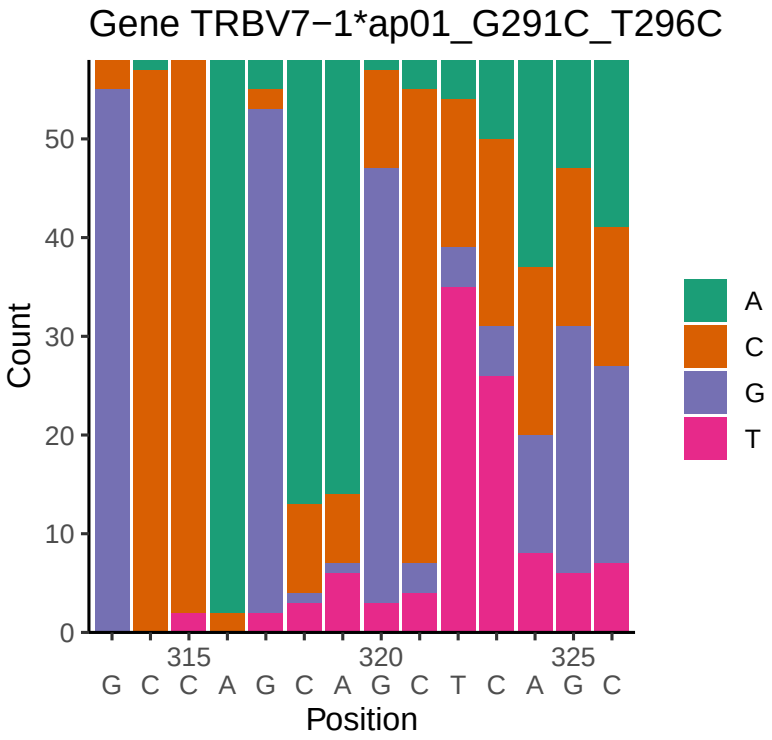
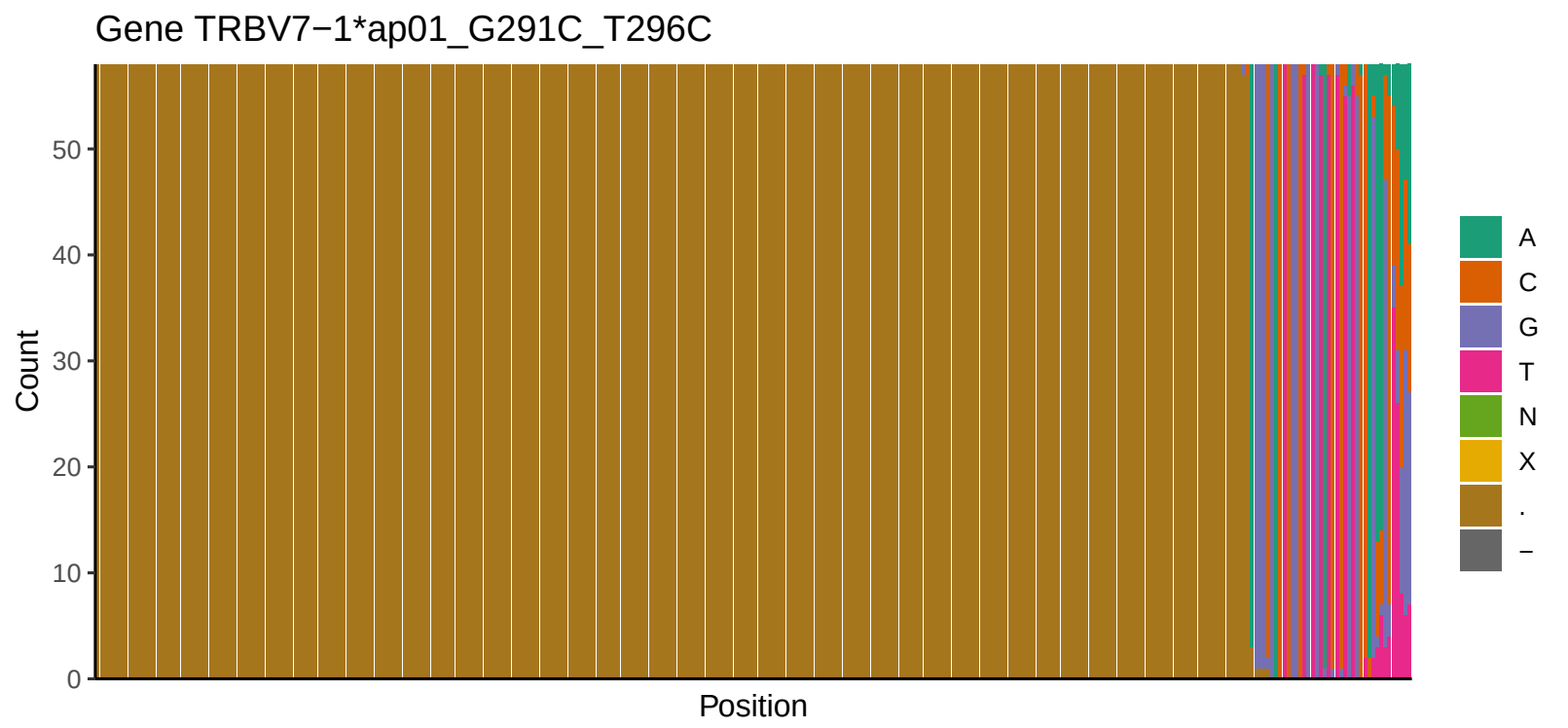
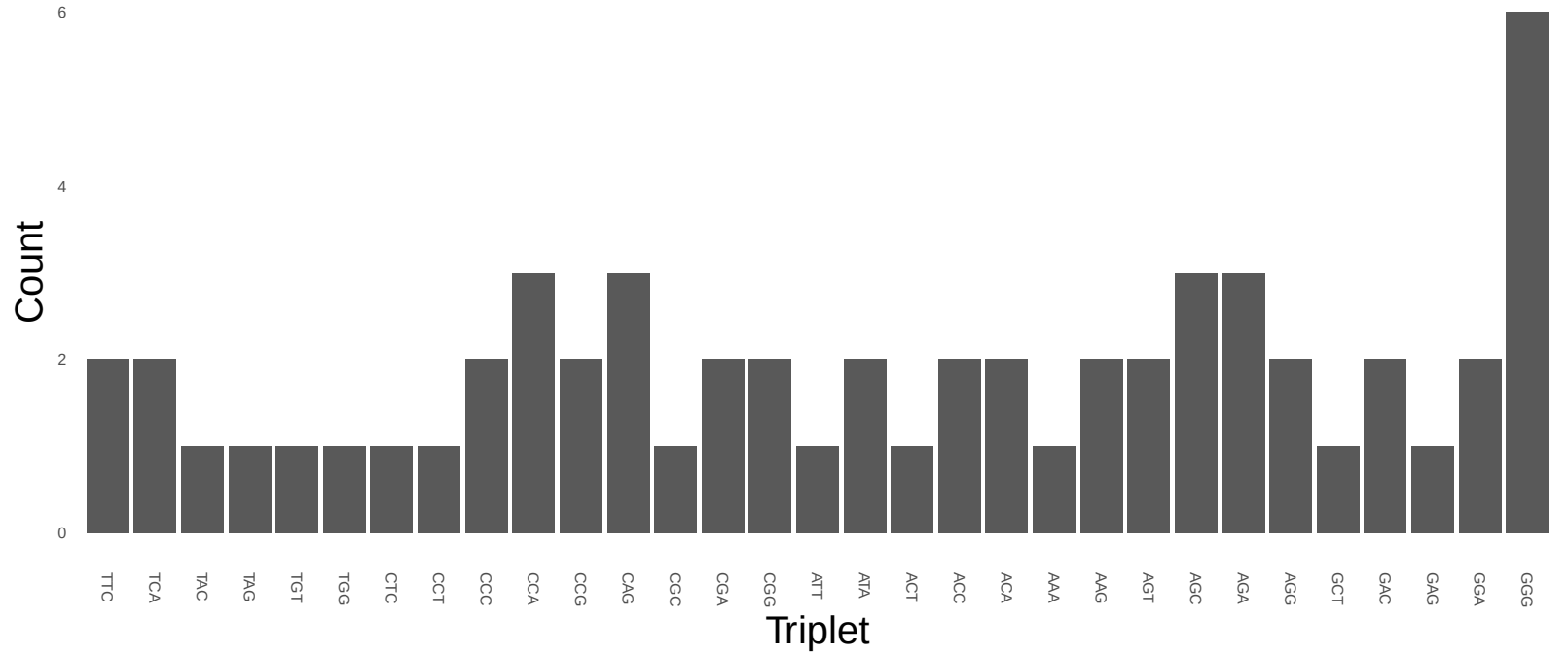

Gene TRBV7−1*ap01_G291C_T296C
Count
0
10
20
30
40
50
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T

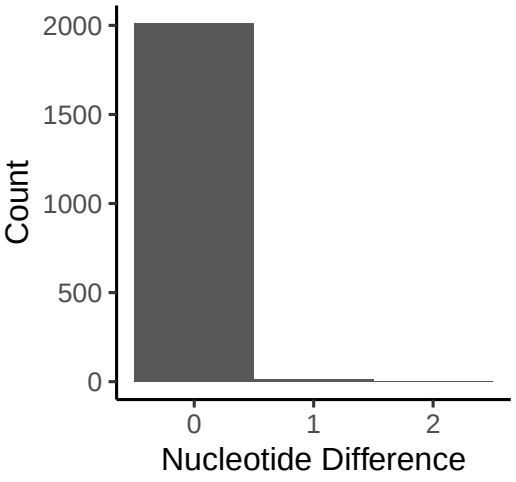

Gene TRBV7−1*ap01_G291C_T296C
Count
0
10
20
30
40
50
Position
A
C
G
T
N
X
.
–

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



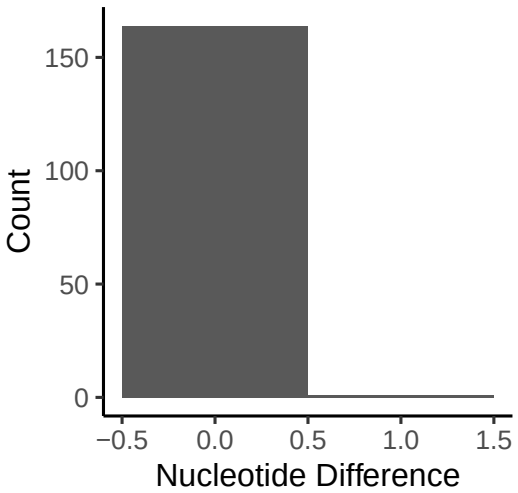
TRBV20−1*ap01

2028 sequences assigned
2011 (99.2%) exact matches, in which:
1960 unique CDR3
13 unique J



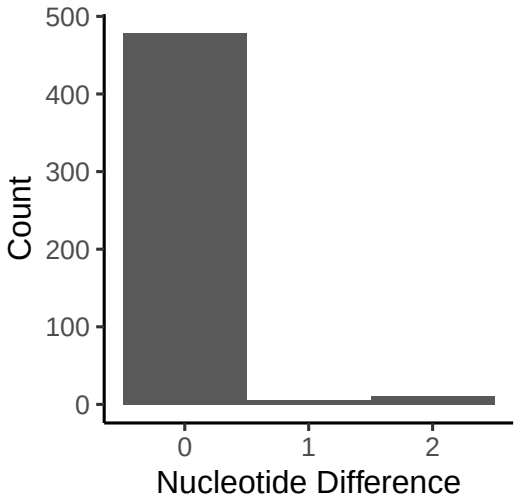
TRBV10−2*ap01

165 sequences assigned
164 (99.4%) exact matches, in which:
159 unique CDR3
12 unique J



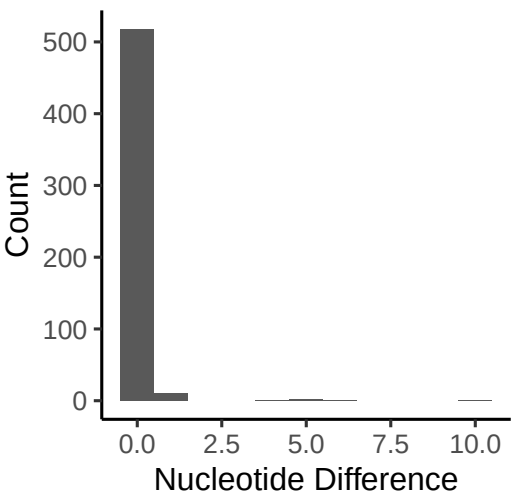
TRBV13*ap01

496 sequences assigned
479 (96.6%) exact matches, in which:
466 unique CDR3
13 unique J



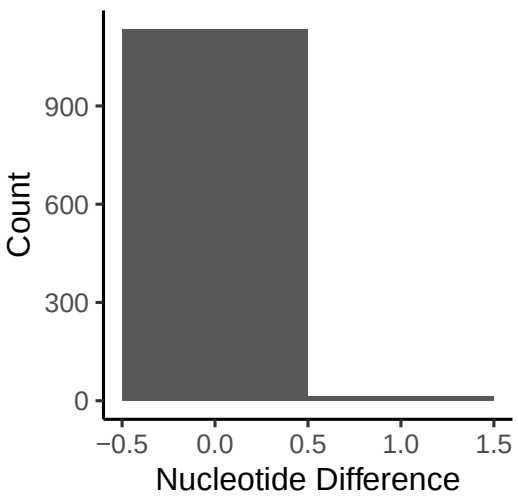
TRBV10−1*ap01

534 sequences assigned
518 (97%) exact matches, in which:
508 unique CDR3
13 unique J



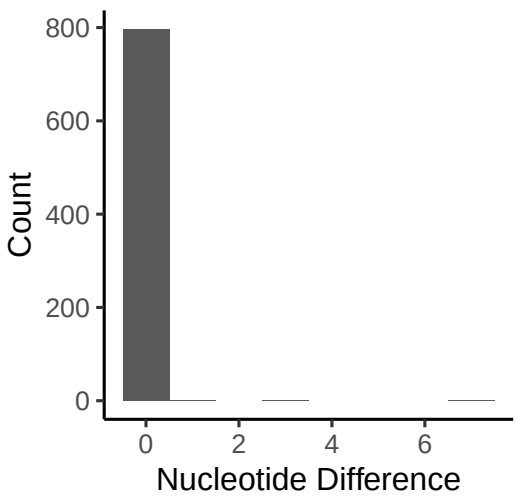
TRBV10−3*ap01

1149 sequences assigned
1135 (98.8%) exact matches, in which:
1098 unique CDR3
13 unique J



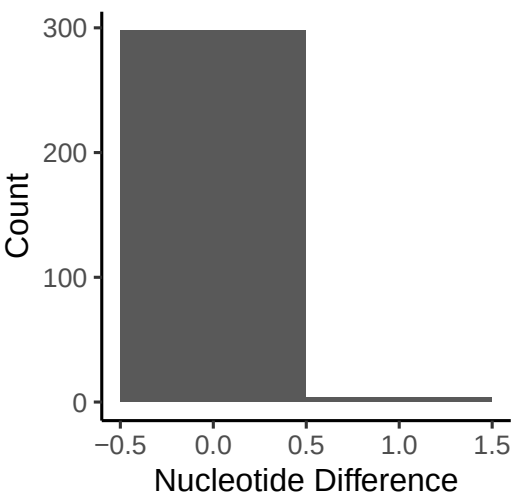
TRBV14*ap01

801 sequences assigned
797 (99.5%) exact matches, in which:
785 unique CDR3
13 unique J



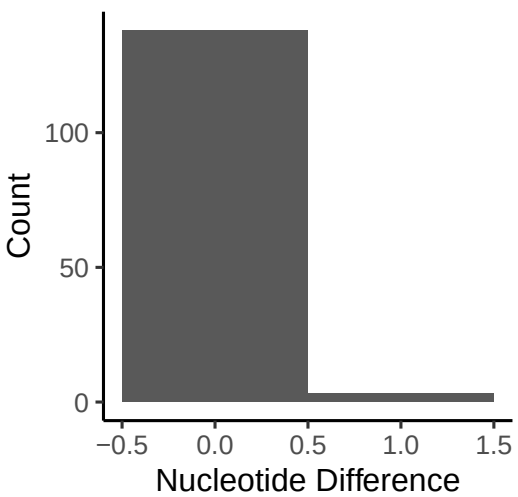
TRBV20−1*ap02

302 sequences assigned
298 (98.7%) exact matches, in which:
290 unique CDR3
13 unique J



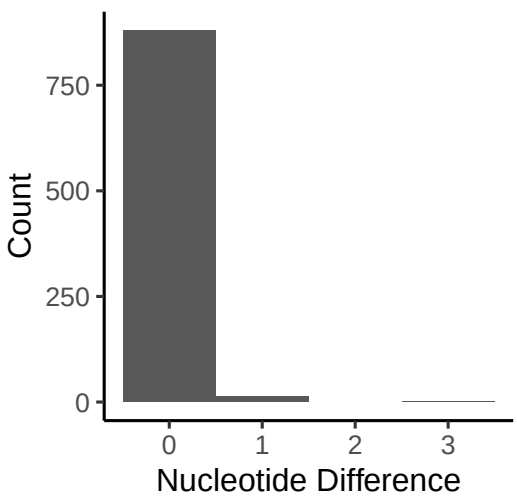
TRBV1*ap01

141 sequences assigned
138 (97.9%) exact matches, in which:
132 unique CDR3
13 unique J



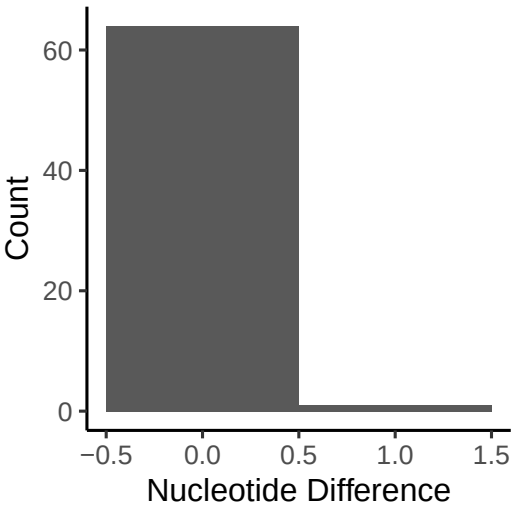
TRBV15*ap02

895 sequences assigned
880 (98.3%) exact matches, in which:
857 unique CDR3
13 unique J



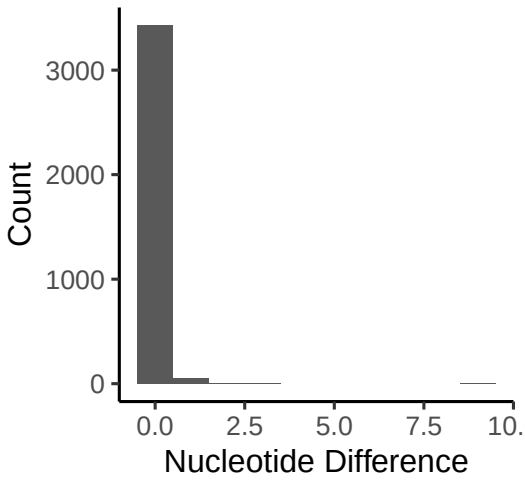
TRBV16*ap01

65 sequences assigned
64 (98.5%) exact matches, in which:
61 unique CDR3
11 unique J



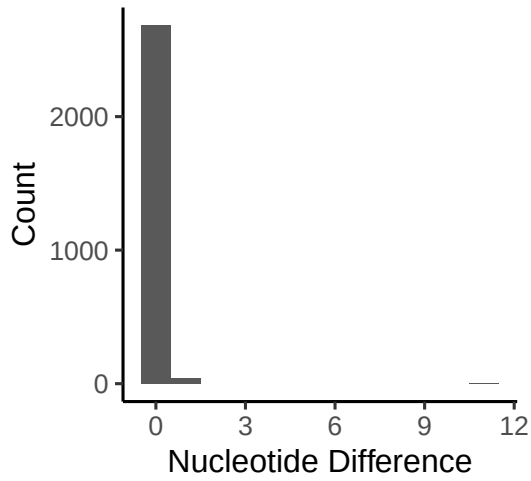
TRBV19*ap01

3480 sequences assigned
3428 (98.5%) exact matches, in which:
3375 unique CDR3
13 unique J



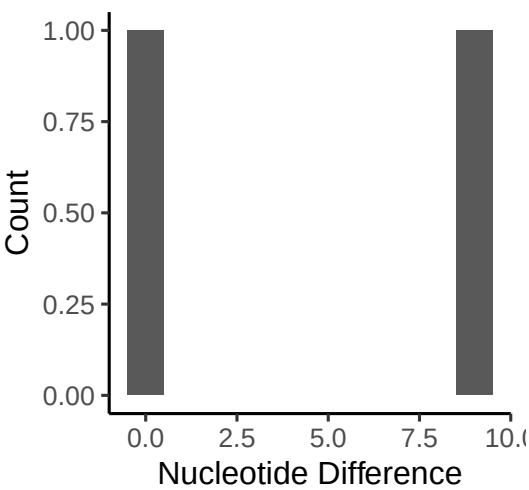
TRBV27*ap01

2722 sequences assigned
2683 (98.6%) exact matches, in which:
2609 unique CDR3
13 unique J



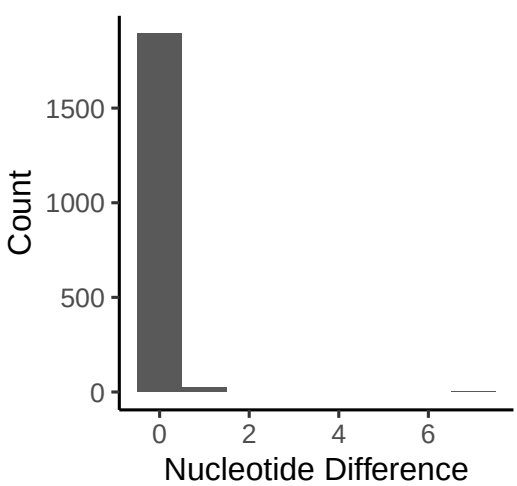
TRBV17*ap01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



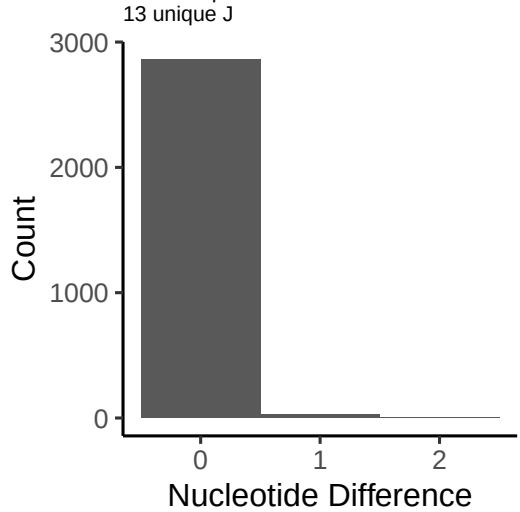
TRBV2*ap01

1920 sequences assigned
1893 (98.6%) exact matches, in which:
1855 unique CDR3
13 unique J



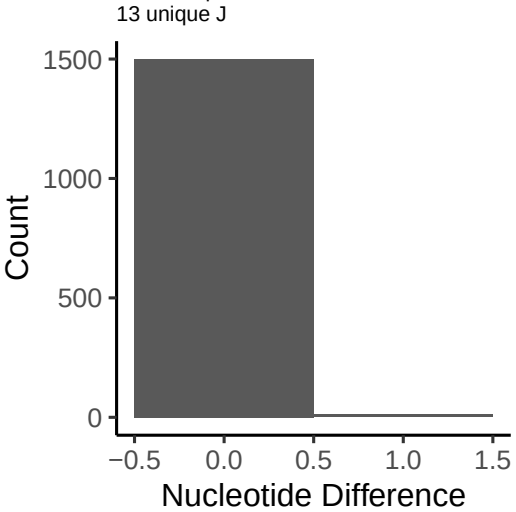
TRBV28*ap01

2889 sequences assigned
2859 (99%) exact matches, in which:
2789 unique CDR3
13 unique J



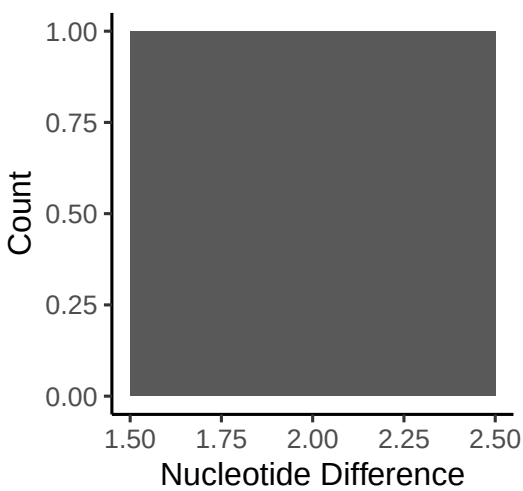
TRBV18*ap01

1511 sequences assigned
1500 (99.3%) exact matches, in which:
1472 unique CDR3
13 unique J



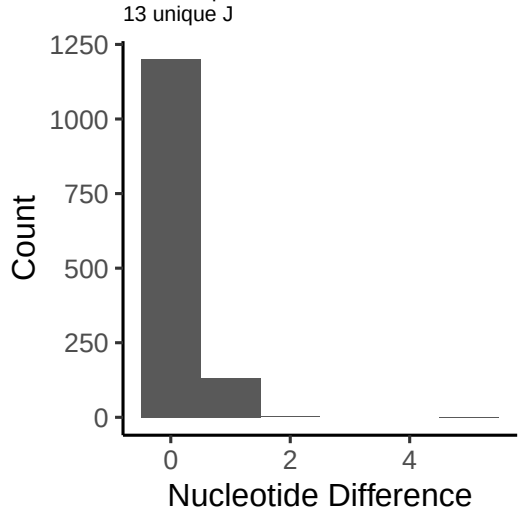
TRBV26*ap01

1 sequences assigned
No exact matches.



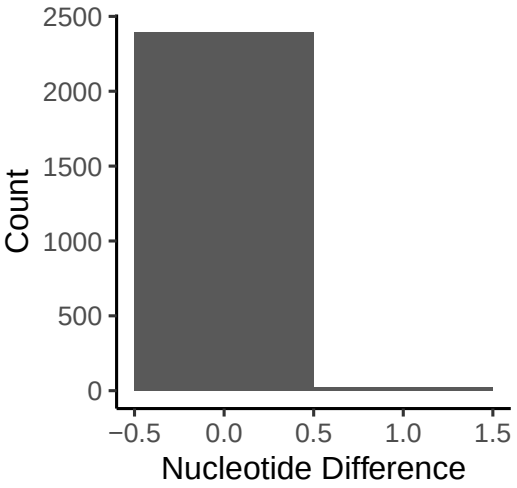
TRBV30*ap01

1337 sequences assigned
1201 (89.8%) exact matches, in which:
1184 unique CDR3
13 unique J



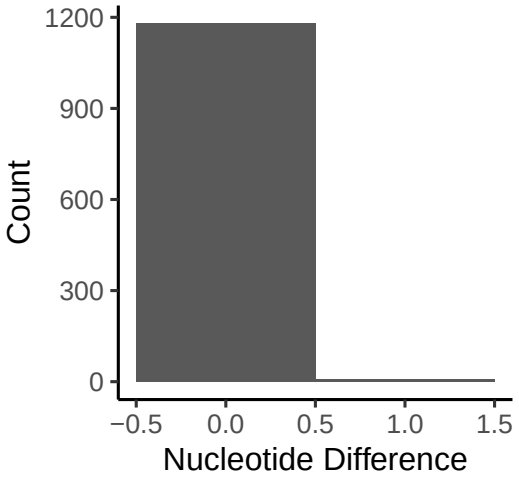
TRBV9*ap01

2415 sequences assigned
2393 (99.1%) exact matches, in which:
2349 unique CDR3
13 unique J



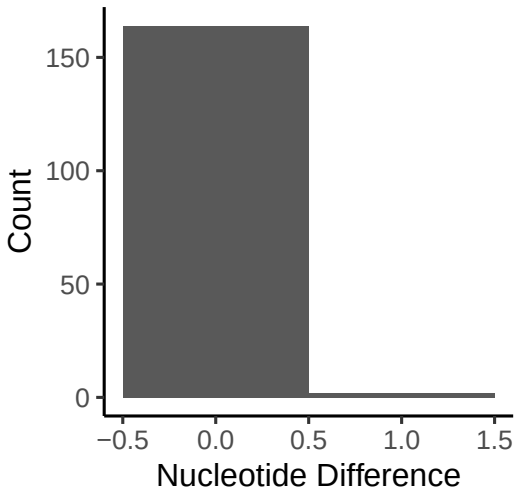
TRBV11−2*ap01

1188 sequences assigned
1180 (99.3%) exact matches, in which:
1161 unique CDR3
13 unique J



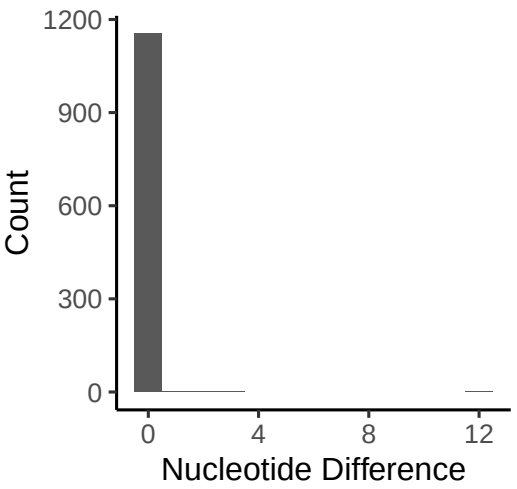
TRBV12−2*ap01

166 sequences assigned
164 (98.8%) exact matches, in which:
162 unique CDR3
13 unique J



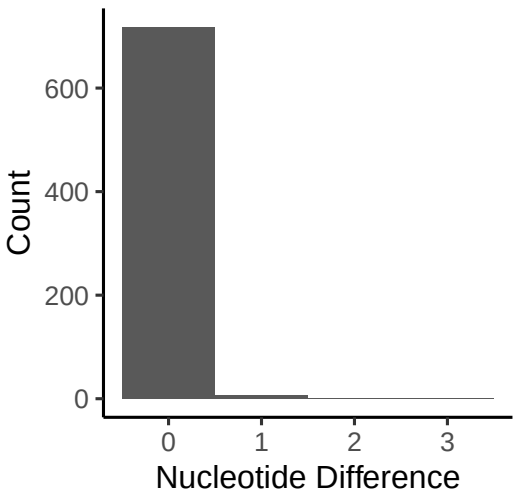
TRBV21−1*ap01

1163 sequences assigned
1154 (99.2%) exact matches, in which:
1136 unique CDR3
13 unique J



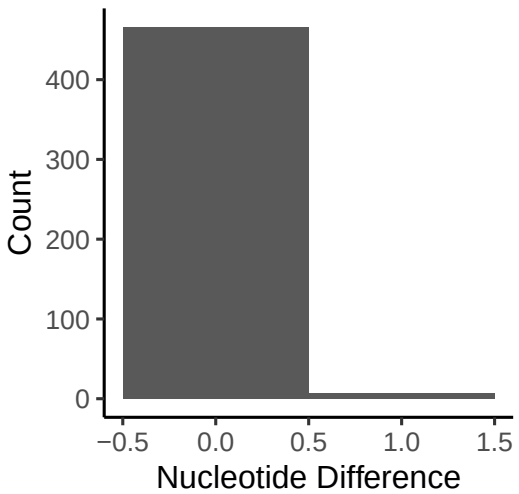
TRBV11−3*ap01

726 sequences assigned
718 (98.9%) exact matches, in which:
710 unique CDR3
13 unique J



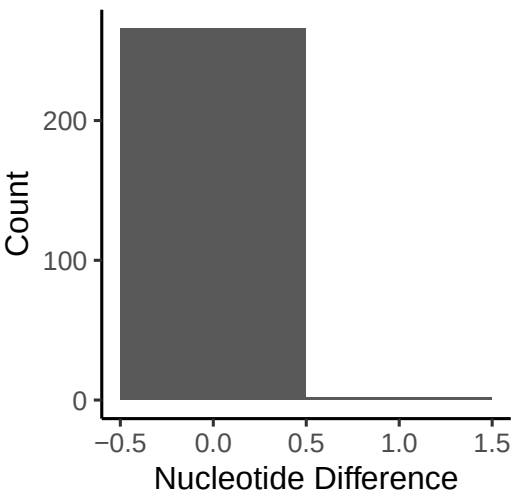
TRBV12−5*ap01

473 sequences assigned
466 (98.5%) exact matches, in which:
454 unique CDR3
13 unique J



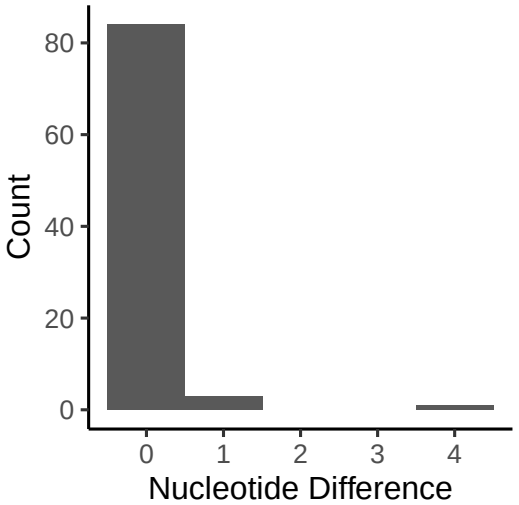
TRBV11−1*ap01

268 sequences assigned
266 (99.3%) exact matches, in which:
263 unique CDR3
13 unique J



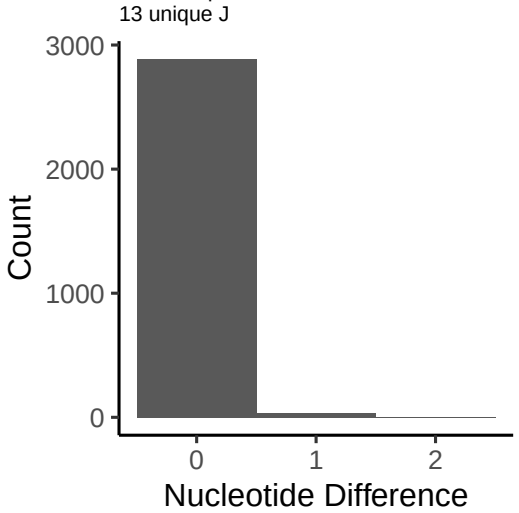
TRBV12−1*ap01

88 sequences assigned
84 (95.5%) exact matches, in which:
83 unique CDR3
13 unique J



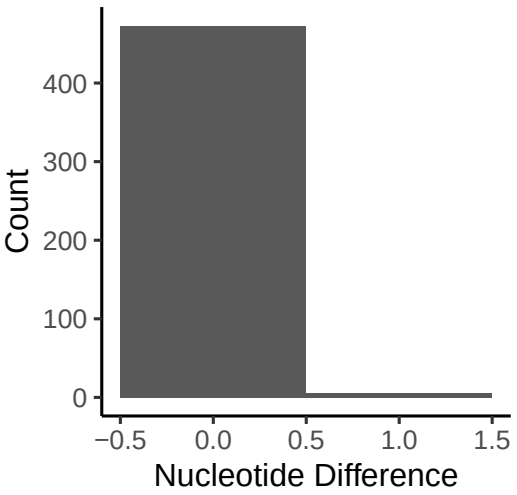
TRBV12−34*ap01

2922 sequences assigned
2887 (98.8%) exact matches, in which:
2824 unique CDR3
13 unique J



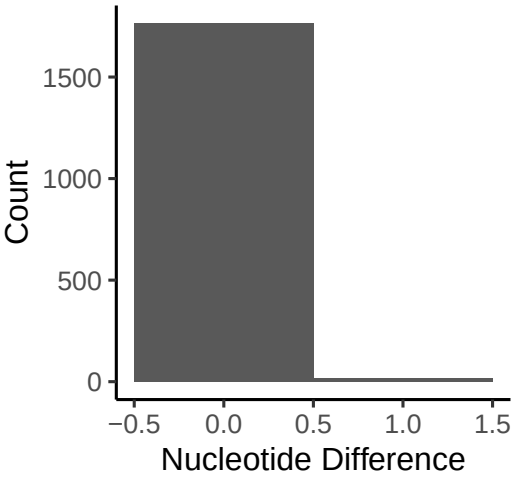
TRBV23−1*ap01

479 sequences assigned
473 (98.7%) exact matches, in which:
466 unique CDR3
13 unique J



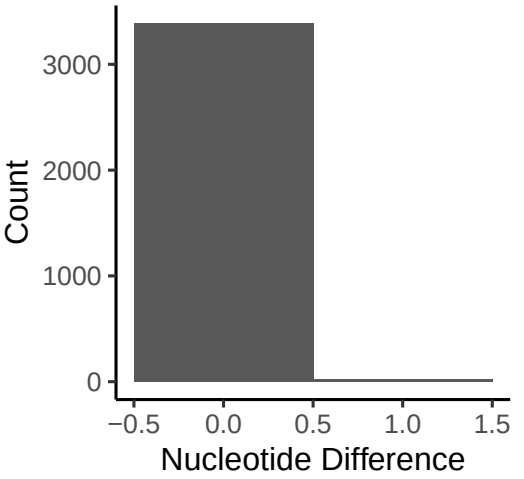
TRBV4−1*ap01

1780 sequences assigned
1764 (99.1%) exact matches, in which:
1731 unique CDR3
13 unique J



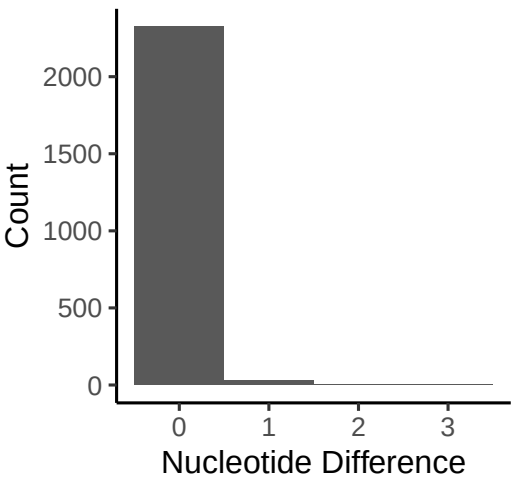
TRBV5−1*ap01

3413 sequences assigned
3387 (99.2%) exact matches, in which:
3292 unique CDR3
13 unique J



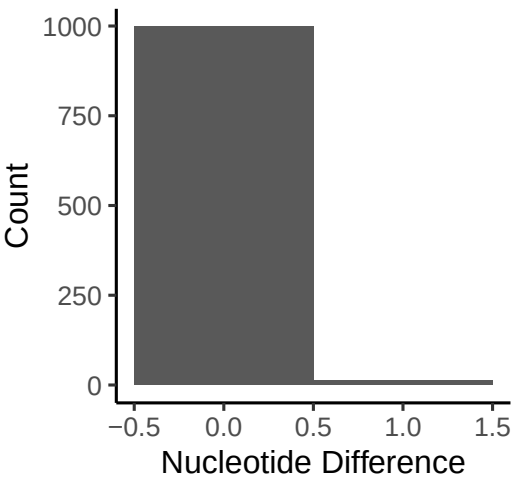
TRBV3−12*ap01

2354 sequences assigned
2324 (98.7%) exact matches, in which:
2288 unique CDR3
13 unique J



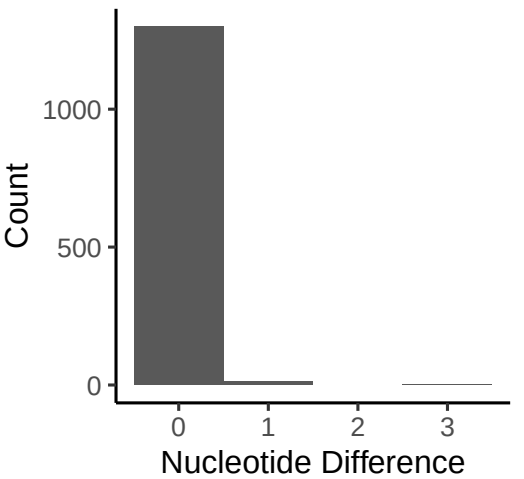
TRBV4−2*ap01

1010 sequences assigned
998 (98.8%) exact matches, in which:
969 unique CDR3
13 unique J



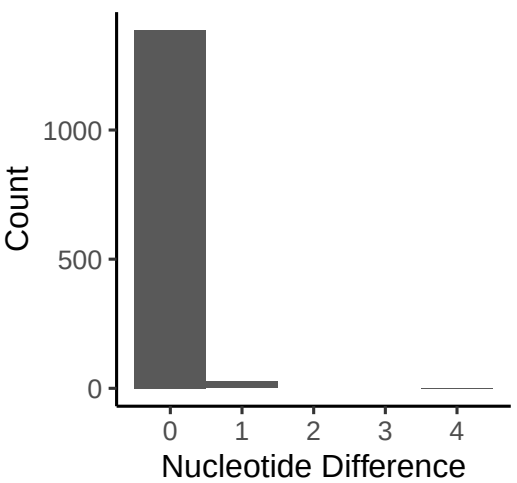
TRBV25−1*ap01

1314 sequences assigned
1299 (98.9%) exact matches, in which:
1263 unique CDR3
13 unique J



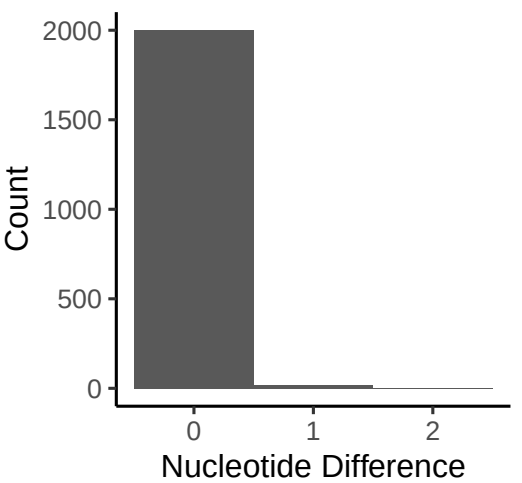
TRBV24−1*ap01

1415 sequences assigned
1387 (98%) exact matches, in which:
1360 unique CDR3
13 unique J



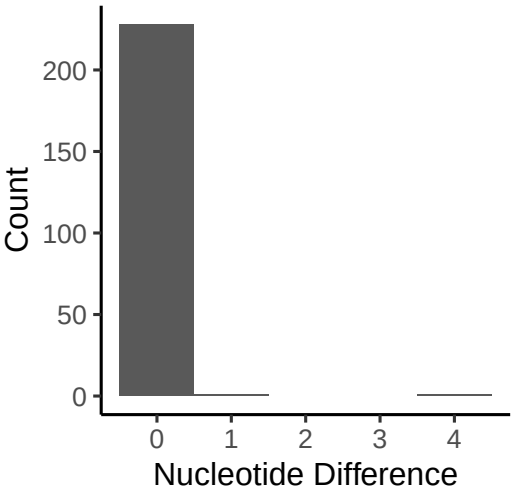
TRBV4−3*ap01

2021 sequences assigned
2001 (99%) exact matches, in which:
1949 unique CDR3
13 unique J



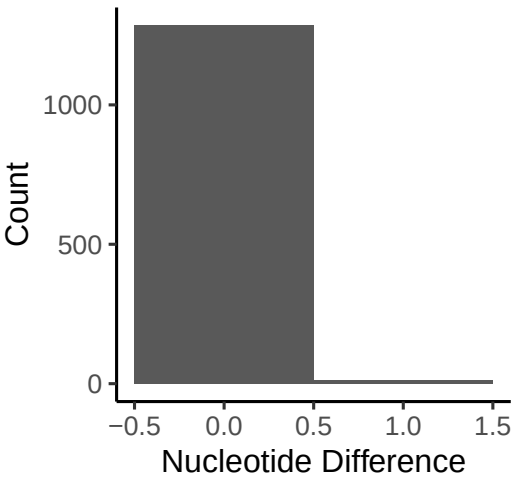
TRBV5−3*ap01

230 sequences assigned
228 (99.1%) exact matches, in which:
223 unique CDR3
13 unique J



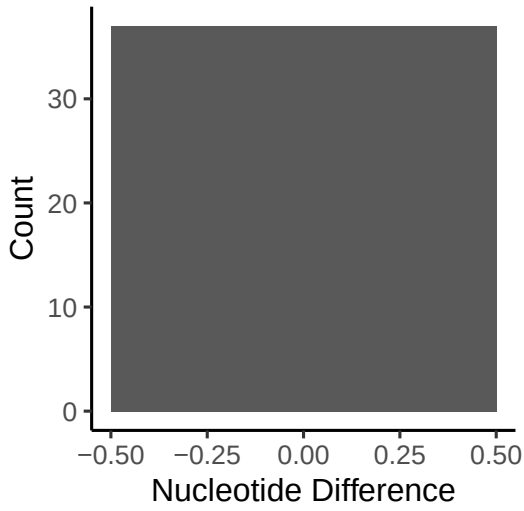
TRBV5−4*ap01

1296 sequences assigned
1285 (99.2%) exact matches, in which:
1252 unique CDR3
13 unique J



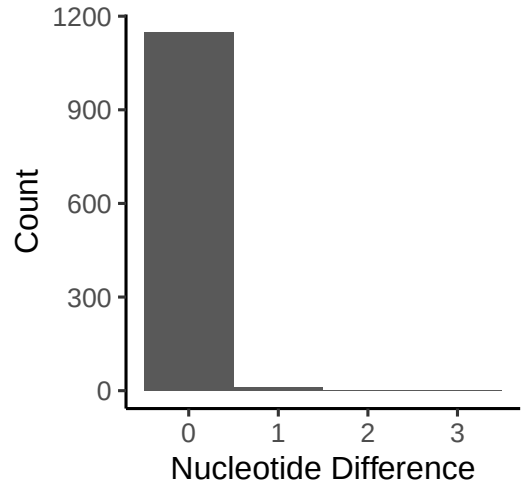
TRBV5−7*ap01

37 sequences assigned
37 (100%) exact matches, in which:
36 unique CDR3
12 unique J



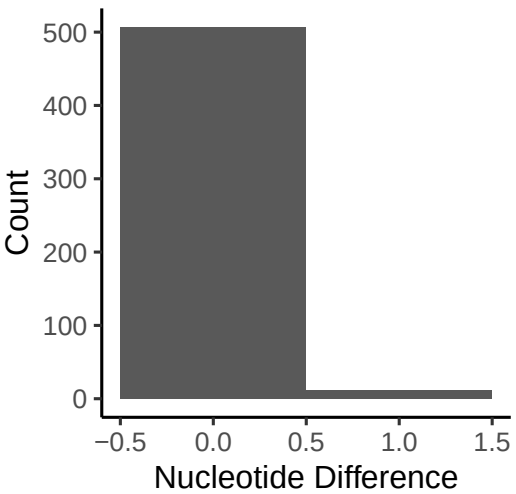
TRBV6−4*ap01

1161 sequences assigned
1148 (98.9%) exact matches, in which:
1132 unique CDR3
13 unique J



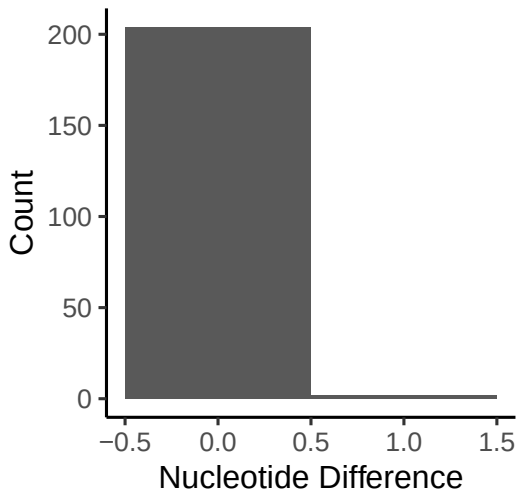
TRBV5−5*ap01

518 sequences assigned
507 (97.9%) exact matches, in which:
498 unique CDR3
13 unique J



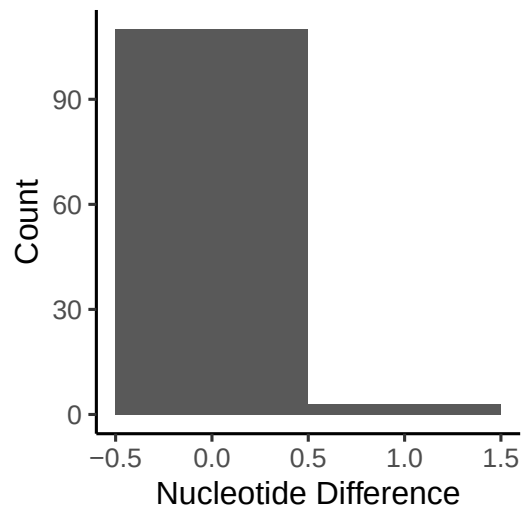
TRBV5−8*ap01

206 sequences assigned
204 (99%) exact matches, in which:
198 unique CDR3
13 unique J



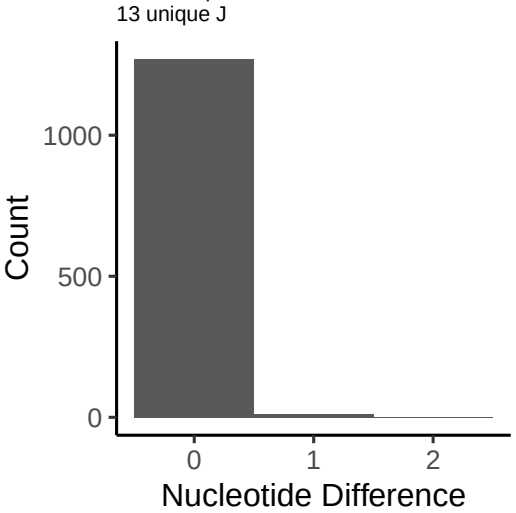
TRBV6−7*ap01

113 sequences assigned
110 (97.3%) exact matches, in which:
109 unique CDR3
13 unique J



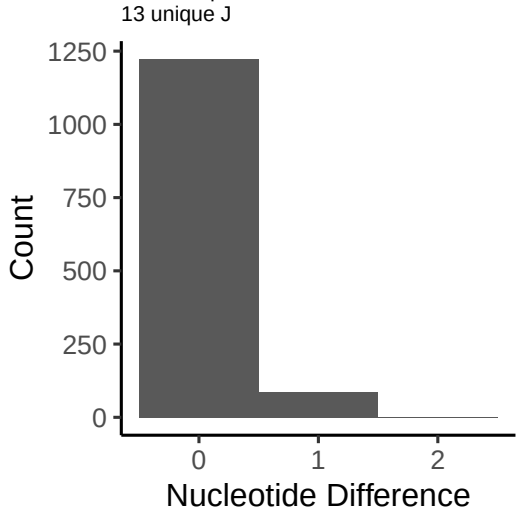
TRBV5−6*ap01

1283 sequences assigned
1270 (99%) exact matches, in which:
1244 unique CDR3
13 unique J



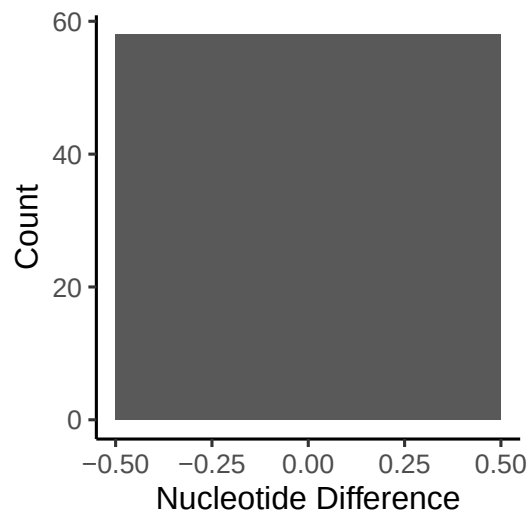
TRBV6−1*ap01

1311 sequences assigned
1223 (93.3%) exact matches, in which:
1198 unique CDR3
13 unique J



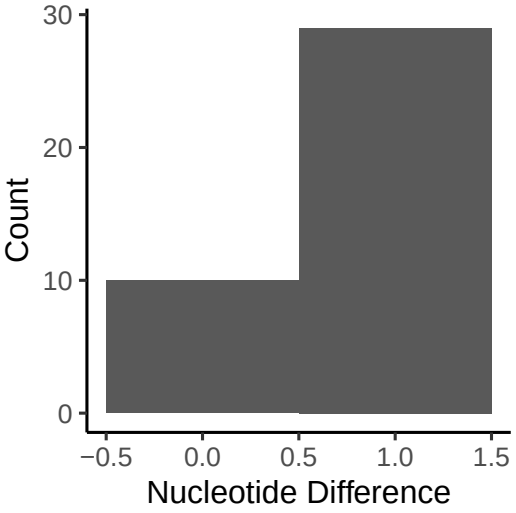
TRBV6−8*ap01

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



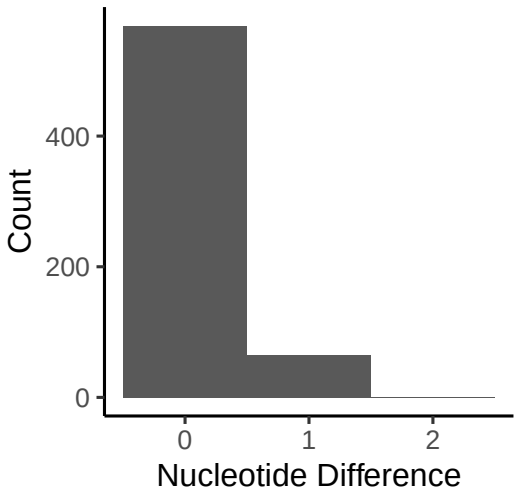
TRBV6−9*ap01

39 sequences assigned
10 (25.6%) exact matches, in which:
10 unique CDR3
7 unique J



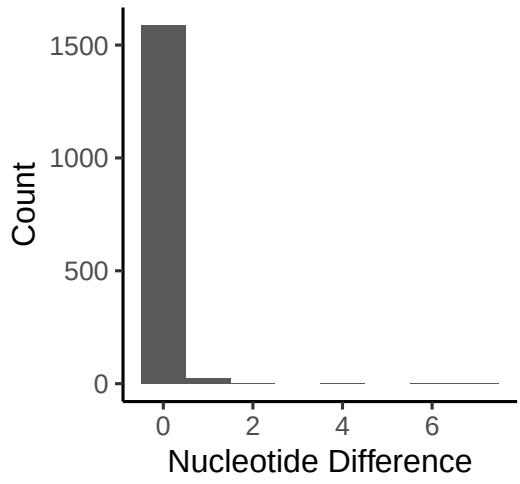
TRBV6−56*ap02

635 sequences assigned
569 (89.6%) exact matches, in which:
557 unique CDR3
13 unique J



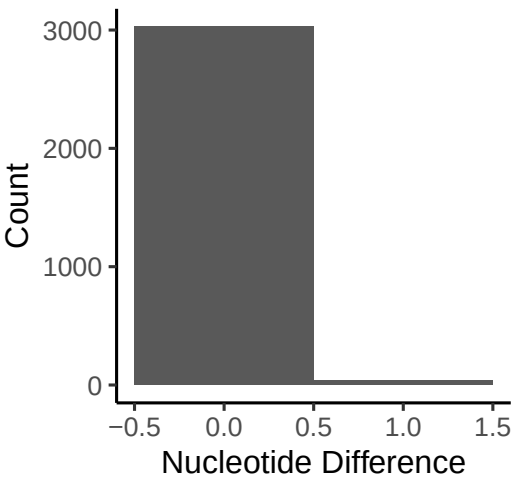
TRBV7−3*ap01

1618 sequences assigned
1587 (98.1%) exact matches, in which:
1562 unique CDR3
13 unique J



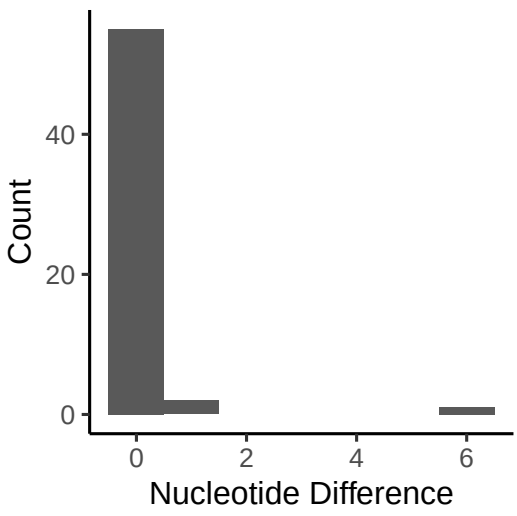
TRBV6−23*ap01

3065 sequences assigned
3028 (98.8%) exact matches, in which:
2949 unique CDR3
13 unique J



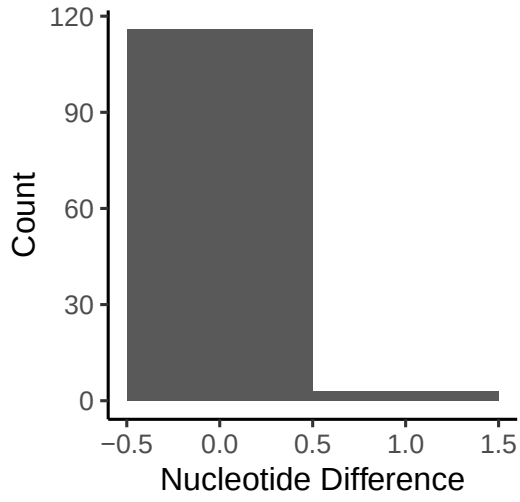
TRBV7−1*ap01_G291C_T

58 sequences assigned
55 (94.8%) exact matches, in which:
51 unique CDR3
10 unique J



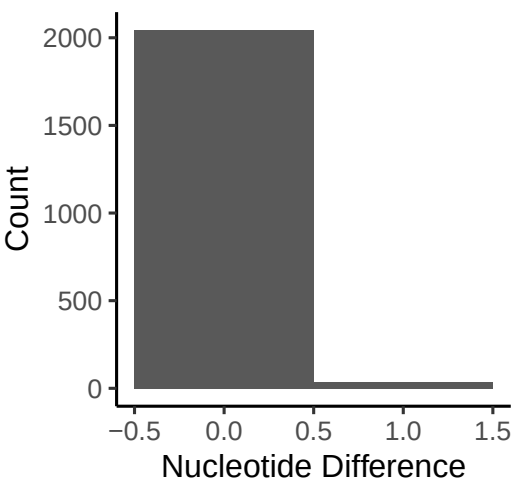
TRBV7−4*ap01

119 sequences assigned
116 (97.5%) exact matches, in which:
113 unique CDR3
13 unique J



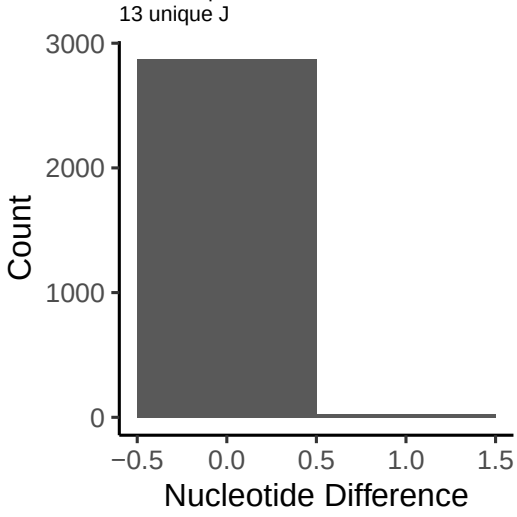
TRBV6−56*ap01

2079 sequences assigned
2044 (98.3%) exact matches, in which:
1979 unique CDR3
13 unique J



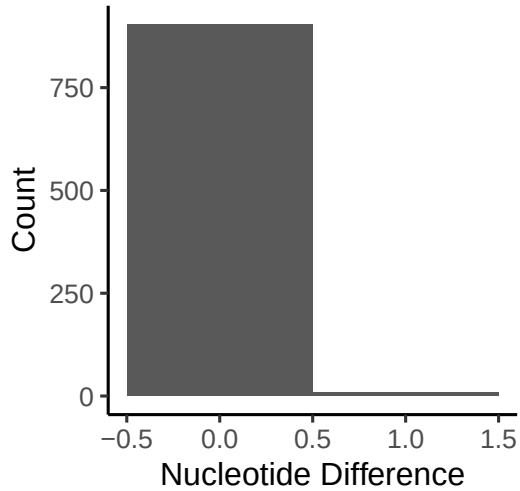
TRBV7−2*ap01

2899 sequences assigned
2873 (99.1%) exact matches, in which:
2821 unique CDR3
13 unique J



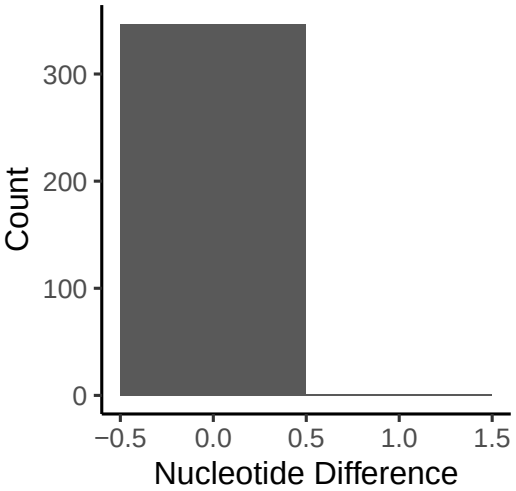
TRBV7−6*ap01

913 sequences assigned
904 (99%) exact matches, in which:
881 unique CDR3
13 unique J



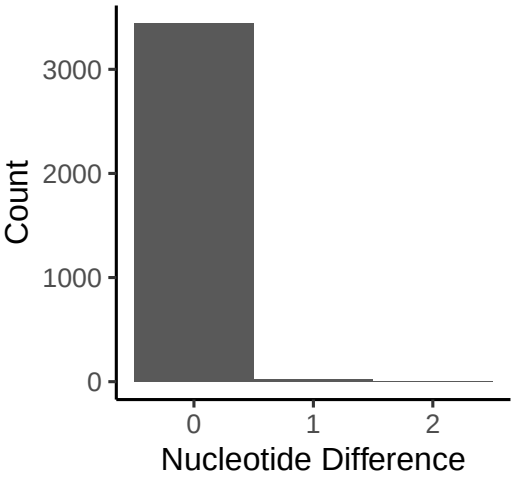
TRBV7−7*ap01

348 sequences assigned
347 (99.7%) exact matches, in which:
339 unique CDR3
13 unique J



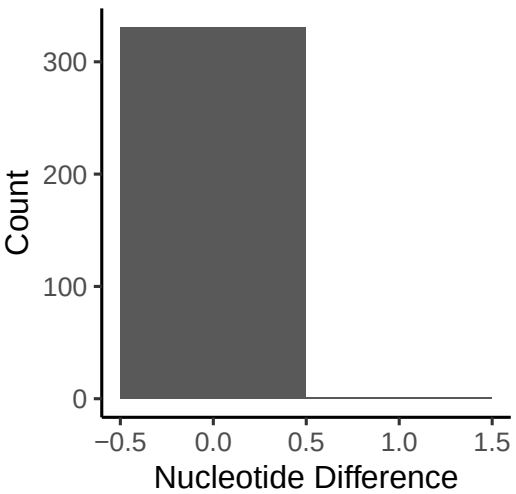
TRBV7−9*ap01

3464 sequences assigned
3441 (99.3%) exact matches, in which:
3379 unique CDR3
13 unique J



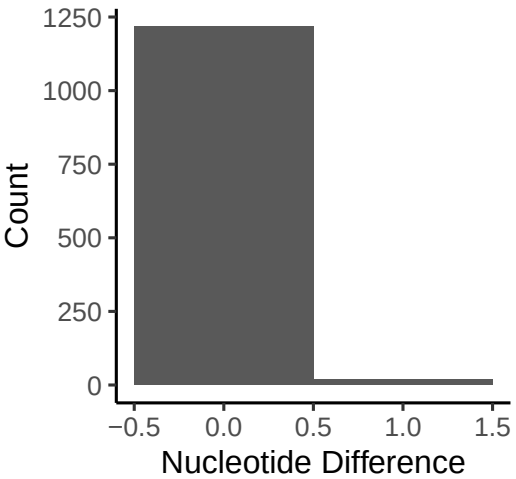
TRBV7−8*ap01

332 sequences assigned
331 (99.7%) exact matches, in which:
319 unique CDR3
13 unique J



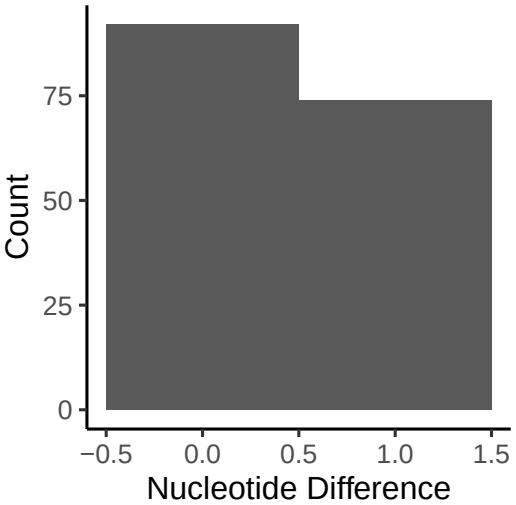
TRBV29−1*ap01

1234 sequences assigned
1217 (98.6%) exact matches, in which:
1178 unique CDR3
13 unique J



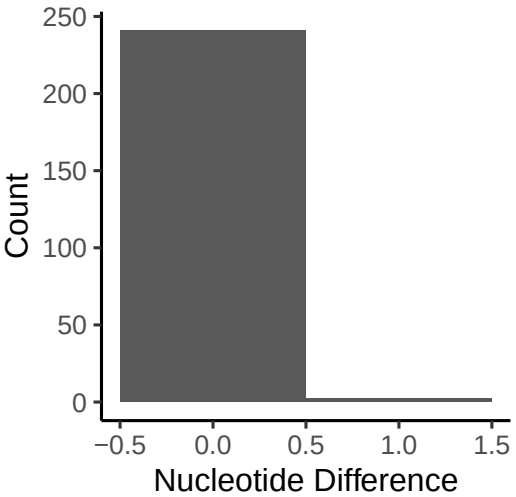
TRBV7−8*ap03

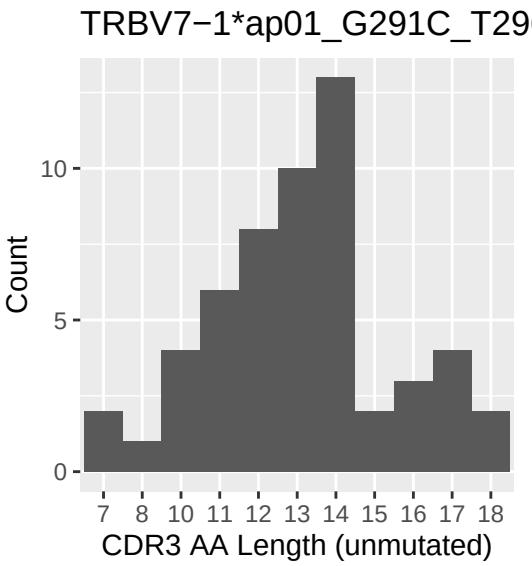
166 sequences assigned
92 (55.4%) exact matches, in which:
92 unique CDR3
13 unique J

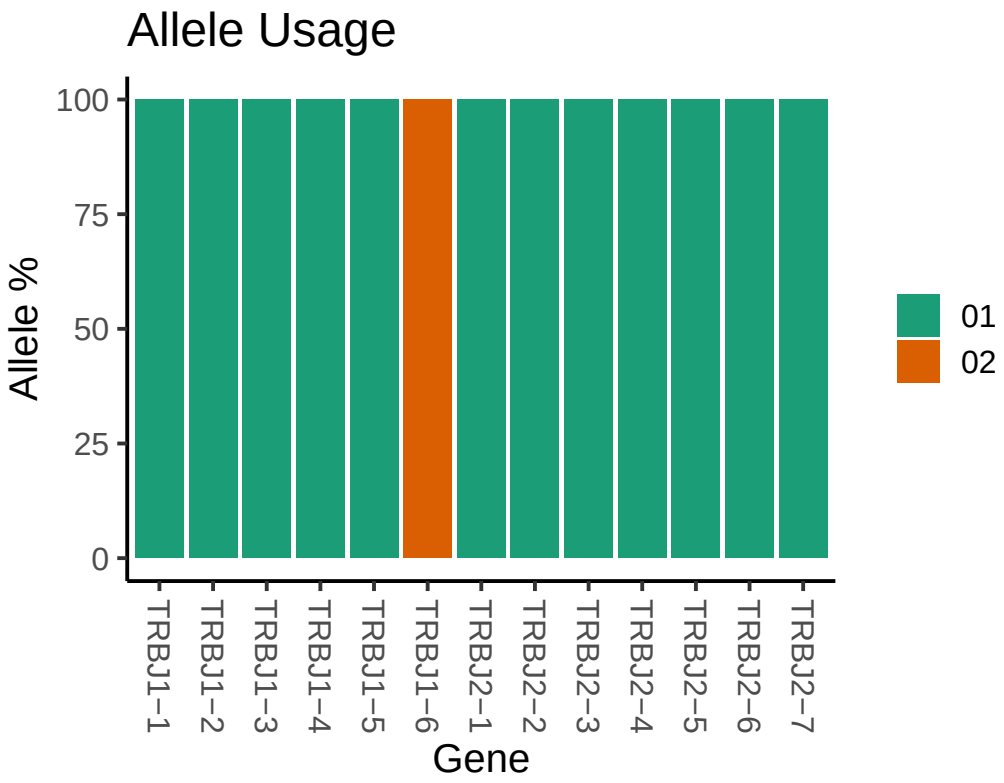


TRBV29−1*ap02

243 sequences assigned
241 (99.2%) exact matches, in which:
238 unique CDR3
13 unique J




TRBV7−1*ap01_G291C_T296C
Count
10
5
0
7
8
10
11
12
13
14
15
16
17
18
CDR3 AA Length (unmutated)


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.