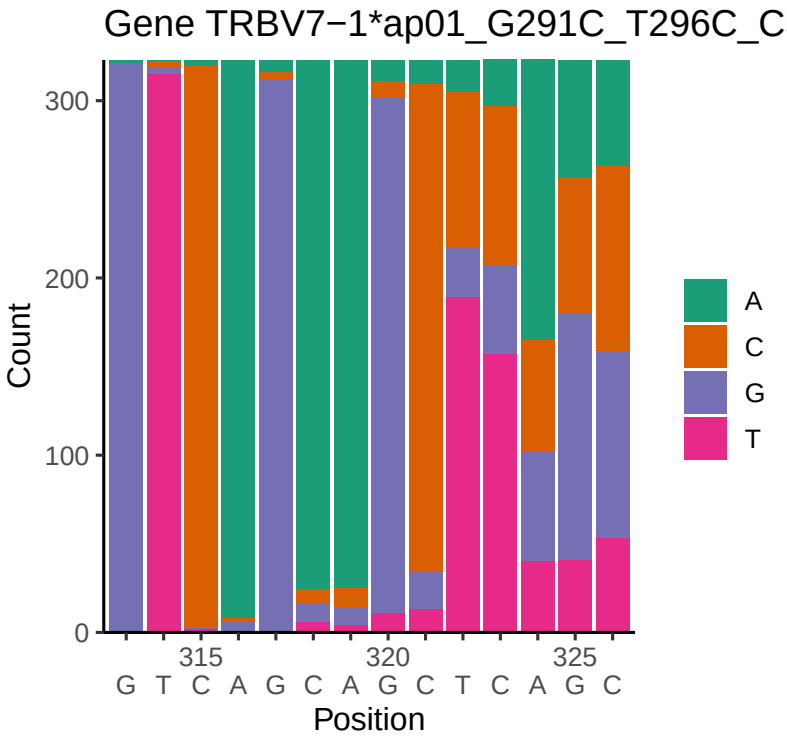
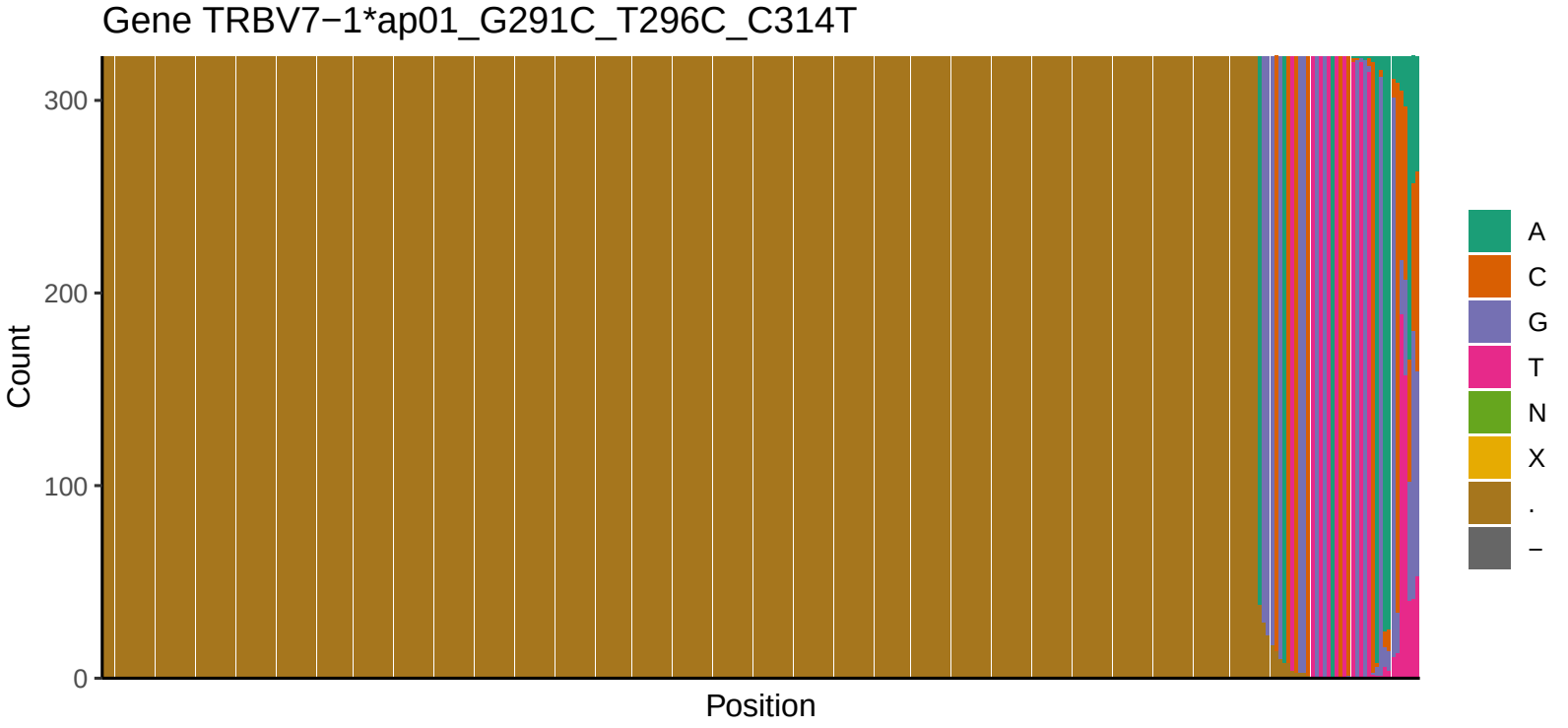
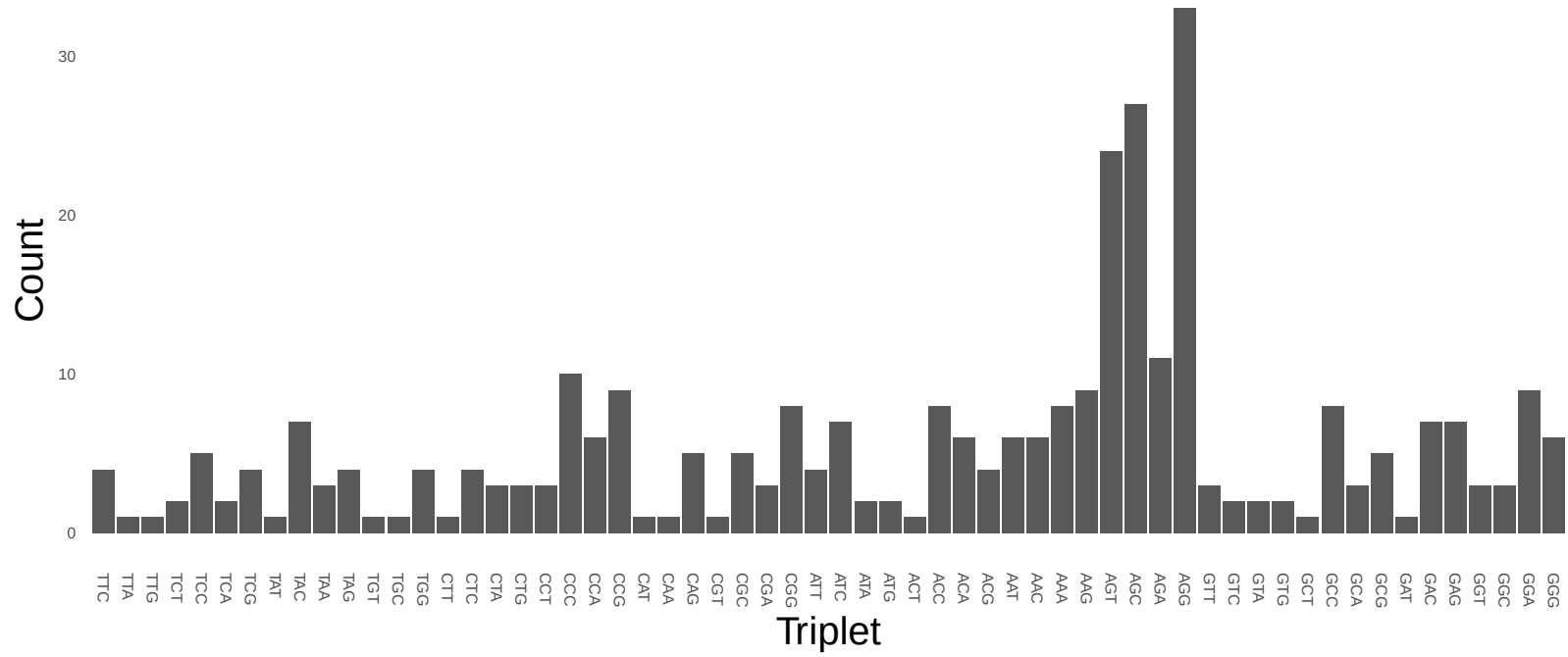

Gene TRBV7−1*ap01_G291C_T296C_C314T
Count
300
200
100
0
315
320
325
G T C A G C A G C T C A G C
Position
A
C
G
T

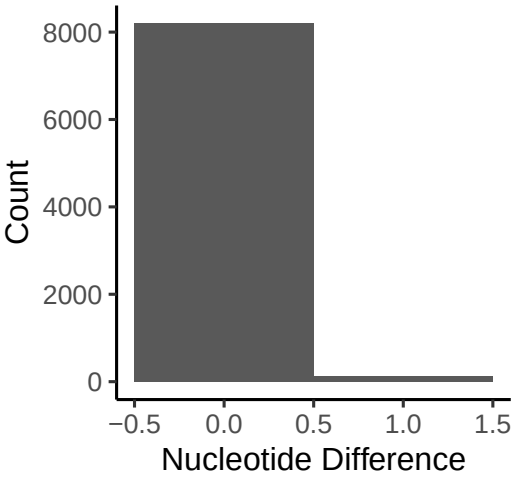

Gene TRBV7−1*ap01_G291C_T296C_C314T
Count
300
200
100
0
Position
A
C
G
T
N
X
.
–

TRBV7−1*ap01_G291C_T296C_C314T− Final 3 nucleotides as a triplet



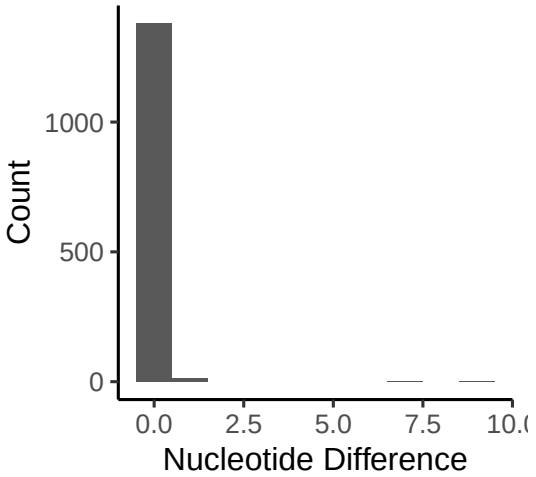
TRBV20−1*ap01

8318 sequences assigned
8199 (98.6%) exact matches, in which:
7994 unique CDR3
13 unique J



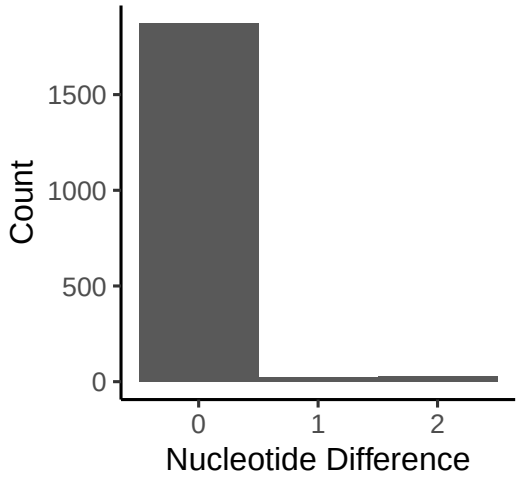
TRBV10−2*ap01

1396 sequences assigned
1380 (98.9%) exact matches, in which:
1341 unique CDR3
13 unique J



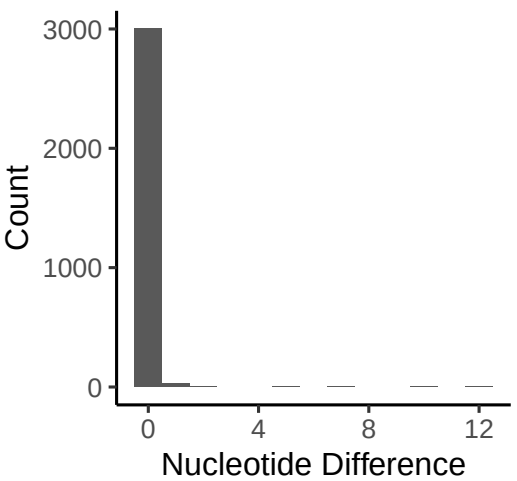
TRBV13*ap01

1924 sequences assigned
1872 (97.3%) exact matches, in which:
1816 unique CDR3
13 unique J



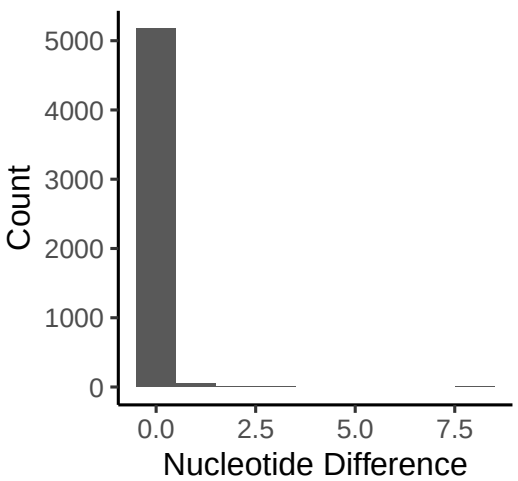
TRBV10−1*ap01

3037 sequences assigned
3002 (98.8%) exact matches, in which:
2904 unique CDR3
13 unique J



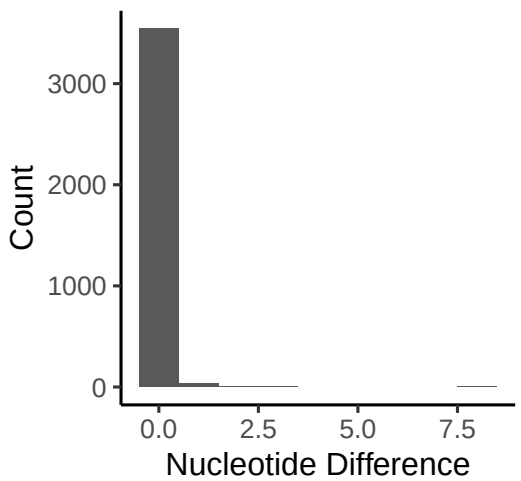
TRBV10−3*ap01

5236 sequences assigned
5173 (98.8%) exact matches, in which:
5018 unique CDR3
13 unique J



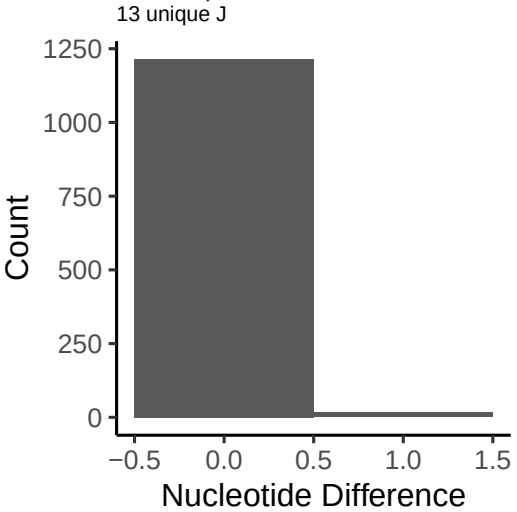
TRBV14*ap01

3587 sequences assigned
3543 (98.8%) exact matches, in which:
3439 unique CDR3
13 unique J



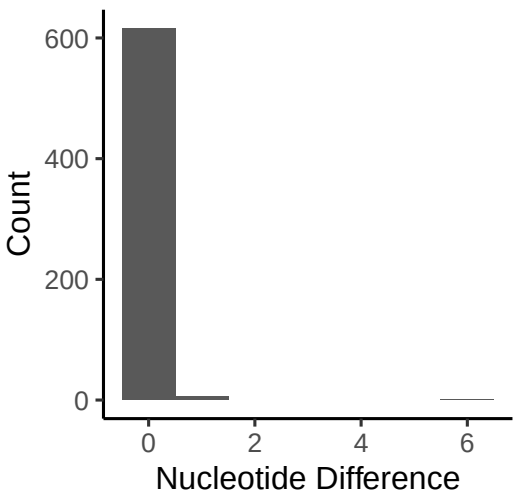
TRBV20−1*ap02

1231 sequences assigned
1215 (98.7%) exact matches, in which:
1172 unique CDR3
13 unique J



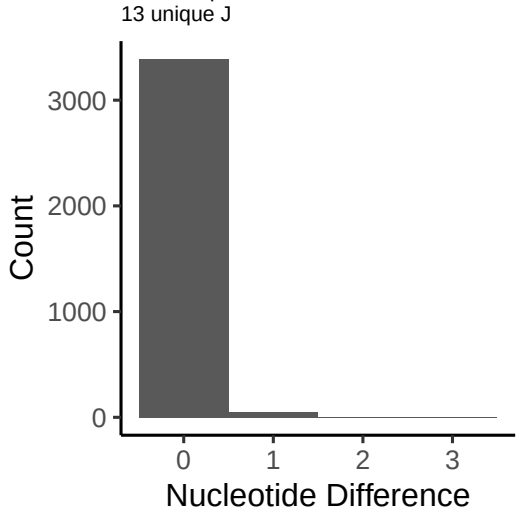
TRBV1*ap01

623 sequences assigned
616 (98.9%) exact matches, in which:
599 unique CDR3
13 unique J



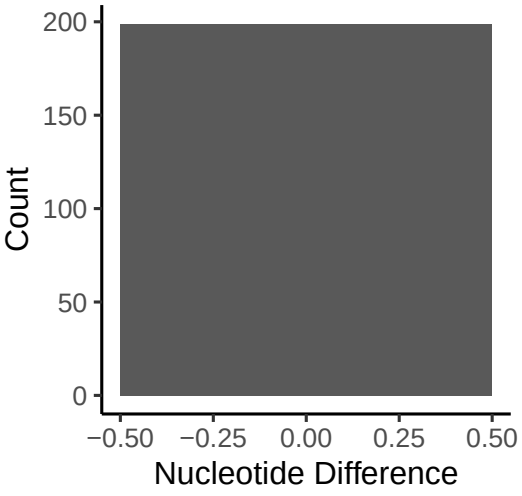
TRBV15*ap02

3441 sequences assigned
3389 (98.5%) exact matches, in which:
3292 unique CDR3
13 unique J



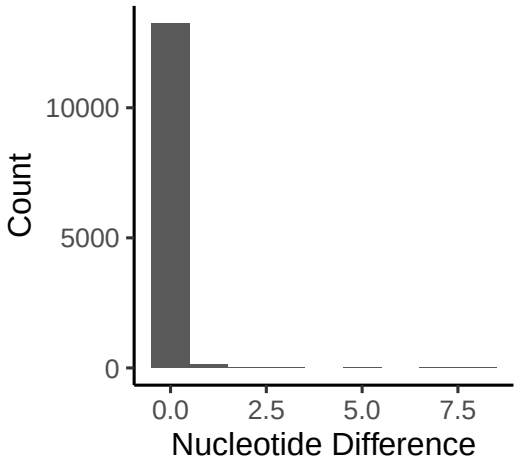
TRBV16*ap01

199 sequences assigned
199 (100%) exact matches, in which:
193 unique CDR3
13 unique J



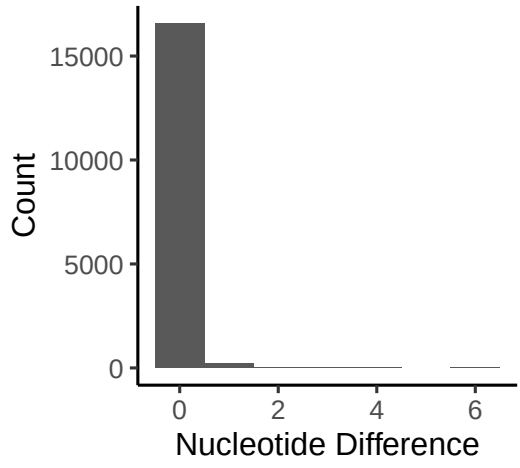
TRBV19*ap01

13417 sequences assigned
13253 (98.8%) exact matches, in which:
12964 unique CDR3
13 unique J



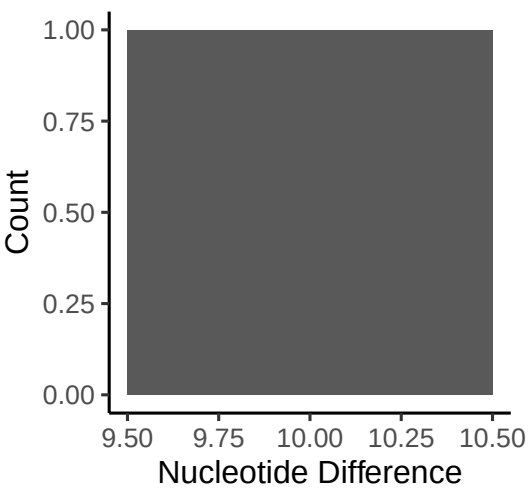
TRBV28*ap01

16790 sequences assigned
16581 (98.8%) exact matches, in which:
16078 unique CDR3
13 unique J



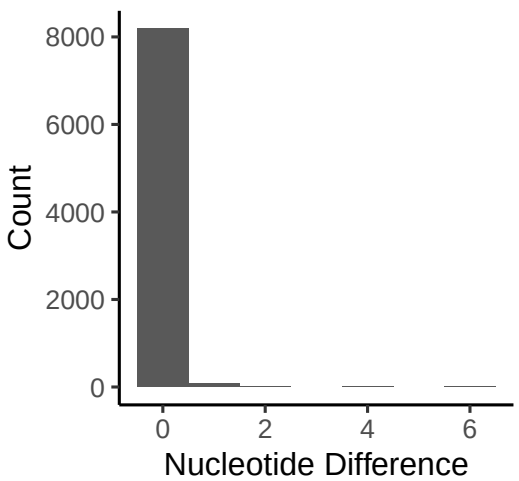
TRBV17*ap01

1 sequences assigned
No exact matches.



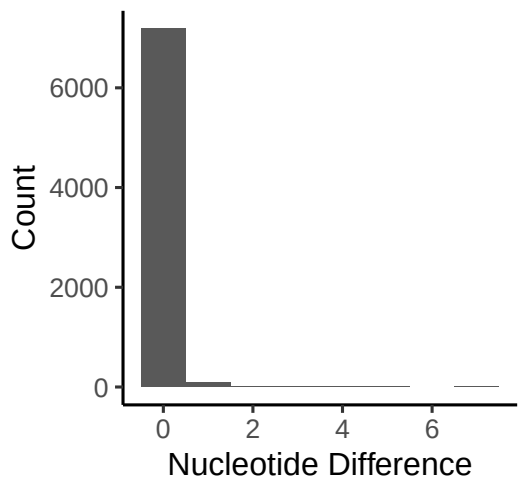
TRBV2*ap01

8282 sequences assigned
8187 (98.9%) exact matches, in which:
7981 unique CDR3
13 unique J



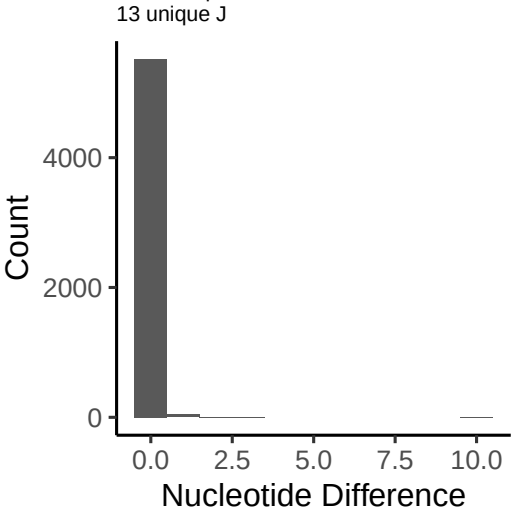
TRBV30*ap01

7304 sequences assigned
7185 (98.4%) exact matches, in which:
7074 unique CDR3
13 unique J



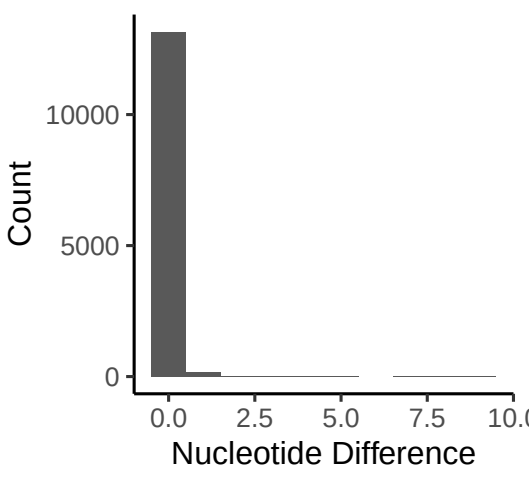
TRBV18*ap01

5565 sequences assigned
5519 (99.2%) exact matches, in which:
5379 unique CDR3
13 unique J



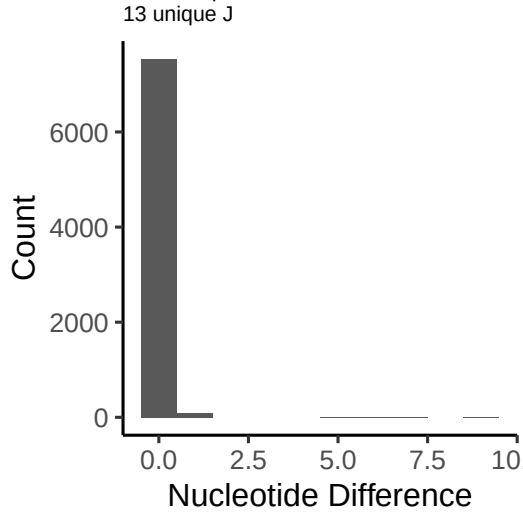
TRBV27*ap01

13335 sequences assigned
13160 (98.7%) exact matches, in which:
12699 unique CDR3
13 unique J



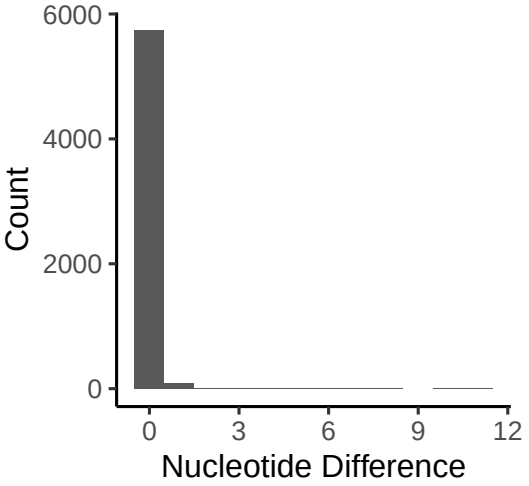
TRBV9*ap01

7625 sequences assigned
7533 (98.8%) exact matches, in which:
7316 unique CDR3
13 unique J



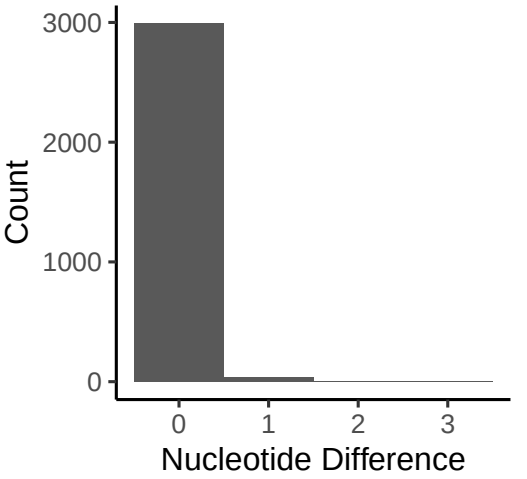
TRBV21−1*ap01

5855 sequences assigned
5737 (98%) exact matches, in which:
5575 unique CDR3
13 unique J



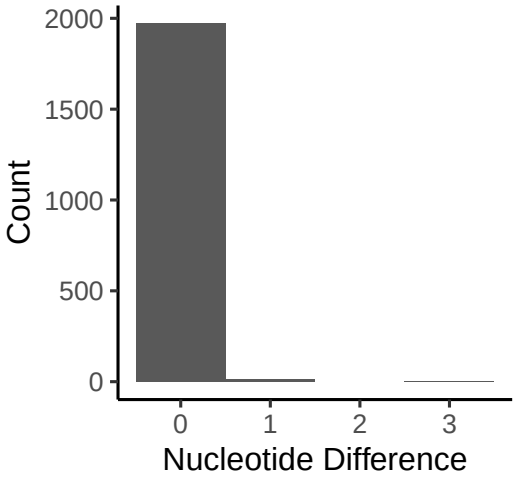
TRBV11−3*ap01

3035 sequences assigned
2992 (98.6%) exact matches, in which:
2918 unique CDR3
13 unique J



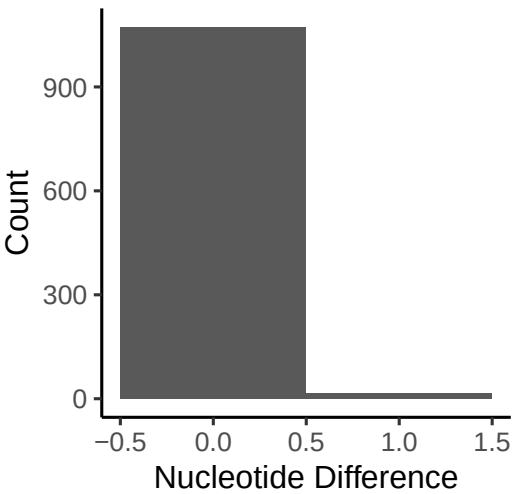
TRBV12−5*ap01

1987 sequences assigned
1972 (99.2%) exact matches, in which:
1901 unique CDR3
13 unique J



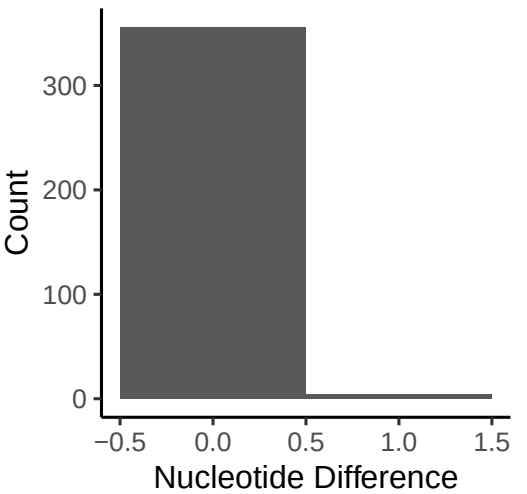
TRBV11−1*ap01

1090 sequences assigned
1073 (98.4%) exact matches, in which:
1029 unique CDR3
13 unique J



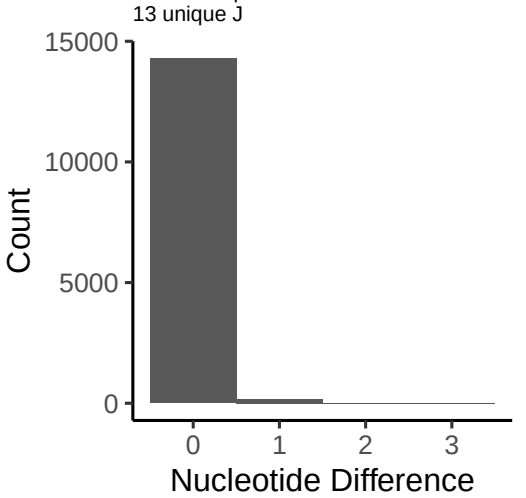
TRBV12−1*ap01

360 sequences assigned
356 (98.9%) exact matches, in which:
350 unique CDR3
13 unique J



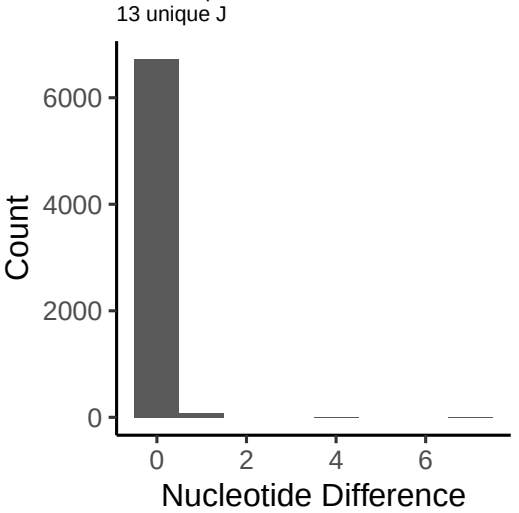
TRBV12−34*ap01

14461 sequences assigned
14287 (98.8%) exact matches, in which:
13853 unique CDR3
13 unique J



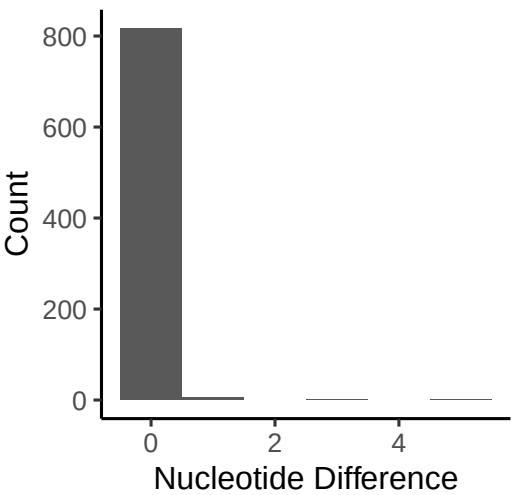
TRBV11−2*ap01

6810 sequences assigned
6726 (98.8%) exact matches, in which:
6513 unique CDR3
13 unique J



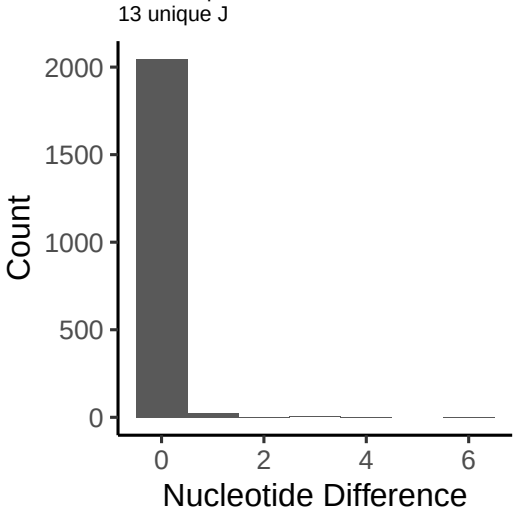
TRBV12−2*ap01

825 sequences assigned
817 (99%) exact matches, in which:
801 unique CDR3
13 unique J



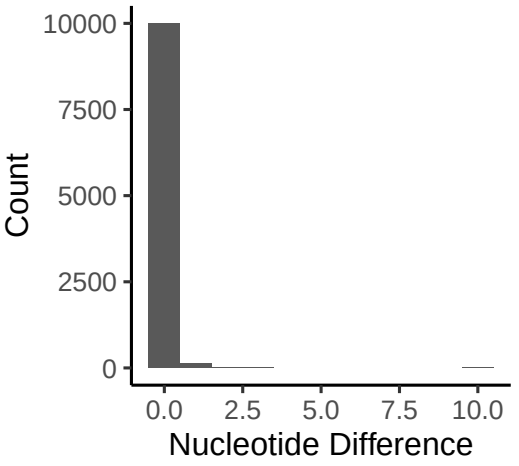
TRBV23−1*ap01

2078 sequences assigned
2046 (98.5%) exact matches, in which:
1985 unique CDR3
13 unique J



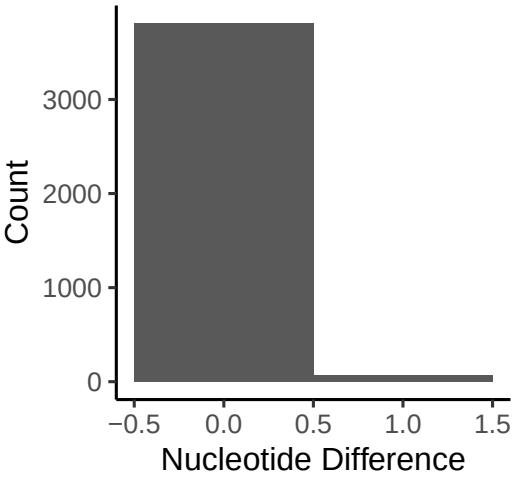
TRBV3−12*ap01

10150 sequences assigned
10006 (98.6%) exact matches, in which:
9720 unique CDR3
13 unique J



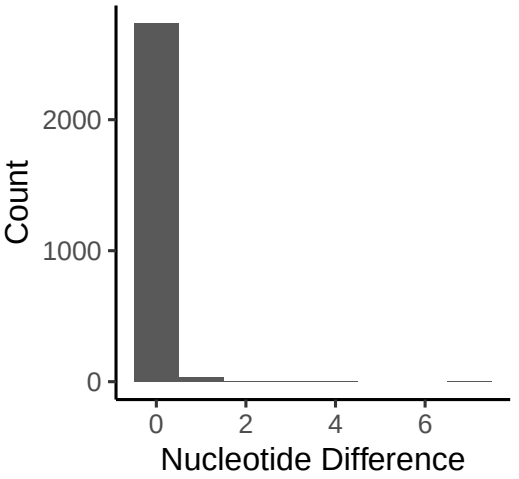
TRBV4−2*ap01

3874 sequences assigned
3809 (98.3%) exact matches, in which:
3699 unique CDR3
13 unique J



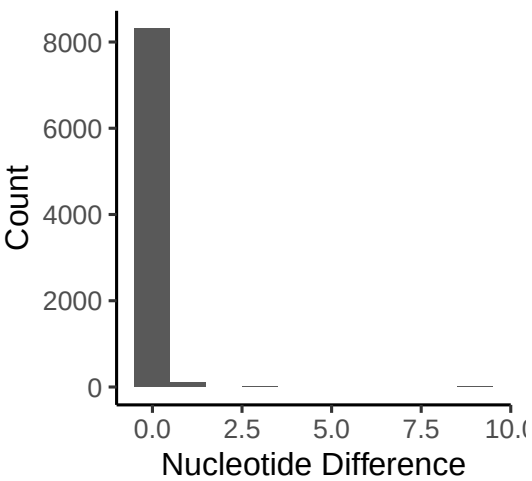
TRBV25−1*ap01

2777 sequences assigned
2735 (98.5%) exact matches, in which:
2678 unique CDR3
13 unique J



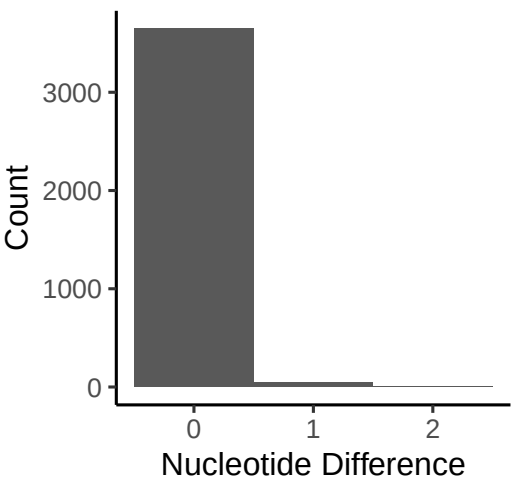
TRBV4−1*ap01

8410 sequences assigned
8308 (98.8%) exact matches, in which:
8057 unique CDR3
13 unique J



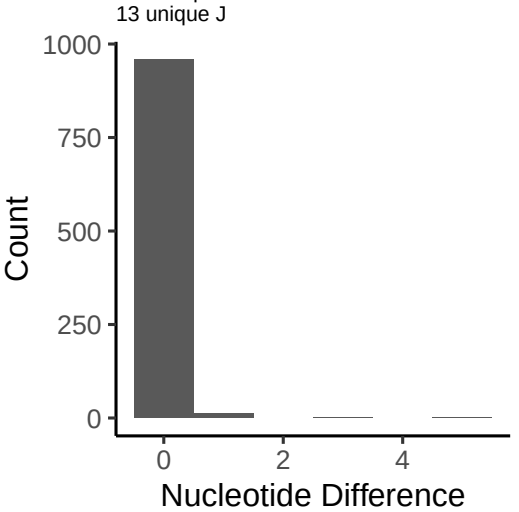
TRBV4−3*ap01

3696 sequences assigned
3647 (98.7%) exact matches, in which:
3559 unique CDR3
13 unique J



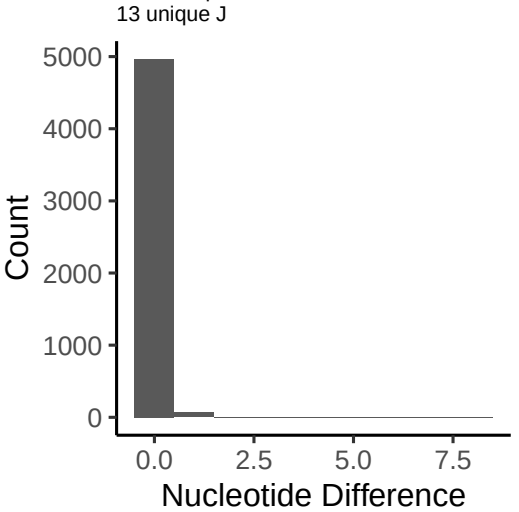
TRBV5−3*ap01

974 sequences assigned
958 (98.4%) exact matches, in which:
926 unique CDR3
13 unique J



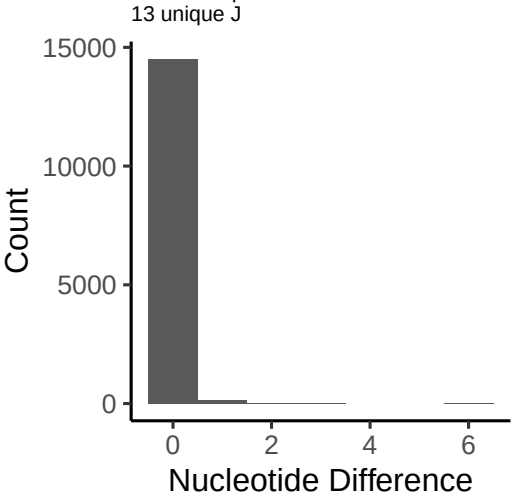
TRBV24−1*ap01

5053 sequences assigned
4966 (98.3%) exact matches, in which:
4844 unique CDR3
13 unique J



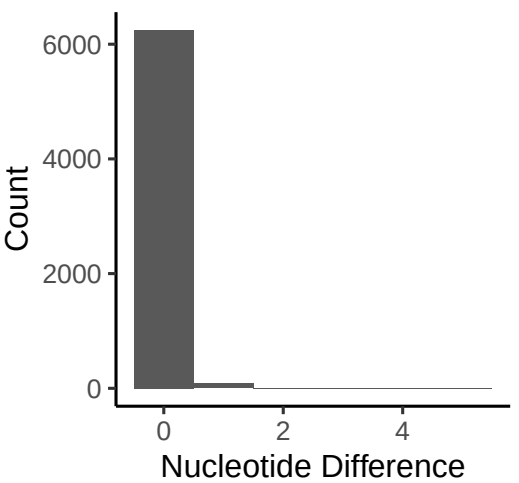
TRBV5−1*ap01

14678 sequences assigned
14518 (98.9%) exact matches, in which:
14055 unique CDR3
13 unique J



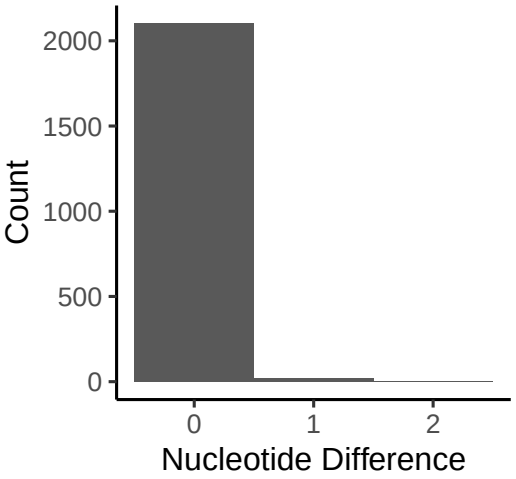
TRBV5−4*ap01

6334 sequences assigned
6247 (98.6%) exact matches, in which:
6053 unique CDR3
13 unique J



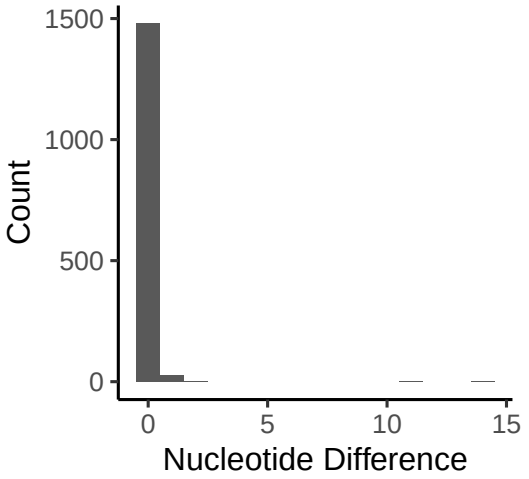
TRBV5−5*ap01

2124 sequences assigned
2102 (99%) exact matches, in which:
2072 unique CDR3
13 unique J



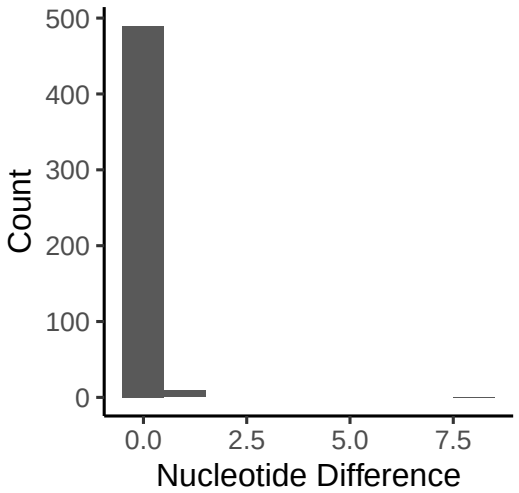
TRBV5−8*ap01

1510 sequences assigned
1480 (98%) exact matches, in which:
1447 unique CDR3
13 unique J



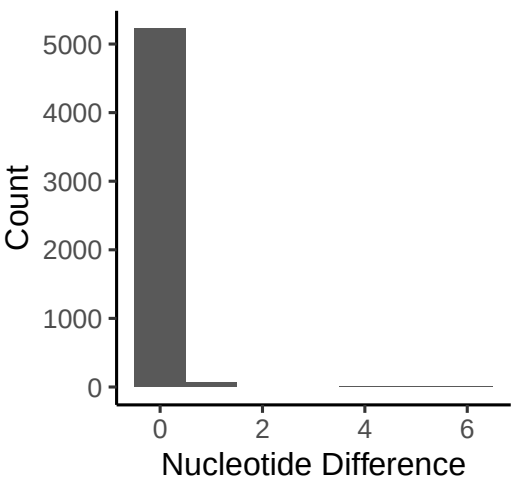
TRBV6−7*ap01

500 sequences assigned
490 (98%) exact matches, in which:
475 unique CDR3
13 unique J



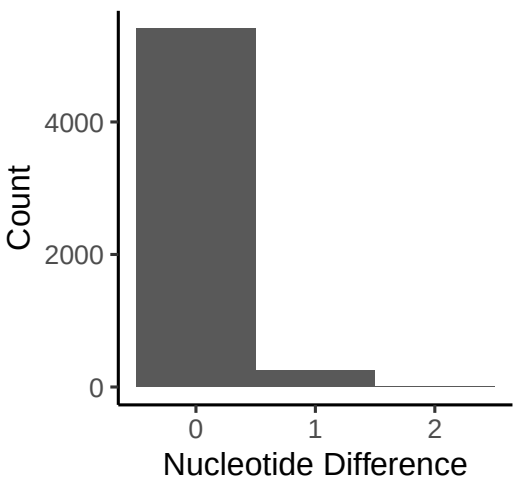
TRBV5−6*ap01

5293 sequences assigned
5223 (98.7%) exact matches, in which:
5092 unique CDR3
13 unique J



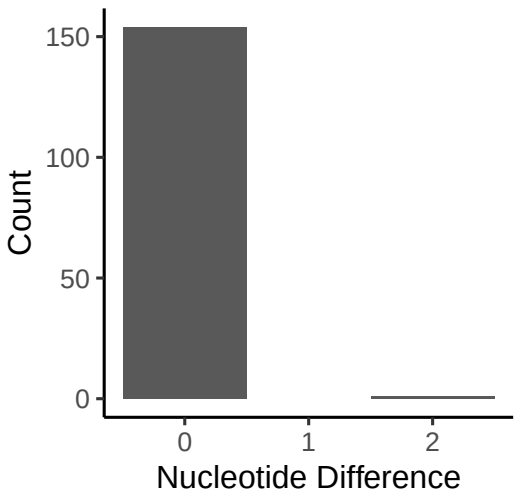
TRBV6−1*ap01

5655 sequences assigned
5407 (95.6%) exact matches, in which:
5242 unique CDR3
13 unique J



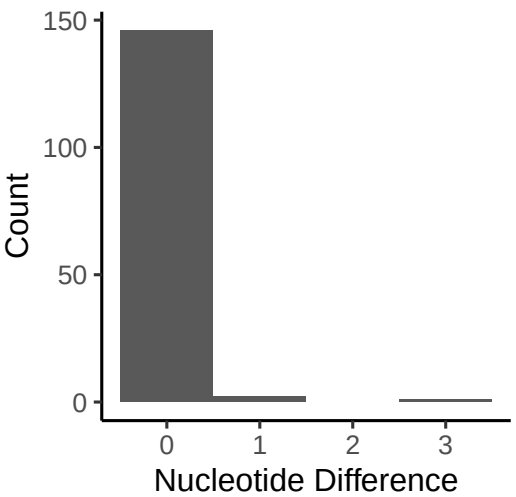
TRBV6−8*ap01

155 sequences assigned
154 (99.4%) exact matches, in which:
151 unique CDR3
13 unique J



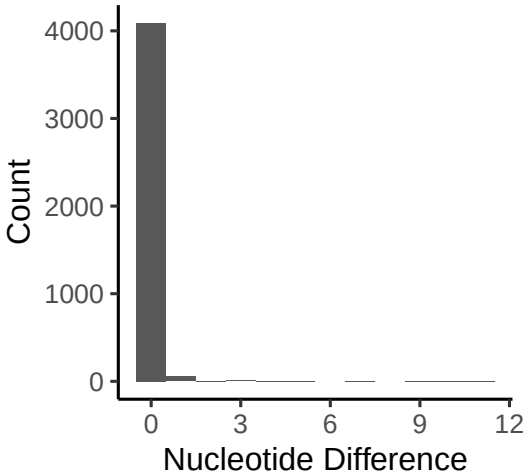
TRBV5−7*ap01

149 sequences assigned
146 (98%) exact matches, in which:
142 unique CDR3
13 unique J



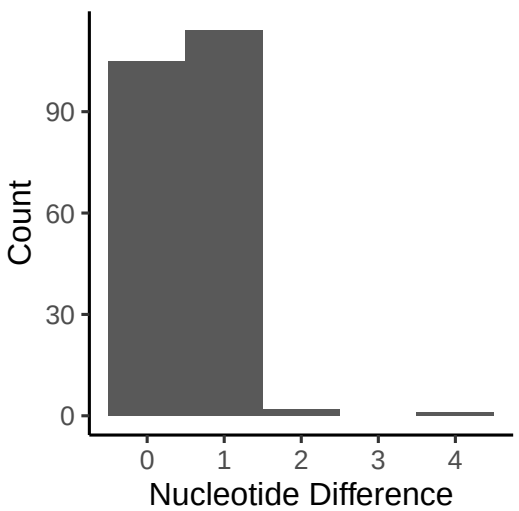
TRBV6−4*ap01

4167 sequences assigned
4089 (98.1%) exact matches, in which:
4004 unique CDR3
13 unique J



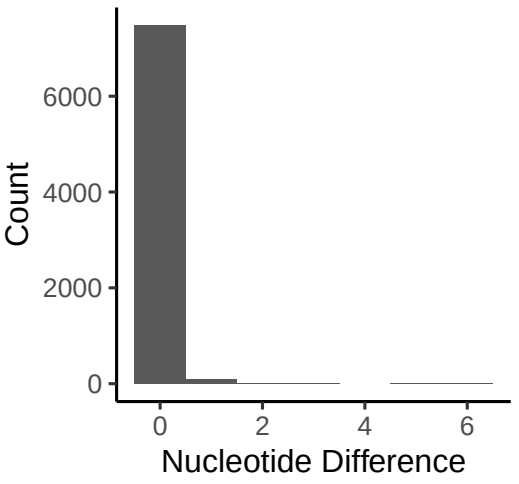
TRBV6−9*ap01

222 sequences assigned
105 (47.3%) exact matches, in which:
101 unique CDR3
12 unique J



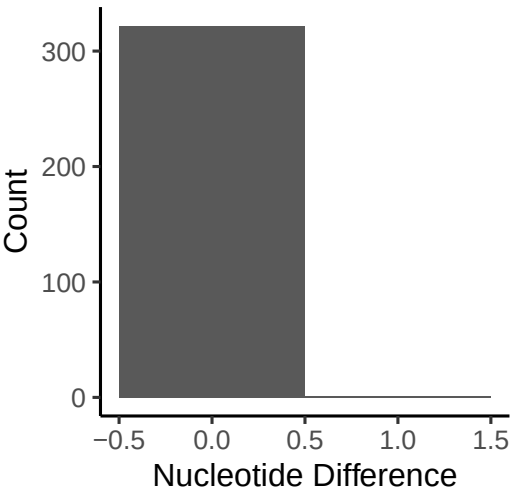
TRBV6−23*ap01

7571 sequences assigned
7478 (98.8%) exact matches, in which:
7259 unique CDR3
13 unique J



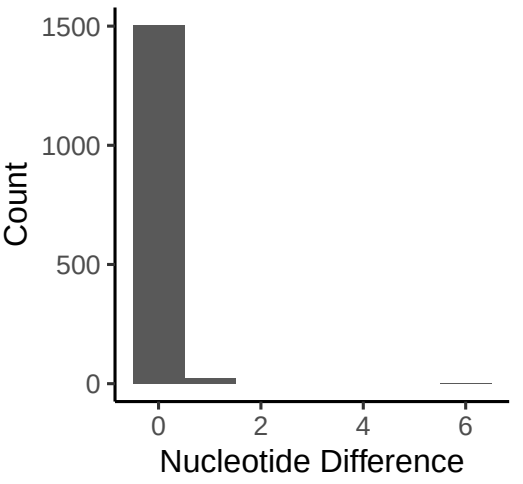
TRBV7−1*ap01_G291C_

323 sequences assigned
322 (99.7%) exact matches, in which:
313 unique CDR3
13 unique J



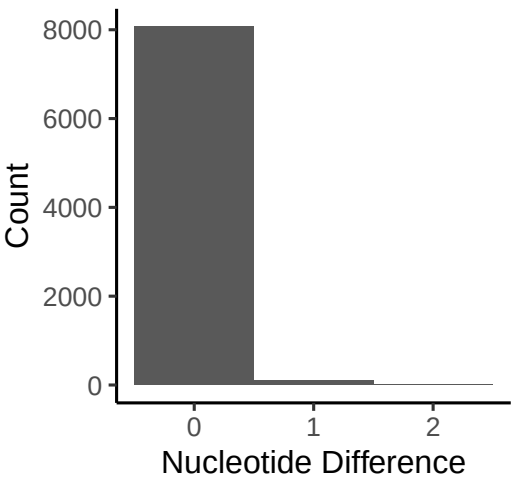
TRBV7−3*ap03

1528 sequences assigned
1503 (98.4%) exact matches, in which:
1450 unique CDR3
13 unique J



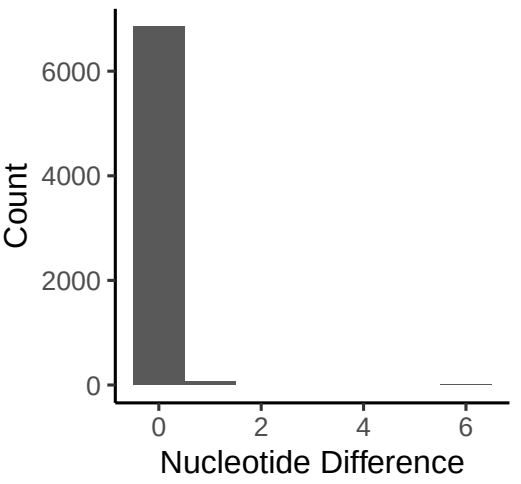
TRBV6−56*ap01

8181 sequences assigned
8068 (98.6%) exact matches, in which:
7847 unique CDR3
13 unique J



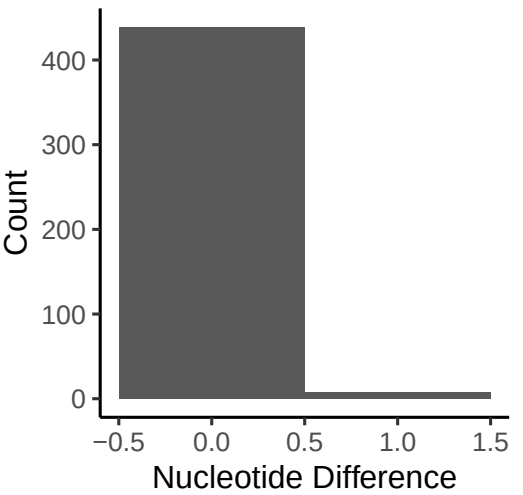
TRBV7−2*ap01

6918 sequences assigned
6850 (99%) exact matches, in which:
6667 unique CDR3
13 unique J



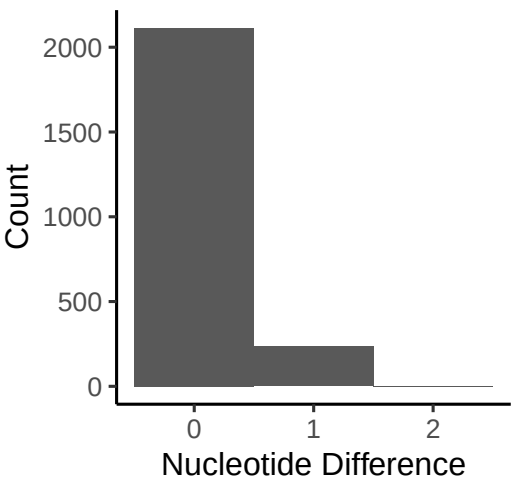
TRBV7−4*ap01

447 sequences assigned
439 (98.2%) exact matches, in which:
421 unique CDR3
13 unique J



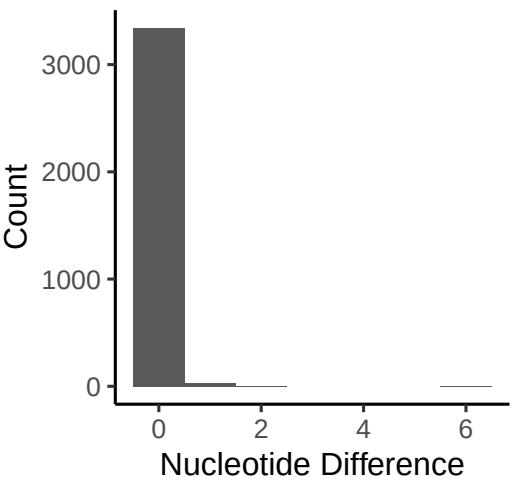
TRBV6−56*ap02

2349 sequences assigned
2113 (90%) exact matches, in which:
2066 unique CDR3
13 unique J



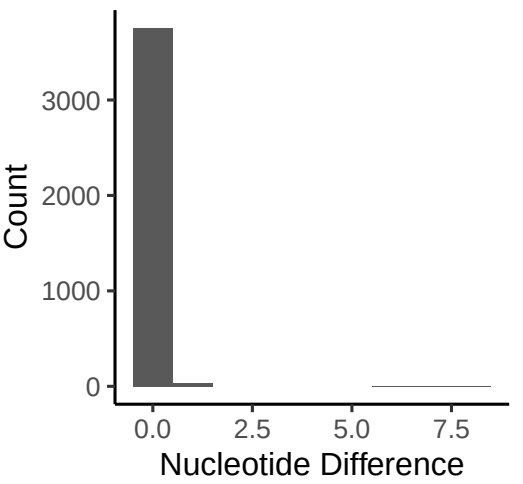
TRBV7−3*ap01

3373 sequences assigned
3341 (99.1%) exact matches, in which:
3257 unique CDR3
13 unique J



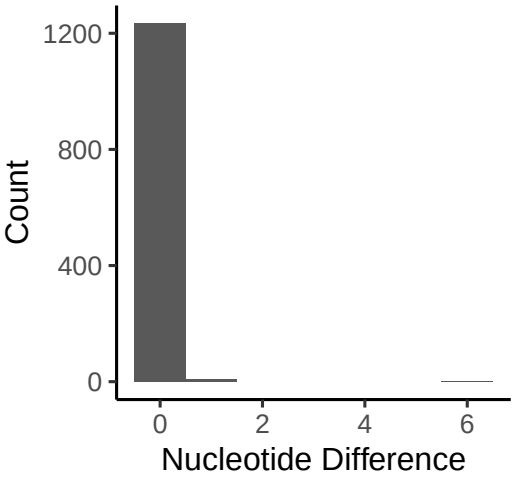
TRBV7−6*ap01

3792 sequences assigned
3754 (99%) exact matches, in which:
3642 unique CDR3
13 unique J



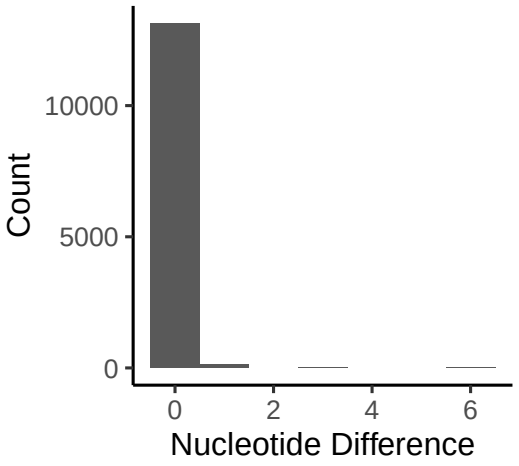
TRBV7−7*ap01

1242 sequences assigned
1234 (99.4%) exact matches, in which:
1207 unique CDR3
13 unique J



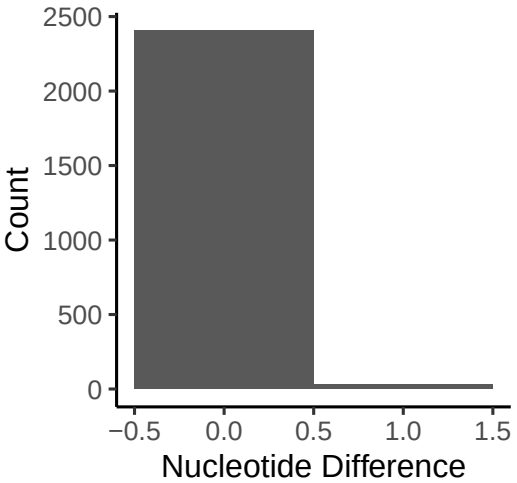
TRBV7−9*ap01

13278 sequences assigned
13144 (99%) exact matches, in which:
12810 unique CDR3
13 unique J



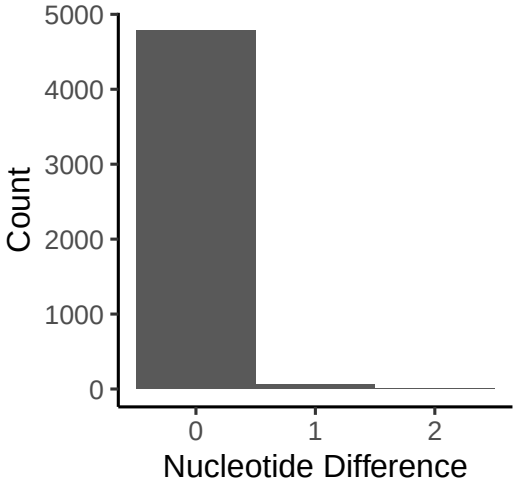
TRBV7−8*ap01

2438 sequences assigned
2405 (98.6%) exact matches, in which:
2324 unique CDR3
13 unique J



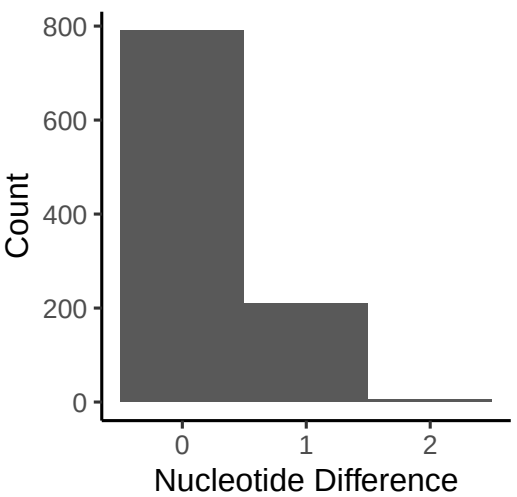
TRBV29−1*ap01

4842 sequences assigned
4781 (98.7%) exact matches, in which:
4663 unique CDR3
13 unique J



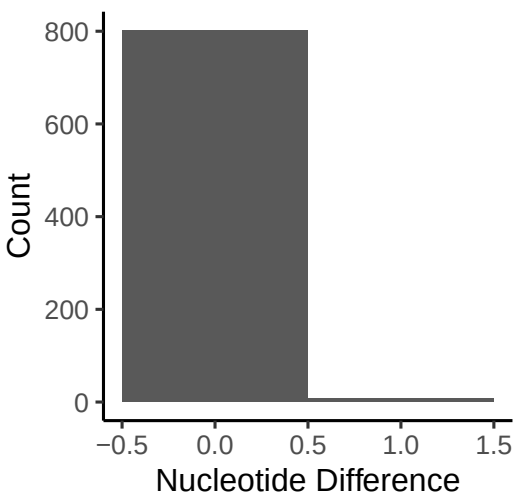
TRBV7−8*ap03

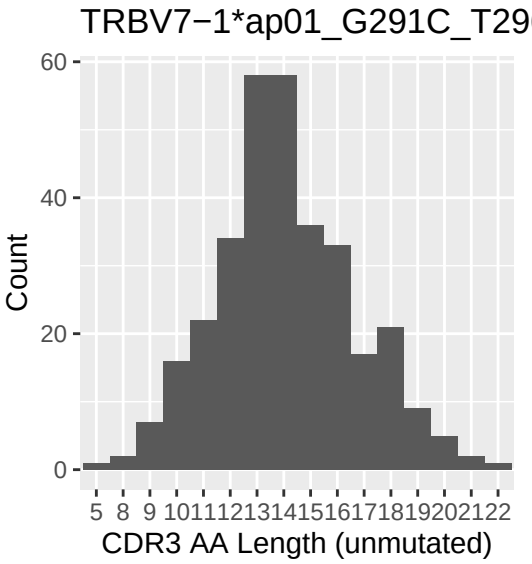
1006 sequences assigned
791 (78.6%) exact matches, in which:
757 unique CDR3
13 unique J

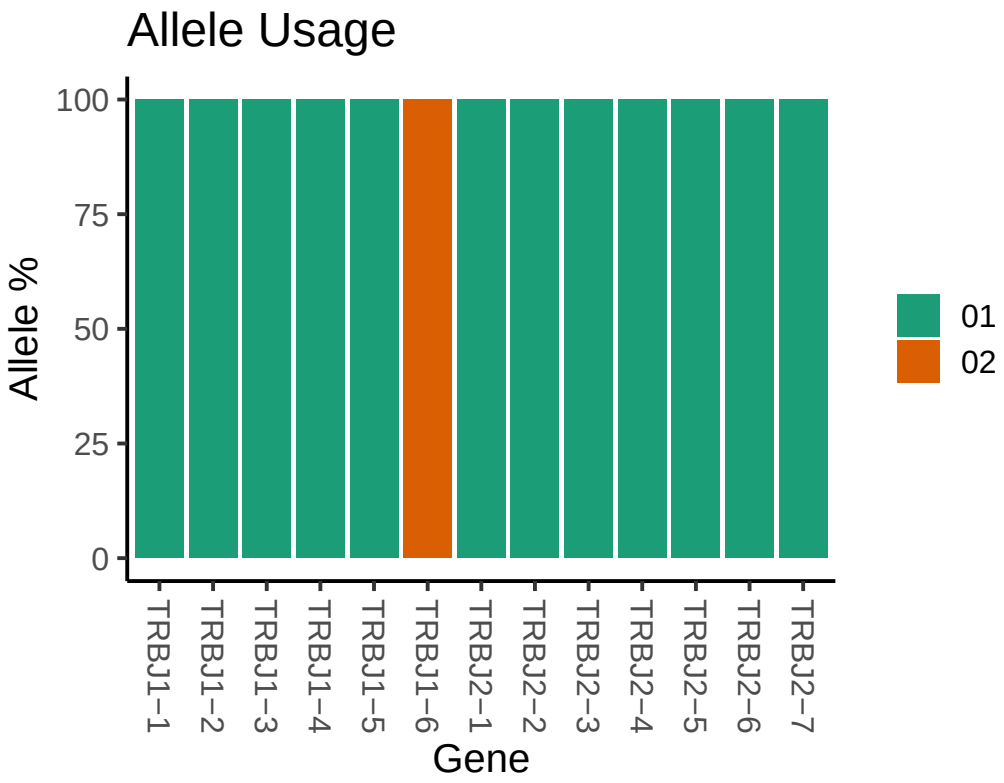


TRBV29−1*ap02

810 sequences assigned
802 (99%) exact matches, in which:
787 unique CDR3
13 unique J




TRBV7−1*ap01_G291C_T296C_C314T
60
40
20
0
Count
5 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
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.