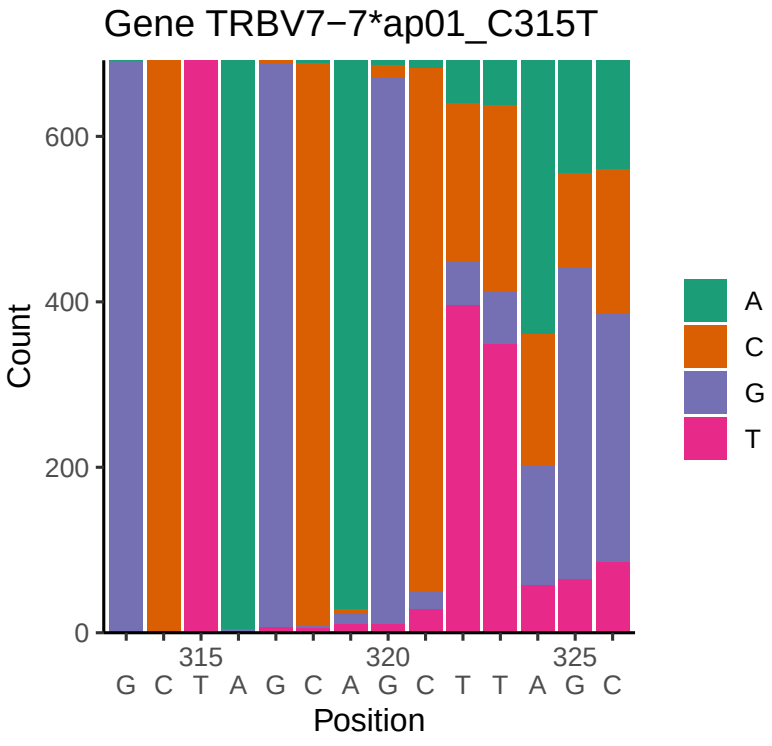
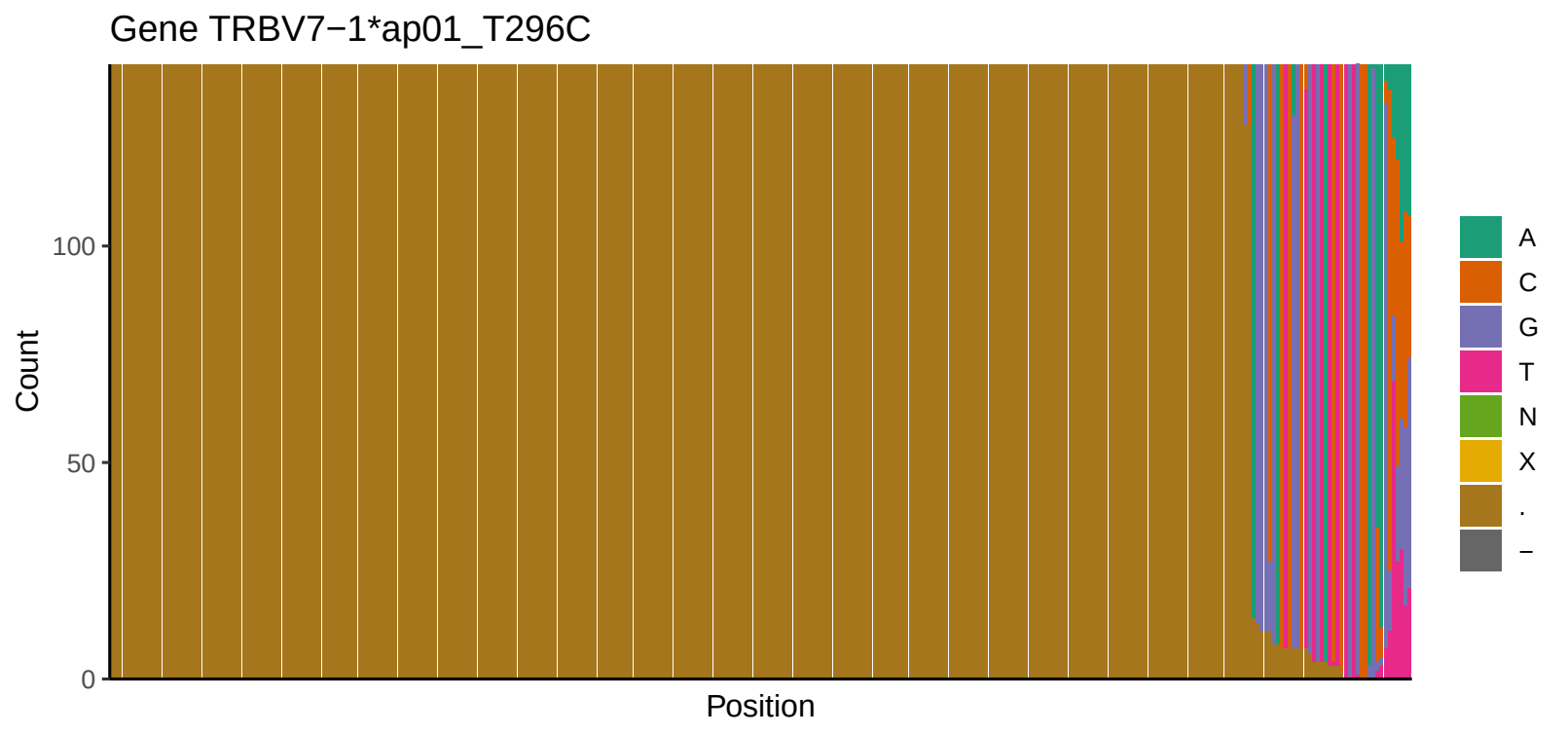
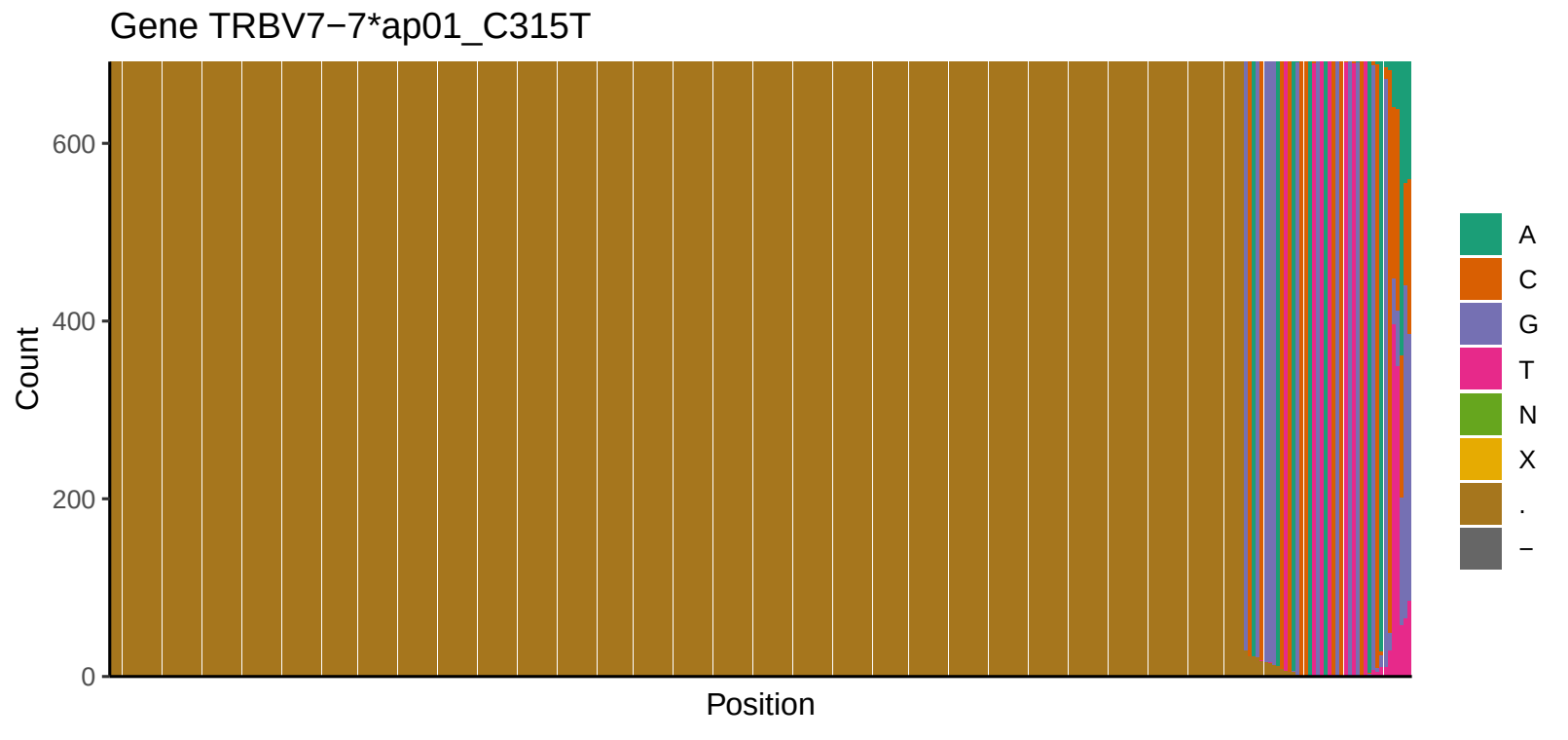
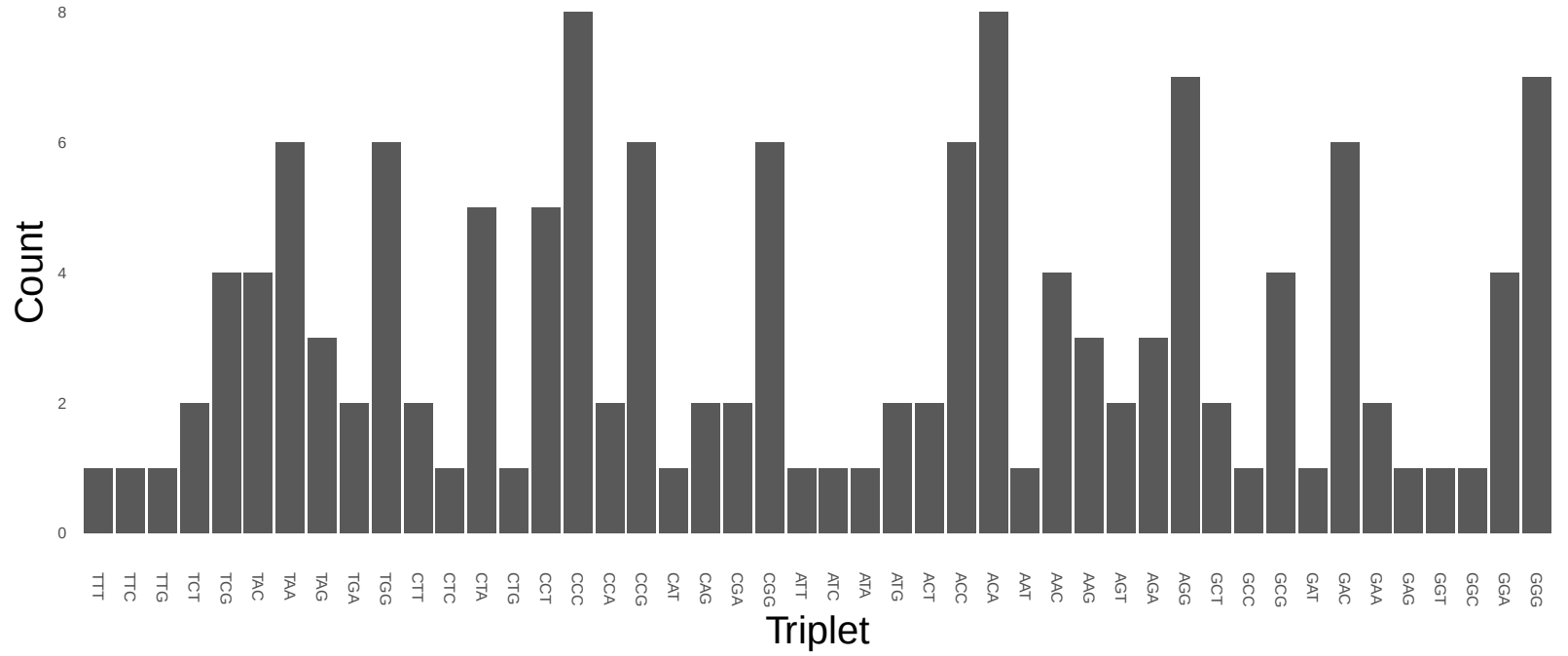

Gene TRBV7−1*ap01_T296C
Count
100
50
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


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

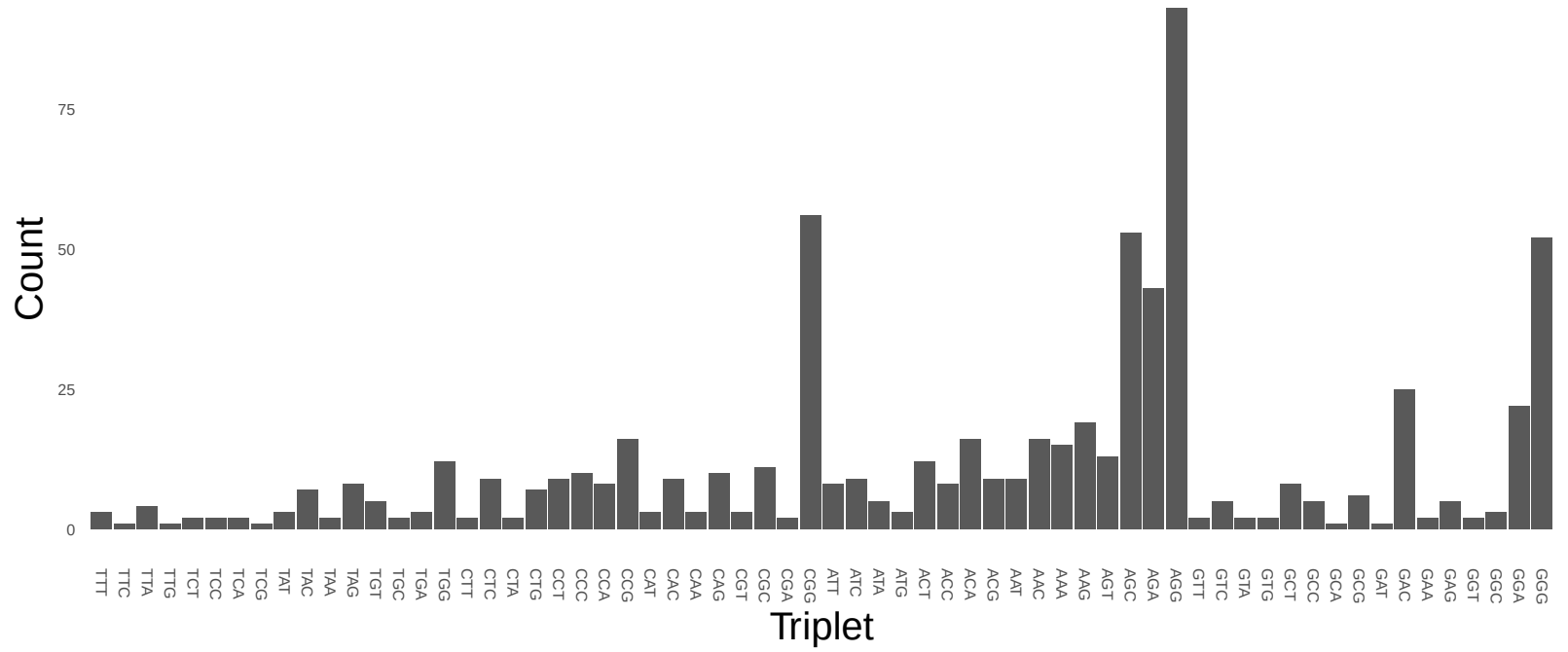

Gene TRBV7−1*ap01_T296C
Count
100
50
0
Position
A
C
G
T
N
X
.
–


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

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

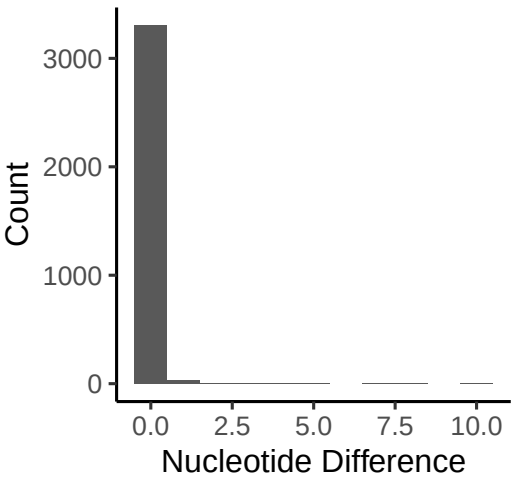


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



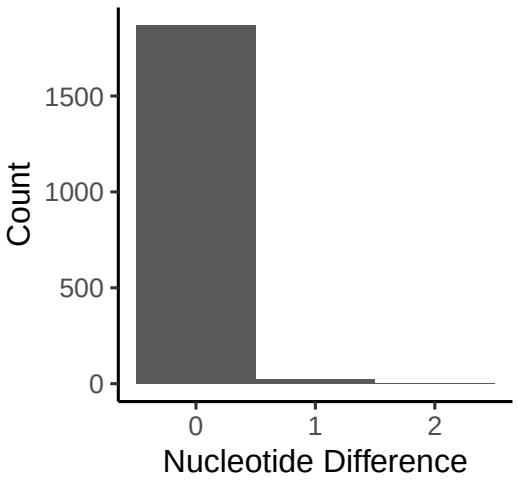
TRBV10−1*ap01

3345 sequences assigned
3304 (98.8%) exact matches, in which:
3220 unique CDR3
13 unique J



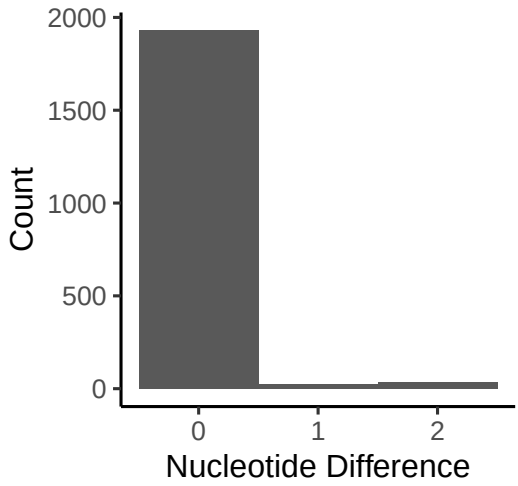
TRBV10−2*ap01

1893 sequences assigned
1868 (98.7%) exact matches, in which:
1810 unique CDR3
13 unique J



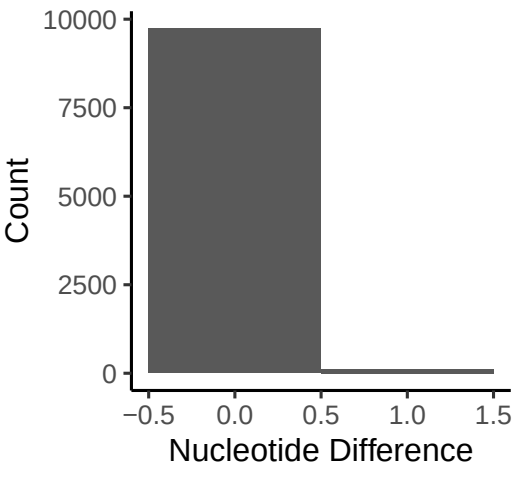
TRBV13*ap01

1990 sequences assigned
1930 (97%) exact matches, in which:
1882 unique CDR3
13 unique J



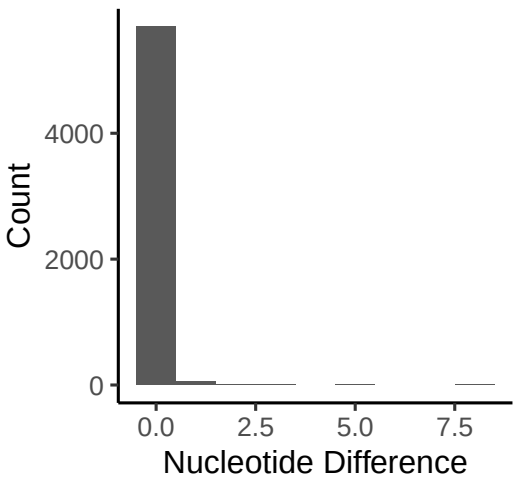
TRBV20−1*ap01

9853 sequences assigned
9738 (98.8%) exact matches, in which:
9588 unique CDR3
13 unique J



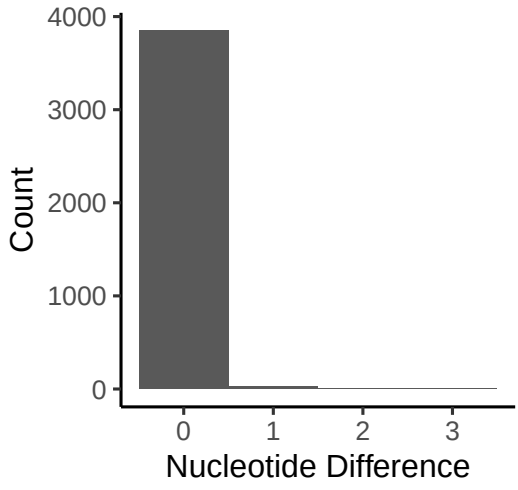
TRBV10−3*ap01

5755 sequences assigned
5693 (98.9%) exact matches, in which:
5545 unique CDR3
13 unique J



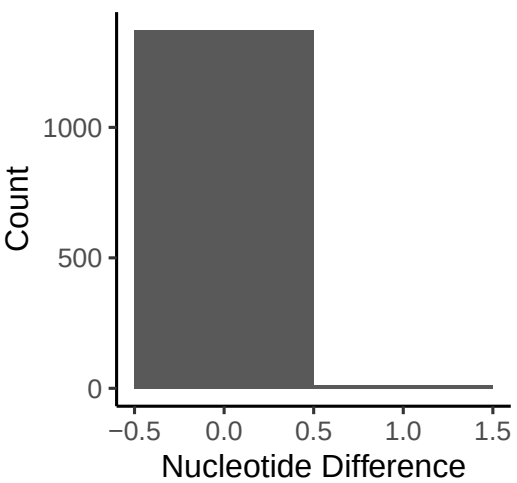
TRBV14*ap01

3873 sequences assigned
3848 (99.4%) exact matches, in which:
3787 unique CDR3
13 unique J



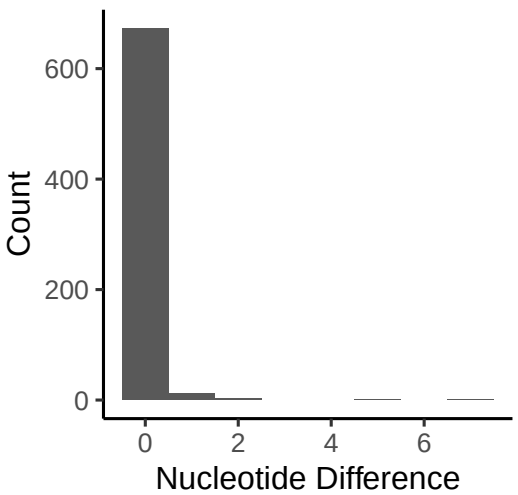
TRBV20−1*ap02

1385 sequences assigned
1373 (99.1%) exact matches, in which:
1354 unique CDR3
13 unique J



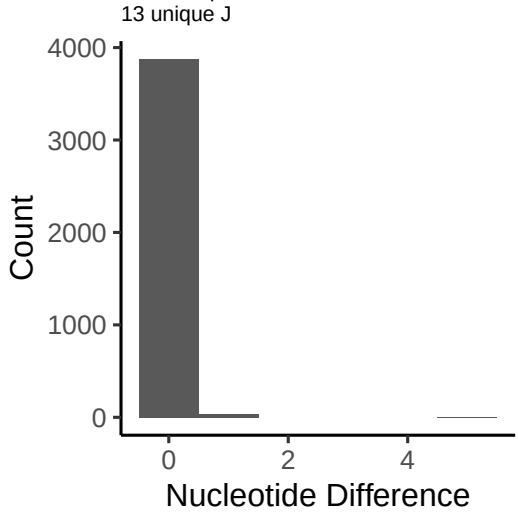
TRBV1*ap01

688 sequences assigned
673 (97.8%) exact matches, in which:
654 unique CDR3
13 unique J



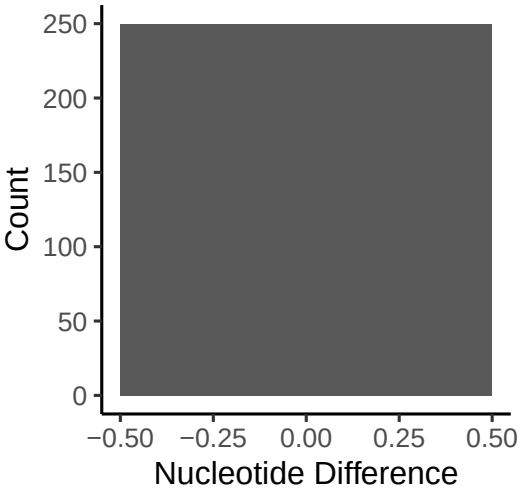
TRBV15*ap02

3915 sequences assigned
3876 (99%) exact matches, in which:
3787 unique CDR3
13 unique J



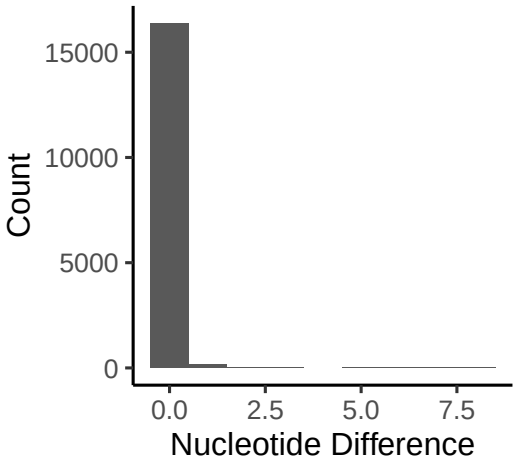
TRBV16*ap01

250 sequences assigned
250 (100%) exact matches, in which:
247 unique CDR3
13 unique J



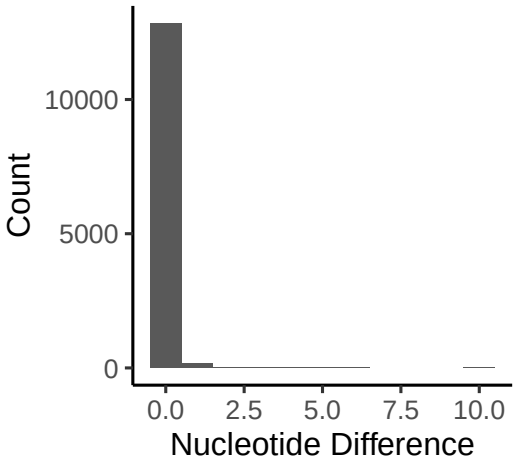
TRBV19*ap01

16545 sequences assigned
16383 (99%) exact matches, in which:
16194 unique CDR3
13 unique J



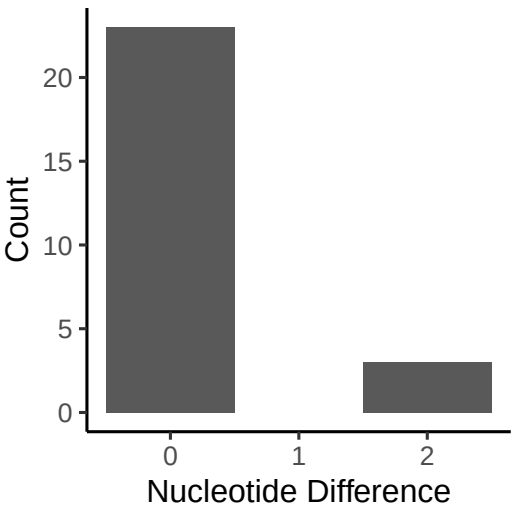
TRBV27*ap01

13035 sequences assigned
12844 (98.5%) exact matches, in which:
12547 unique CDR3
13 unique J



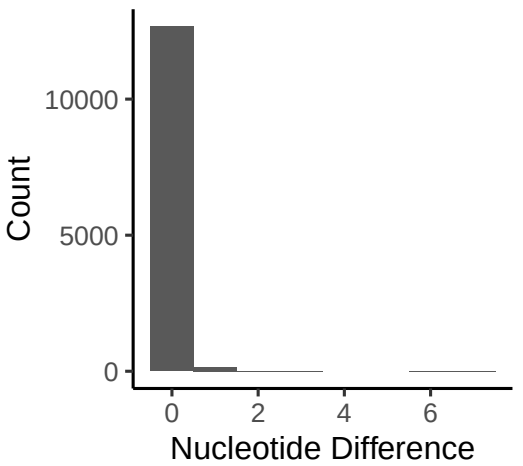
TRBV17*ap01

26 sequences assigned
23 (88.5%) exact matches, in which:
23 unique CDR3
9 unique J



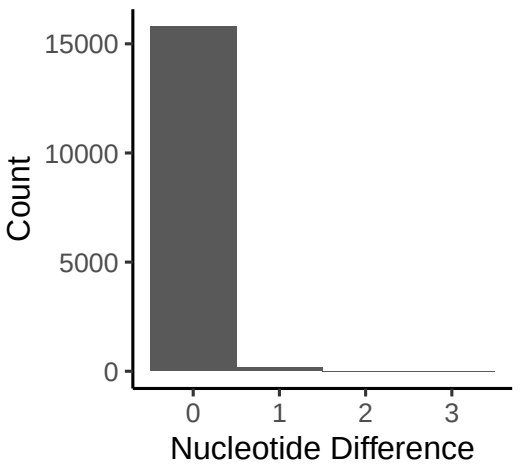
TRBV2*ap01

12835 sequences assigned
12670 (98.7%) exact matches, in which:
12440 unique CDR3
13 unique J



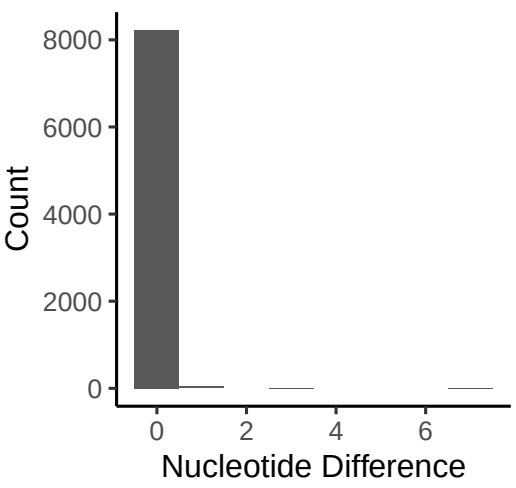
TRBV28*ap01

15963 sequences assigned
15796 (99%) exact matches, in which:
15493 unique CDR3
13 unique J



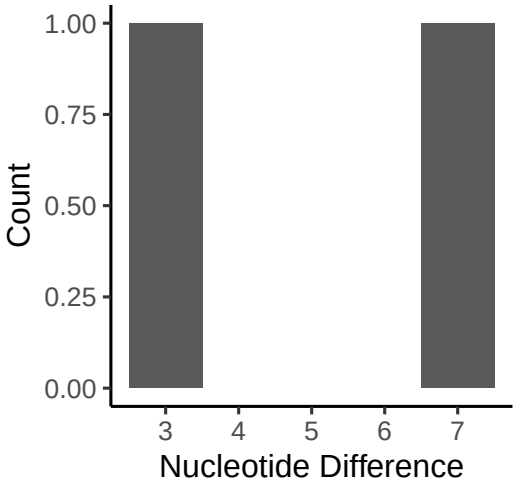
TRBV18*ap01

8270 sequences assigned
8225 (99.5%) exact matches, in which:
8109 unique CDR3
13 unique J



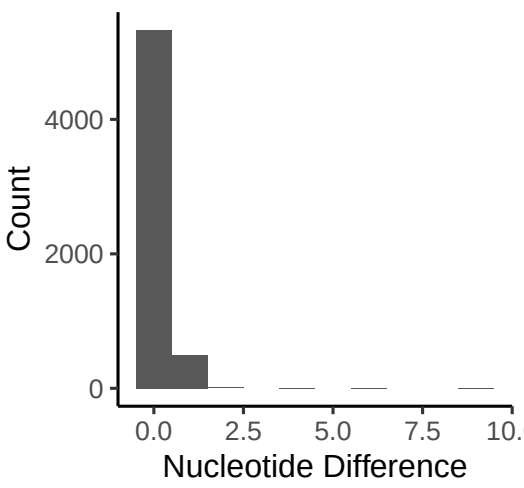
TRBV26*ap01

2 sequences assigned
No exact matches.



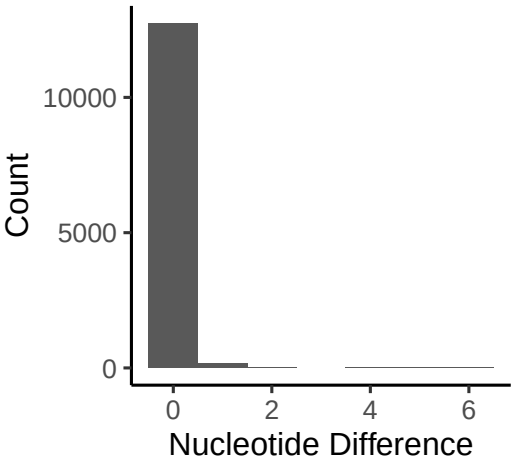
TRBV30*ap01

5848 sequences assigned
5329 (91.1%) exact matches, in which:
5260 unique CDR3
13 unique J



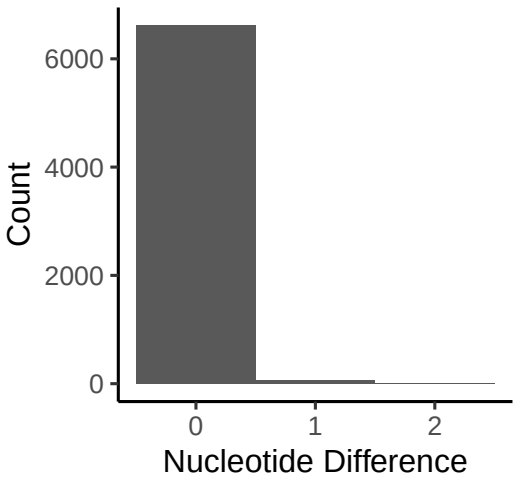
TRBV9*ap01

12905 sequences assigned
12745 (98.8%) exact matches, in which:
12500 unique CDR3
13 unique J



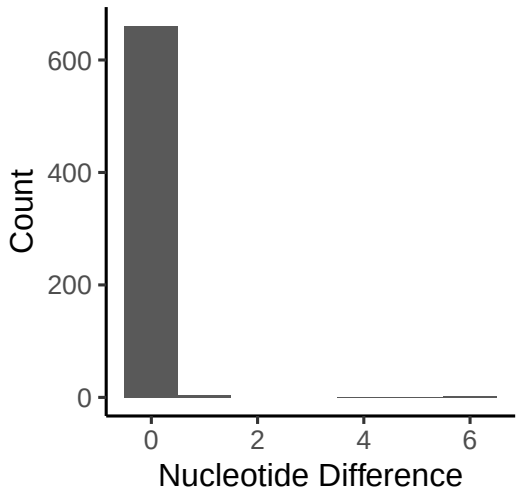
TRBV11−2*ap01

6682 sequences assigned
6617 (99%) exact matches, in which:
6477 unique CDR3
13 unique J



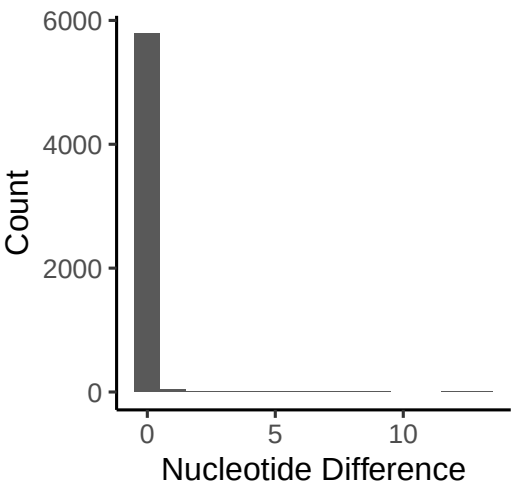
TRBV12−2*ap01

669 sequences assigned
661 (98.8%) exact matches, in which:
649 unique CDR3
13 unique J



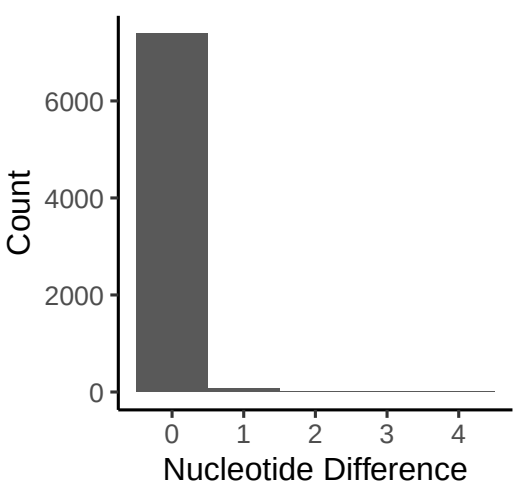
TRBV21−1*ap01

5857 sequences assigned
5785 (98.8%) exact matches, in which:
5683 unique CDR3
13 unique J



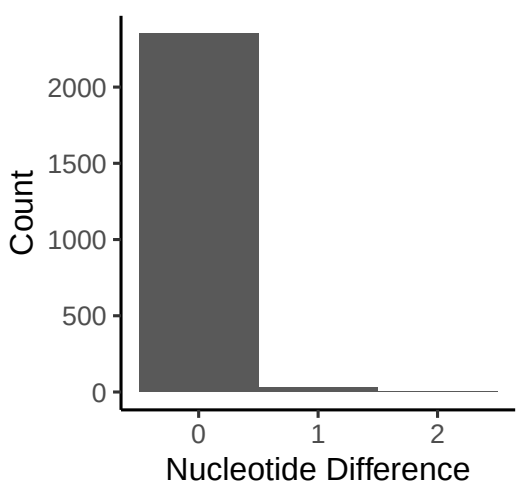
TRBV11−3*ap01

7455 sequences assigned
7385 (99.1%) exact matches, in which:
7231 unique CDR3
13 unique J



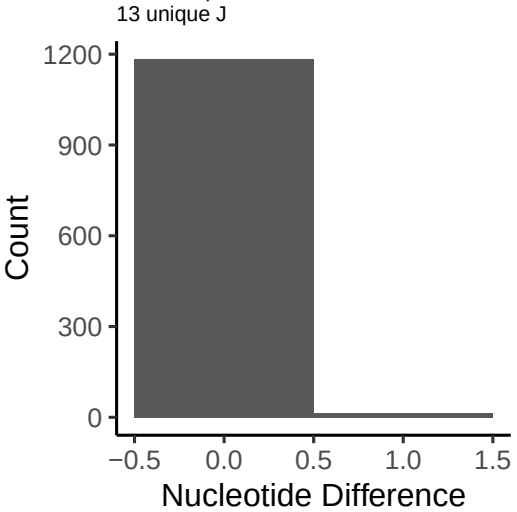
TRBV12−5*ap01

2380 sequences assigned
2350 (98.7%) exact matches, in which:
2299 unique CDR3
13 unique J



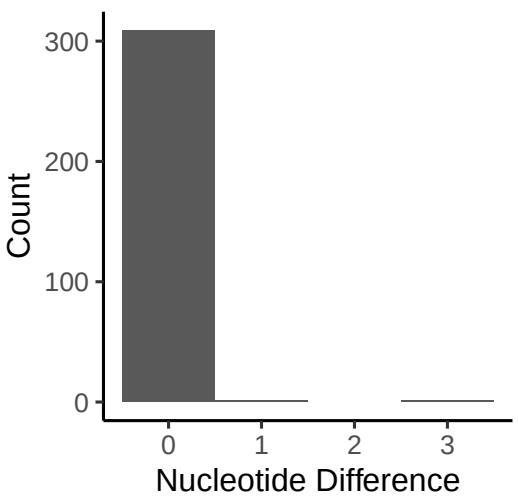
TRBV11−1*ap01

1198 sequences assigned
1184 (98.8%) exact matches, in which:
1155 unique CDR3
13 unique J



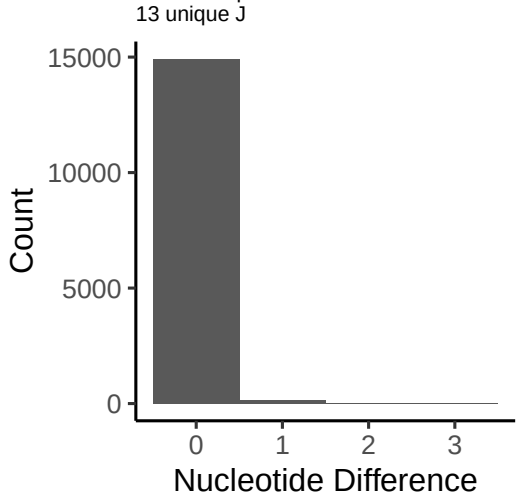
TRBV12−1*ap01

311 sequences assigned
309 (99.4%) exact matches, in which:
309 unique CDR3
13 unique J



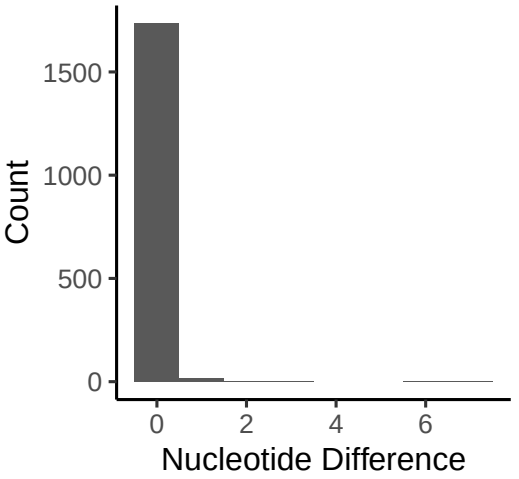
TRBV12−34*ap01

15104 sequences assigned
14926 (98.8%) exact matches, in which:
14639 unique CDR3
13 unique J



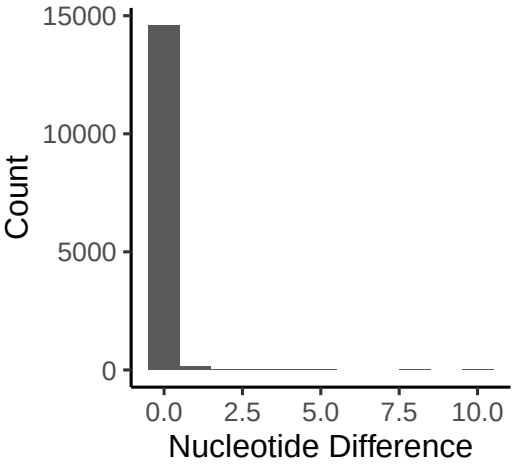
TRBV23−1*ap01

1759 sequences assigned
1735 (98.6%) exact matches, in which:
1693 unique CDR3
13 unique J



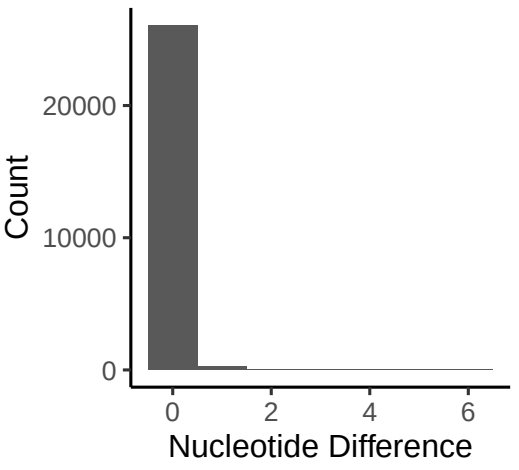
TRBV24−1*ap01

14784 sequences assigned
14601 (98.8%) exact matches, in which:
14389 unique CDR3
13 unique J



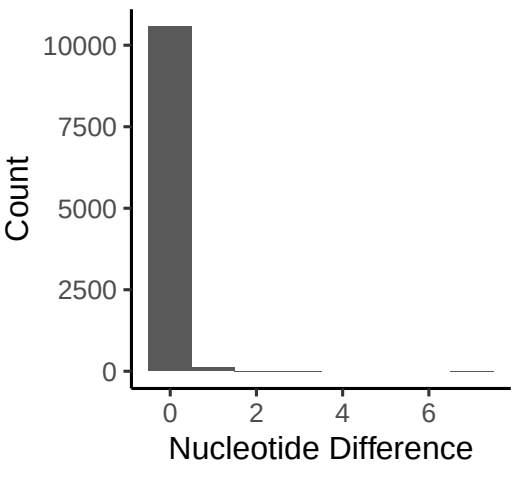
TRBV5−1*ap01

26397 sequences assigned
26080 (98.8%) exact matches, in which:
25466 unique CDR3
13 unique J



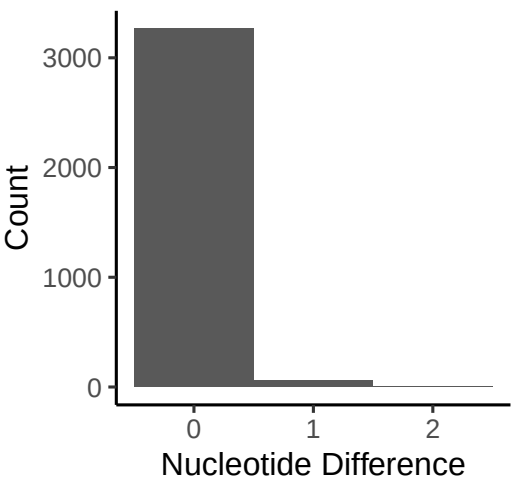
TRBV3−12*ap01

10696 sequences assigned
10575 (98.9%) exact matches, in which:
10346 unique CDR3
13 unique J



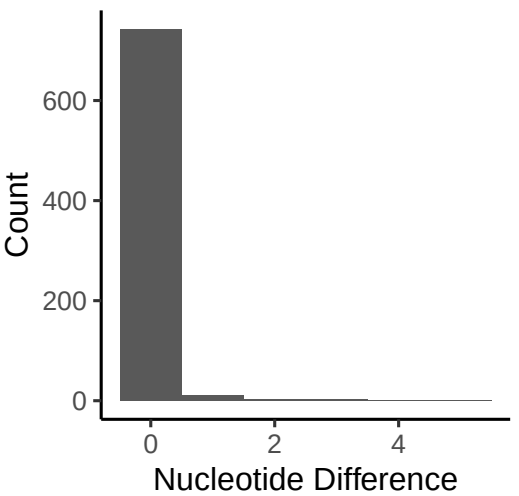
TRBV4−2*ap01

3326 sequences assigned
3265 (98.2%) exact matches, in which:
3192 unique CDR3
13 unique J



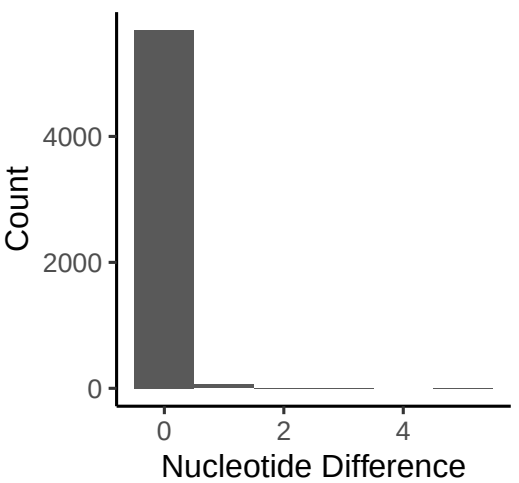
TRBV5−3*ap01

762 sequences assigned
743 (97.5%) exact matches, in which:
733 unique CDR3
13 unique J



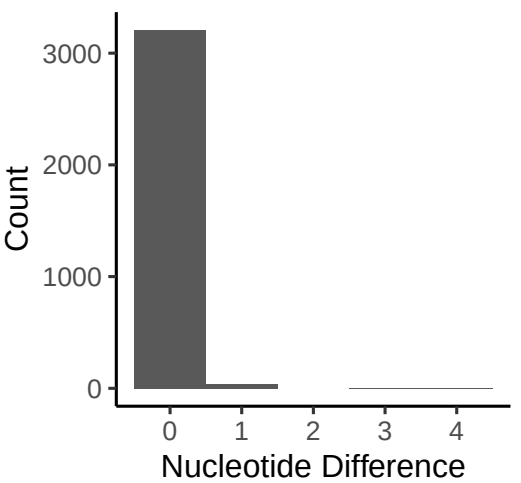
TRBV4−1*ap01

5757 sequences assigned
5689 (98.8%) exact matches, in which:
5546 unique CDR3
13 unique J



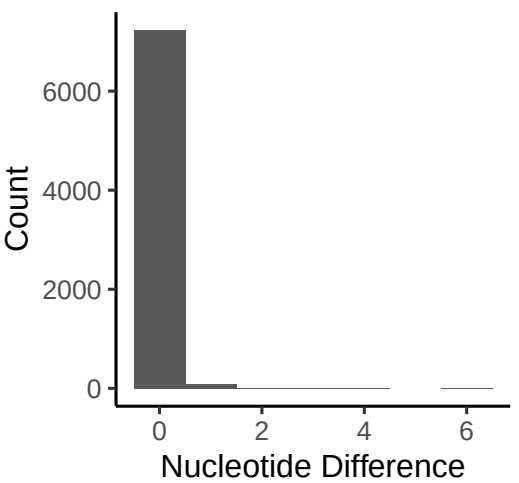
TRBV25−1*ap01

3253 sequences assigned
3207 (98.6%) exact matches, in which:
3165 unique CDR3
13 unique J



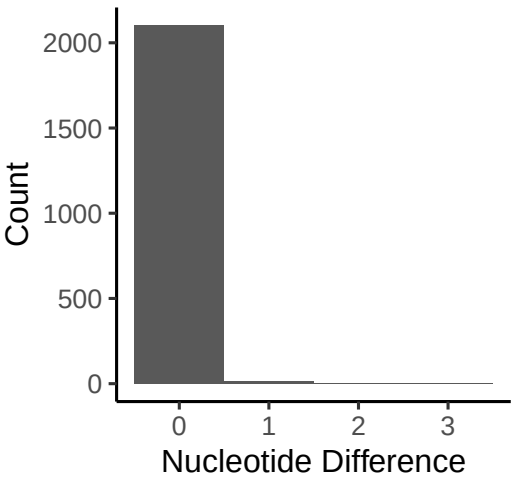
TRBV5−4*ap01

7328 sequences assigned
7233 (98.7%) exact matches, in which:
7089 unique CDR3
13 unique J



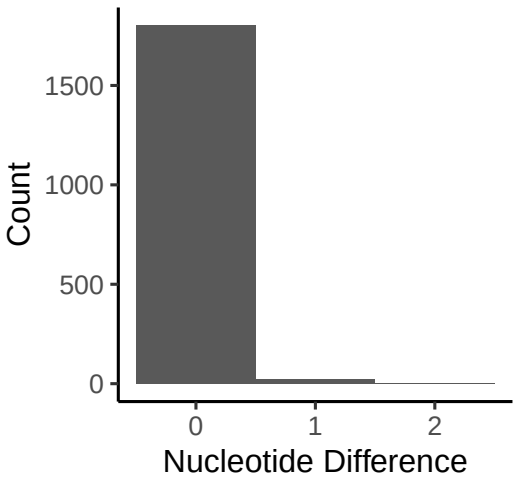
TRBV5−5*ap01

2118 sequences assigned
2102 (99.2%) exact matches, in which:
2076 unique CDR3
13 unique J



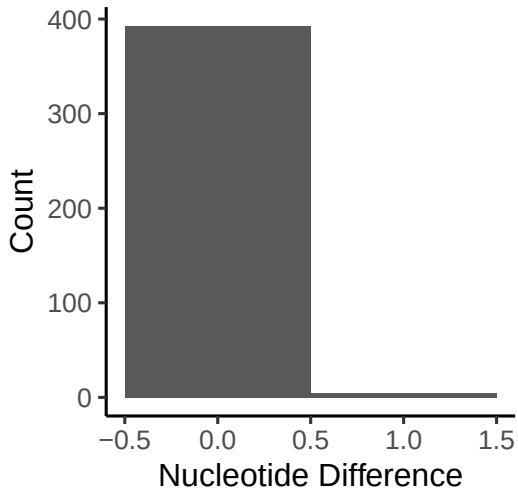
TRBV5−8*ap01

1827 sequences assigned
1802 (98.6%) exact matches, in which:
1774 unique CDR3
13 unique J



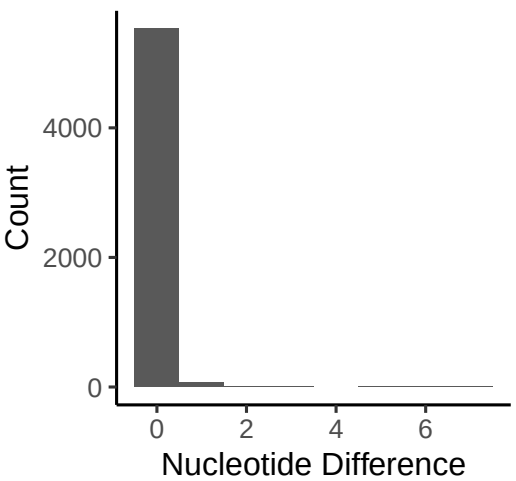
TRBV6−7*ap01

398 sequences assigned
393 (98.7%) exact matches, in which:
382 unique CDR3
13 unique J



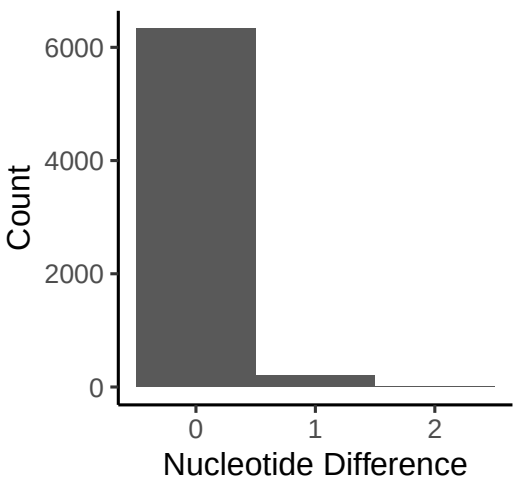
TRBV5−6*ap01

5602 sequences assigned
5530 (98.7%) exact matches, in which:
5393 unique CDR3
13 unique J



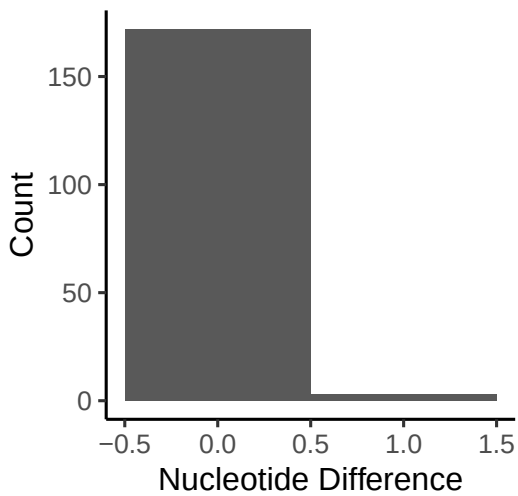
TRBV6−1*ap01

6529 sequences assigned
6329 (96.9%) exact matches, in which:
6172 unique CDR3
13 unique J



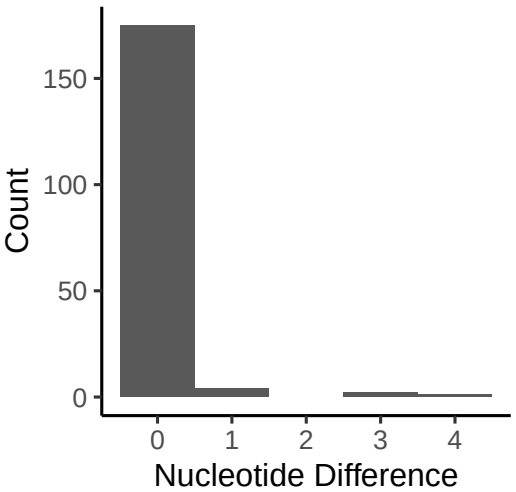
TRBV6−8*ap01

175 sequences assigned
172 (98.3%) exact matches, in which:
166 unique CDR3
13 unique J



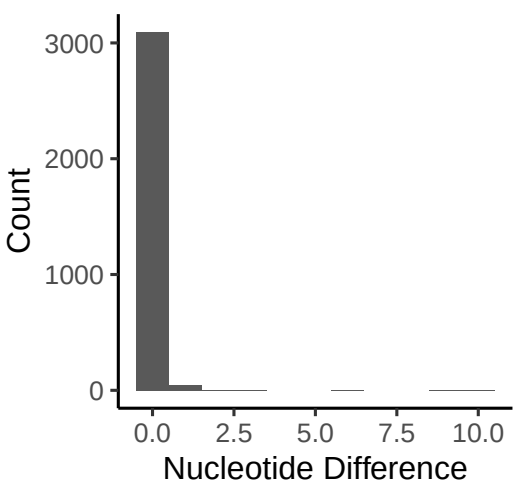
TRBV5−7*ap01

182 sequences assigned
175 (96.2%) exact matches, in which:
172 unique CDR3
13 unique J



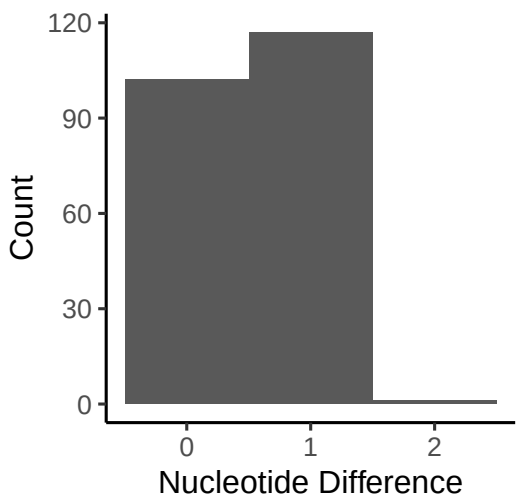
TRBV6−4*ap01

3152 sequences assigned
3094 (98.2%) exact matches, in which:
3035 unique CDR3
13 unique J



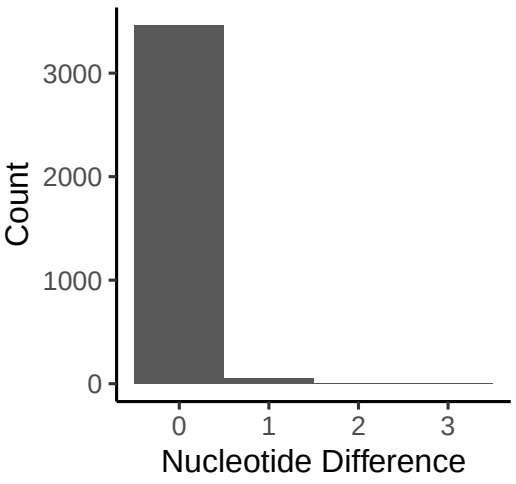
TRBV6−9*ap01

220 sequences assigned
102 (46.4%) exact matches, in which:
101 unique CDR3
13 unique J



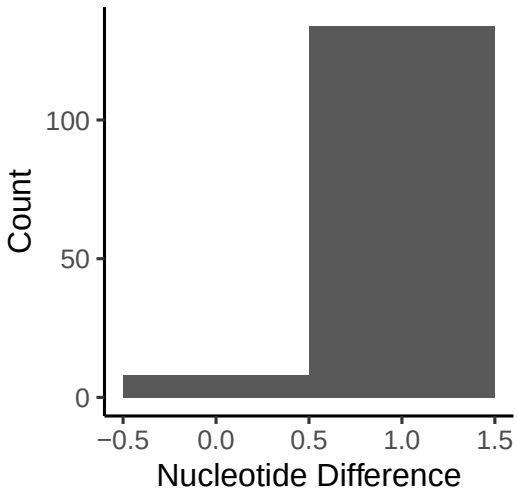
TRBV6−23*ap01

3518 sequences assigned
3461 (98.4%) exact matches, in which:
3368 unique CDR3
13 unique J



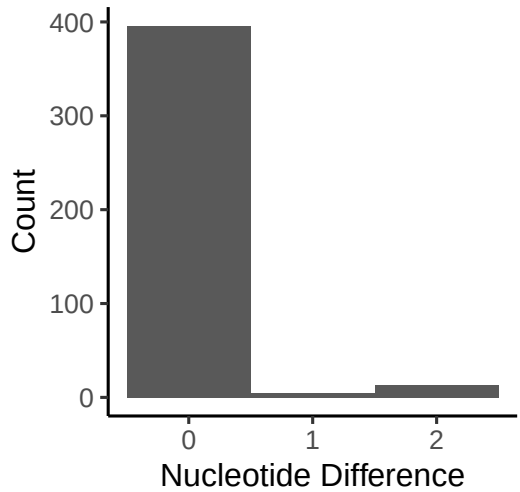
TRBV7−1*ap01_T296C

142 sequences assigned
8 (5.6%) exact matches, in which:
8 unique CDR3
5 unique J



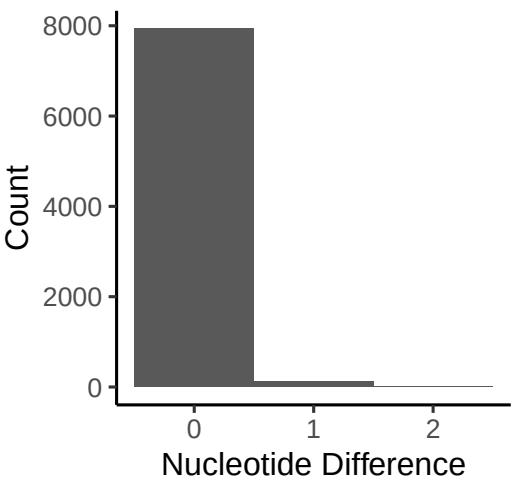
TRBV7−4*ap01

414 sequences assigned
396 (95.7%) exact matches, in which:
386 unique CDR3
13 unique J



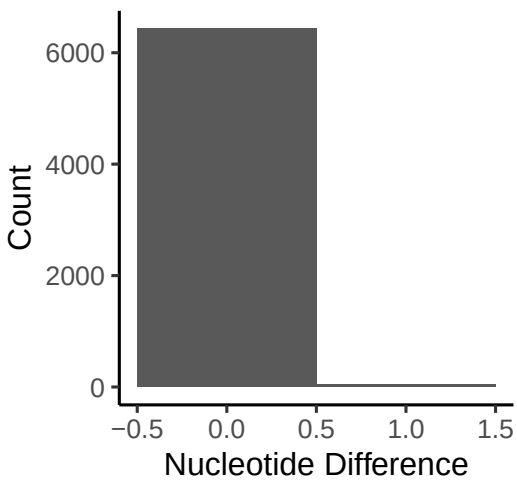
TRBV6−56*ap01

8062 sequences assigned
7934 (98.4%) exact matches, in which:
7735 unique CDR3
13 unique J



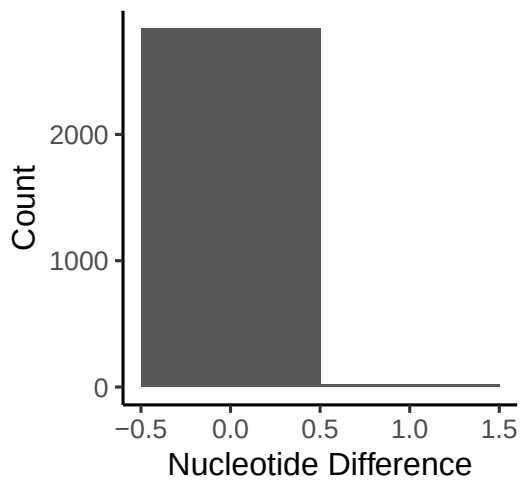
TRBV7−2*ap01

6482 sequences assigned
6431 (99.2%) exact matches, in which:
6319 unique CDR3
13 unique J



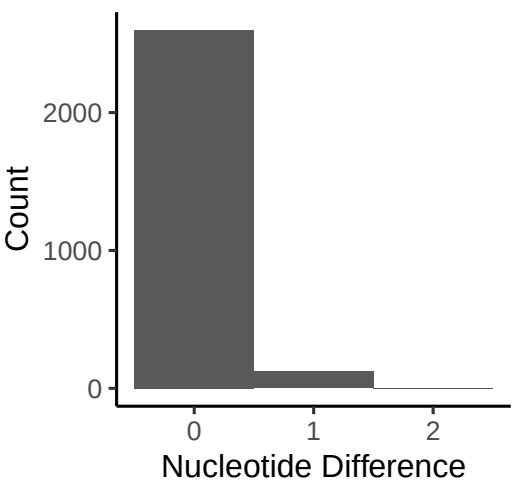
TRBV7−6*ap01

2859 sequences assigned
2837 (99.2%) exact matches, in which:
2766 unique CDR3
13 unique J



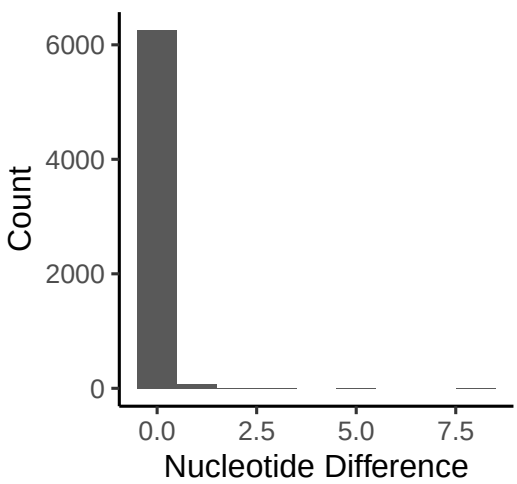
TRBV6−56*ap02

2723 sequences assigned
2599 (95.4%) exact matches, in which:
2534 unique CDR3
13 unique J



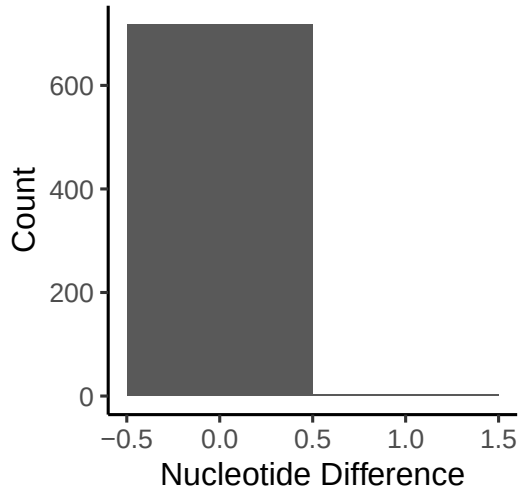
TRBV7−3*ap01

6342 sequences assigned
6258 (98.7%) exact matches, in which:
6177 unique CDR3
13 unique J



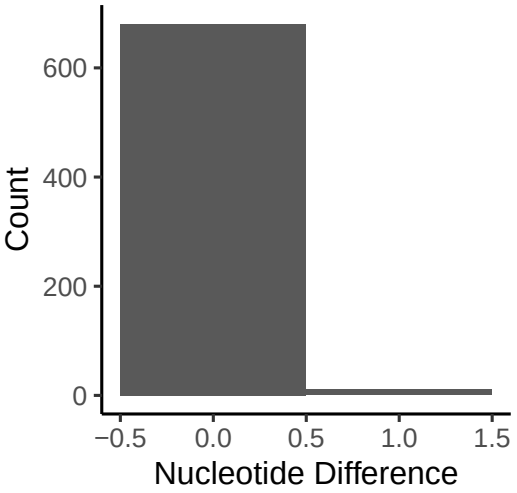
TRBV7−7*ap01

721 sequences assigned
718 (99.6%) exact matches, in which:
704 unique CDR3
13 unique J



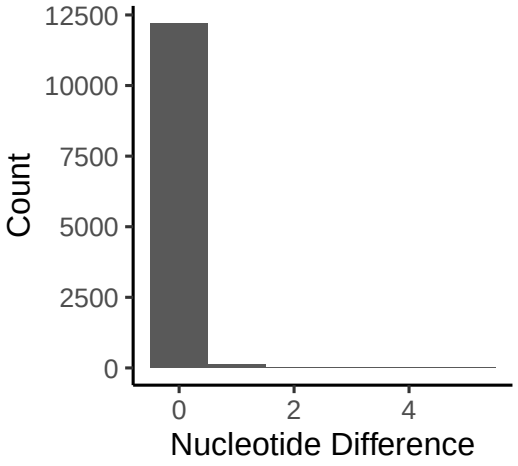
TRBV7−7*ap01_C315T

692 sequences assigned
681 (98.4%) exact matches, in which:
665 unique CDR3
13 unique J



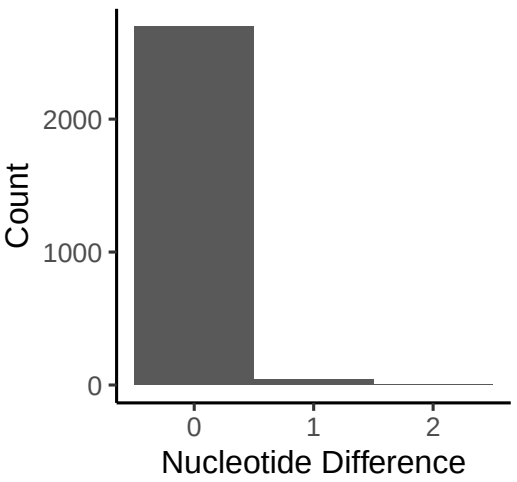
TRBV7−9*ap01

12331 sequences assigned
12209 (99%) exact matches, in which:
11994 unique CDR3
13 unique J



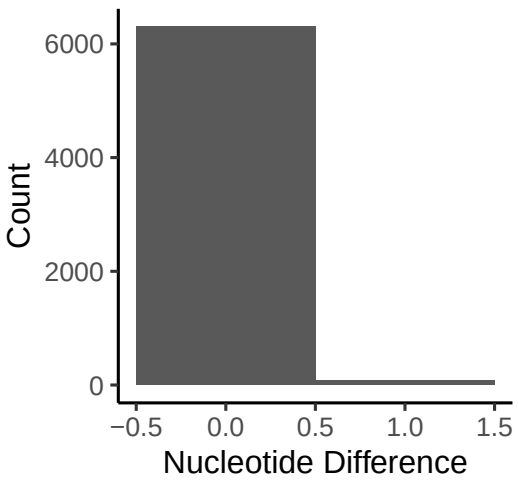
TRBV7−8*ap01

2738 sequences assigned
2695 (98.4%) exact matches, in which:
2644 unique CDR3
13 unique J



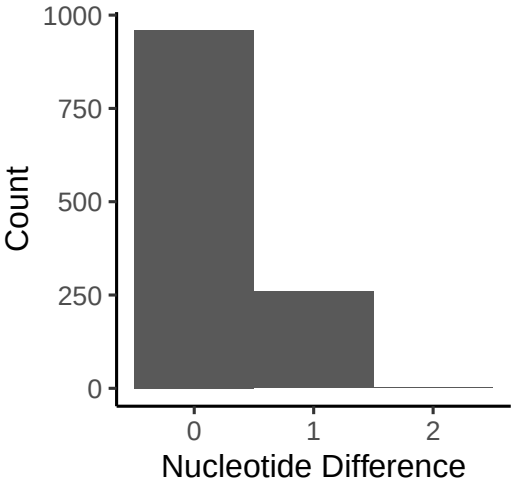
TRBV29−1*ap01

6386 sequences assigned
6302 (98.7%) exact matches, in which:
6190 unique CDR3
13 unique J



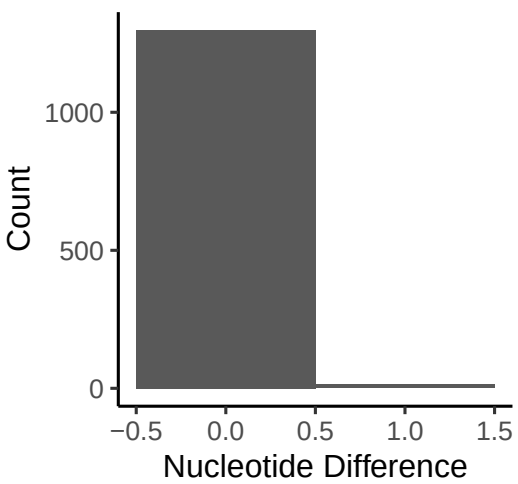
TRBV7−8*ap03

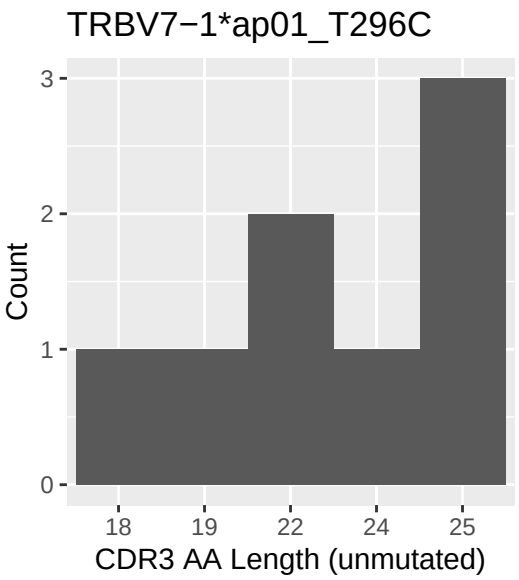
1221 sequences assigned
960 (78.6%) exact matches, in which:
942 unique CDR3
13 unique J

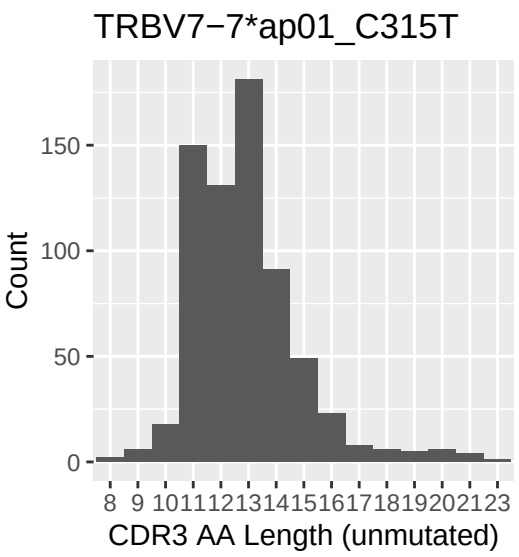


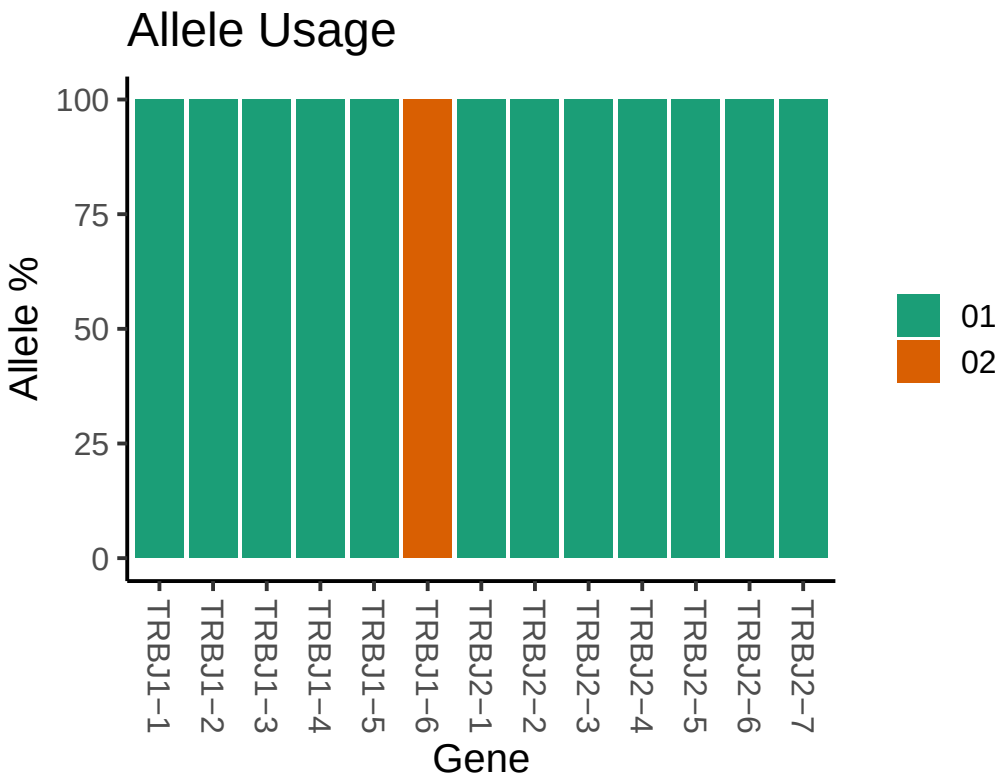
TRBV29−1*ap02

1312 sequences assigned
1298 (98.9%) exact matches, in which:
1268 unique CDR3
13 unique J




TRBV7−1*ap01_T296C
Count
3
2
1
0
18
19
22
24
25
CDR3 AA Length (unmutated)


TRBV7−7*ap01_C315T
Count
150
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.