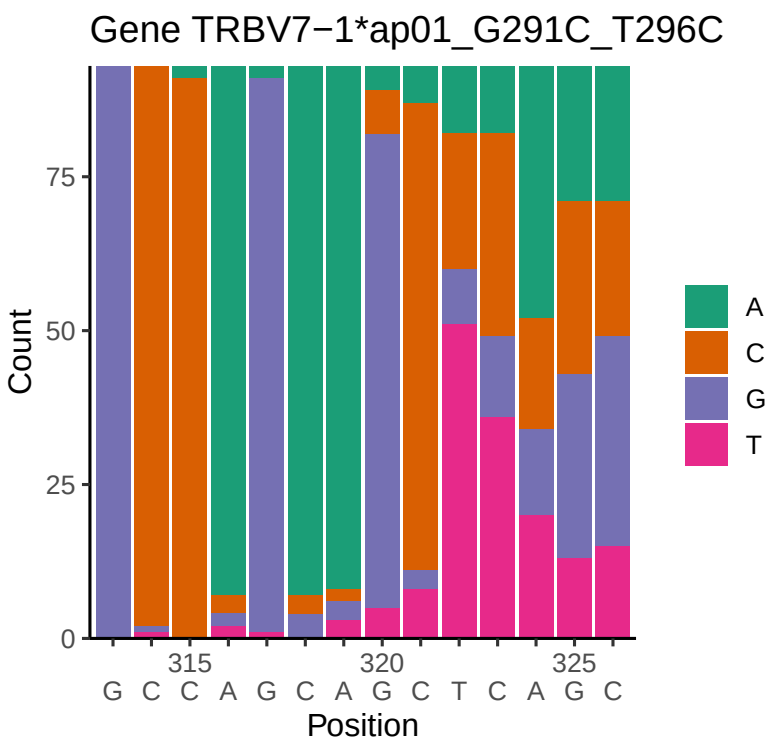
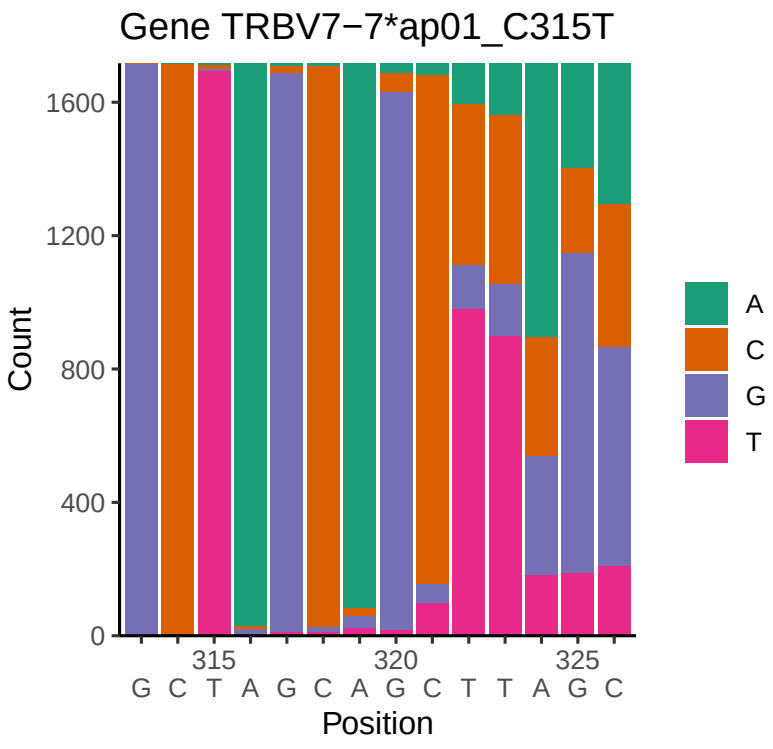
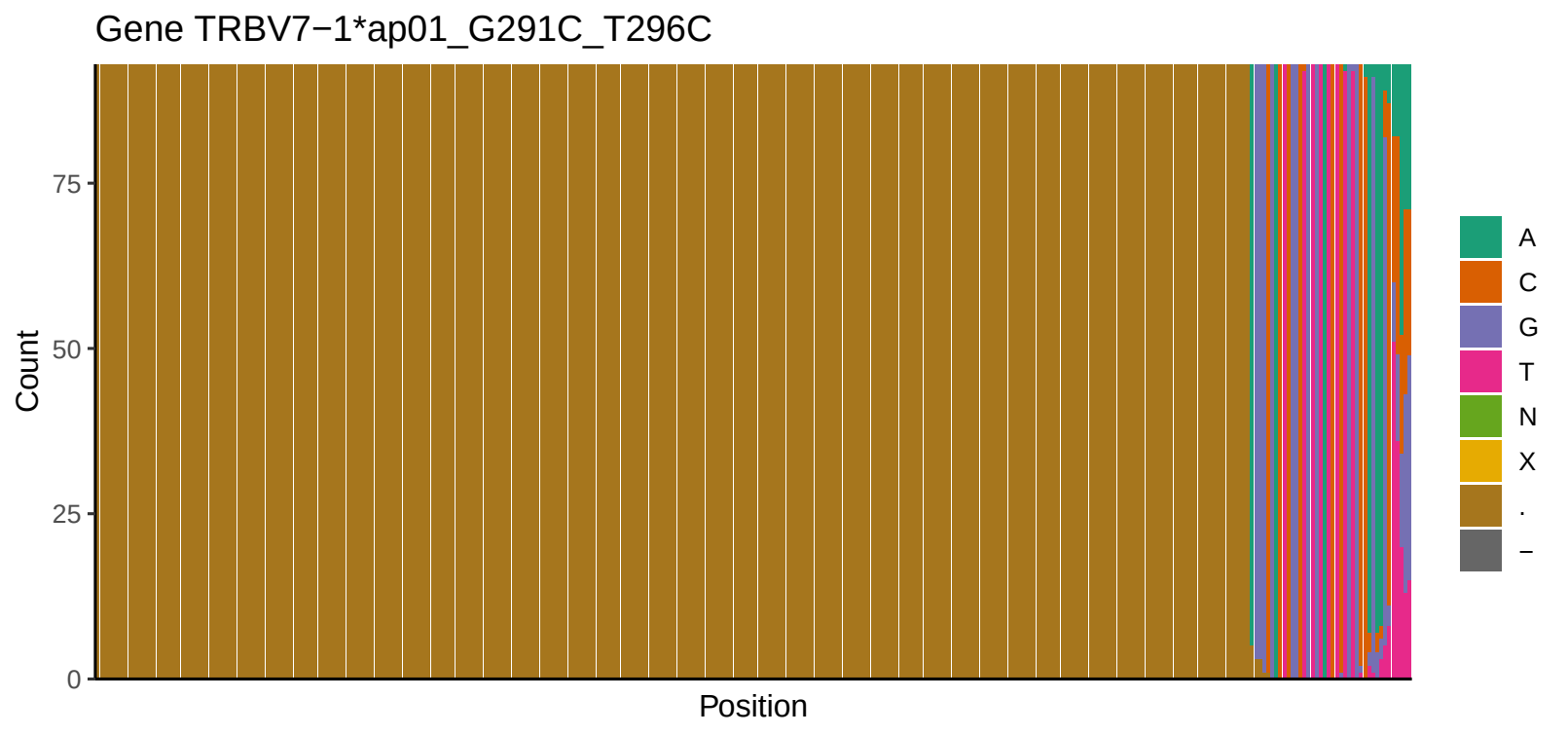
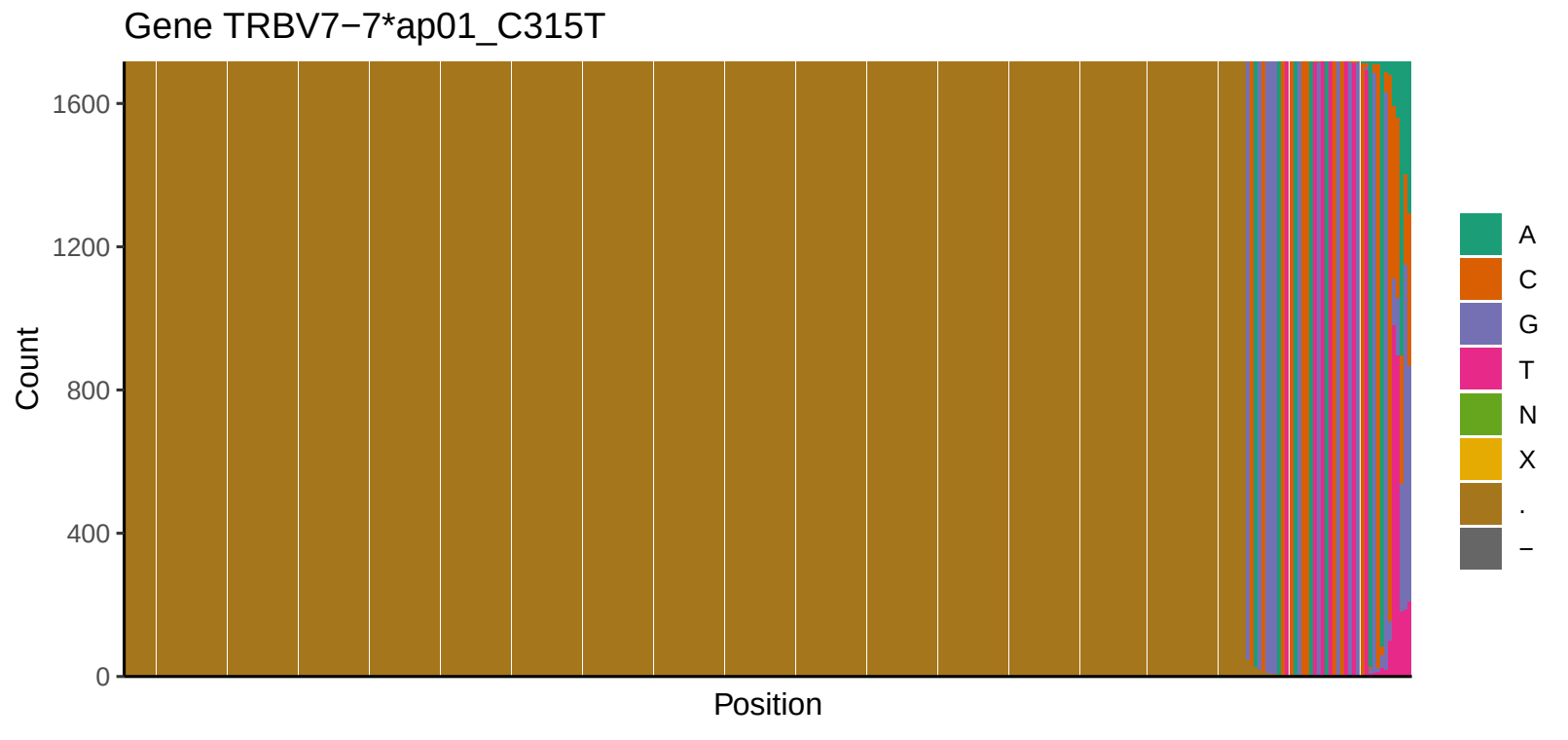
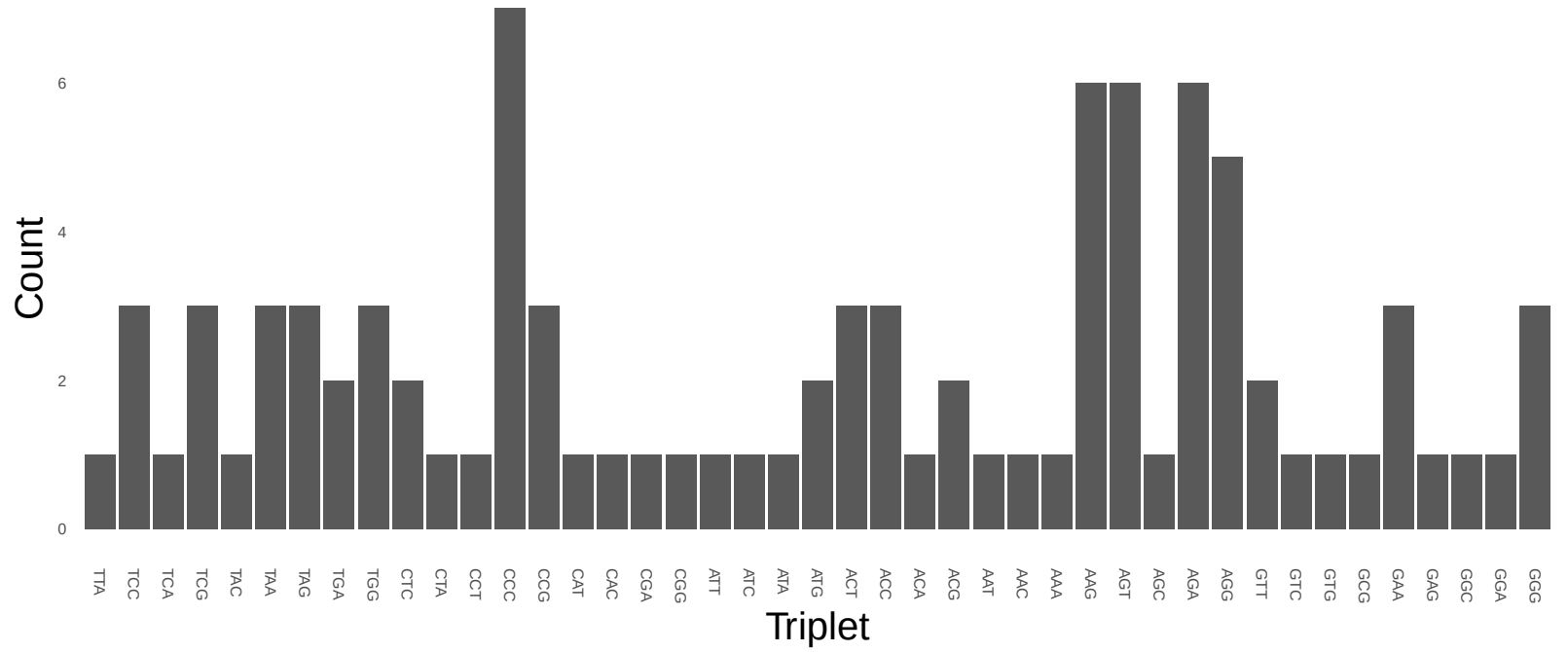

Gene TRBV7−1*ap01_G291C_T296C
Count
75
50
25
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
1600
1200
800
400
0
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

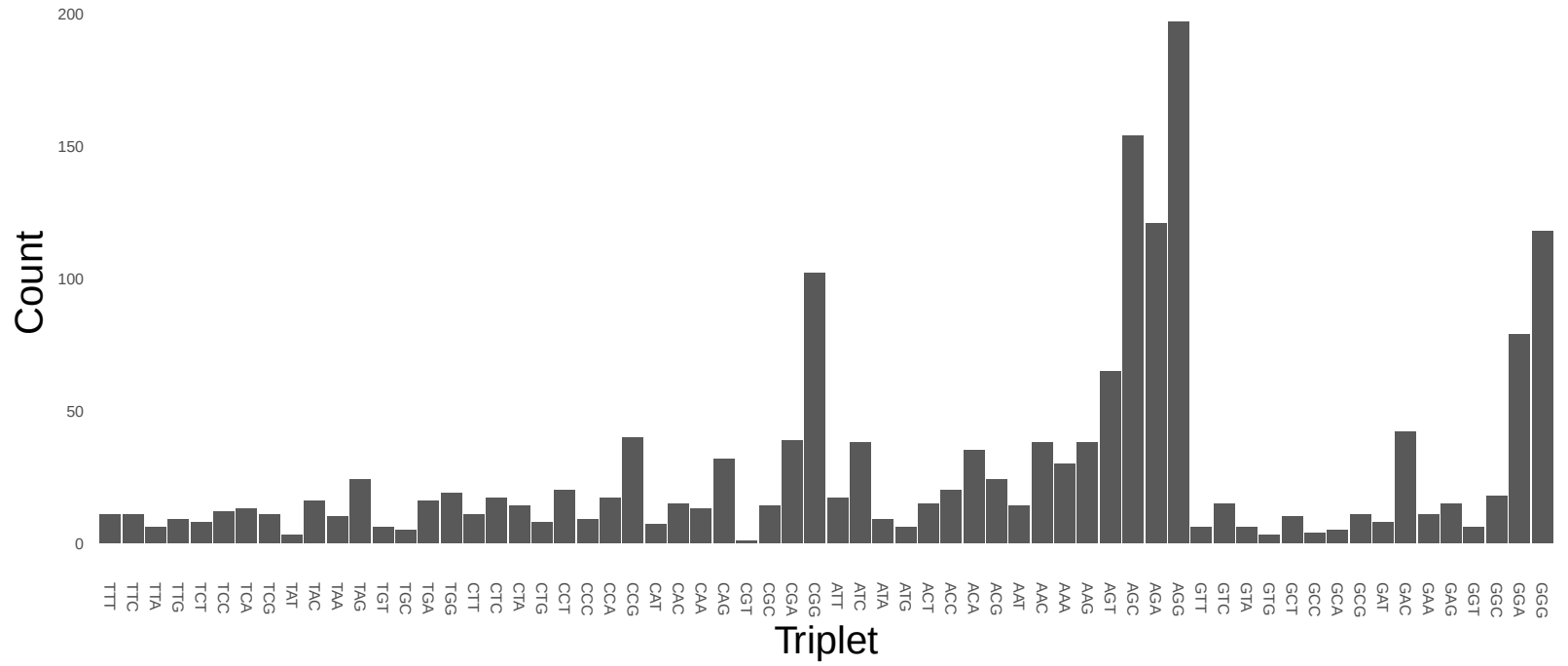

Gene TRBV7−1*ap01_G291C_T296C
Count
0
25
50
75
Position
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
Count
0
400
800
1200
1600
Position
A
C
G
T
N
X
.
–

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

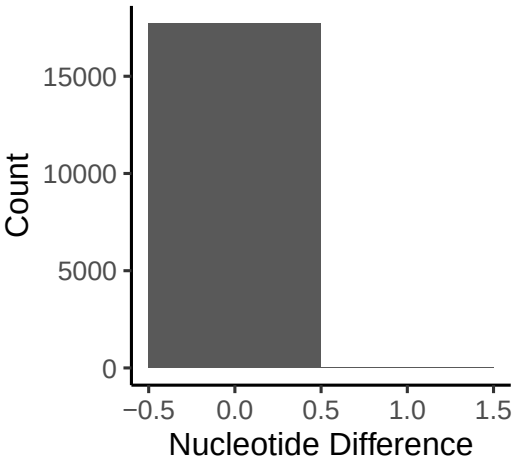


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



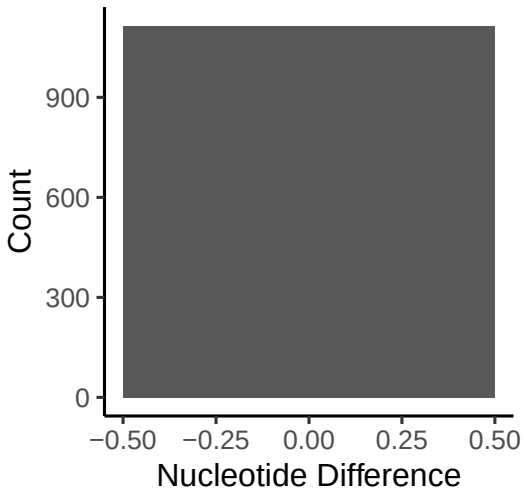
TRBV20−1*ap01

17747 sequences assigned
17730 (99.9%) exact matches, in which:
17727 unique CDR3
12 unique J



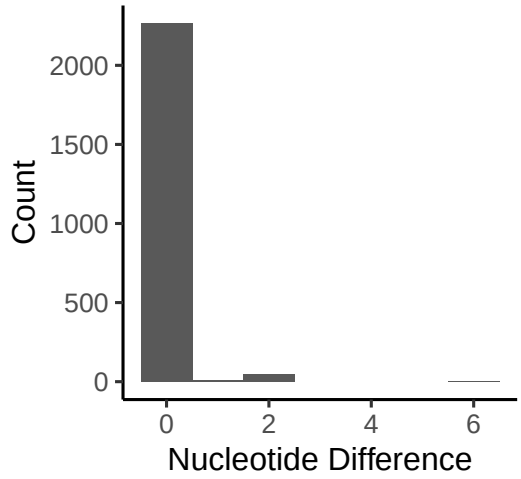
TRBV10−2*ap01

1115 sequences assigned
1115 (100%) exact matches, in which:
1114 unique CDR3
12 unique J



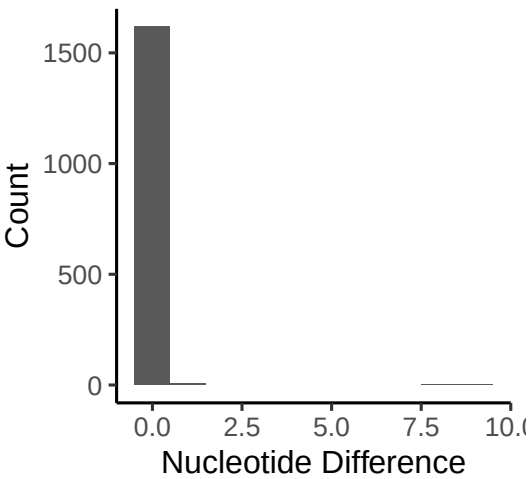
TRBV13*ap01

2325 sequences assigned
2265 (97.4%) exact matches, in which:
2265 unique CDR3
12 unique J



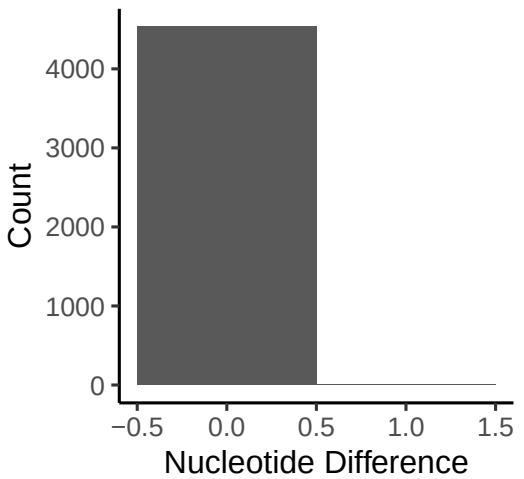
TRBV10−1*ap01

1627 sequences assigned
1618 (99.4%) exact matches, in which:
1618 unique CDR3
12 unique J



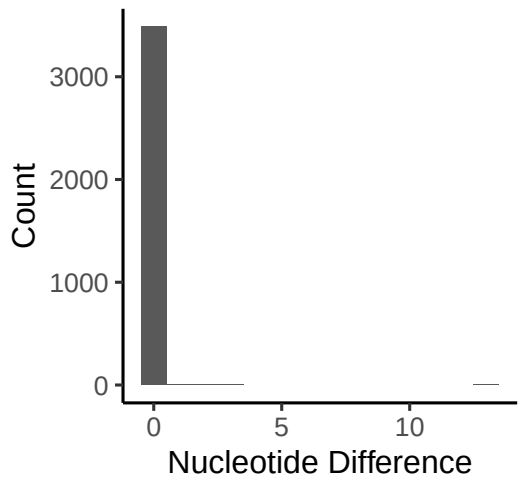
TRBV10−3*ap01

4542 sequences assigned
4533 (99.8%) exact matches, in which:
4531 unique CDR3
12 unique J



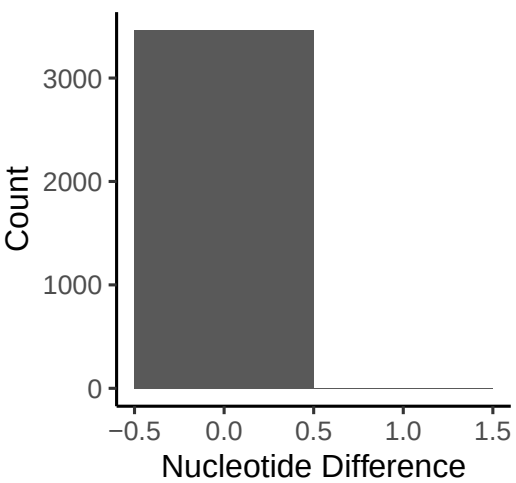
TRBV14*ap01

3493 sequences assigned
3487 (99.8%) exact matches, in which:
3486 unique CDR3
12 unique J



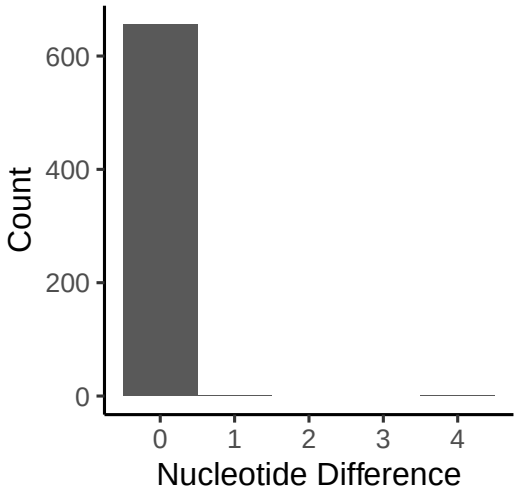
TRBV20−1*ap02

3467 sequences assigned
3464 (99.9%) exact matches, in which:
3464 unique CDR3
12 unique J



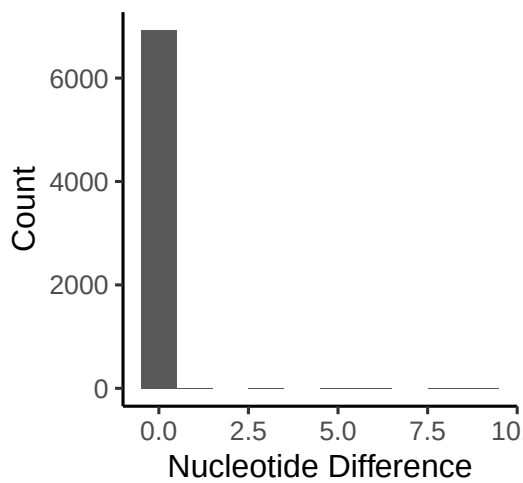
TRBV1*ap01

658 sequences assigned
656 (99.7%) exact matches, in which:
656 unique CDR3
12 unique J



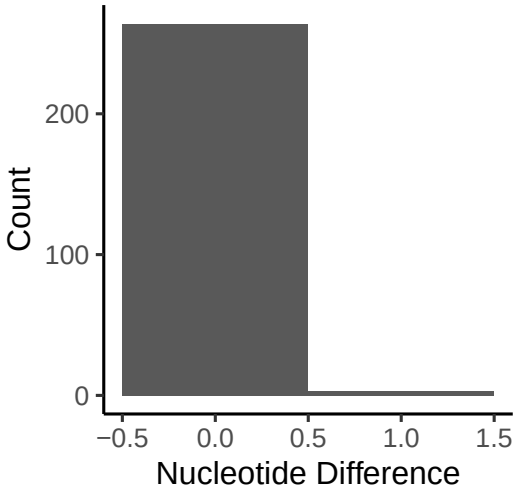
TRBV15*ap02

6942 sequences assigned
6929 (99.8%) exact matches, in which:
6925 unique CDR3
12 unique J



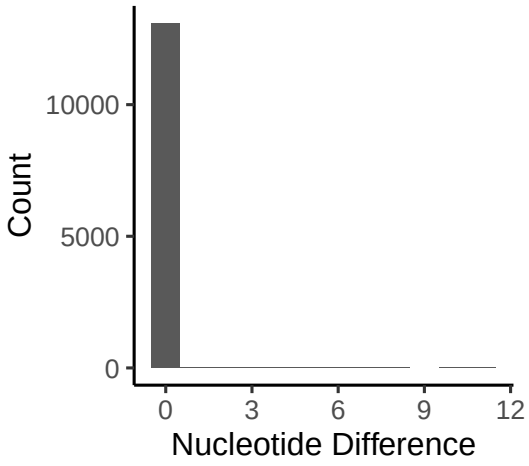
TRBV16*ap01

267 sequences assigned
264 (98.9%) exact matches, in which:
264 unique CDR3
12 unique J



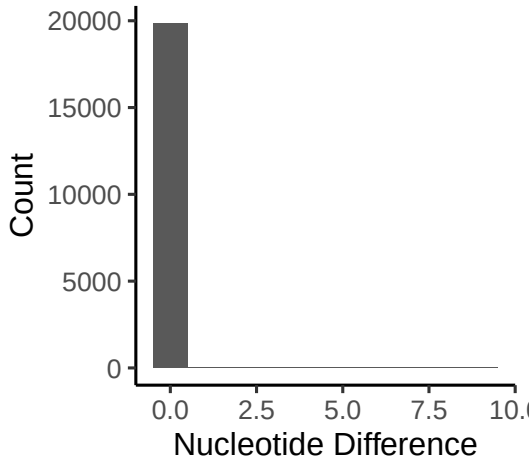
TRBV19*ap01

13131 sequences assigned
13095 (99.7%) exact matches, in which:
13095 unique CDR3
12 unique J



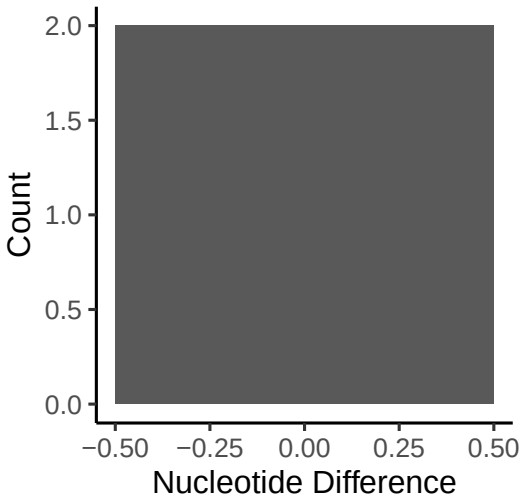
TRBV27*ap01

19928 sequences assigned
19862 (99.7%) exact matches, in which:
19843 unique CDR3
13 unique J



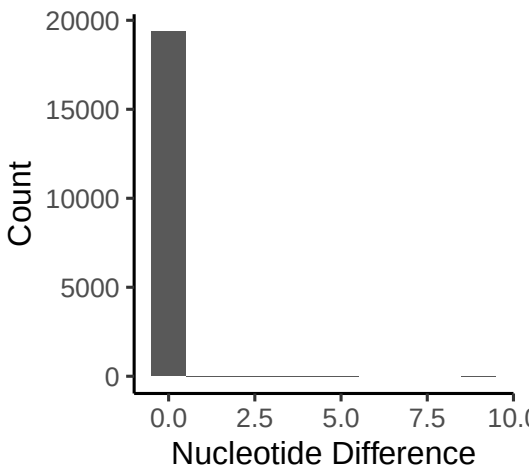
TRBV17*ap01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
1 unique J



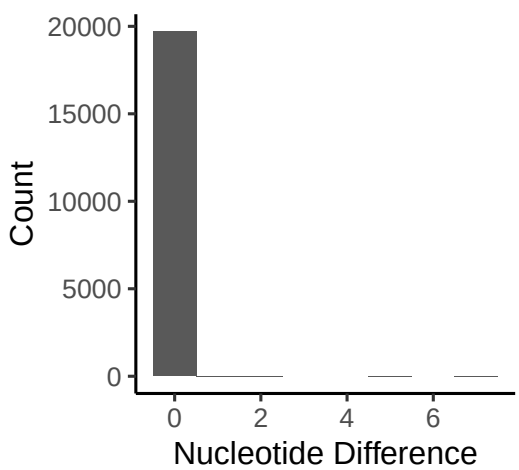
TRBV2*ap01

19413 sequences assigned
19373 (99.8%) exact matches, in which:
19362 unique CDR3
13 unique J



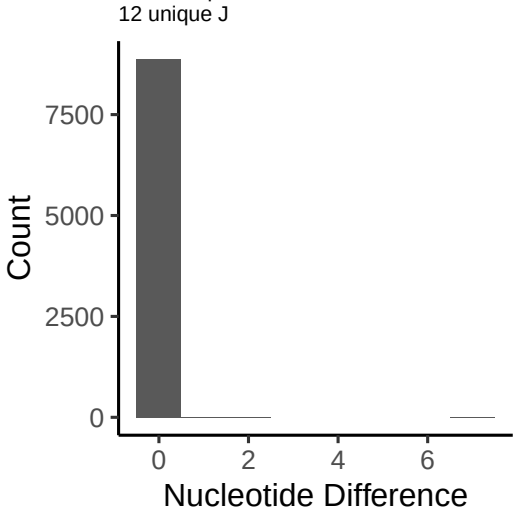
TRBV28*ap01

19737 sequences assigned
19706 (99.8%) exact matches, in which:
19705 unique CDR3
12 unique J



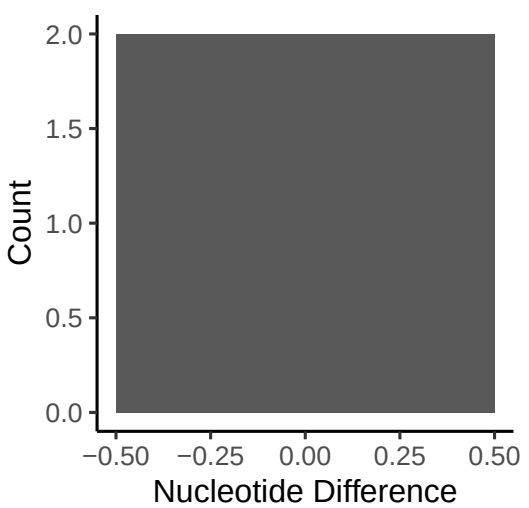
TRBV18*ap01

8886 sequences assigned
8876 (99.9%) exact matches, in which:
8875 unique CDR3
12 unique J



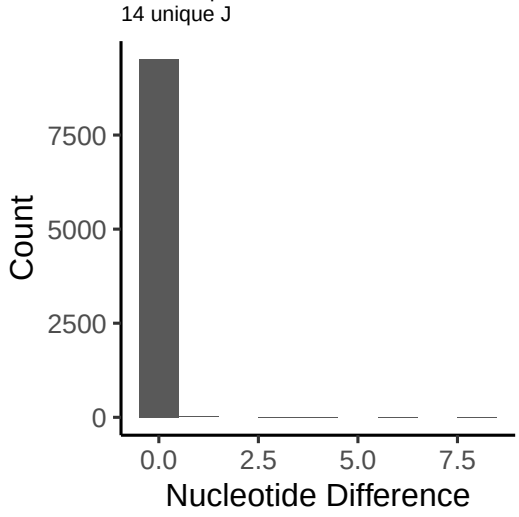
TRBV26*ap01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
1 unique J



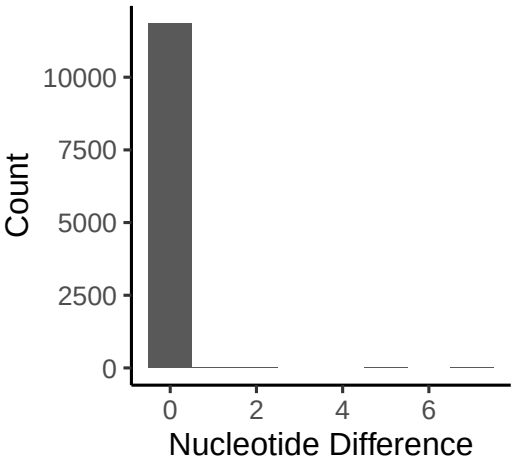
TRBV30*ap02

9550 sequences assigned
9519 (99.7%) exact matches, in which:
9514 unique CDR3
14 unique J



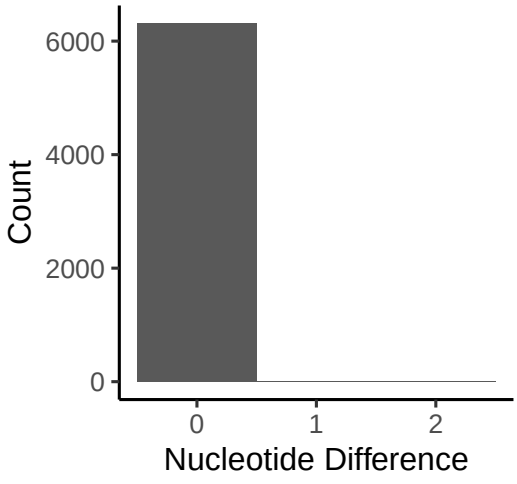
TRBV9*ap01

11879 sequences assigned
11860 (99.8%) exact matches, in which:
11855 unique CDR3
13 unique J



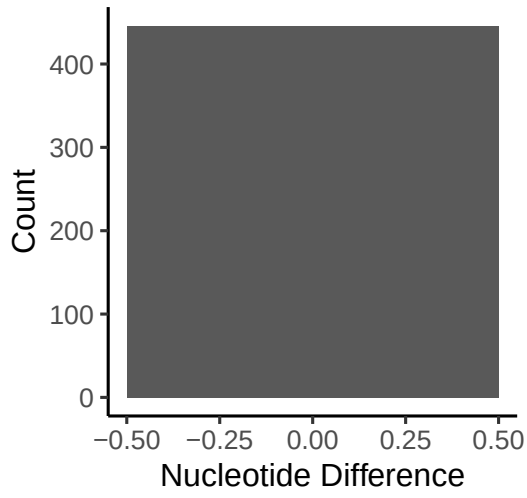
TRBV11−2*ap01

6321 sequences assigned
6312 (99.9%) exact matches, in which:
6312 unique CDR3
13 unique J



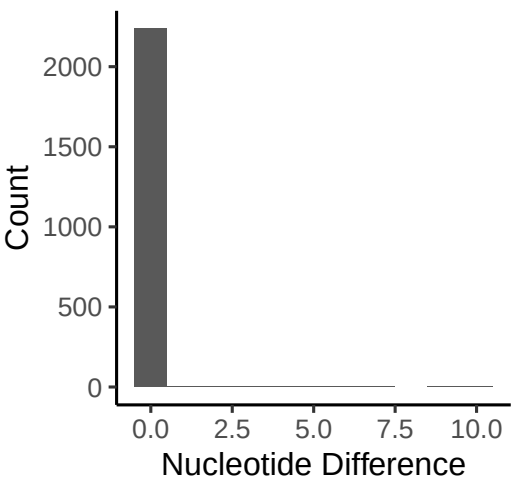
TRBV12−2*ap01

446 sequences assigned
446 (100%) exact matches, in which:
446 unique CDR3
12 unique J



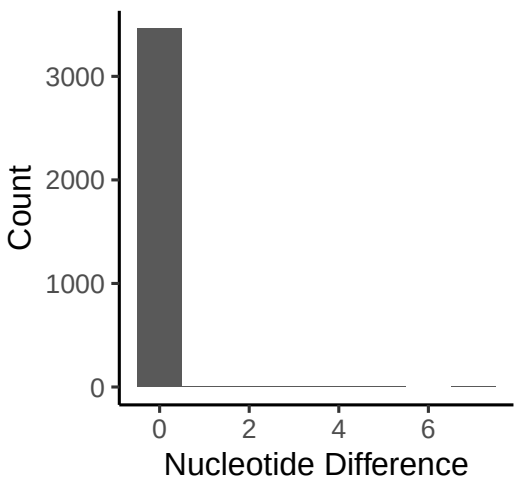
TRBV21−1*ap01

2266 sequences assigned
2237 (98.7%) exact matches, in which:
2237 unique CDR3
12 unique J



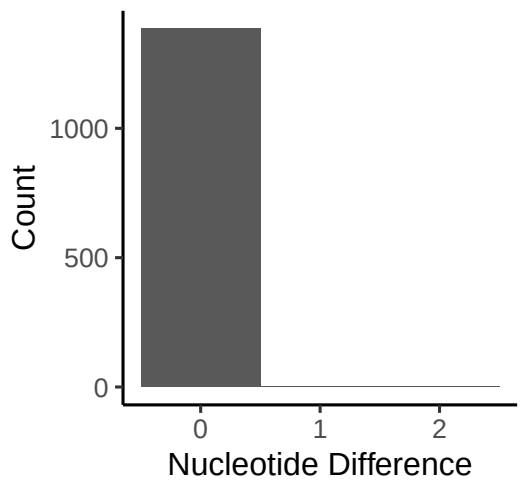
TRBV11−3*ap01

3475 sequences assigned
3460 (99.6%) exact matches, in which:
3458 unique CDR3
12 unique J



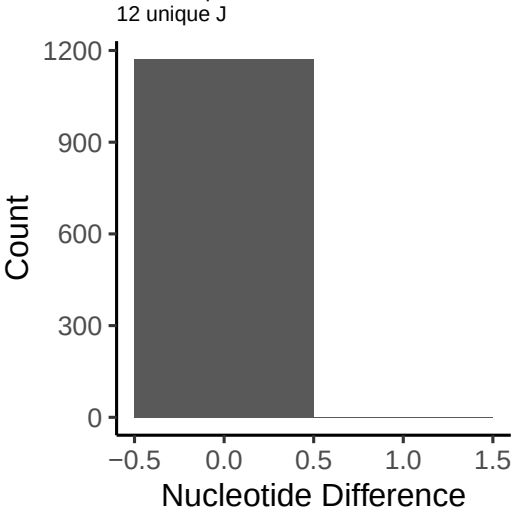
TRBV12−5*ap01

1389 sequences assigned
1385 (99.7%) exact matches, in which:
1385 unique CDR3
12 unique J



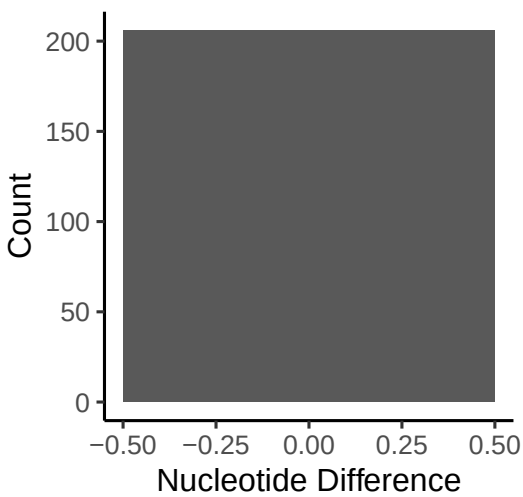
TRBV11−1*ap01

1173 sequences assigned
1172 (99.9%) exact matches, in which:
1171 unique CDR3
12 unique J



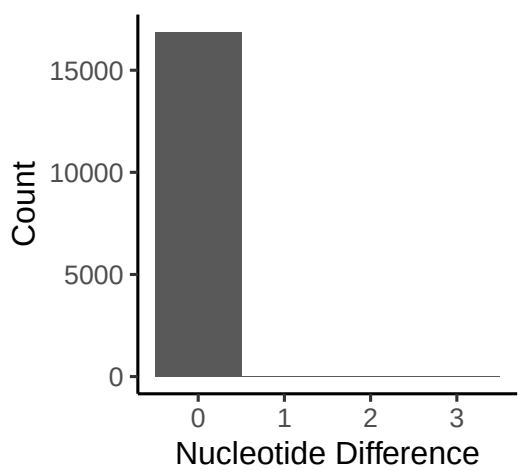
TRBV12−1*ap01

206 sequences assigned
206 (100%) exact matches, in which:
206 unique CDR3
12 unique J



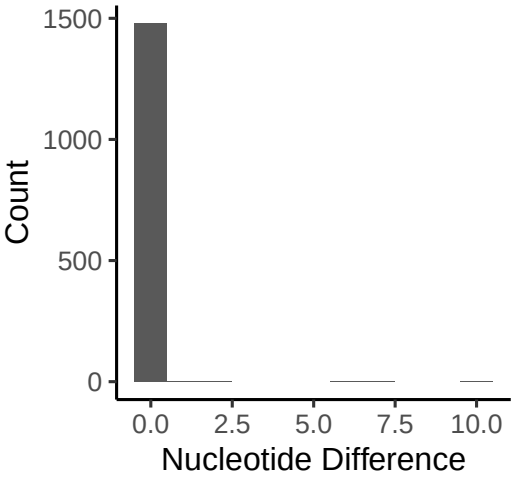
TRBV12−34*ap01

16916 sequences assigned
16882 (99.8%) exact matches, in which:
16879 unique CDR3
12 unique J



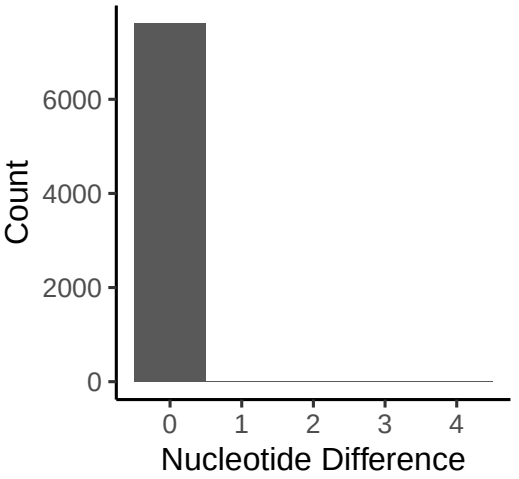
TRBV23−1*ap01

1487 sequences assigned
1479 (99.5%) exact matches, in which:
1479 unique CDR3
12 unique J



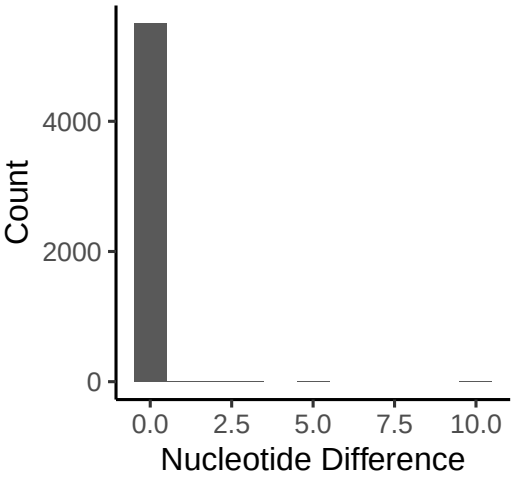
TRBV24−1*ap01

7630 sequences assigned
7613 (99.8%) exact matches, in which:
7607 unique CDR3
12 unique J



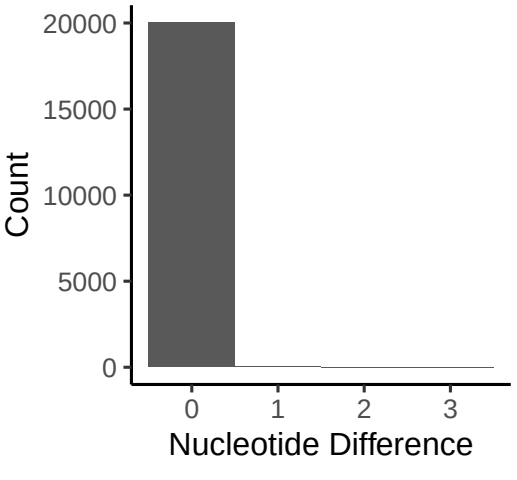
TRBV25−1*ap01

5527 sequences assigned
5504 (99.6%) exact matches, in which:
5500 unique CDR3
12 unique J



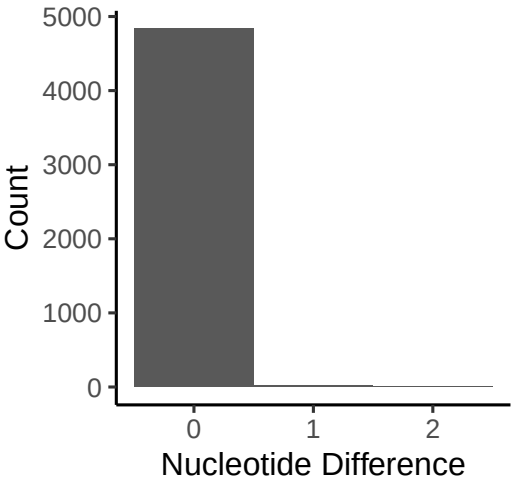
TRBV3−12*ap01

20069 sequences assigned
20032 (99.8%) exact matches, in which:
20010 unique CDR3
13 unique J



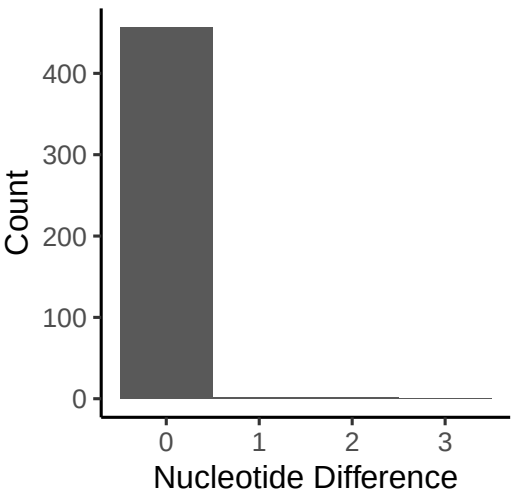
TRBV4−2*ap01

4855 sequences assigned
4835 (99.6%) exact matches, in which:
4834 unique CDR3
12 unique J



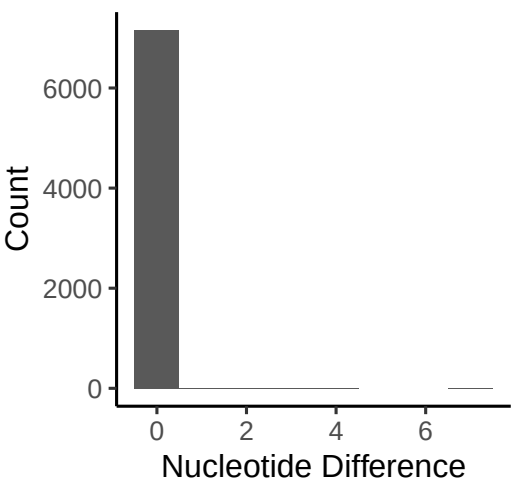
TRBV5−3*ap01

462 sequences assigned
457 (98.9%) exact matches, in which:
457 unique CDR3
12 unique J



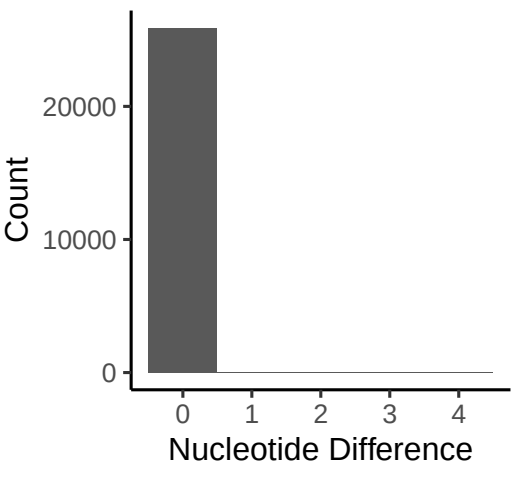
TRBV4−1*ap01

7172 sequences assigned
7158 (99.8%) exact matches, in which:
7154 unique CDR3
12 unique J



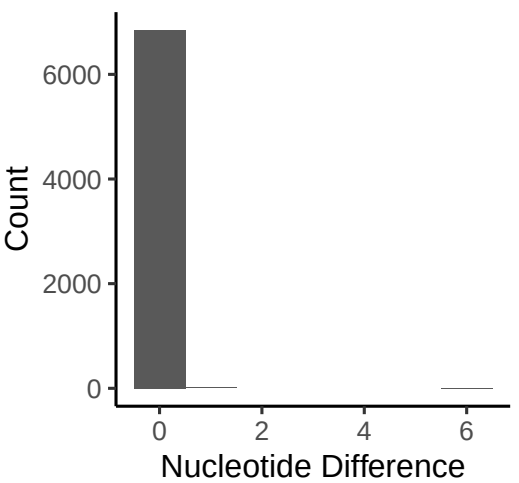
TRBV5−1*ap01

25934 sequences assigned
25905 (99.9%) exact matches, in which:
25887 unique CDR3
13 unique J



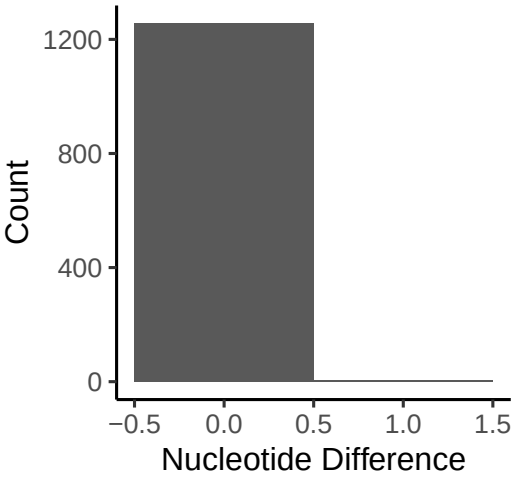
TRBV5−4*ap01

6862 sequences assigned
6847 (99.8%) exact matches, in which:
6845 unique CDR3
12 unique J



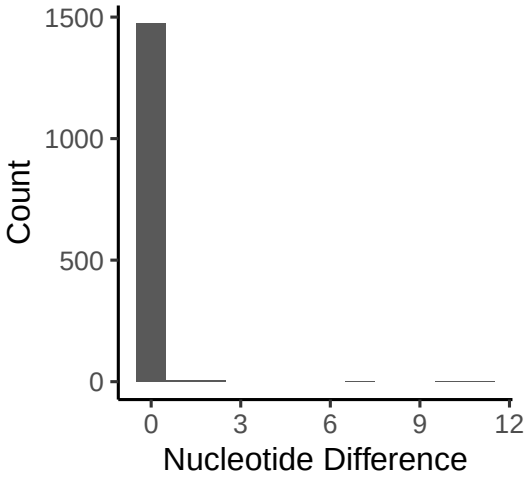
TRBV5−5*ap01

1263 sequences assigned
1256 (99.4%) exact matches, in which:
1253 unique CDR3
12 unique J



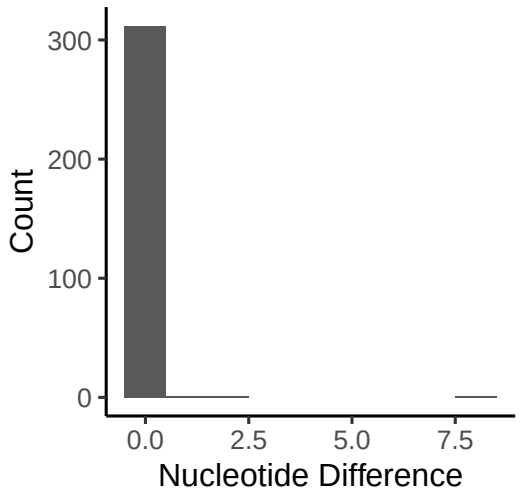
TRBV5−8*ap01

1489 sequences assigned
1474 (99%) exact matches, in which:
1474 unique CDR3
12 unique J



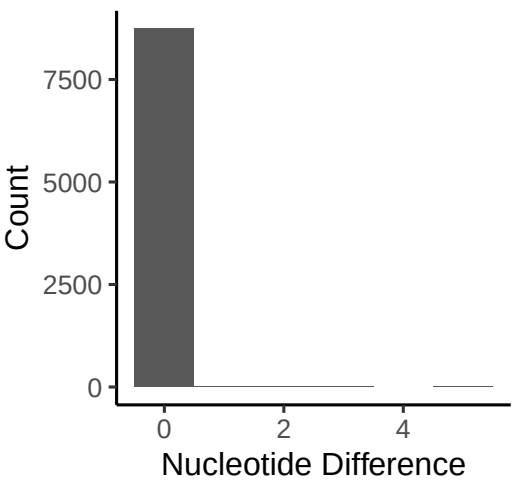
TRBV6−7*ap01

315 sequences assigned
312 (99%) exact matches, in which:
312 unique CDR3
12 unique J



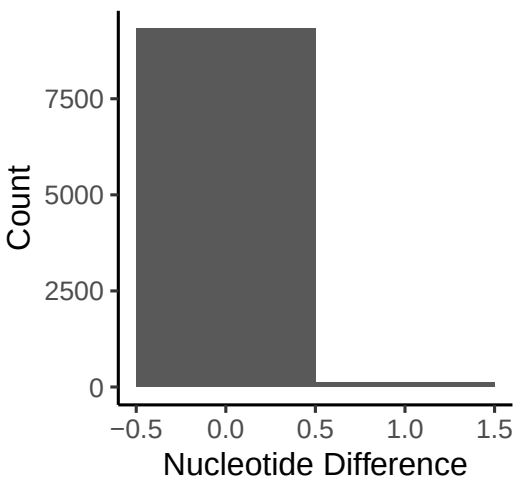
TRBV5−6*ap01

8763 sequences assigned
8738 (99.7%) exact matches, in which:
8721 unique CDR3
13 unique J



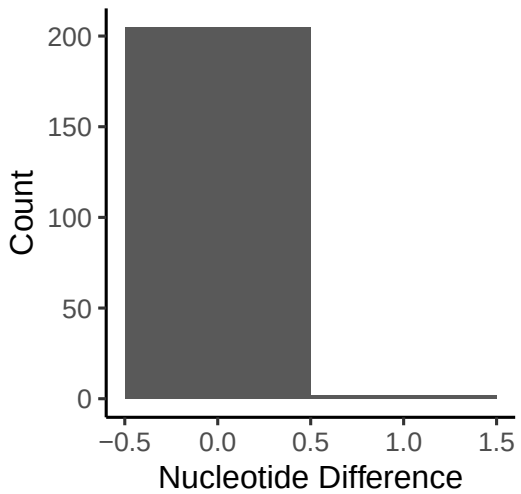
TRBV6−1*ap01

9441 sequences assigned
9322 (98.7%) exact matches, in which:
9319 unique CDR3
12 unique J



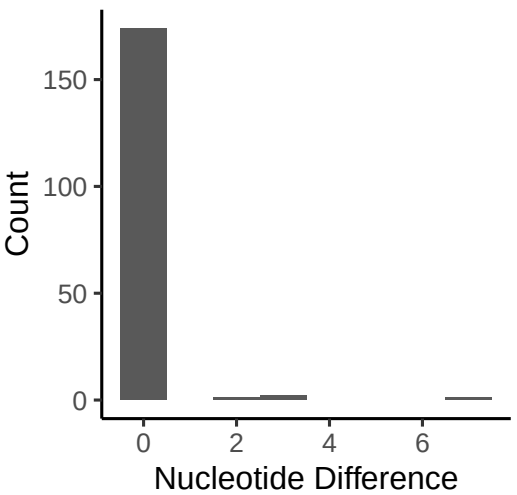
TRBV6−8*ap01

207 sequences assigned
205 (99%) exact matches, in which:
205 unique CDR3
12 unique J



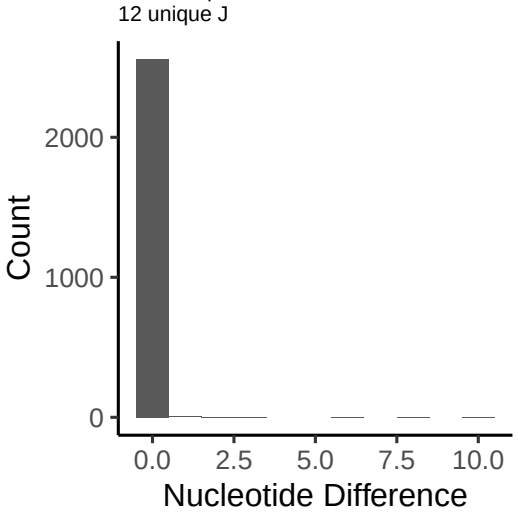
TRBV5−7*ap01

178 sequences assigned
174 (97.8%) exact matches, in which:
174 unique CDR3
12 unique J



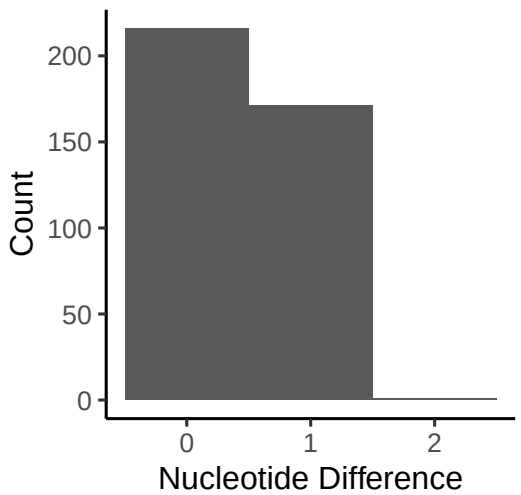
TRBV6−4*ap01

2573 sequences assigned
2559 (99.5%) exact matches, in which:
2559 unique CDR3
12 unique J



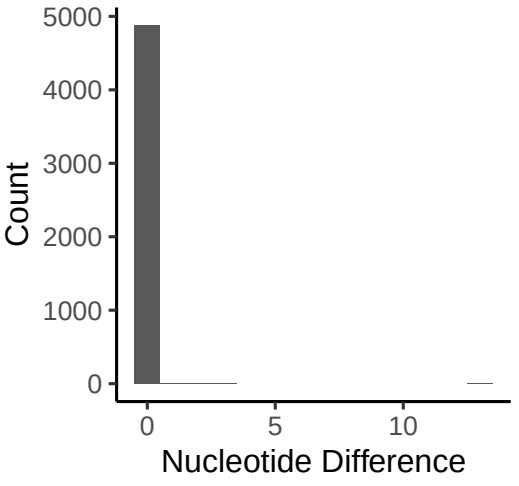
TRBV6−9*ap01

388 sequences assigned
216 (55.7%) exact matches, in which:
216 unique CDR3
12 unique J



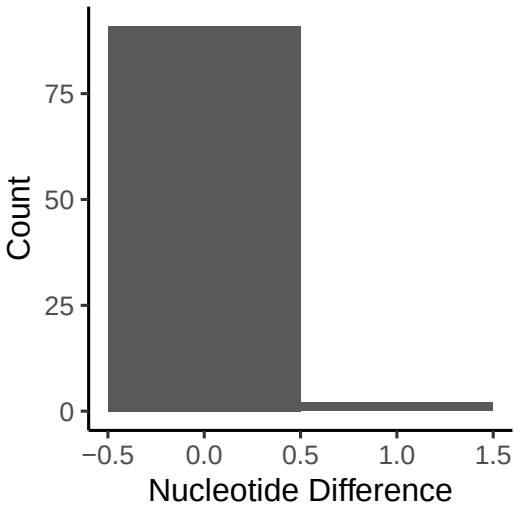
TRBV6−23*ap01

4893 sequences assigned
4877 (99.7%) exact matches, in which:
4877 unique CDR3
12 unique J



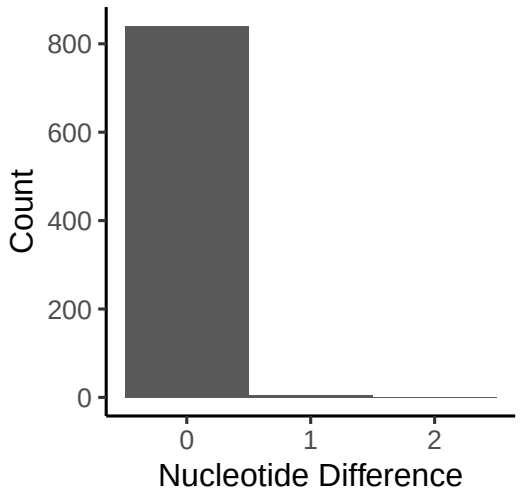
TRBV7−1*ap01_G291C_T

93 sequences assigned
91 (97.8%) exact matches, in which:
91 unique CDR3
11 unique J



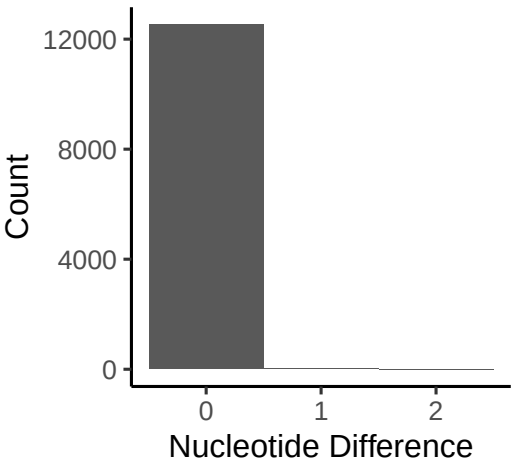
TRBV7−3*ap03

847 sequences assigned
841 (99.3%) exact matches, in which:
841 unique CDR3
12 unique J



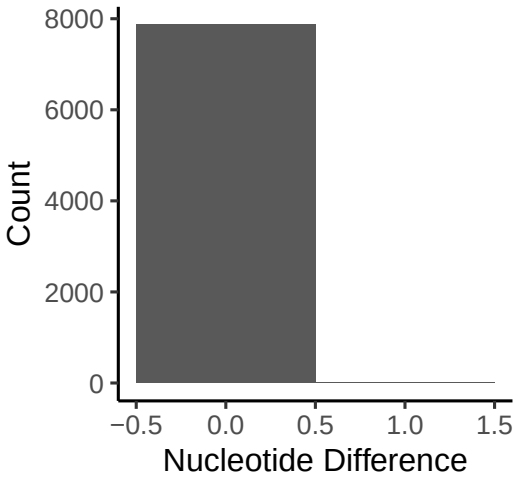
TRBV6−56*ap01

12552 sequences assigned
12533 (99.8%) exact matches, in which:
12524 unique CDR3
13 unique J



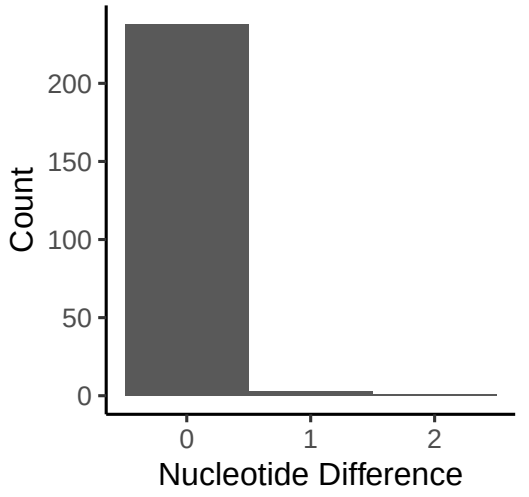
TRBV7−2*ap01

7884 sequences assigned
7868 (99.8%) exact matches, in which:
7867 unique CDR3
12 unique J



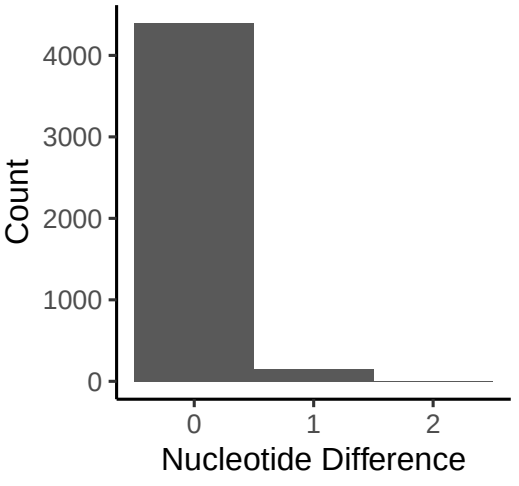
TRBV7−4*ap01

242 sequences assigned
238 (98.3%) exact matches, in which:
238 unique CDR3
12 unique J



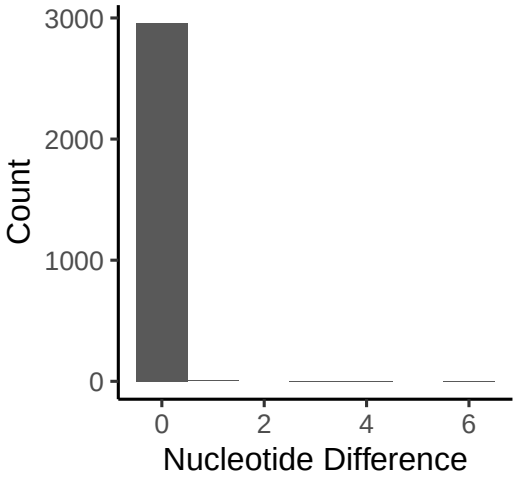
TRBV6−56*ap02

4547 sequences assigned
4397 (96.7%) exact matches, in which:
4395 unique CDR3
12 unique J



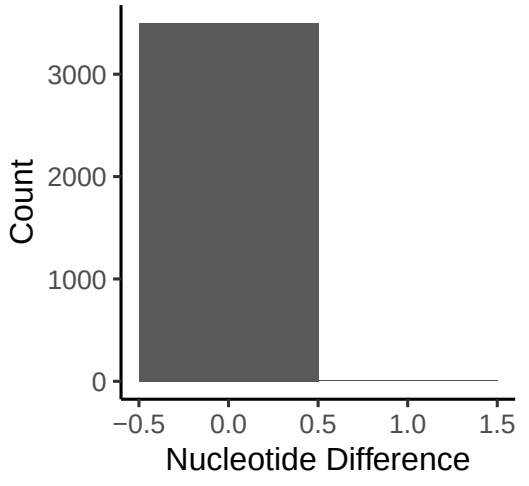
TRBV7−3*ap01

2969 sequences assigned
2958 (99.6%) exact matches, in which:
2956 unique CDR3
12 unique J



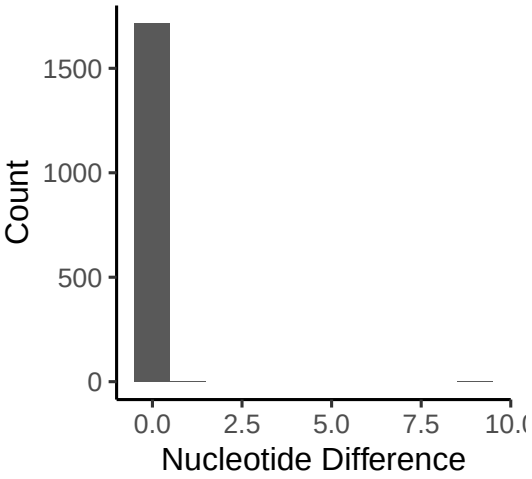
TRBV7−6*ap01

3507 sequences assigned
3500 (99.8%) exact matches, in which:
3500 unique CDR3
12 unique J



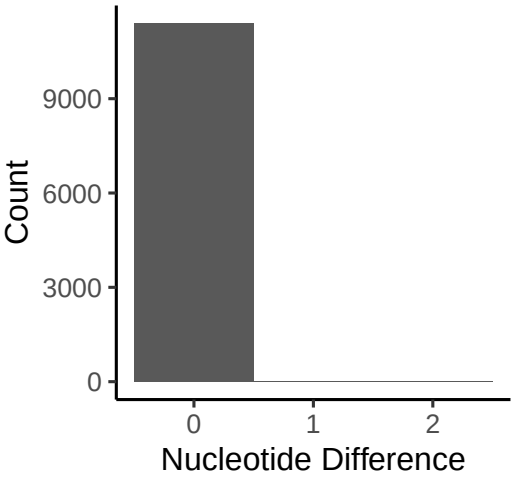
TRBV7−7*ap01_C315T

1717 sequences assigned
1715 (99.9%) exact matches, in which:
1715 unique CDR3
12 unique J



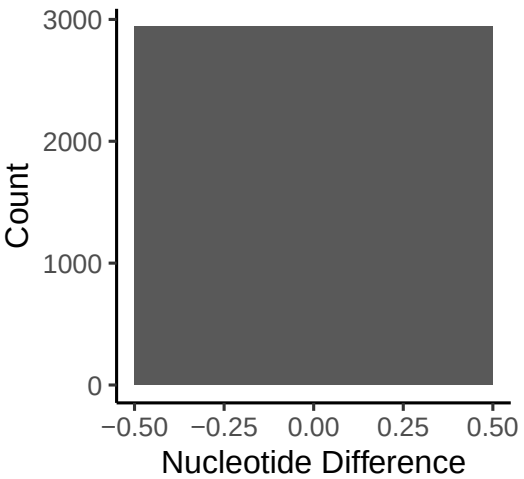
TRBV7−9*ap01

11411 sequences assigned
11394 (99.9%) exact matches, in which:
11391 unique CDR3
12 unique J



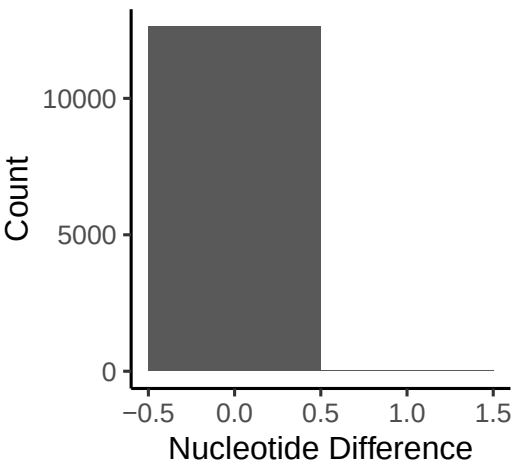
TRBV7−8*ap01

2940 sequences assigned
2940 (100%) exact matches, in which:
2940 unique CDR3
12 unique J



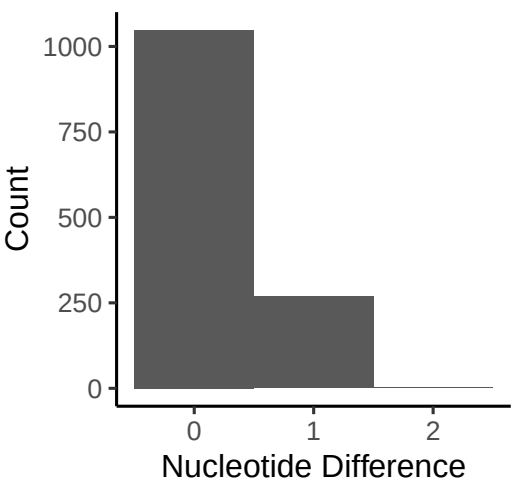
TRBV29−1*ap01

12665 sequences assigned
12635 (99.8%) exact matches, in which:
12616 unique CDR3
12 unique J



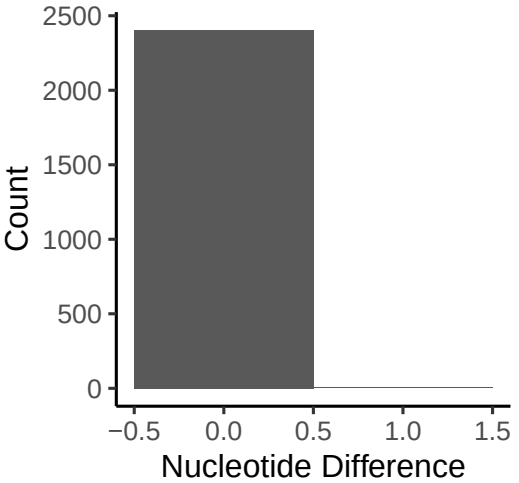
TRBV7−8*ap03

1319 sequences assigned
1048 (79.5%) exact matches, in which:
1048 unique CDR3
12 unique J

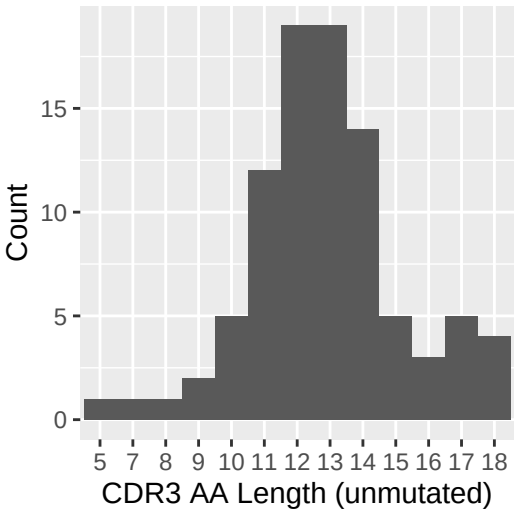


TRBV29−1*ap02

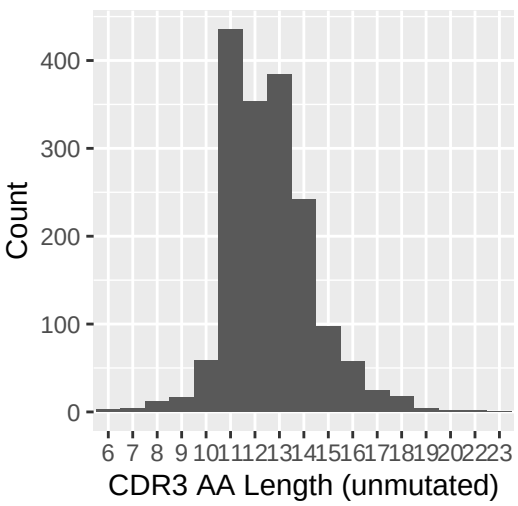
2409 sequences assigned
2404 (99.8%) exact matches, in which:
2399 unique CDR3
13 unique J



TRBV7−1*ap01_G291C_T296C



TRBV7−7*ap01_C315T



Allele Usage
Allele %
100
75
50
25
0
TRBJ1−1
TRBJ1−2
TRBJ1−3
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TRBJ1−5
TRBJ1−6
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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.