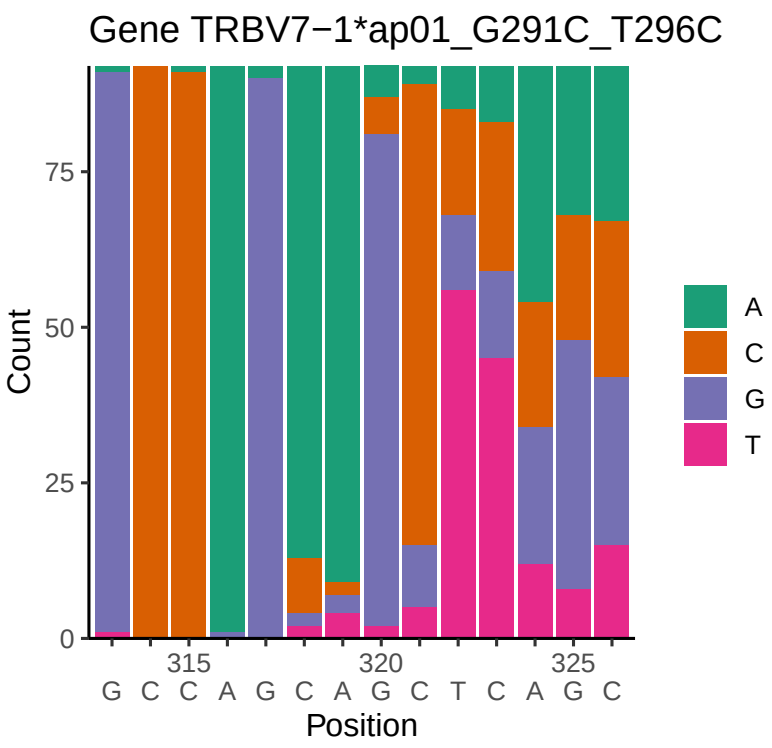
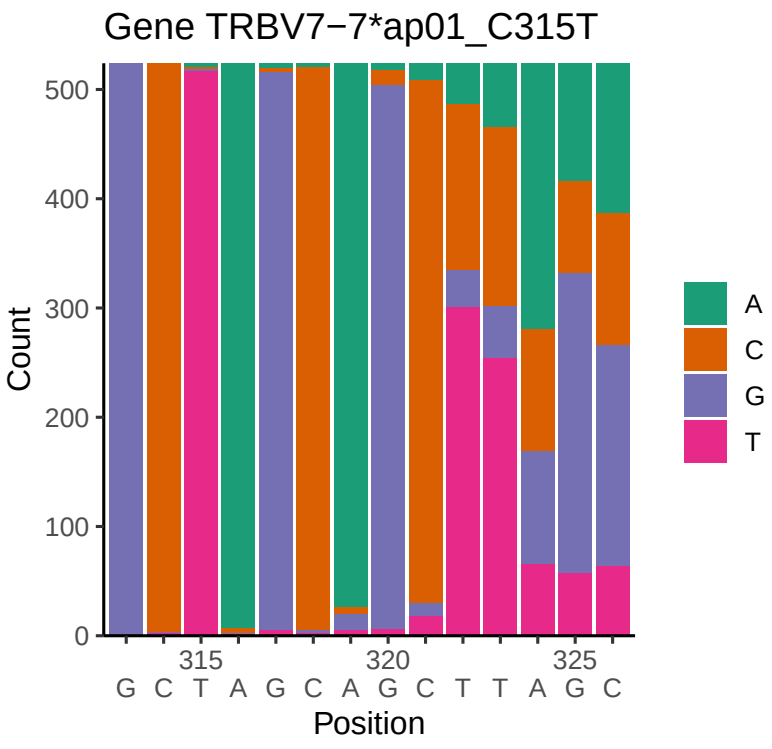
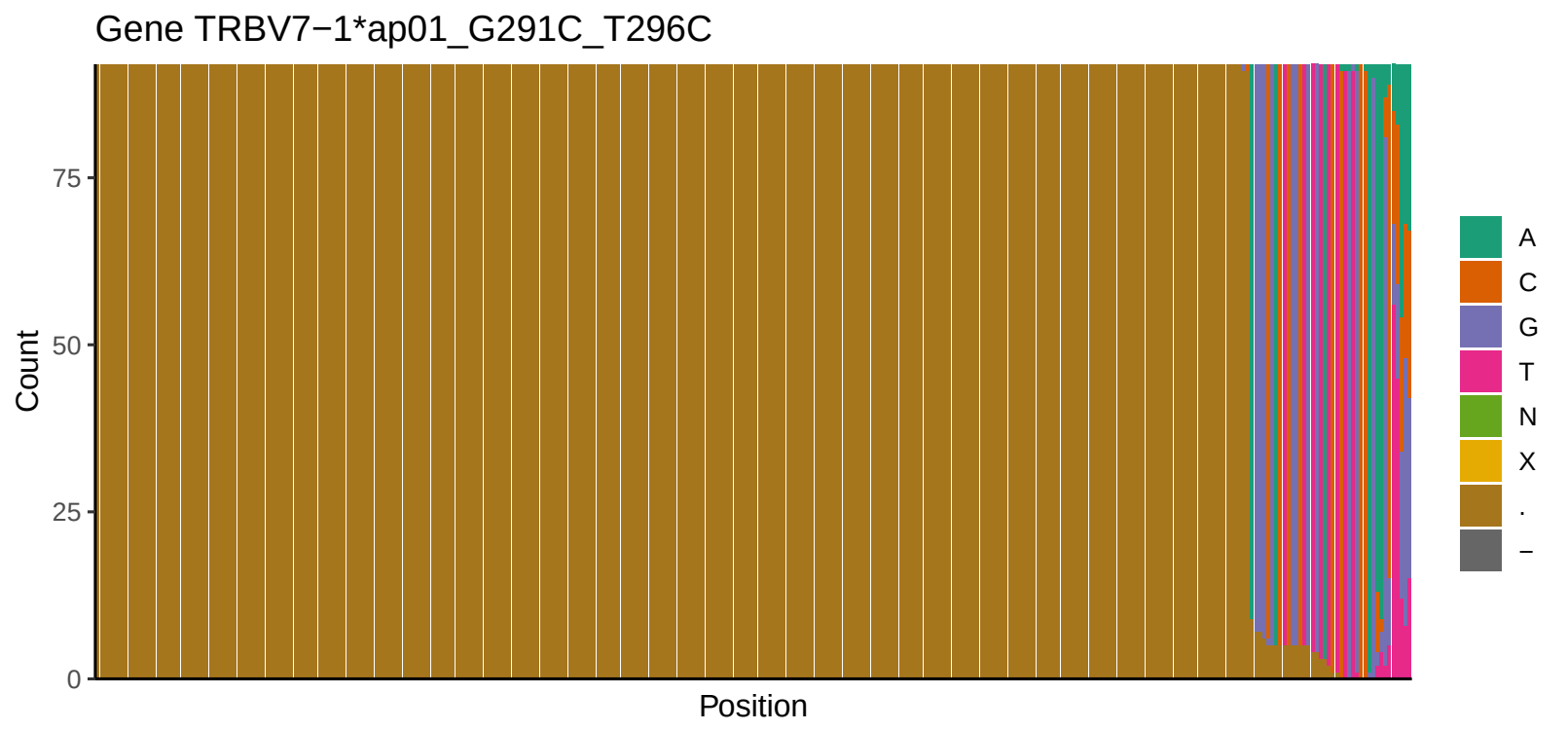
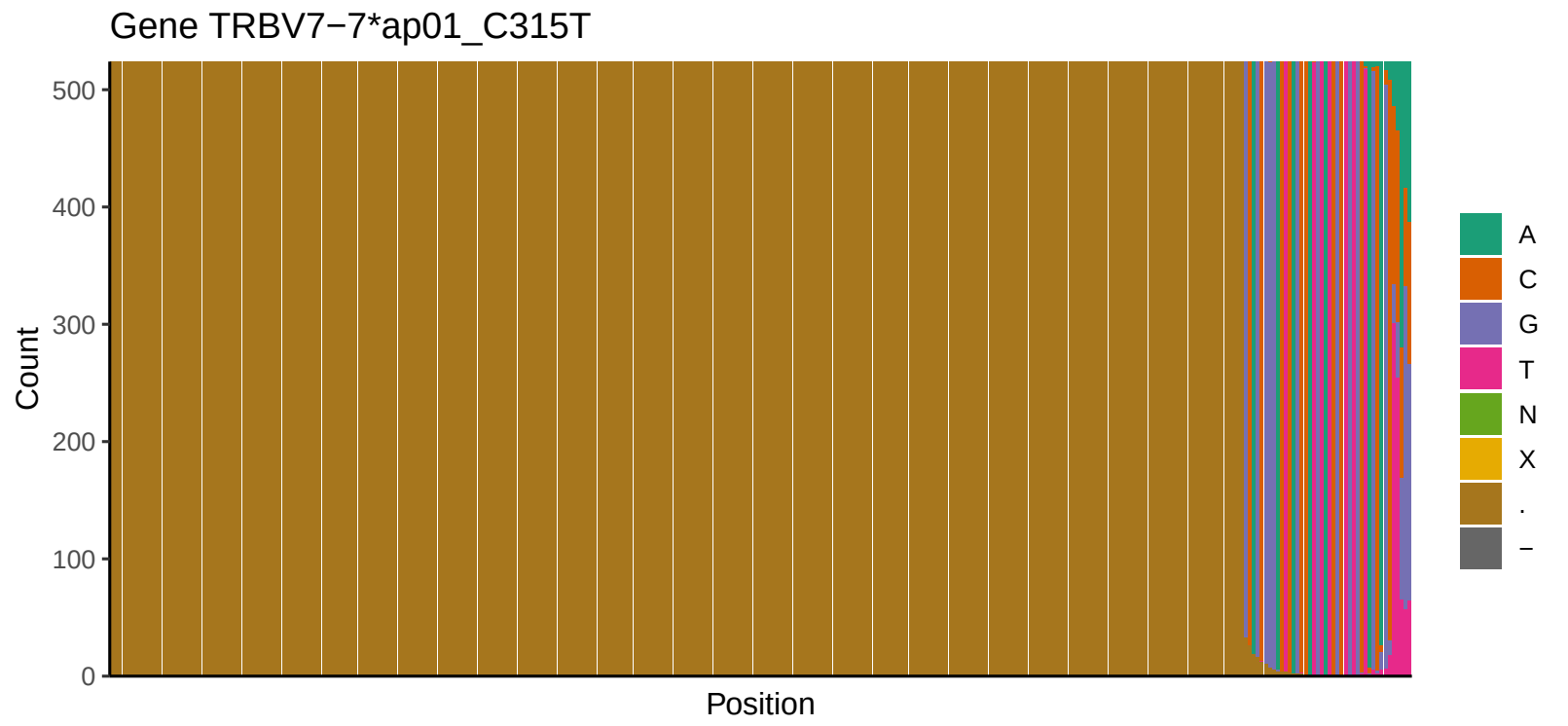
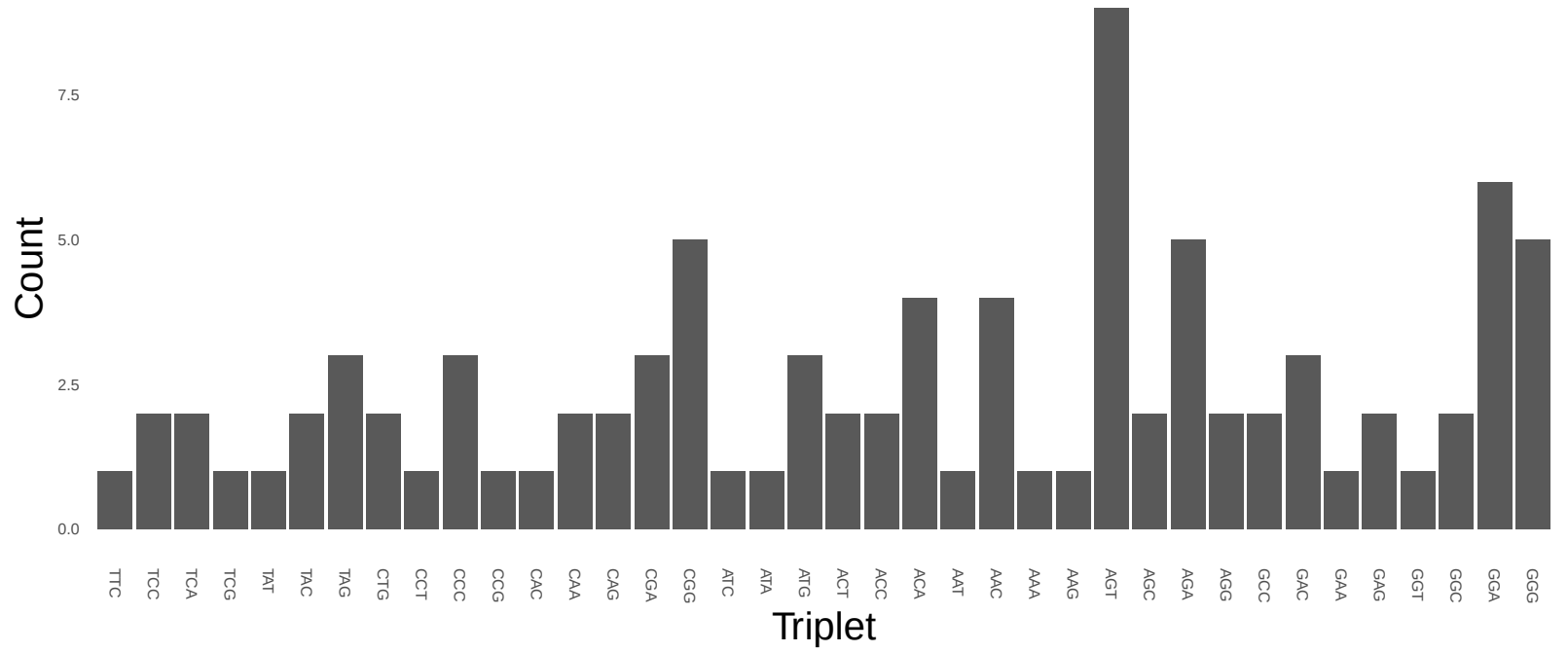

Gene TRBV7−1*ap01_G291C_T296C
Count
75
50
25
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
500
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

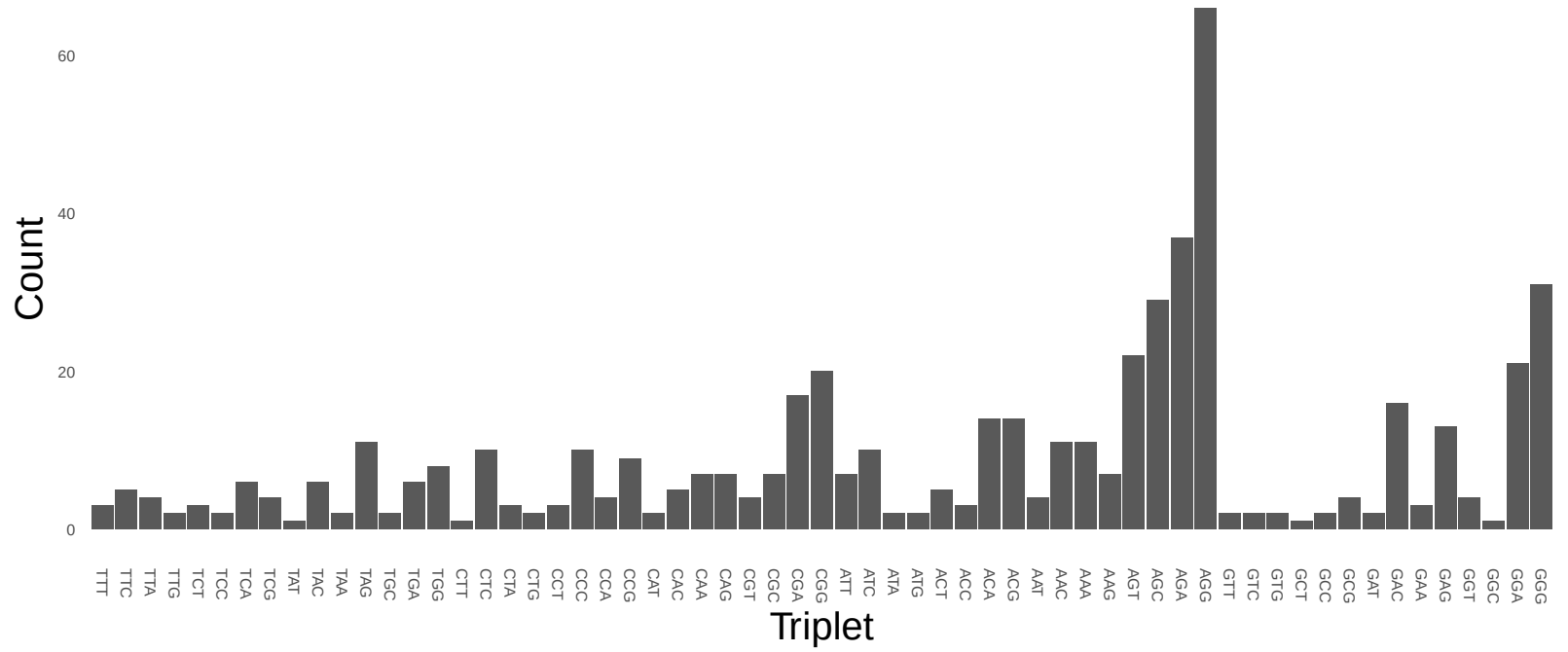

Gene TRBV7−1*ap01_G291C_T296C
Count
75
50
25
0
Position
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
Count
500
400
300
200
100
0
Position
A
C
G
T
N
X
.
–

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

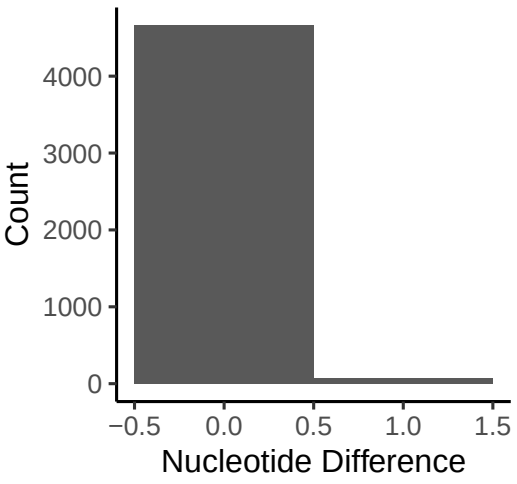


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



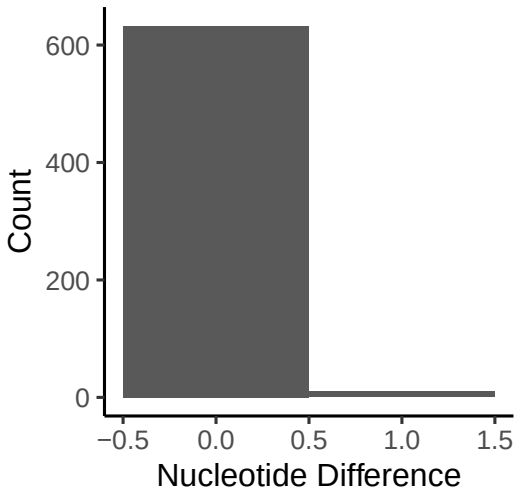
TRBV20−1*ap01

4730 sequences assigned
4660 (98.5%) exact matches, in which:
4551 unique CDR3
13 unique J



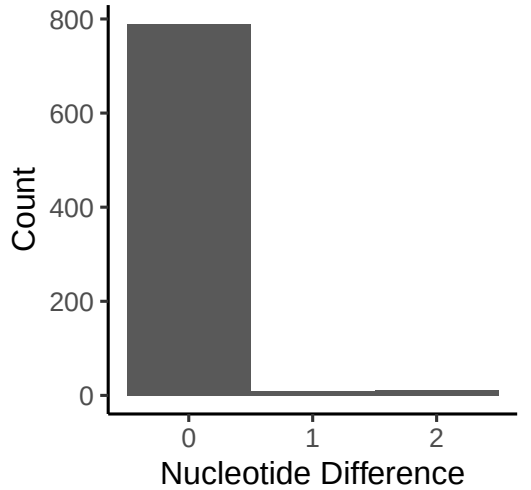
TRBV10−2*ap01

643 sequences assigned
633 (98.4%) exact matches, in which:
616 unique CDR3
13 unique J



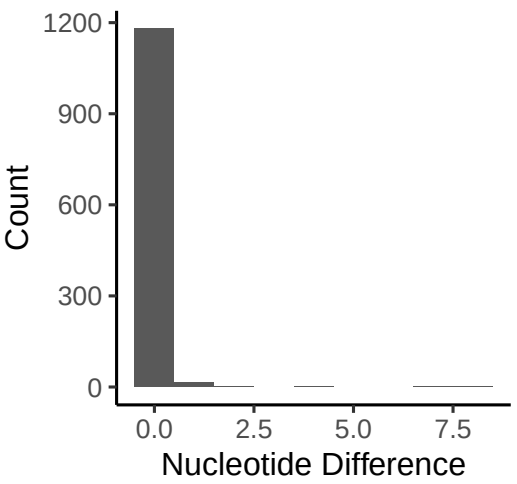
TRBV13*ap01

811 sequences assigned
790 (97.4%) exact matches, in which:
772 unique CDR3
13 unique J



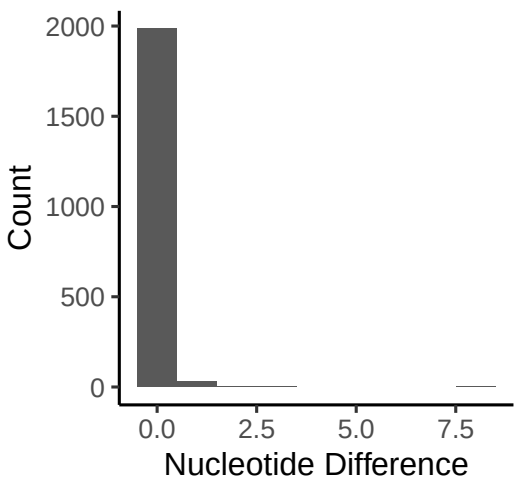
TRBV10−1*ap01

1199 sequences assigned
1180 (98.4%) exact matches, in which:
1147 unique CDR3
13 unique J



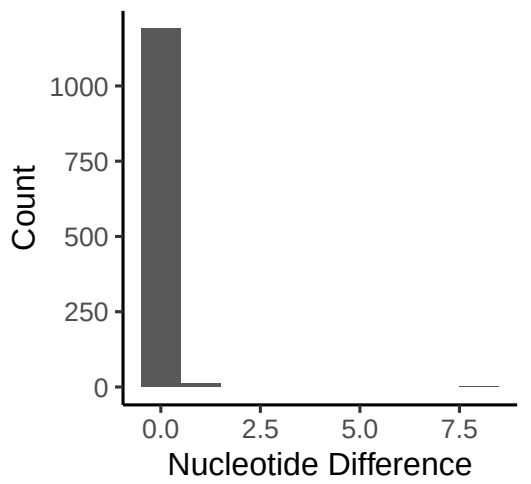
TRBV10−3*ap01

2017 sequences assigned
1985 (98.4%) exact matches, in which:
1944 unique CDR3
13 unique J



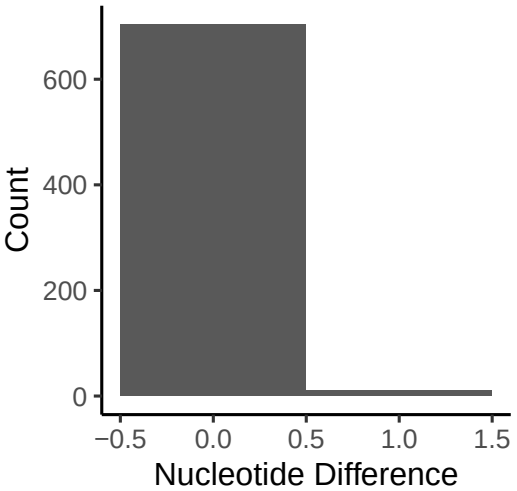
TRBV14*ap01

1204 sequences assigned
1190 (98.8%) exact matches, in which:
1166 unique CDR3
13 unique J



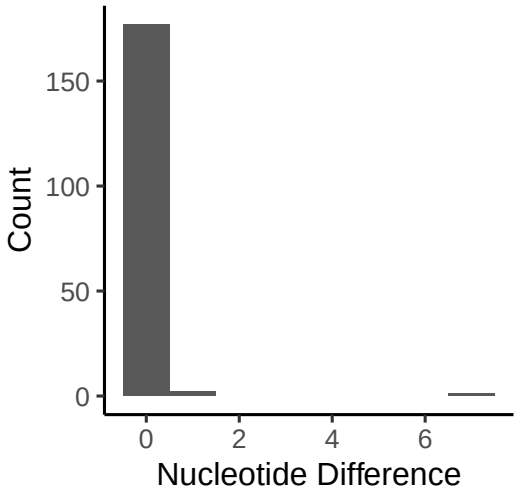
TRBV20−1*ap02

714 sequences assigned
704 (98.6%) exact matches, in which:
694 unique CDR3
13 unique J



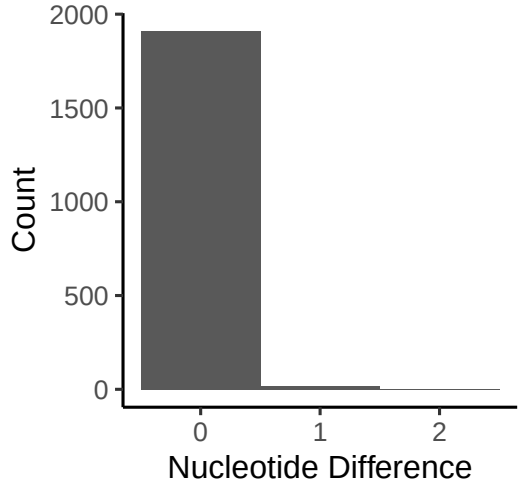
TRBV1*ap01

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



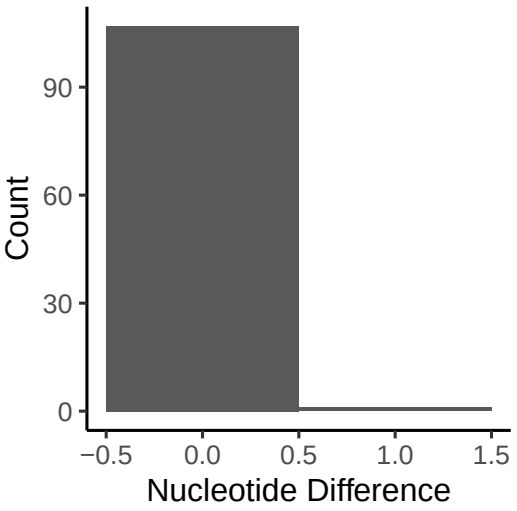
TRBV15*ap02

1930 sequences assigned
1910 (99%) exact matches, in which:
1871 unique CDR3
13 unique J



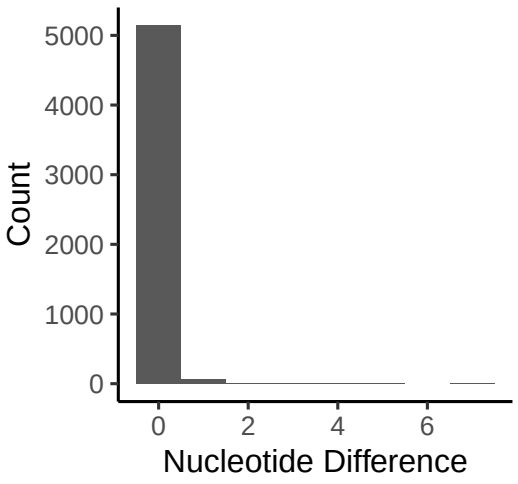
TRBV16*ap01

108 sequences assigned
107 (99.1%) exact matches, in which:
107 unique CDR3
12 unique J



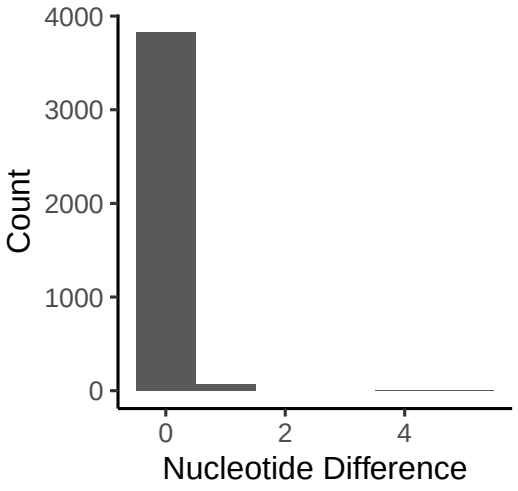
TRBV19*ap01

5207 sequences assigned
5143 (98.8%) exact matches, in which:
5070 unique CDR3
13 unique J



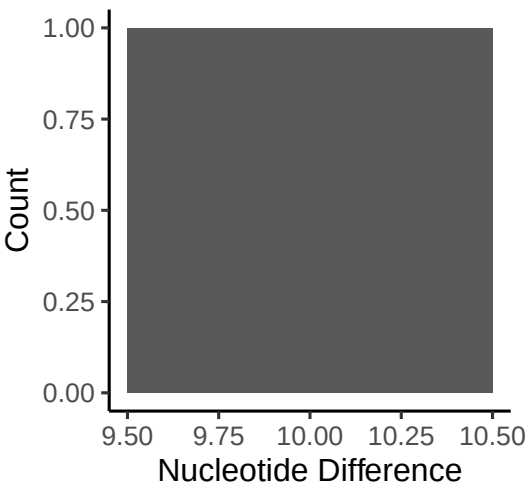
TRBV27*ap01

3893 sequences assigned
3826 (98.3%) exact matches, in which:
3746 unique CDR3
13 unique J



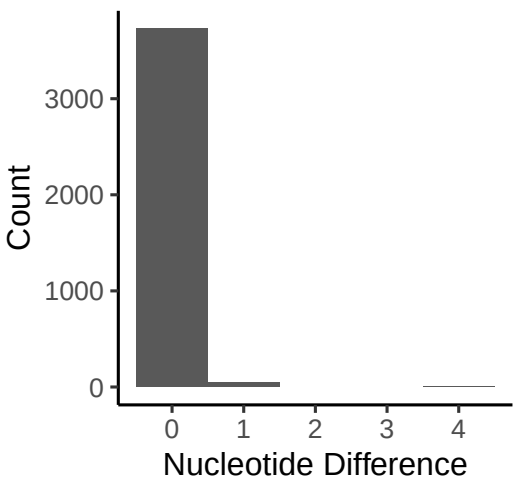
TRBV17*ap01

1 sequences assigned
No exact matches.



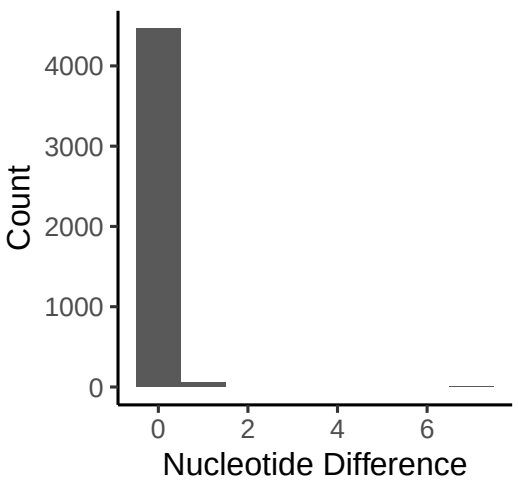
TRBV2*ap01

3772 sequences assigned
3728 (98.8%) exact matches, in which:
3667 unique CDR3
13 unique J



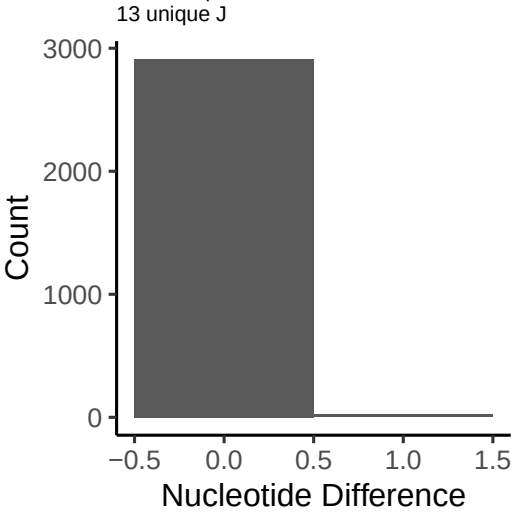
TRBV28*ap01

4519 sequences assigned
4463 (98.8%) exact matches, in which:
4351 unique CDR3
13 unique J



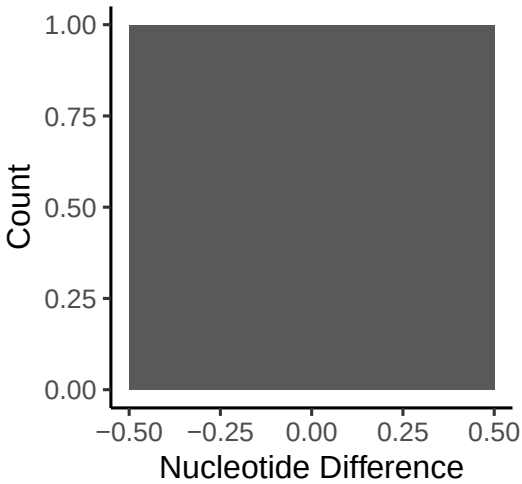
TRBV18*ap01

2935 sequences assigned
2912 (99.2%) exact matches, in which:
2859 unique CDR3
13 unique J



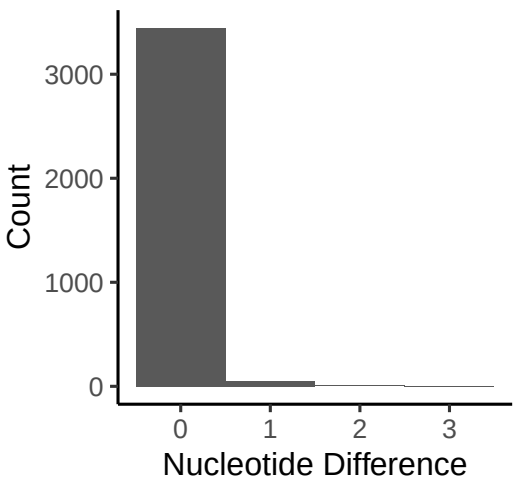
TRBV26*ap01

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



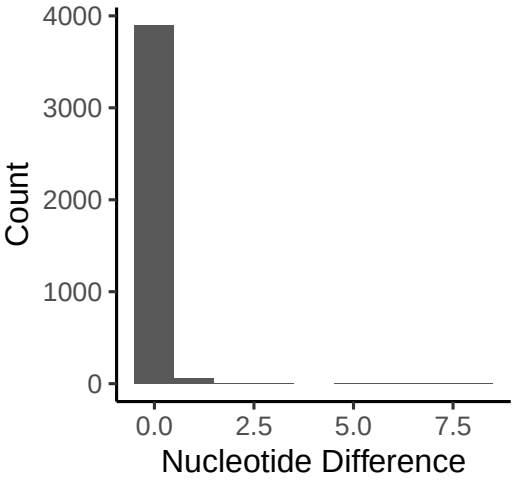
TRBV30*ap01

3506 sequences assigned
3444 (98.2%) exact matches, in which:
3405 unique CDR3
13 unique J



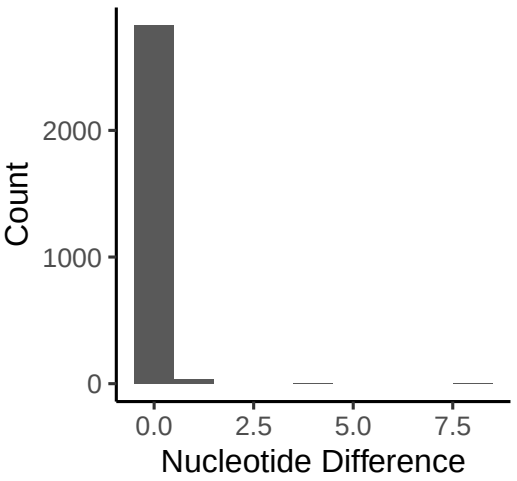
TRBV9*ap01

3959 sequences assigned
3896 (98.4%) exact matches, in which:
3793 unique CDR3
13 unique J



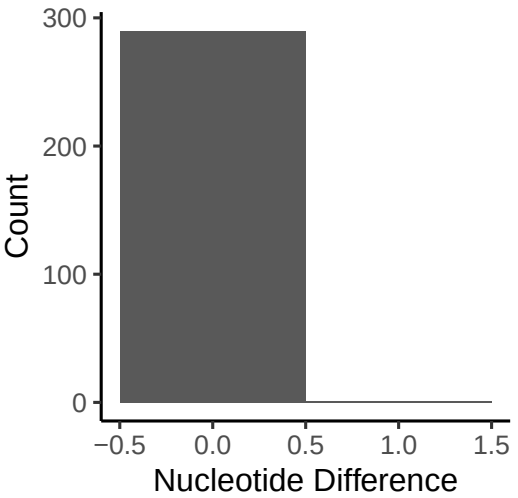
TRBV11−2*ap01

2865 sequences assigned
2829 (98.7%) exact matches, in which:
2768 unique CDR3
13 unique J



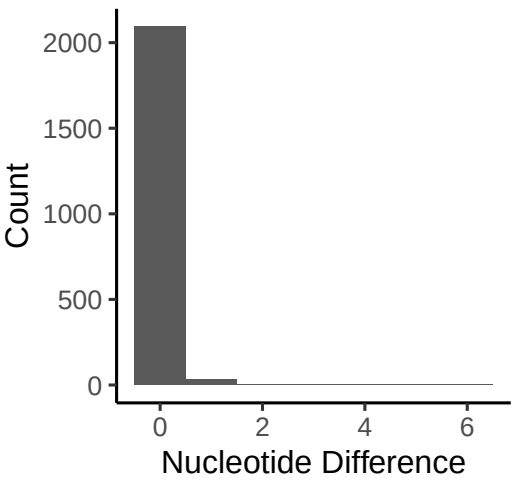
TRBV12−2*ap01

291 sequences assigned
290 (99.7%) exact matches, in which:
286 unique CDR3
13 unique J



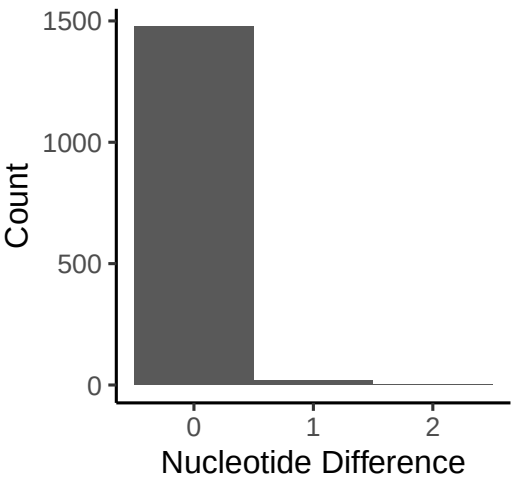
TRBV21−1*ap01

2132 sequences assigned
2093 (98.2%) exact matches, in which:
2061 unique CDR3
13 unique J



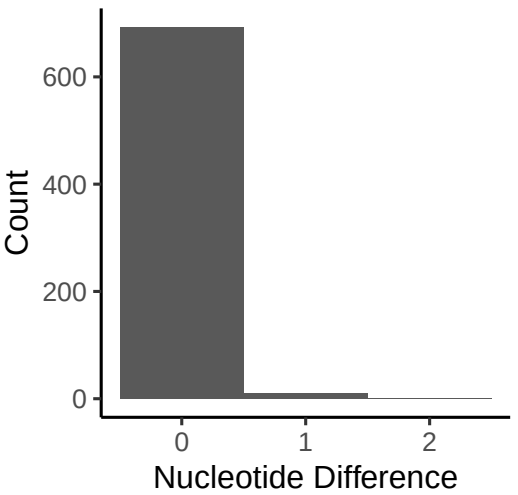
TRBV11−3*ap01

1496 sequences assigned
1476 (98.7%) exact matches, in which:
1445 unique CDR3
13 unique J



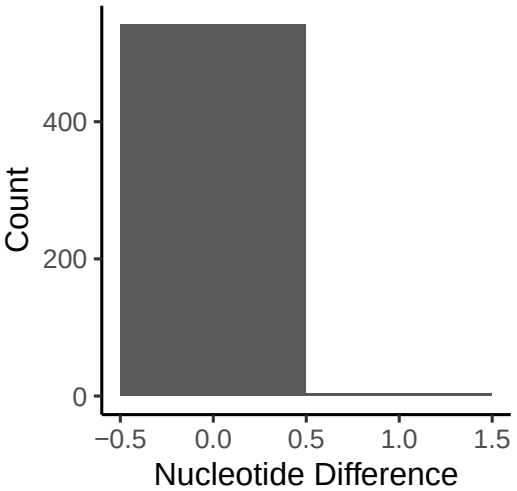
TRBV12−5*ap01

705 sequences assigned
693 (98.3%) exact matches, in which:
676 unique CDR3
13 unique J



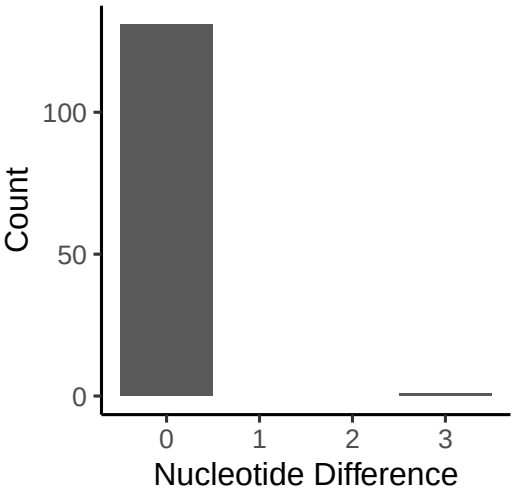
TRBV11−1*ap01

546 sequences assigned
542 (99.3%) exact matches, in which:
532 unique CDR3
13 unique J



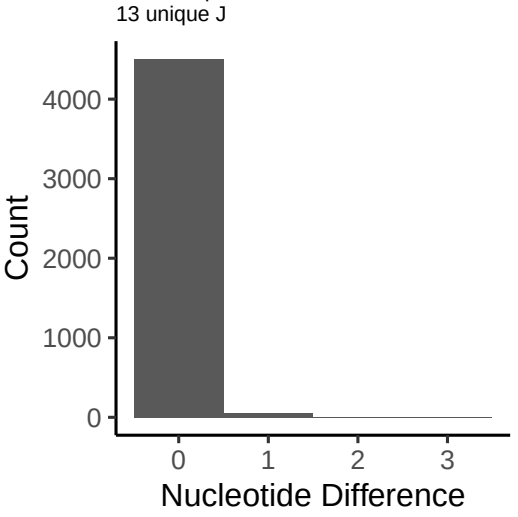
TRBV12−1*ap01

132 sequences assigned
131 (99.2%) exact matches, in which:
129 unique CDR3
13 unique J



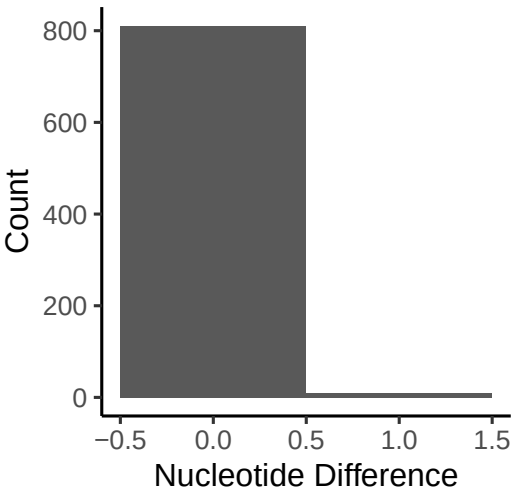
TRBV12−34*ap01

4561 sequences assigned
4504 (98.8%) exact matches, in which:
4433 unique CDR3
13 unique J



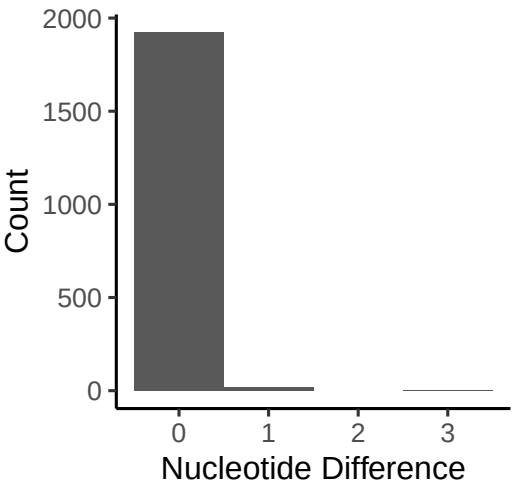
TRBV23−1*ap01

820 sequences assigned
811 (98.9%) exact matches, in which:
786 unique CDR3
13 unique J



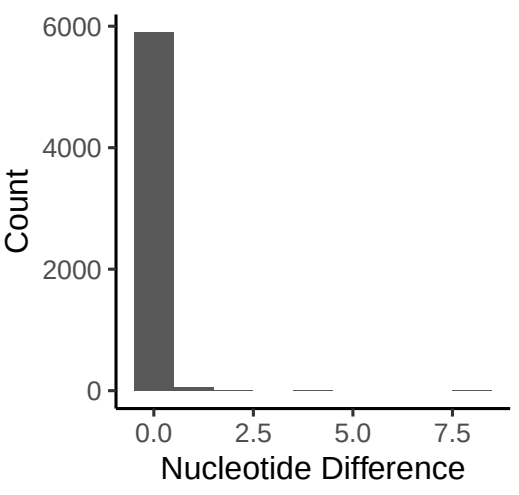
TRBV4−1*ap01

1942 sequences assigned
1923 (99%) exact matches, in which:
1889 unique CDR3
13 unique J



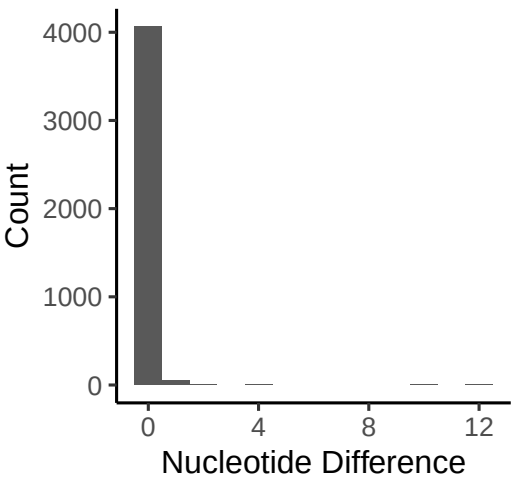
TRBV5−1*ap01

5965 sequences assigned
5898 (98.9%) exact matches, in which:
5780 unique CDR3
13 unique J



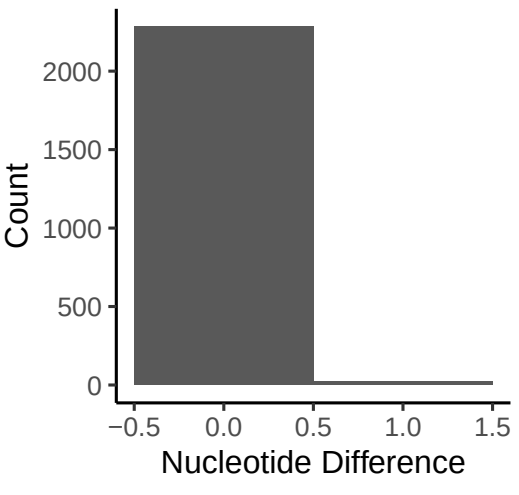
TRBV3−12*ap01

4117 sequences assigned
4063 (98.7%) exact matches, in which:
3997 unique CDR3
13 unique J



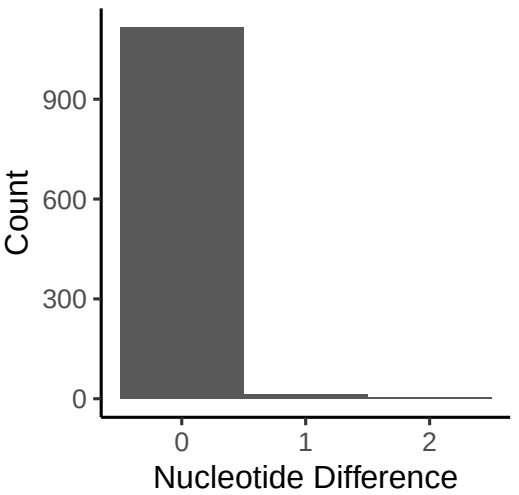
TRBV4−2*ap01

2307 sequences assigned
2283 (99%) exact matches, in which:
2239 unique CDR3
13 unique J



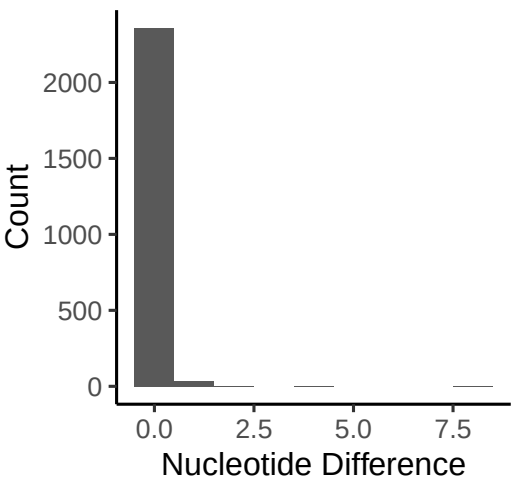
TRBV25−1*ap01

1136 sequences assigned
1117 (98.3%) exact matches, in which:
1101 unique CDR3
13 unique J



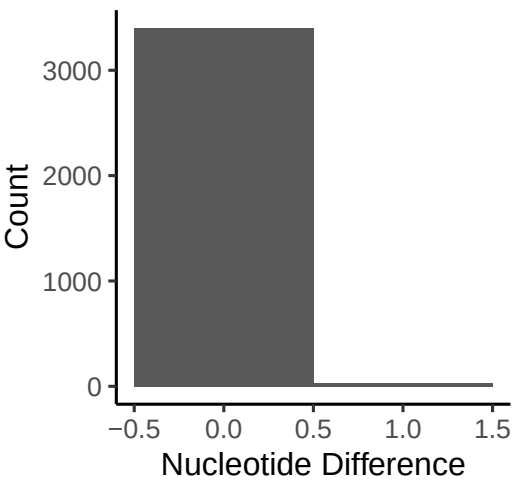
TRBV24−1*ap01

2398 sequences assigned
2358 (98.3%) exact matches, in which:
2328 unique CDR3
13 unique J



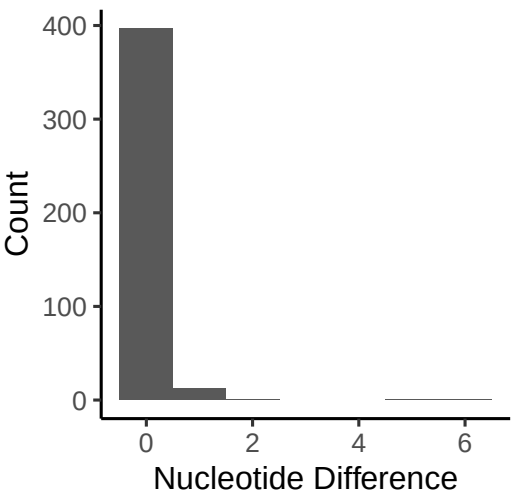
TRBV4−3*ap01

3433 sequences assigned
3401 (99.1%) exact matches, in which:
3337 unique CDR3
13 unique J



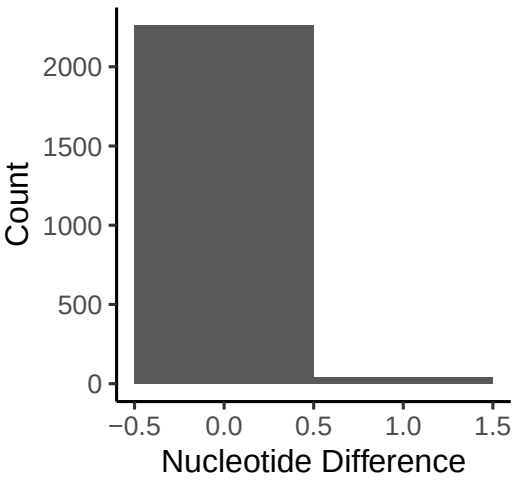
TRBV5−3*ap01

412 sequences assigned
397 (96.4%) exact matches, in which:
391 unique CDR3
13 unique J



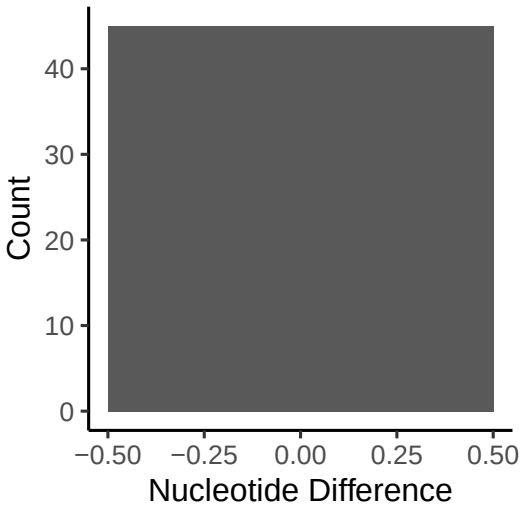
TRBV5−4*ap01

2299 sequences assigned
2261 (98.3%) exact matches, in which:
2212 unique CDR3
13 unique J



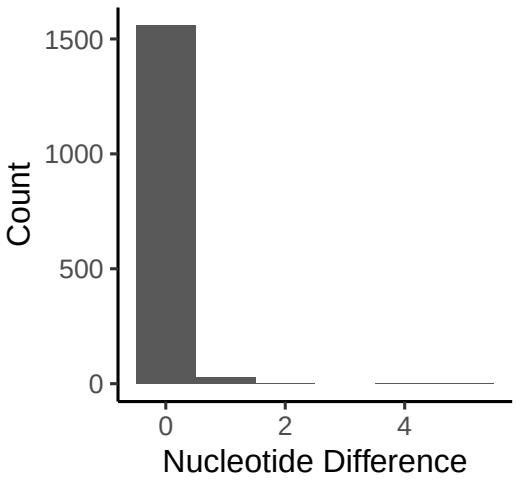
TRBV5−7*ap01

45 sequences assigned
45 (100%) exact matches, in which:
43 unique CDR3
11 unique J



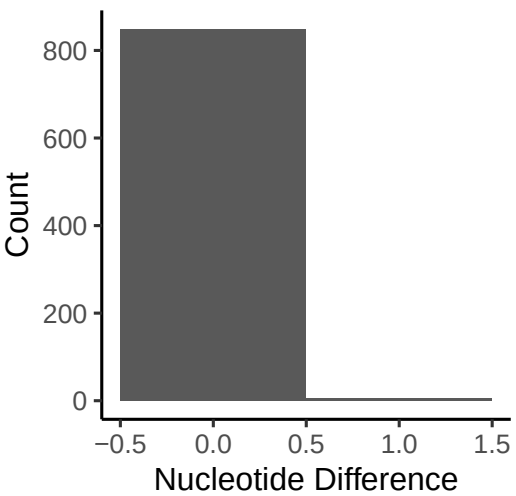
TRBV6−4*ap01

1591 sequences assigned
1559 (98%) exact matches, in which:
1531 unique CDR3
13 unique J



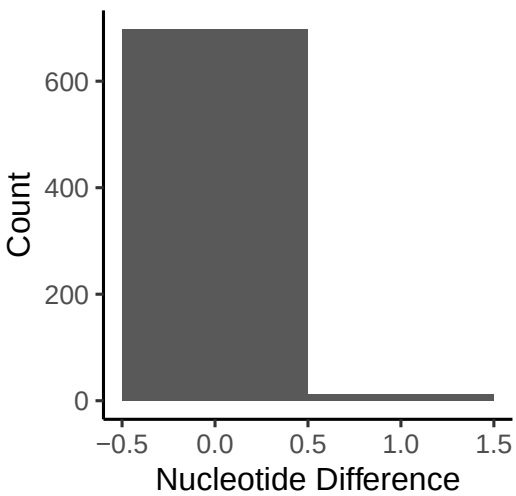
TRBV5−5*ap01

854 sequences assigned
849 (99.4%) exact matches, in which:
839 unique CDR3
13 unique J



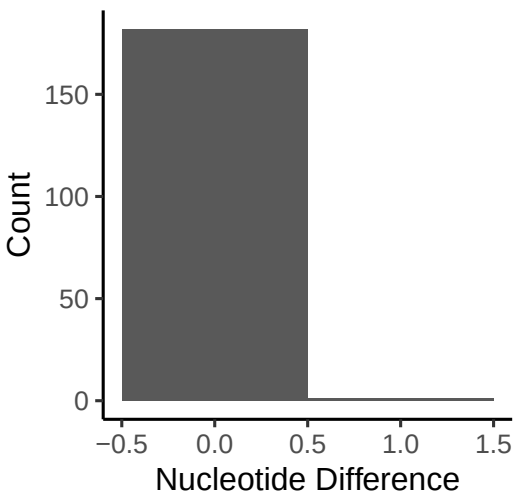
TRBV5−8*ap01

710 sequences assigned
698 (98.3%) exact matches, in which:
685 unique CDR3
13 unique J



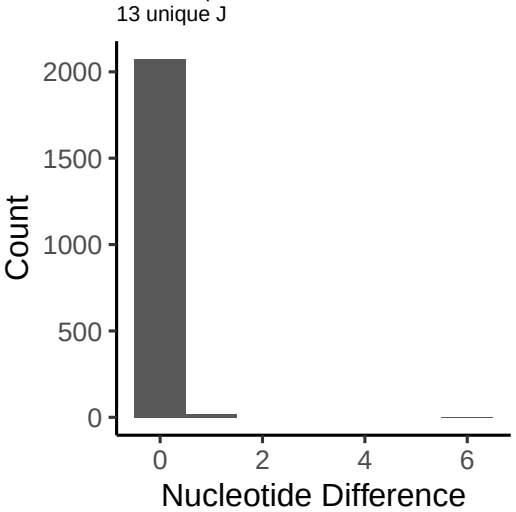
TRBV6−7*ap01

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



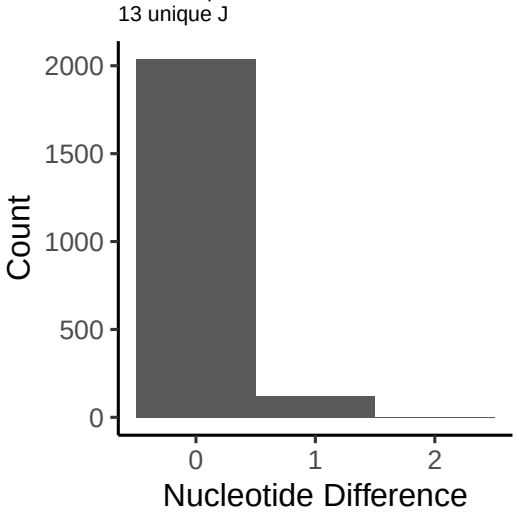
TRBV5−6*ap01

2095 sequences assigned
2074 (99%) exact matches, in which:
2039 unique CDR3
13 unique J



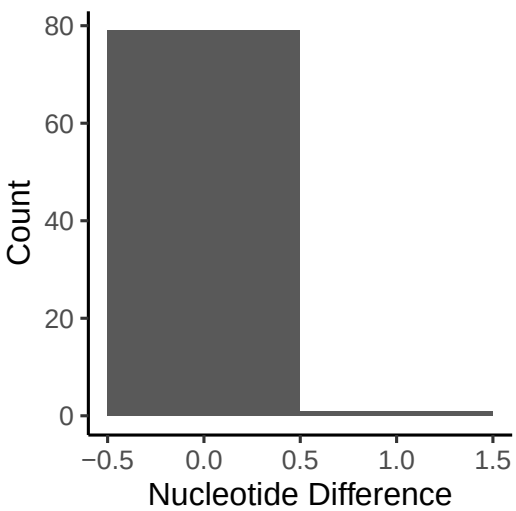
TRBV6−1*ap01

2162 sequences assigned
2038 (94.3%) exact matches, in which:
1997 unique CDR3
13 unique J



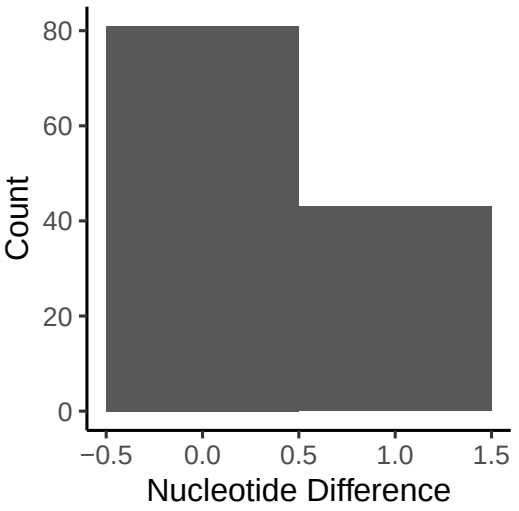
TRBV6−8*ap01

80 sequences assigned
79 (98.8%) exact matches, in which:
78 unique CDR3
13 unique J



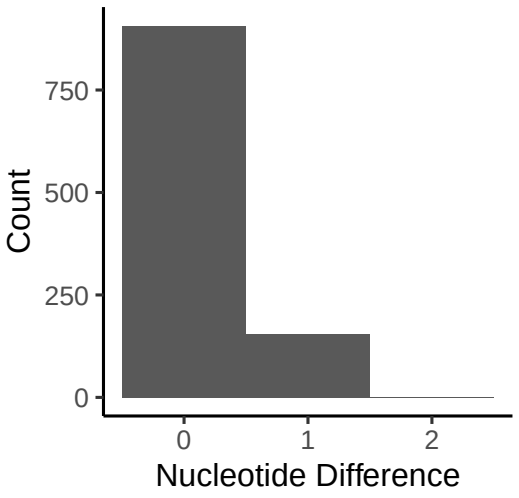
TRBV6−9*ap01

124 sequences assigned
81 (65.3%) exact matches, in which:
78 unique CDR3
12 unique J



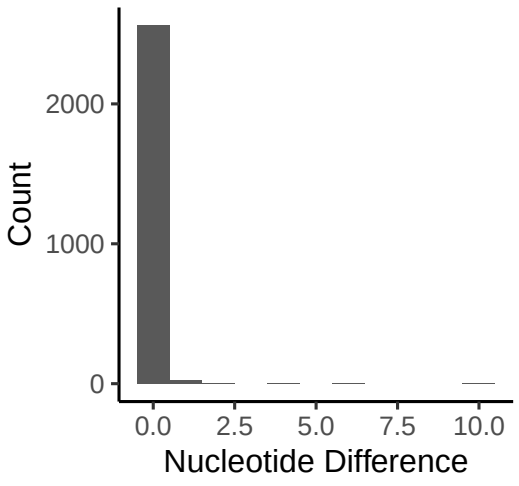
TRBV6−56*ap02

1062 sequences assigned
907 (85.4%) exact matches, in which:
886 unique CDR3
13 unique J



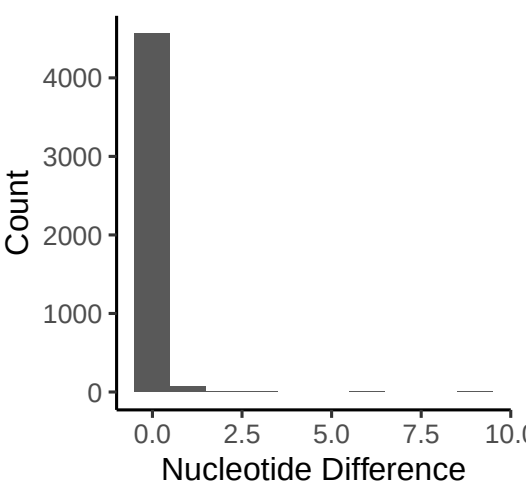
TRBV7−3*ap01

2590 sequences assigned
2561 (98.9%) exact matches, in which:
2507 unique CDR3
13 unique J



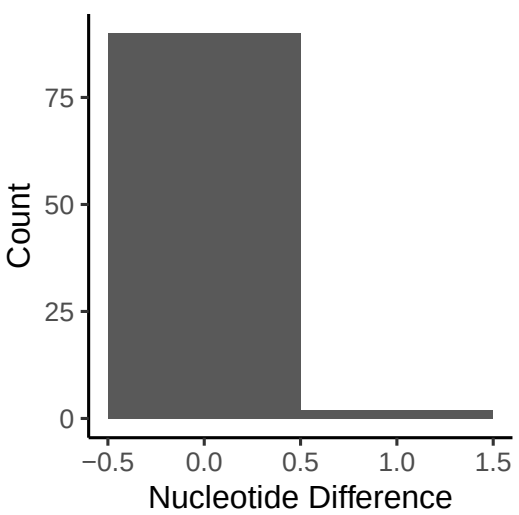
TRBV6−23*ap01

4631 sequences assigned
4562 (98.5%) exact matches, in which:
4492 unique CDR3
14 unique J



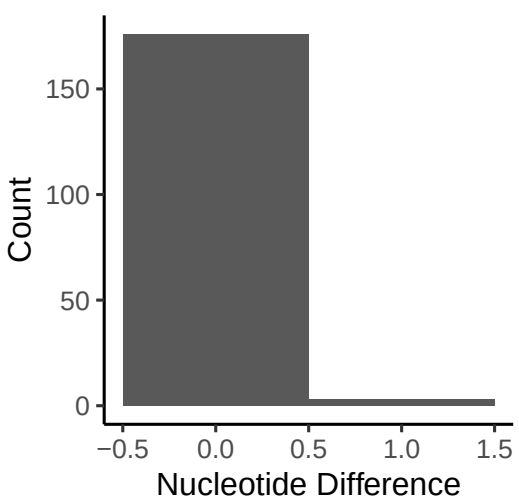
TRBV7−1*ap01_G291C_T

92 sequences assigned
90 (97.8%) exact matches, in which:
89 unique CDR3
13 unique J



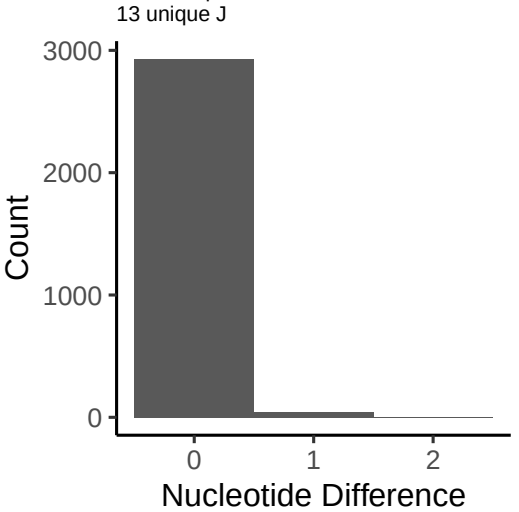
TRBV7−4*ap01

179 sequences assigned
176 (98.3%) exact matches, in which:
174 unique CDR3
13 unique J



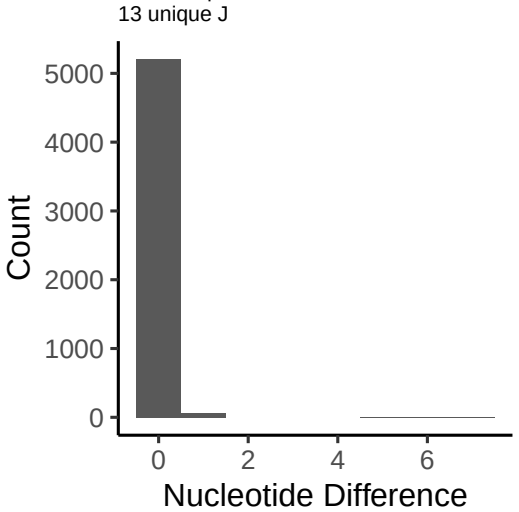
TRBV6−56*ap01

2973 sequences assigned
2929 (98.5%) exact matches, in which:
2867 unique CDR3
13 unique J



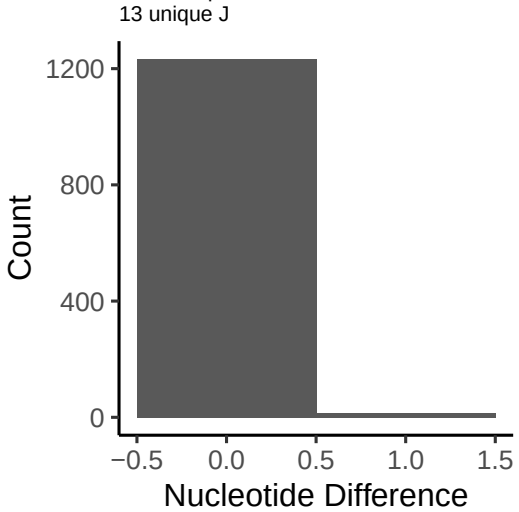
TRBV7−2*ap01

5276 sequences assigned
5208 (98.7%) exact matches, in which:
5100 unique CDR3
13 unique J



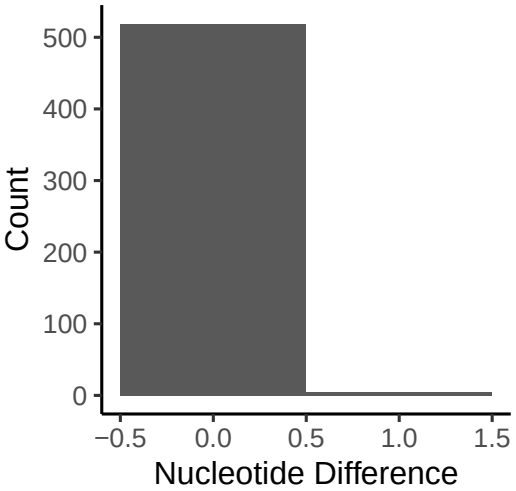
TRBV7−6*ap01

1247 sequences assigned
1233 (98.9%) exact matches, in which:
1201 unique CDR3
13 unique J



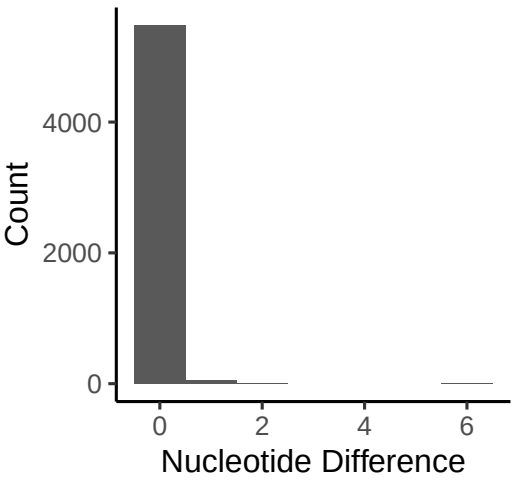
TRBV7−7*ap01_C315T

524 sequences assigned
519 (99%) exact matches, in which:
513 unique CDR3
13 unique J



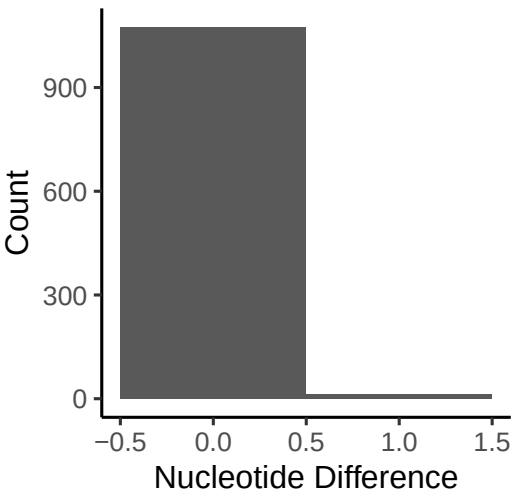
TRBV7−9*ap01

5533 sequences assigned
5478 (99%) exact matches, in which:
5376 unique CDR3
13 unique J



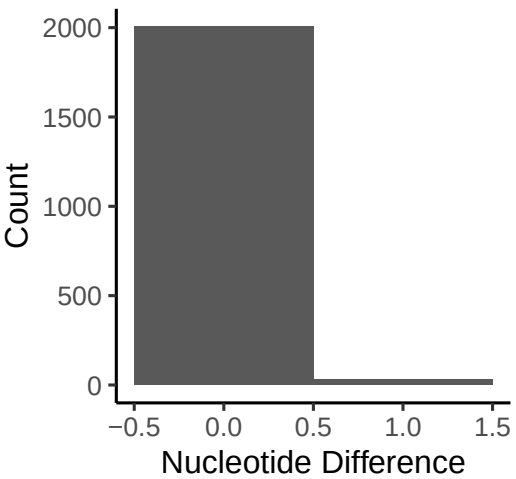
TRBV7−8*ap01

1087 sequences assigned
1075 (98.9%) exact matches, in which:
1050 unique CDR3
13 unique J



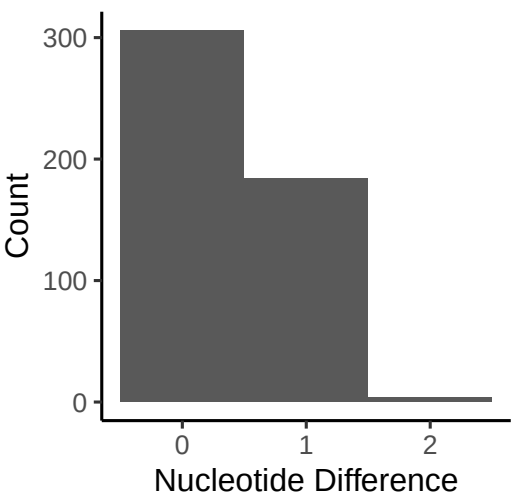
TRBV29−1*ap01

2033 sequences assigned
2005 (98.6%) exact matches, in which:
1980 unique CDR3
13 unique J



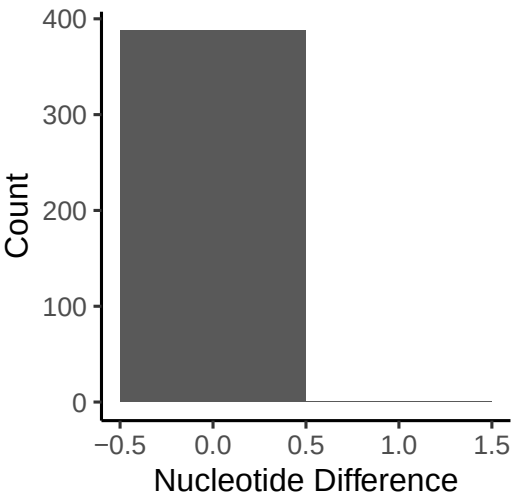
TRBV7−8*ap03

494 sequences assigned
306 (61.9%) exact matches, in which:
302 unique CDR3
13 unique J

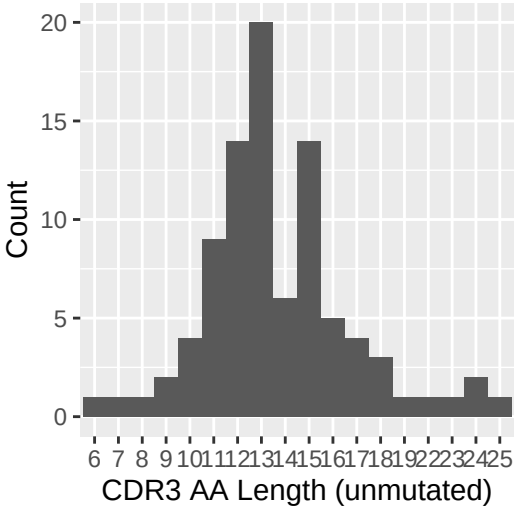


TRBV29−1*ap02

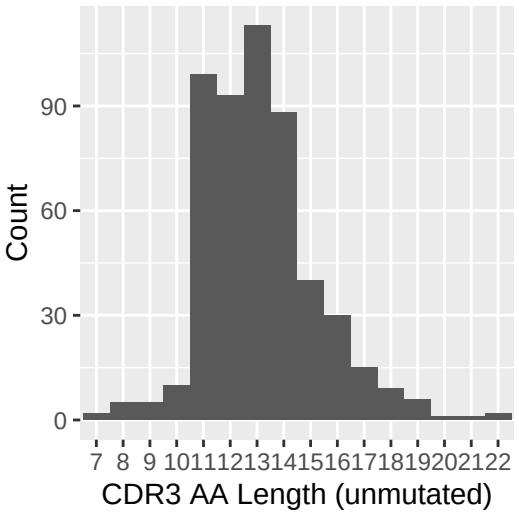
389 sequences assigned
388 (99.7%) exact matches, in which:
381 unique CDR3
13 unique J



TRBV7−1*ap01_G291C_T296C



TRBV7−7*ap01_C315T



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

Warning − no inferred sequences found.

Warning − no inferred sequences found.

Warning − no inferred sequences found.