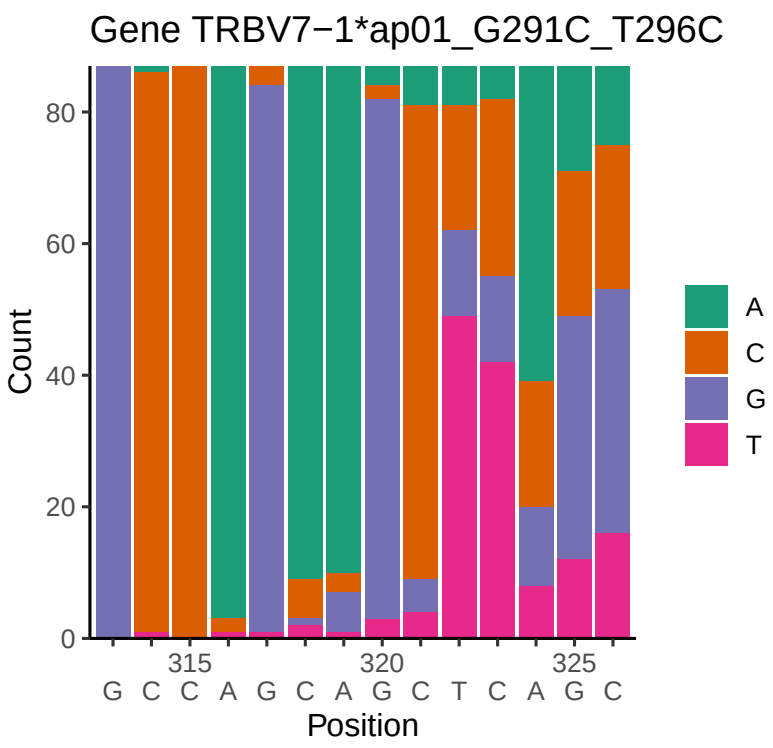
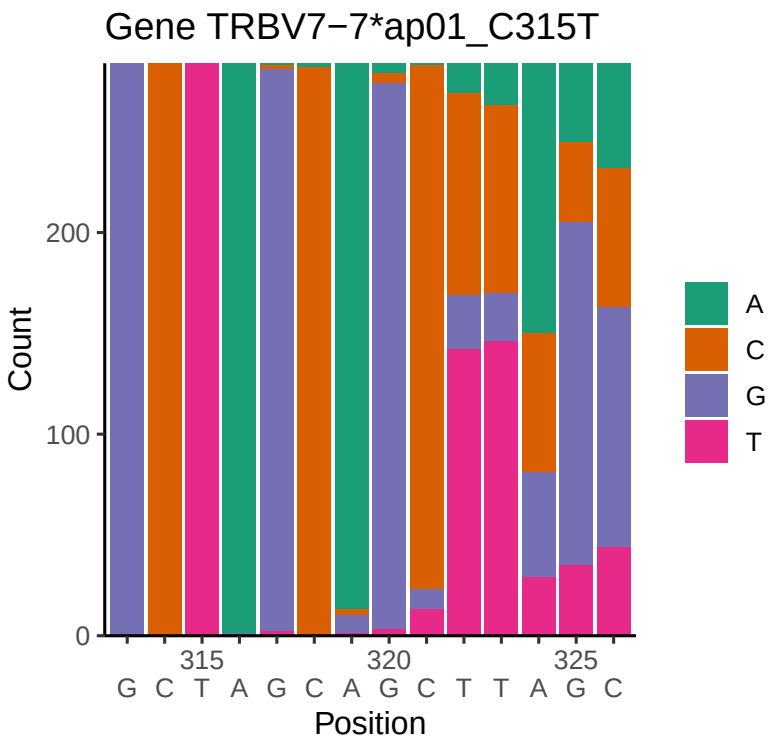
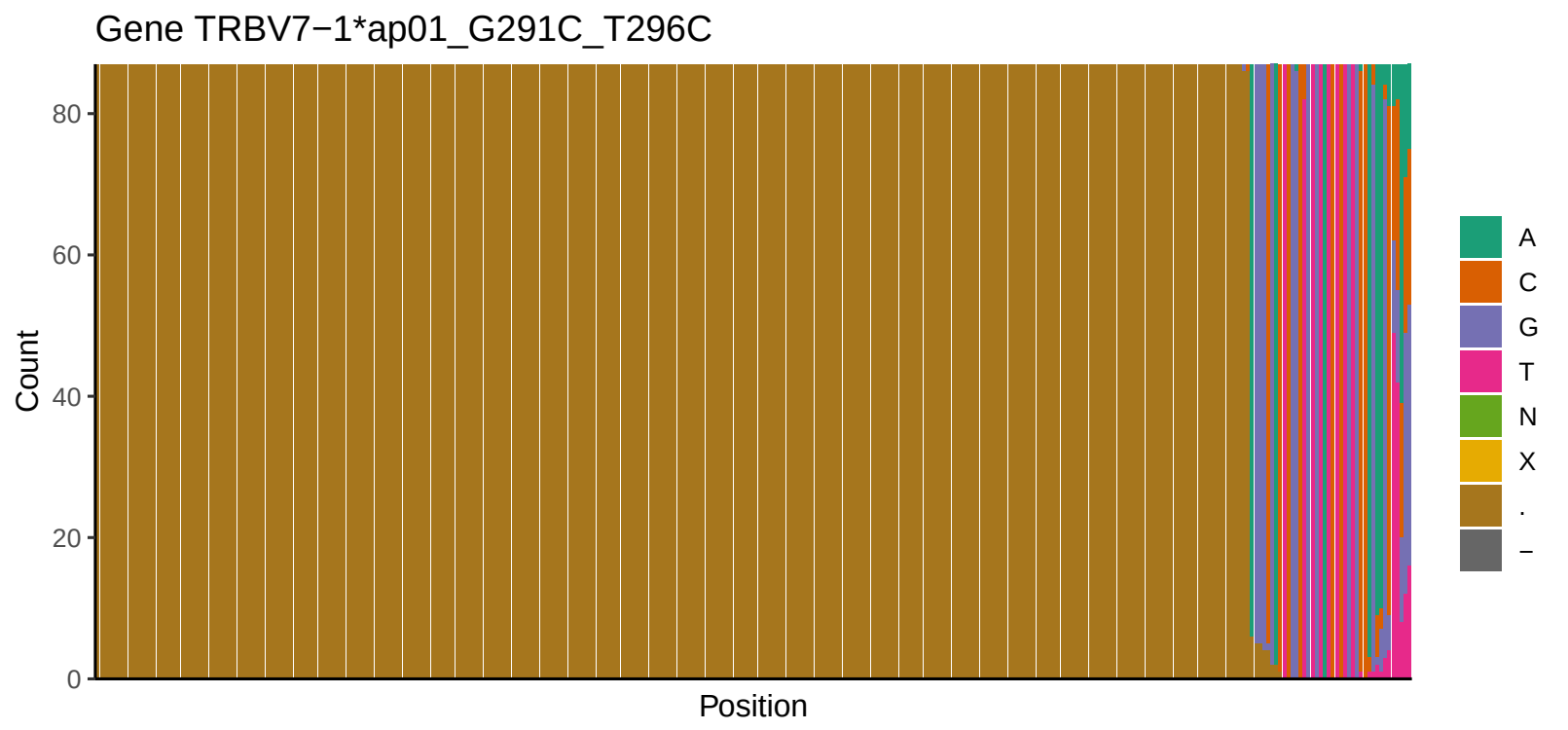
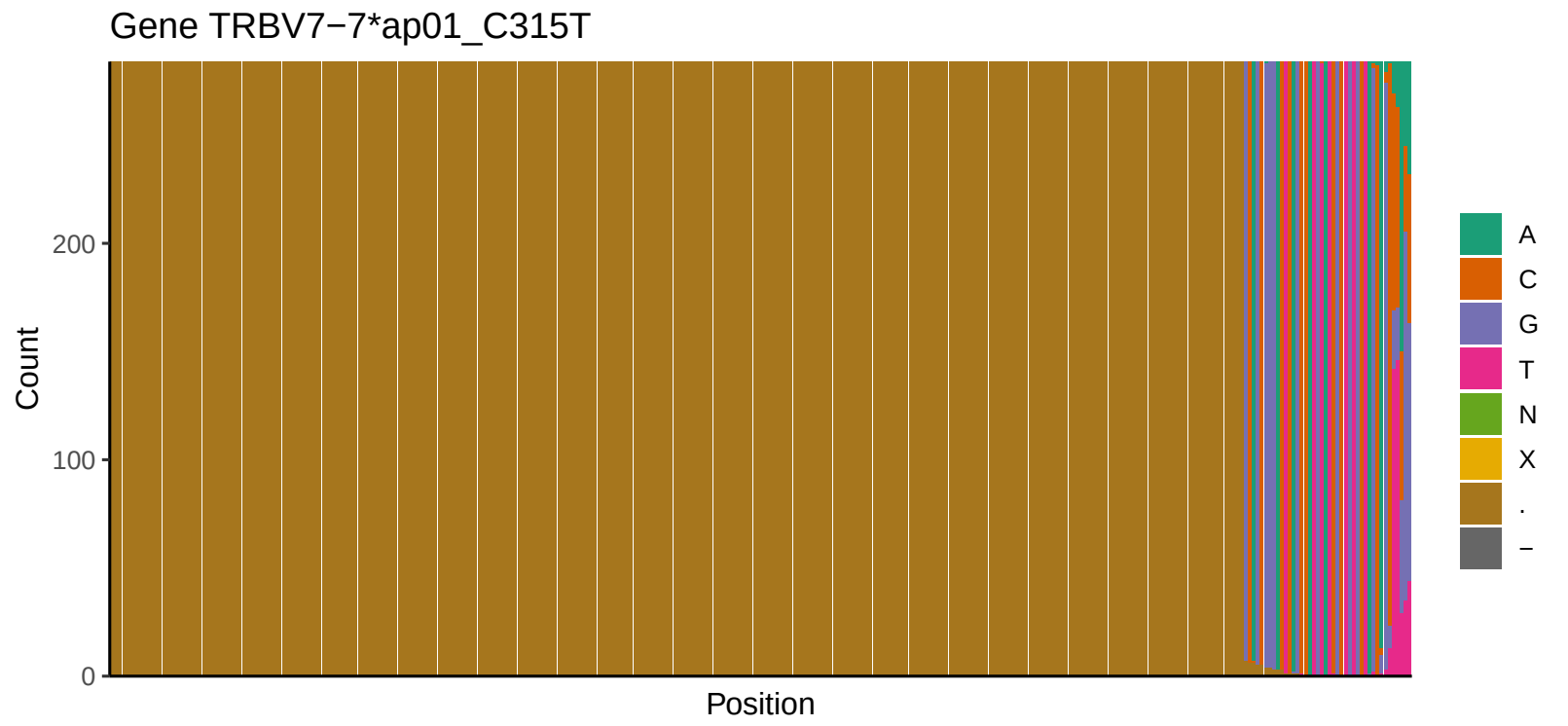
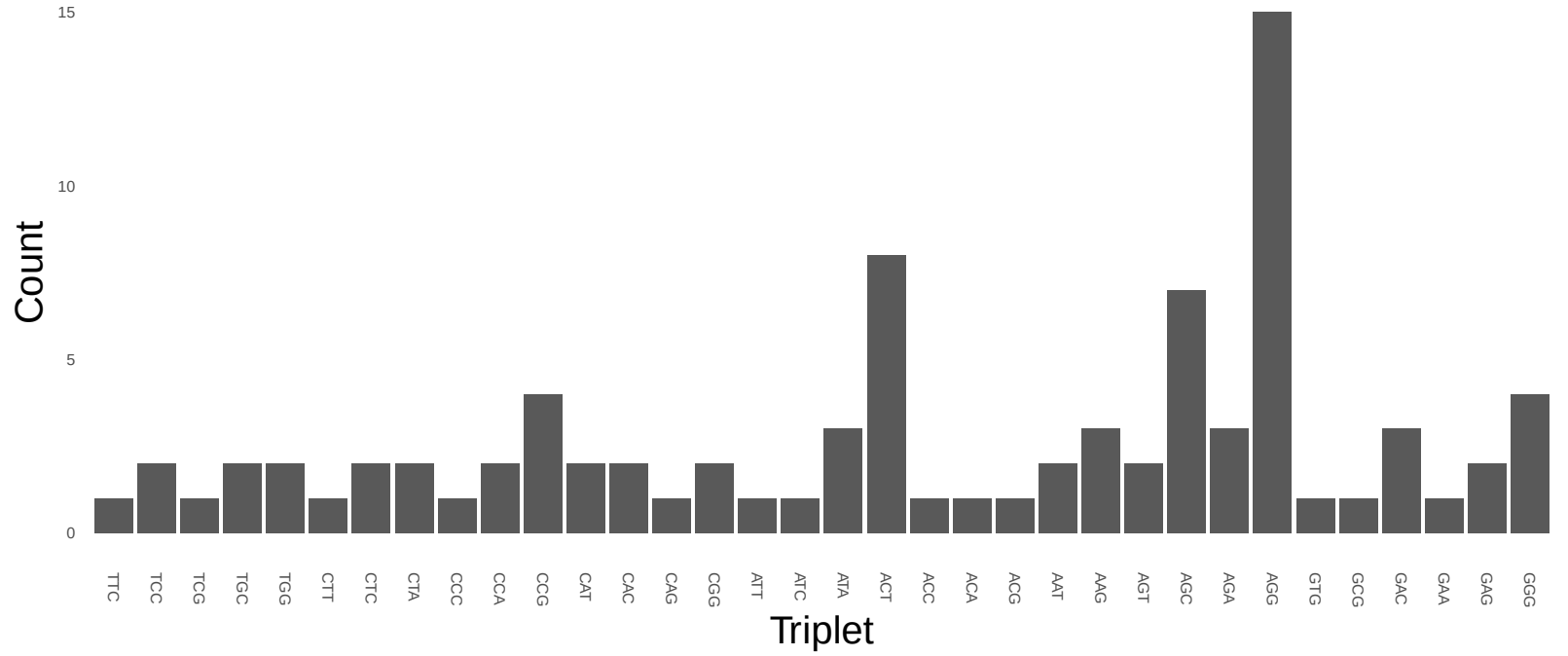

Gene TRBV7−1*ap01_G291C_T296C
Count
80
60
40
20
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
200
100
0
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

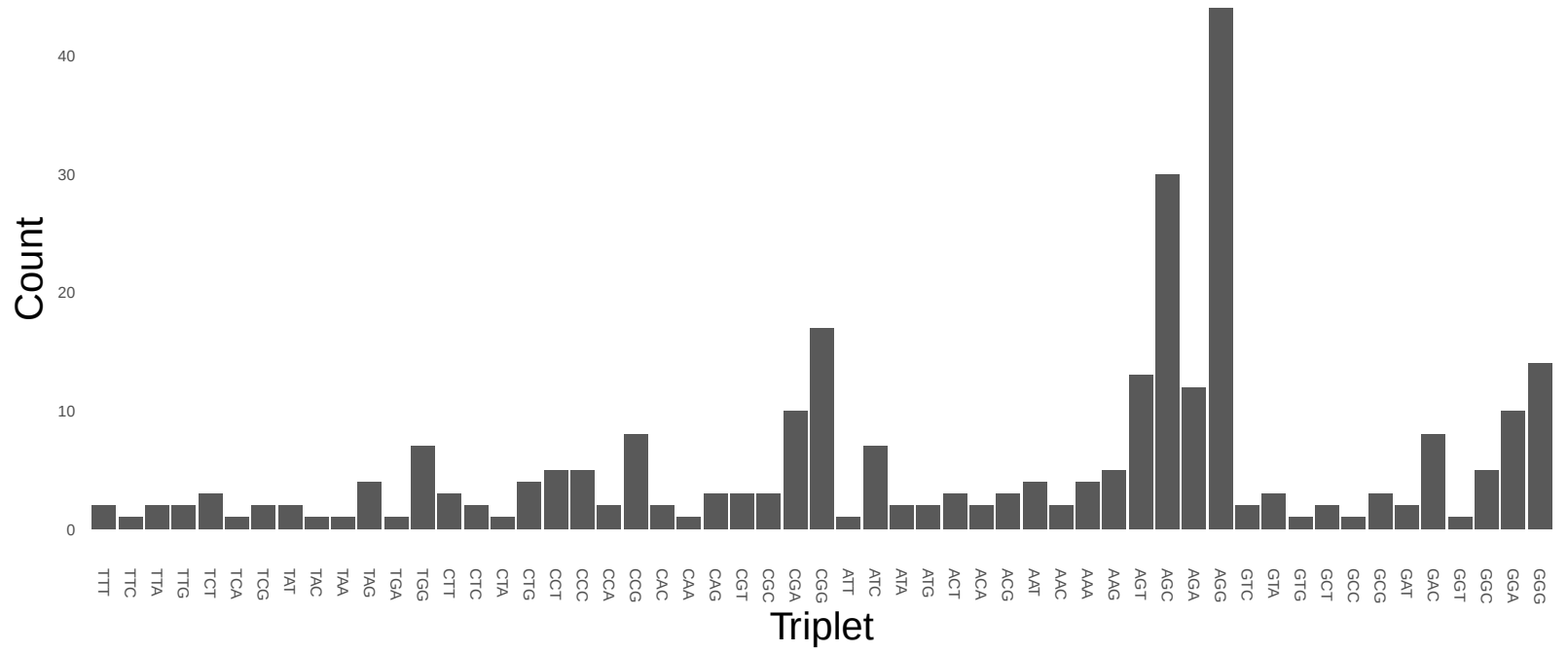

Gene TRBV7−1*ap01_G291C_T296C
Count
0
20
40
60
80
Position
A
C
G
T
N
X
.
–

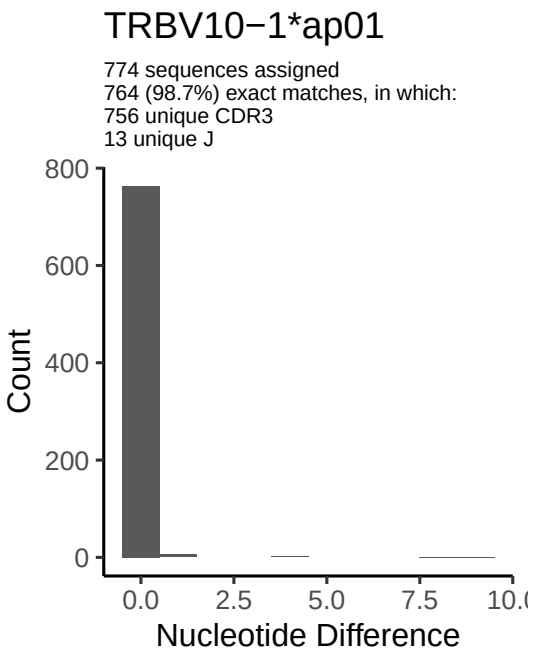

Gene TRBV7−7*ap01_C315T
Count
0
100
200
Position
A
C
G
T
N
X
.
–

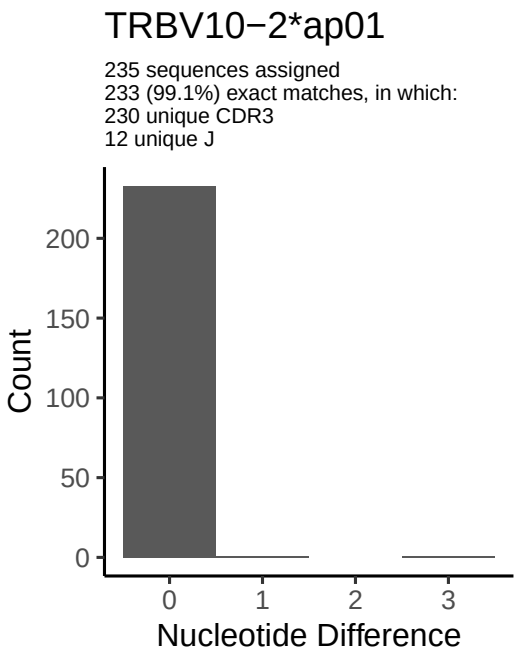
TRBV7−1*ap01_G291C_T296C− Final 3 nucleotides as a triplet

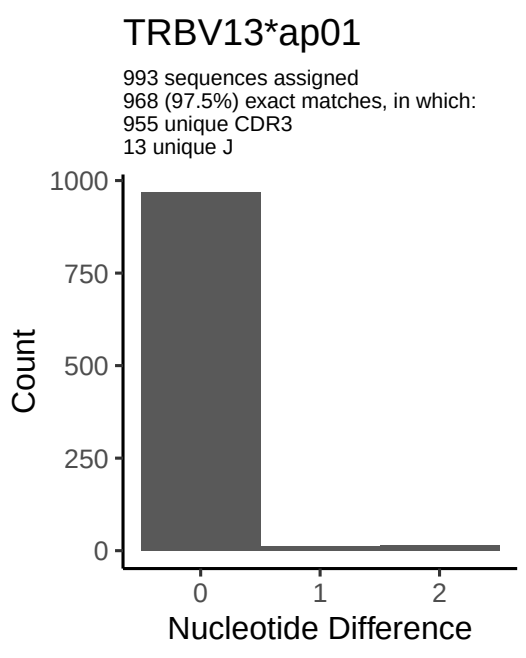


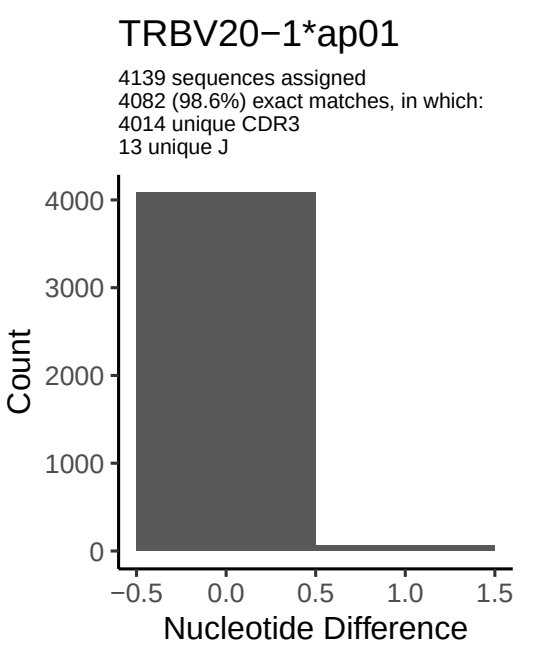
TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet

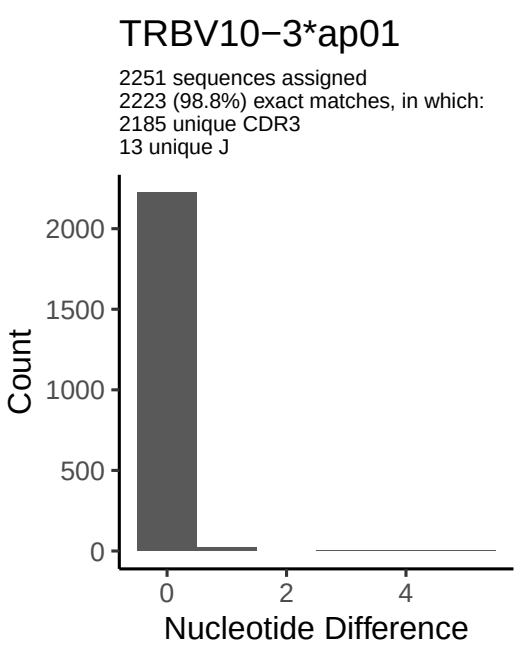


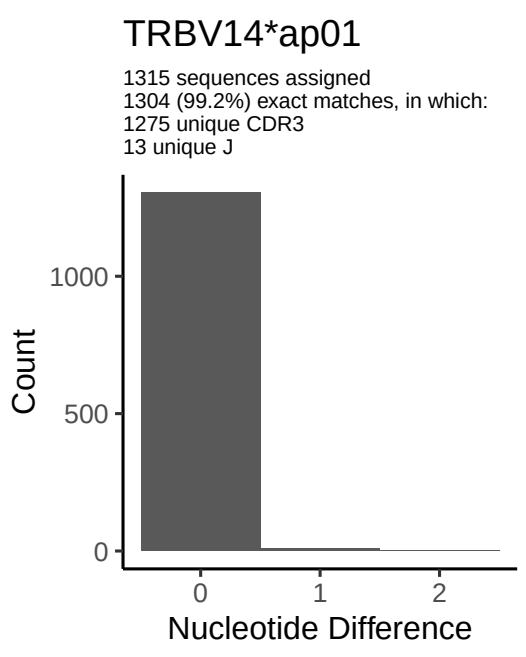

TRBV10−1*ap01
774 sequences assigned
764 (98.7%) exact matches, in which:
756 unique CDR3
13 unique J
Count
Nucleotide Difference

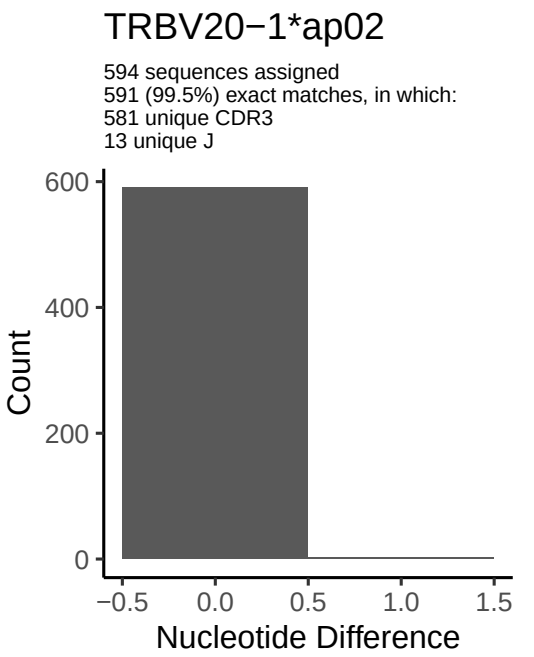

TRBV10−2*ap01
235 sequences assigned
233 (99.1%) exact matches, in which:
230 unique CDR3
12 unique J
Count
Nucleotide Difference

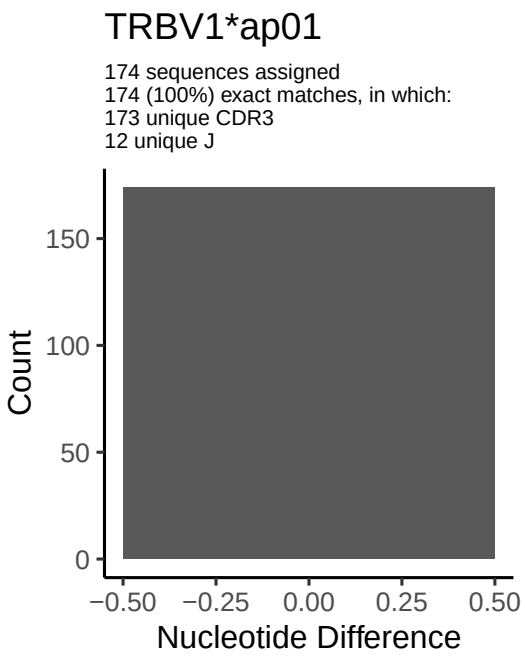

TRBV13*ap01
993 sequences assigned
968 (97.5%) exact matches, in which:
955 unique CDR3
13 unique J
Count
Nucleotide Difference

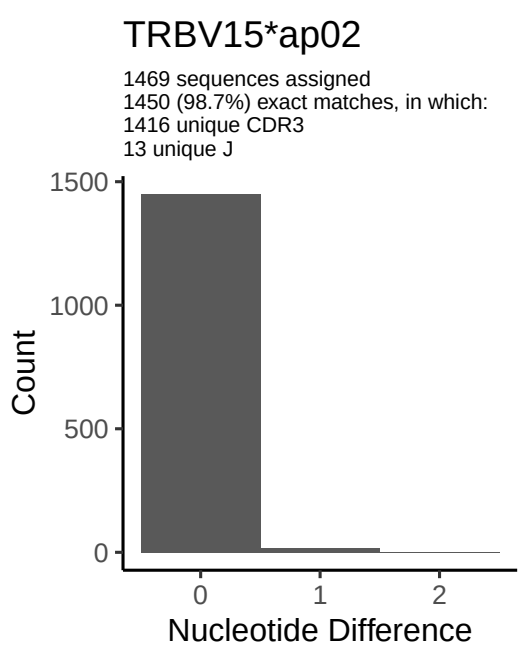

TRBV20−1*ap01
4139 sequences assigned
4082 (98.6%) exact matches, in which:
4014 unique CDR3
13 unique J
Count
Nucleotide Difference


TRBV10−3*ap01
2251 sequences assigned
2223 (98.8%) exact matches, in which:
2185 unique CDR3
13 unique J
Count
Nucleotide Difference


TRBV14*ap01
1315 sequences assigned
1304 (99.2%) exact matches, in which:
1275 unique CDR3
13 unique J
Count
Nucleotide Difference

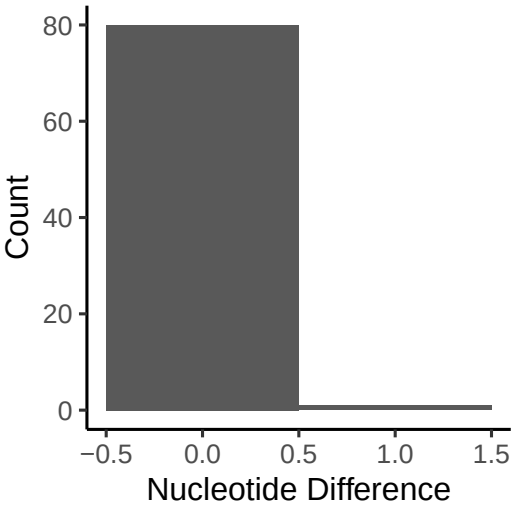

TRBV20−1*ap02
594 sequences assigned
591 (99.5%) exact matches, in which:
581 unique CDR3
13 unique J
Count
Nucleotide Difference


TRBV1*ap01
174 sequences assigned
174 (100%) exact matches, in which:
173 unique CDR3
12 unique J
Count
Nucleotide Difference


TRBV15*ap02
1469 sequences assigned
1450 (98.7%) exact matches, in which:
1416 unique CDR3
13 unique J
Count
Nucleotide Difference

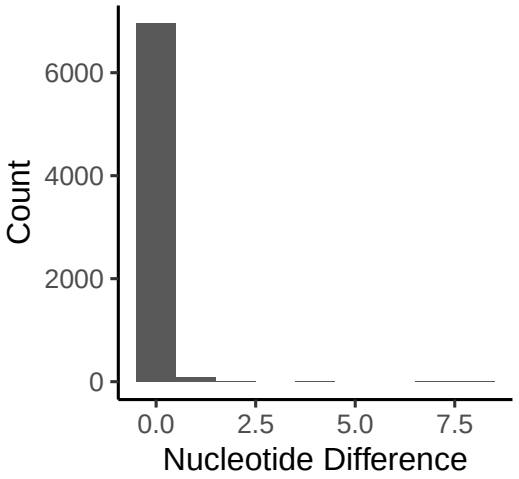
TRBV16*ap01

81 sequences assigned
80 (98.8%) exact matches, in which:
78 unique CDR3
12 unique J



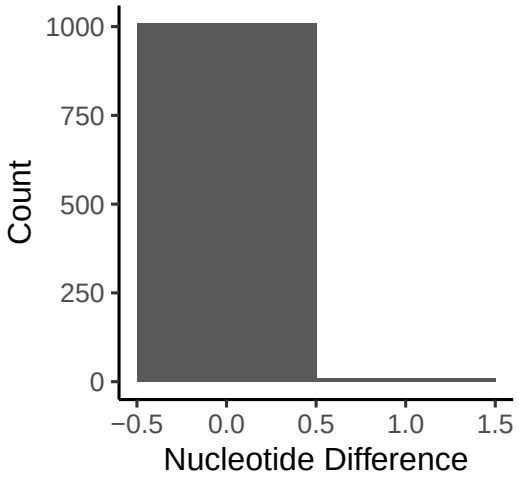
TRBV19*ap01

7046 sequences assigned
6957 (98.7%) exact matches, in which:
6851 unique CDR3
13 unique J



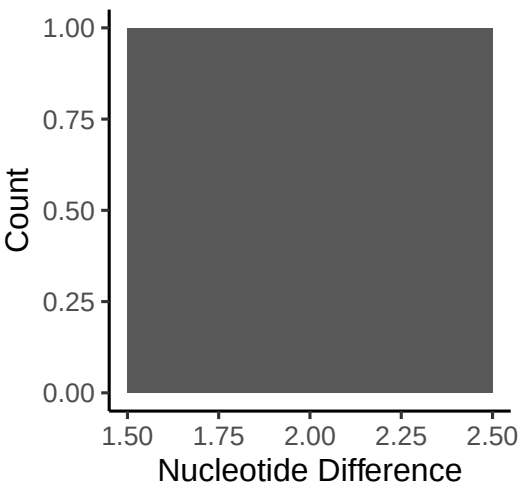
TRBV28*ap01

1020 sequences assigned
1009 (98.9%) exact matches, in which:
989 unique CDR3
13 unique J



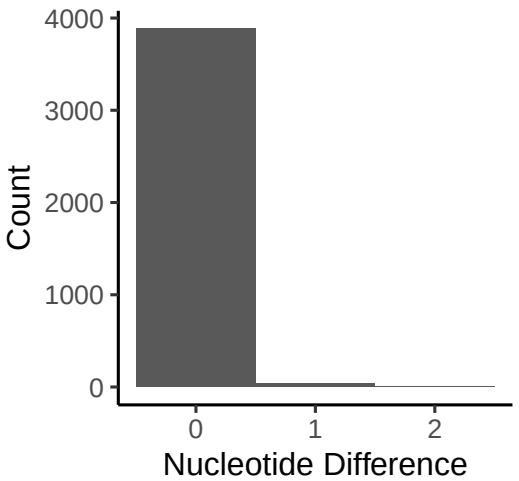
TRBV17*ap01

1 sequences assigned
No exact matches.



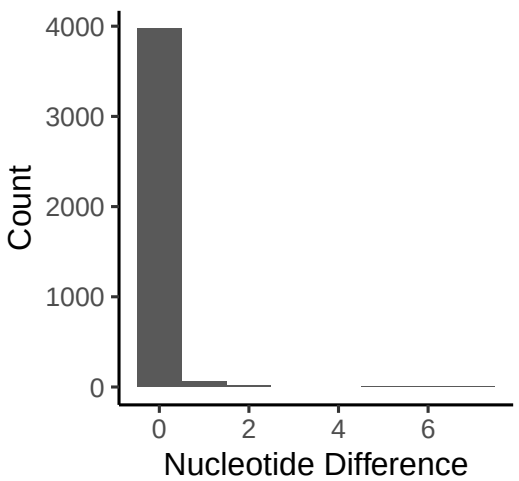
TRBV2*ap01

3926 sequences assigned
3884 (98.9%) exact matches, in which:
3828 unique CDR3
13 unique J



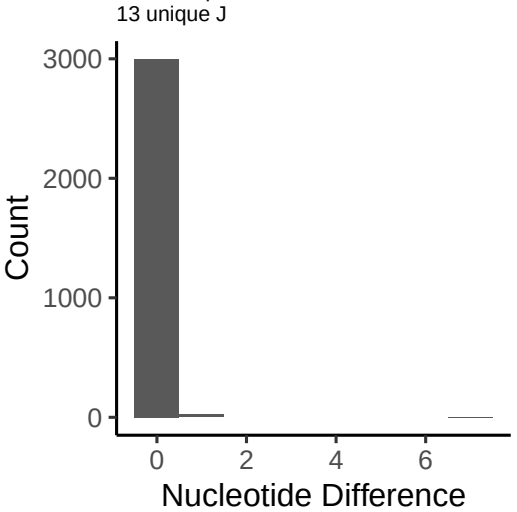
TRBV30*ap01

4055 sequences assigned
3972 (98%) exact matches, in which:
3939 unique CDR3
13 unique J



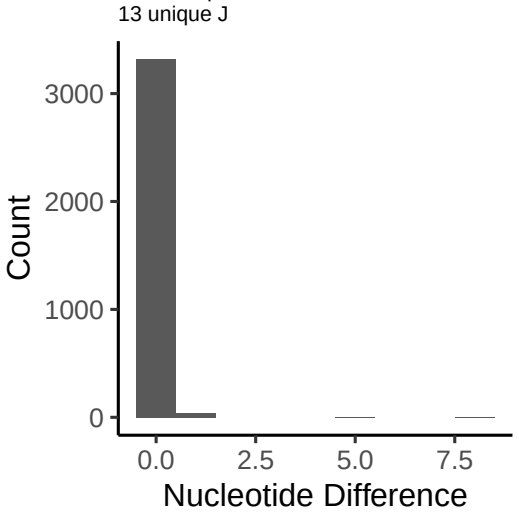
TRBV18*ap01

3024 sequences assigned
2998 (99.1%) exact matches, in which:
2938 unique CDR3
13 unique J



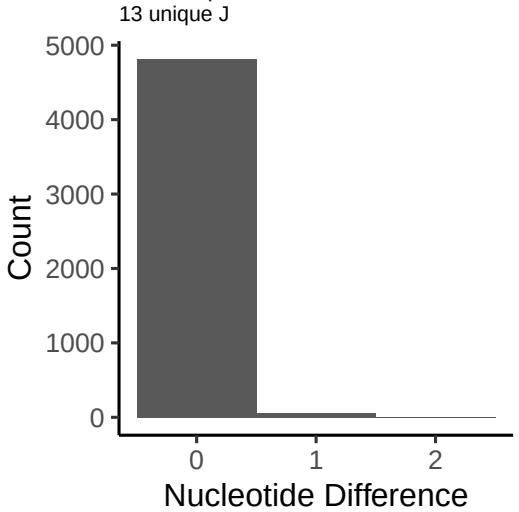
TRBV27*ap01

3364 sequences assigned
3320 (98.7%) exact matches, in which:
3268 unique CDR3
13 unique J



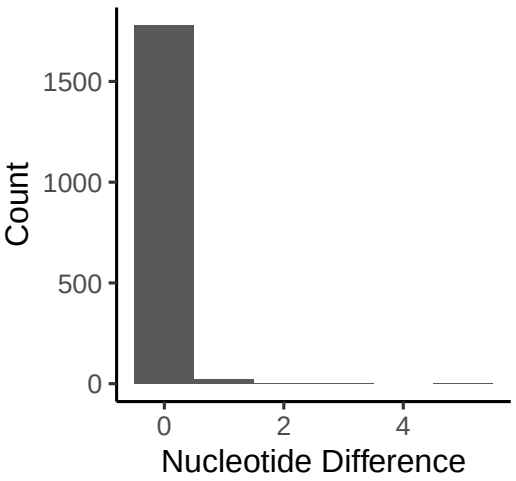
TRBV9*ap01

4876 sequences assigned
4814 (98.7%) exact matches, in which:
4710 unique CDR3
13 unique J



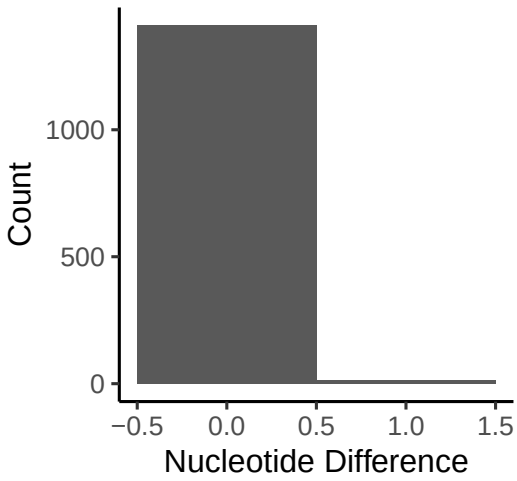
TRBV21−1*ap01

1803 sequences assigned
1778 (98.6%) exact matches, in which:
1735 unique CDR3
13 unique J



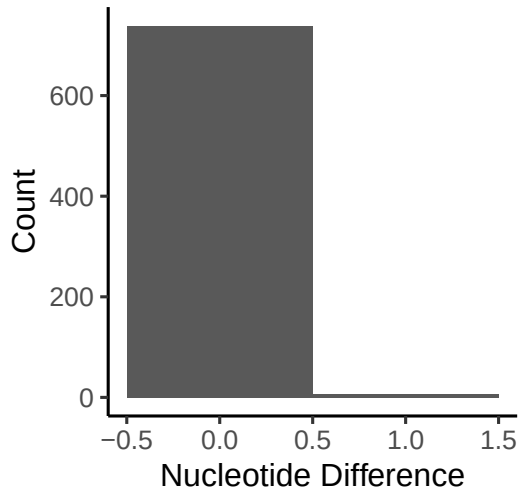
TRBV11−3*ap01

1423 sequences assigned
1411 (99.2%) exact matches, in which:
1385 unique CDR3
13 unique J



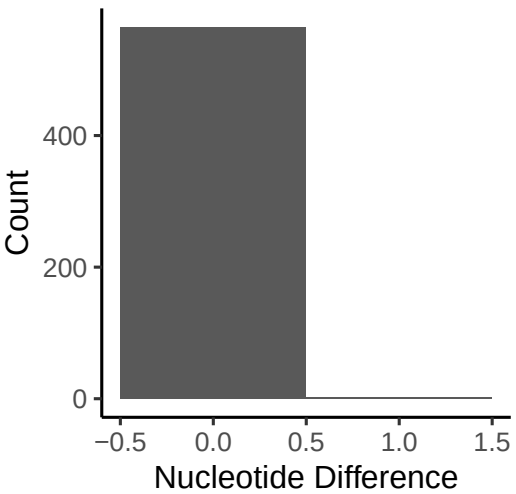
TRBV12−5*ap01

746 sequences assigned
739 (99.1%) exact matches, in which:
725 unique CDR3
13 unique J



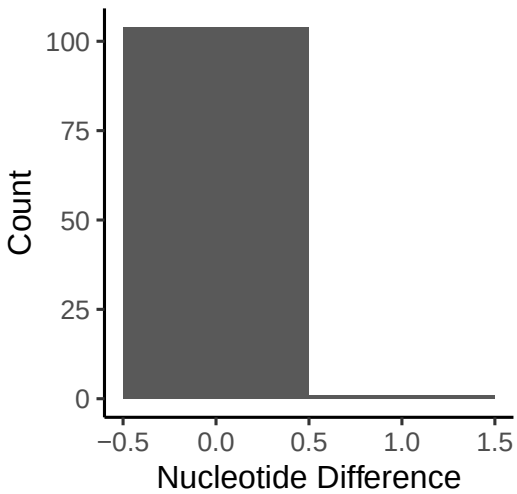
TRBV11−1*ap01

568 sequences assigned
565 (99.5%) exact matches, in which:
552 unique CDR3
13 unique J



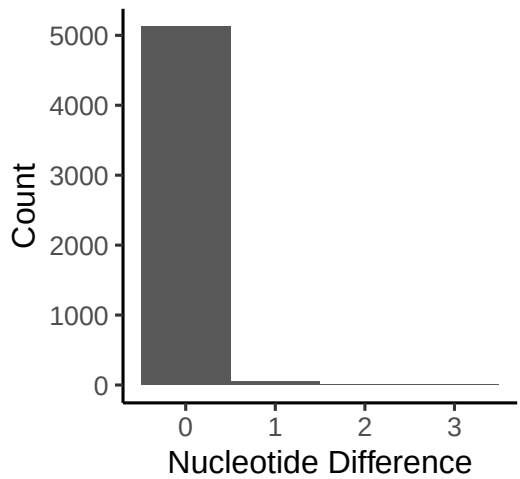
TRBV12−1*ap01

105 sequences assigned
104 (99%) exact matches, in which:
103 unique CDR3
13 unique J



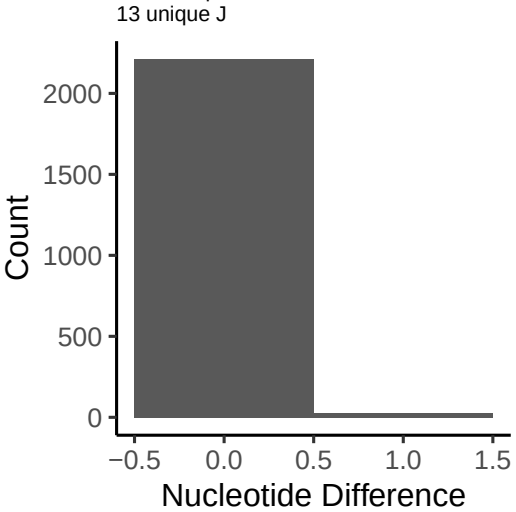
TRBV12−34*ap01

5170 sequences assigned
5123 (99.1%) exact matches, in which:
5035 unique CDR3
13 unique J



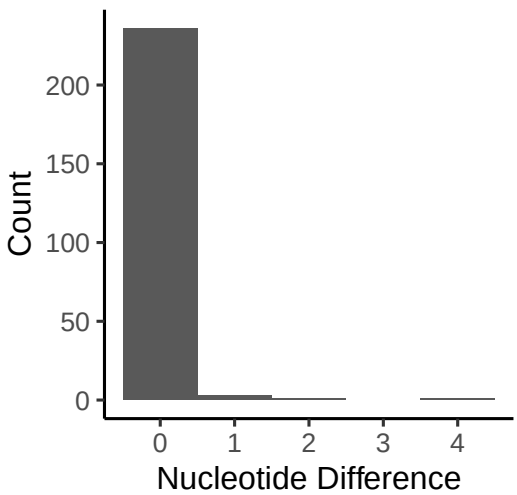
TRBV11−2*ap01

2238 sequences assigned
2212 (98.8%) exact matches, in which:
2166 unique CDR3
13 unique J



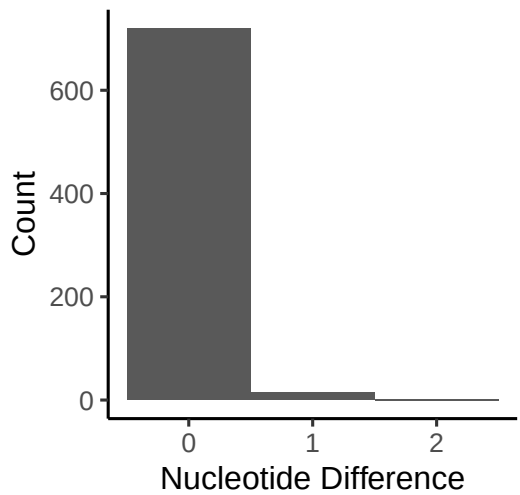
TRBV12−2*ap01

241 sequences assigned
236 (97.9%) exact matches, in which:
230 unique CDR3
13 unique J



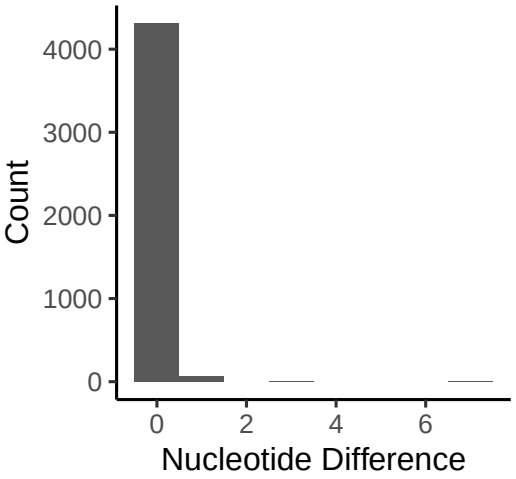
TRBV23−1*ap01

737 sequences assigned
720 (97.7%) exact matches, in which:
708 unique CDR3
13 unique J



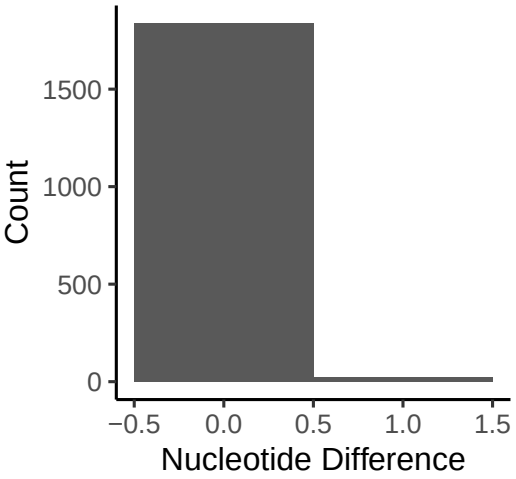
TRBV3−12*ap01

4375 sequences assigned
4310 (98.5%) exact matches, in which:
4239 unique CDR3
13 unique J



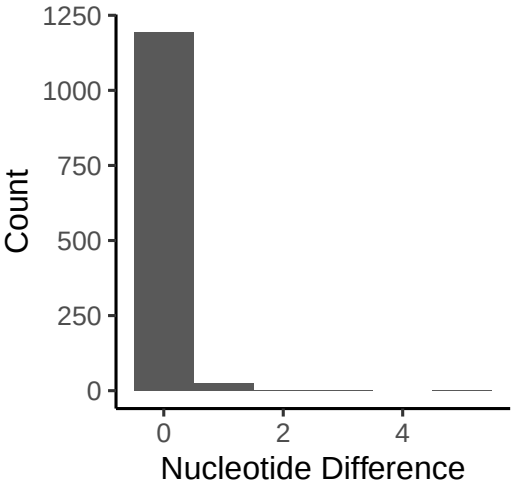
TRBV4−2*ap01

1862 sequences assigned
1837 (98.7%) exact matches, in which:
1817 unique CDR3
13 unique J



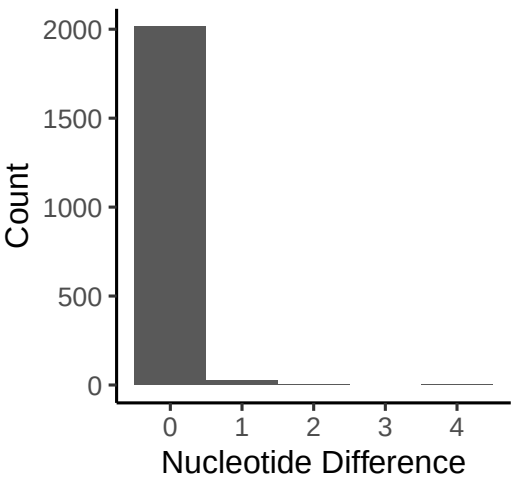
TRBV25−1*ap01

1223 sequences assigned
1193 (97.5%) exact matches, in which:
1182 unique CDR3
13 unique J



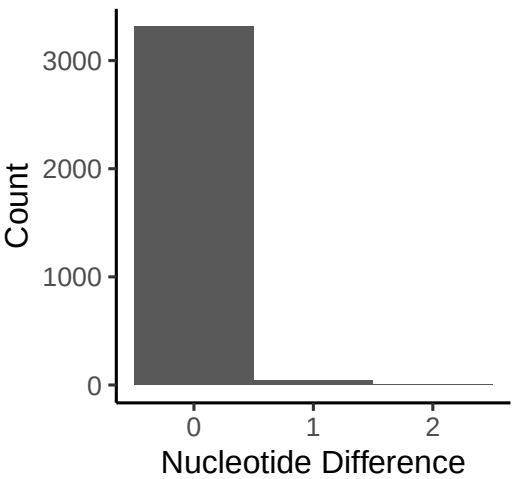
TRBV24−1*ap01

2044 sequences assigned
2014 (98.5%) exact matches, in which:
1985 unique CDR3
13 unique J



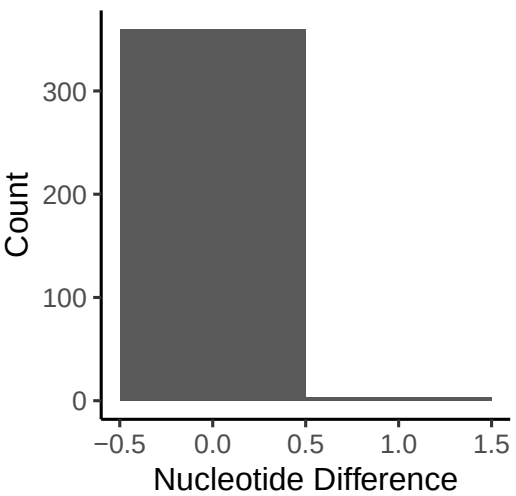
TRBV4−3*ap01

3356 sequences assigned
3313 (98.7%) exact matches, in which:
3258 unique CDR3
13 unique J



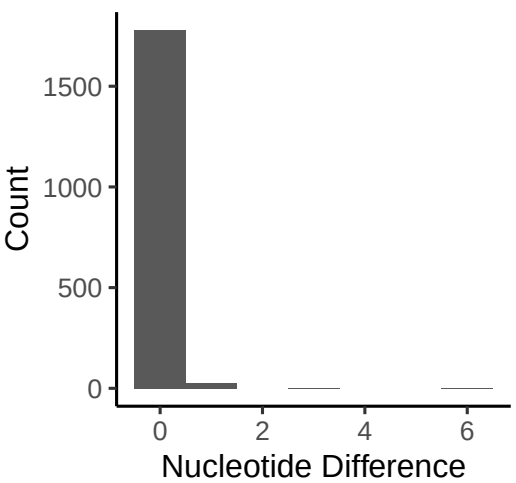
TRBV5−3*ap01

363 sequences assigned
360 (99.2%) exact matches, in which:
352 unique CDR3
13 unique J



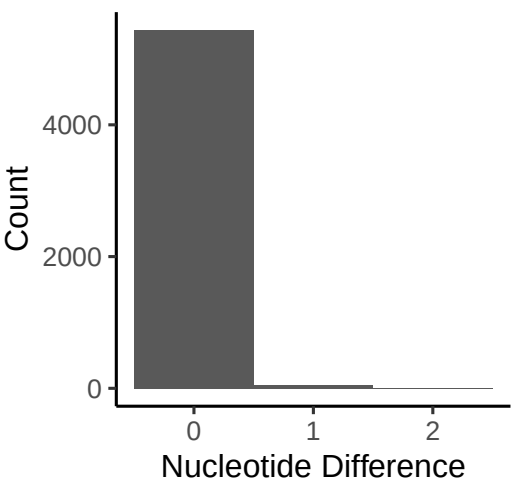
TRBV4−1*ap01

1809 sequences assigned
1779 (98.3%) exact matches, in which:
1759 unique CDR3
13 unique J



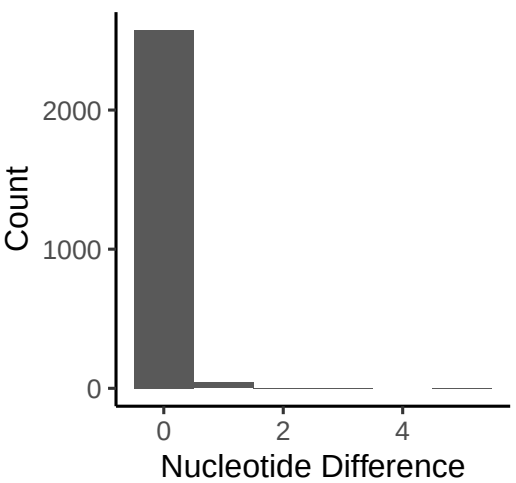
TRBV5−1*ap01

5494 sequences assigned
5439 (99%) exact matches, in which:
5323 unique CDR3
13 unique J



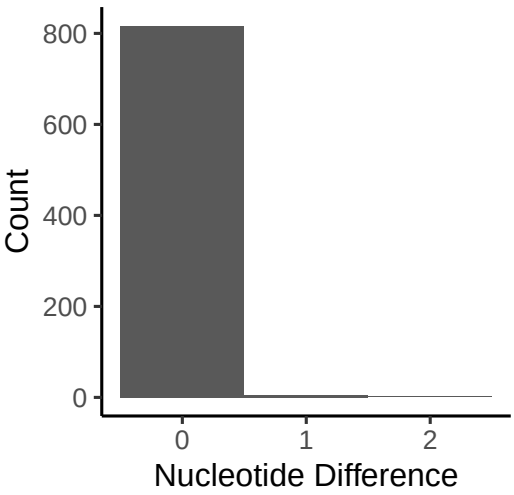
TRBV5−4*ap01

2620 sequences assigned
2575 (98.3%) exact matches, in which:
2532 unique CDR3
13 unique J



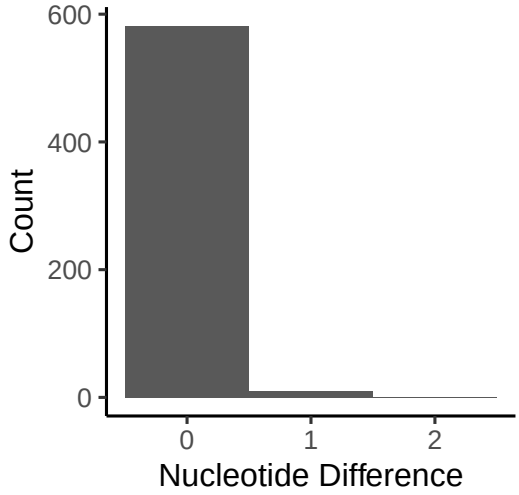
TRBV5−5*ap01

824 sequences assigned
817 (99.2%) exact matches, in which:
798 unique CDR3
13 unique J



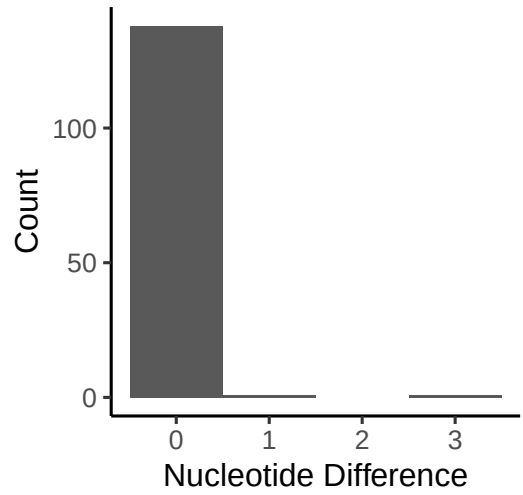
TRBV5−8*ap01

593 sequences assigned
582 (98.1%) exact matches, in which:
572 unique CDR3
13 unique J



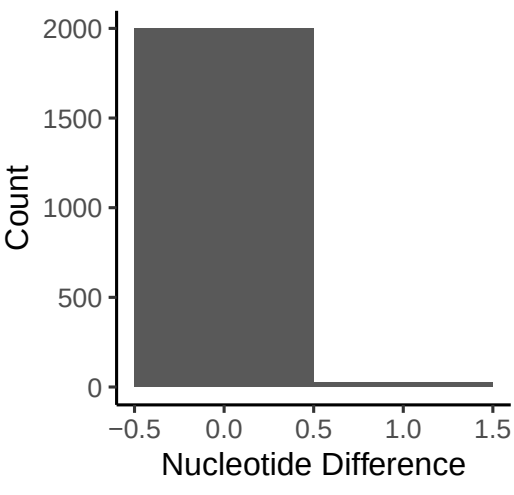
TRBV6−7*ap01

140 sequences assigned
138 (98.6%) exact matches, in which:
137 unique CDR3
13 unique J



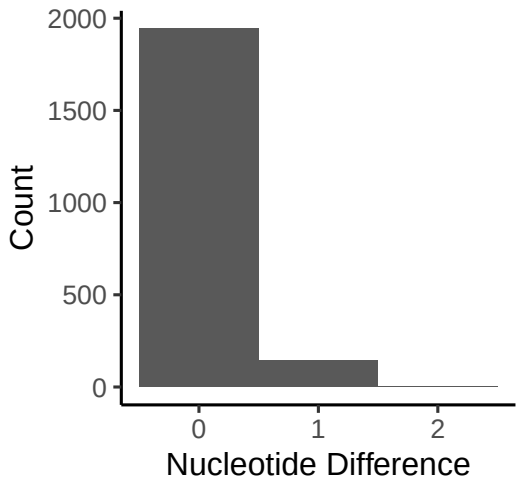
TRBV5−6*ap01

2022 sequences assigned
1998 (98.8%) exact matches, in which:
1967 unique CDR3
14 unique J



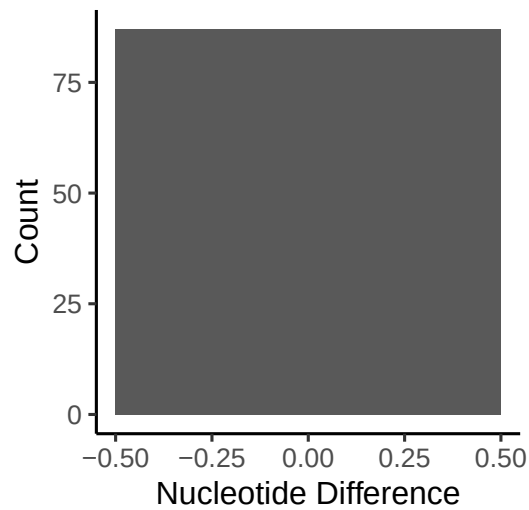
TRBV6−1*ap01

2090 sequences assigned
1943 (93%) exact matches, in which:
1912 unique CDR3
13 unique J



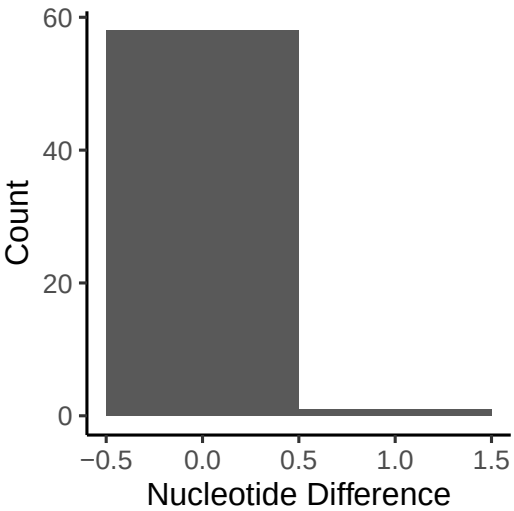
TRBV6−8*ap01

87 sequences assigned
87 (100%) exact matches, in which:
84 unique CDR3
13 unique J



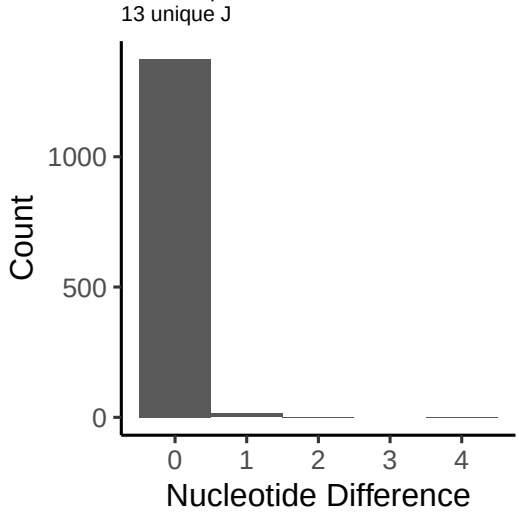
TRBV5−7*ap01

59 sequences assigned
58 (98.3%) exact matches, in which:
58 unique CDR3
12 unique J



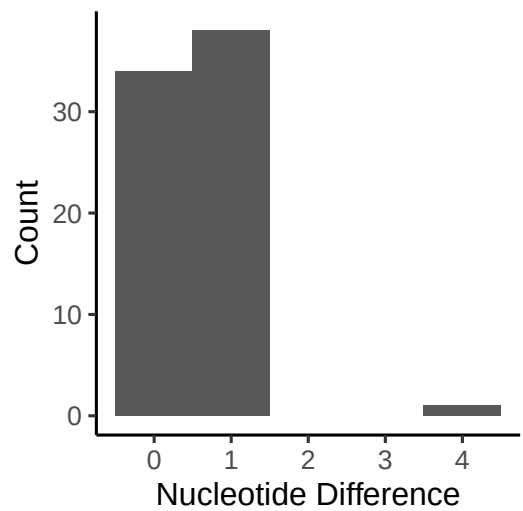
TRBV6−4*ap01

1393 sequences assigned
1375 (98.7%) exact matches, in which:
1357 unique CDR3
13 unique J



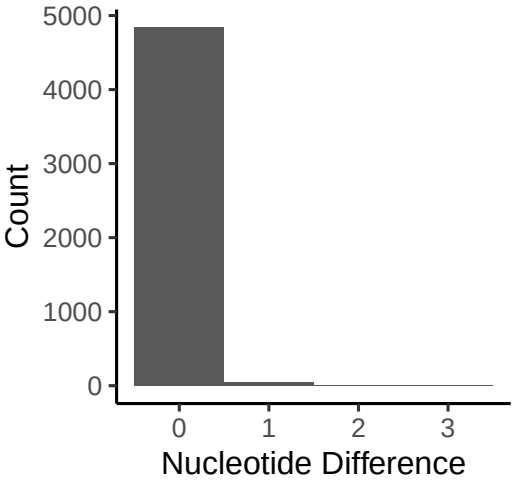
TRBV6−9*ap01

73 sequences assigned
34 (46.6%) exact matches, in which:
34 unique CDR3
12 unique J



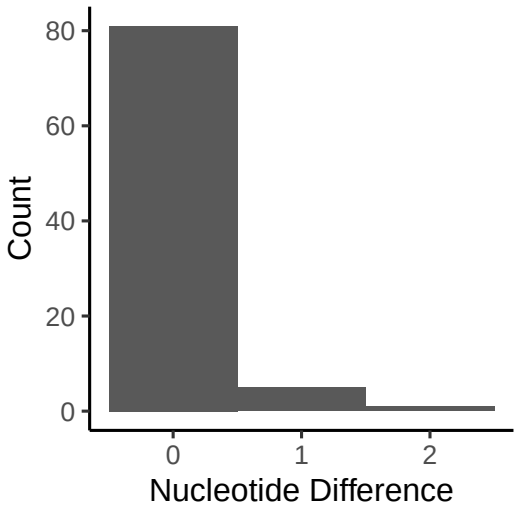
TRBV6−23*ap01

4895 sequences assigned
4840 (98.9%) exact matches, in which:
4779 unique CDR3
13 unique J



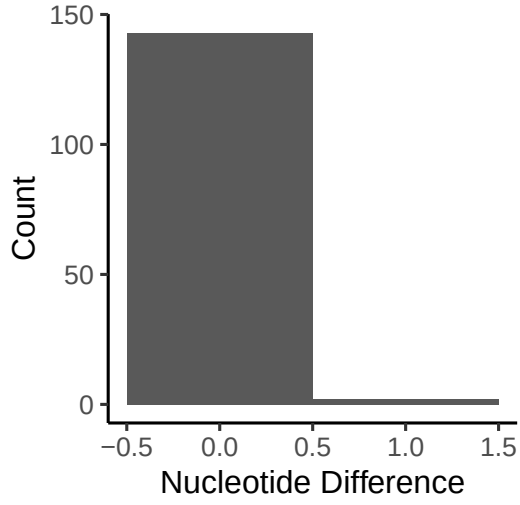
TRBV7−1*ap01_G291C_T

87 sequences assigned
81 (93.1%) exact matches, in which:
80 unique CDR3
13 unique J



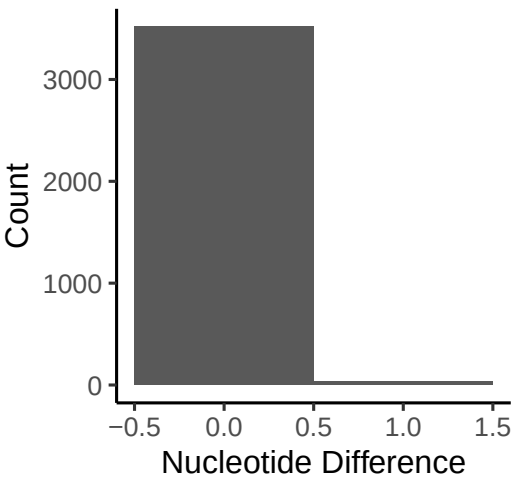
TRBV7−4*ap01

145 sequences assigned
143 (98.6%) exact matches, in which:
141 unique CDR3
13 unique J



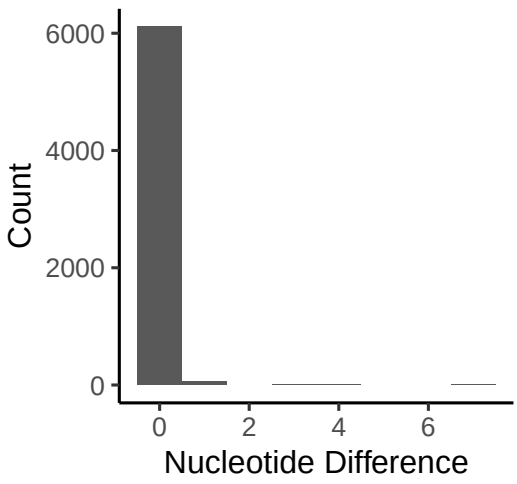
TRBV6−56*ap01

3554 sequences assigned
3518 (99%) exact matches, in which:
3461 unique CDR3
13 unique J



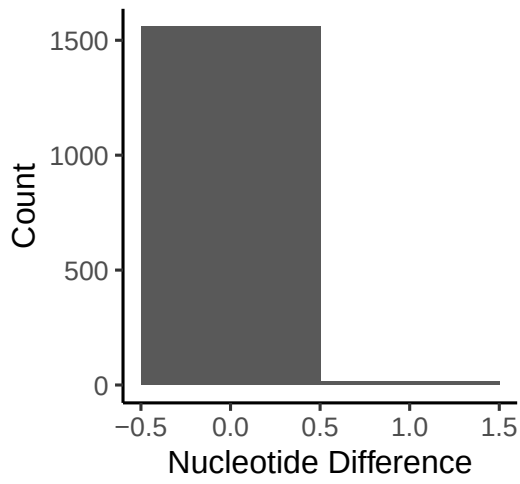
TRBV7−2*ap01

6174 sequences assigned
6111 (99%) exact matches, in which:
6003 unique CDR3
13 unique J



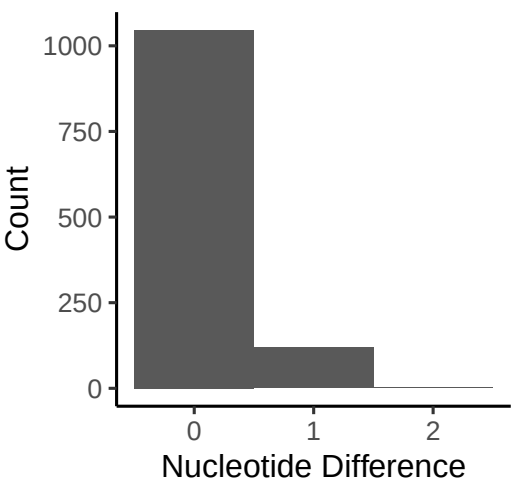
TRBV7−6*ap01

1575 sequences assigned
1559 (99%) exact matches, in which:
1535 unique CDR3
13 unique J



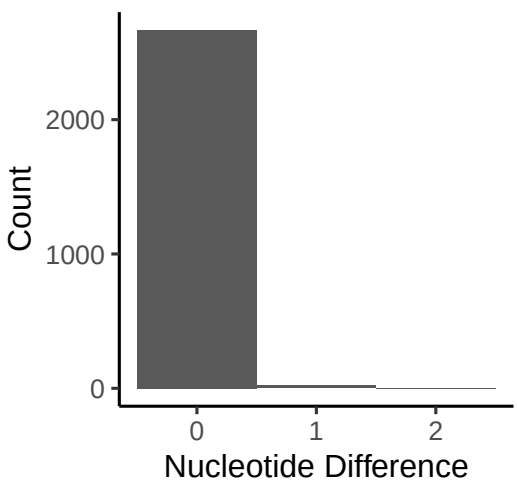
TRBV6−56*ap02

1167 sequences assigned
1046 (89.6%) exact matches, in which:
1025 unique CDR3
13 unique J



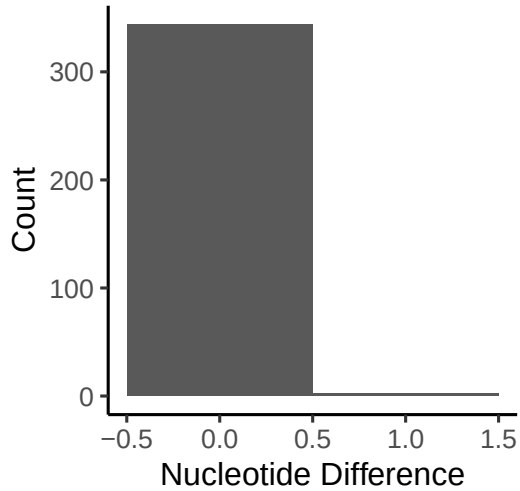
TRBV7−3*ap01

2689 sequences assigned
2667 (99.2%) exact matches, in which:
2618 unique CDR3
13 unique J



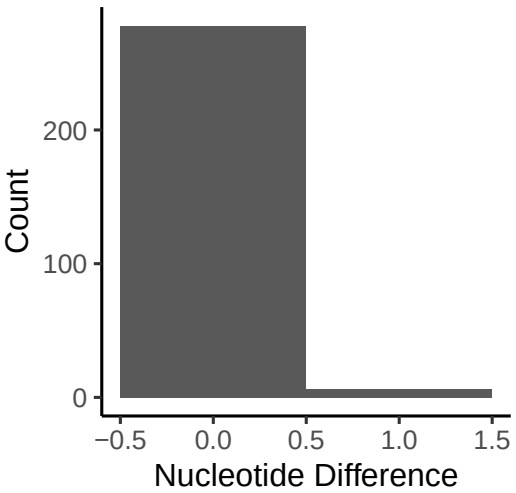
TRBV7−7*ap01

346 sequences assigned
344 (99.4%) exact matches, in which:
337 unique CDR3
12 unique J



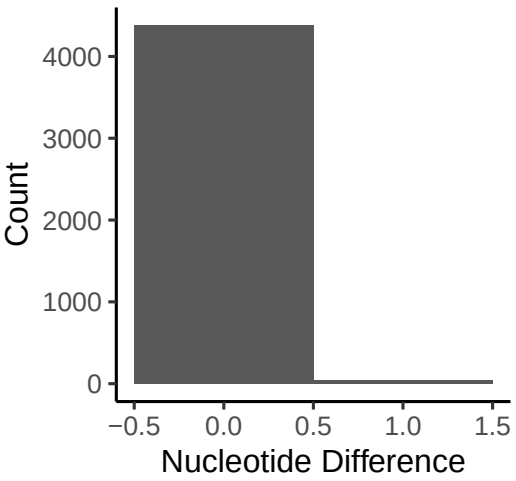
TRBV7−7*ap01_C315T

284 sequences assigned
278 (97.9%) exact matches, in which:
274 unique CDR3
12 unique J



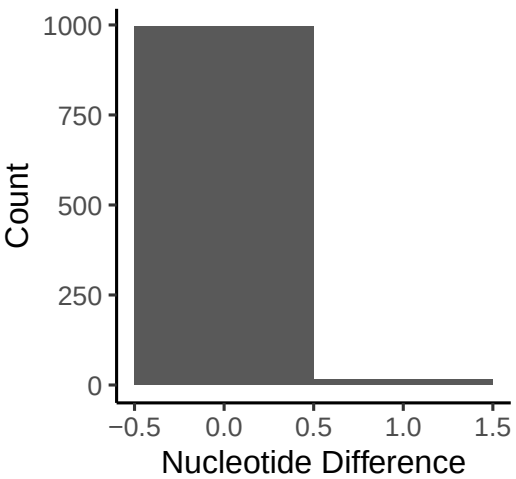
TRBV7−9*ap01

4424 sequences assigned
4379 (99%) exact matches, in which:
4288 unique CDR3
13 unique J



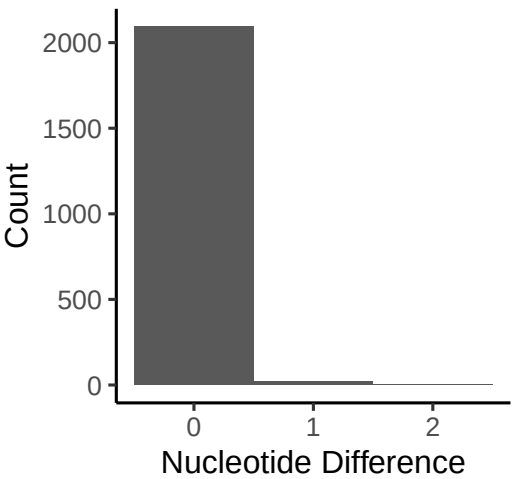
TRBV7−8*ap01

1010 sequences assigned
995 (98.5%) exact matches, in which:
975 unique CDR3
13 unique J



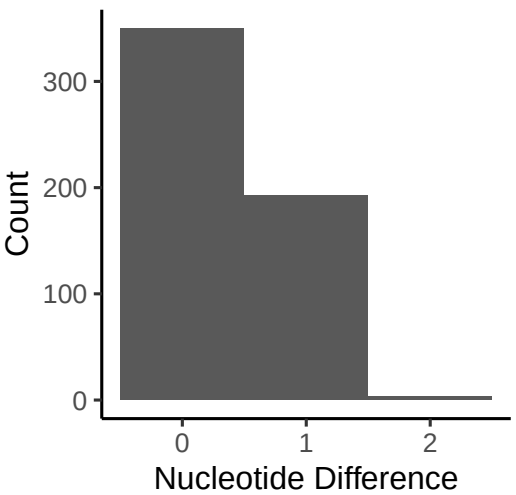
TRBV29−1*ap01

2117 sequences assigned
2093 (98.9%) exact matches, in which:
2070 unique CDR3
13 unique J



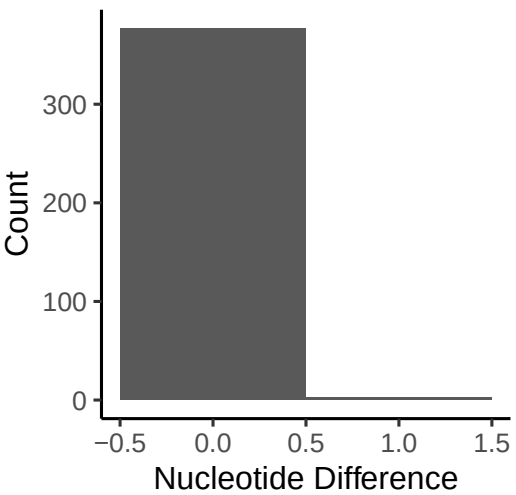
TRBV7−8*ap03

546 sequences assigned
350 (64.1%) exact matches, in which:
341 unique CDR3
13 unique J

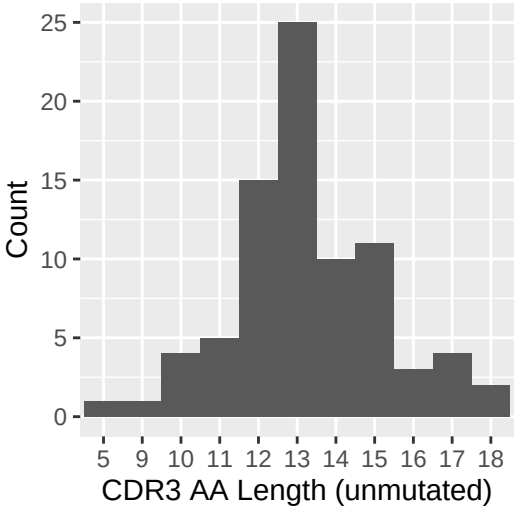


TRBV29−1*ap02

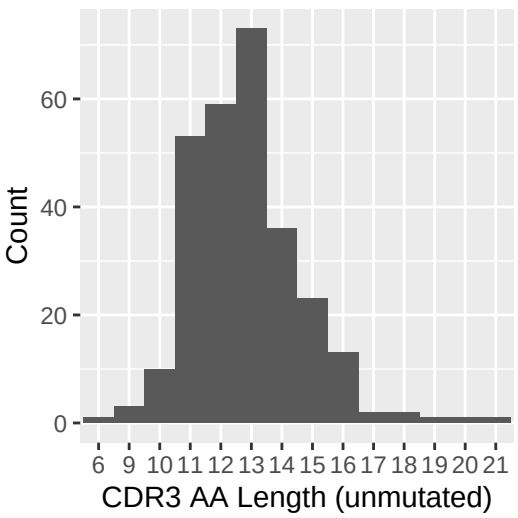
380 sequences assigned
377 (99.2%) exact matches, in which:
370 unique CDR3
13 unique J



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
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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.