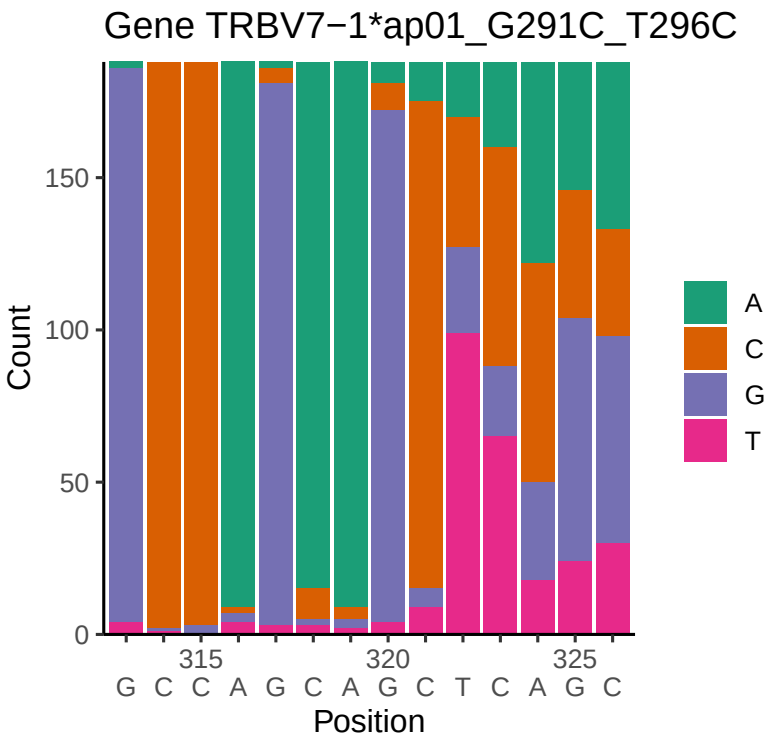
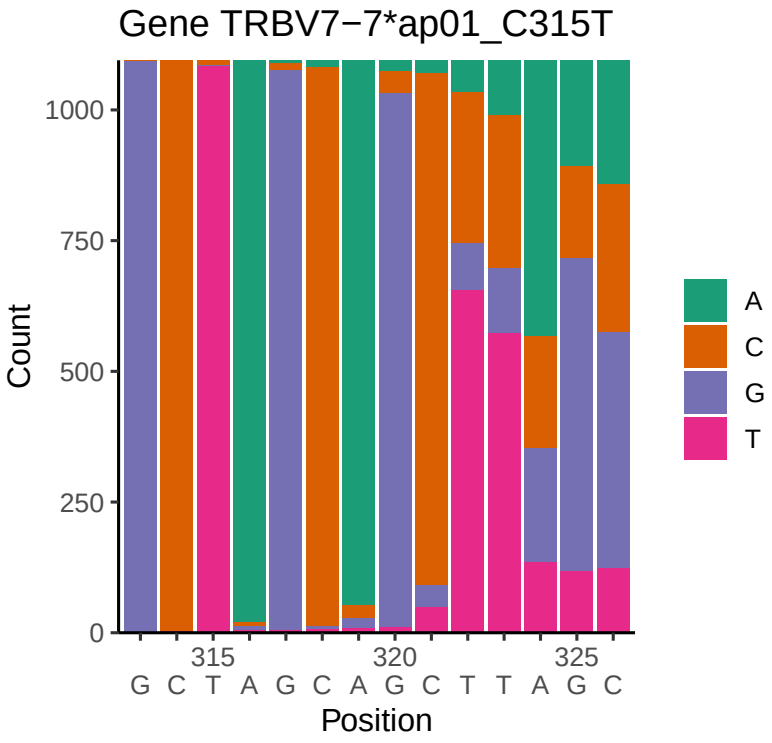
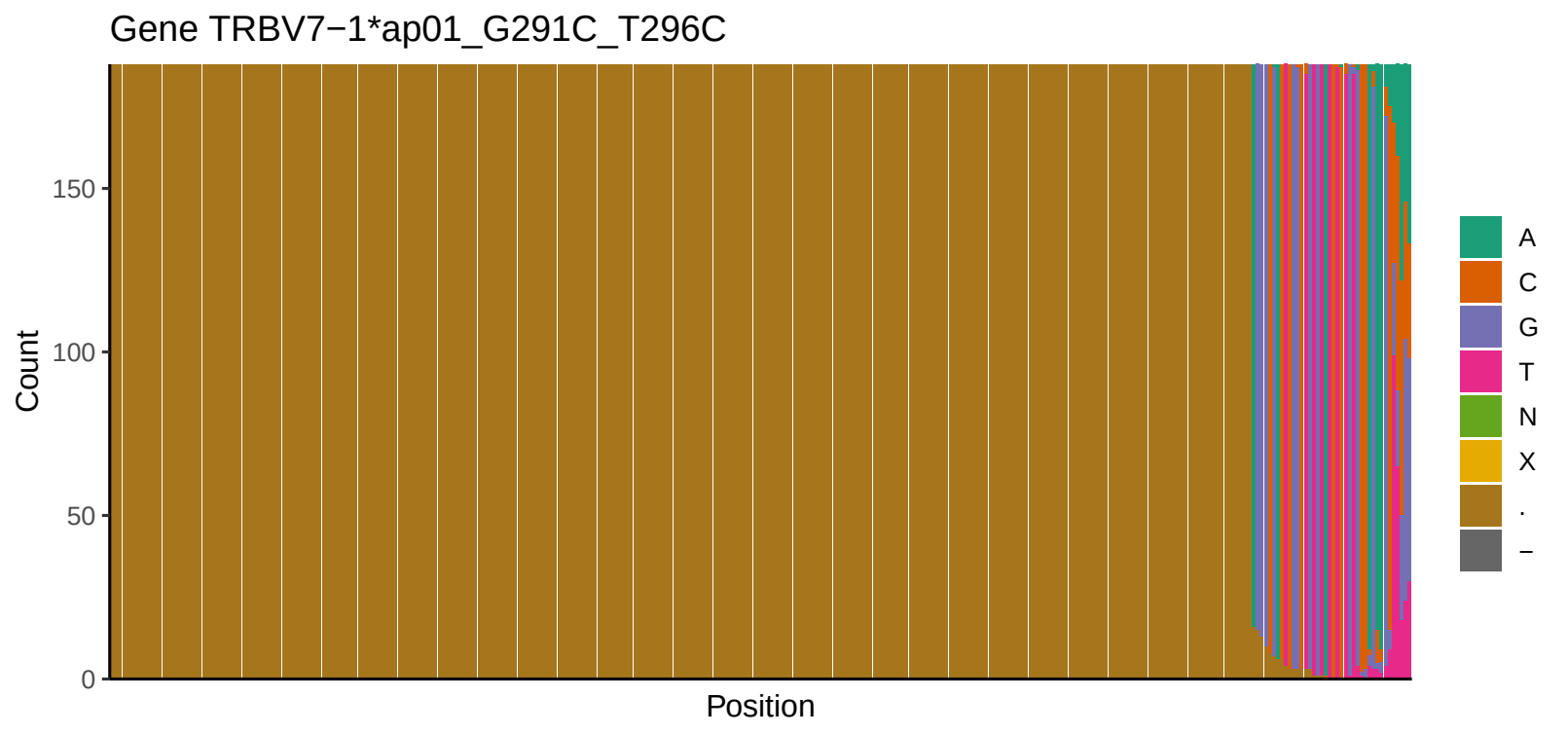
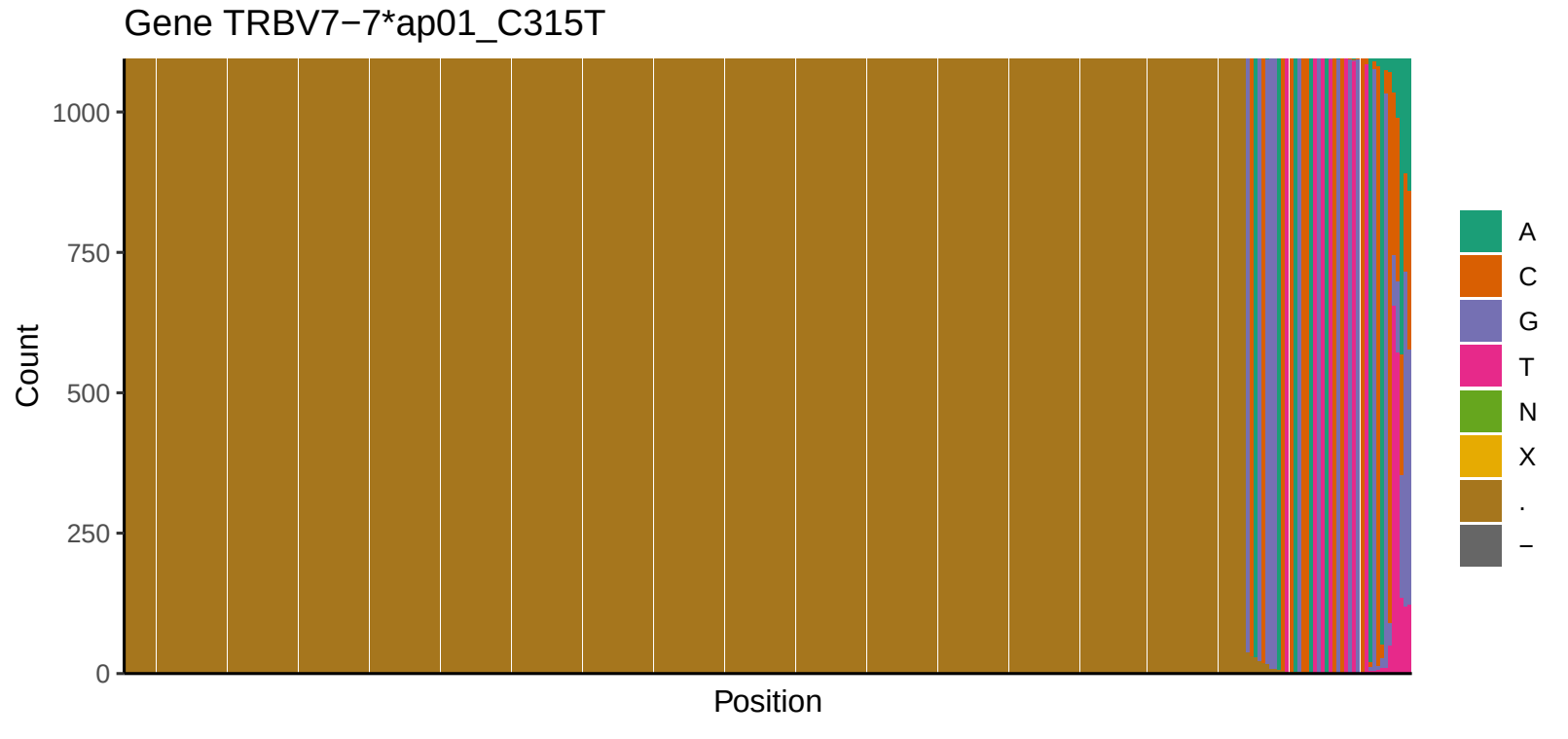
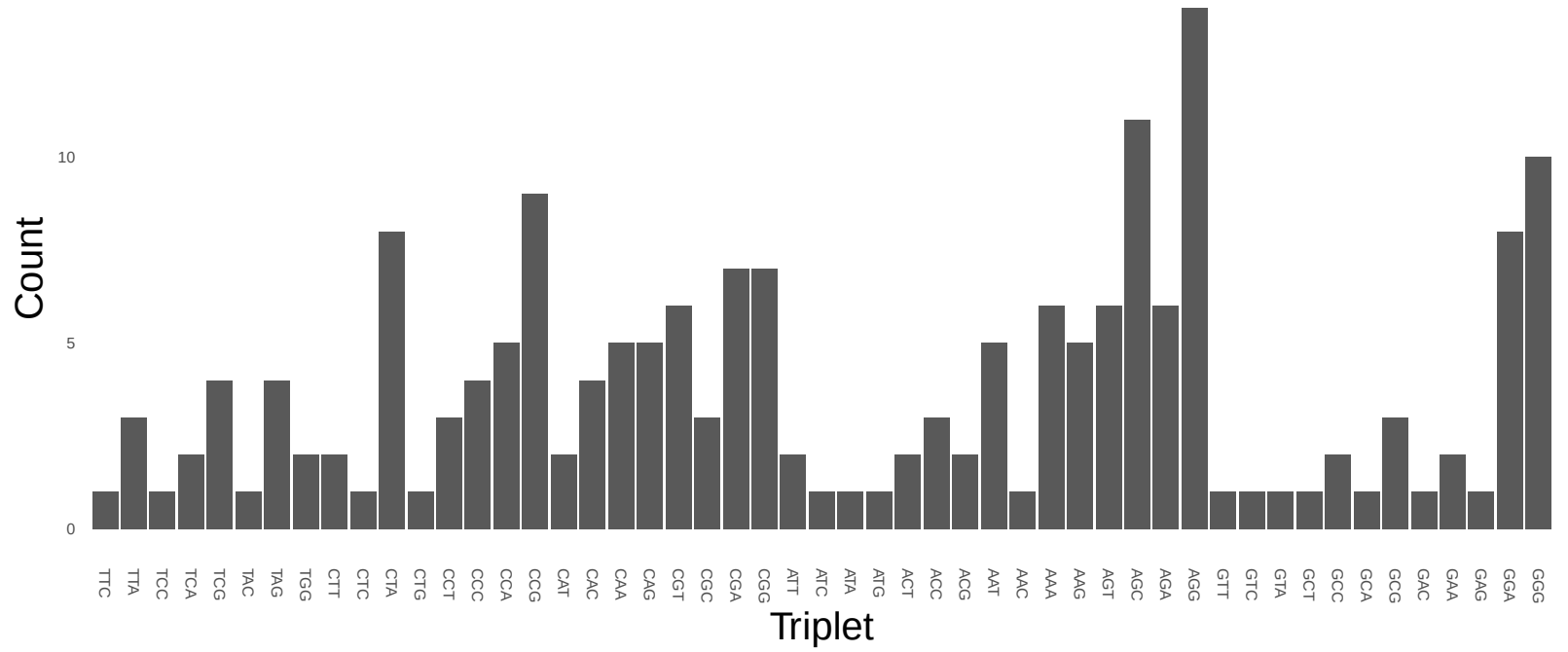

Gene TRBV7−1*ap01_G291C_T296C
Count
150
100
50
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
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

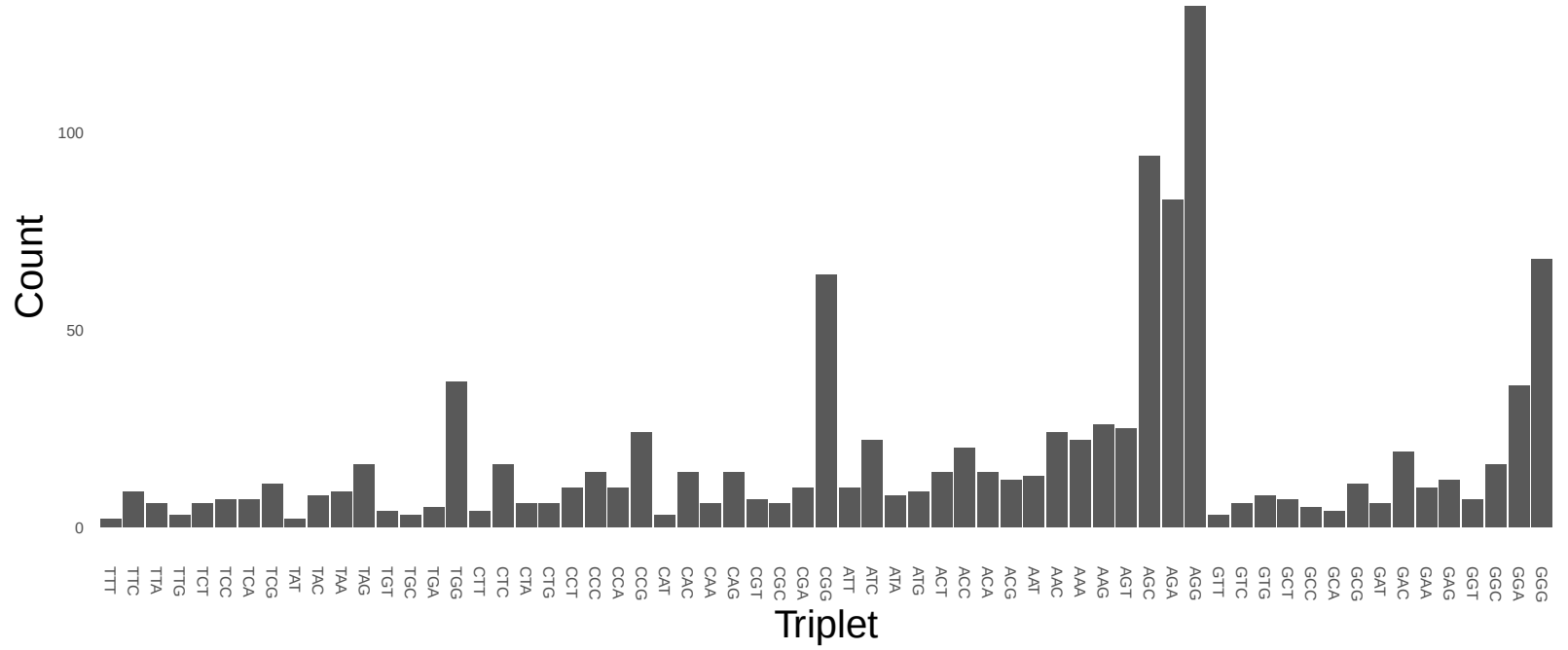

Gene TRBV7−1*ap01_G291C_T296C
Count
150
100
50
0
Position
A
C
G
T
N
X
.
–


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

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

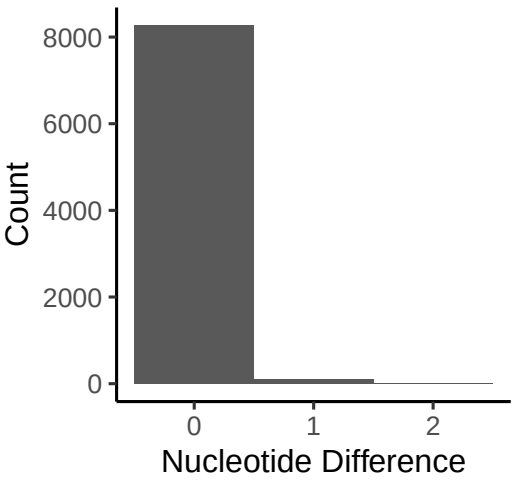


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



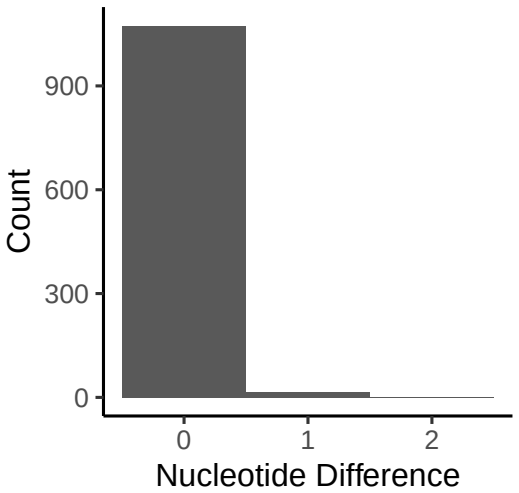
TRBV20−1*ap01

8377 sequences assigned
8269 (98.7%) exact matches, in which:
8133 unique CDR3
13 unique J



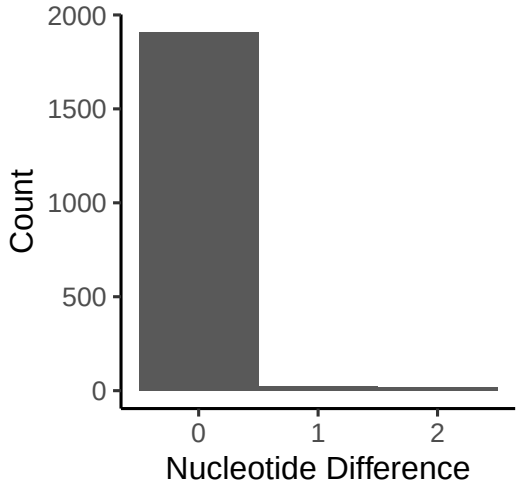
TRBV10−2*ap01

1091 sequences assigned
1074 (98.4%) exact matches, in which:
1061 unique CDR3
13 unique J



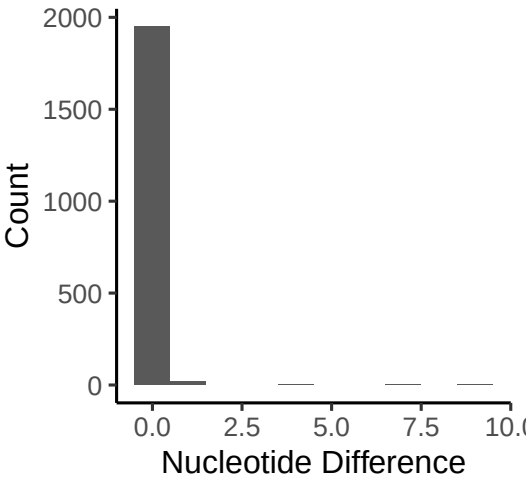
TRBV13*ap01

1949 sequences assigned
1907 (97.8%) exact matches, in which:
1870 unique CDR3
13 unique J



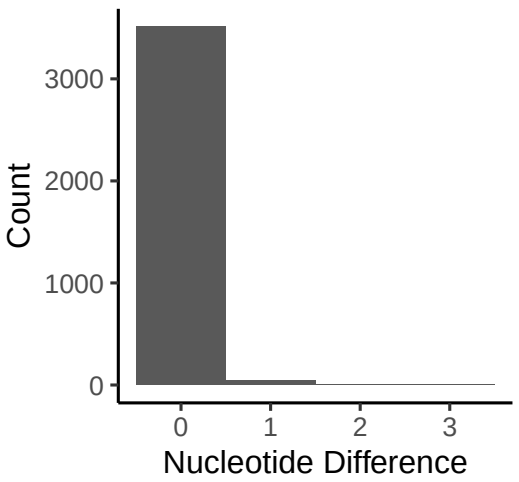
TRBV10−1*ap01

1969 sequences assigned
1949 (99%) exact matches, in which:
1909 unique CDR3
13 unique J



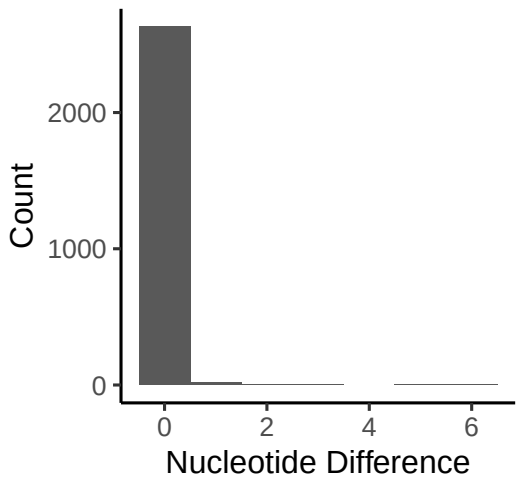
TRBV10−3*ap01

3559 sequences assigned
3511 (98.7%) exact matches, in which:
3443 unique CDR3
13 unique J



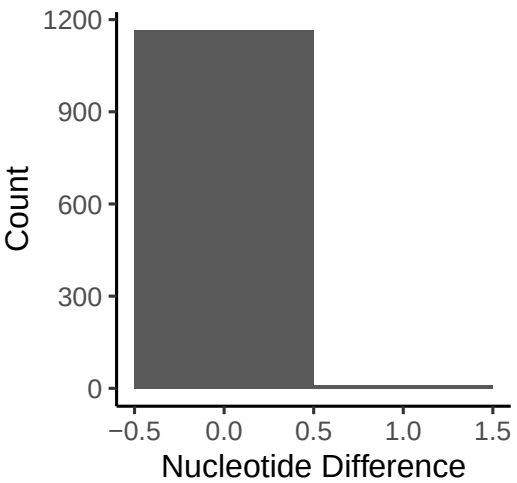
TRBV14*ap01

2654 sequences assigned
2630 (99.1%) exact matches, in which:
2586 unique CDR3
13 unique J



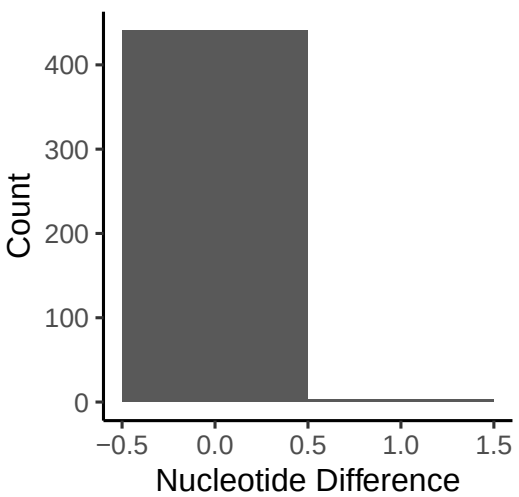
TRBV20−1*ap02

1177 sequences assigned
1166 (99.1%) exact matches, in which:
1139 unique CDR3
13 unique J



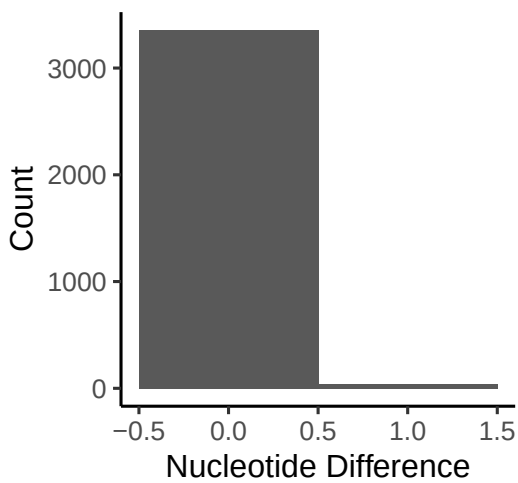
TRBV1*ap01

444 sequences assigned
441 (99.3%) exact matches, in which:
434 unique CDR3
13 unique J



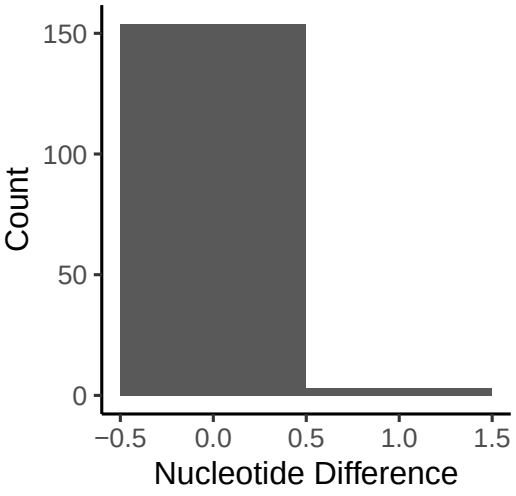
TRBV15*ap02

3396 sequences assigned
3356 (98.8%) exact matches, in which:
3297 unique CDR3
13 unique J



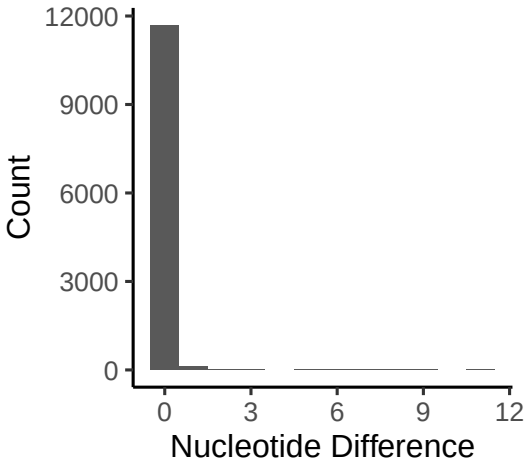
TRBV16*ap01

157 sequences assigned
154 (98.1%) exact matches, in which:
153 unique CDR3
12 unique J



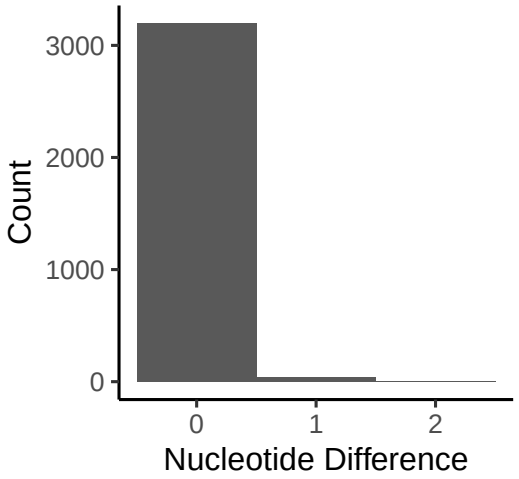
TRBV19*ap01

11821 sequences assigned
11690 (98.9%) exact matches, in which:
11553 unique CDR3
14 unique J



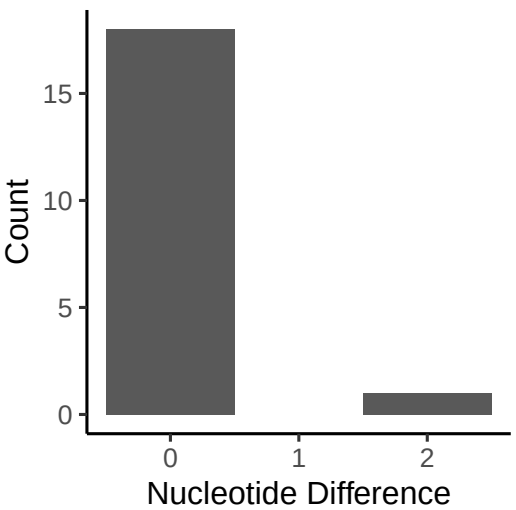
TRBV28*ap01

3234 sequences assigned
3196 (98.8%) exact matches, in which:
3130 unique CDR3
13 unique J



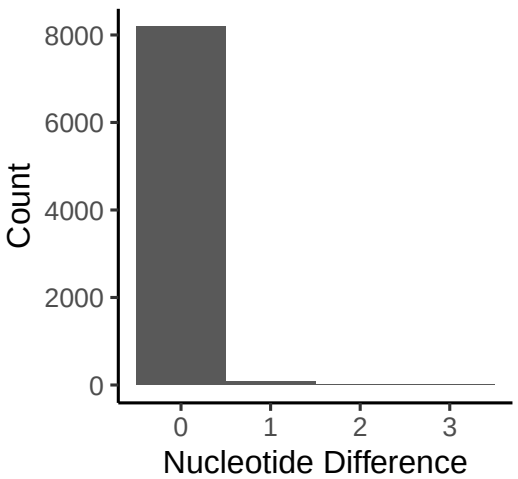
TRBV17*ap01

19 sequences assigned
18 (94.7%) exact matches, in which:
18 unique CDR3
8 unique J



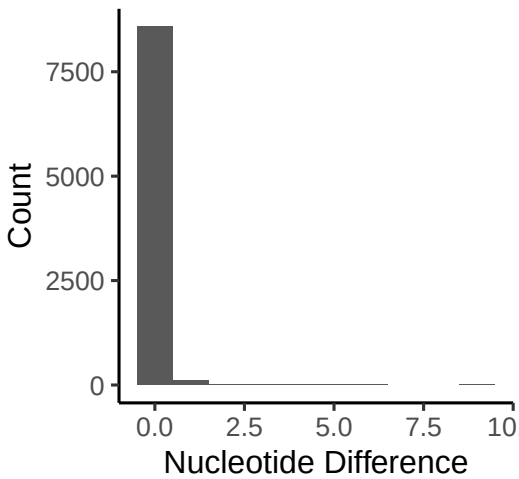
TRBV2*ap01

8274 sequences assigned
8188 (99%) exact matches, in which:
8076 unique CDR3
13 unique J



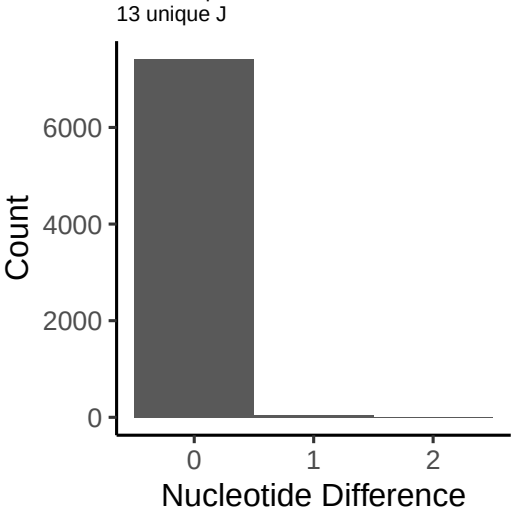
TRBV30*ap01

8704 sequences assigned
8578 (98.6%) exact matches, in which:
8489 unique CDR3
13 unique J



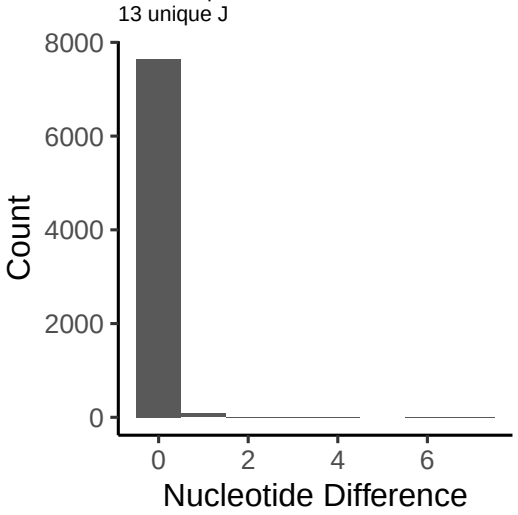
TRBV18*ap01

7460 sequences assigned
7416 (99.4%) exact matches, in which:
7342 unique CDR3
13 unique J



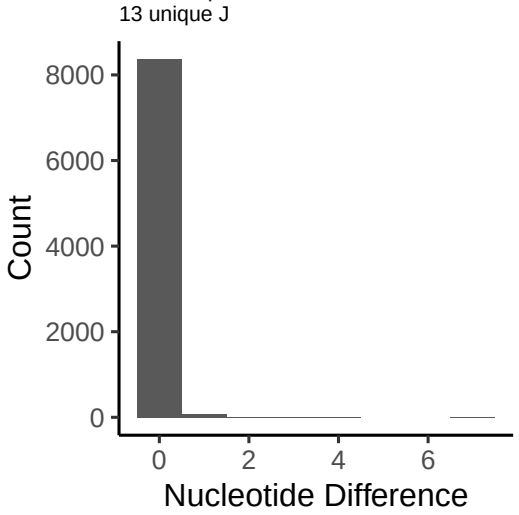
TRBV27*ap01

7731 sequences assigned
7644 (98.9%) exact matches, in which:
7513 unique CDR3
13 unique J



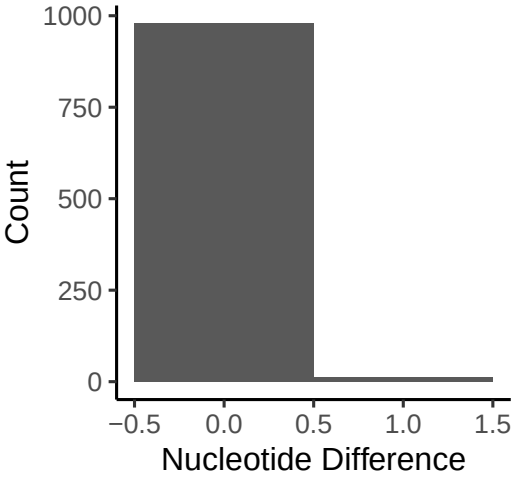
TRBV9*ap01

8457 sequences assigned
8371 (99%) exact matches, in which:
8241 unique CDR3
13 unique J



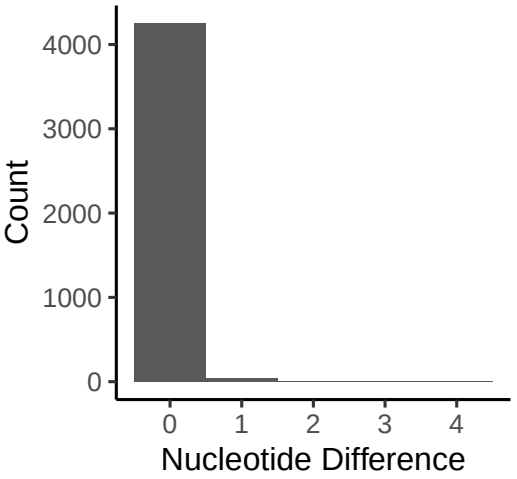
TRBV11−1*ap01

992 sequences assigned
979 (98.7%) exact matches, in which:
954 unique CDR3
13 unique J



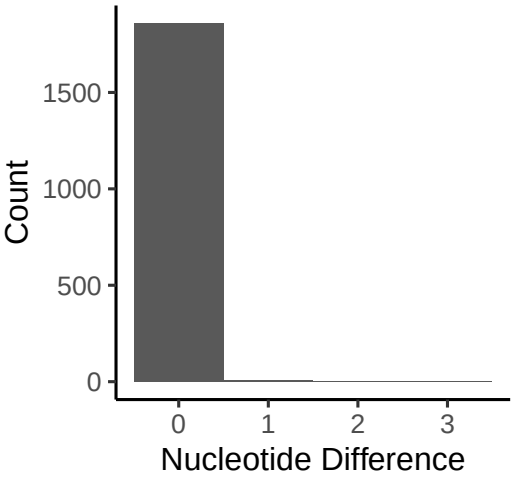
TRBV11−3*ap01

4295 sequences assigned
4250 (99%) exact matches, in which:
4186 unique CDR3
13 unique J



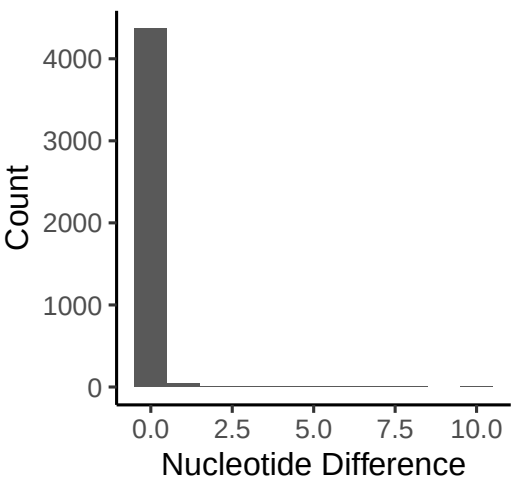
TRBV12−5*ap01

1869 sequences assigned
1858 (99.4%) exact matches, in which:
1831 unique CDR3
13 unique J



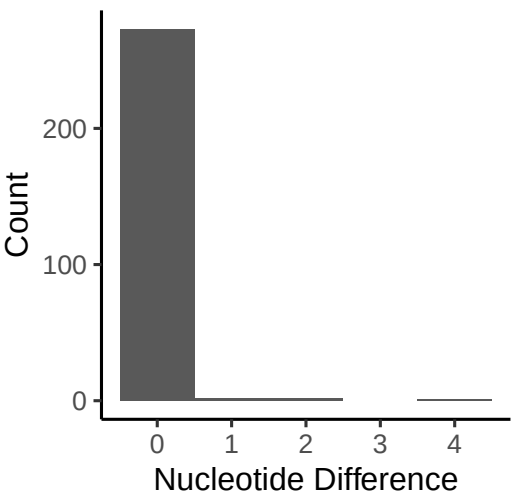
TRBV21−1*ap01

4432 sequences assigned
4366 (98.5%) exact matches, in which:
4291 unique CDR3
13 unique J



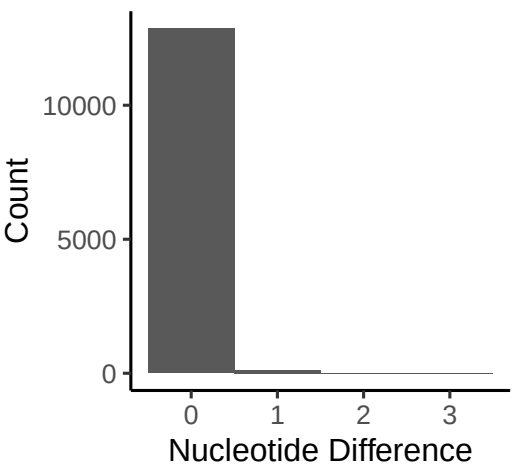
TRBV12−1*ap01

278 sequences assigned
273 (98.2%) exact matches, in which:
268 unique CDR3
13 unique J



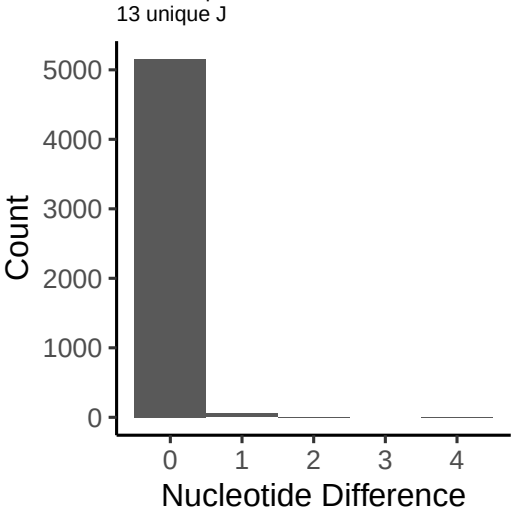
TRBV12−34*ap01

12997 sequences assigned
12865 (99%) exact matches, in which:
12657 unique CDR3
13 unique J



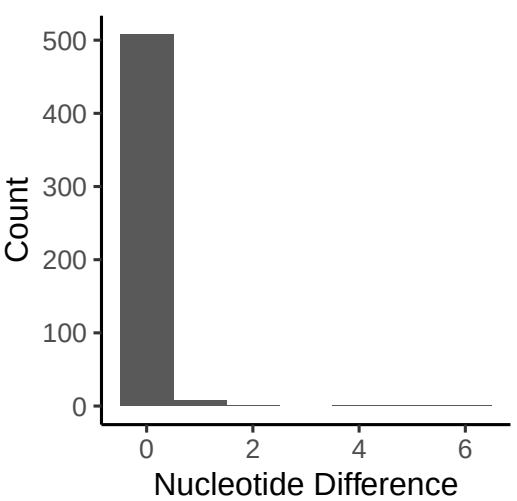
TRBV11−2*ap01

5212 sequences assigned
5155 (98.9%) exact matches, in which:
5083 unique CDR3
13 unique J



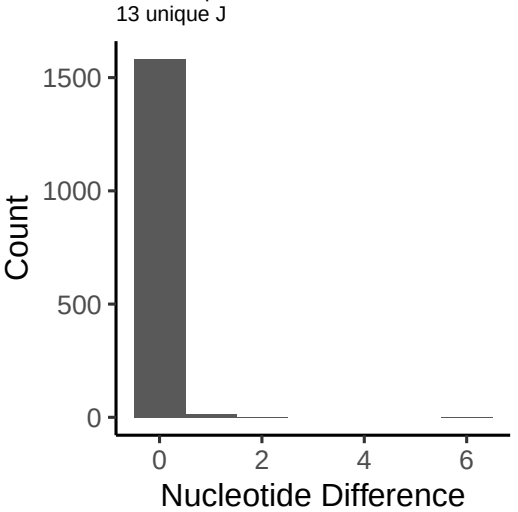
TRBV12−2*ap01

519 sequences assigned
508 (97.9%) exact matches, in which:
499 unique CDR3
13 unique J



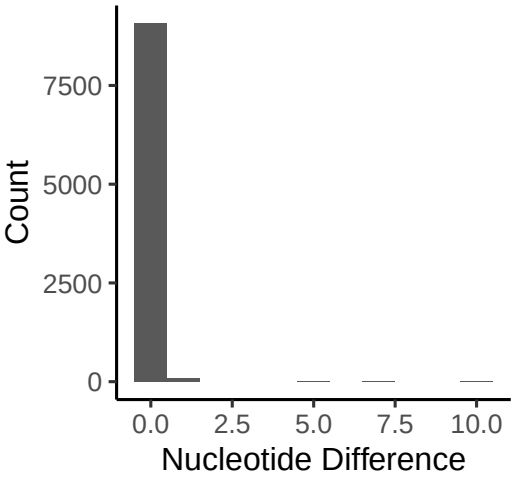
TRBV23−1*ap01

1601 sequences assigned
1582 (98.8%) exact matches, in which:
1559 unique CDR3
13 unique J



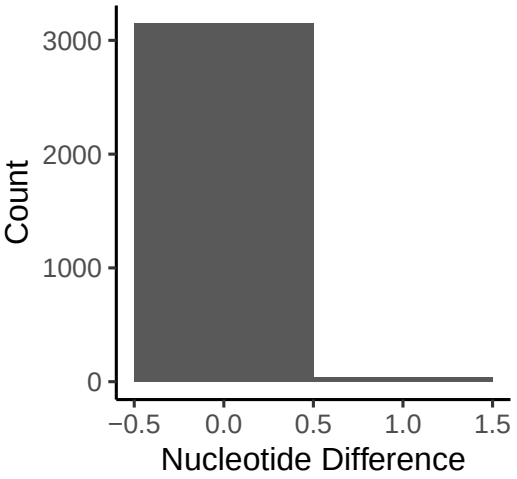
TRBV3−12*ap01

9167 sequences assigned
9071 (99%) exact matches, in which:
8915 unique CDR3
13 unique J



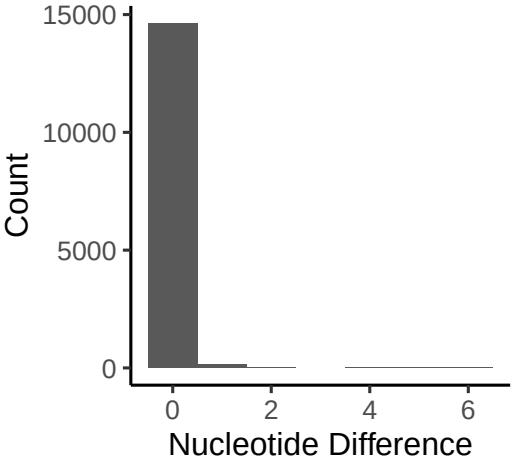
TRBV4−2*ap01

3190 sequences assigned
3149 (98.7%) exact matches, in which:
3102 unique CDR3
13 unique J



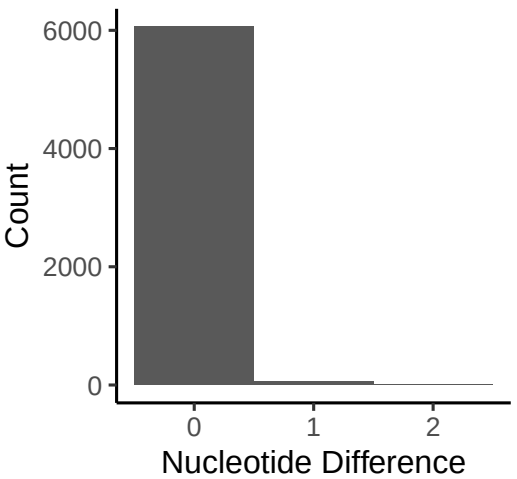
TRBV5−1*ap01

14797 sequences assigned
14636 (98.9%) exact matches, in which:
14373 unique CDR3
13 unique J



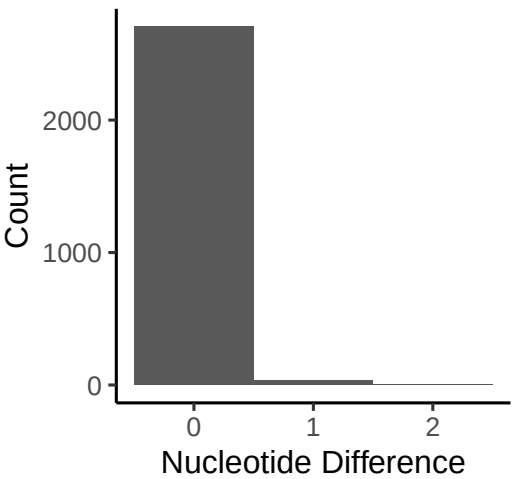
TRBV4−1*ap01

6113 sequences assigned
6061 (99.1%) exact matches, in which:
5963 unique CDR3
13 unique J



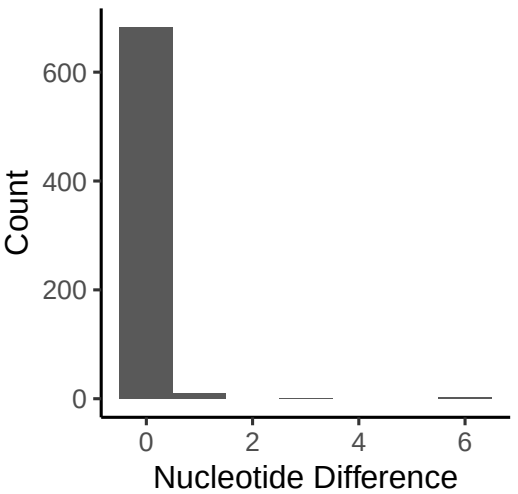
TRBV4−3*ap01

2737 sequences assigned
2705 (98.8%) exact matches, in which:
2651 unique CDR3
13 unique J



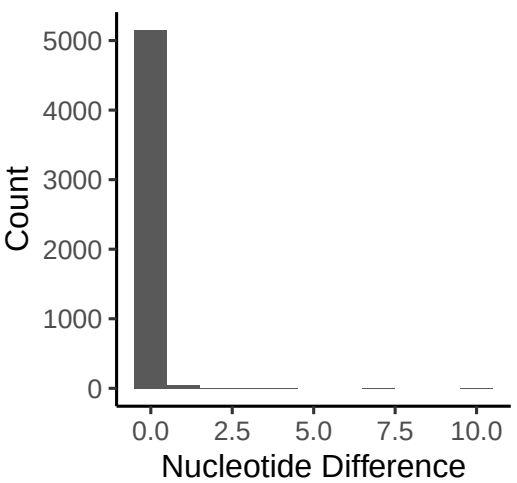
TRBV5−3*ap01

698 sequences assigned
683 (97.9%) exact matches, in which:
677 unique CDR3
13 unique J



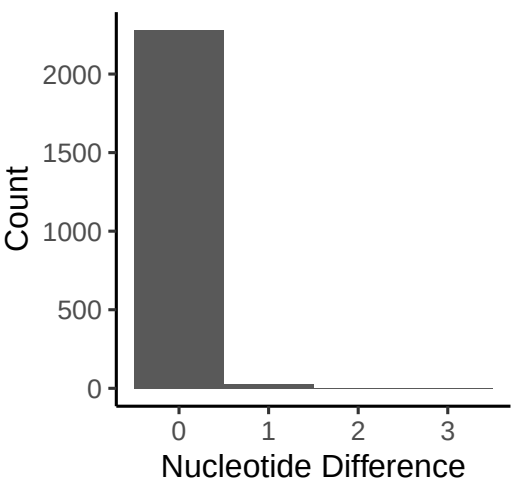
TRBV24−1*ap01

5211 sequences assigned
5151 (98.8%) exact matches, in which:
5092 unique CDR3
13 unique J



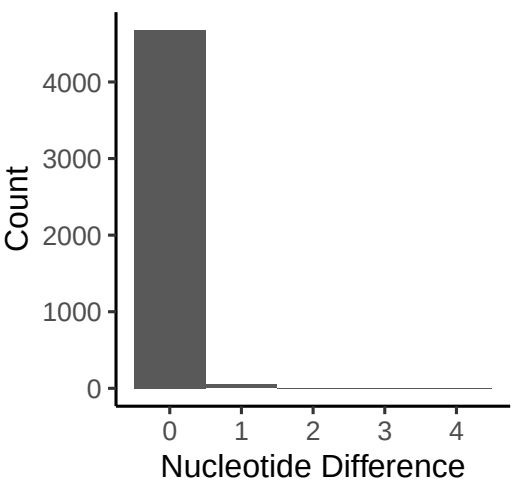
TRBV25−1*ap01

2308 sequences assigned
2280 (98.8%) exact matches, in which:
2255 unique CDR3
13 unique J



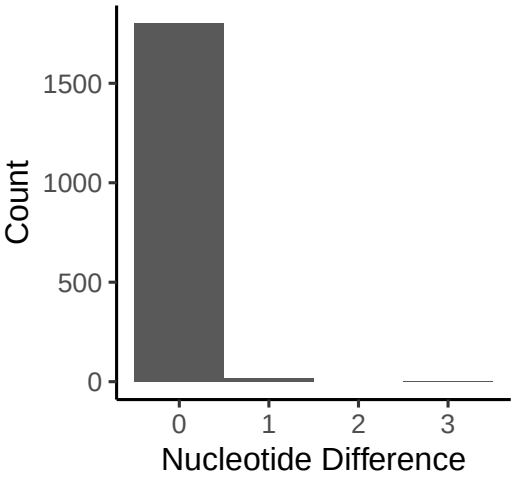
TRBV5−4*ap01

4730 sequences assigned
4678 (98.9%) exact matches, in which:
4602 unique CDR3
13 unique J



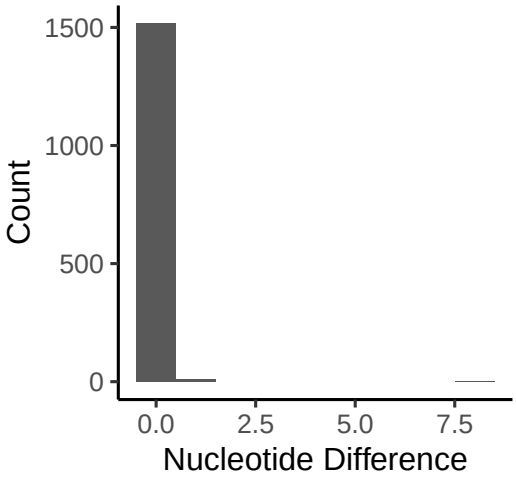
TRBV5−5*ap01

1820 sequences assigned
1801 (99%) exact matches, in which:
1776 unique CDR3
13 unique J



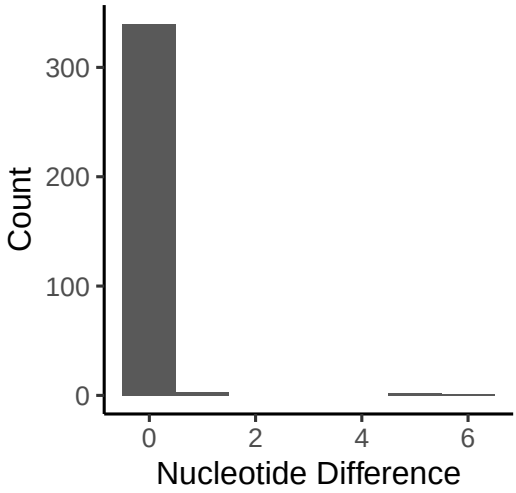
TRBV5−8*ap01

1530 sequences assigned
1517 (99.2%) exact matches, in which:
1500 unique CDR3
13 unique J



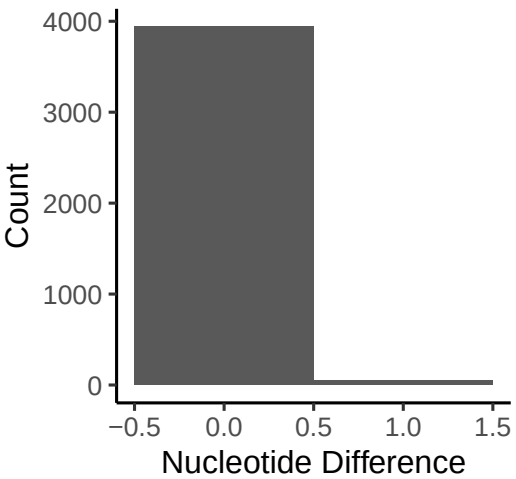
TRBV6−7*ap01

346 sequences assigned
340 (98.3%) exact matches, in which:
335 unique CDR3
13 unique J



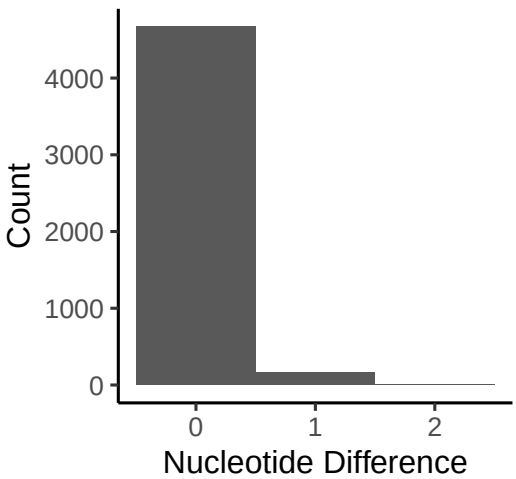
TRBV5−6*ap01

3985 sequences assigned
3940 (98.9%) exact matches, in which:
3880 unique CDR3
13 unique J



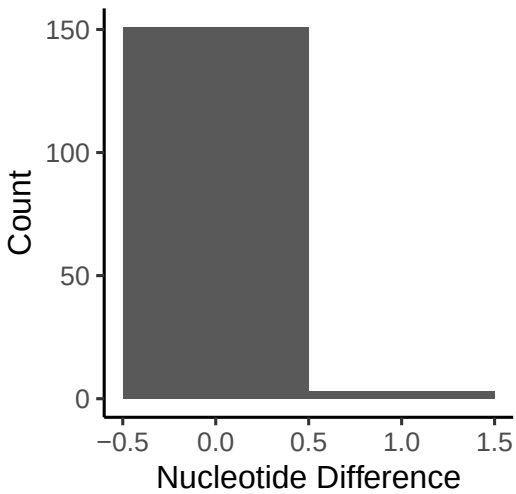
TRBV6−1*ap01

4837 sequences assigned
4669 (96.5%) exact matches, in which:
4584 unique CDR3
13 unique J



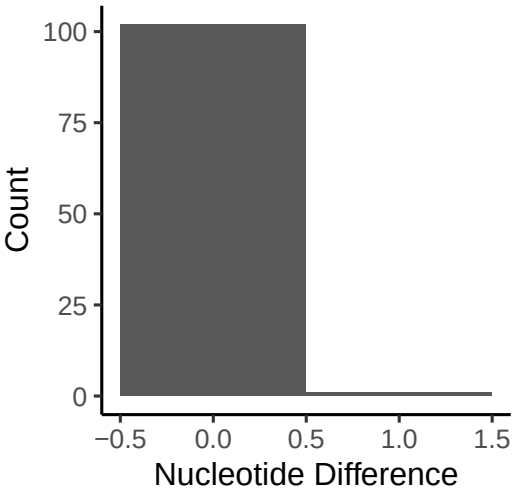
TRBV6−8*ap01

154 sequences assigned
151 (98.1%) exact matches, in which:
148 unique CDR3
13 unique J



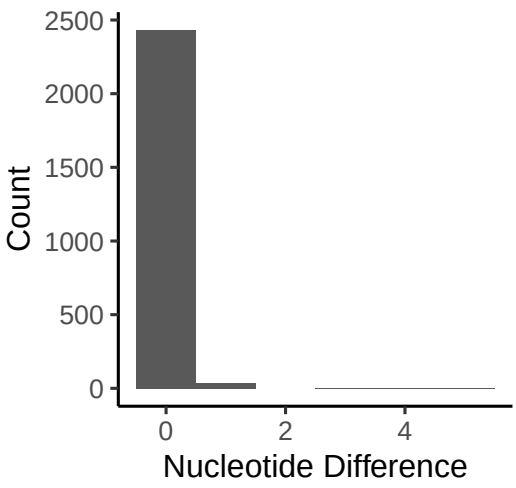
TRBV5−7*ap01

103 sequences assigned
102 (99%) exact matches, in which:
102 unique CDR3
13 unique J



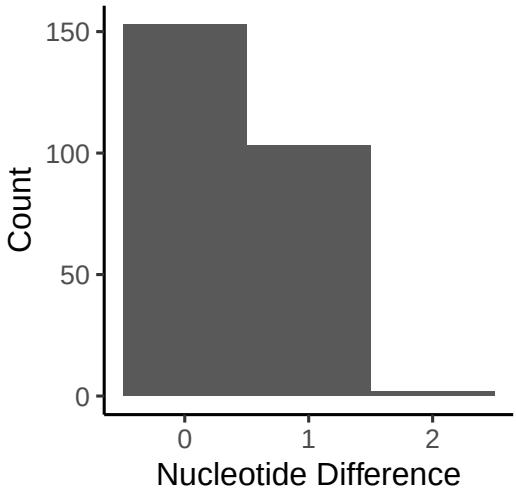
TRBV6−4*ap01

2474 sequences assigned
2432 (98.3%) exact matches, in which:
2402 unique CDR3
13 unique J



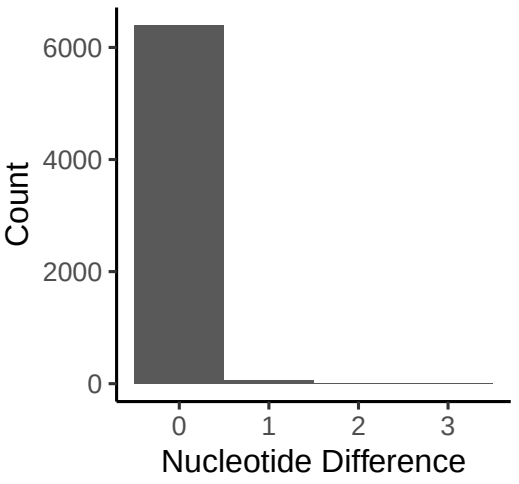
TRBV6−9*ap01

258 sequences assigned
153 (59.3%) exact matches, in which:
150 unique CDR3
13 unique J



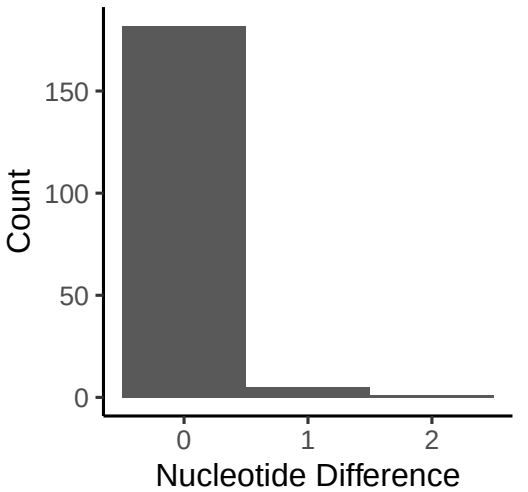
TRBV6−23*ap01

6451 sequences assigned
6393 (99.1%) exact matches, in which:
6297 unique CDR3
13 unique J



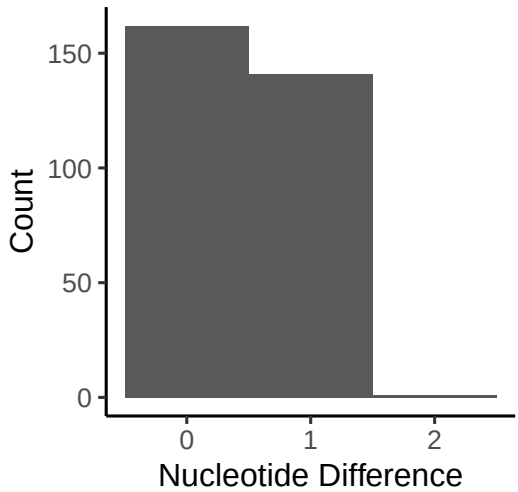
TRBV7−1*ap01_G291C_

188 sequences assigned
182 (96.8%) exact matches, in which:
178 unique CDR3
13 unique J



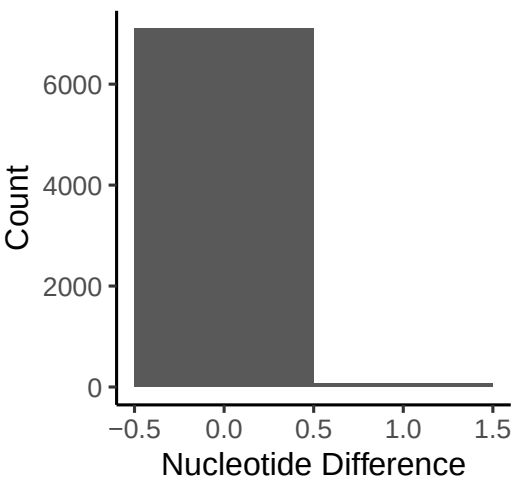
TRBV7−4*ap01

304 sequences assigned
162 (53.3%) exact matches, in which:
160 unique CDR3
13 unique J



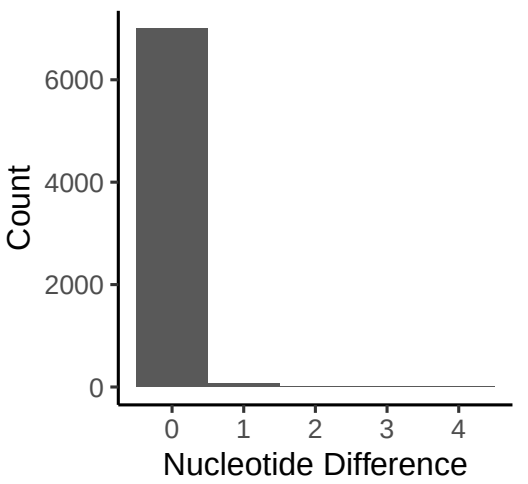
TRBV6−56*ap01

7168 sequences assigned
7098 (99%) exact matches, in which:
6986 unique CDR3
13 unique J



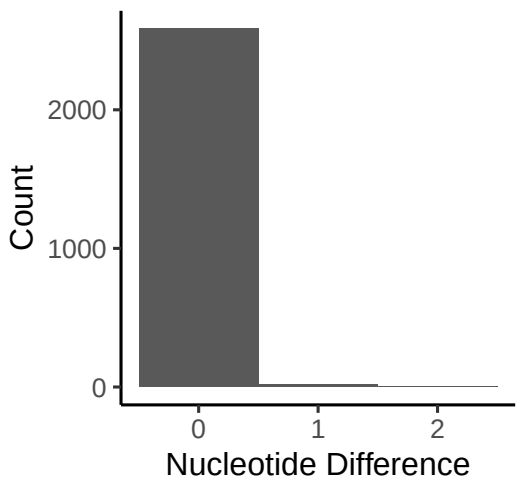
TRBV7−2*ap01

7066 sequences assigned
6997 (99%) exact matches, in which:
6902 unique CDR3
13 unique J



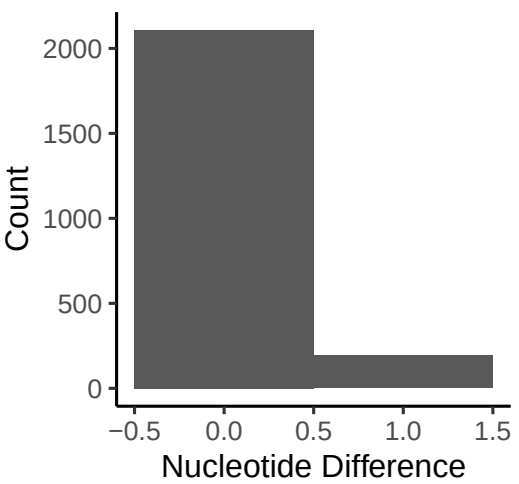
TRBV7−6*ap01

2606 sequences assigned
2585 (99.2%) exact matches, in which:
2541 unique CDR3
13 unique J



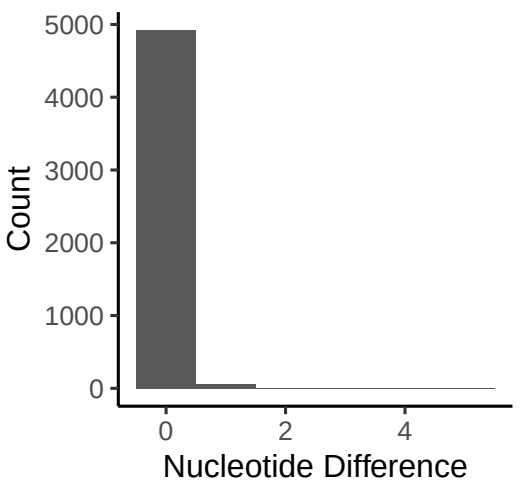
TRBV6−56*ap02

2301 sequences assigned
2108 (91.6%) exact matches, in which:
2066 unique CDR3
13 unique J



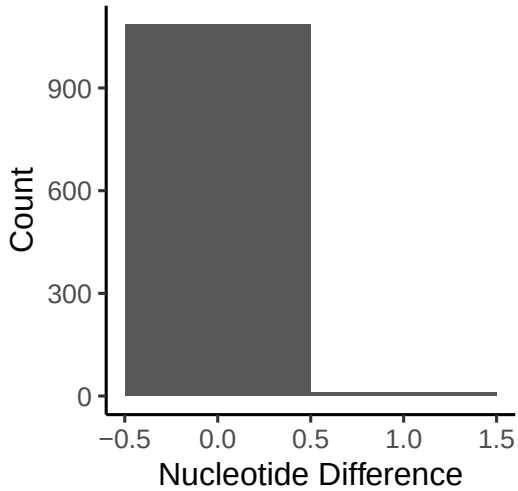
TRBV7−3*ap01

4991 sequences assigned
4923 (98.6%) exact matches, in which:
4839 unique CDR3
13 unique J



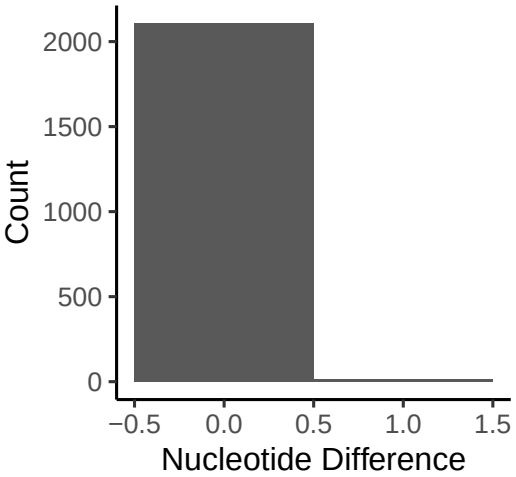
TRBV7−7*ap01_C315T

1095 sequences assigned
1086 (99.2%) exact matches, in which:
1071 unique CDR3
13 unique J



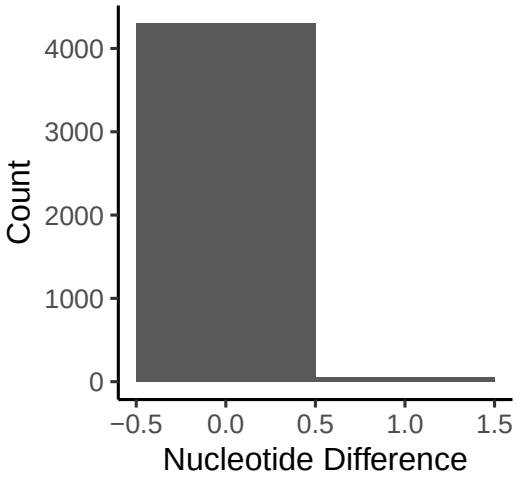
TRBV7−8*ap01

2122 sequences assigned
2107 (99.3%) exact matches, in which:
2070 unique CDR3
13 unique J



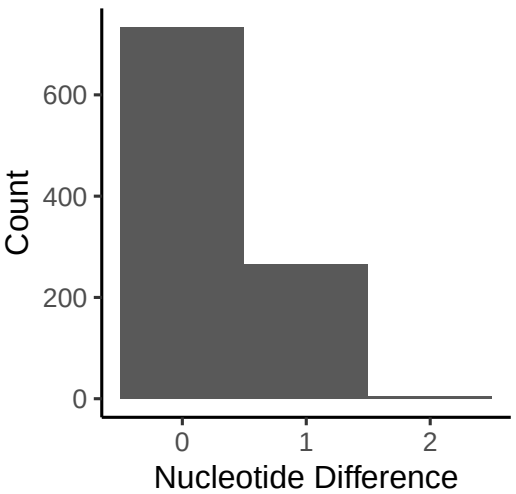
TRBV29−1*ap01

4355 sequences assigned
4301 (98.8%) exact matches, in which:
4244 unique CDR3
13 unique J



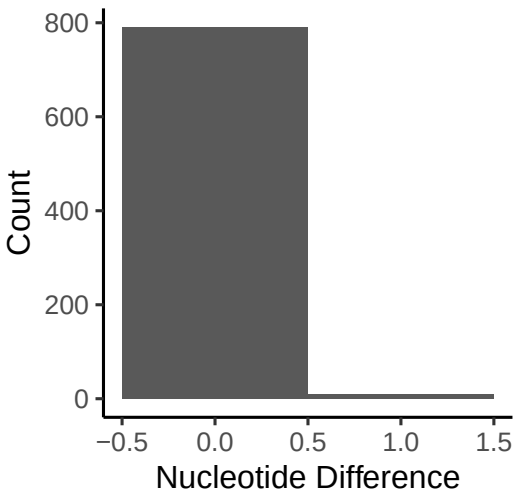
TRBV7−8*ap03

1004 sequences assigned
734 (73.1%) exact matches, in which:
723 unique CDR3
13 unique J



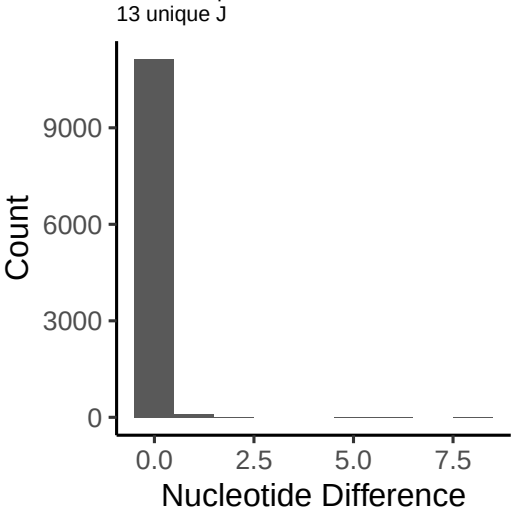
TRBV29−1*ap02

800 sequences assigned
791 (98.9%) exact matches, in which:
782 unique CDR3
13 unique J

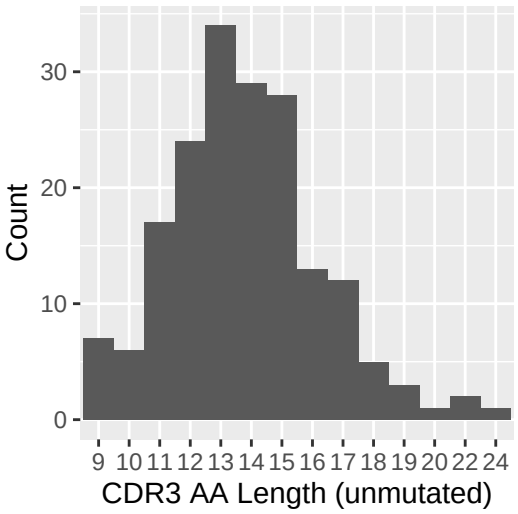


TRBV7−9*ap01

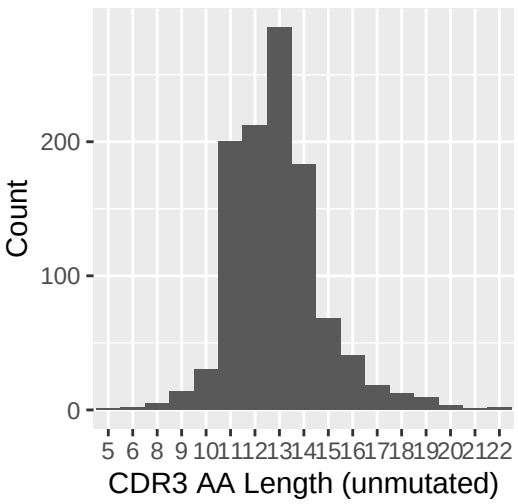
11241 sequences assigned
11137 (99.1%) exact matches, in which:
11009 unique CDR3
13 unique J



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
TRBJ2−2P
Gene
01
02

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.