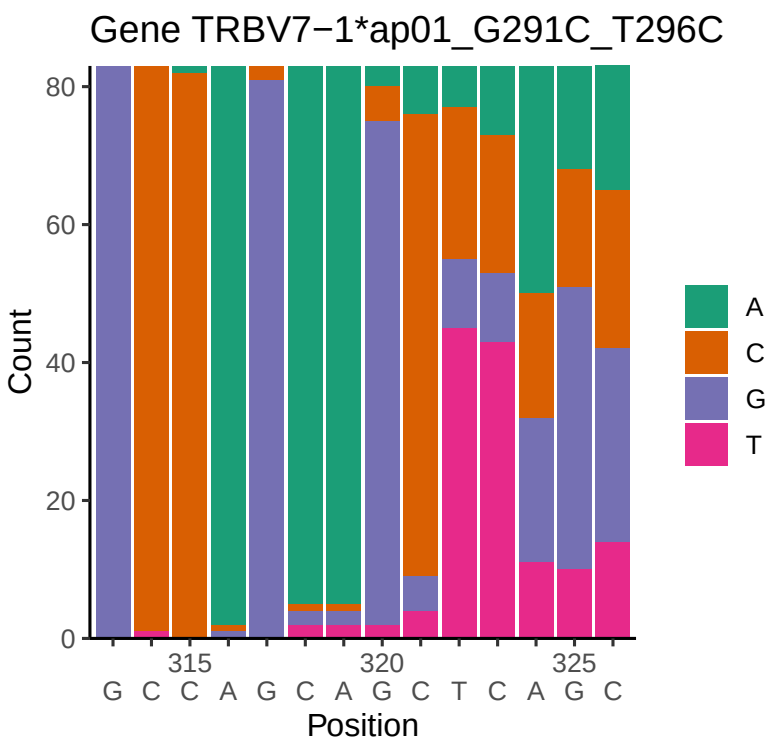
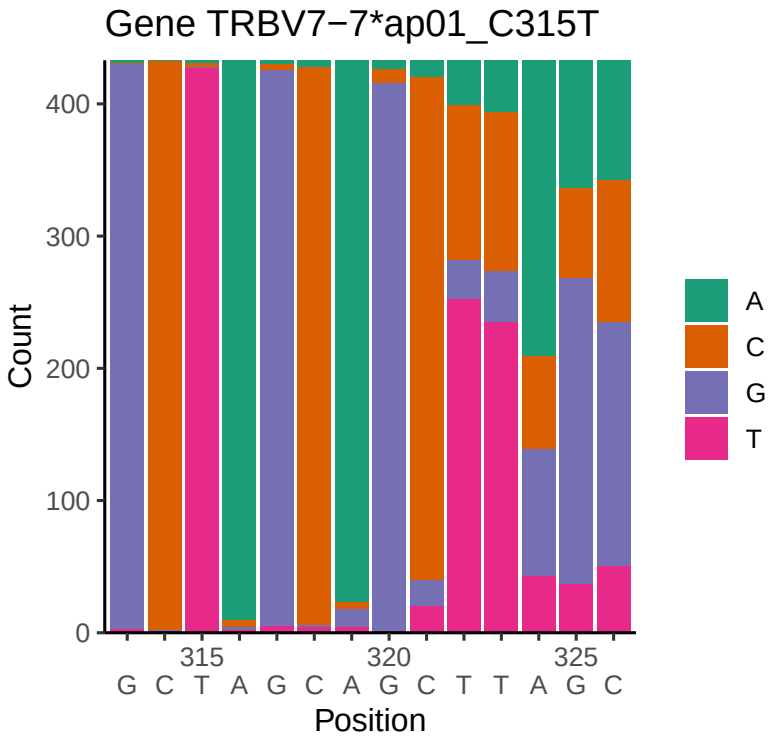
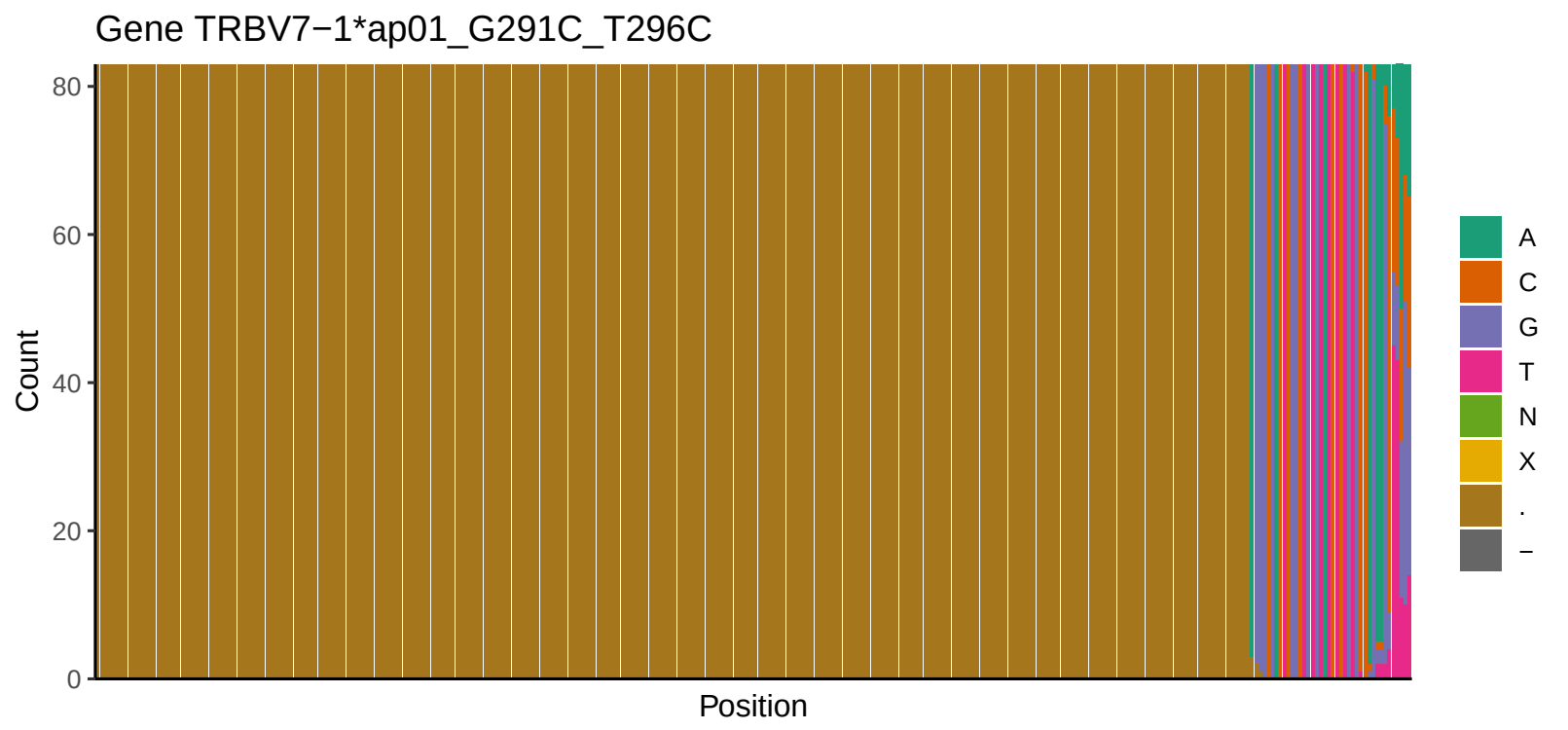
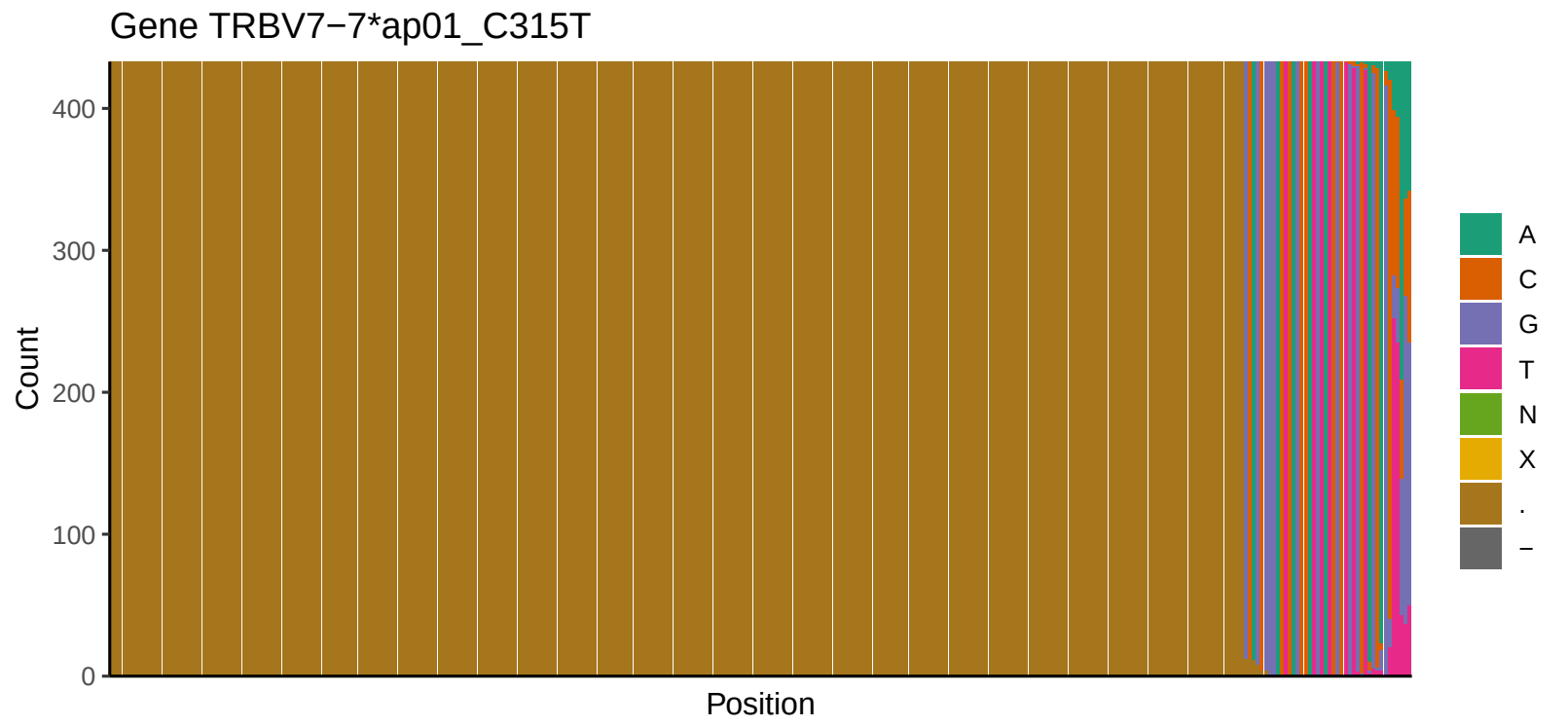
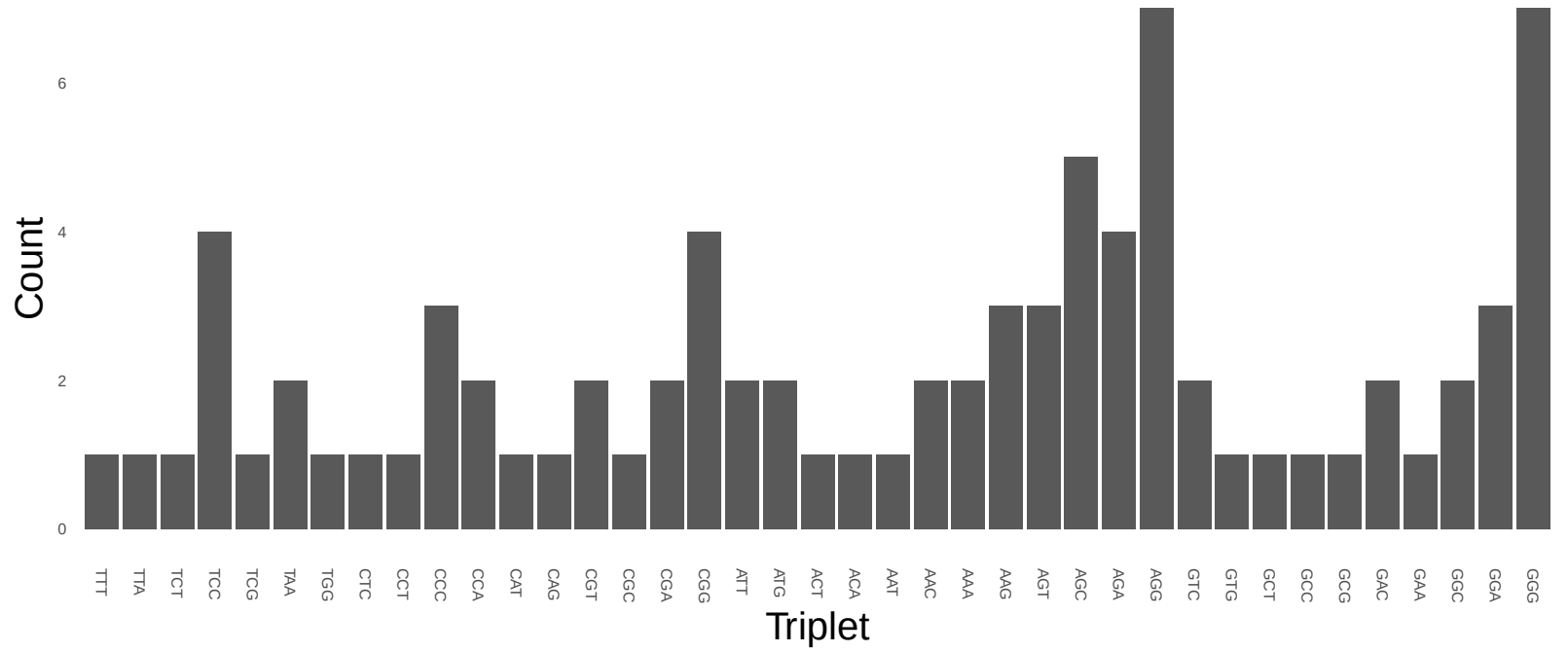

Gene TRBV7−1*ap01_G291C_T296C
Count
80
60
40
20
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
400
300
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

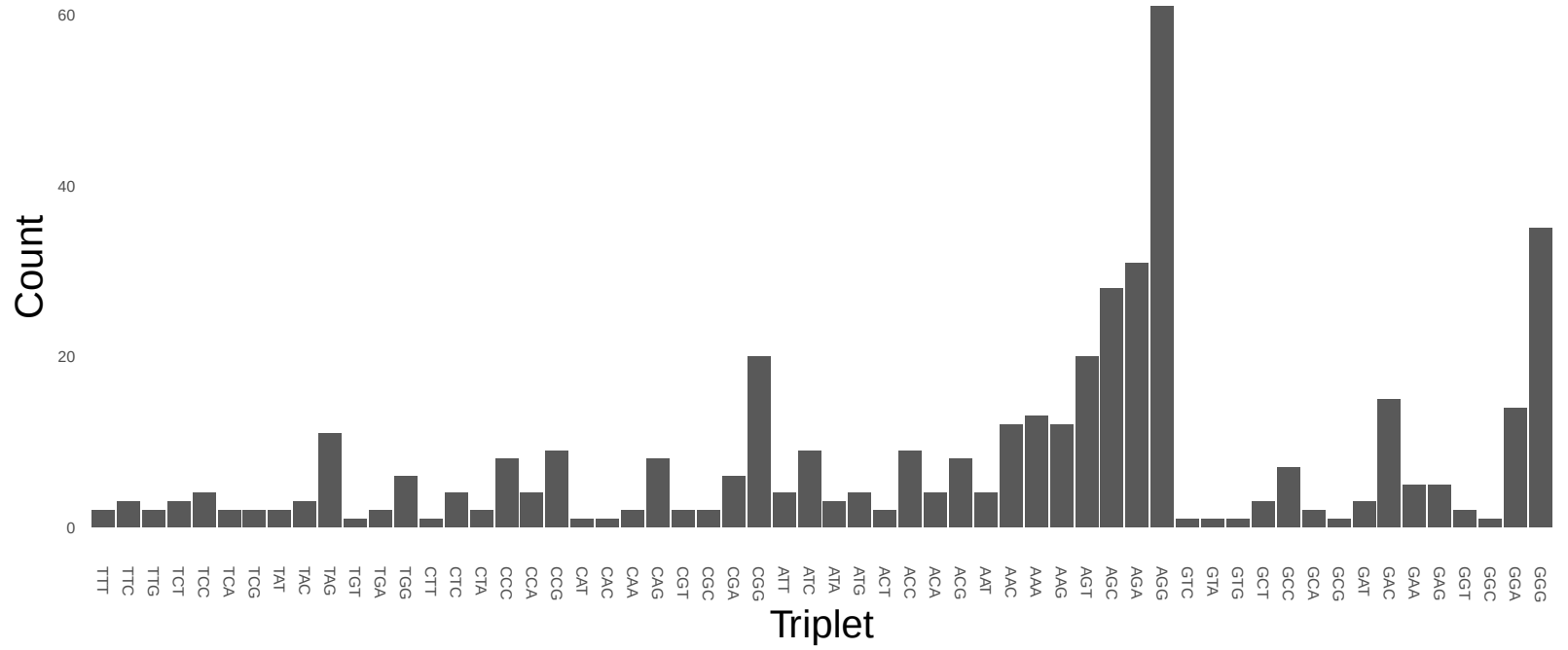

Gene TRBV7−1*ap01_G291C_T296C
Count
Position
0
20
40
60
80
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
Count
Position
0
100
200
300
400
A
C
G
T
N
X
.
–

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

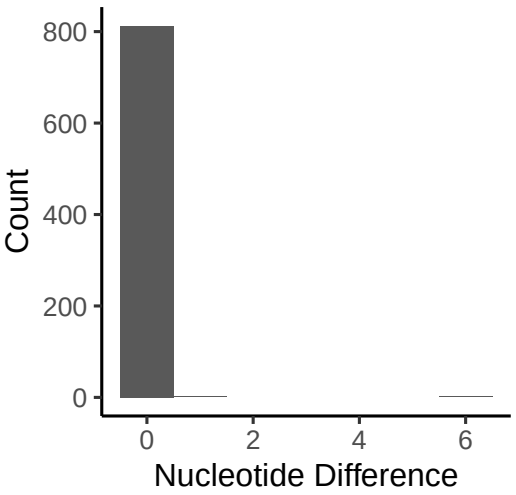


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



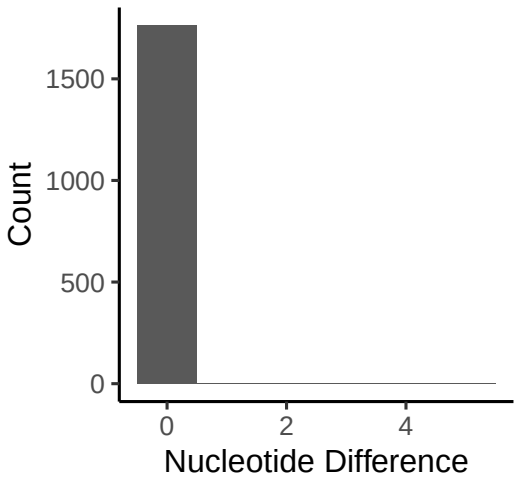
TRBV10−1*ap01

817 sequences assigned
813 (99.5%) exact matches, in which:
812 unique CDR3
13 unique J



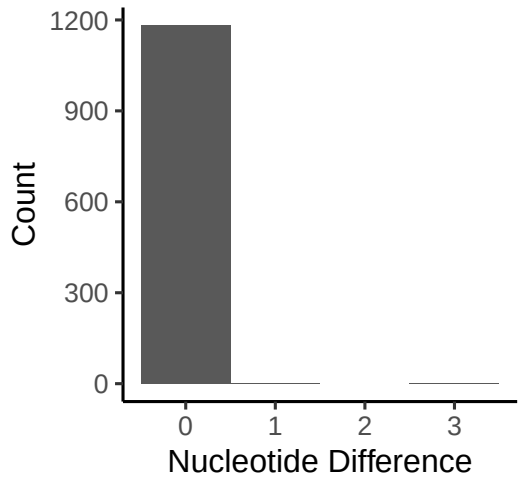
TRBV10−3*ap01

1770 sequences assigned
1763 (99.6%) exact matches, in which:
1761 unique CDR3
13 unique J



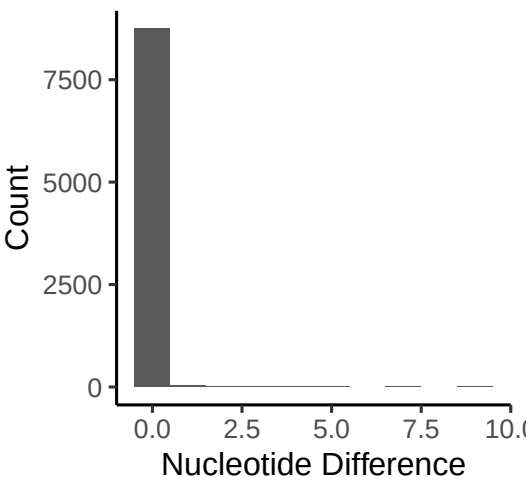
TRBV14*ap01

1184 sequences assigned
1182 (99.8%) exact matches, in which:
1179 unique CDR3
13 unique J



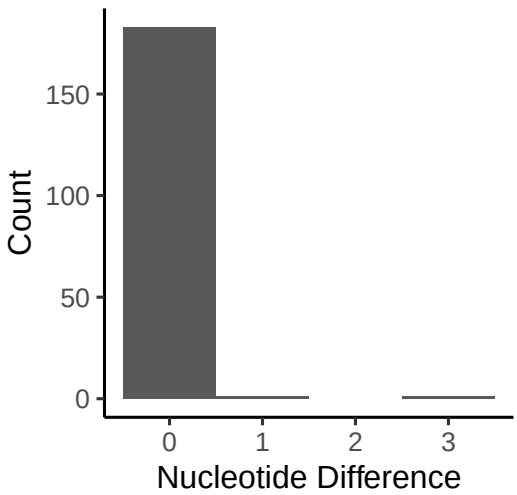
TRBV20−1*ap01

8789 sequences assigned
8744 (99.5%) exact matches, in which:
8735 unique CDR3
13 unique J



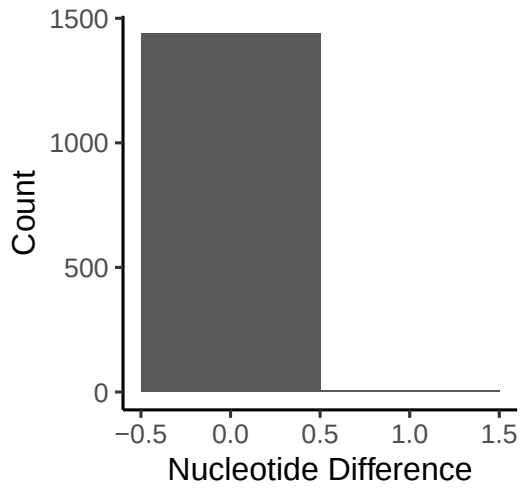
TRBV1*ap01

185 sequences assigned
183 (98.9%) exact matches, in which:
182 unique CDR3
13 unique J



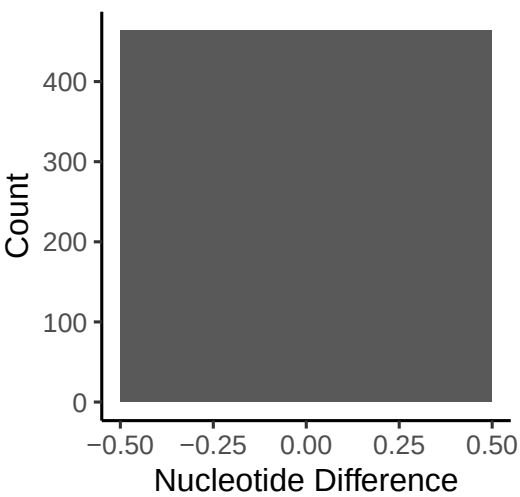
TRBV15*ap02

1446 sequences assigned
1438 (99.4%) exact matches, in which:
1434 unique CDR3
13 unique J



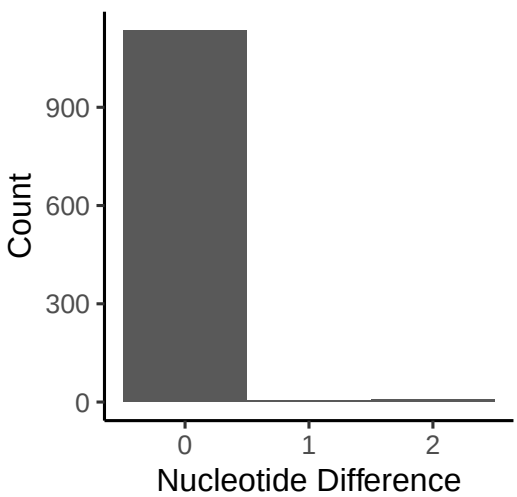
TRBV10−2*ap01

464 sequences assigned
464 (100%) exact matches, in which:
464 unique CDR3
13 unique J



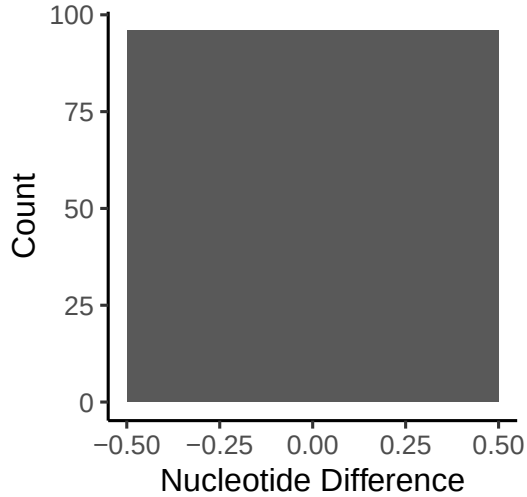
TRBV13*ap01

1147 sequences assigned
1135 (99%) exact matches, in which:
1133 unique CDR3
13 unique J



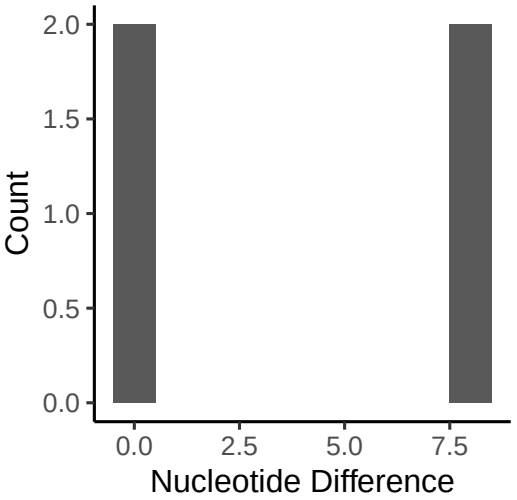
TRBV16*ap01

96 sequences assigned
96 (100%) exact matches, in which:
96 unique CDR3
13 unique J



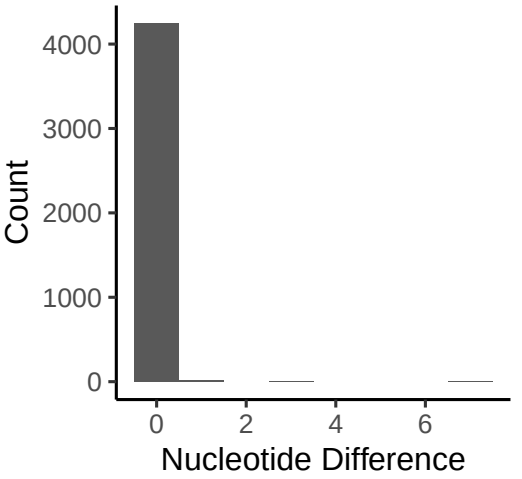
TRBV17*ap01

4 sequences assigned
2 (50%) exact matches, in which:
2 unique CDR3
2 unique J



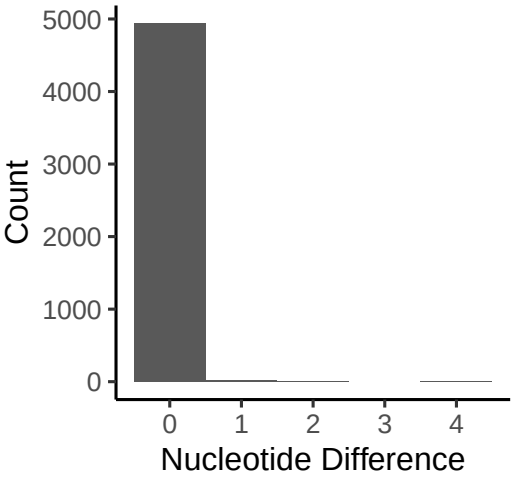
TRBV2*ap01

4263 sequences assigned
4245 (99.6%) exact matches, in which:
4241 unique CDR3
13 unique J



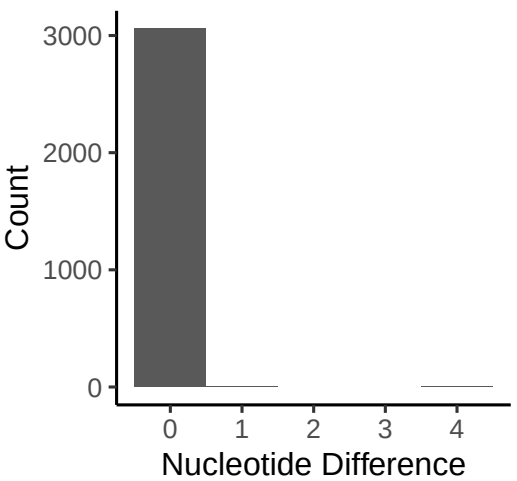
TRBV28*ap01

4955 sequences assigned
4939 (99.7%) exact matches, in which:
4934 unique CDR3
13 unique J



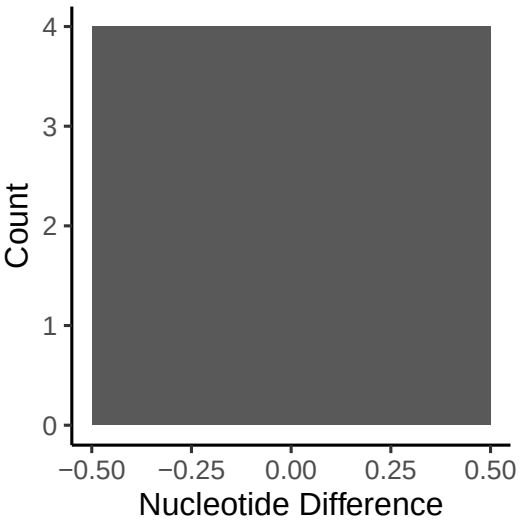
TRBV18*ap01

3064 sequences assigned
3058 (99.8%) exact matches, in which:
3054 unique CDR3
13 unique J



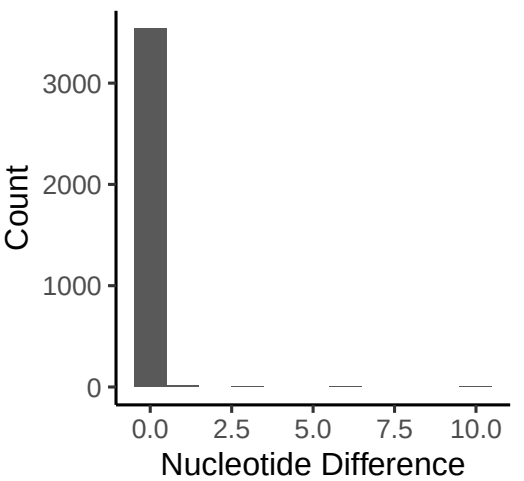
TRBV26*ap01

4 sequences assigned
4 (100%) exact matches, in which:
4 unique CDR3
1 unique J



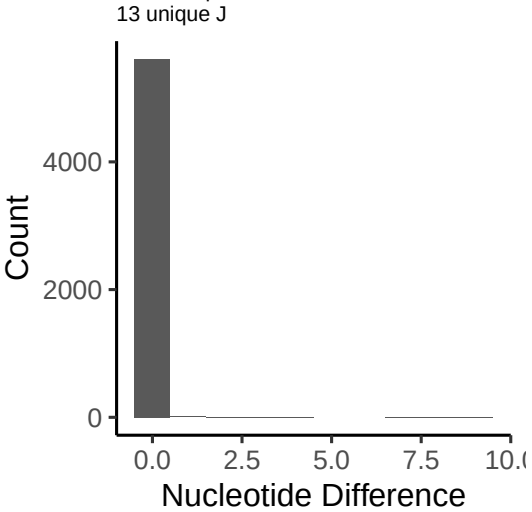
TRBV30*ap01

3559 sequences assigned
3537 (99.4%) exact matches, in which:
3530 unique CDR3
13 unique J



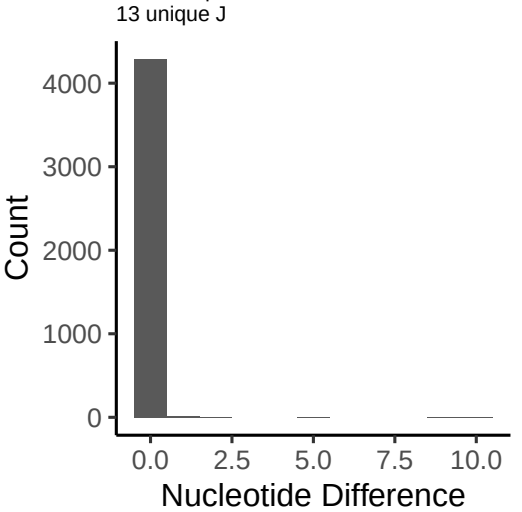
TRBV19*ap01

5631 sequences assigned
5610 (99.6%) exact matches, in which:
5609 unique CDR3
13 unique J



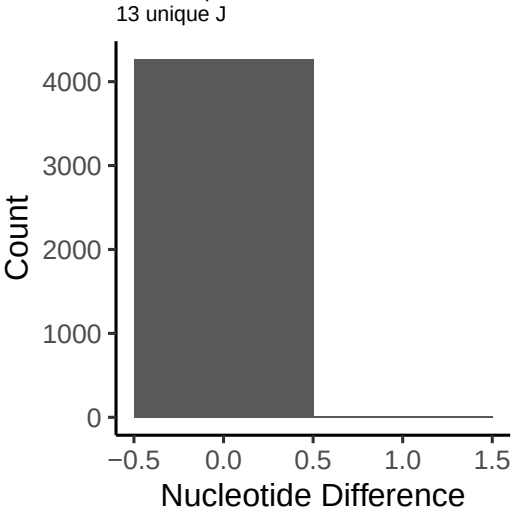
TRBV27*ap01

4310 sequences assigned
4289 (99.5%) exact matches, in which:
4281 unique CDR3
13 unique J



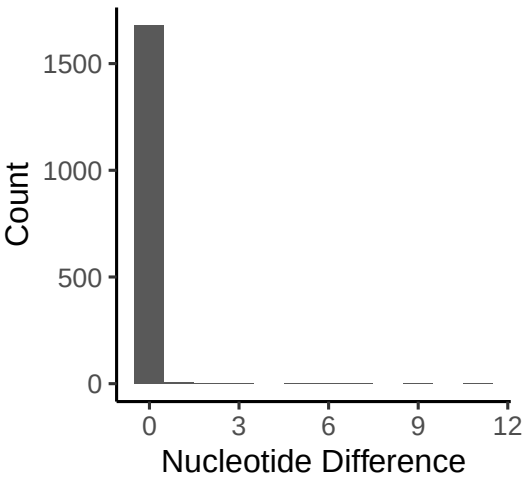
TRBV9*ap01

4286 sequences assigned
4269 (99.6%) exact matches, in which:
4254 unique CDR3
13 unique J



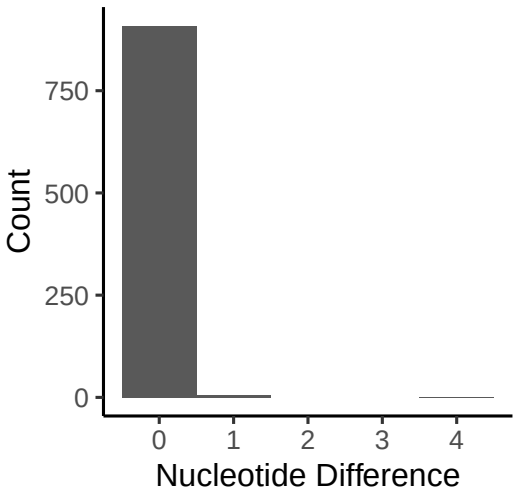
TRBV21−1*ap01

1696 sequences assigned
1679 (99%) exact matches, in which:
1678 unique CDR3
13 unique J



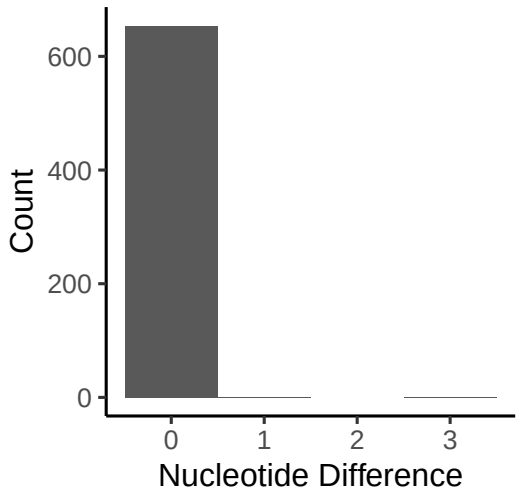
TRBV11−3*ap01

915 sequences assigned
909 (99.3%) exact matches, in which:
908 unique CDR3
13 unique J



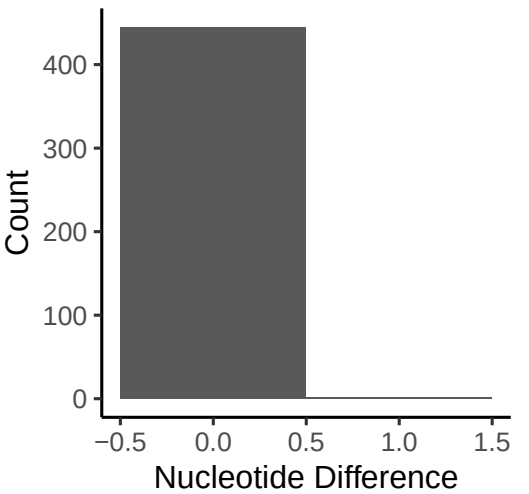
TRBV12−5*ap01

656 sequences assigned
654 (99.7%) exact matches, in which:
654 unique CDR3
13 unique J



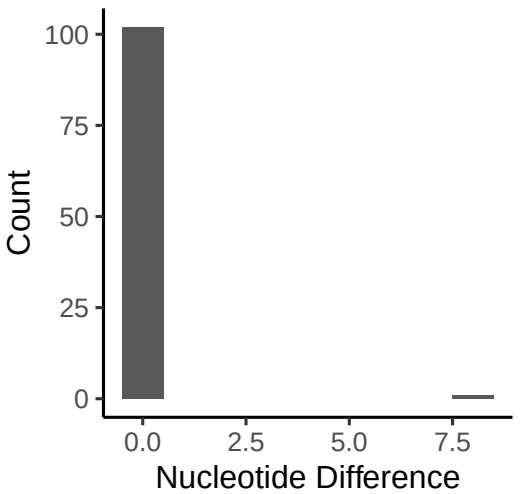
TRBV11−1*ap01

447 sequences assigned
445 (99.6%) exact matches, in which:
445 unique CDR3
13 unique J



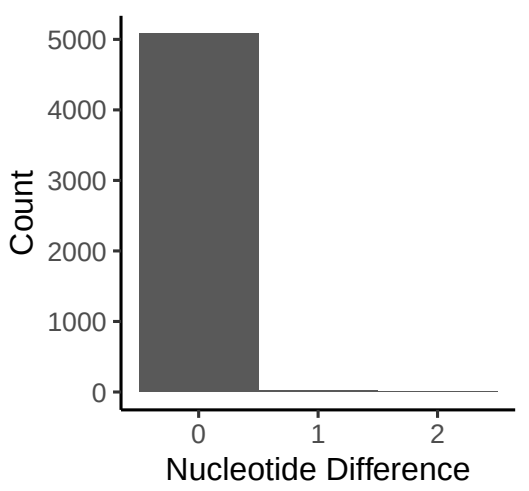
TRBV12−1*ap01

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



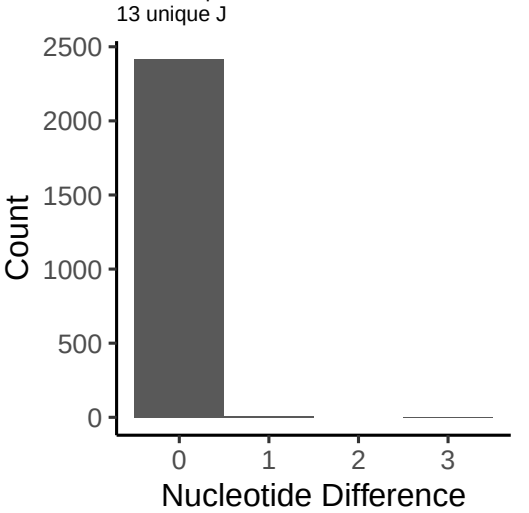
TRBV12−34*ap01

5098 sequences assigned
5080 (99.6%) exact matches, in which:
5076 unique CDR3
13 unique J



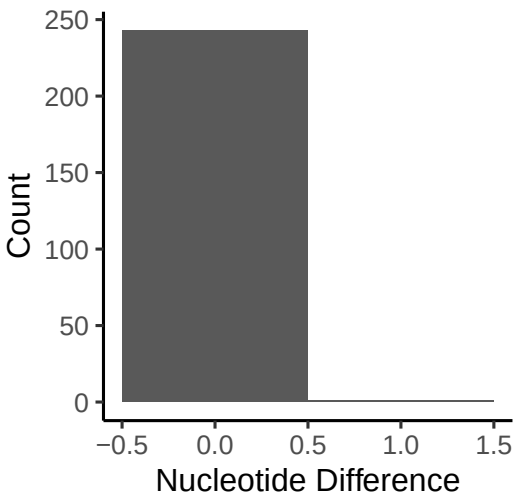
TRBV11−2*ap01

2427 sequences assigned
2417 (99.6%) exact matches, in which:
2415 unique CDR3
13 unique J



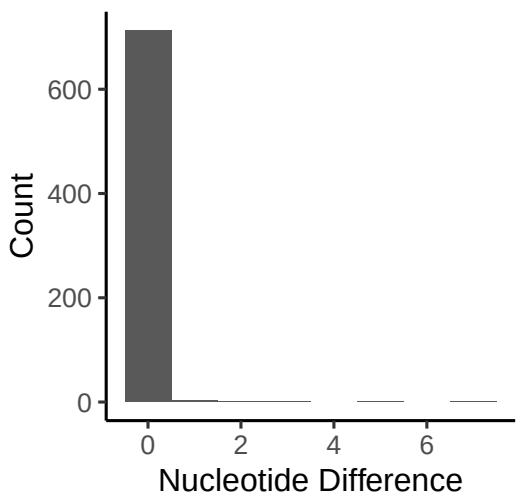
TRBV12−2*ap01

244 sequences assigned
243 (99.6%) exact matches, in which:
243 unique CDR3
13 unique J



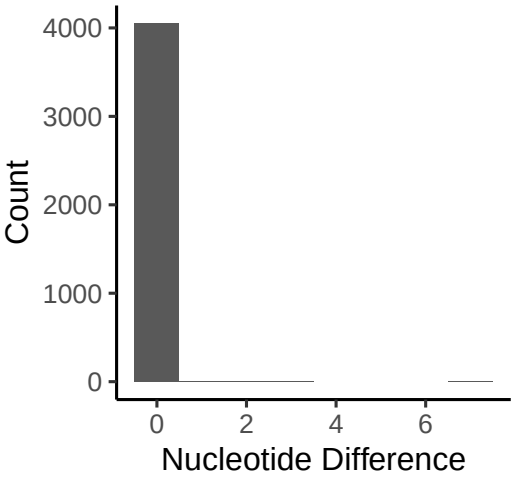
TRBV23−1*ap01

720 sequences assigned
713 (99%) exact matches, in which:
712 unique CDR3
13 unique J



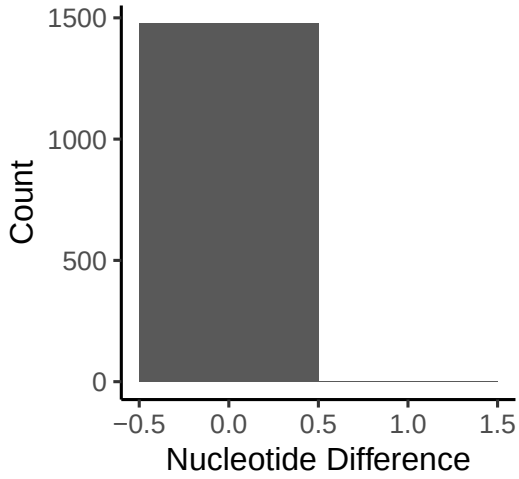
TRBV3−12*ap01

4065 sequences assigned
4051 (99.7%) exact matches, in which:
4051 unique CDR3
13 unique J



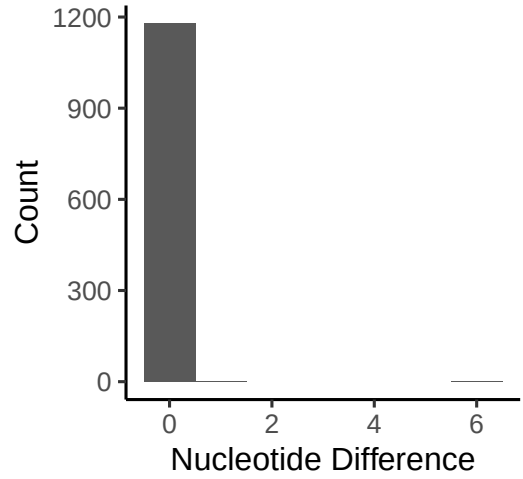
TRBV4−2*ap01

1481 sequences assigned
1477 (99.7%) exact matches, in which:
1476 unique CDR3
13 unique J



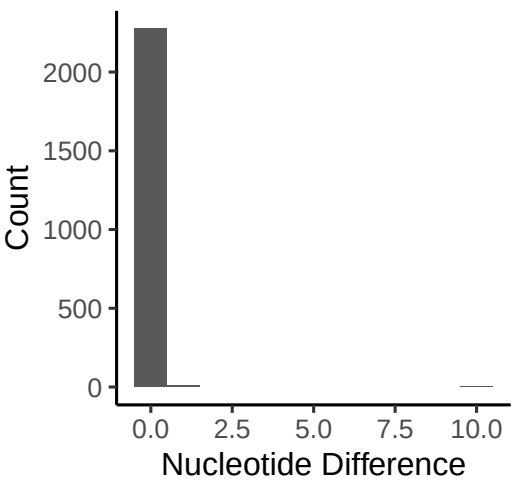
TRBV25−1*ap01

1183 sequences assigned
1179 (99.7%) exact matches, in which:
1173 unique CDR3
13 unique J



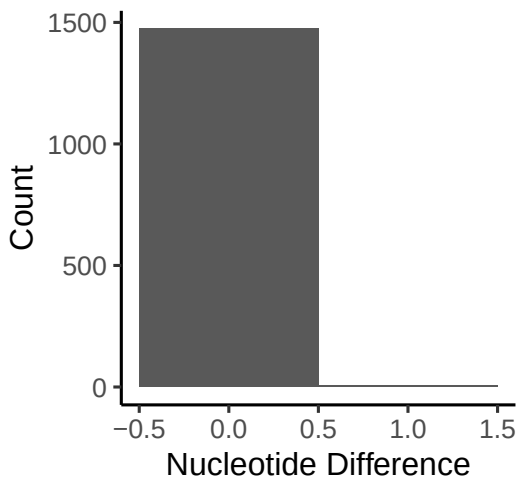
TRBV4−1*ap01

2283 sequences assigned
2275 (99.6%) exact matches, in which:
2274 unique CDR3
13 unique J



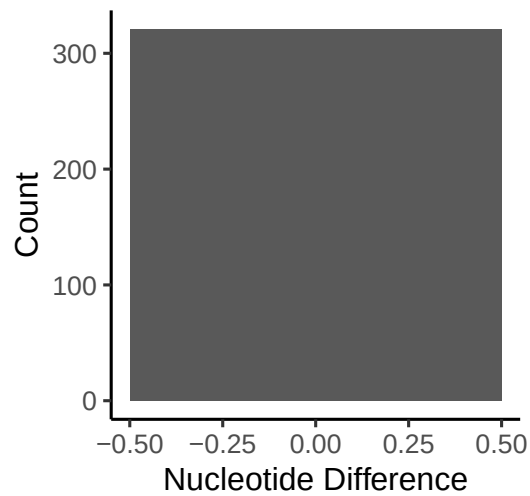
TRBV4−3*ap01

1479 sequences assigned
1474 (99.7%) exact matches, in which:
1470 unique CDR3
12 unique J



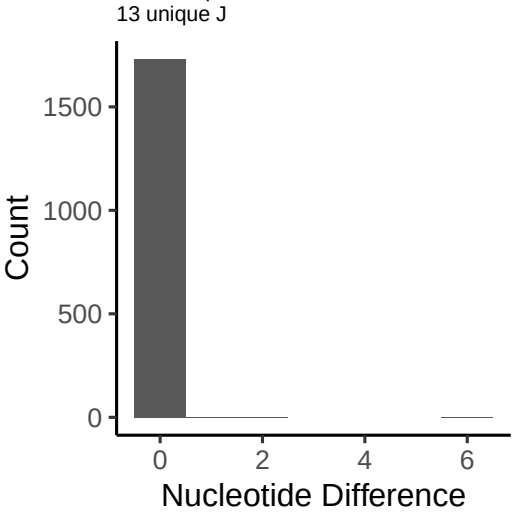
TRBV5−3*ap01

321 sequences assigned
321 (100%) exact matches, in which:
320 unique CDR3
13 unique J



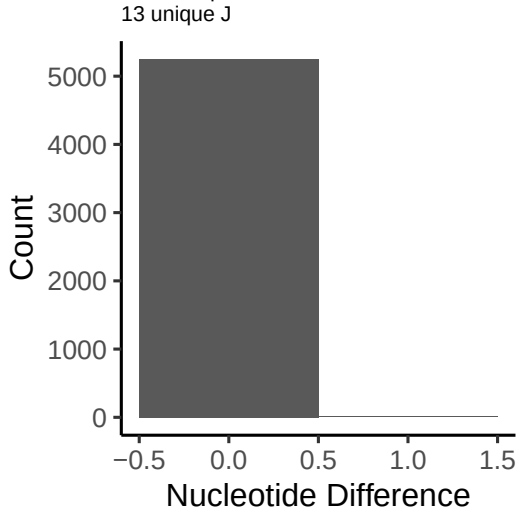
TRBV24−1*ap01

1738 sequences assigned
1731 (99.6%) exact matches, in which:
1730 unique CDR3
13 unique J



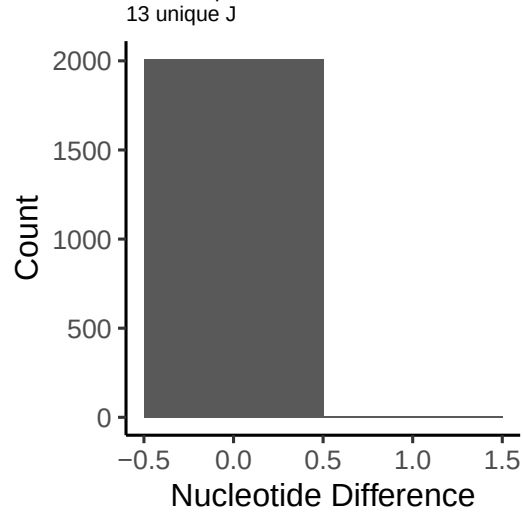
TRBV5−1*ap01

5263 sequences assigned
5251 (99.8%) exact matches, in which:
5227 unique CDR3
13 unique J



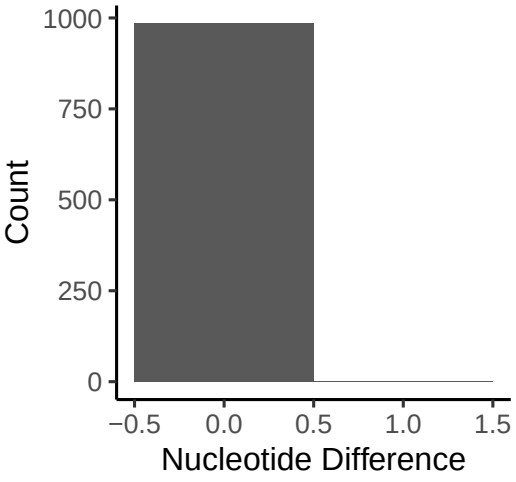
TRBV5−4*ap01

2016 sequences assigned
2010 (99.7%) exact matches, in which:
2008 unique CDR3
13 unique J



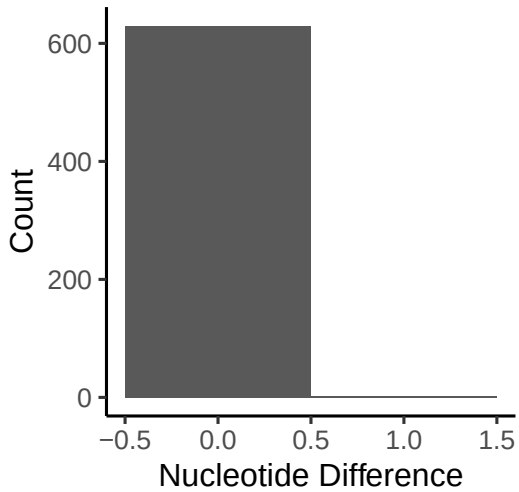
TRBV5−5*ap01

987 sequences assigned
985 (99.8%) exact matches, in which:
983 unique CDR3
13 unique J



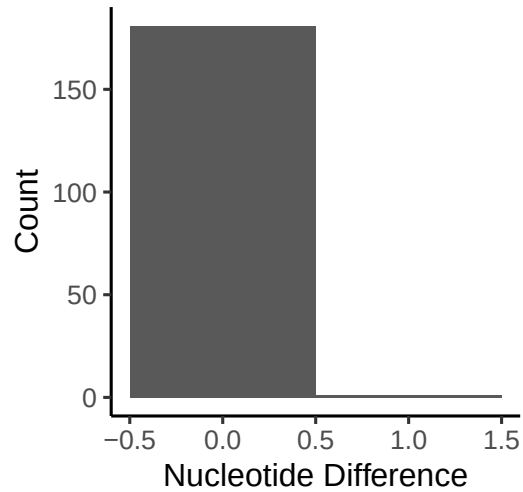
TRBV5−8*ap01

633 sequences assigned
630 (99.5%) exact matches, in which:
630 unique CDR3
13 unique J



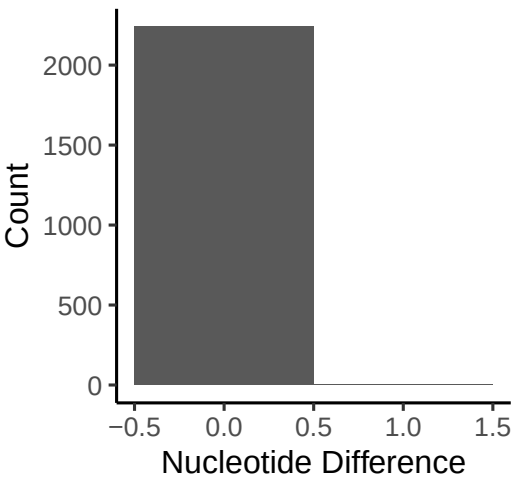
TRBV6−7*ap01

182 sequences assigned
181 (99.5%) exact matches, in which:
181 unique CDR3
13 unique J



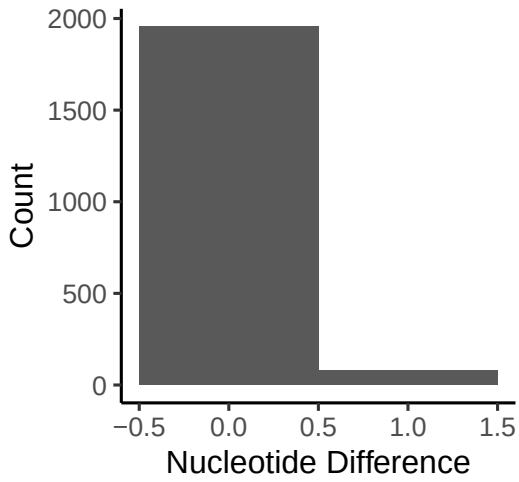
TRBV5−6*ap01

2246 sequences assigned
2240 (99.7%) exact matches, in which:
2236 unique CDR3
13 unique J



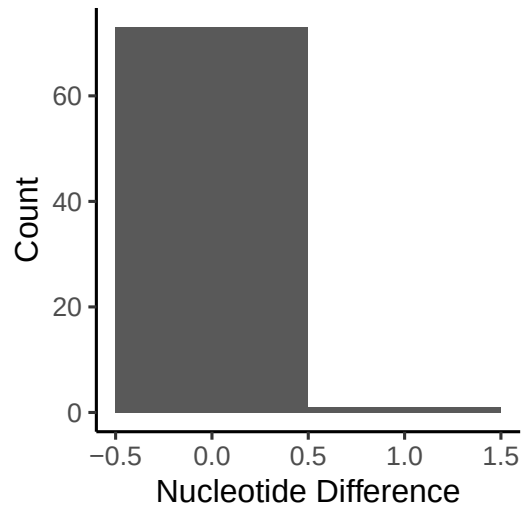
TRBV6−1*ap01

2033 sequences assigned
1955 (96.2%) exact matches, in which:
1951 unique CDR3
13 unique J



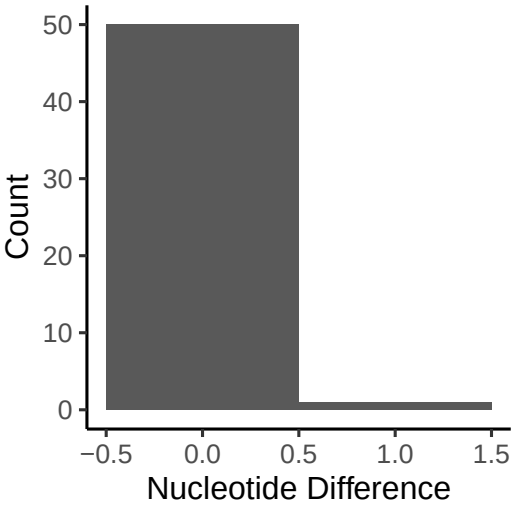
TRBV6−8*ap01

74 sequences assigned
73 (98.6%) exact matches, in which:
73 unique CDR3
13 unique J



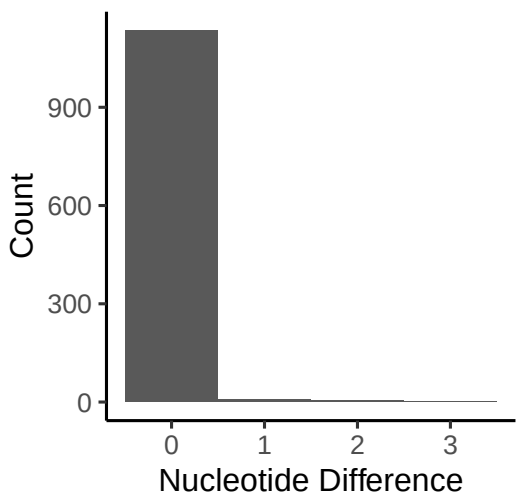
TRBV5−7*ap01

51 sequences assigned
50 (98%) exact matches, in which:
50 unique CDR3
12 unique J



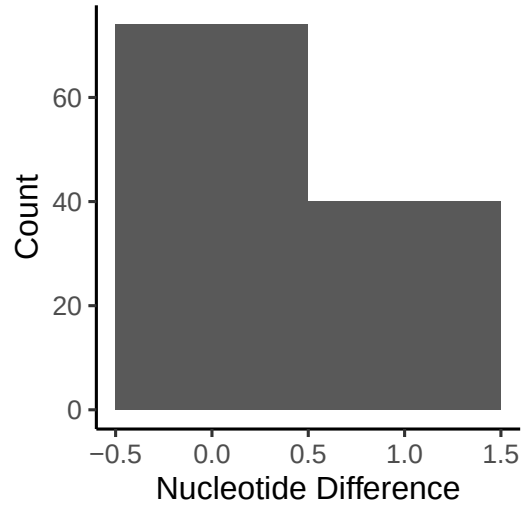
TRBV6−4*ap01

1150 sequences assigned
1135 (98.7%) exact matches, in which:
1132 unique CDR3
13 unique J



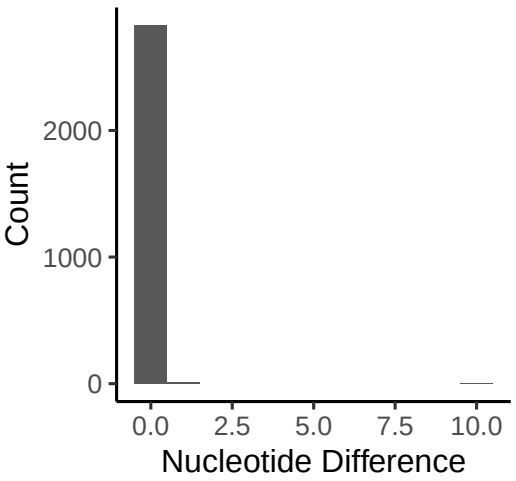
TRBV6−9*ap01

114 sequences assigned
74 (64.9%) exact matches, in which:
73 unique CDR3
13 unique J



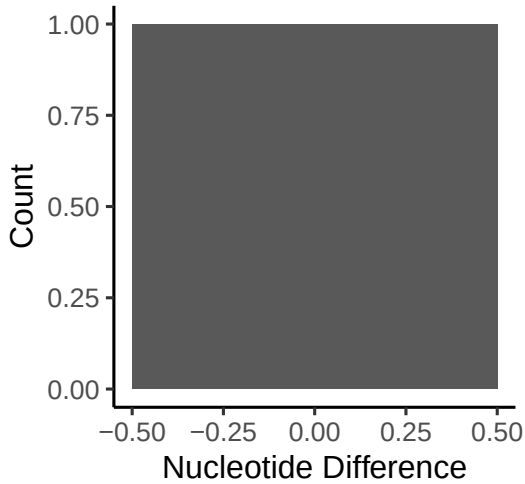
TRBV6−23*ap01

2841 sequences assigned
2830 (99.6%) exact matches, in which:
2825 unique CDR3
13 unique J



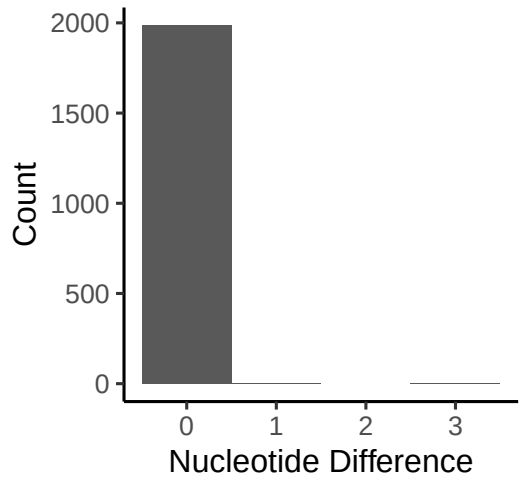
TRBV7−1*ap01

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



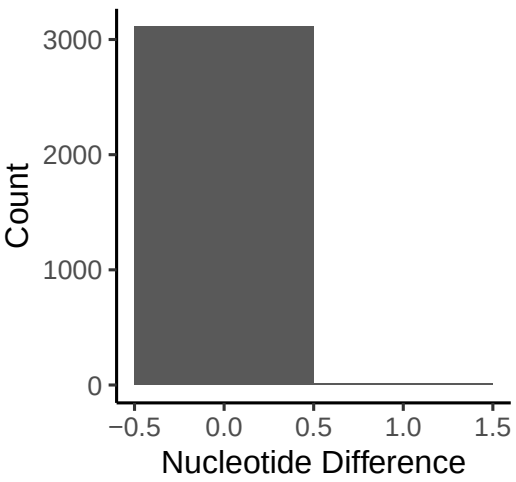
TRBV7−3*ap01

1992 sequences assigned
1986 (99.7%) exact matches, in which:
1979 unique CDR3
13 unique J



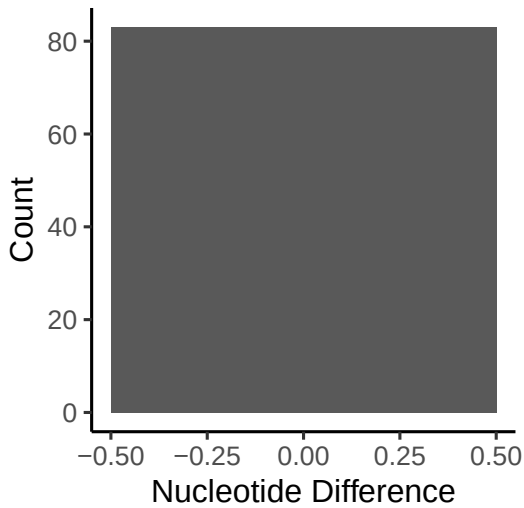
TRBV6−56*ap01

3127 sequences assigned
3111 (99.5%) exact matches, in which:
3104 unique CDR3
14 unique J



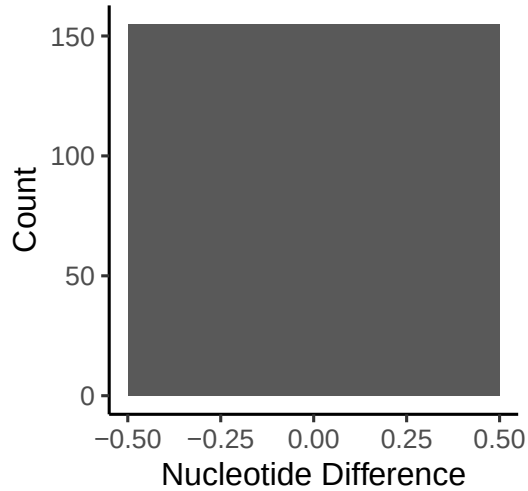
TRBV7−1*ap01_G291C_T

83 sequences assigned
83 (100%) exact matches, in which:
83 unique CDR3
13 unique J



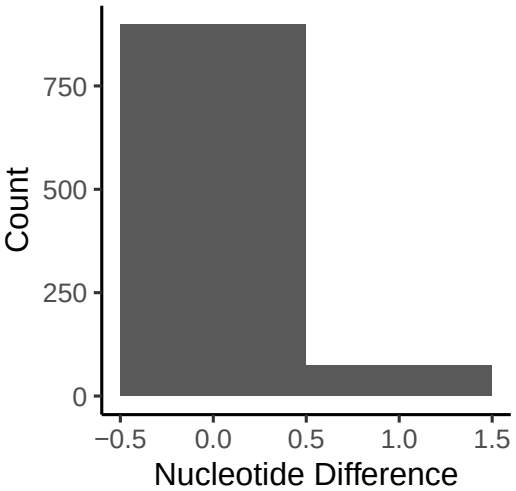
TRBV7−4*ap01

155 sequences assigned
155 (100%) exact matches, in which:
155 unique CDR3
13 unique J



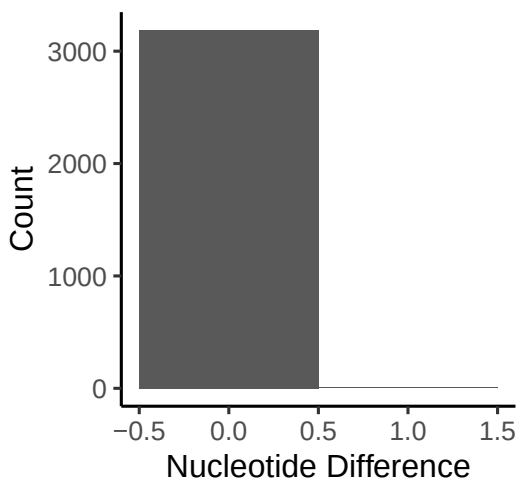
TRBV6−56*ap02

973 sequences assigned
899 (92.4%) exact matches, in which:
899 unique CDR3
13 unique J



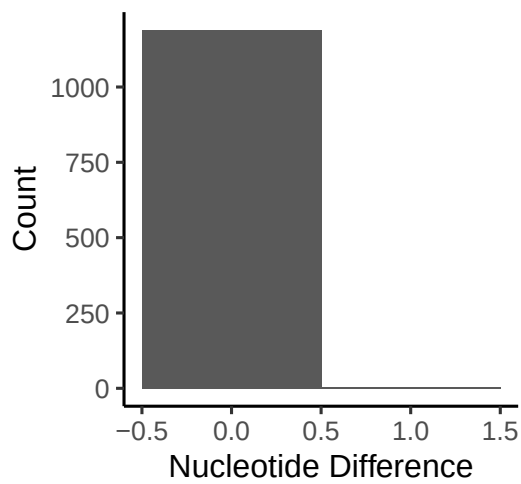
TRBV7−2*ap01

3196 sequences assigned
3188 (99.7%) exact matches, in which:
3186 unique CDR3
13 unique J



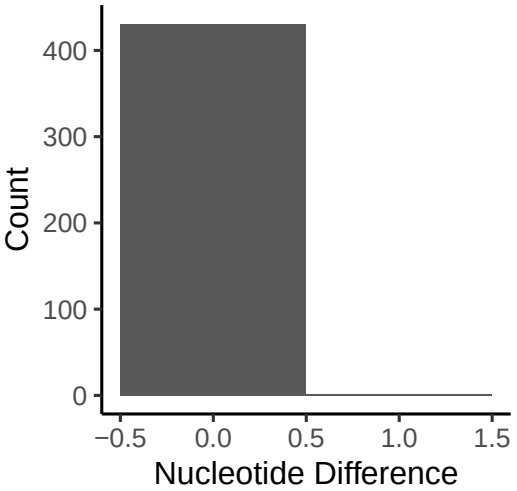
TRBV7−6*ap01

1194 sequences assigned
1189 (99.6%) exact matches, in which:
1188 unique CDR3
13 unique J



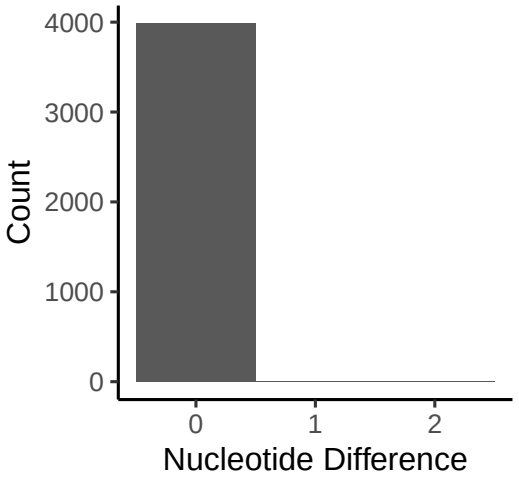
TRBV7−7*ap01_C315T

433 sequences assigned
431 (99.5%) exact matches, in which:
430 unique CDR3
13 unique J



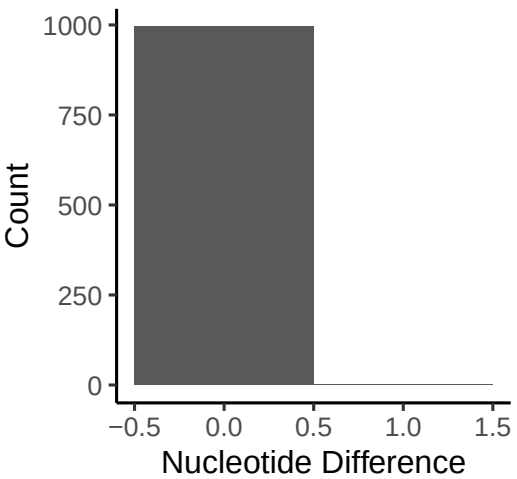
TRBV7−9*ap01

3997 sequences assigned
3986 (99.7%) exact matches, in which:
3983 unique CDR3
13 unique J



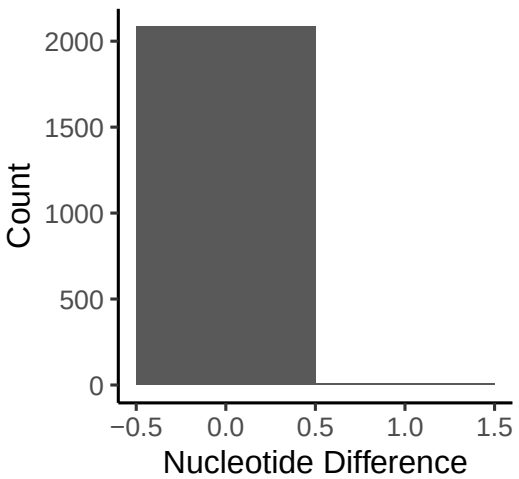
TRBV7−8*ap01

996 sequences assigned
995 (99.9%) exact matches, in which:
995 unique CDR3
13 unique J



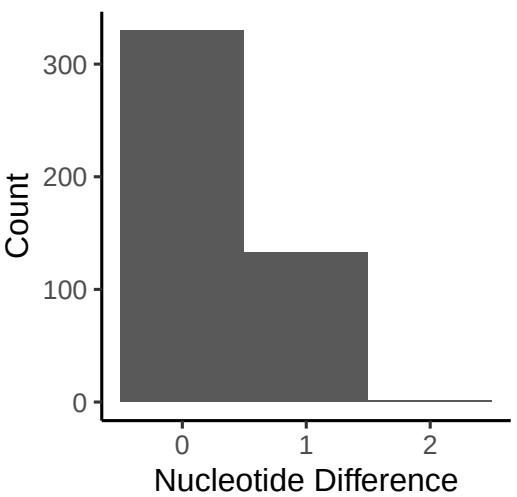
TRBV29−1*ap01

2094 sequences assigned
2084 (99.5%) exact matches, in which:
2077 unique CDR3
13 unique J



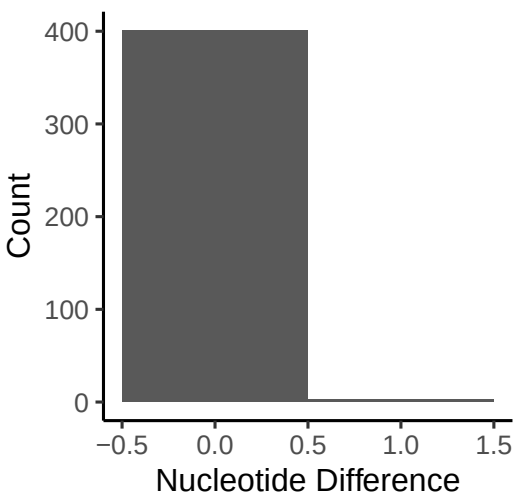
TRBV7−8*ap03

464 sequences assigned
330 (71.1%) exact matches, in which:
329 unique CDR3
13 unique J

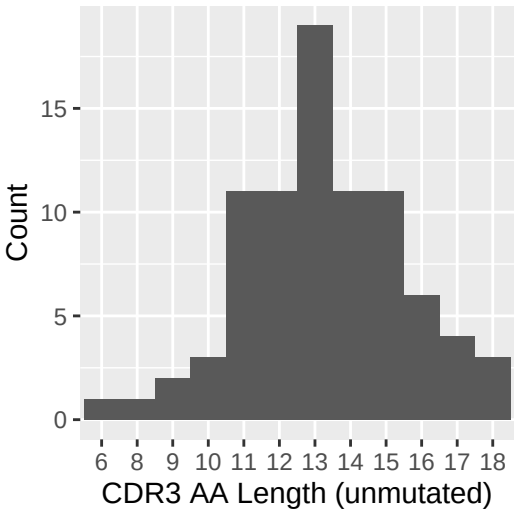


TRBV29−1*ap02

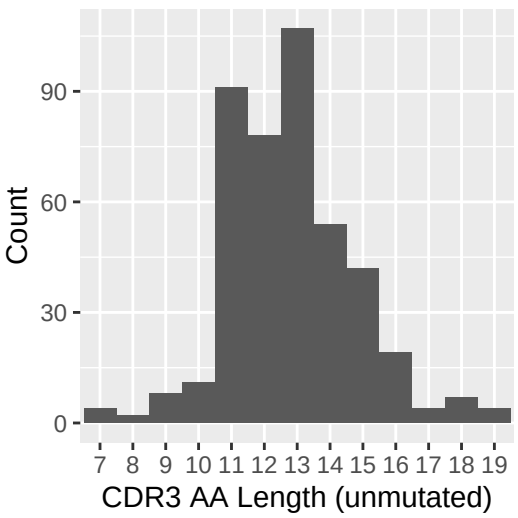
404 sequences assigned
401 (99.3%) exact matches, in which:
399 unique CDR3
13 unique J



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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TRBJ2−2
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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.