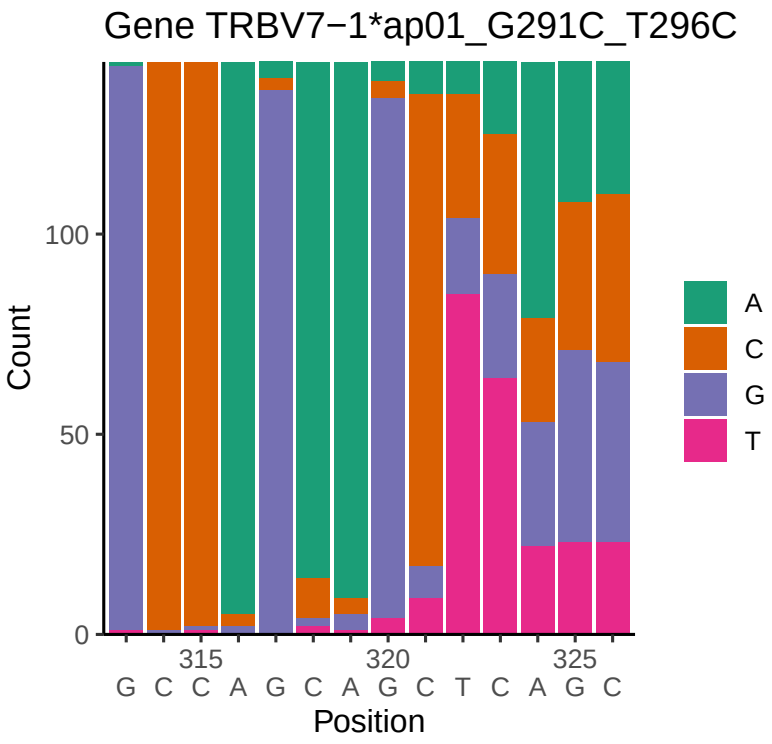
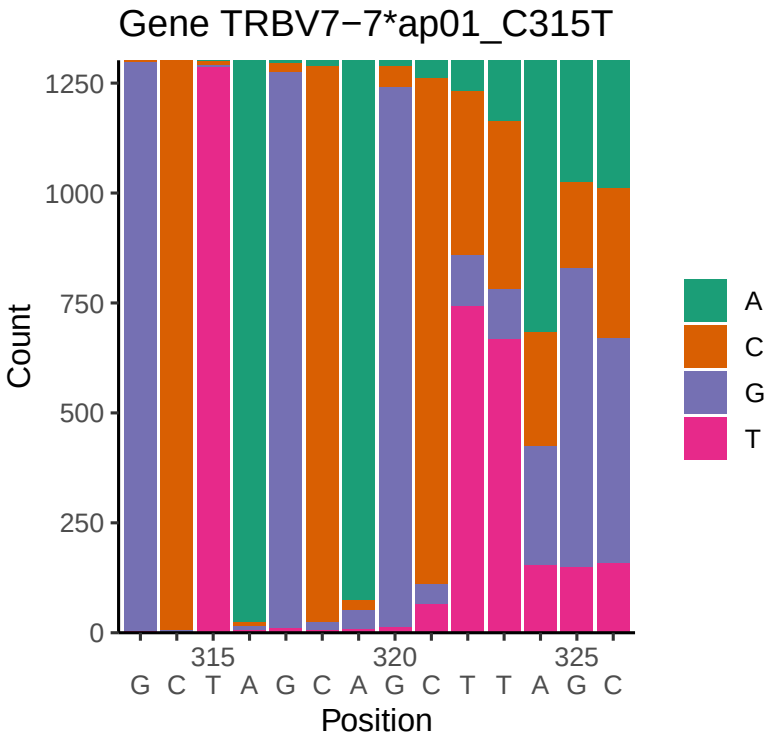
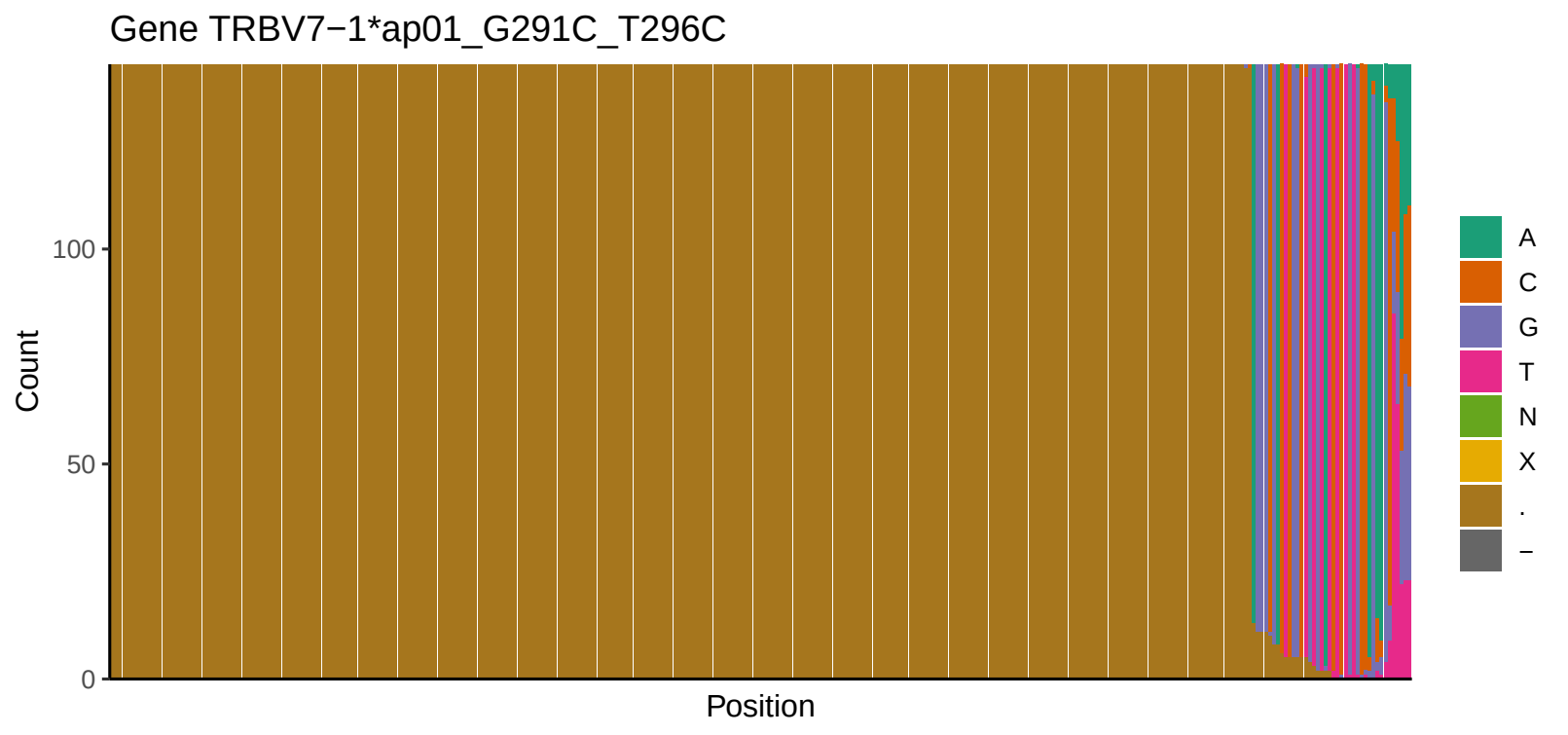
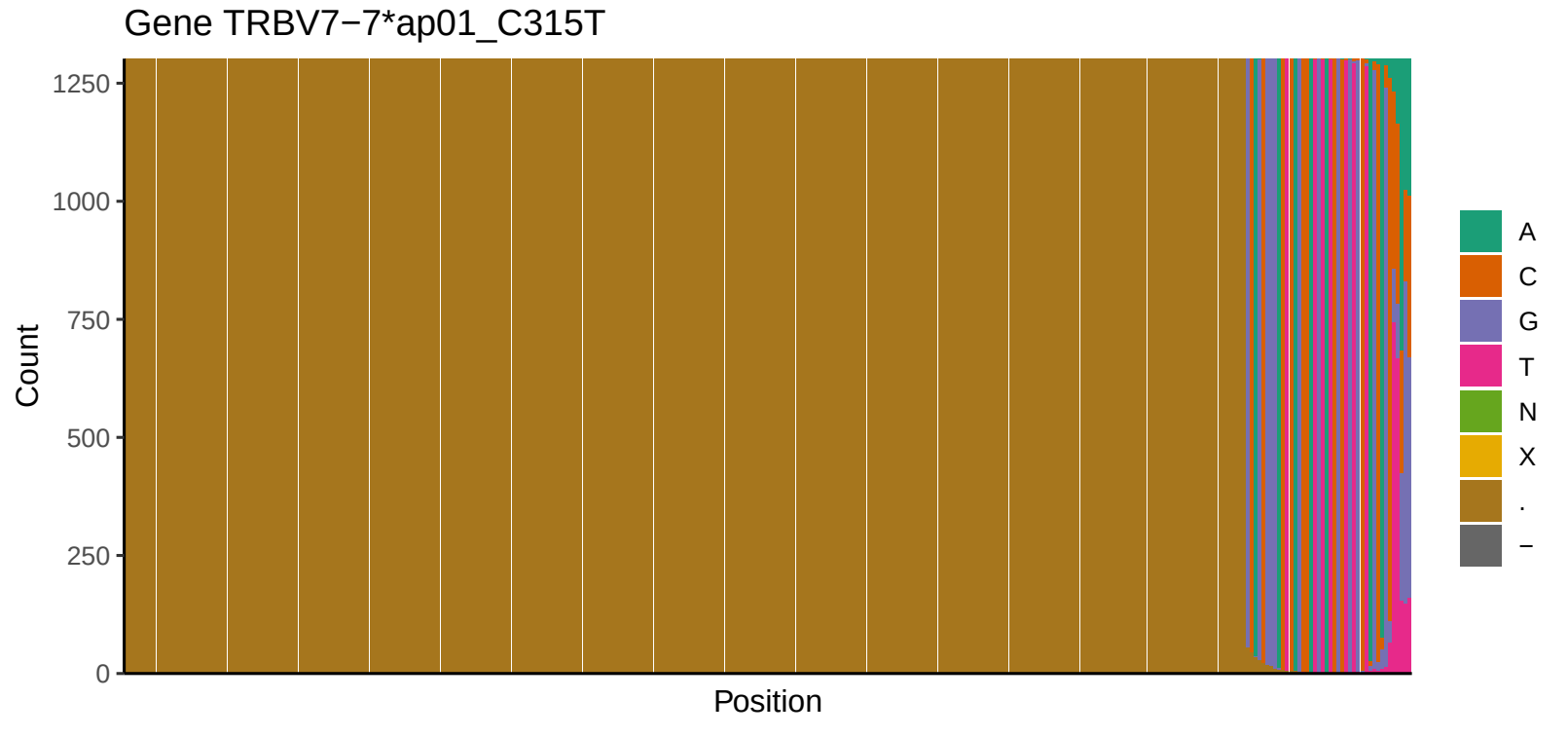
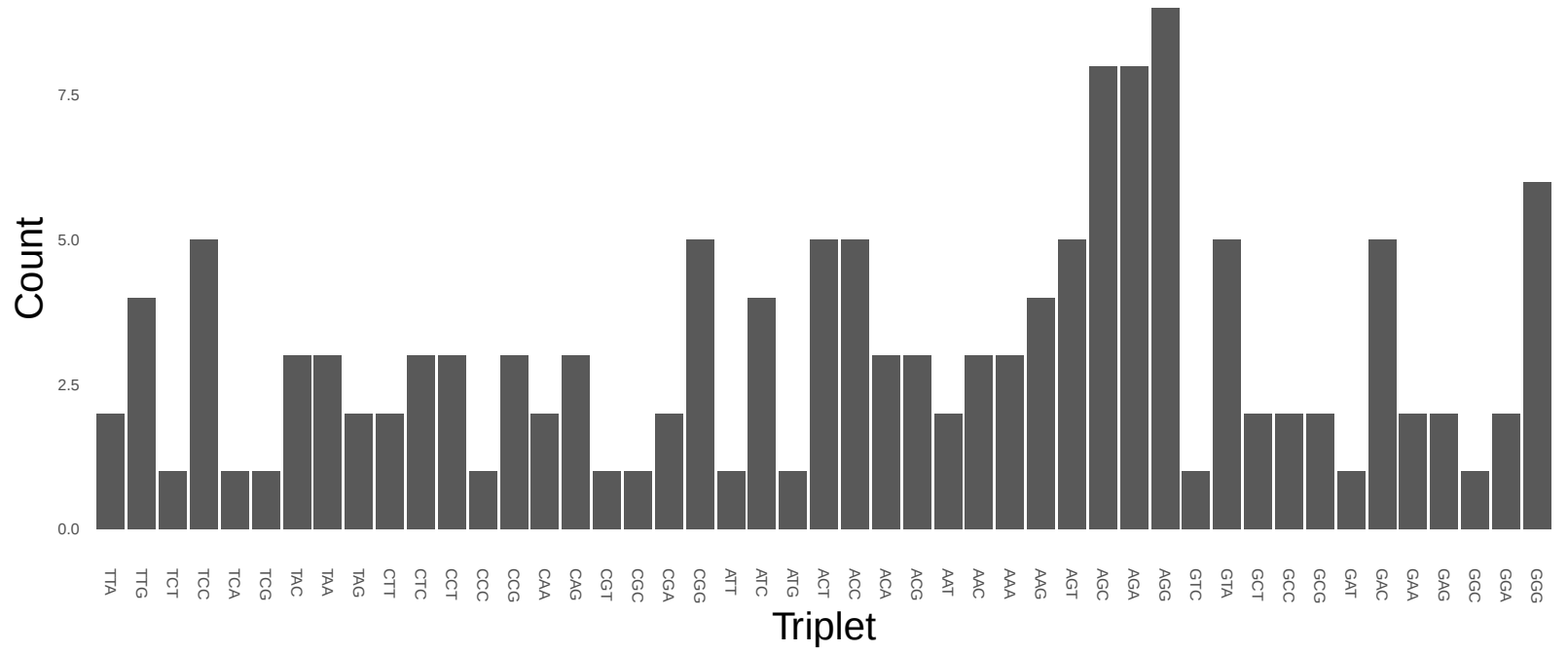

Gene TRBV7−1*ap01_G291C_T296C
Count
100
50
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
1250
1000
750
500
250
0
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

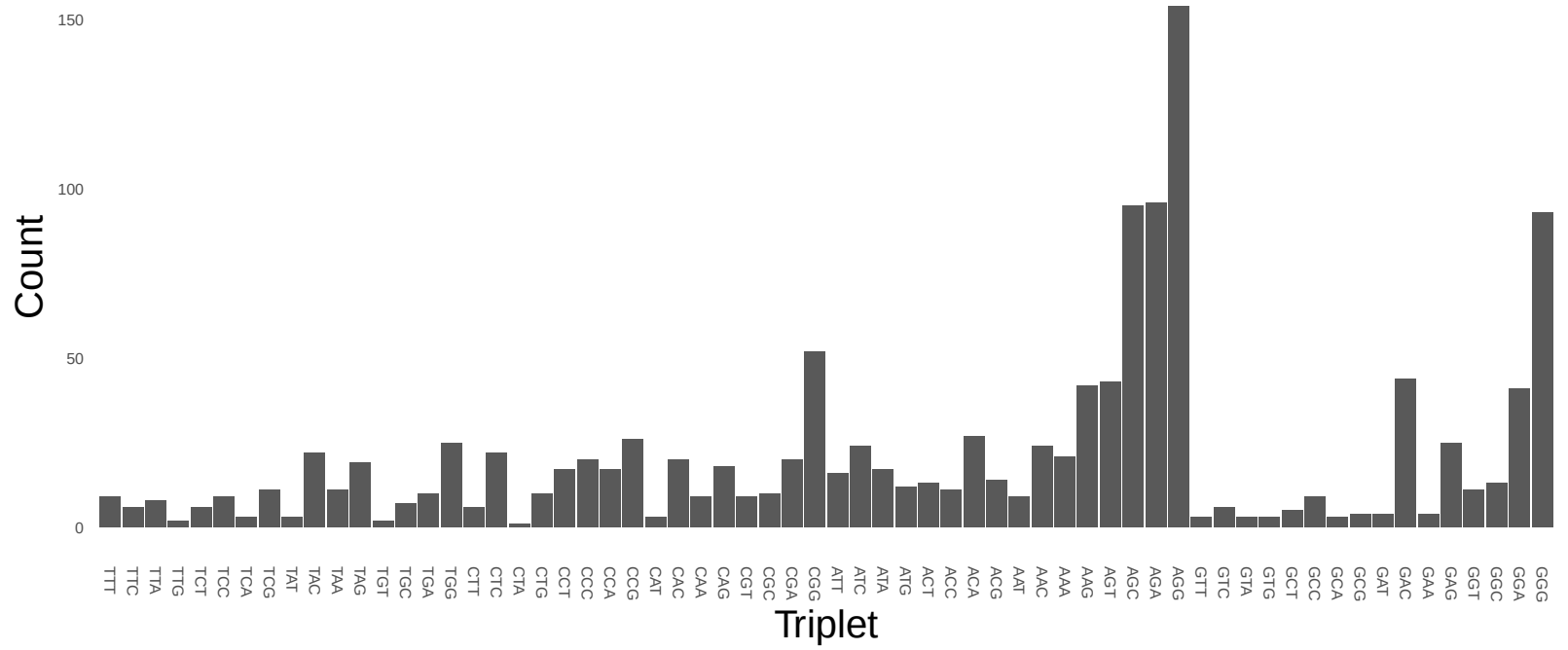

Gene TRBV7−1*ap01_G291C_T296C
Count
100
50
0
Position
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
Count
1250
1000
750
500
250
0
Position
A
C
G
T
N
X
.
–

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

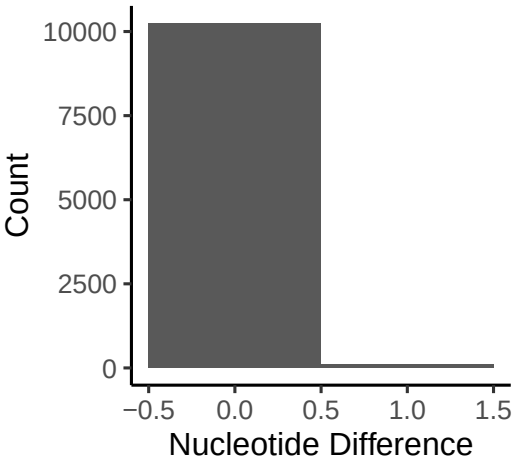


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



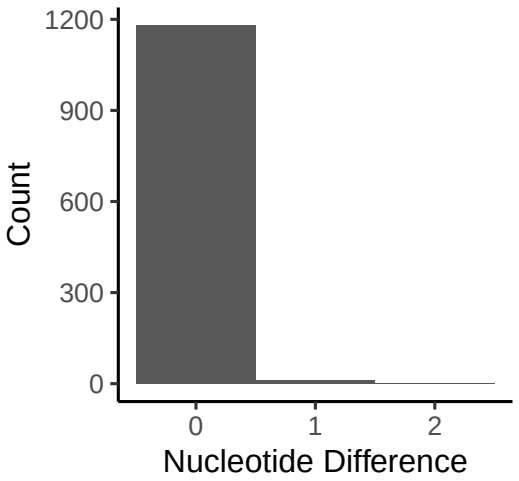
TRBV20−1*ap01

10367 sequences assigned
10249 (98.9%) exact matches, in which:
10081 unique CDR3
13 unique J



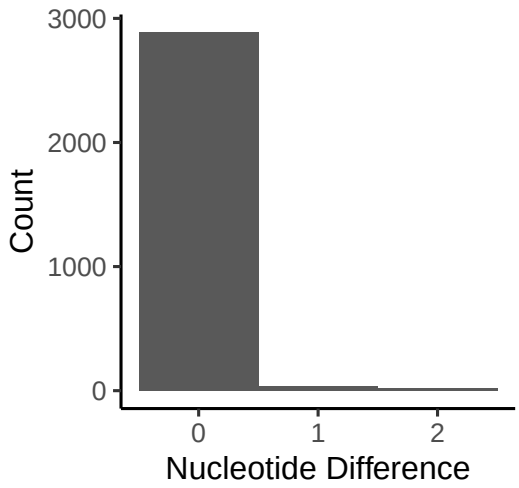
TRBV10−2*ap01

1192 sequences assigned
1180 (99%) exact matches, in which:
1157 unique CDR3
13 unique J



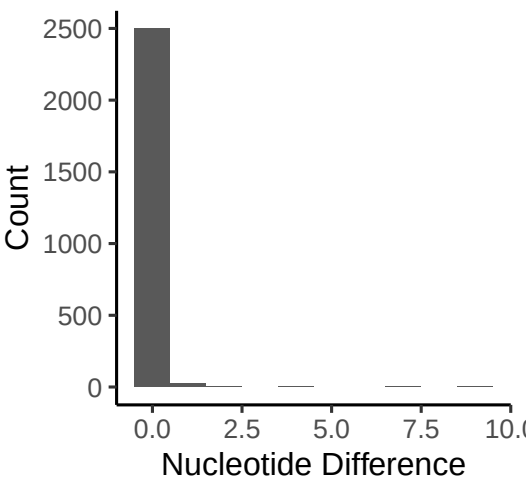
TRBV13*ap01

2948 sequences assigned
2887 (97.9%) exact matches, in which:
2810 unique CDR3
13 unique J



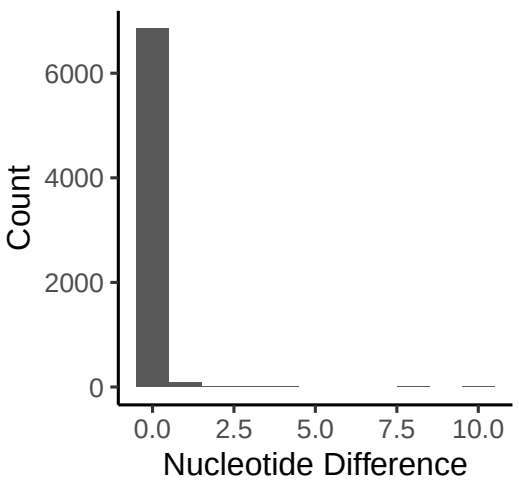
TRBV10−1*ap01

2528 sequences assigned
2498 (98.8%) exact matches, in which:
2431 unique CDR3
13 unique J



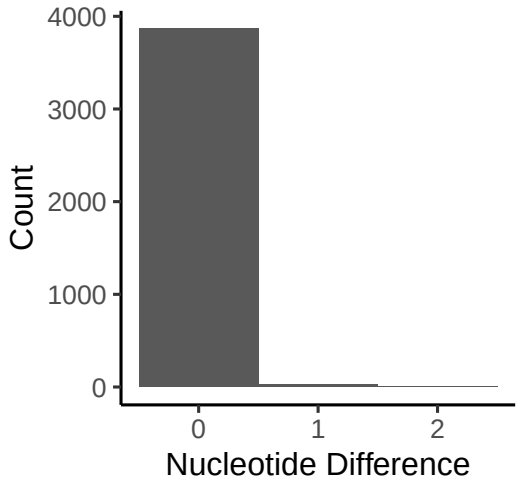
TRBV10−3*ap01

6939 sequences assigned
6851 (98.7%) exact matches, in which:
6693 unique CDR3
13 unique J



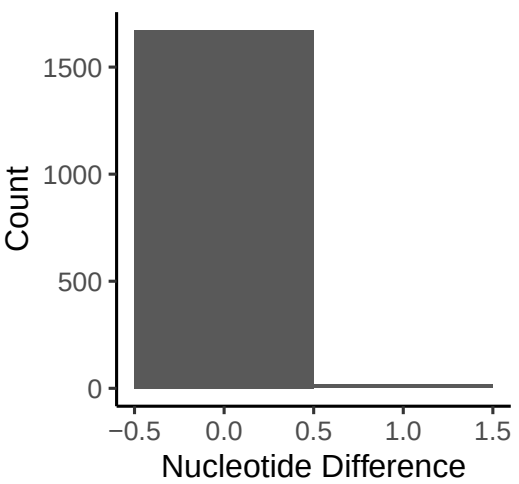
TRBV14*ap01

3898 sequences assigned
3866 (99.2%) exact matches, in which:
3806 unique CDR3
13 unique J



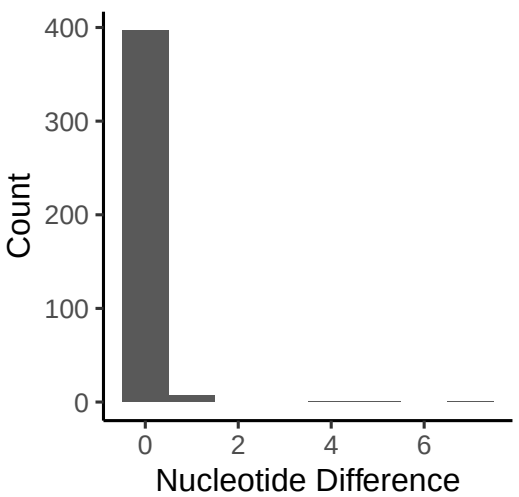
TRBV20−1*ap02

1690 sequences assigned
1673 (99%) exact matches, in which:
1652 unique CDR3
13 unique J



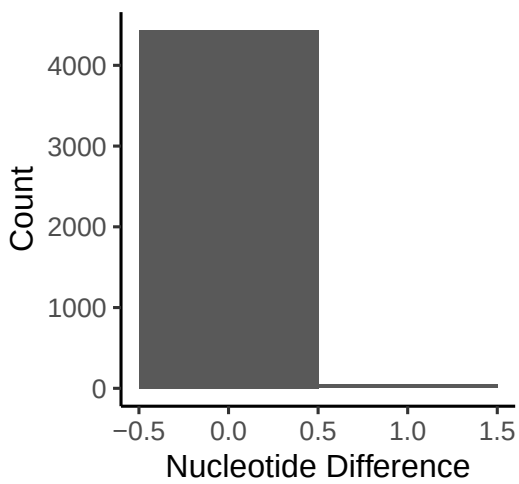
TRBV1*ap01

407 sequences assigned
397 (97.5%) exact matches, in which:
388 unique CDR3
13 unique J



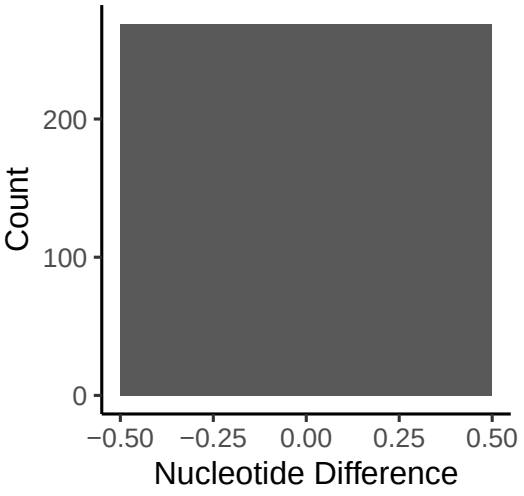
TRBV15*ap02

4485 sequences assigned
4437 (98.9%) exact matches, in which:
4329 unique CDR3
13 unique J



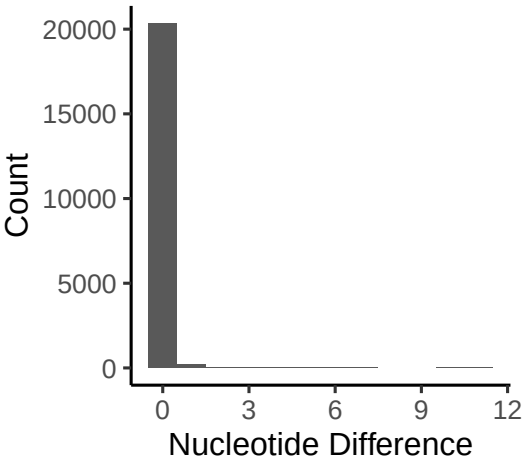
TRBV16*ap01

269 sequences assigned
269 (100%) exact matches, in which:
268 unique CDR3
13 unique J



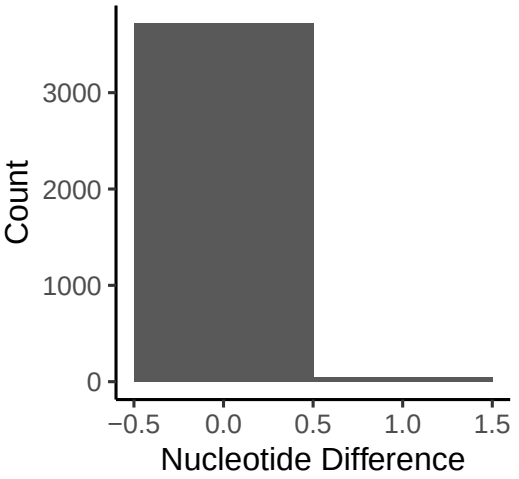
TRBV19*ap01

20559 sequences assigned
20355 (99%) exact matches, in which:
20163 unique CDR3
13 unique J



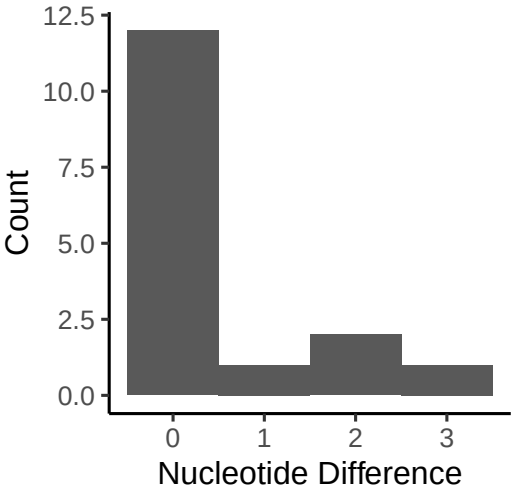
TRBV28*ap01

3763 sequences assigned
3719 (98.8%) exact matches, in which:
3647 unique CDR3
13 unique J



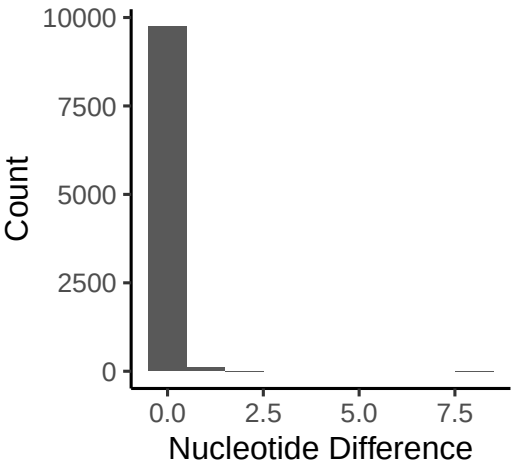
TRBV17*ap01

16 sequences assigned
12 (75%) exact matches, in which:
12 unique CDR3
7 unique J



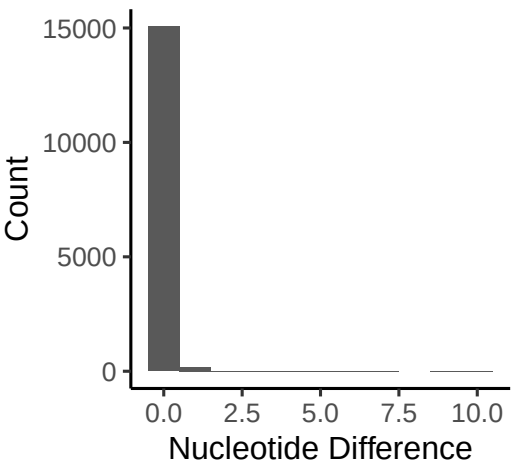
TRBV2*ap01

9864 sequences assigned
9747 (98.8%) exact matches, in which:
9564 unique CDR3
13 unique J



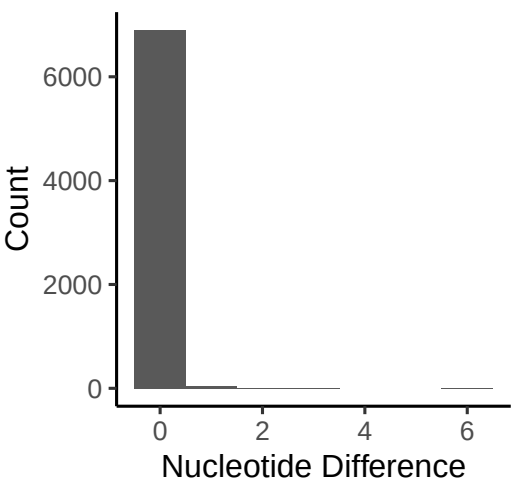
TRBV30*ap01

15283 sequences assigned
15066 (98.6%) exact matches, in which:
14870 unique CDR3
13 unique J



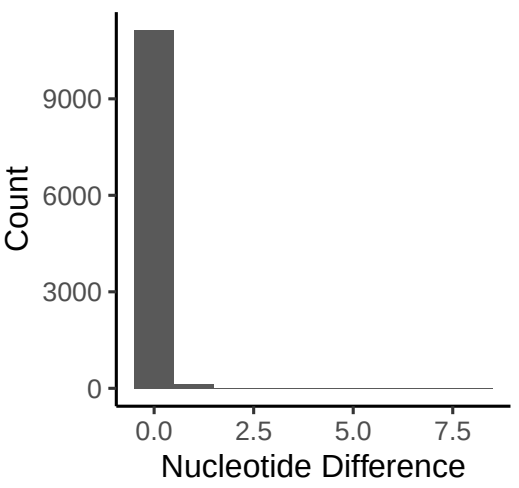
TRBV18*ap01

6951 sequences assigned
6900 (99.3%) exact matches, in which:
6829 unique CDR3
13 unique J



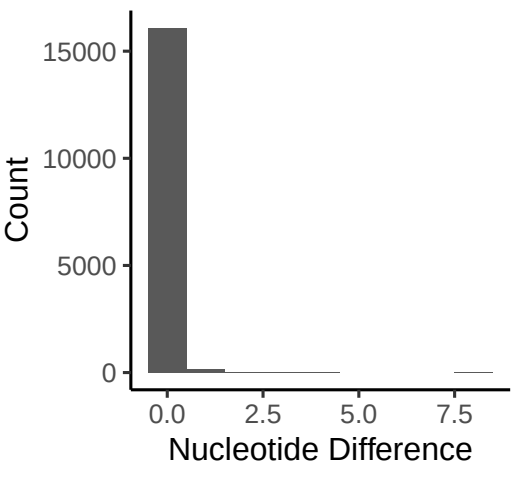
TRBV27*ap01

11277 sequences assigned
11138 (98.8%) exact matches, in which:
10874 unique CDR3
13 unique J



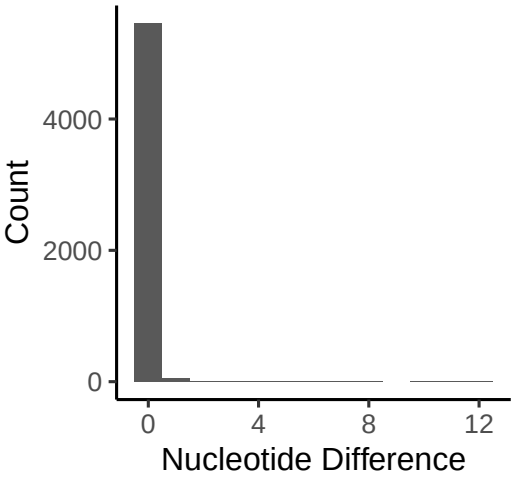
TRBV9*ap01

16251 sequences assigned
16092 (99%) exact matches, in which:
15847 unique CDR3
13 unique J



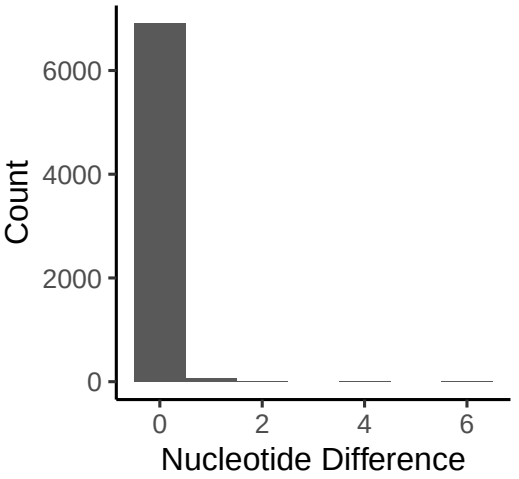
TRBV21−1*ap01

5540 sequences assigned
5456 (98.5%) exact matches, in which:
5382 unique CDR3
13 unique J



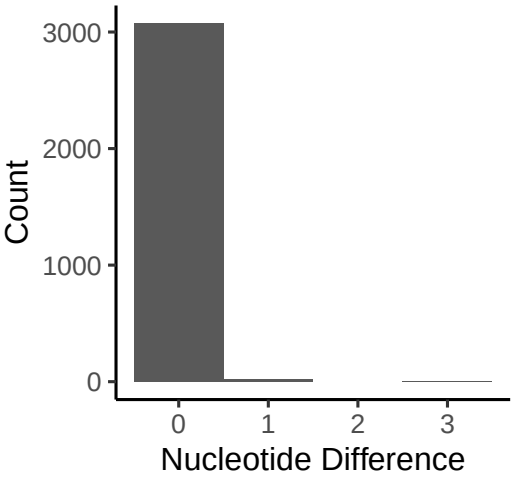
TRBV11−3*ap01

6986 sequences assigned
6908 (98.9%) exact matches, in which:
6776 unique CDR3
13 unique J



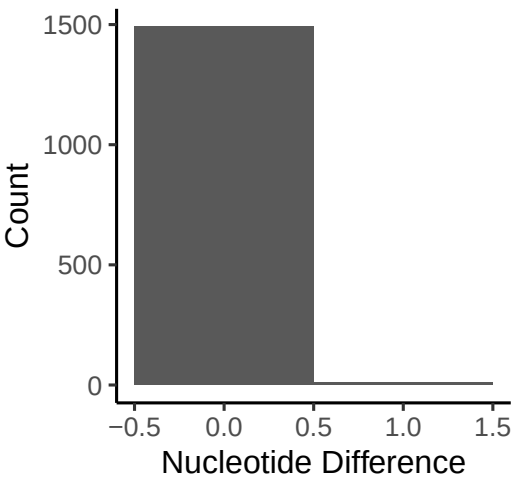
TRBV12−5*ap01

3096 sequences assigned
3074 (99.3%) exact matches, in which:
3014 unique CDR3
13 unique J



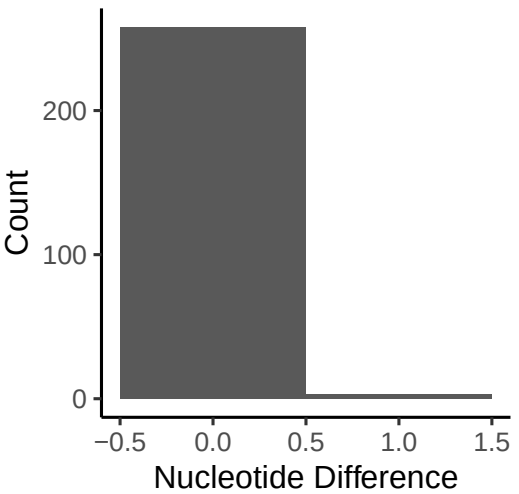
TRBV11−1*ap01

1502 sequences assigned
1491 (99.3%) exact matches, in which:
1462 unique CDR3
13 unique J



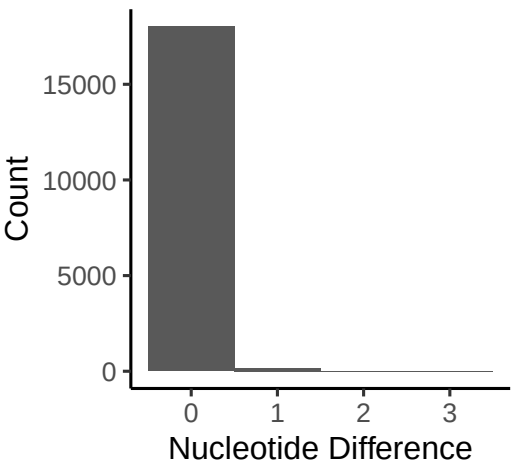
TRBV12−1*ap01

261 sequences assigned
258 (98.9%) exact matches, in which:
257 unique CDR3
12 unique J



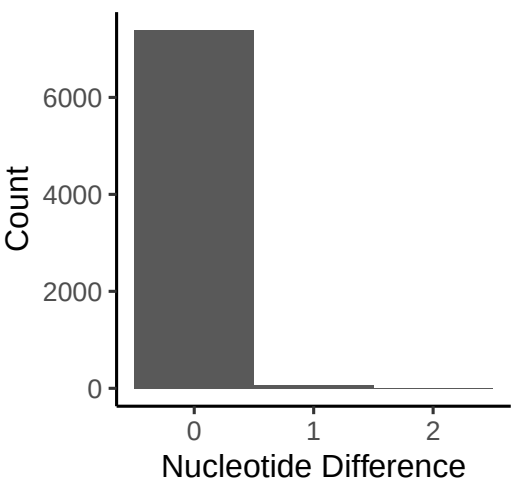
TRBV12−34*ap01

18203 sequences assigned
18023 (99%) exact matches, in which:
17680 unique CDR3
13 unique J



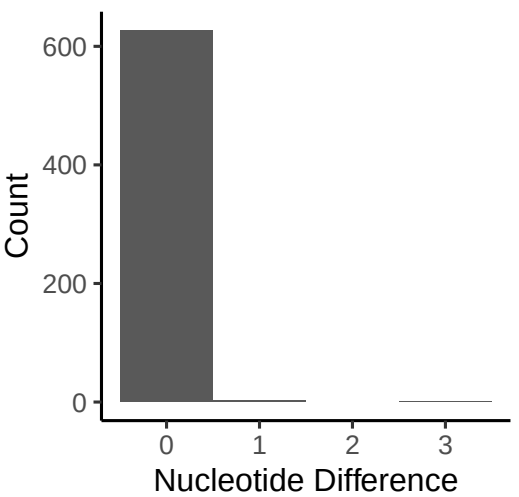
TRBV11−2*ap01

7465 sequences assigned
7389 (99%) exact matches, in which:
7246 unique CDR3
13 unique J



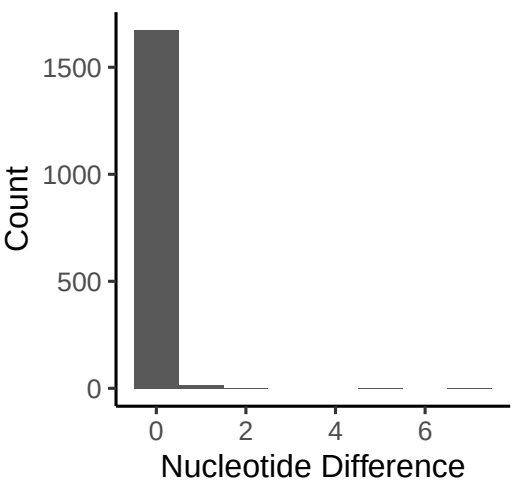
TRBV12−2*ap01

631 sequences assigned
627 (99.4%) exact matches, in which:
617 unique CDR3
13 unique J



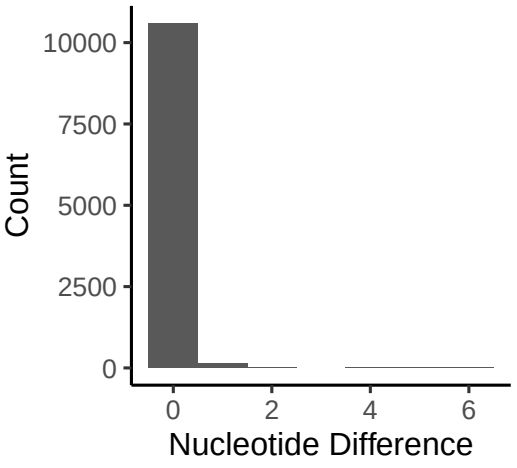
TRBV23−1*ap01

1696 sequences assigned
1674 (98.7%) exact matches, in which:
1649 unique CDR3
13 unique J



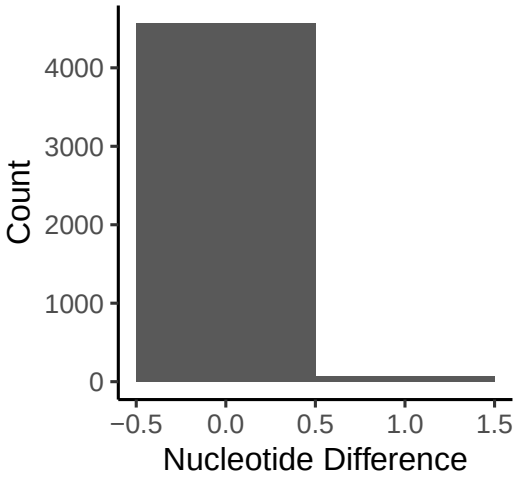
TRBV3−12*ap01

10741 sequences assigned
10599 (98.7%) exact matches, in which:
10379 unique CDR3
13 unique J



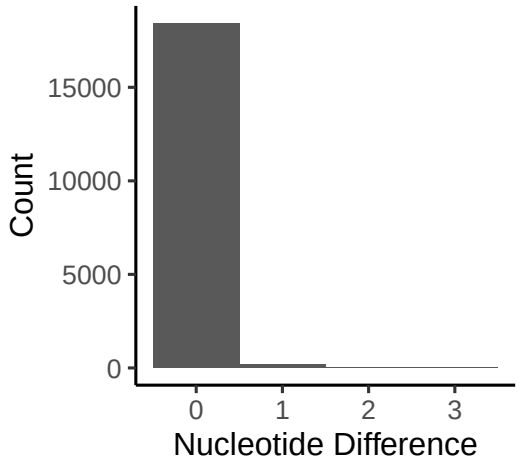
TRBV4−2*ap01

4632 sequences assigned
4566 (98.6%) exact matches, in which:
4470 unique CDR3
13 unique J



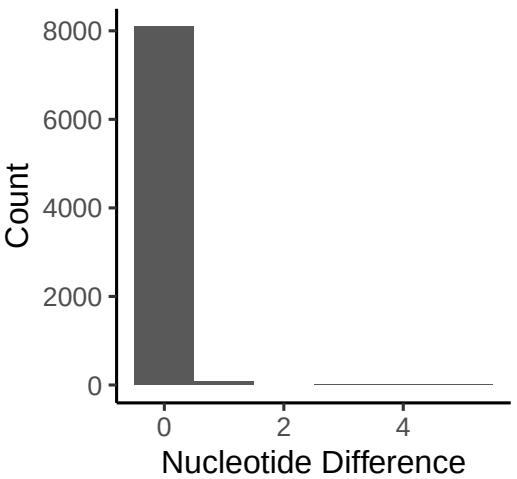
TRBV5−1*ap01

18629 sequences assigned
18430 (98.9%) exact matches, in which:
18014 unique CDR3
13 unique J



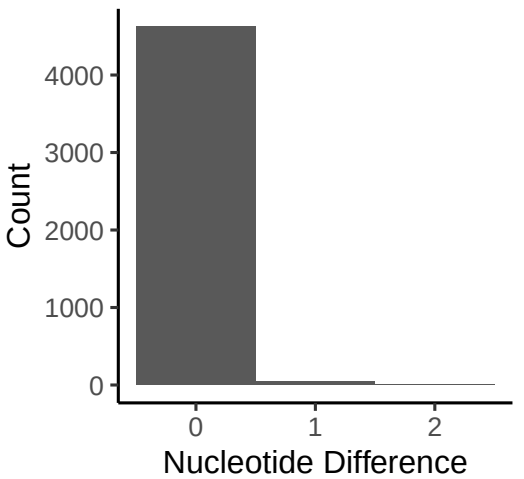
TRBV4−1*ap01

8171 sequences assigned
8092 (99%) exact matches, in which:
7933 unique CDR3
13 unique J



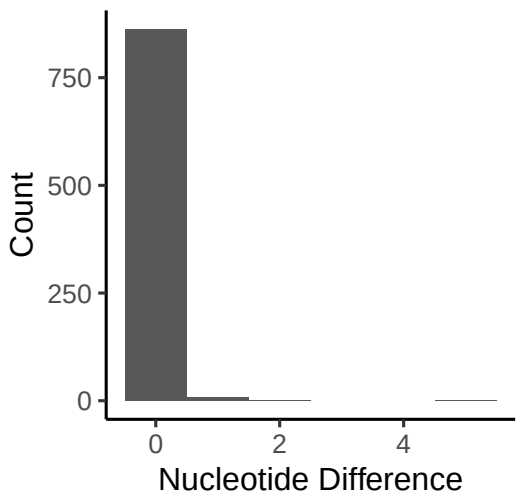
TRBV4−3*ap01

4674 sequences assigned
4623 (98.9%) exact matches, in which:
4523 unique CDR3
13 unique J



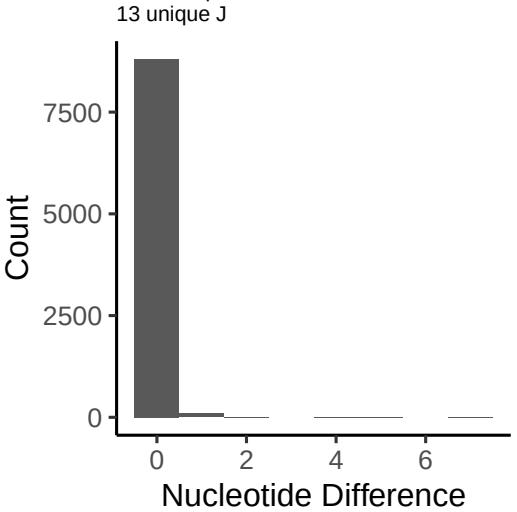
TRBV5−3*ap01

873 sequences assigned
863 (98.9%) exact matches, in which:
844 unique CDR3
13 unique J



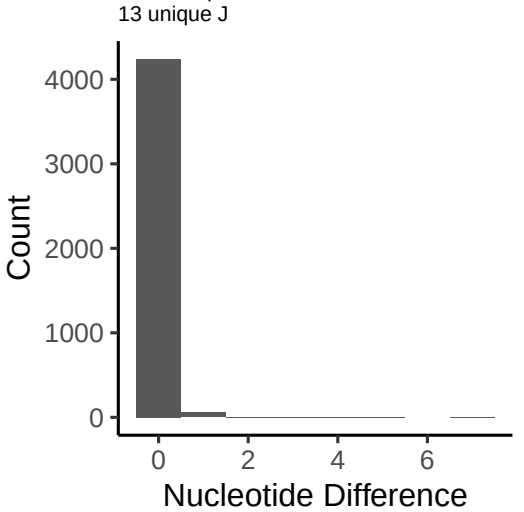
TRBV24−1*ap01

8906 sequences assigned
8804 (98.9%) exact matches, in which:
8637 unique CDR3
13 unique J



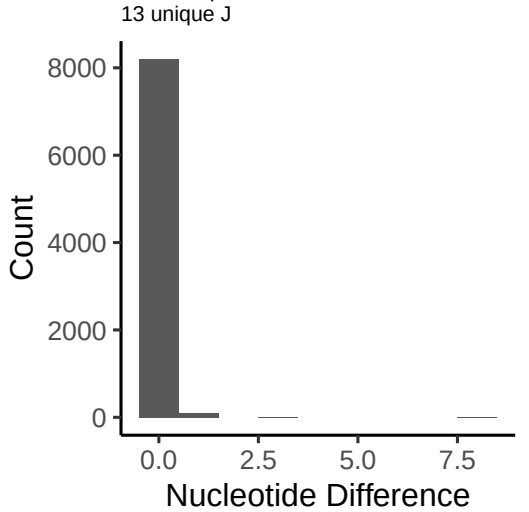
TRBV25−1*ap01

4309 sequences assigned
4240 (98.4%) exact matches, in which:
4161 unique CDR3
13 unique J



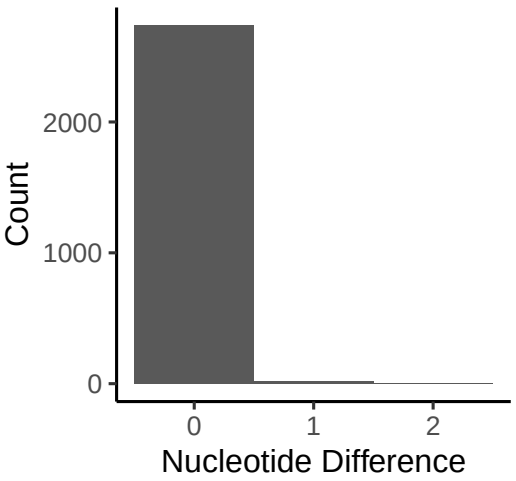
TRBV5−4*ap01

8295 sequences assigned
8201 (98.9%) exact matches, in which:
8024 unique CDR3
13 unique J



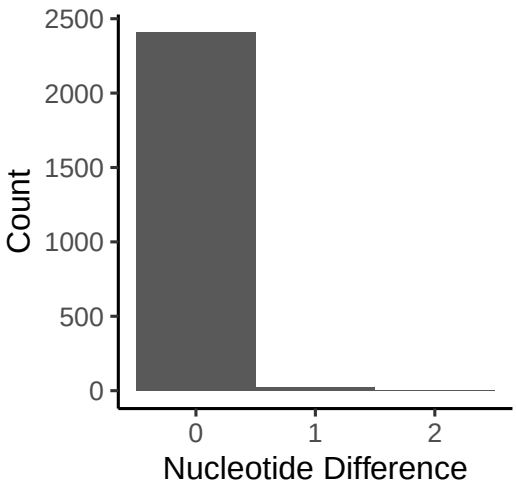
TRBV5−5*ap01

2758 sequences assigned
2738 (99.3%) exact matches, in which:
2719 unique CDR3
13 unique J



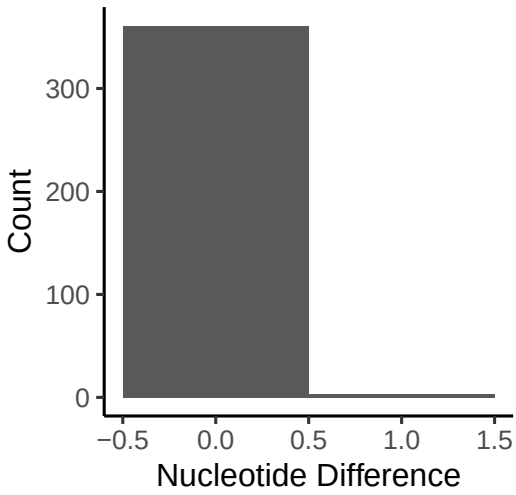
TRBV5−8*ap01

2435 sequences assigned
2408 (98.9%) exact matches, in which:
2363 unique CDR3
13 unique J



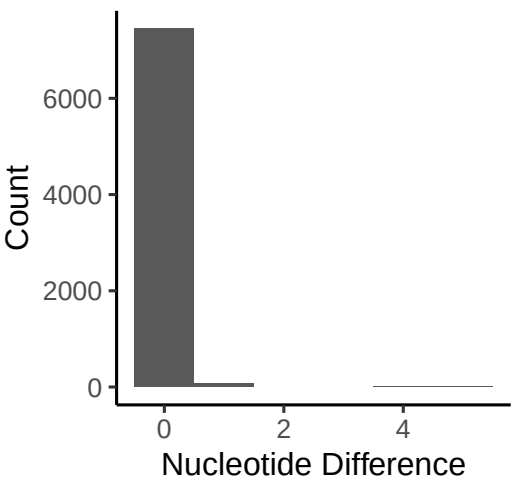
TRBV6−7*ap01

364 sequences assigned
361 (99.2%) exact matches, in which:
354 unique CDR3
13 unique J



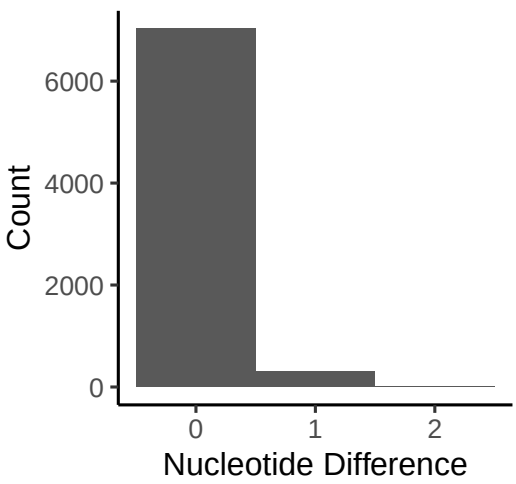
TRBV5−6*ap01

7526 sequences assigned
7447 (99%) exact matches, in which:
7275 unique CDR3
13 unique J



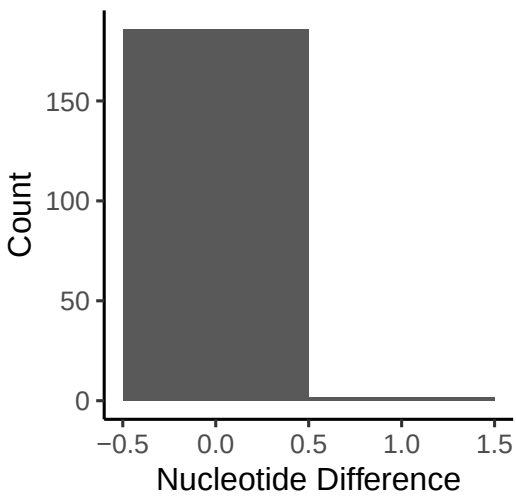
TRBV6−1*ap01

7332 sequences assigned
7028 (95.9%) exact matches, in which:
6875 unique CDR3
13 unique J



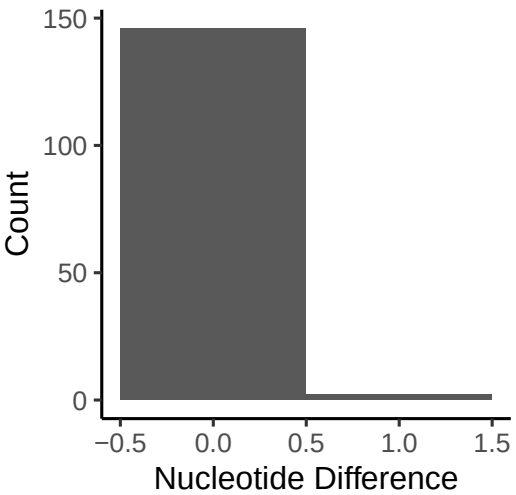
TRBV6−8*ap01

188 sequences assigned
186 (98.9%) exact matches, in which:
182 unique CDR3
13 unique J



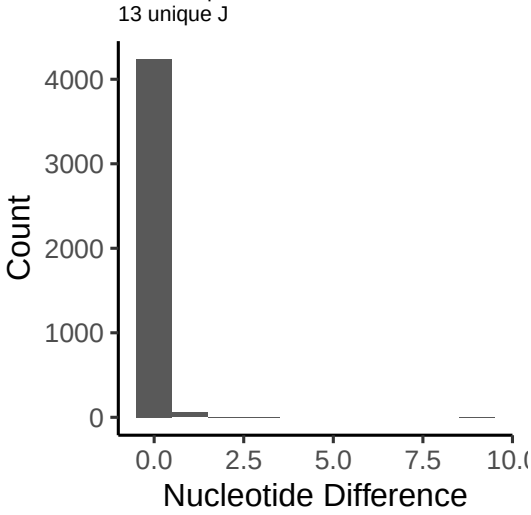
TRBV5−7*ap01

148 sequences assigned
146 (98.6%) exact matches, in which:
144 unique CDR3
12 unique J



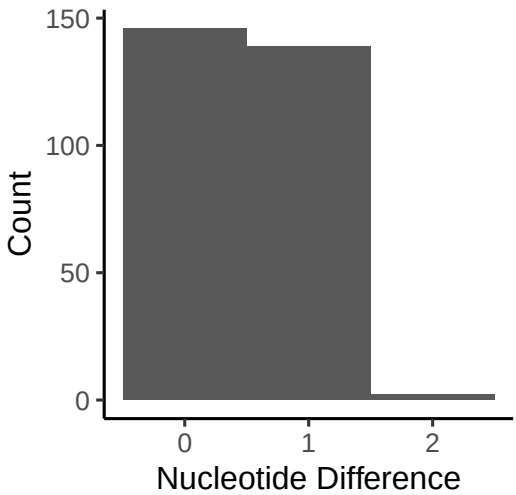
TRBV6−4*ap01

4302 sequences assigned
4239 (98.5%) exact matches, in which:
4168 unique CDR3
13 unique J



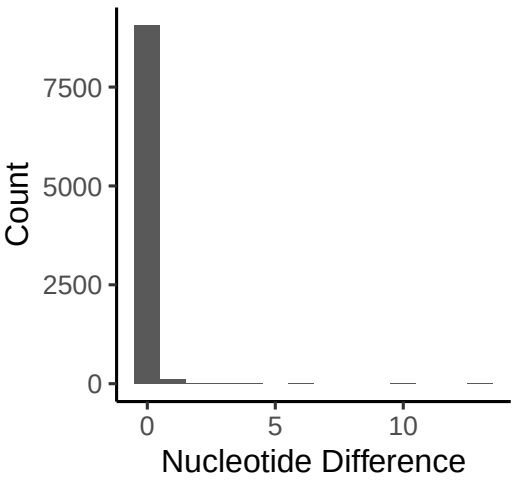
TRBV6−9*ap01

287 sequences assigned
146 (50.9%) exact matches, in which:
140 unique CDR3
13 unique J



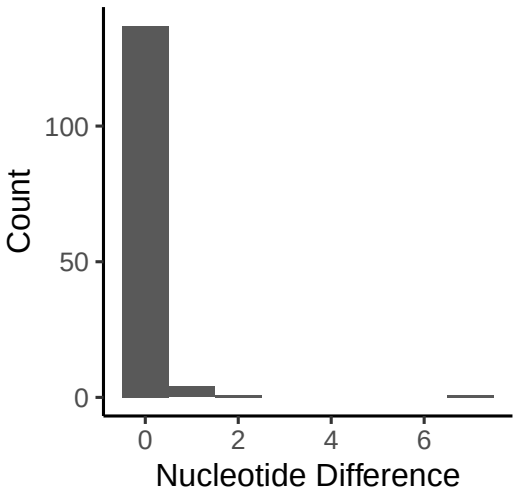
TRBV6−23*ap01

9170 sequences assigned
9059 (98.8%) exact matches, in which:
8856 unique CDR3
13 unique J



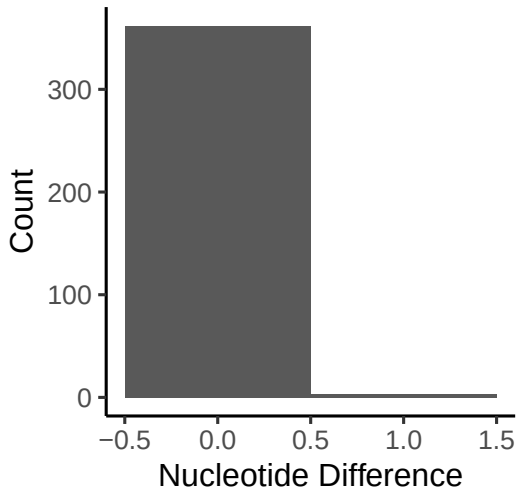
TRBV7−1*ap01_G291C_

143 sequences assigned
137 (95.8%) exact matches, in which:
134 unique CDR3
12 unique J



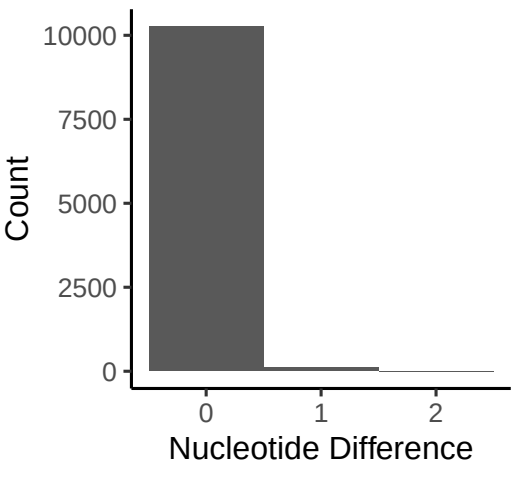
TRBV7−4*ap01

365 sequences assigned
362 (99.2%) exact matches, in which:
357 unique CDR3
13 unique J



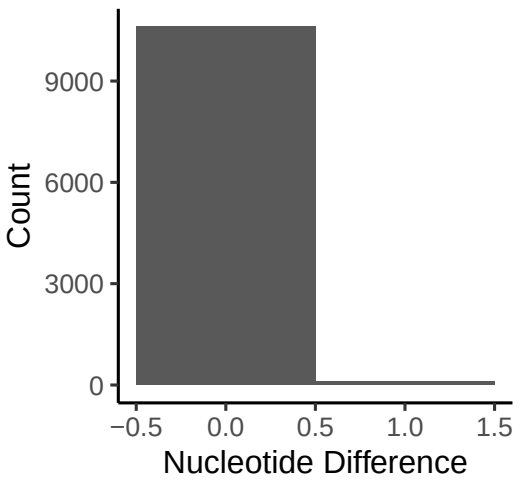
TRBV6−56*ap01

10373 sequences assigned
10263 (98.9%) exact matches, in which:
10042 unique CDR3
13 unique J



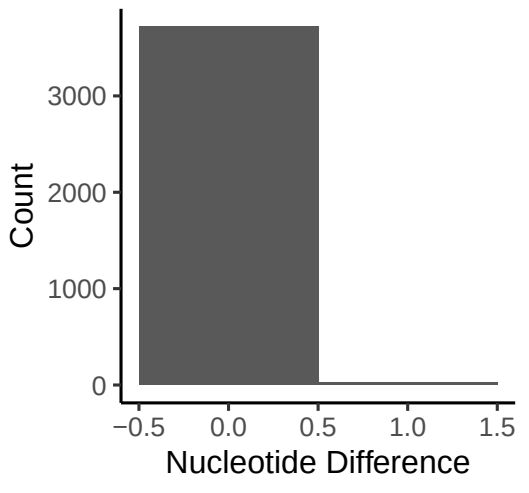
TRBV7−2*ap01

10701 sequences assigned
10608 (99.1%) exact matches, in which:
10447 unique CDR3
13 unique J



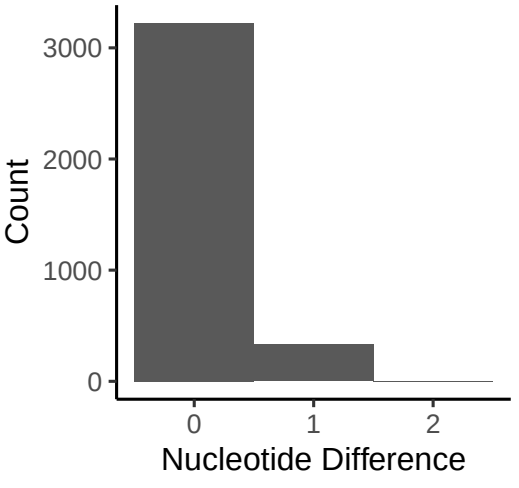
TRBV7−6*ap01

3741 sequences assigned
3718 (99.4%) exact matches, in which:
3649 unique CDR3
13 unique J



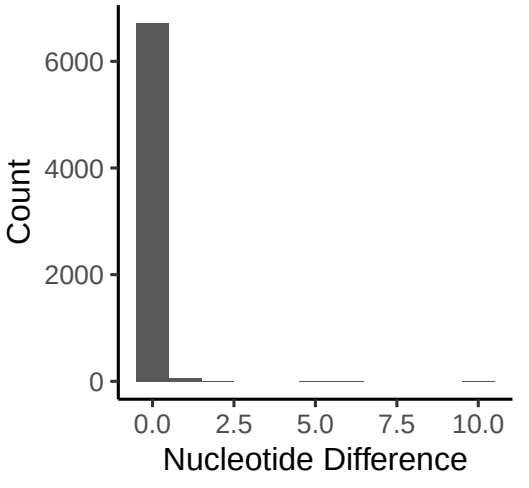
TRBV6−56*ap02

3558 sequences assigned
3223 (90.6%) exact matches, in which:
3155 unique CDR3
13 unique J



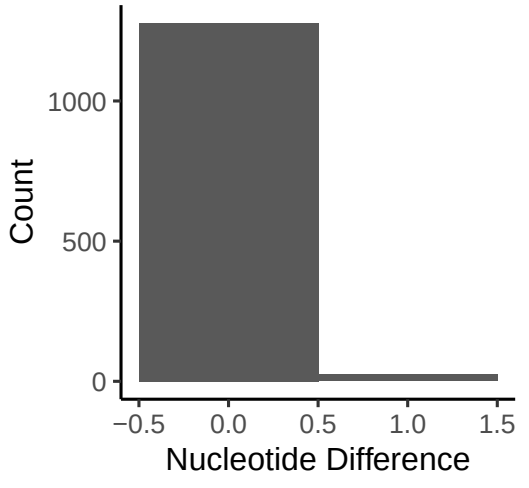
TRBV7−3*ap01

6782 sequences assigned
6718 (99.1%) exact matches, in which:
6620 unique CDR3
13 unique J



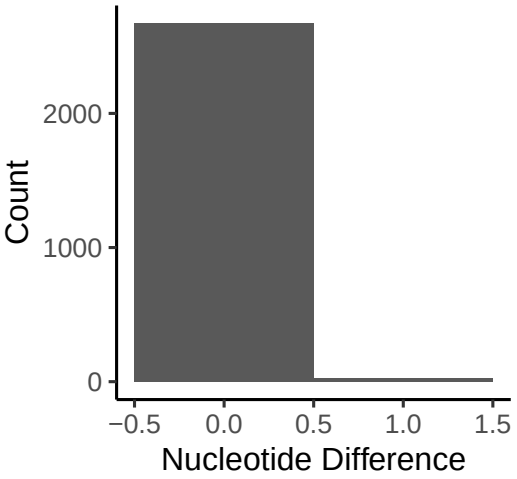
TRBV7−7*ap01_C315T

1302 sequences assigned
1278 (98.2%) exact matches, in which:
1263 unique CDR3
13 unique J



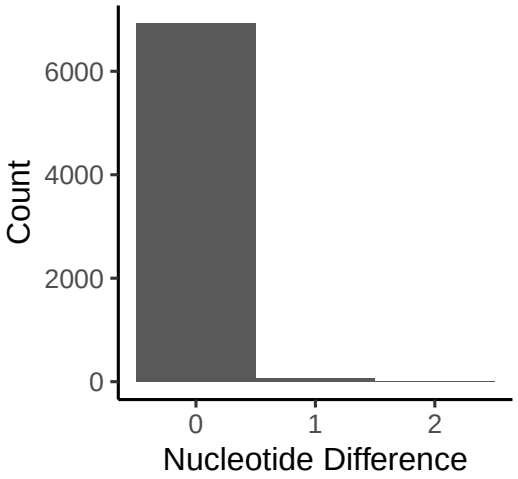
TRBV7−8*ap01

2700 sequences assigned
2671 (98.9%) exact matches, in which:
2624 unique CDR3
13 unique J



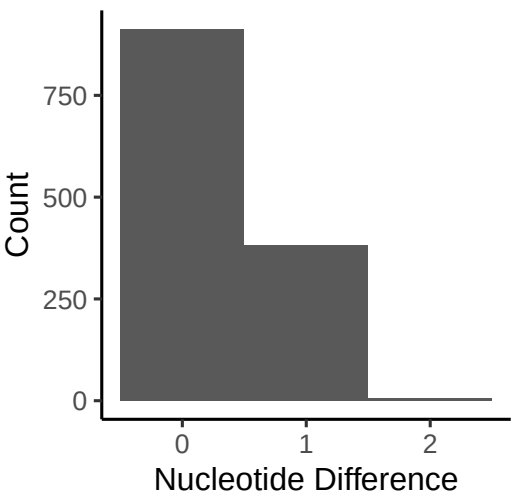
TRBV29−1*ap01

6996 sequences assigned
6925 (99%) exact matches, in which:
6798 unique CDR3
13 unique J



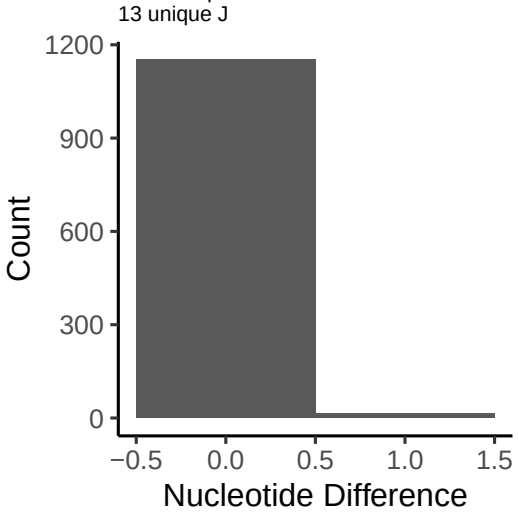
TRBV7−8*ap03

1301 sequences assigned
913 (70.2%) exact matches, in which:
892 unique CDR3
13 unique J



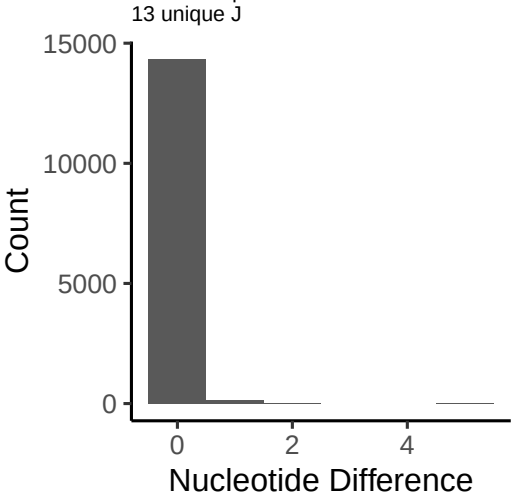
TRBV29−1*ap02

1166 sequences assigned
1152 (98.8%) exact matches, in which:
1135 unique CDR3
13 unique J

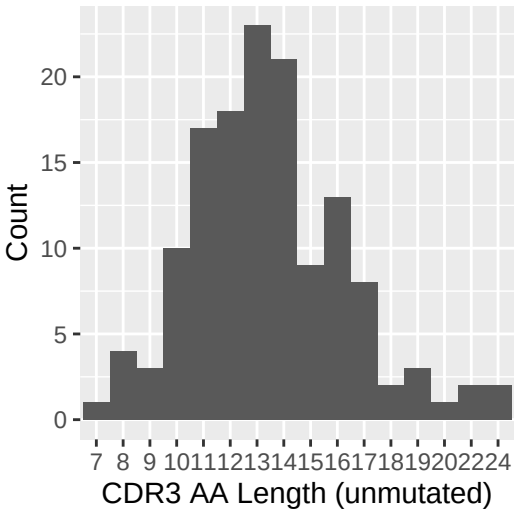


TRBV7−9*ap01

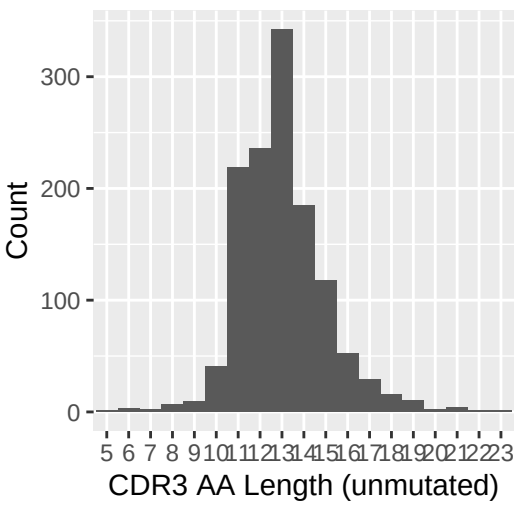
14484 sequences assigned
14351 (99.1%) exact matches, in which:
14137 unique CDR3
13 unique J

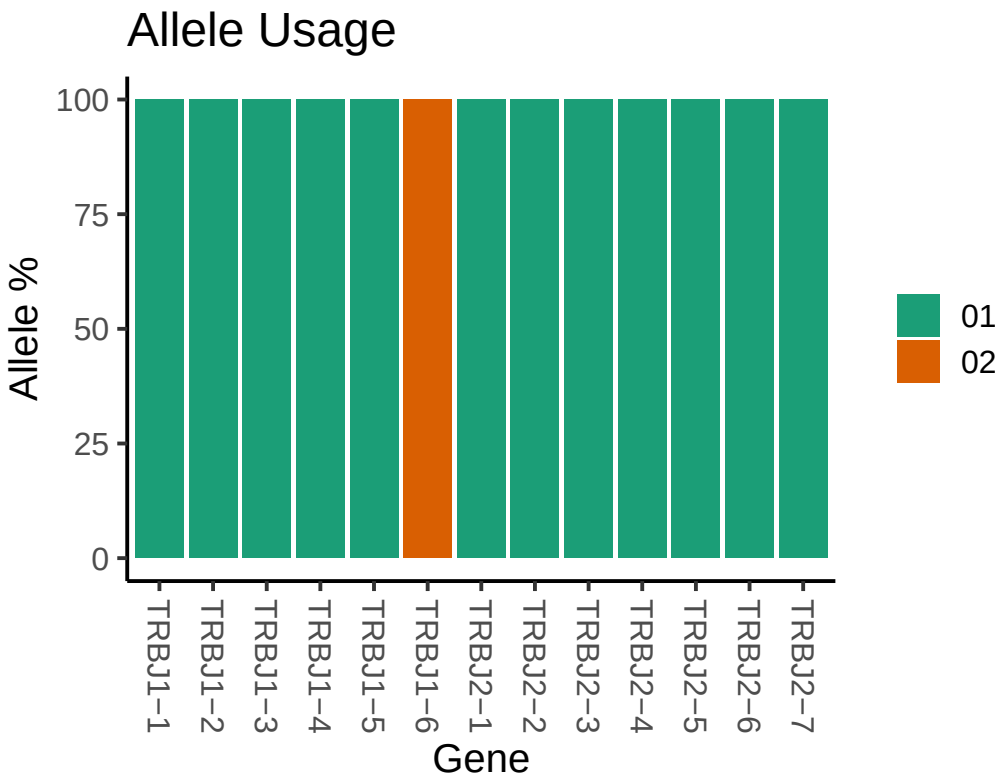


TRBV7−1*ap01_G291C_T296C



TRBV7−7*ap01_C315T




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.