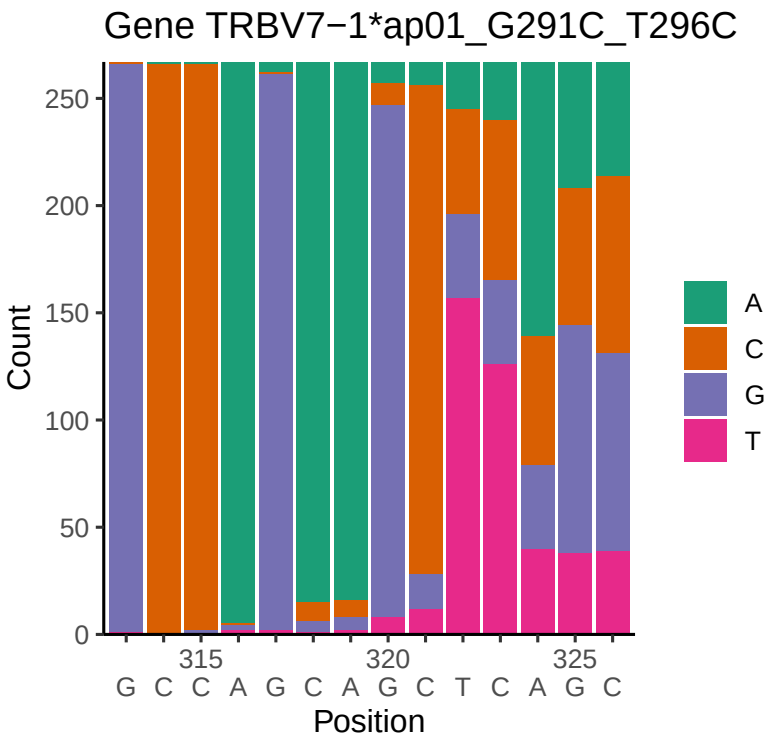
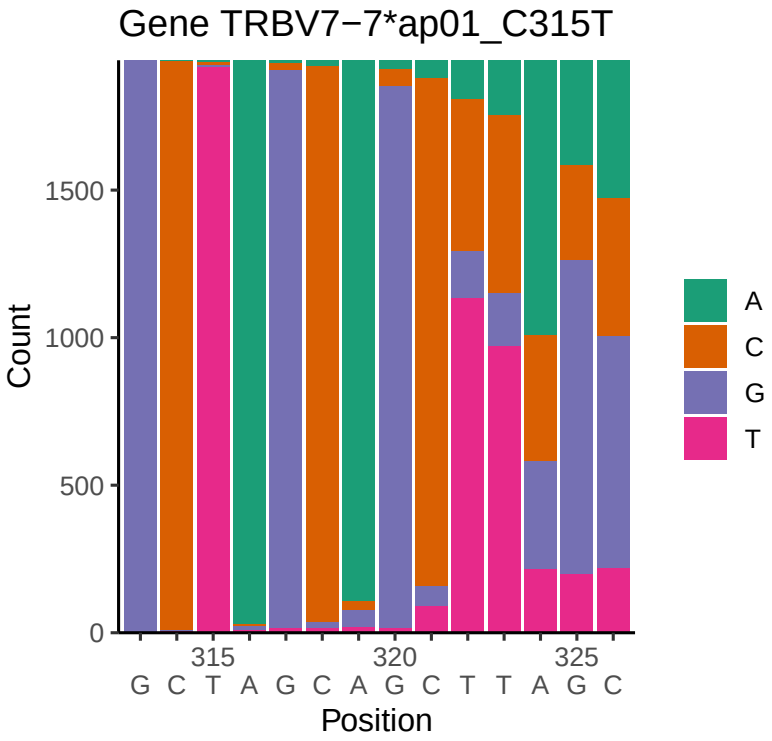
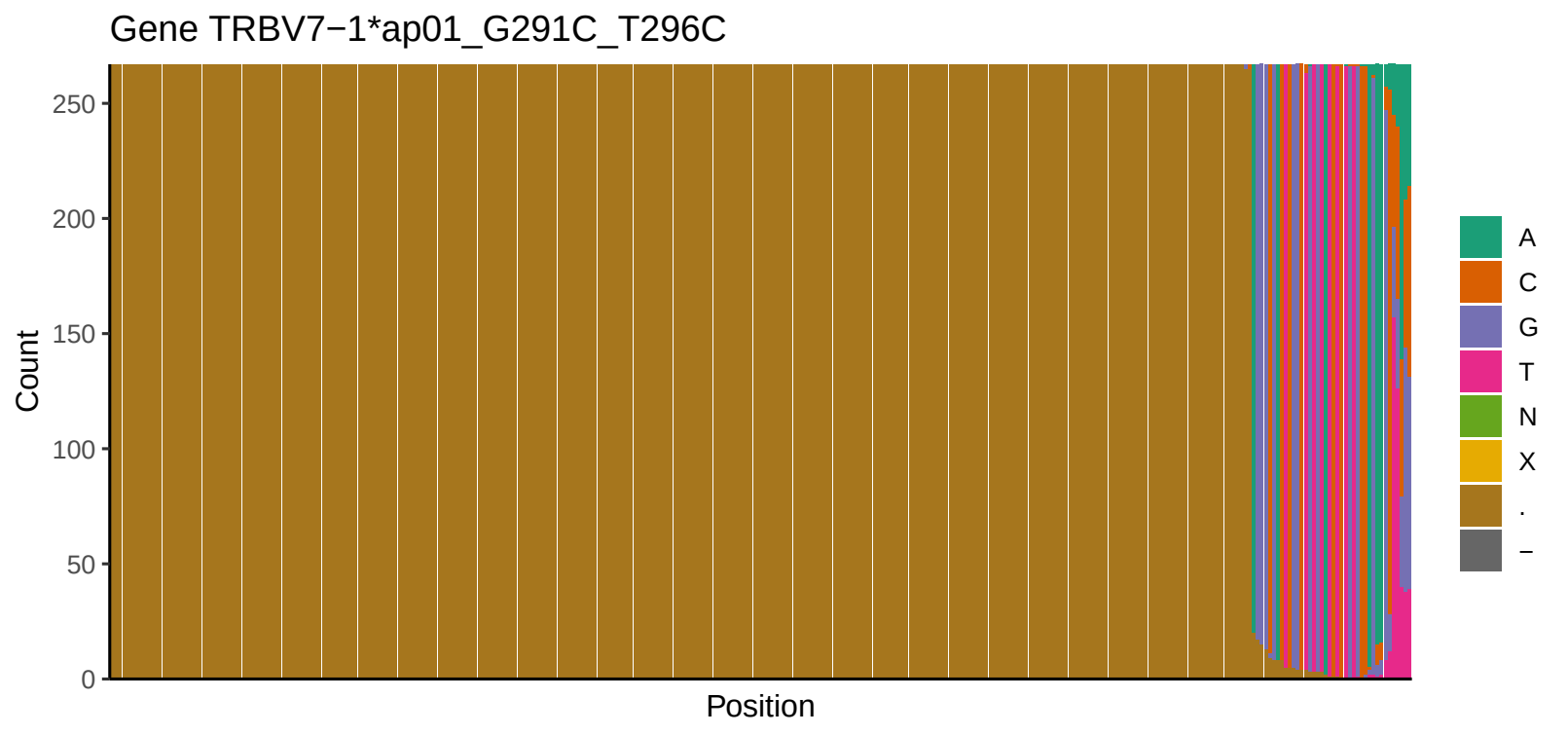
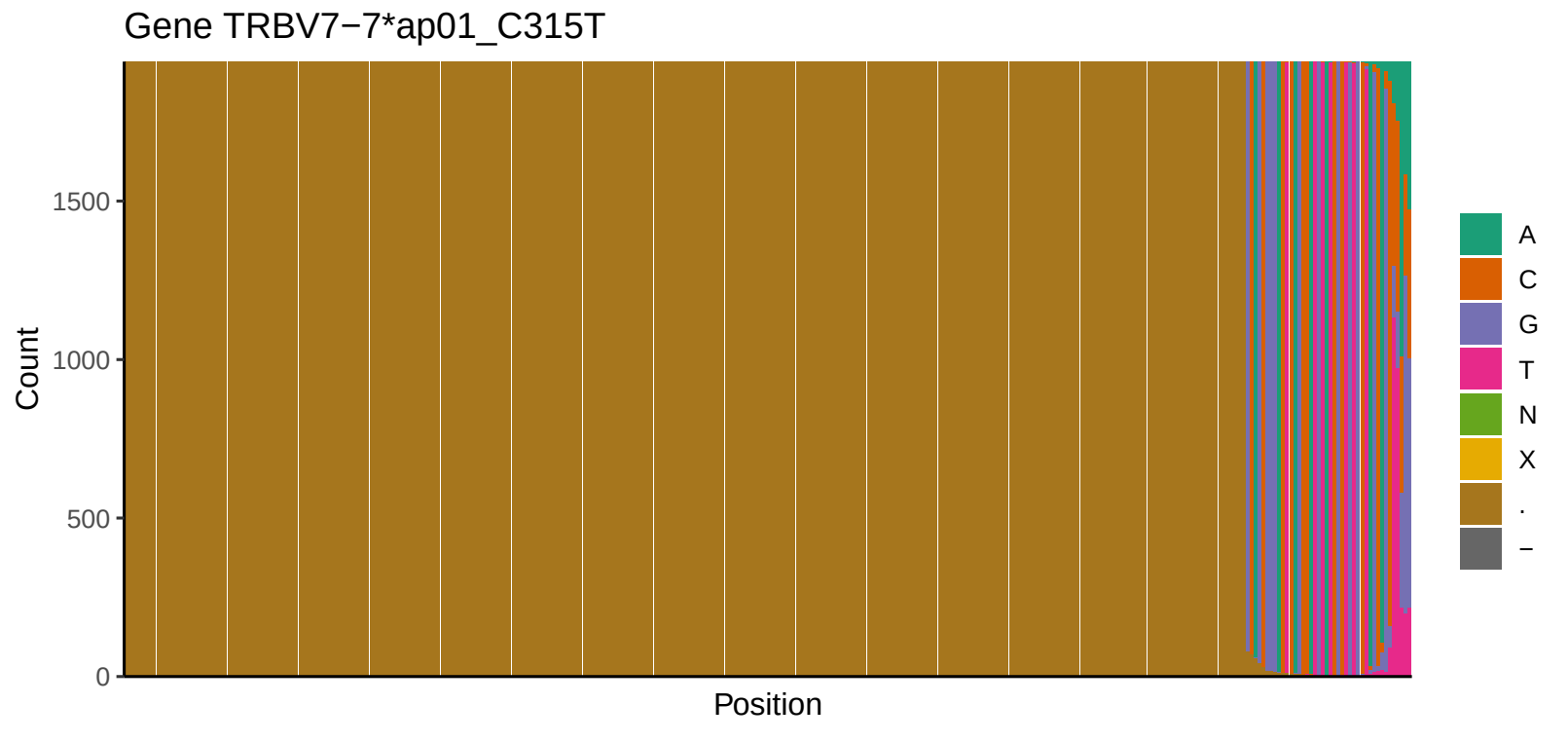
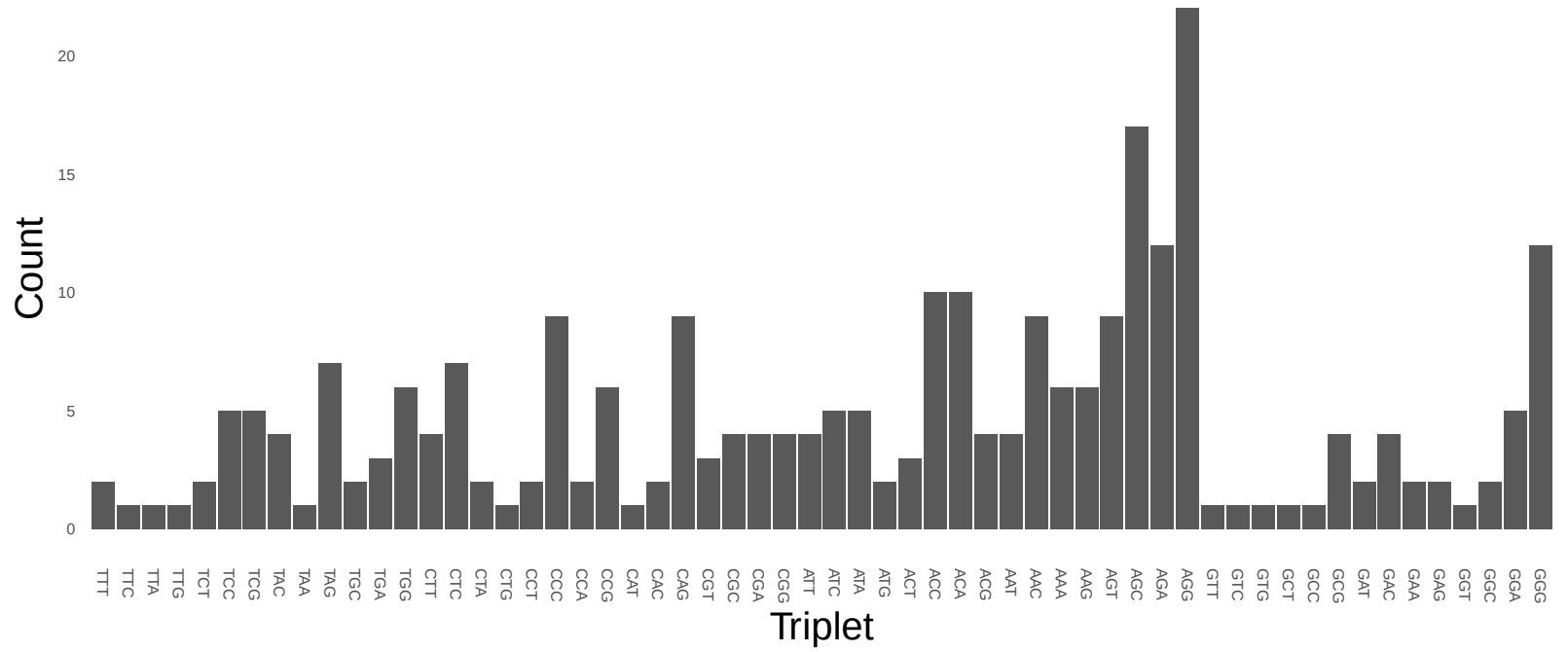

Gene TRBV7−1*ap01_G291C_T296C
Count
250
200
150
100
50
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
1500
1000
500
0
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

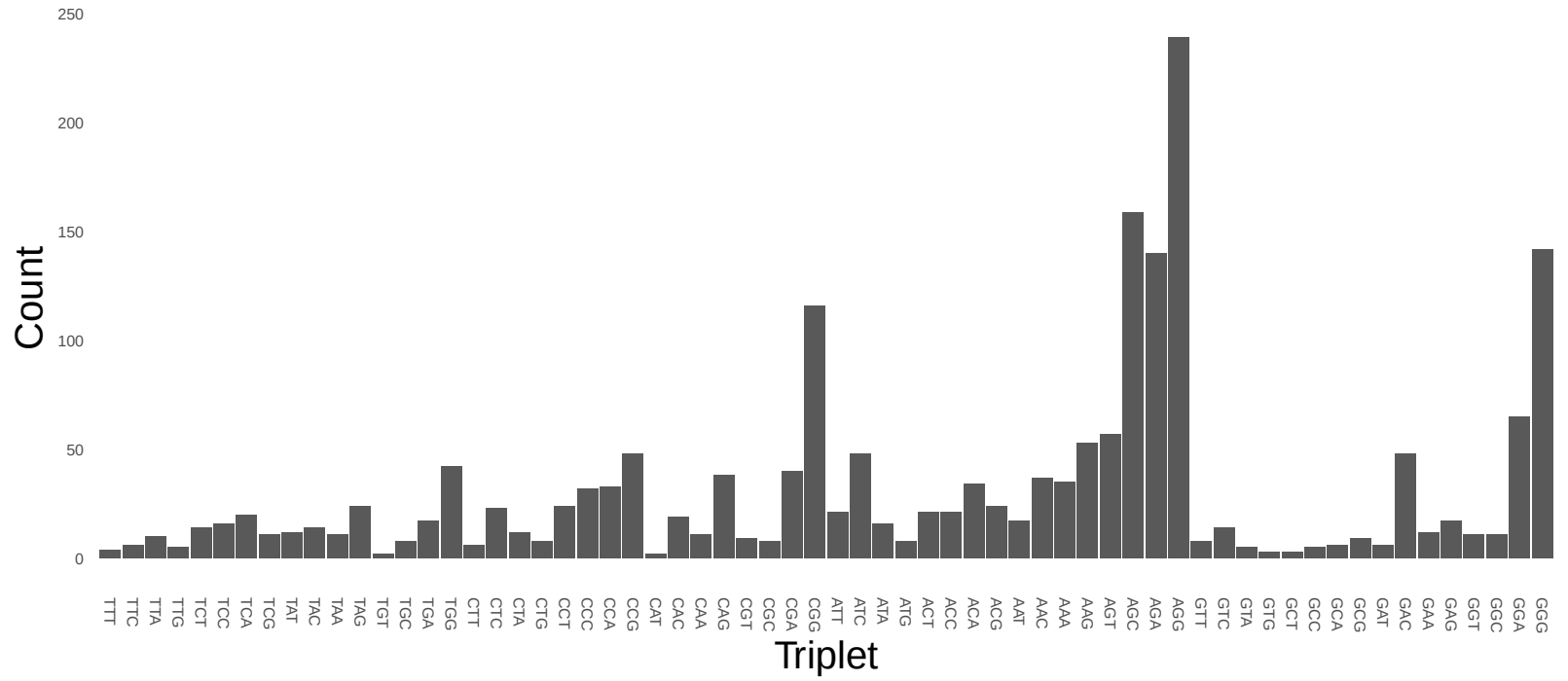

Gene TRBV7−1*ap01_G291C_T296C
Count
250
200
150
100
50
0
Position
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
Count
1500
1000
500
0
Position
A
C
G
T
N
X
.
–

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

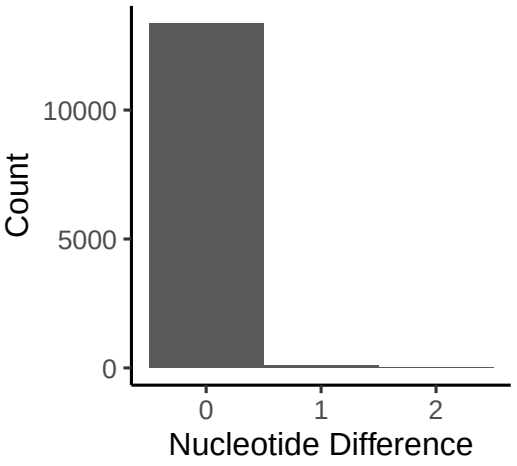


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



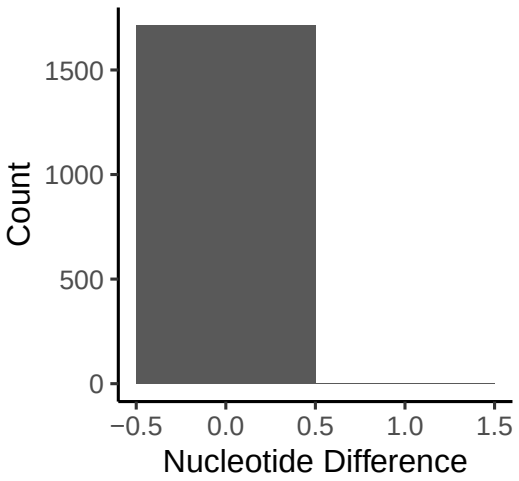
TRBV20−1*ap01

13483 sequences assigned
13370 (99.2%) exact matches, in which:
13228 unique CDR3
13 unique J



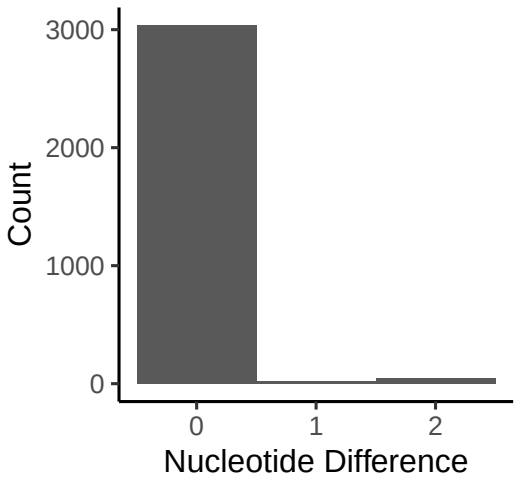
TRBV10−2*ap01

1717 sequences assigned
1713 (99.8%) exact matches, in which:
1693 unique CDR3
13 unique J



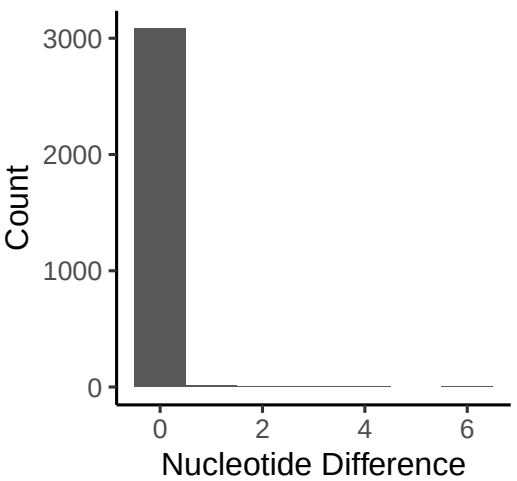
TRBV13*ap01

3102 sequences assigned
3036 (97.9%) exact matches, in which:
2961 unique CDR3
13 unique J



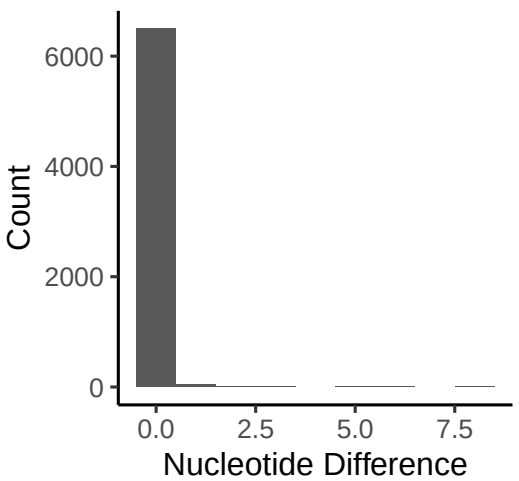
TRBV10−1*ap01

3102 sequences assigned
3082 (99.4%) exact matches, in which:
3033 unique CDR3
13 unique J



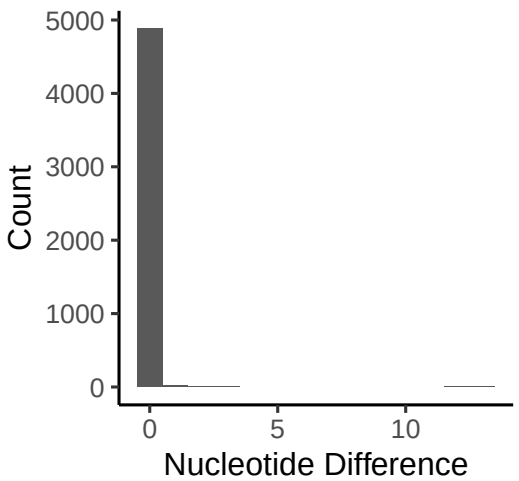
TRBV10−3*ap01

6553 sequences assigned
6497 (99.1%) exact matches, in which:
6413 unique CDR3
13 unique J



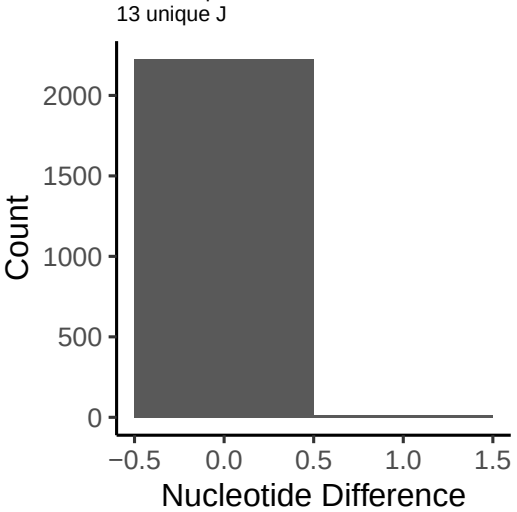
TRBV14*ap01

4911 sequences assigned
4881 (99.4%) exact matches, in which:
4822 unique CDR3
13 unique J



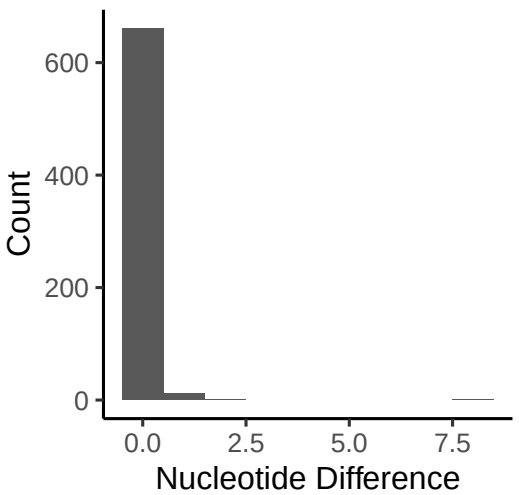
TRBV20−1*ap02

2242 sequences assigned
2226 (99.3%) exact matches, in which:
2194 unique CDR3
13 unique J



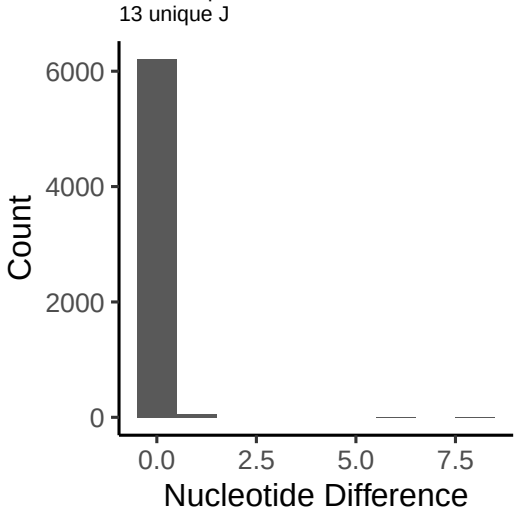
TRBV1*ap01

674 sequences assigned
661 (98.1%) exact matches, in which:
644 unique CDR3
13 unique J



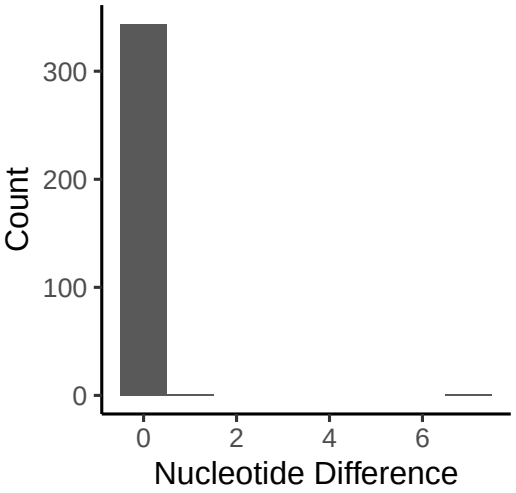
TRBV15*ap02

6270 sequences assigned
6211 (99.1%) exact matches, in which:
6100 unique CDR3
13 unique J



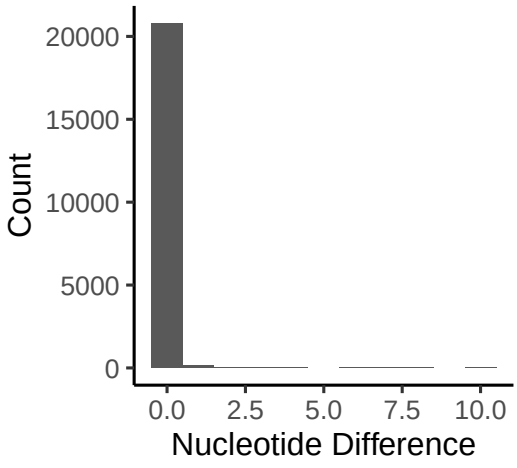
TRBV16*ap01

346 sequences assigned
344 (99.4%) exact matches, in which:
343 unique CDR3
13 unique J



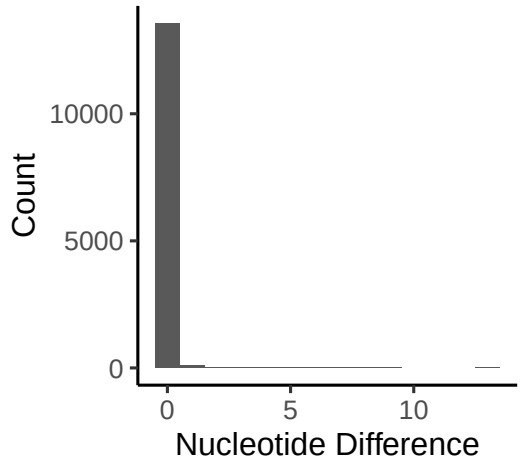
TRBV19*ap01

20964 sequences assigned
20800 (99.2%) exact matches, in which:
20673 unique CDR3
13 unique J



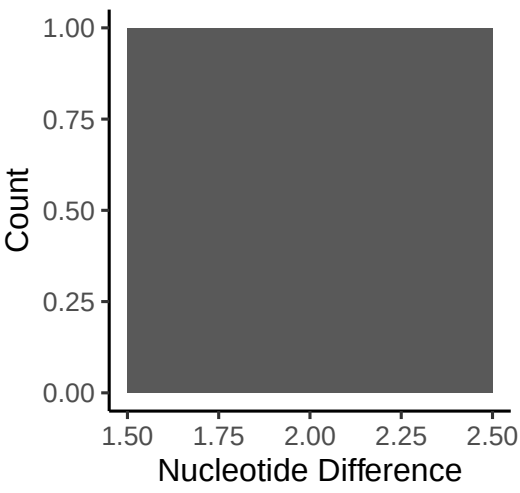
TRBV27*ap01

13684 sequences assigned
13566 (99.1%) exact matches, in which:
13373 unique CDR3
13 unique J



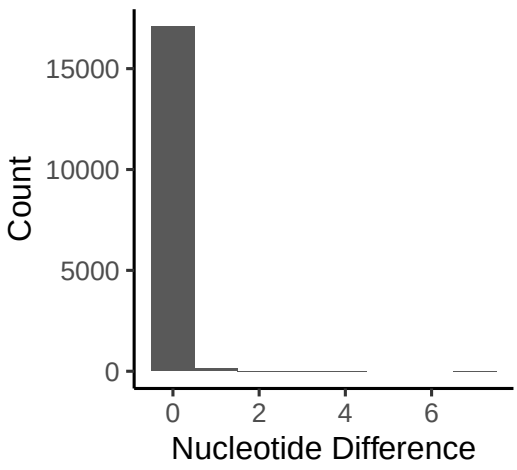
TRBV17*ap01

1 sequences assigned
No exact matches.



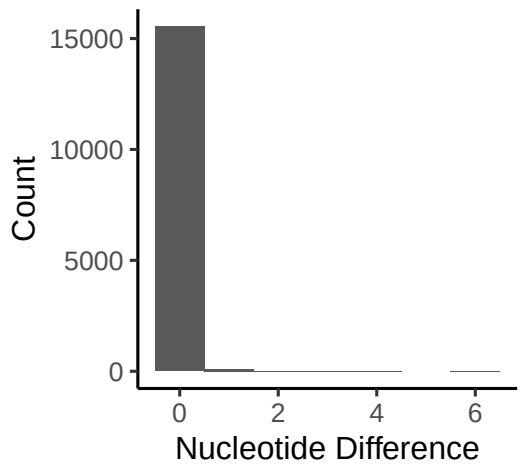
TRBV2*ap01

17225 sequences assigned
17090 (99.2%) exact matches, in which:
16842 unique CDR3
13 unique J



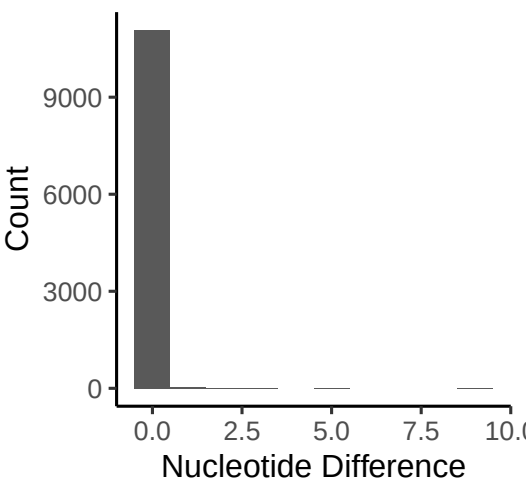
TRBV28*ap01

15648 sequences assigned
15545 (99.3%) exact matches, in which:
15351 unique CDR3
13 unique J



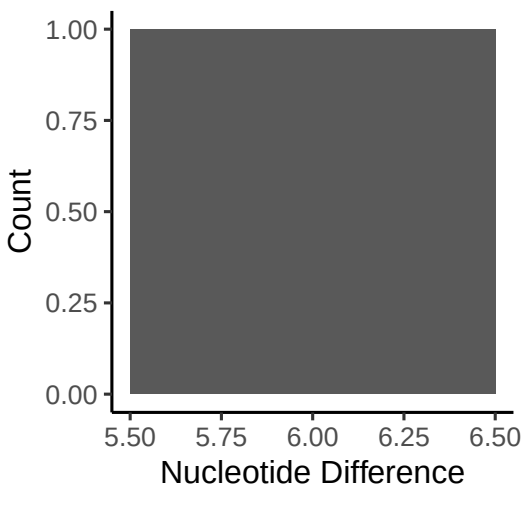
TRBV18*ap01

11122 sequences assigned
11076 (99.6%) exact matches, in which:
10984 unique CDR3
13 unique J



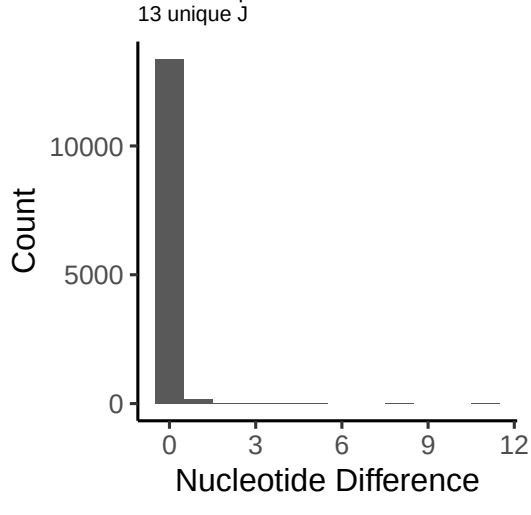
TRBV26*ap01

1 sequences assigned
No exact matches.



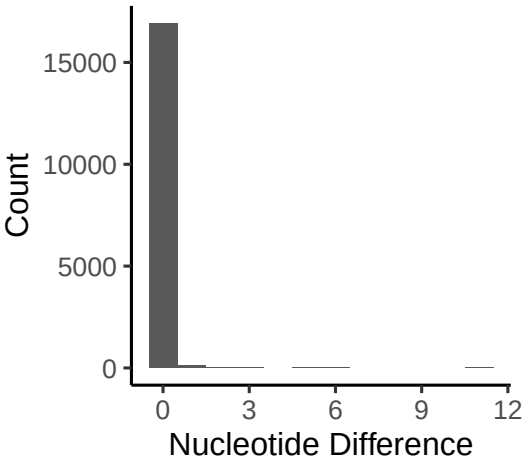
TRBV30*ap01

13579 sequences assigned
13383 (98.6%) exact matches, in which:
13117 unique CDR3
13 unique J



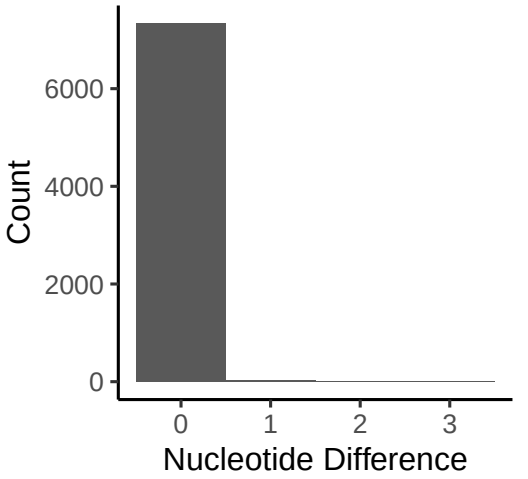
TRBV9*ap01

17046 sequences assigned
16929 (99.3%) exact matches, in which:
16776 unique CDR3
13 unique J



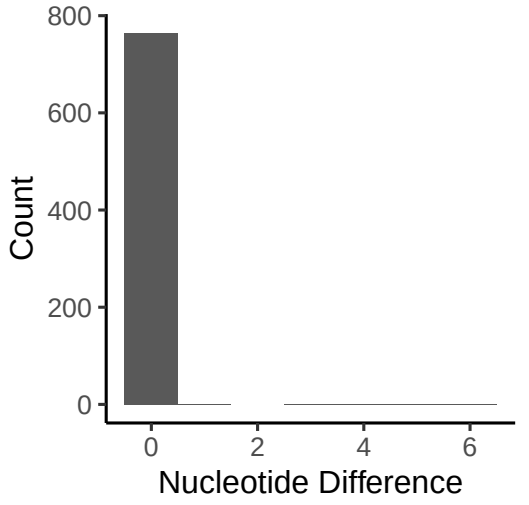
TRBV11−2*ap01

7377 sequences assigned
7336 (99.4%) exact matches, in which:
7291 unique CDR3
13 unique J



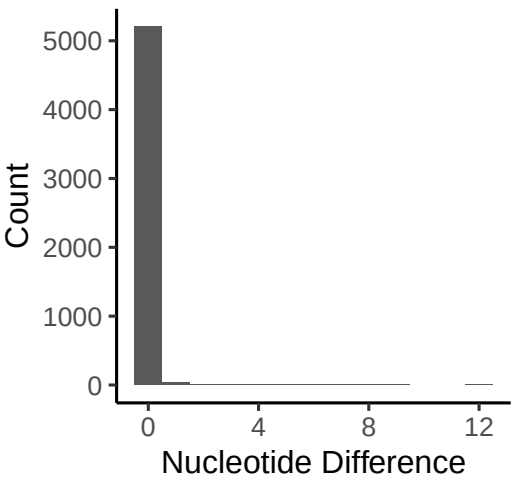
TRBV12−2*ap01

770 sequences assigned
765 (99.4%) exact matches, in which:
752 unique CDR3
13 unique J



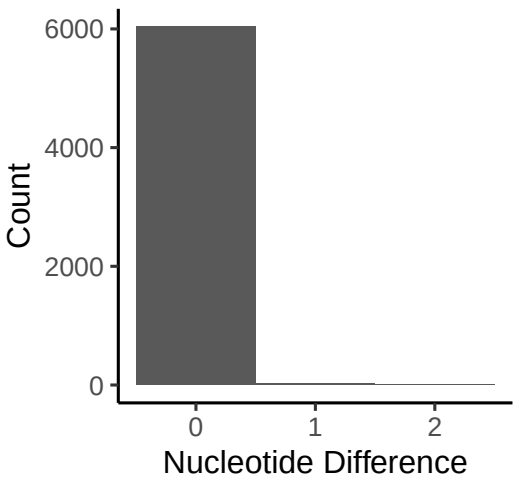
TRBV21−1*ap01

5263 sequences assigned
5204 (98.9%) exact matches, in which:
5167 unique CDR3
13 unique J



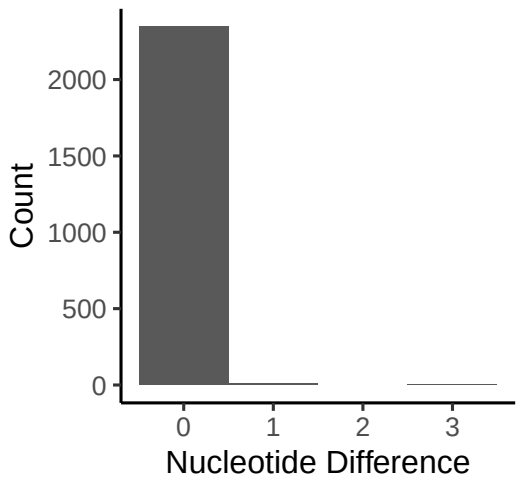
TRBV11−3*ap01

6067 sequences assigned
6037 (99.5%) exact matches, in which:
6008 unique CDR3
13 unique J



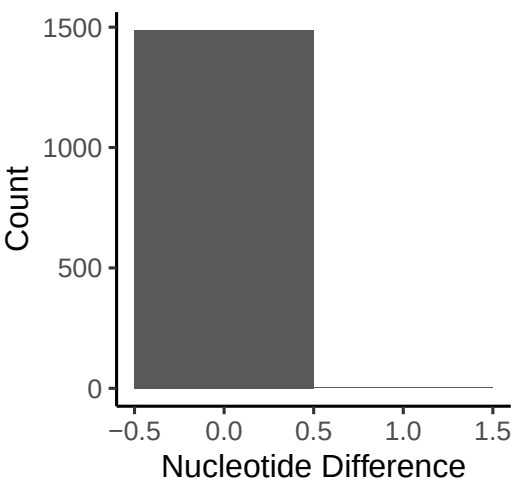
TRBV12−5*ap01

2356 sequences assigned
2346 (99.6%) exact matches, in which:
2315 unique CDR3
13 unique J



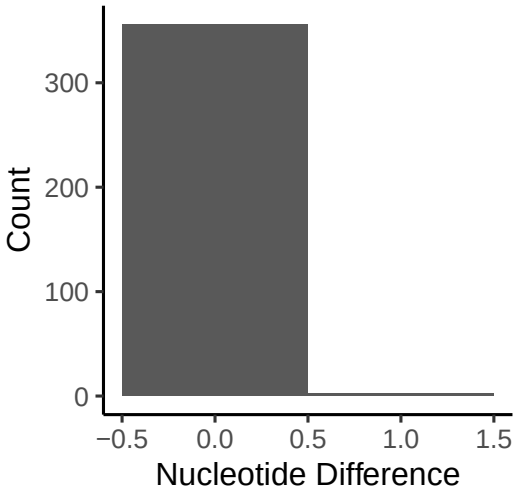
TRBV11−1*ap01

1491 sequences assigned
1488 (99.8%) exact matches, in which:
1481 unique CDR3
13 unique J



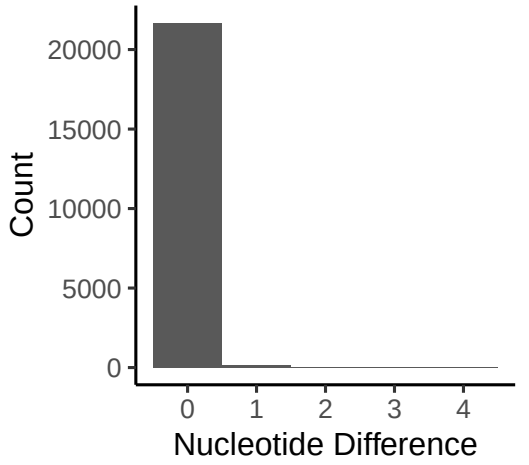
TRBV12−1*ap01

358 sequences assigned
356 (99.4%) exact matches, in which:
352 unique CDR3
13 unique J



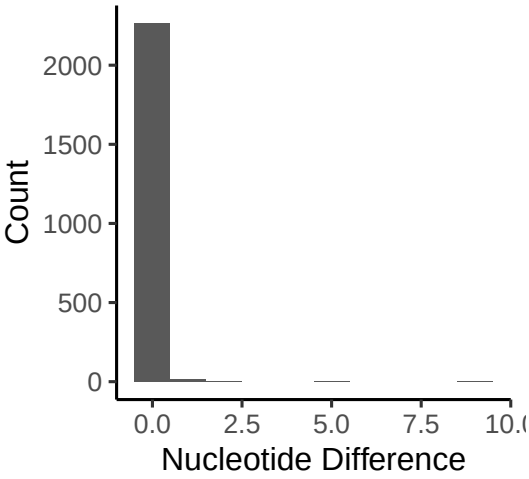
TRBV12−34*ap01

21860 sequences assigned
21683 (99.2%) exact matches, in which:
21381 unique CDR3
13 unique J



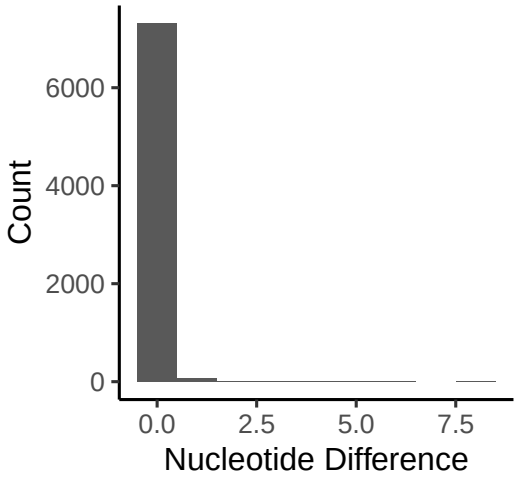
TRBV23−1*ap01

2285 sequences assigned
2264 (99.1%) exact matches, in which:
2230 unique CDR3
13 unique J



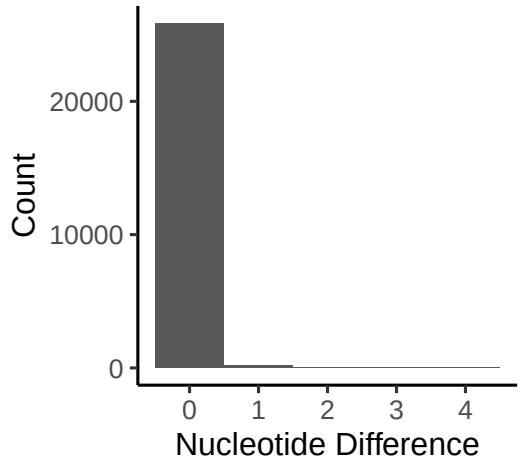
TRBV24−1*ap01

7396 sequences assigned
7312 (98.9%) exact matches, in which:
7201 unique CDR3
13 unique J



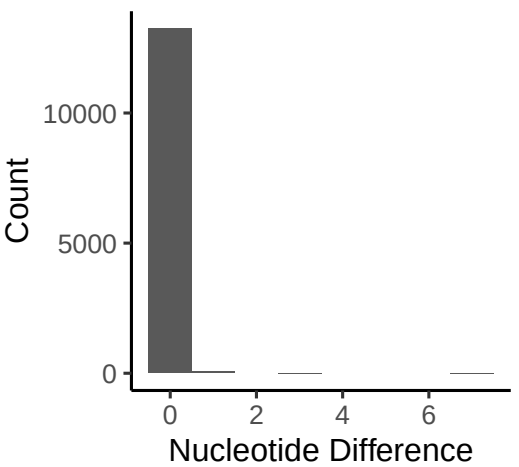
TRBV5−1*ap01

26044 sequences assigned
25866 (99.3%) exact matches, in which:
25387 unique CDR3
13 unique J



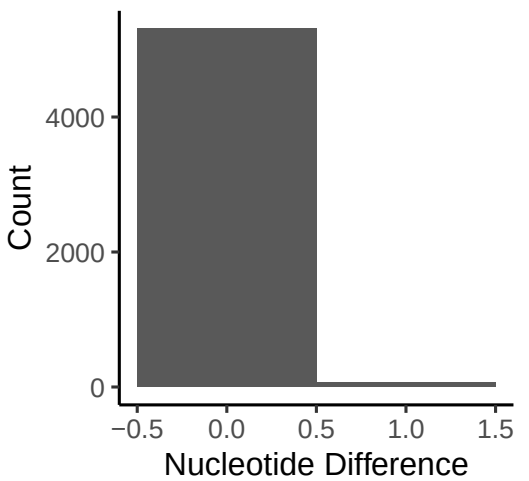
TRBV3−12*ap01

13320 sequences assigned
13248 (99.5%) exact matches, in which:
13162 unique CDR3
13 unique J



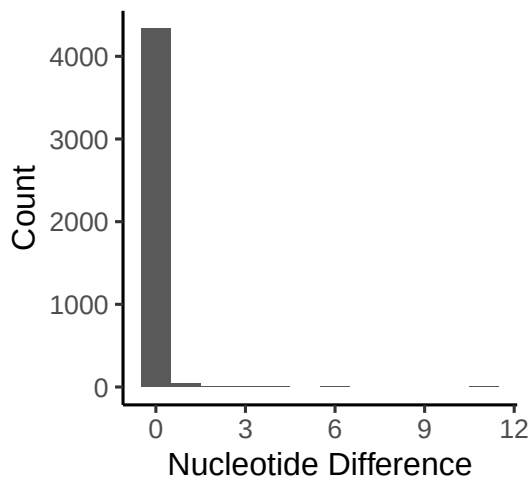
TRBV4−2*ap01

5368 sequences assigned
5308 (98.9%) exact matches, in which:
5210 unique CDR3
13 unique J



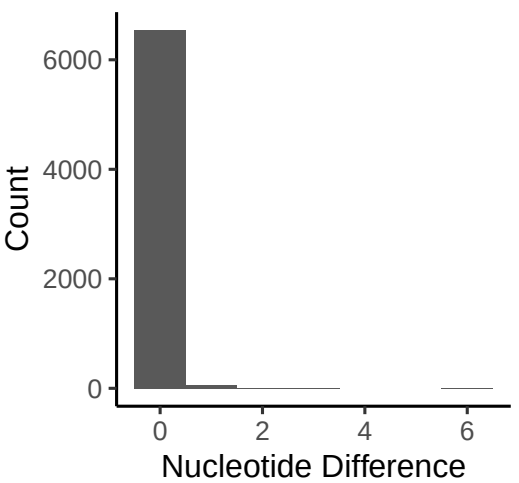
TRBV25−1*ap01

4393 sequences assigned
4334 (98.7%) exact matches, in which:
4232 unique CDR3
13 unique J



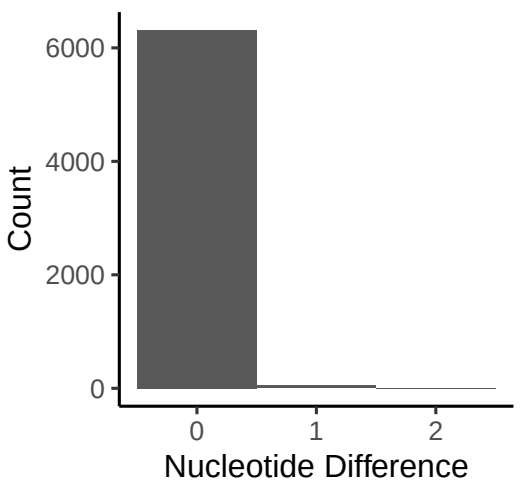
TRBV4−1*ap01

6610 sequences assigned
6543 (99%) exact matches, in which:
6403 unique CDR3
13 unique J



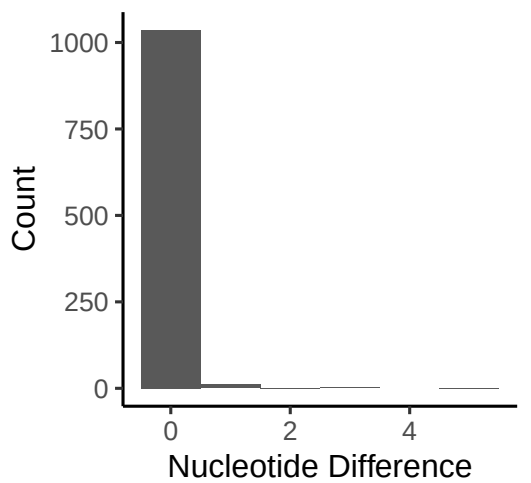
TRBV4−3*ap01

6362 sequences assigned
6314 (99.2%) exact matches, in which:
6187 unique CDR3
13 unique J



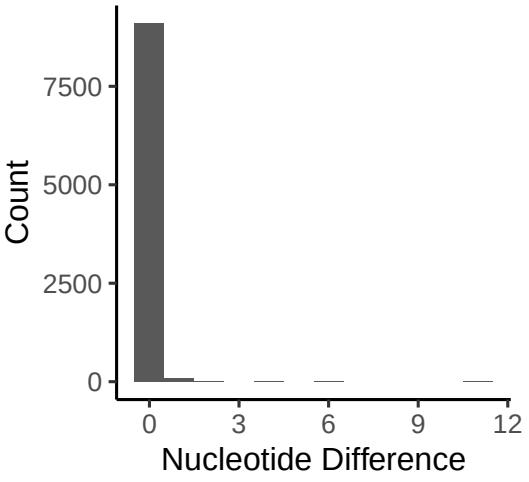
TRBV5−3*ap01

1051 sequences assigned
1036 (98.6%) exact matches, in which:
1016 unique CDR3
13 unique J



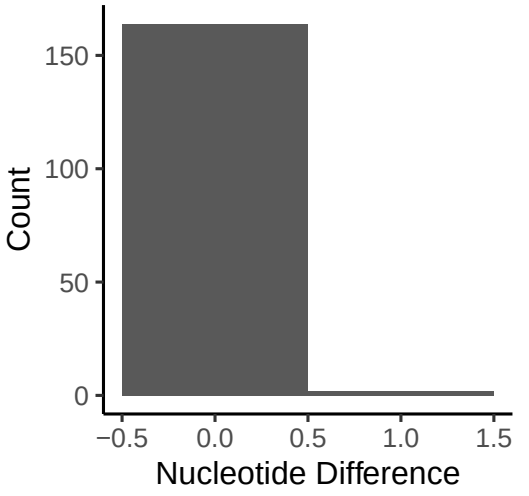
TRBV5−4*ap01

9186 sequences assigned
9097 (99%) exact matches, in which:
8960 unique CDR3
13 unique J



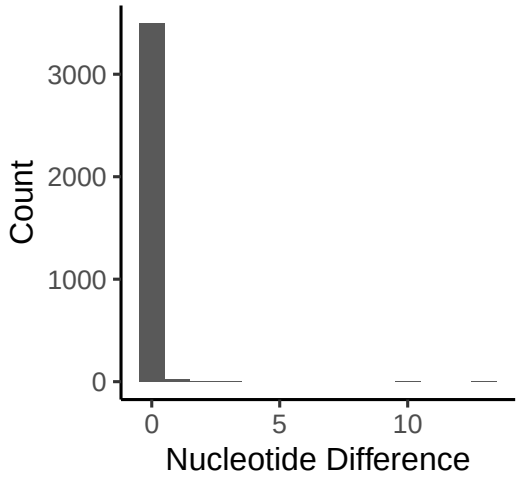
TRBV5−7*ap01

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



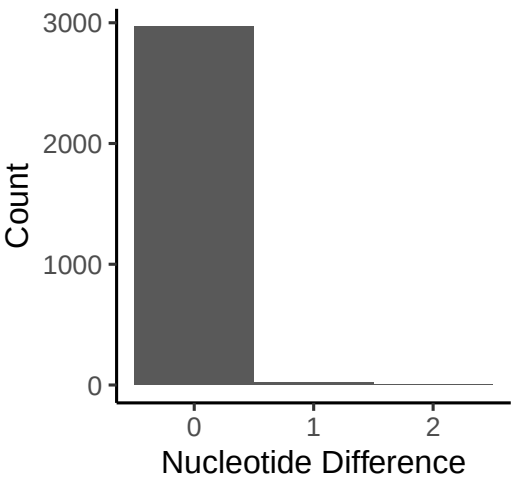
TRBV6−4*ap01

3536 sequences assigned
3496 (98.9%) exact matches, in which:
3468 unique CDR3
13 unique J



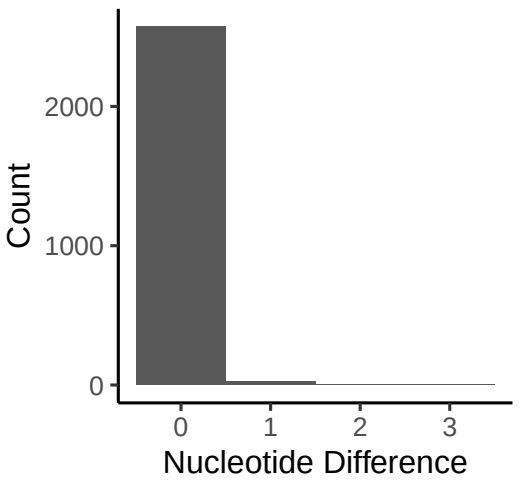
TRBV5−5*ap01

2986 sequences assigned
2967 (99.4%) exact matches, in which:
2953 unique CDR3
13 unique J



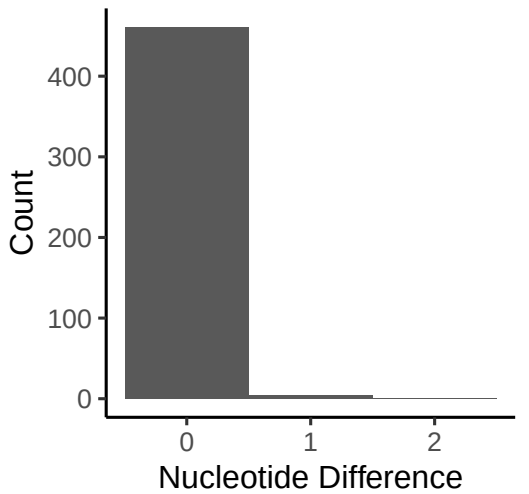
TRBV5−8*ap01

2598 sequences assigned
2572 (99%) exact matches, in which:
2545 unique CDR3
13 unique J



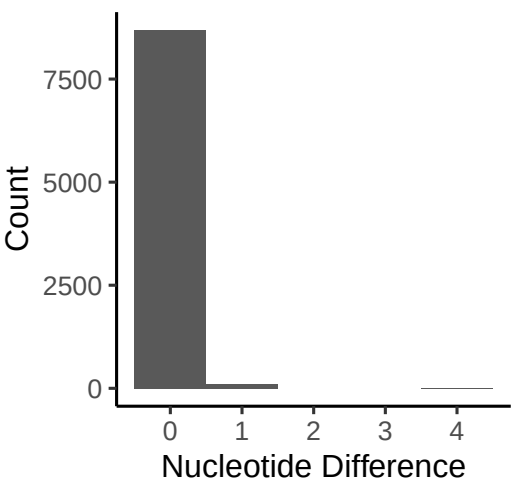
TRBV6−7*ap01

466 sequences assigned
461 (98.9%) exact matches, in which:
451 unique CDR3
13 unique J



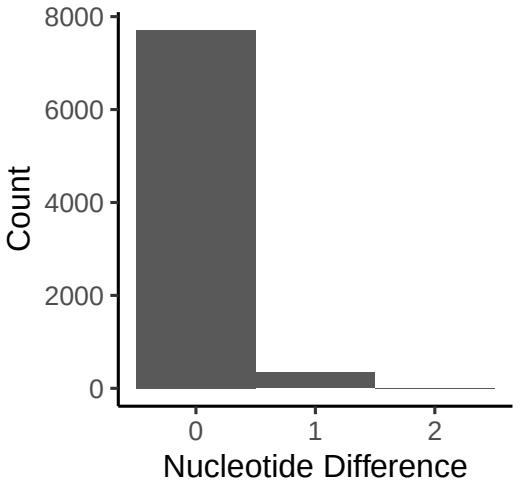
TRBV5−6*ap01

8794 sequences assigned
8689 (98.8%) exact matches, in which:
8463 unique CDR3
13 unique J



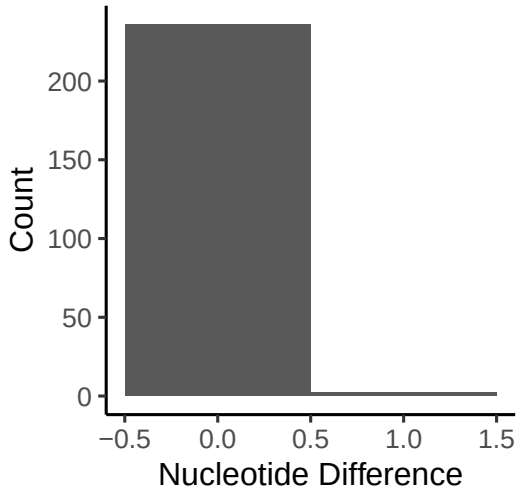
TRBV6−1*ap01

8054 sequences assigned
7711 (95.7%) exact matches, in which:
7581 unique CDR3
13 unique J



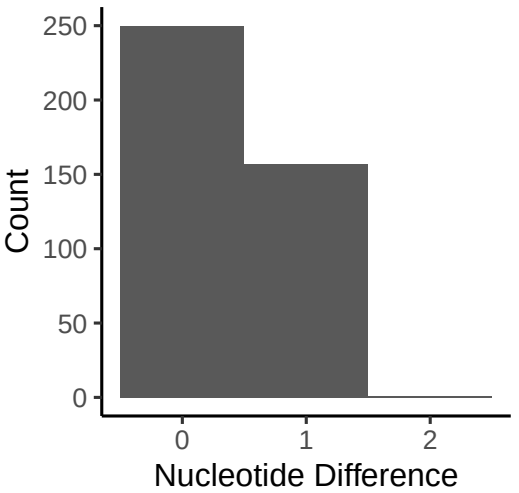
TRBV6−8*ap01

238 sequences assigned
236 (99.2%) exact matches, in which:
231 unique CDR3
13 unique J



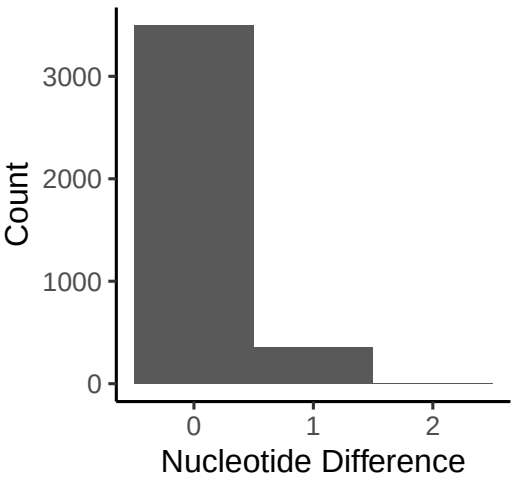
TRBV6−9*ap01

408 sequences assigned
250 (61.3%) exact matches, in which:
245 unique CDR3
13 unique J



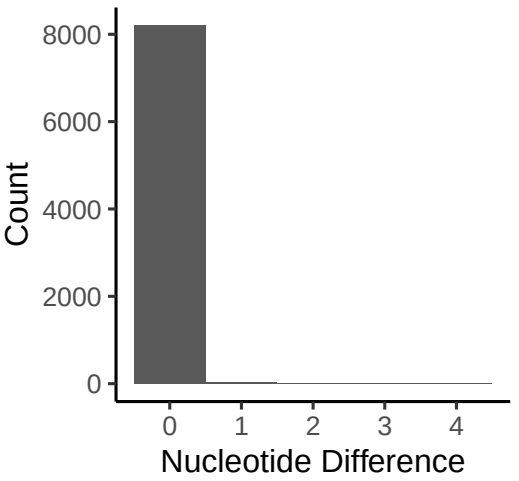
TRBV6−56*ap02

3852 sequences assigned
3497 (90.8%) exact matches, in which:
3439 unique CDR3
13 unique J



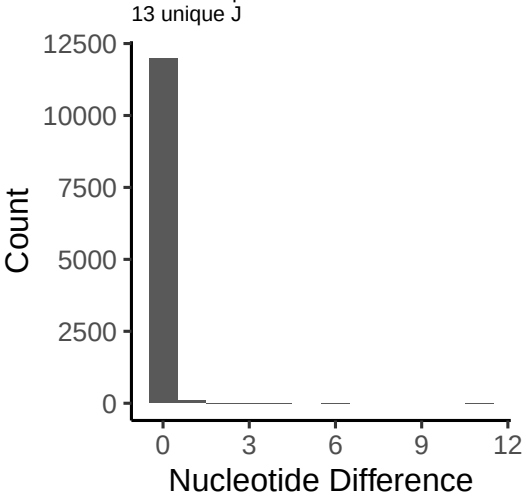
TRBV7−3*ap01

8239 sequences assigned
8203 (99.6%) exact matches, in which:
8144 unique CDR3
13 unique J



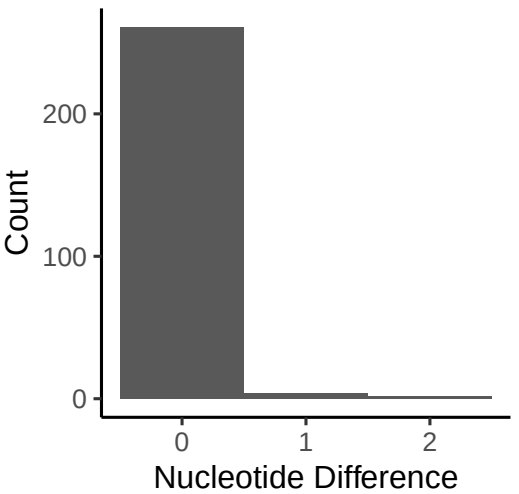
TRBV6−23*ap01

12082 sequences assigned
11981 (99.2%) exact matches, in which:
11678 unique CDR3
13 unique J



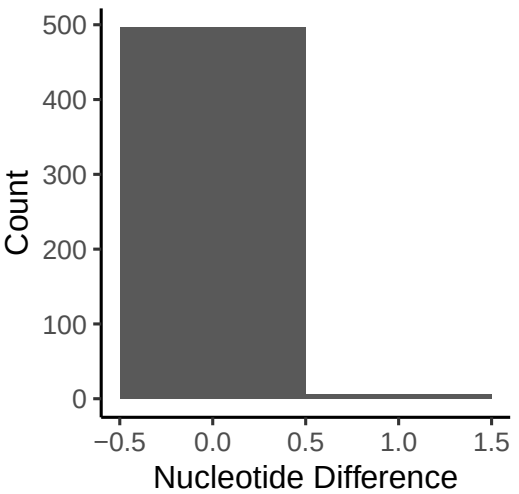
TRBV7−1*ap01_G291C_

267 sequences assigned
261 (97.8%) exact matches, in which:
257 unique CDR3
13 unique J



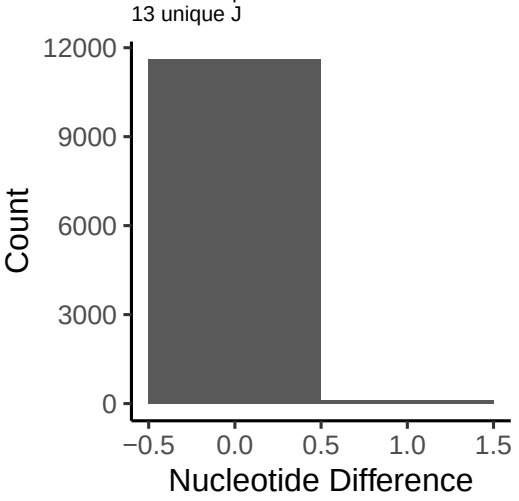
TRBV7−4*ap01

503 sequences assigned
497 (98.8%) exact matches, in which:
488 unique CDR3
13 unique J



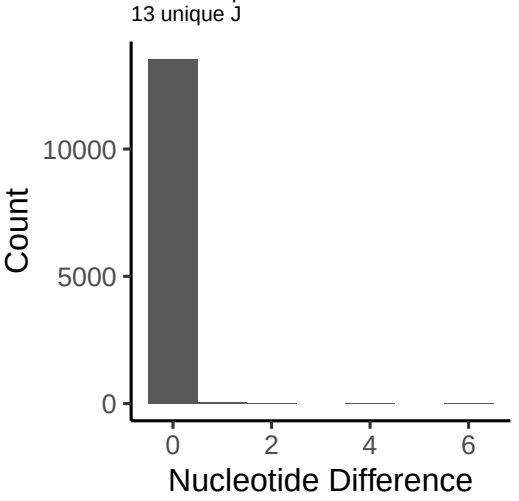
TRBV6−56*ap01

11742 sequences assigned
11626 (99%) exact matches, in which:
11390 unique CDR3
13 unique J



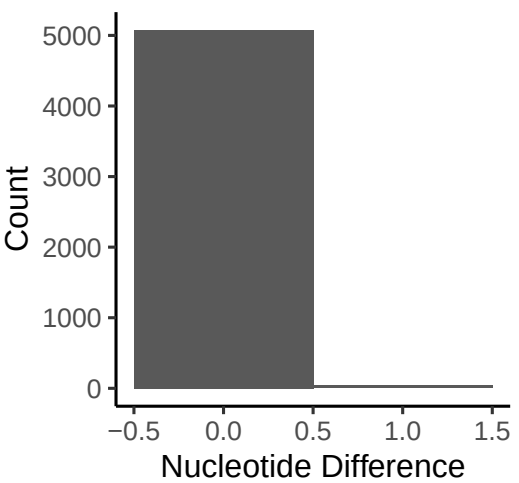
TRBV7−2*ap01

13609 sequences assigned
13546 (99.5%) exact matches, in which:
13385 unique CDR3
13 unique J



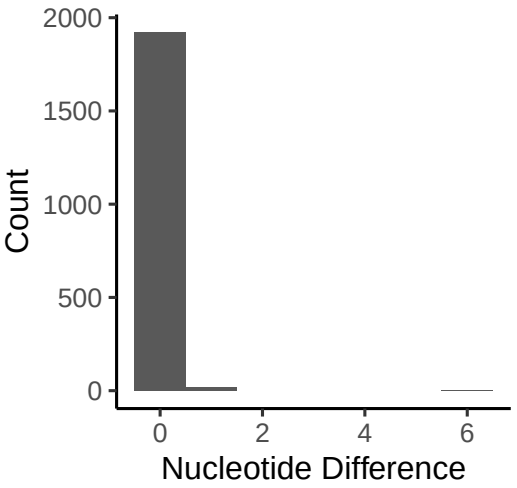
TRBV7−6*ap01

5116 sequences assigned
5076 (99.2%) exact matches, in which:
5012 unique CDR3
13 unique J



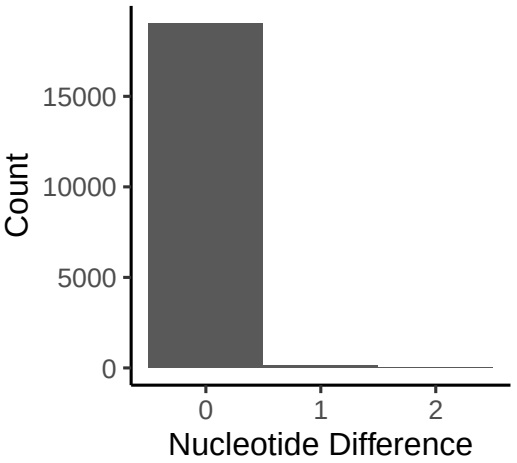
TRBV7−7*ap01_C315T

1940 sequences assigned
1921 (99%) exact matches, in which:
1895 unique CDR3
13 unique J



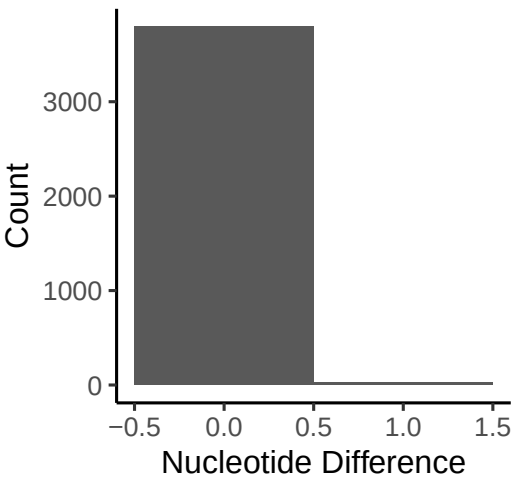
TRBV7−9*ap01

19165 sequences assigned
19042 (99.4%) exact matches, in which:
18802 unique CDR3
13 unique J



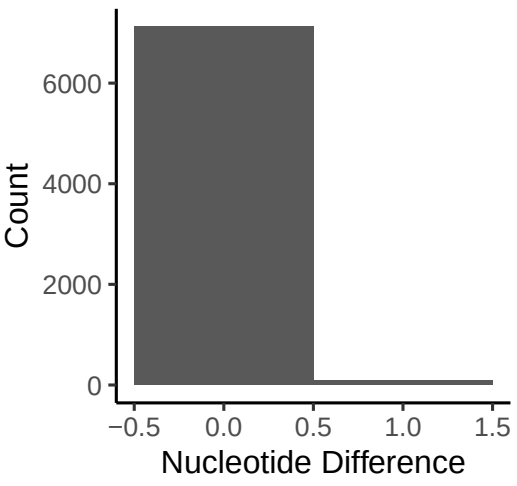
TRBV7−8*ap01

3825 sequences assigned
3794 (99.2%) exact matches, in which:
3744 unique CDR3
13 unique J



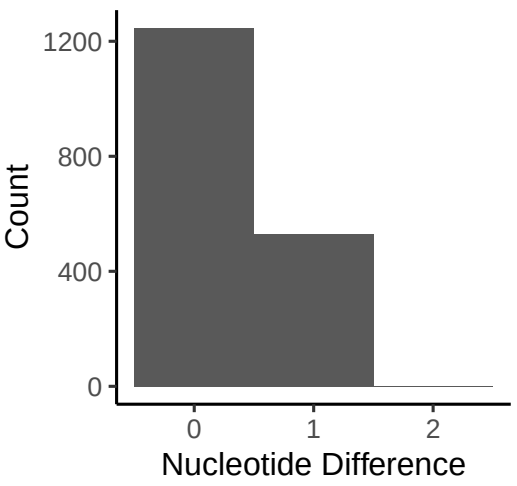
TRBV29−1*ap01

7206 sequences assigned
7121 (98.8%) exact matches, in which:
6964 unique CDR3
13 unique J



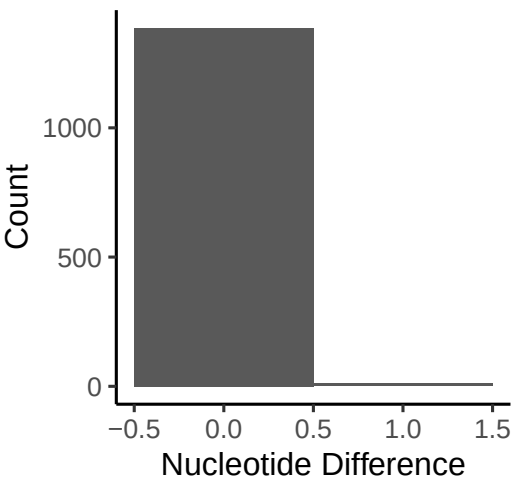
TRBV7−8*ap03

1778 sequences assigned
1246 (70.1%) exact matches, in which:
1230 unique CDR3
13 unique J

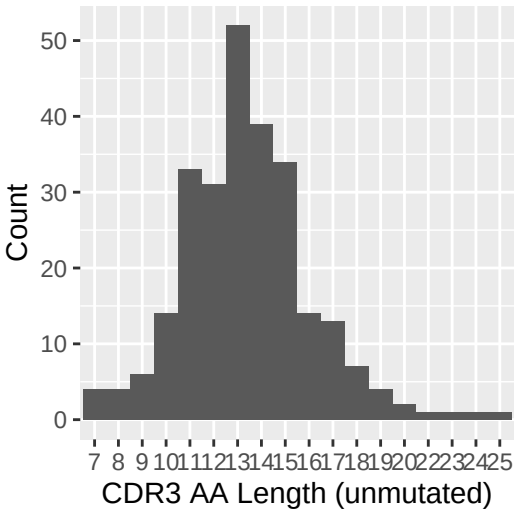


TRBV29−1*ap02

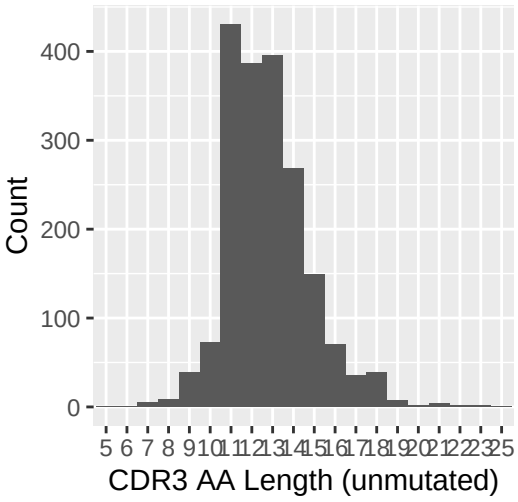
1397 sequences assigned
1386 (99.2%) exact matches, in which:
1366 unique CDR3
13 unique J

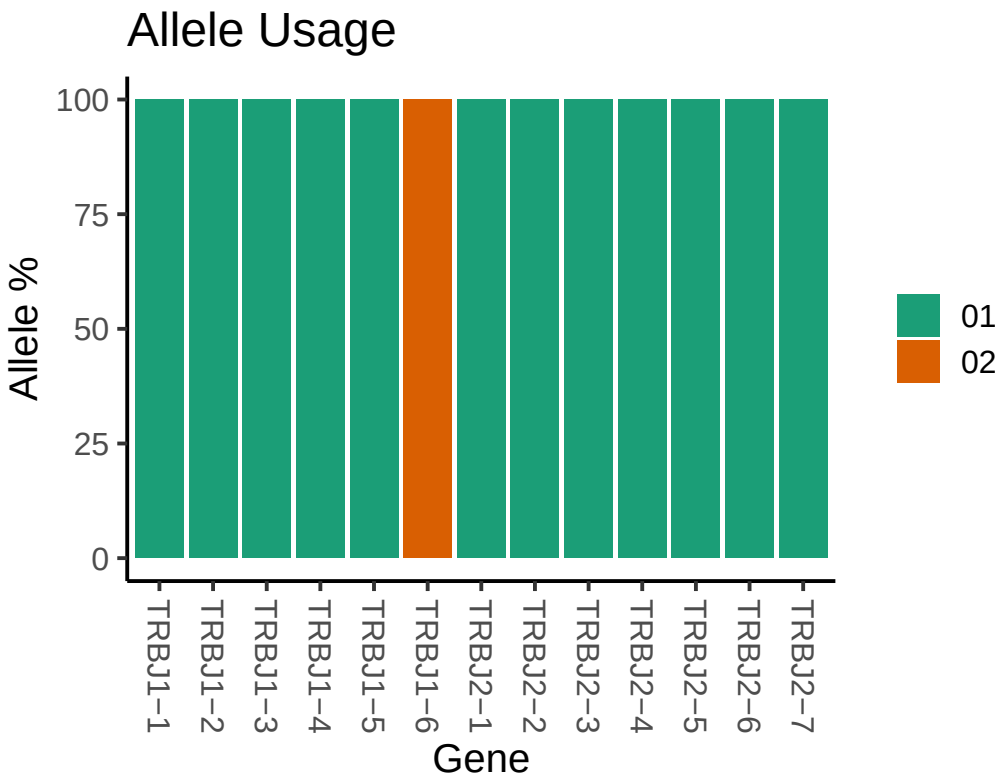


TRBV7−1*ap01_G291C_T296C



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.