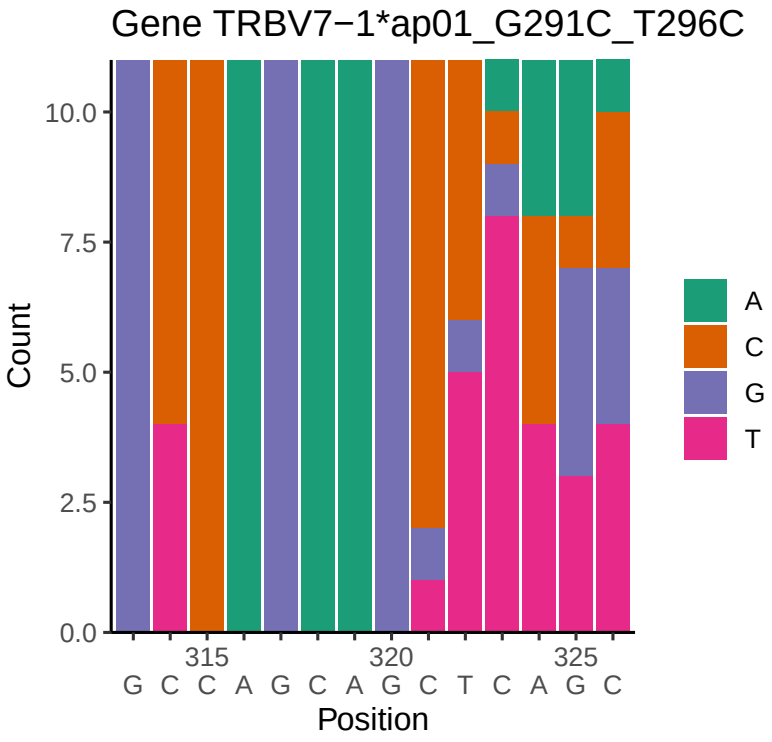
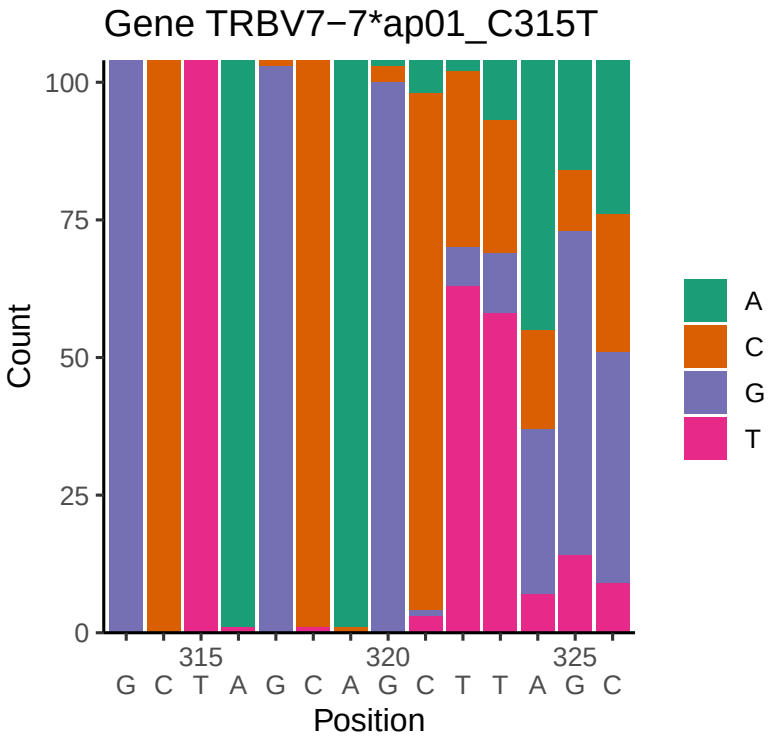
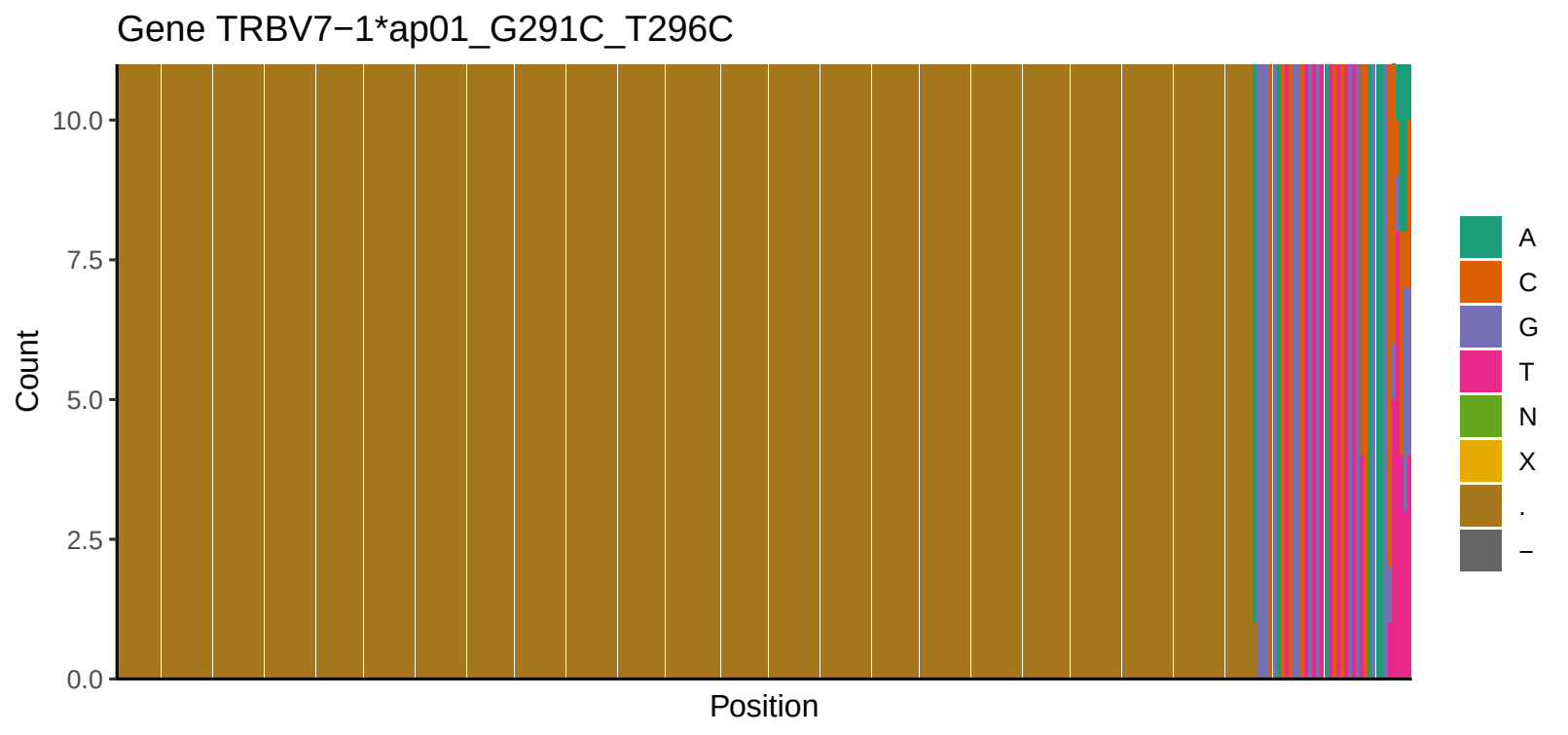
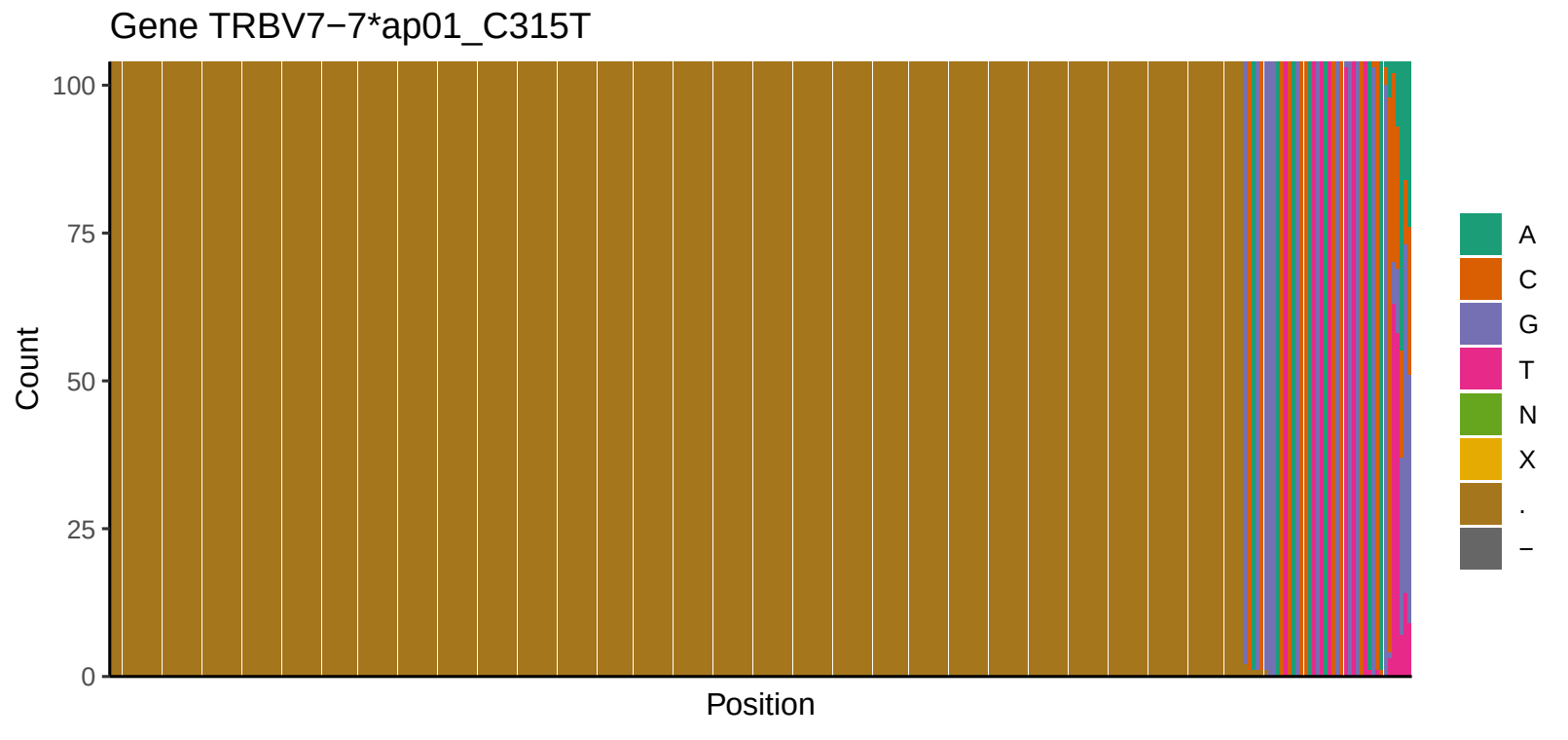
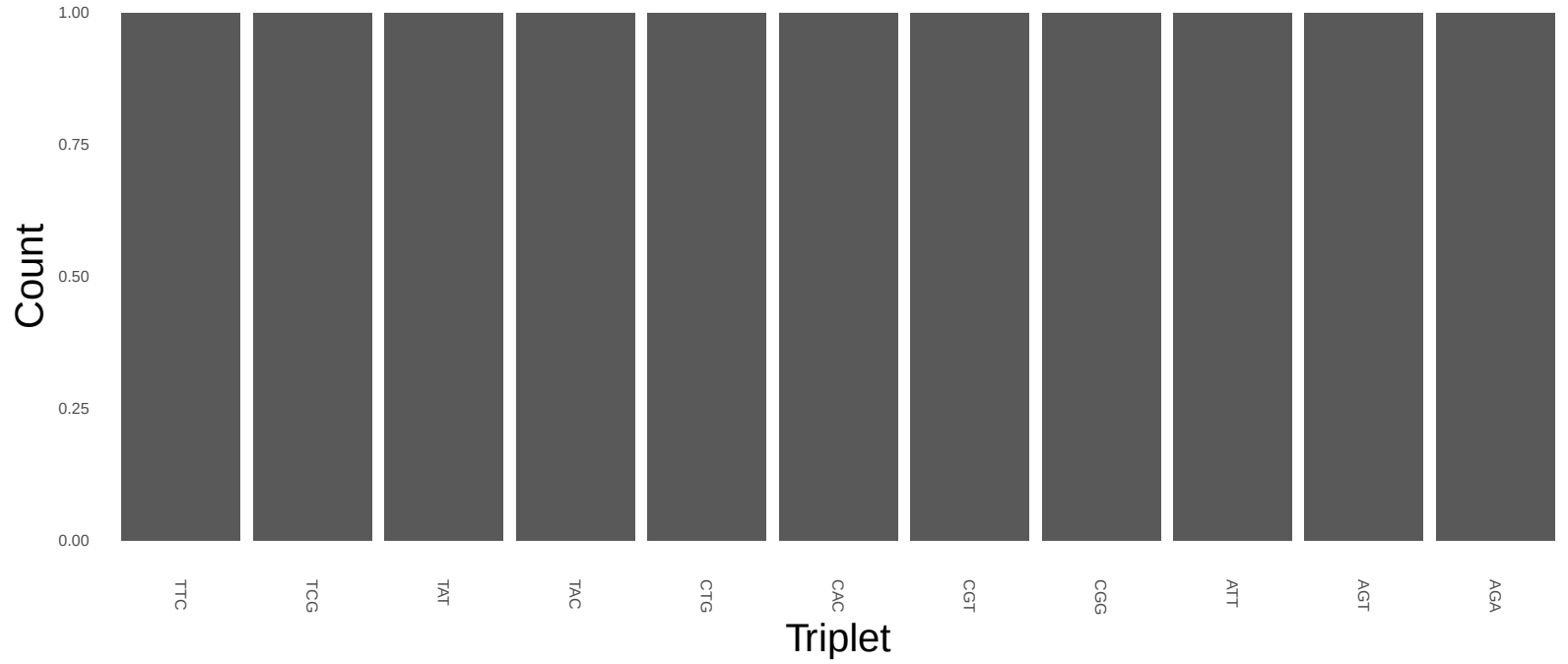

Gene TRBV7−1*ap01_G291C_T296C
Count
10.0
7.5
5.0
2.5
0.0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
100
75
50
25
0
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

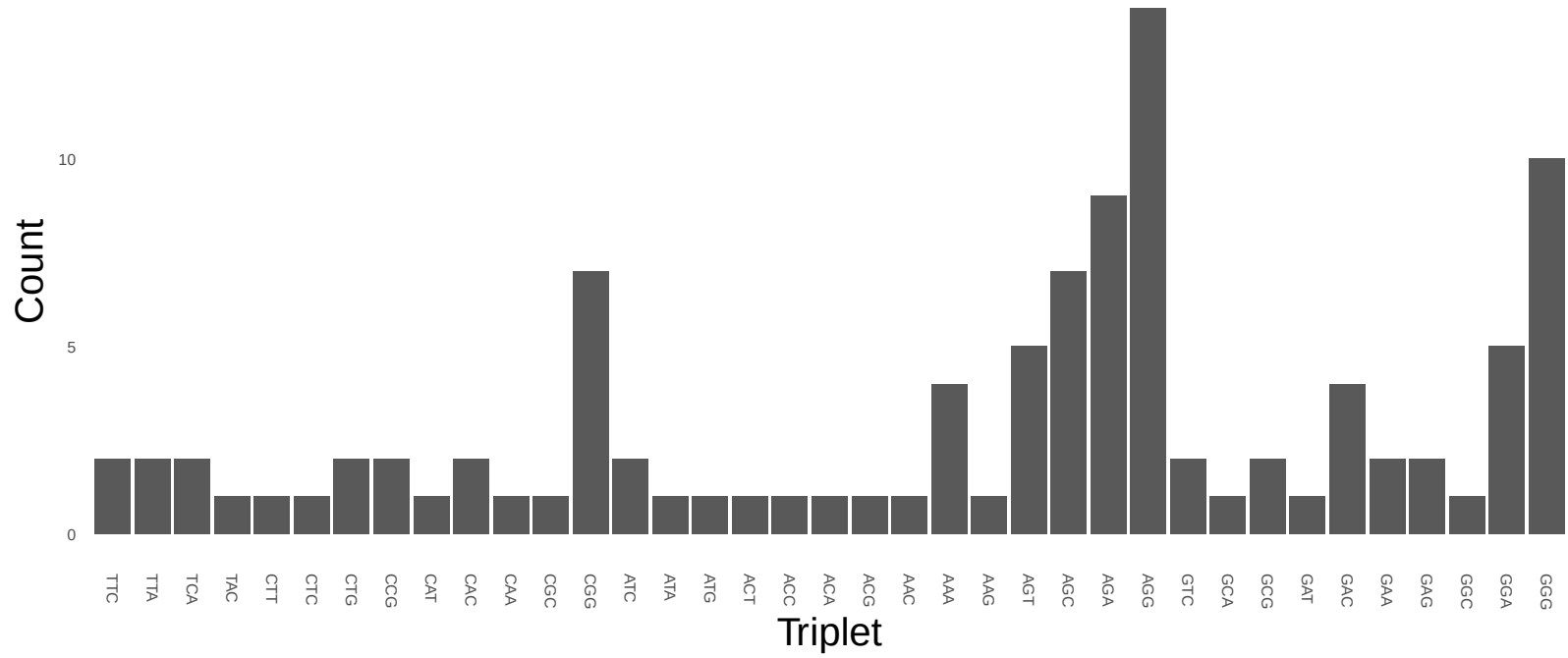

Gene TRBV7−1*ap01_G291C_T296C
Count
10.0
7.5
5.0
2.5
0.0
Position
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
Count
100
75
50
25
0
Position
A
C
G
T
N
X
.
–

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

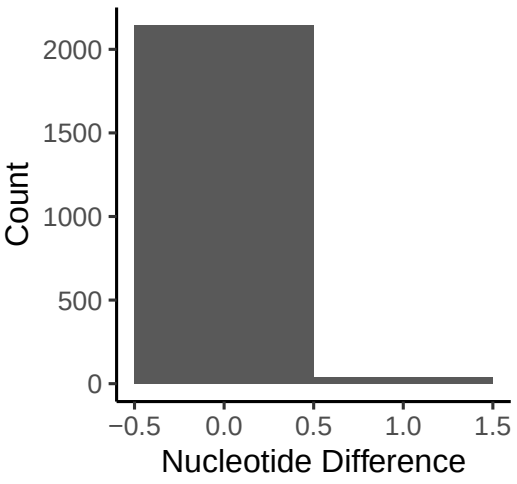


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



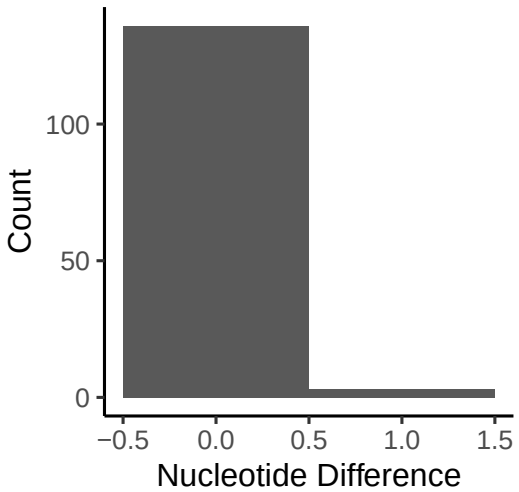
TRBV20−1*ap01

2181 sequences assigned
2143 (98.3%) exact matches, in which:
2114 unique CDR3
13 unique J



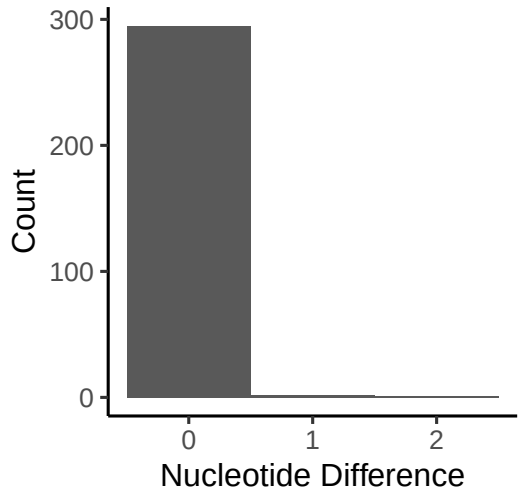
TRBV10−2*ap01

139 sequences assigned
136 (97.8%) exact matches, in which:
133 unique CDR3
12 unique J



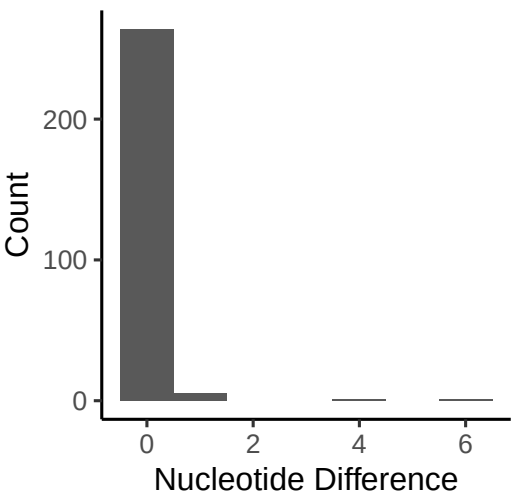
TRBV13*ap01

298 sequences assigned
295 (99%) exact matches, in which:
288 unique CDR3
13 unique J



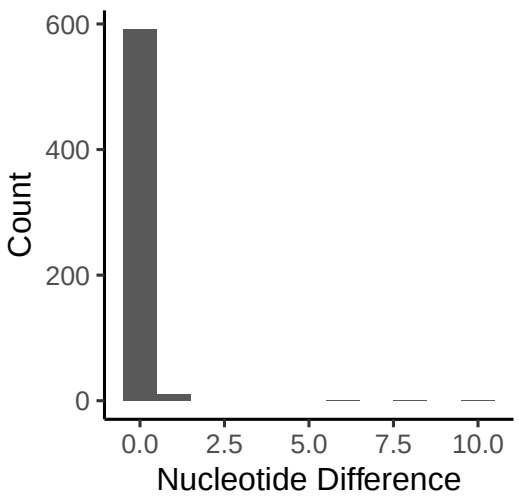
TRBV10−1*ap01

271 sequences assigned
264 (97.4%) exact matches, in which:
263 unique CDR3
13 unique J



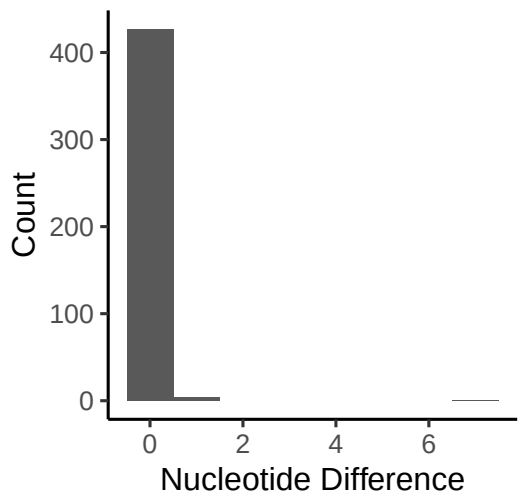
TRBV10−3*ap01

606 sequences assigned
592 (97.7%) exact matches, in which:
583 unique CDR3
13 unique J



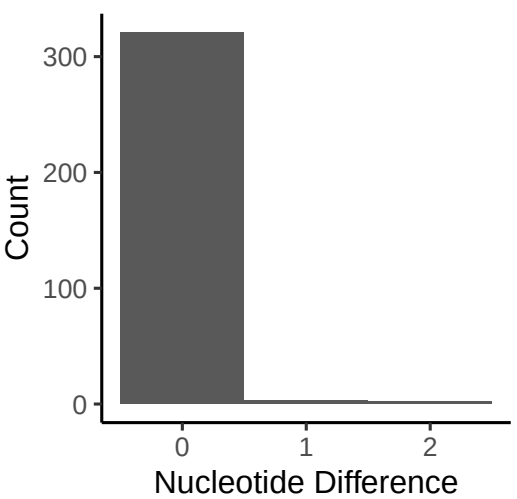
TRBV14*ap01

432 sequences assigned
427 (98.8%) exact matches, in which:
425 unique CDR3
13 unique J



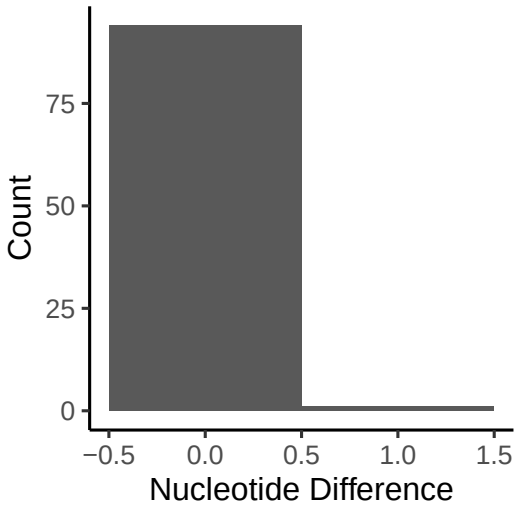
TRBV20−1*ap02

326 sequences assigned
321 (98.5%) exact matches, in which:
315 unique CDR3
13 unique J



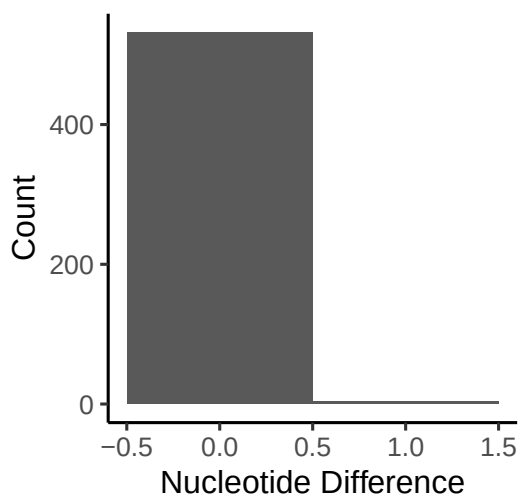
TRBV1*ap01

95 sequences assigned
94 (98.9%) exact matches, in which:
93 unique CDR3
10 unique J



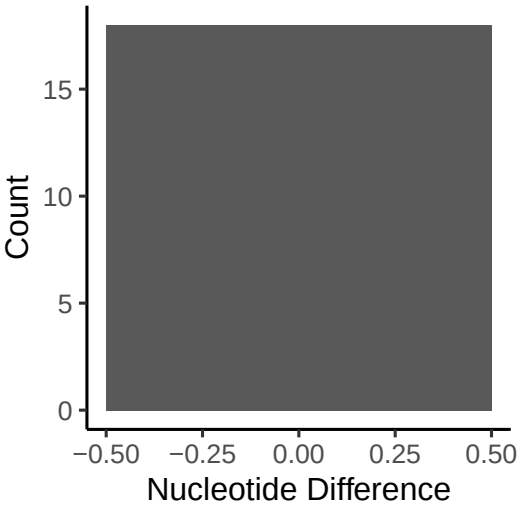
TRBV15*ap02

536 sequences assigned
532 (99.3%) exact matches, in which:
525 unique CDR3
13 unique J



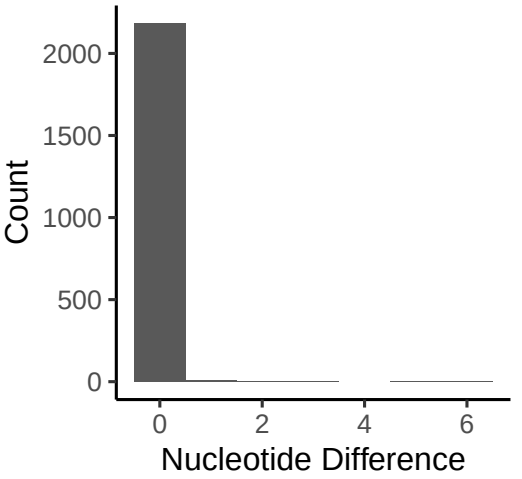
TRBV16*ap01

18 sequences assigned
18 (100%) exact matches, in which:
18 unique CDR3
9 unique J



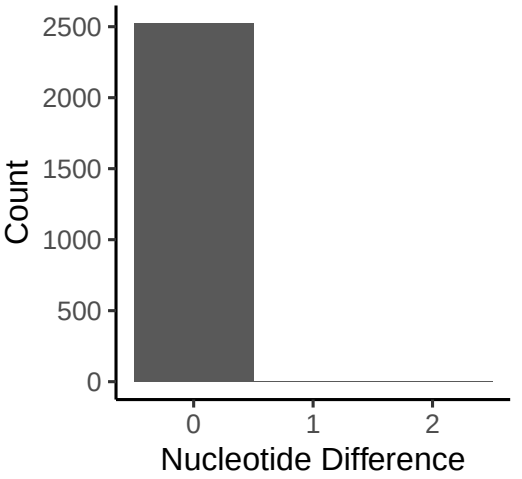
TRBV19*ap01

2202 sequences assigned
2183 (99.1%) exact matches, in which:
2162 unique CDR3
13 unique J



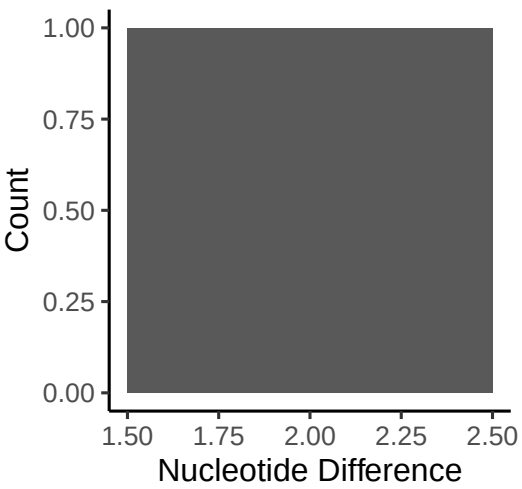
TRBV28*ap01

2532 sequences assigned
2523 (99.6%) exact matches, in which:
2503 unique CDR3
13 unique J



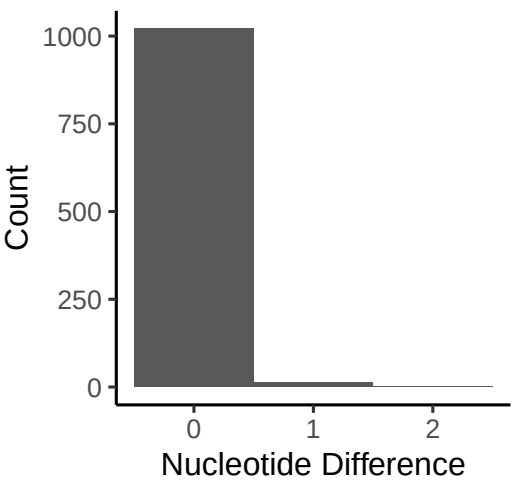
TRBV17*ap01

1 sequences assigned
No exact matches.



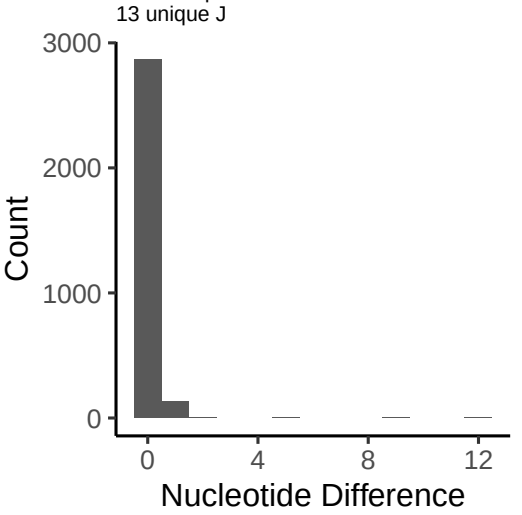
TRBV2*ap01

1036 sequences assigned
1021 (98.6%) exact matches, in which:
1013 unique CDR3
13 unique J



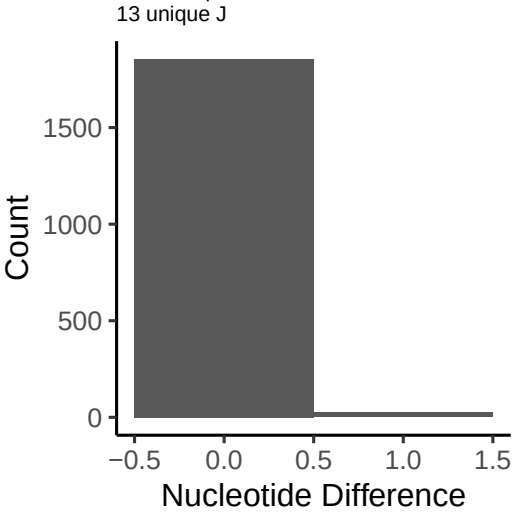
TRBV30*ap01

3005 sequences assigned
2865 (95.3%) exact matches, in which:
2770 unique CDR3
13 unique J



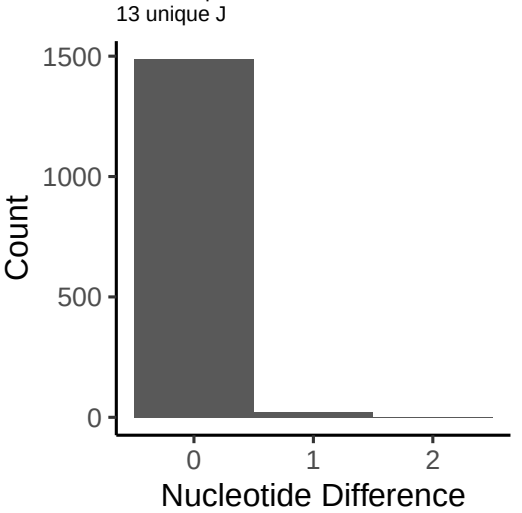
TRBV18*ap01

1880 sequences assigned
1855 (98.7%) exact matches, in which:
1827 unique CDR3
13 unique J



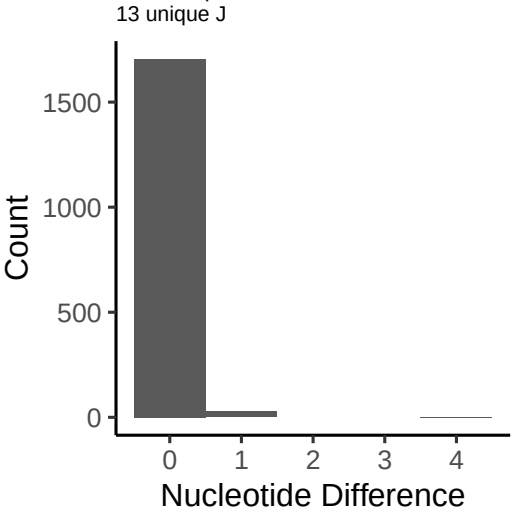
TRBV27*ap01

1511 sequences assigned
1488 (98.5%) exact matches, in which:
1476 unique CDR3
13 unique J



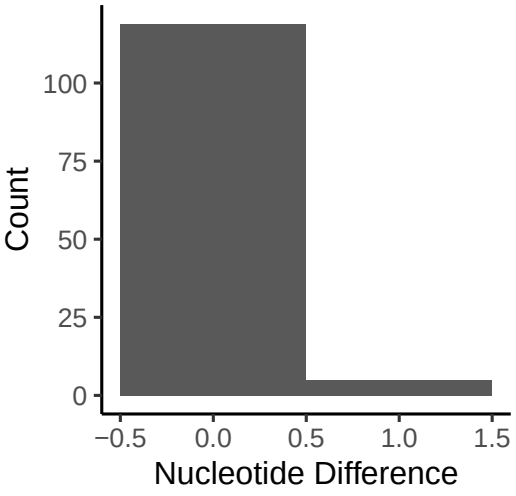
TRBV9*ap01

1733 sequences assigned
1705 (98.4%) exact matches, in which:
1696 unique CDR3
13 unique J



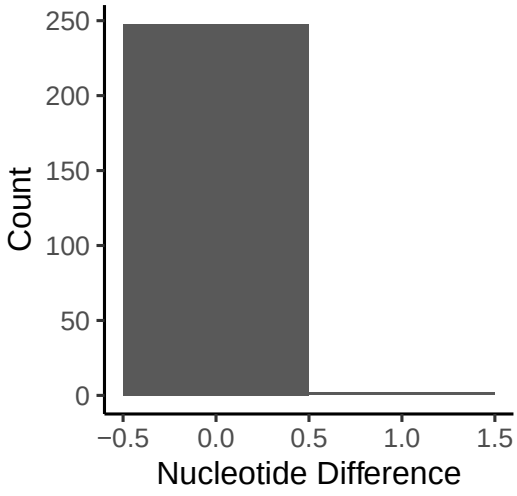
TRBV21−1*ap01

124 sequences assigned
119 (96%) exact matches, in which:
118 unique CDR3
13 unique J



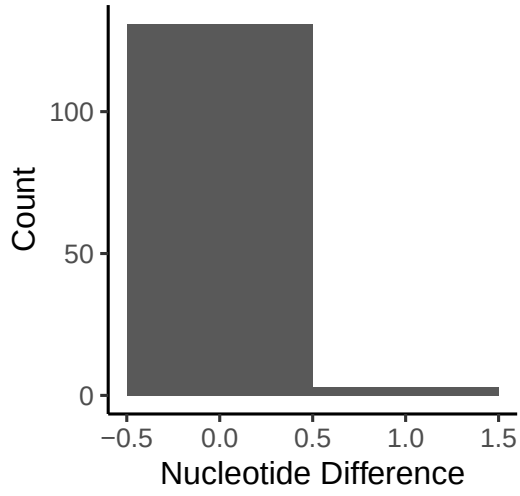
TRBV11−3*ap01

250 sequences assigned
248 (99.2%) exact matches, in which:
246 unique CDR3
13 unique J



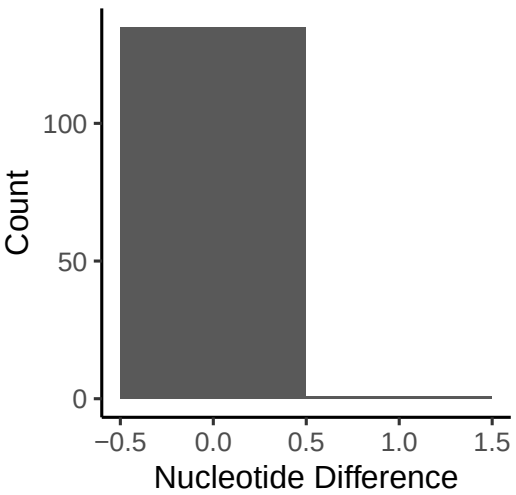
TRBV12−5*ap01

134 sequences assigned
131 (97.8%) exact matches, in which:
129 unique CDR3
13 unique J



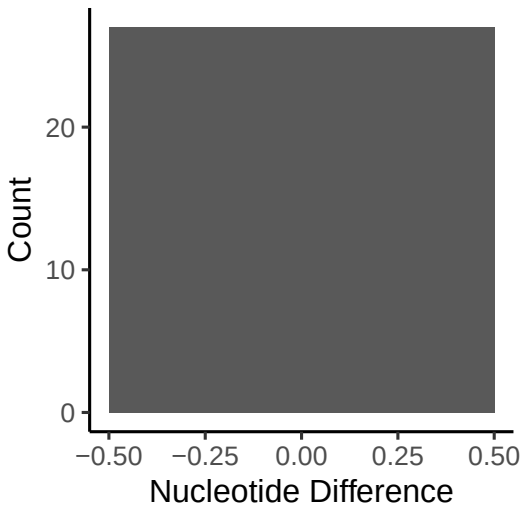
TRBV11−1*ap01

136 sequences assigned
135 (99.3%) exact matches, in which:
134 unique CDR3
12 unique J



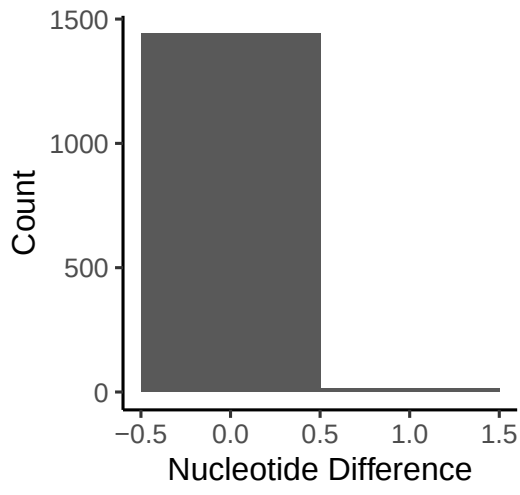
TRBV12−1*ap01

27 sequences assigned
27 (100%) exact matches, in which:
27 unique CDR3
9 unique J



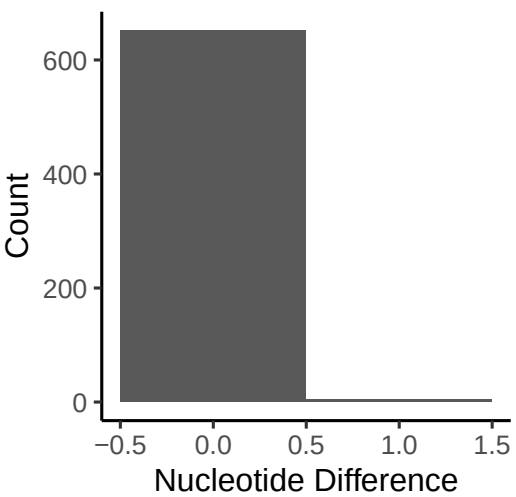
TRBV12−34*ap01

1454 sequences assigned
1441 (99.1%) exact matches, in which:
1429 unique CDR3
13 unique J



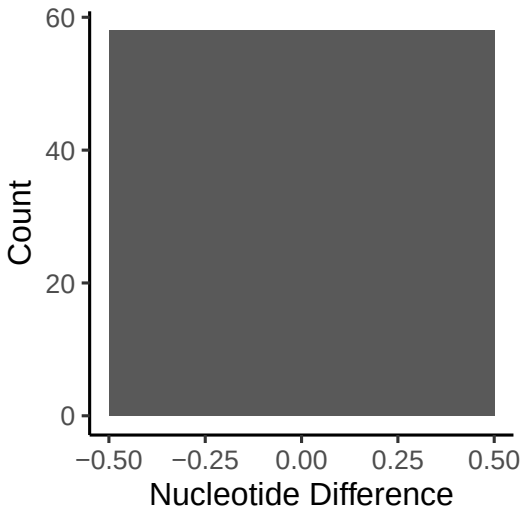
TRBV11−2*ap01

656 sequences assigned
652 (99.4%) exact matches, in which:
646 unique CDR3
13 unique J



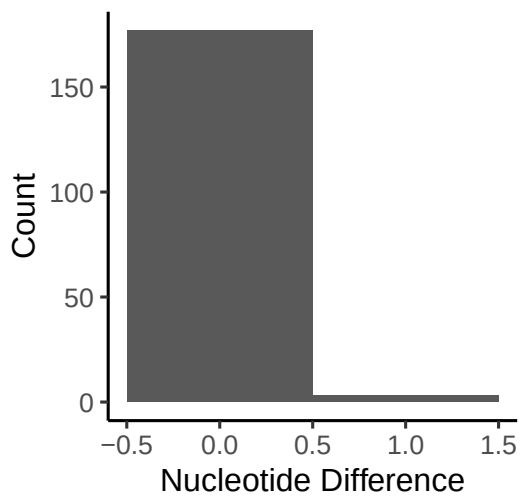
TRBV12−2*ap01

58 sequences assigned
58 (100%) exact matches, in which:
58 unique CDR3
12 unique J



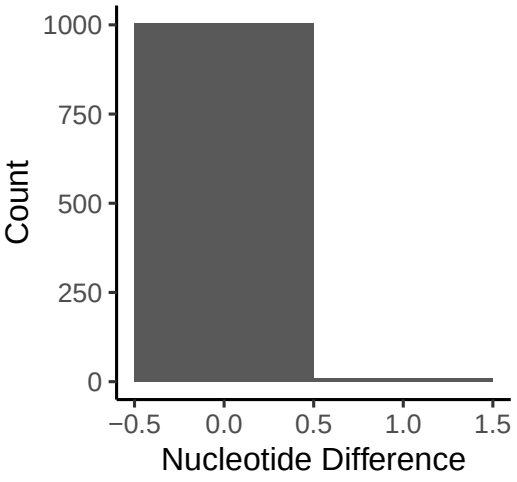
TRBV23−1*ap01

180 sequences assigned
177 (98.3%) exact matches, in which:
176 unique CDR3
12 unique J



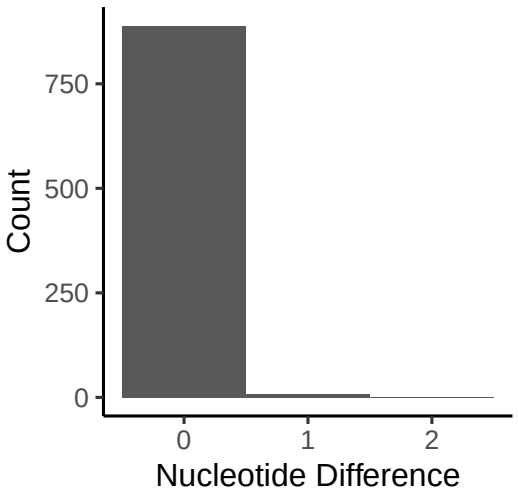
TRBV3−12*ap01

1015 sequences assigned
1004 (98.9%) exact matches, in which:
1000 unique CDR3
13 unique J



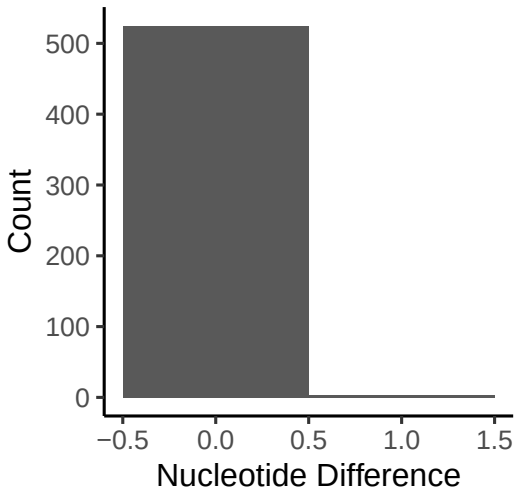
TRBV4−2*ap01

898 sequences assigned
889 (99%) exact matches, in which:
879 unique CDR3
13 unique J



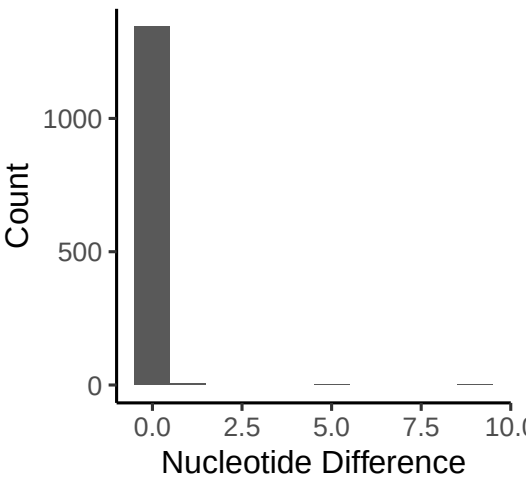
TRBV25−1*ap01

528 sequences assigned
525 (99.4%) exact matches, in which:
524 unique CDR3
13 unique J



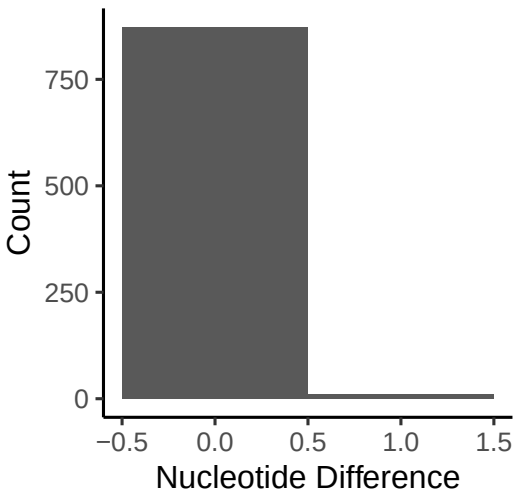
TRBV4−1*ap01

1351 sequences assigned
1344 (99.5%) exact matches, in which:
1330 unique CDR3
13 unique J



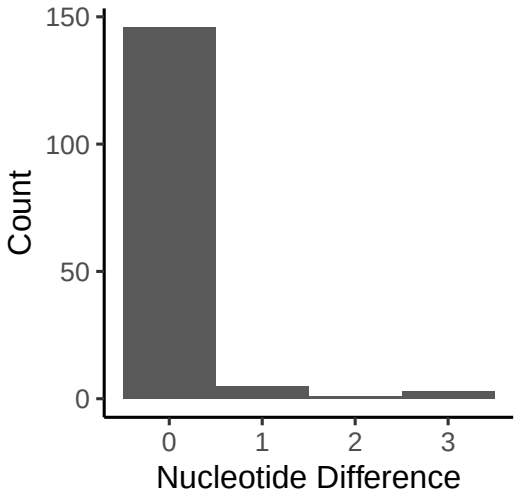
TRBV4−3*ap01

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



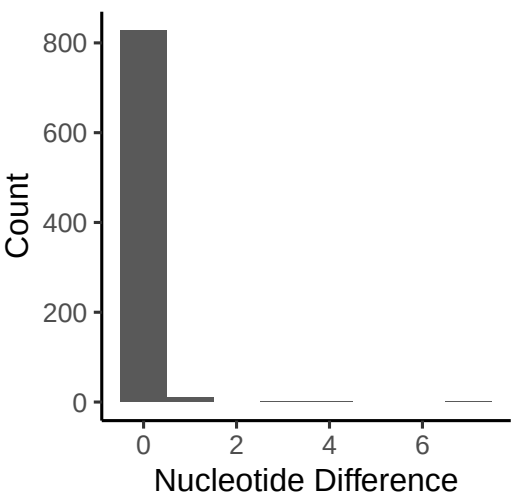
TRBV5−3*ap01

155 sequences assigned
146 (94.2%) exact matches, in which:
144 unique CDR3
12 unique J



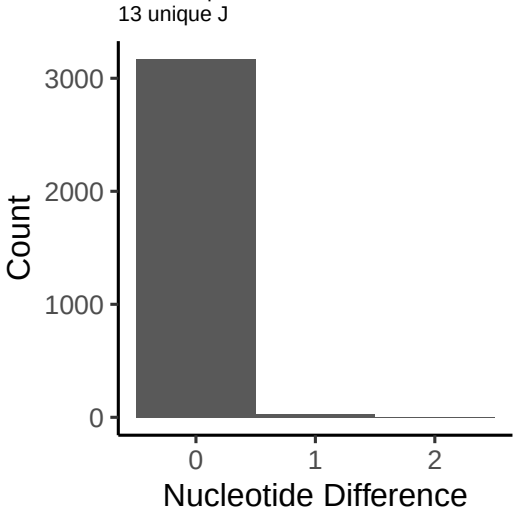
TRBV24−1*ap01

841 sequences assigned
828 (98.5%) exact matches, in which:
822 unique CDR3
13 unique J



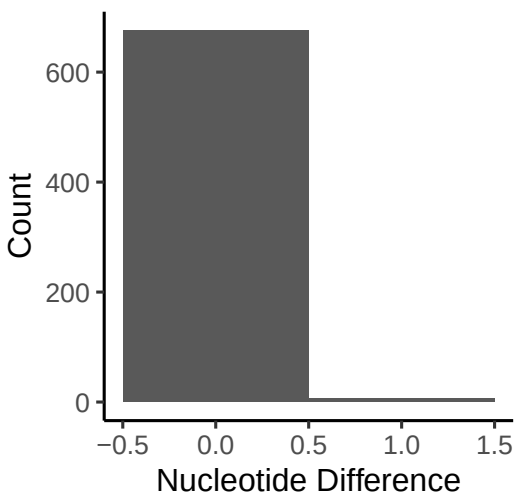
TRBV5−1*ap01

3202 sequences assigned
3170 (99%) exact matches, in which:
3126 unique CDR3
13 unique J



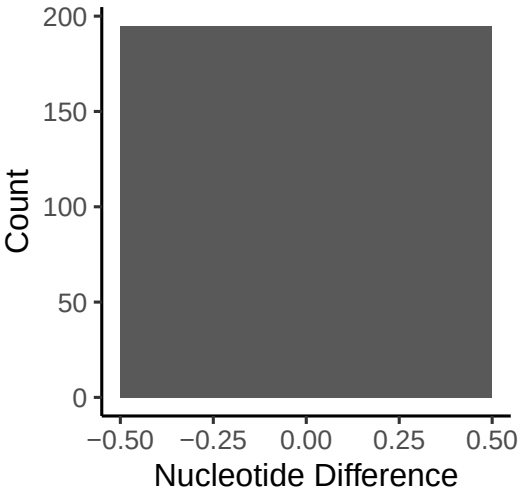
TRBV5−4*ap01

683 sequences assigned
676 (99%) exact matches, in which:
672 unique CDR3
13 unique J



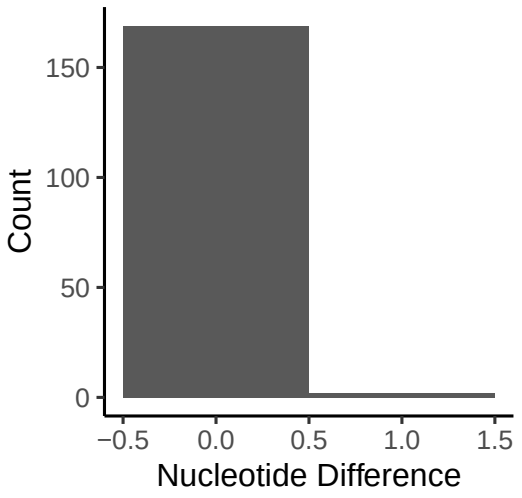
TRBV5−5*ap01

195 sequences assigned
195 (100%) exact matches, in which:
193 unique CDR3
13 unique J



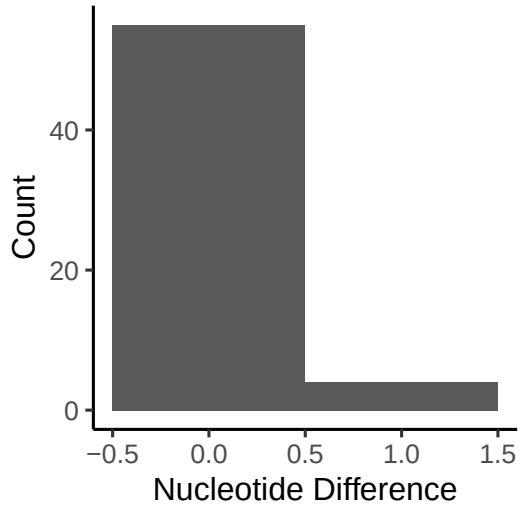
TRBV5−8*ap01

171 sequences assigned
169 (98.8%) exact matches, in which:
168 unique CDR3
13 unique J



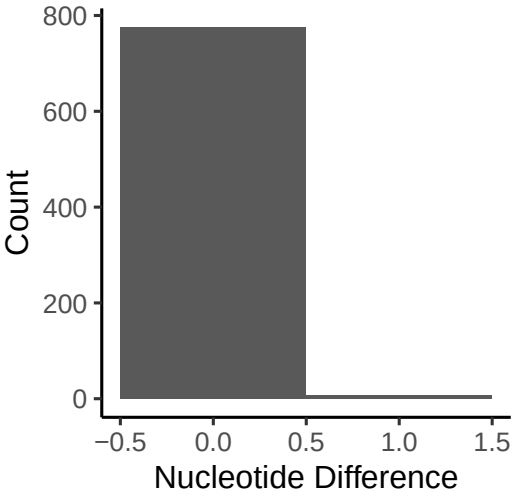
TRBV6−7*ap01

59 sequences assigned
55 (93.2%) exact matches, in which:
55 unique CDR3
10 unique J



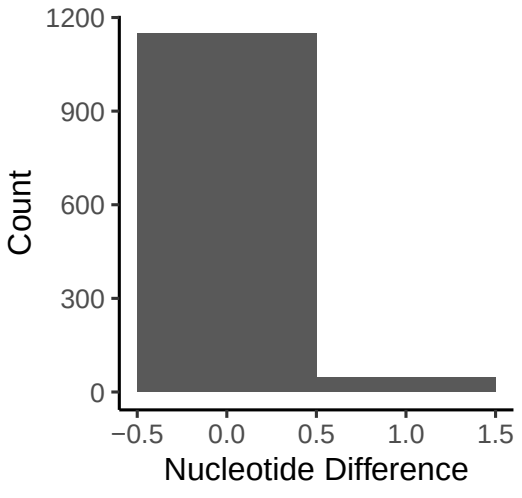
TRBV5−6*ap01

783 sequences assigned
776 (99.1%) exact matches, in which:
761 unique CDR3
13 unique J



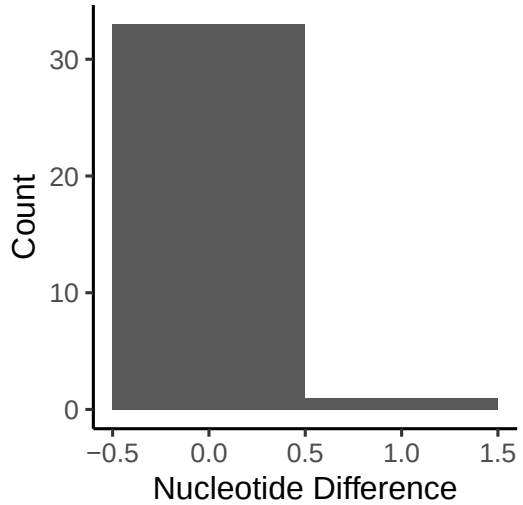
TRBV6−1*ap01

1195 sequences assigned
1148 (96.1%) exact matches, in which:
1132 unique CDR3
13 unique J



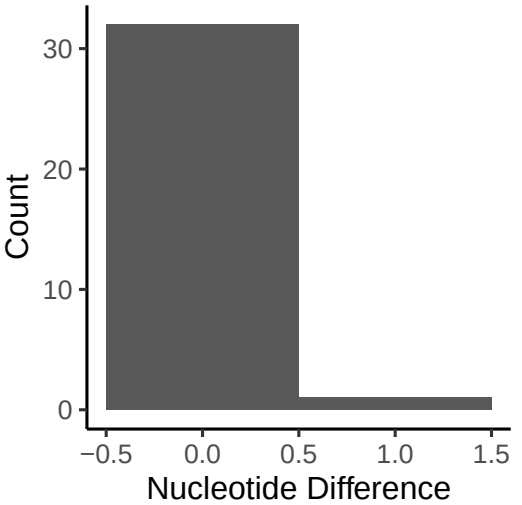
TRBV6−8*ap01

34 sequences assigned
33 (97.1%) exact matches, in which:
31 unique CDR3
10 unique J



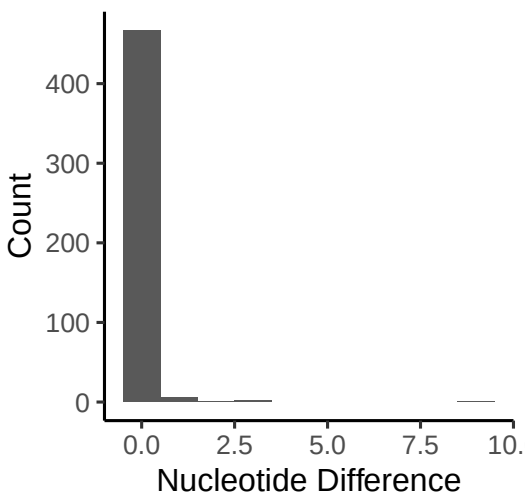
TRBV5−7*ap01

33 sequences assigned
32 (97%) exact matches, in which:
31 unique CDR3
8 unique J



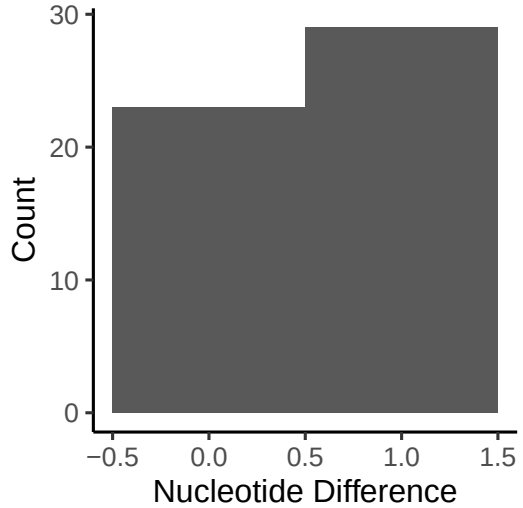
TRBV6−4*ap01

477 sequences assigned
467 (97.9%) exact matches, in which:
462 unique CDR3
13 unique J



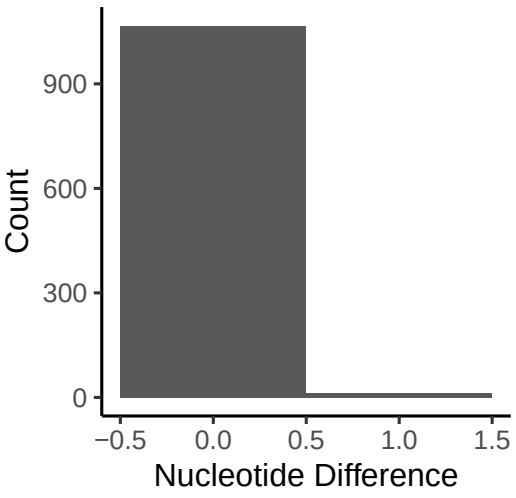
TRBV6−9*ap01

52 sequences assigned
23 (44.2%) exact matches, in which:
23 unique CDR3
10 unique J



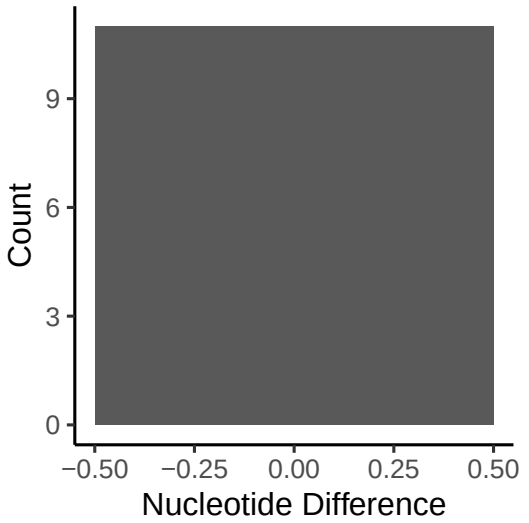
TRBV6−23*ap01

1080 sequences assigned
1067 (98.8%) exact matches, in which:
1052 unique CDR3
13 unique J



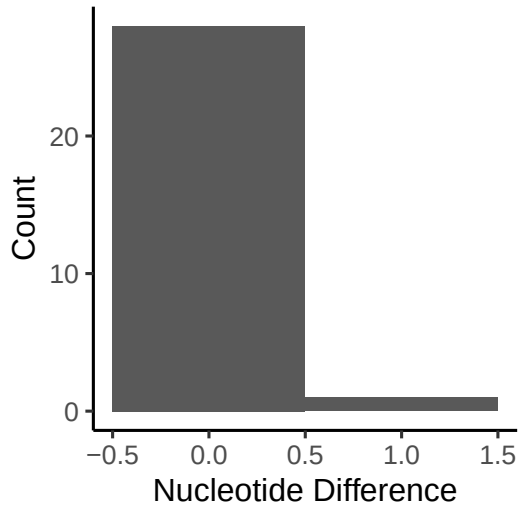
TRBV7−1*ap01_G291C_T2

11 sequences assigned
11 (100%) exact matches, in which:
11 unique CDR3
6 unique J



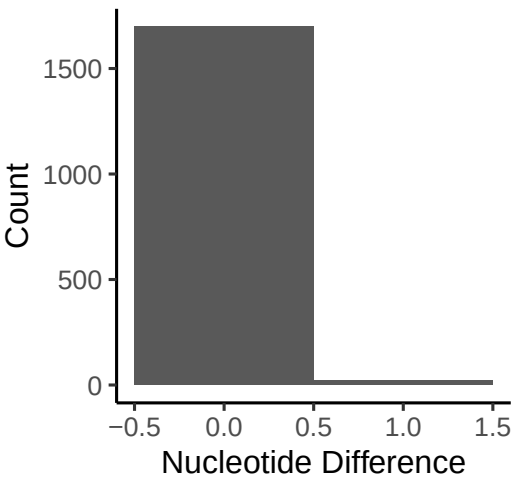
TRBV7−4*ap01

29 sequences assigned
28 (96.6%) exact matches, in which:
28 unique CDR3
8 unique J



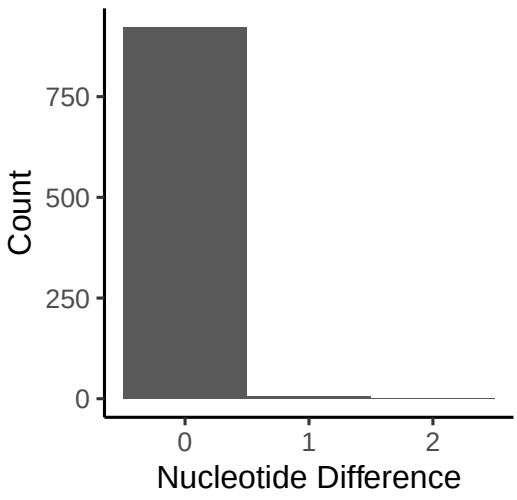
TRBV6−56*ap01

1719 sequences assigned
1698 (98.8%) exact matches, in which:
1674 unique CDR3
13 unique J



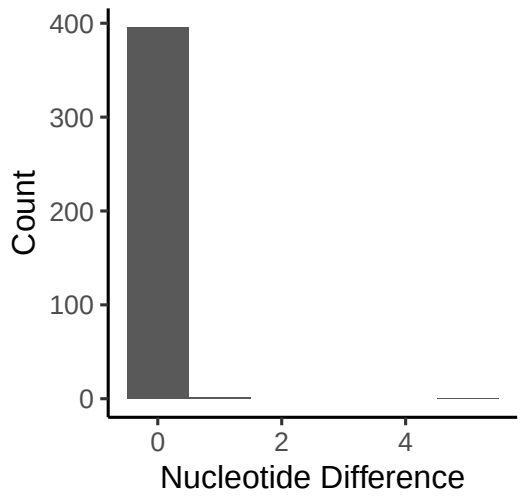
TRBV7−2*ap01

930 sequences assigned
923 (99.2%) exact matches, in which:
914 unique CDR3
13 unique J



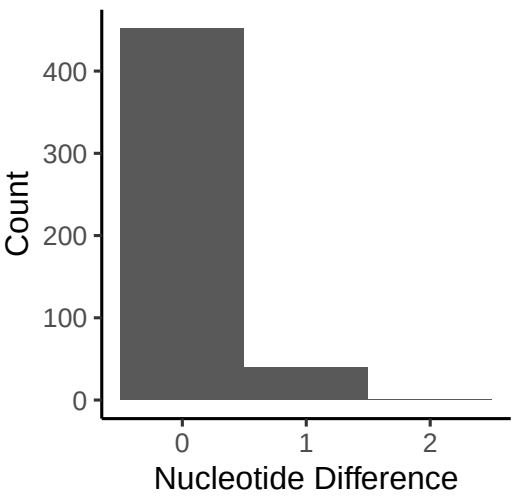
TRBV7−6*ap01

399 sequences assigned
396 (99.2%) exact matches, in which:
387 unique CDR3
13 unique J



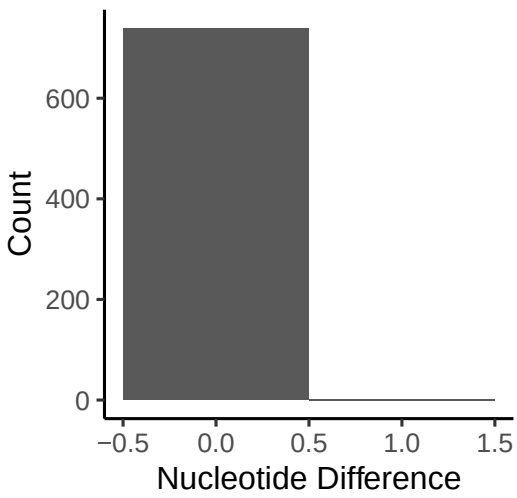
TRBV6−56*ap02

492 sequences assigned
452 (91.9%) exact matches, in which:
448 unique CDR3
13 unique J



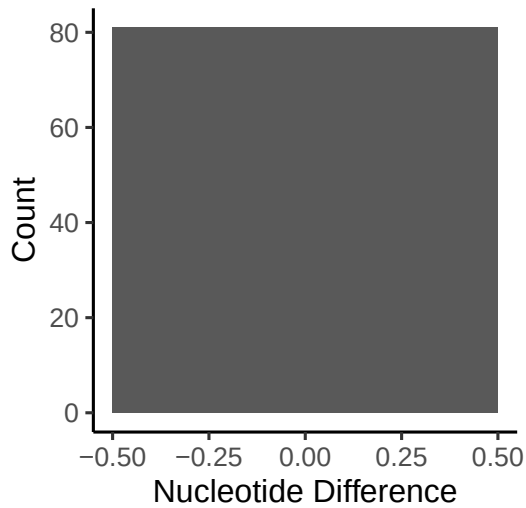
TRBV7−3*ap01

741 sequences assigned
739 (99.7%) exact matches, in which:
735 unique CDR3
13 unique J



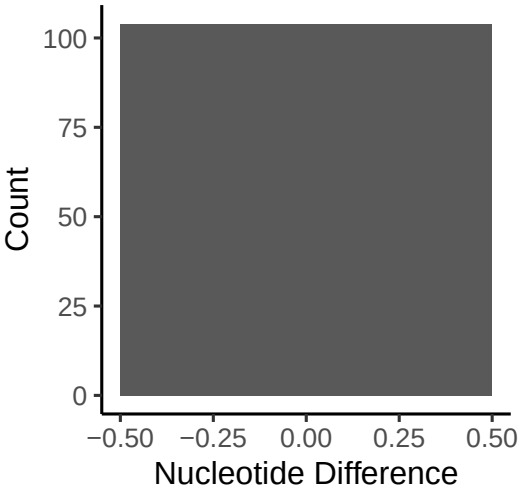
TRBV7−7*ap01

81 sequences assigned
81 (100%) exact matches, in which:
81 unique CDR3
12 unique J



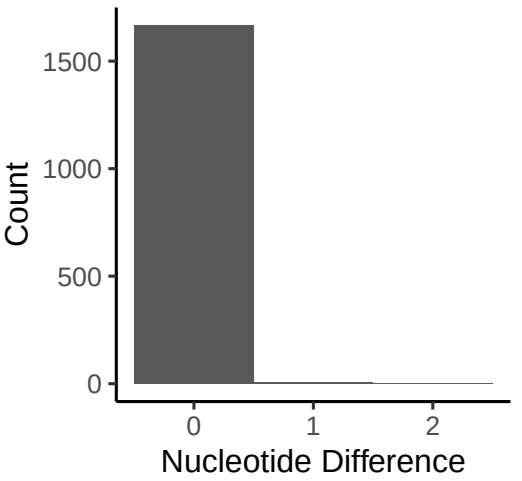
TRBV7−7*ap01_C315T

104 sequences assigned
104 (100%) exact matches, in which:
103 unique CDR3
11 unique J



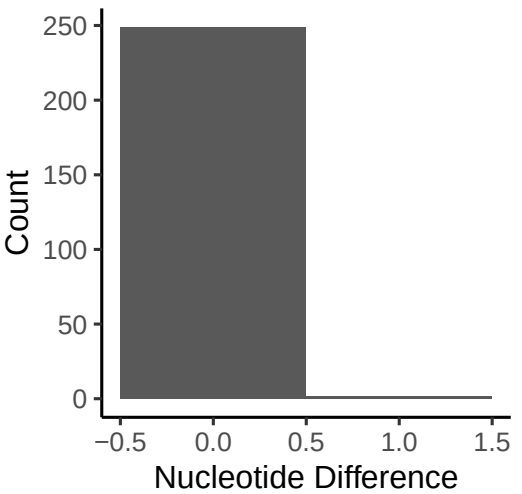
TRBV7−9*ap01

1678 sequences assigned
1666 (99.3%) exact matches, in which:
1646 unique CDR3
13 unique J



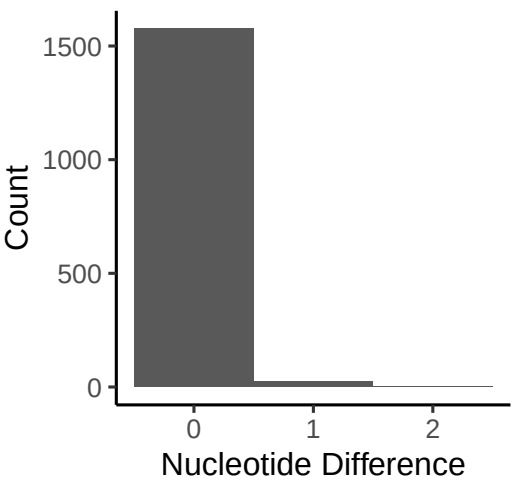
TRBV7−8*ap01

251 sequences assigned
249 (99.2%) exact matches, in which:
246 unique CDR3
12 unique J



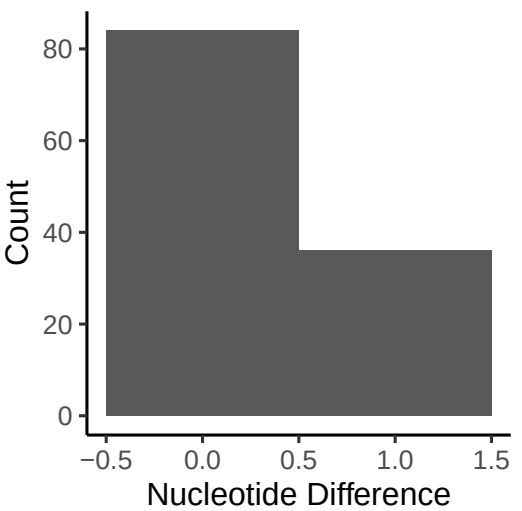
TRBV29−1*ap01

1603 sequences assigned
1576 (98.3%) exact matches, in which:
1525 unique CDR3
13 unique J



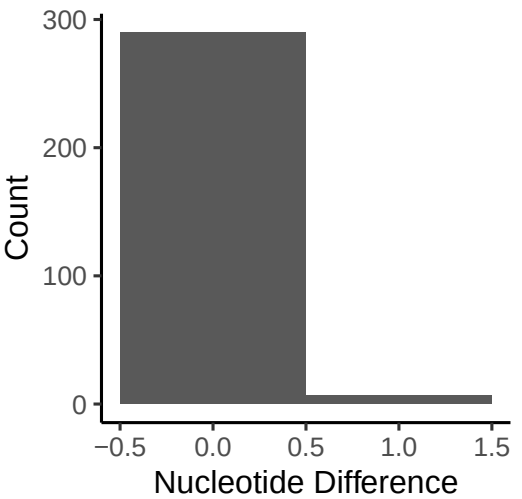
TRBV7−8*ap03

120 sequences assigned
84 (70%) exact matches, in which:
83 unique CDR3
12 unique J

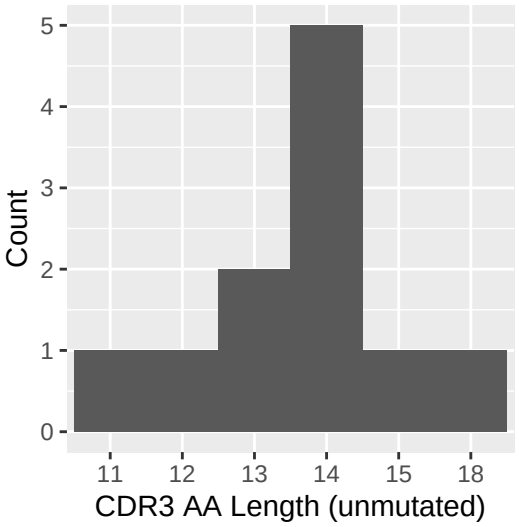


TRBV29−1*ap02

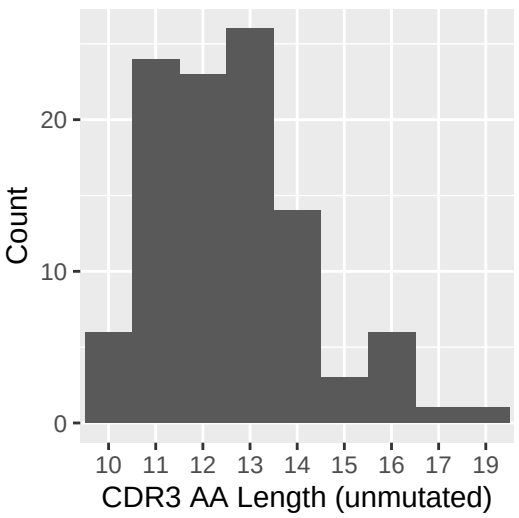
297 sequences assigned
290 (97.6%) exact matches, in which:
274 unique CDR3
13 unique J

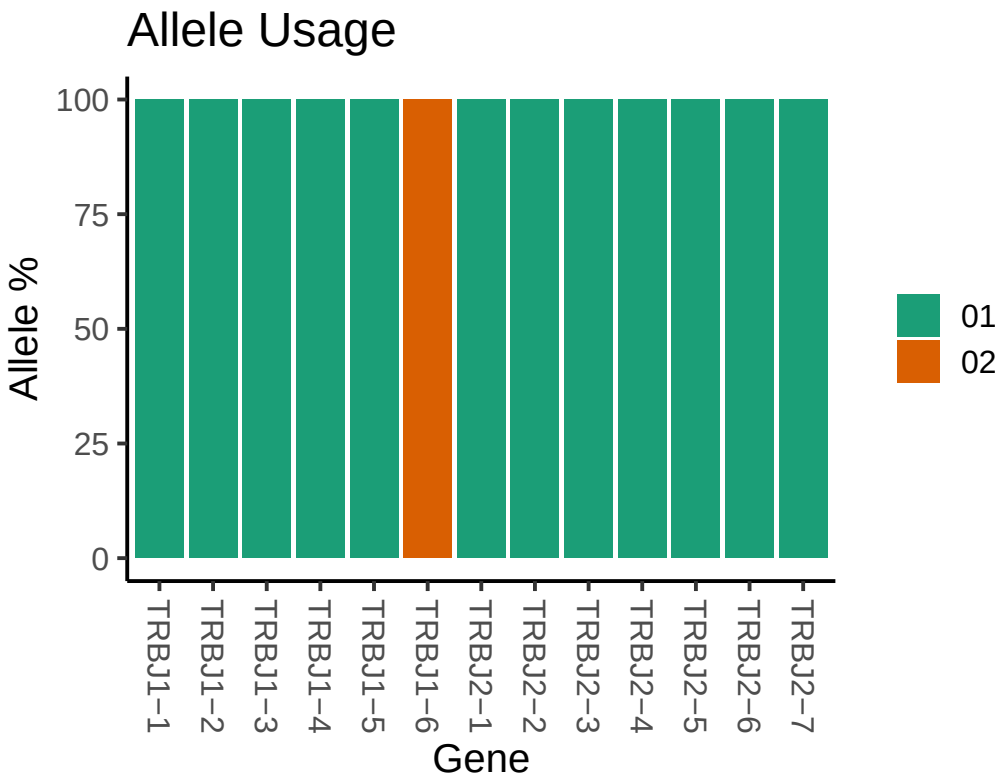


TRBV7−1*ap01_G291C_T296C



TRBV7−7*ap01_C315T




Allele Usage
Allele %
100
75
50
25
0
TRBJ1−1
TRBJ1−2
TRBJ1−3
TRBJ1−4
TRBJ1−5
TRBJ1−6
TRBJ2−1
TRBJ2−2
TRBJ2−3
TRBJ2−4
TRBJ2−5
TRBJ2−6
TRBJ2−7
Gene
01
02

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.