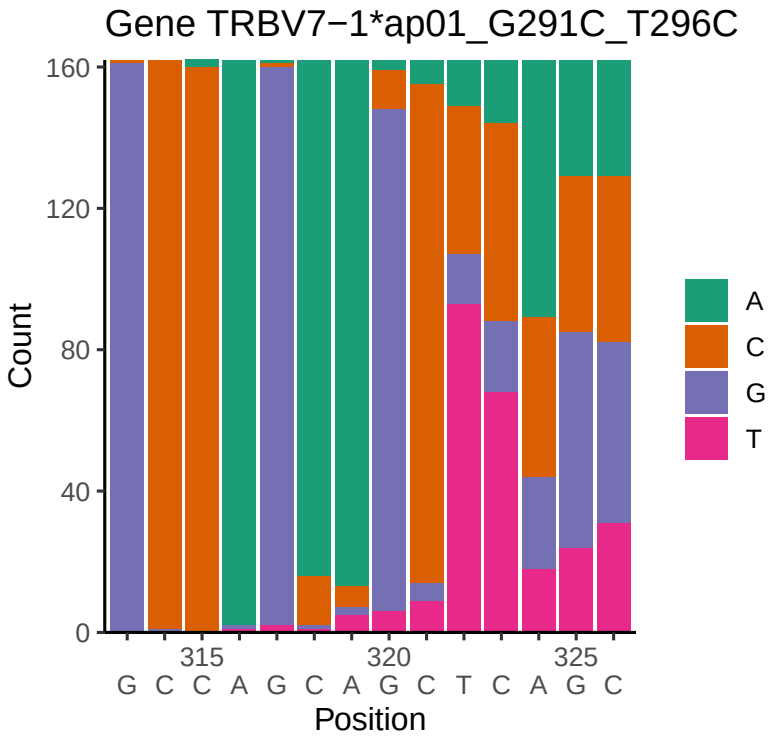
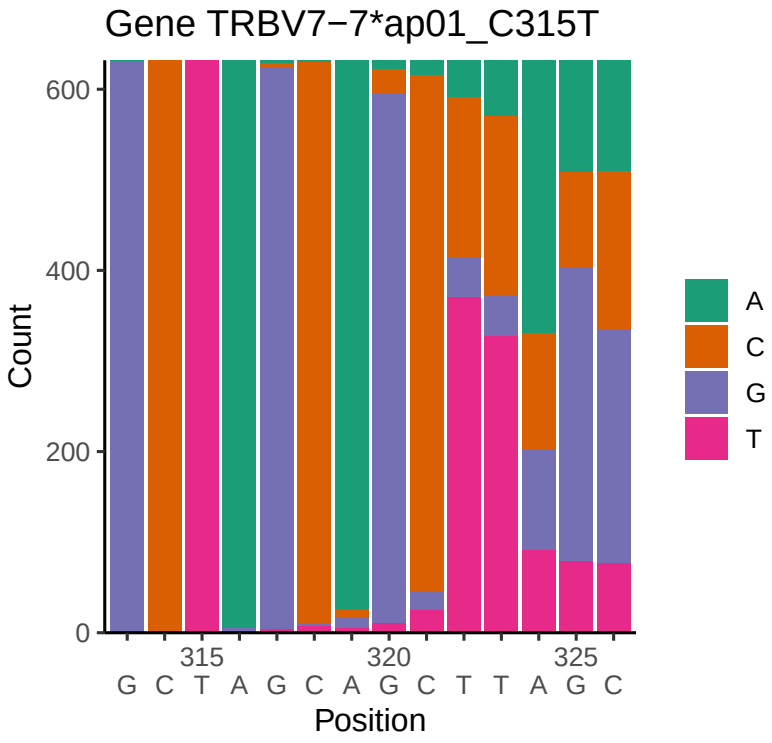
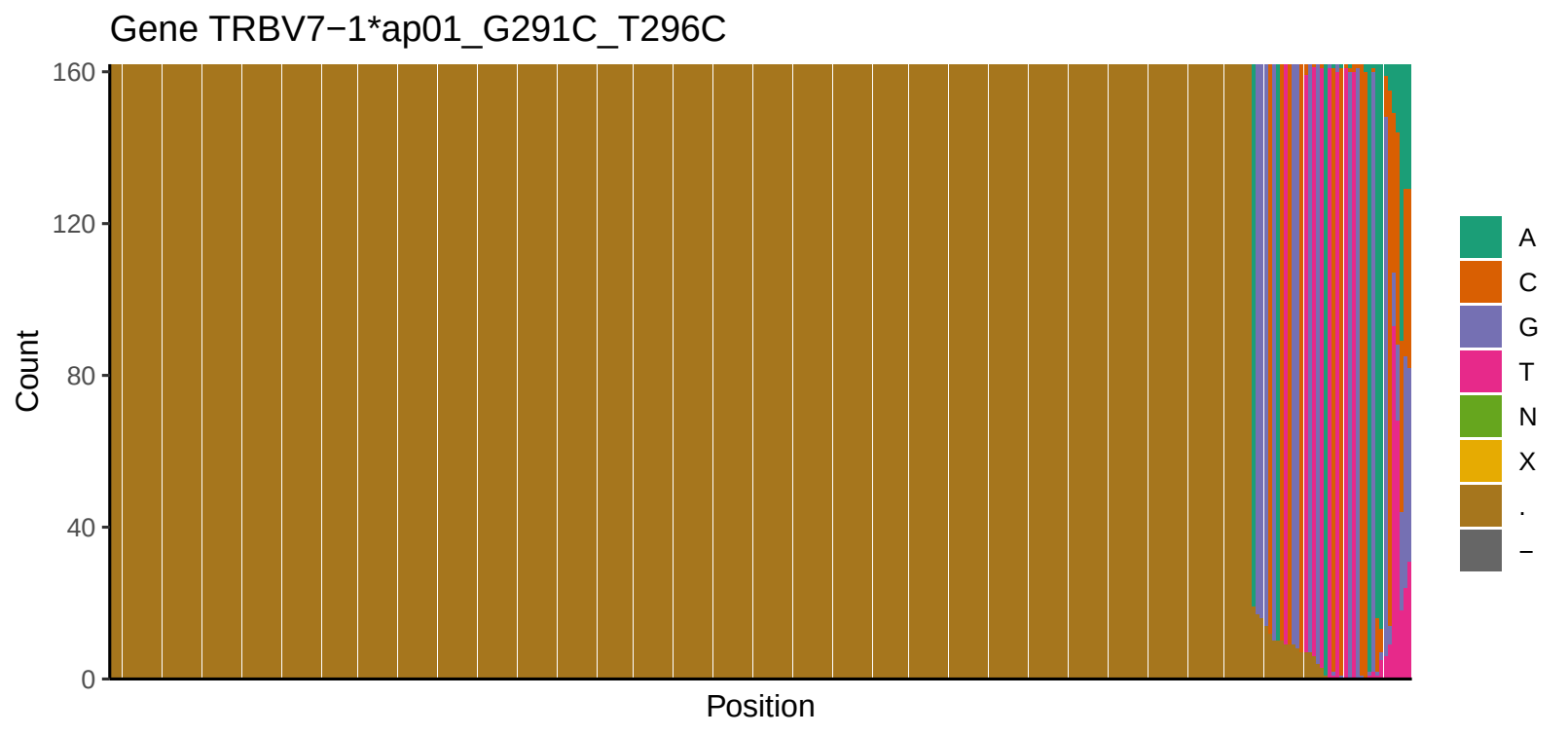
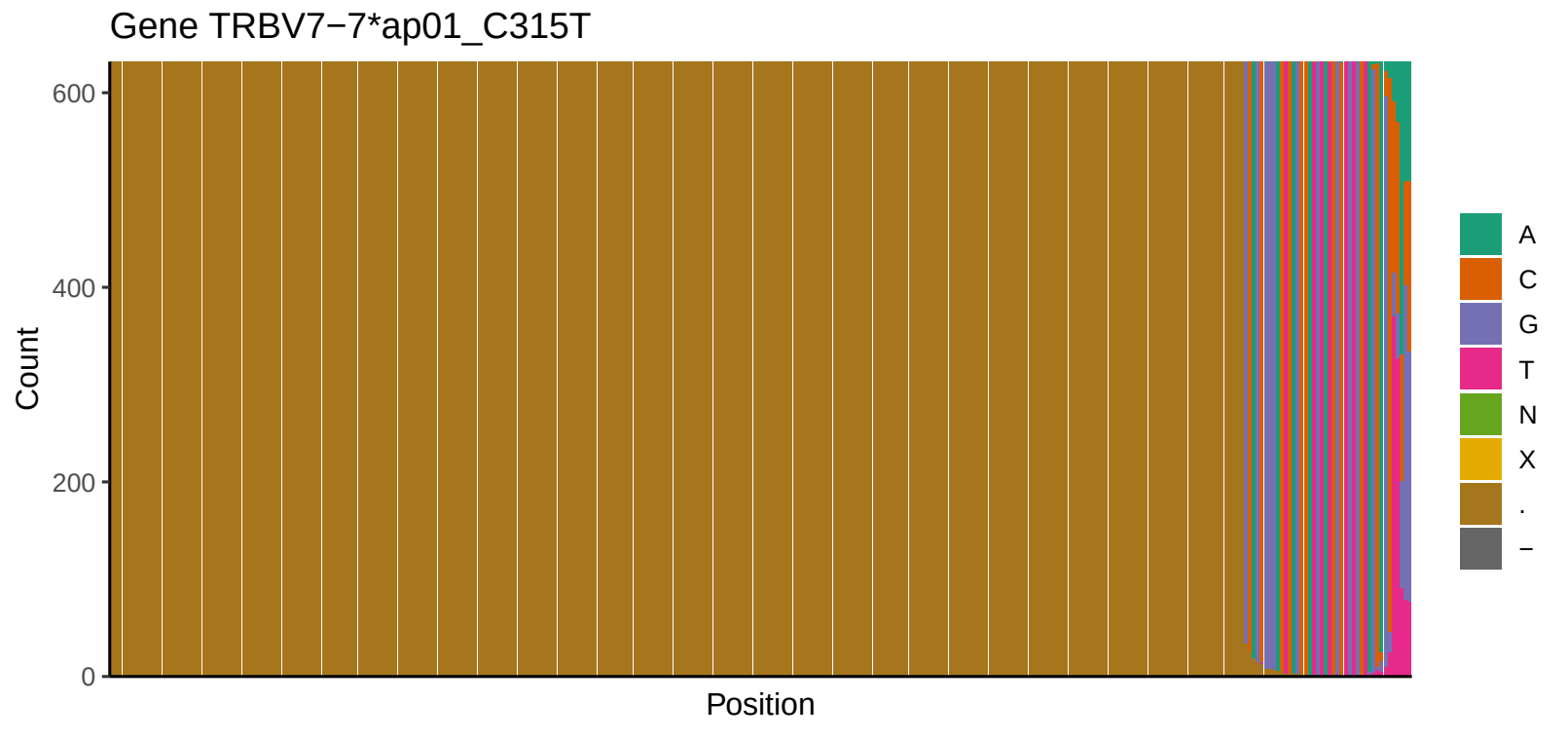
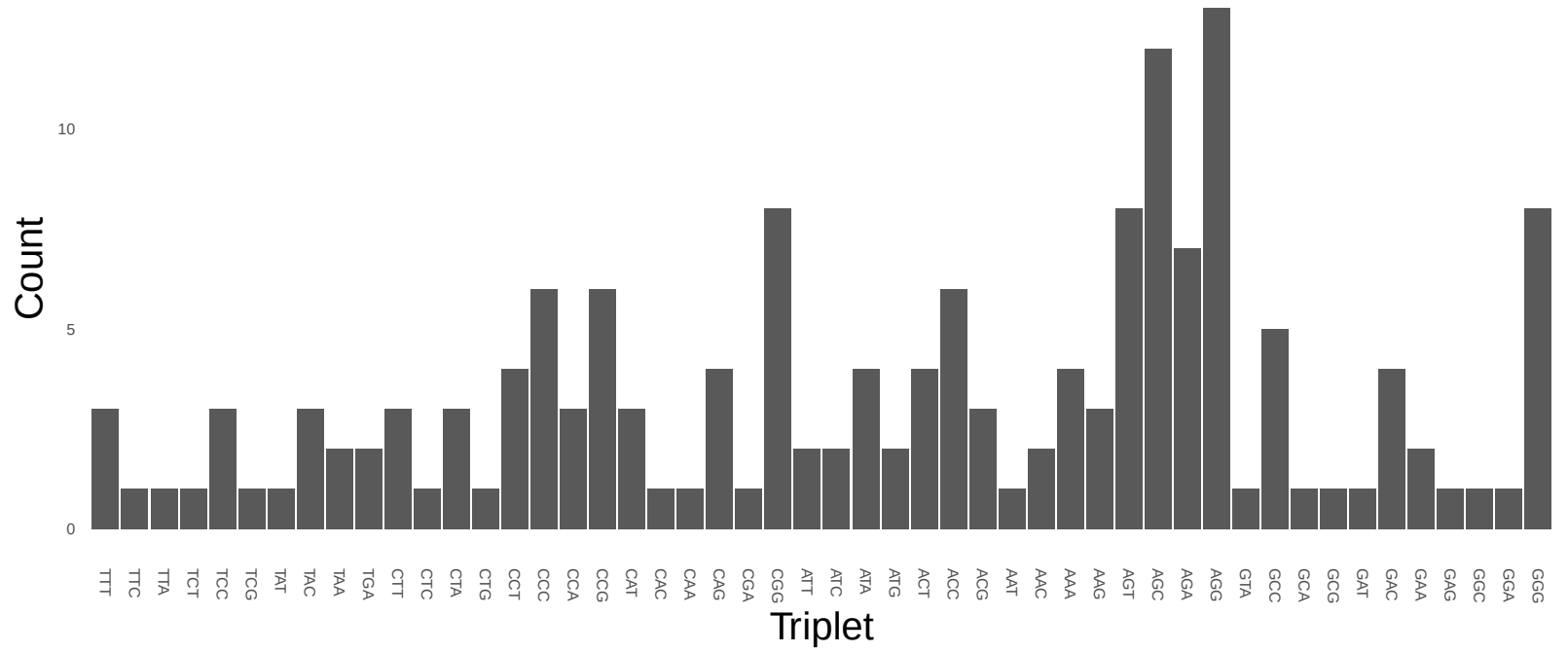

Gene TRBV7−1*ap01_G291C_T296C
160
120
80
40
0
Count
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
600
400
200
0
Count
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

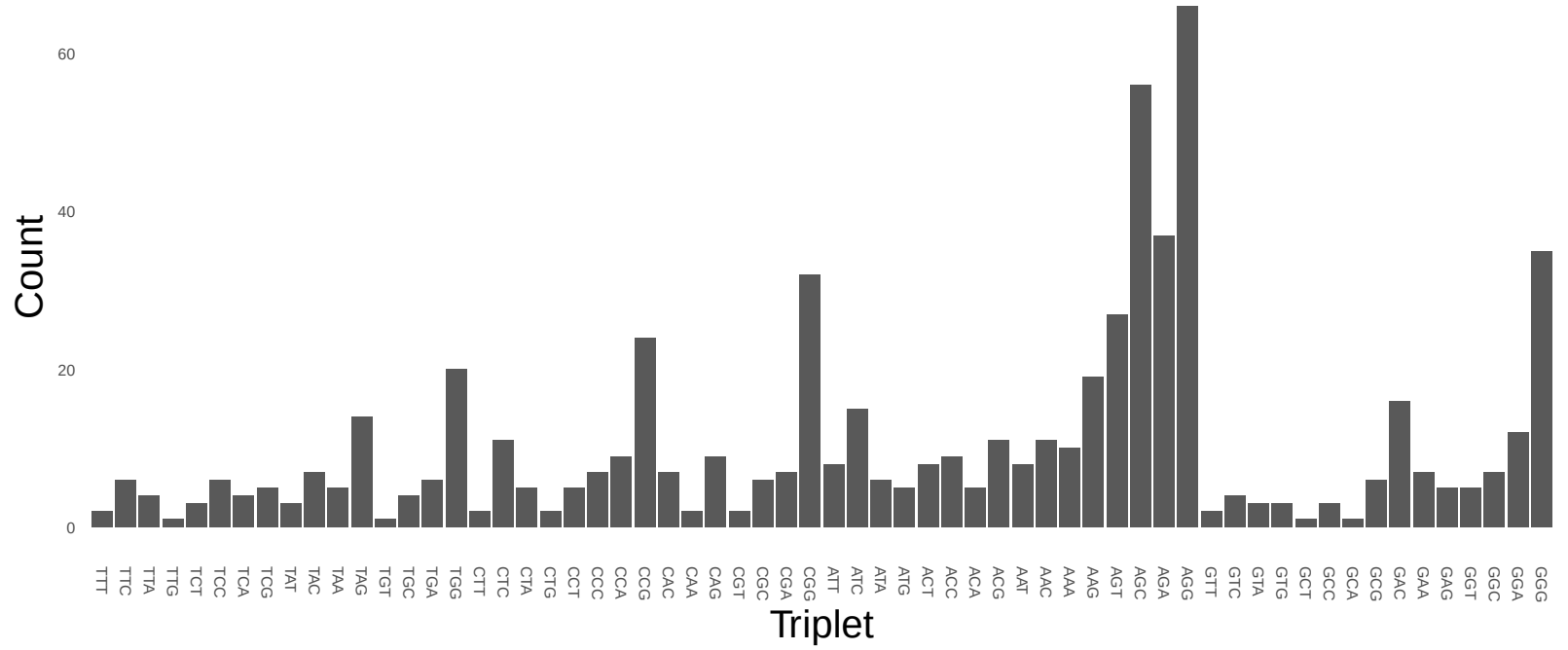

Gene TRBV7−1*ap01_G291C_T296C
160
120
80
40
0
Count
Position
A
C
G
T
N
X
.
–


Gene TRBV7−7*ap01_C315T
600
400
200
0
Count
Position
A
C
G
T
N
X
.
–

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

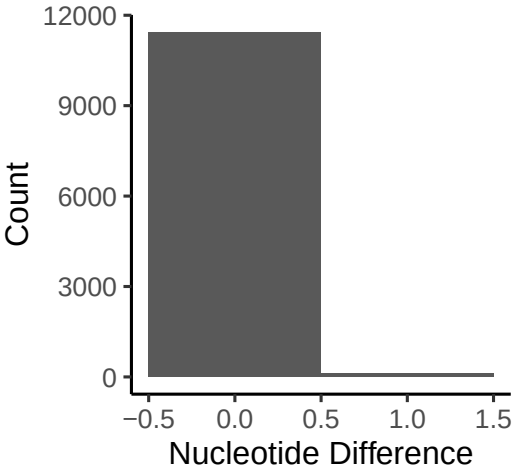


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



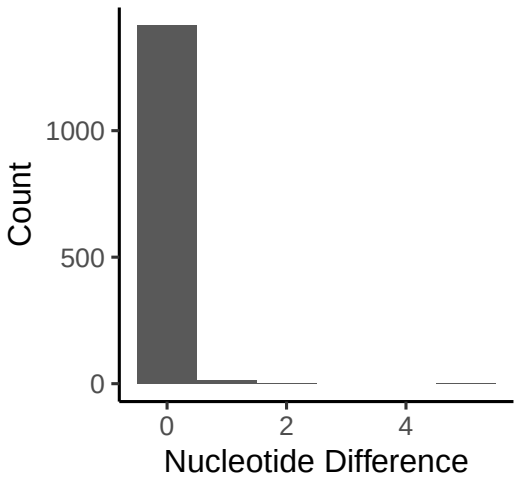
TRBV20−1*ap01

11545 sequences assigned
11439 (99.1%) exact matches, in which:
11289 unique CDR3
13 unique J



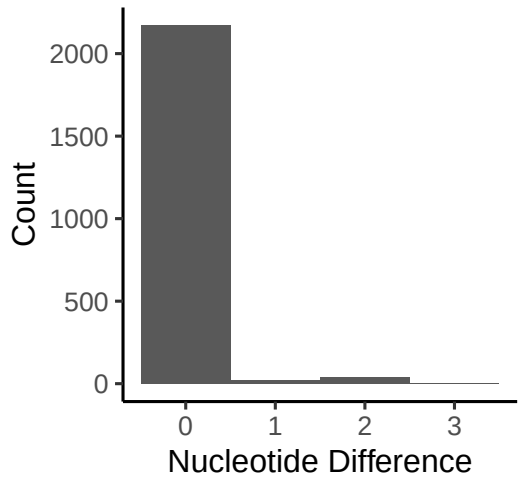
TRBV10−2*ap01

1431 sequences assigned
1416 (99%) exact matches, in which:
1394 unique CDR3
13 unique J



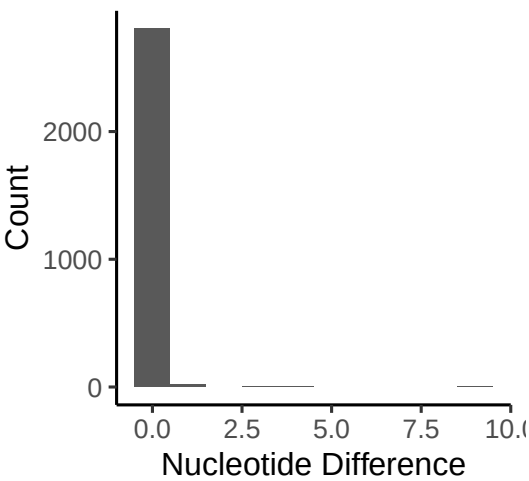
TRBV13*ap01

2238 sequences assigned
2171 (97%) exact matches, in which:
2121 unique CDR3
13 unique J



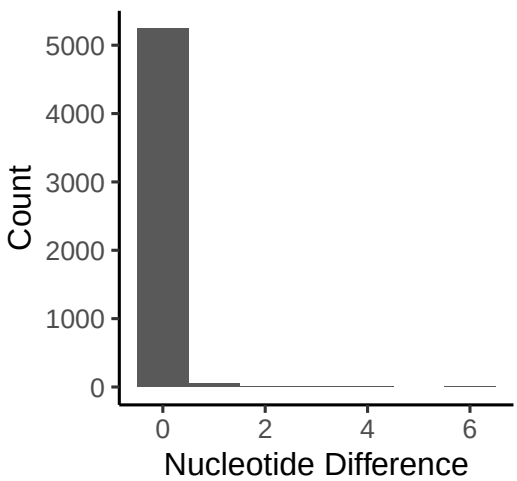
TRBV10−1*ap01

2825 sequences assigned
2805 (99.3%) exact matches, in which:
2764 unique CDR3
13 unique J



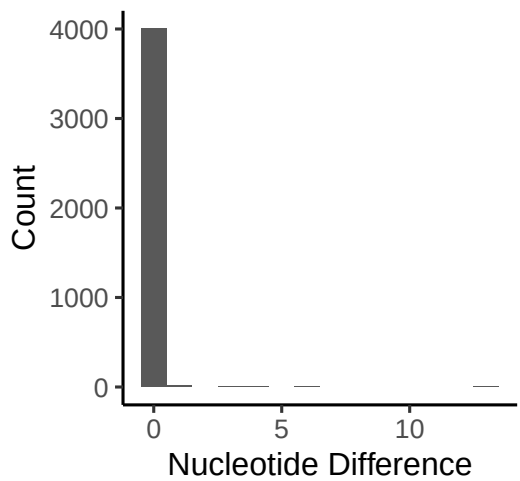
TRBV10−3*ap01

5295 sequences assigned
5241 (99%) exact matches, in which:
5139 unique CDR3
13 unique J



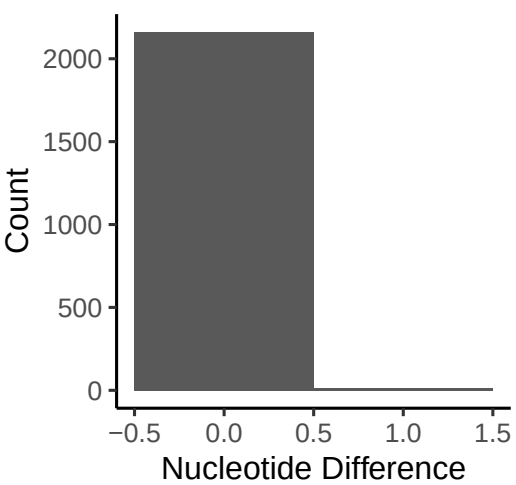
TRBV14*ap01

4035 sequences assigned
4003 (99.2%) exact matches, in which:
3957 unique CDR3
13 unique J



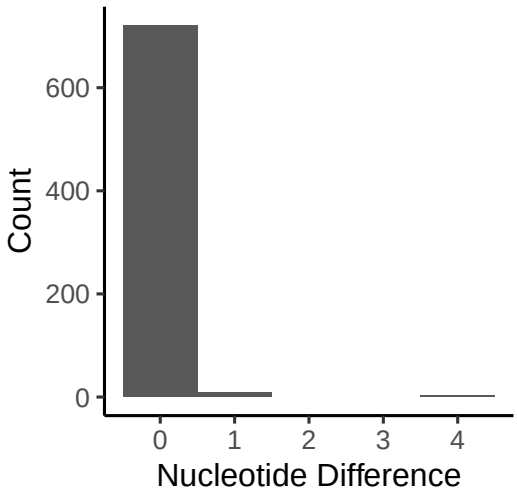
TRBV20−1*ap02

2175 sequences assigned
2161 (99.4%) exact matches, in which:
2135 unique CDR3
13 unique J



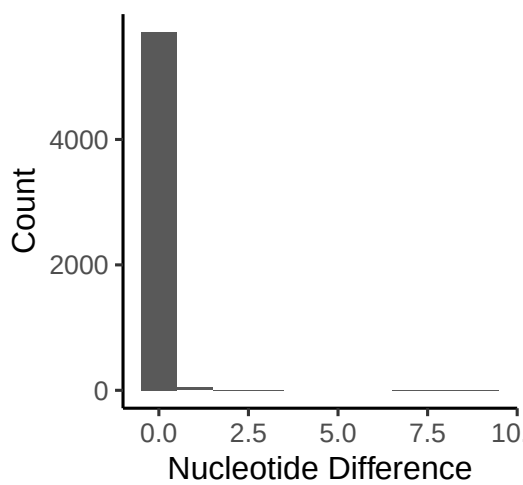
TRBV1*ap01

732 sequences assigned
721 (98.5%) exact matches, in which:
704 unique CDR3
13 unique J



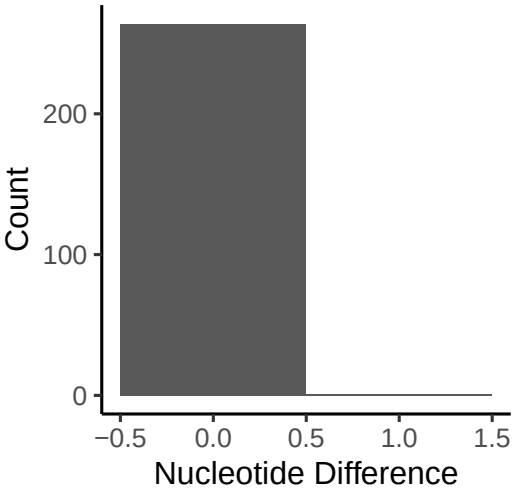
TRBV15*ap02

5766 sequences assigned
5713 (99.1%) exact matches, in which:
5608 unique CDR3
13 unique J



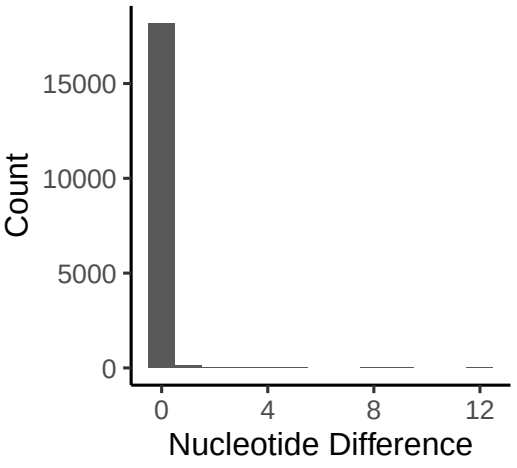
TRBV16*ap01

265 sequences assigned
264 (99.6%) exact matches, in which:
261 unique CDR3
13 unique J



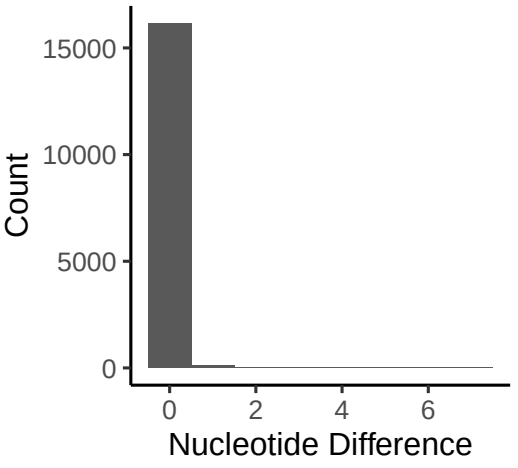
TRBV19*ap01

18328 sequences assigned
18185 (99.2%) exact matches, in which:
18050 unique CDR3
13 unique J



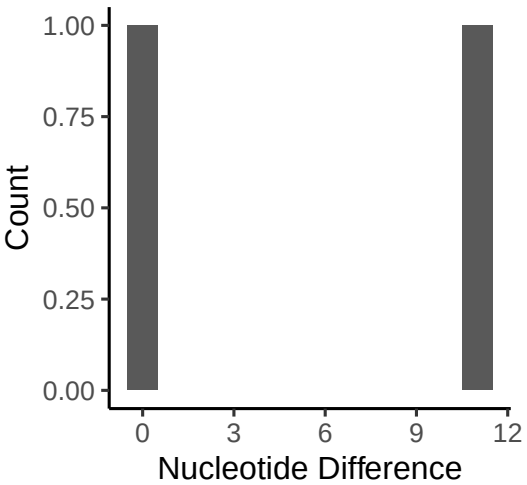
TRBV27*ap01

16312 sequences assigned
16161 (99.1%) exact matches, in which:
15899 unique CDR3
13 unique J



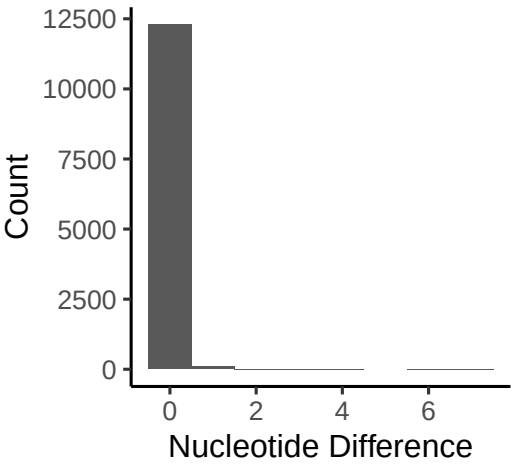
TRBV17*ap01

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



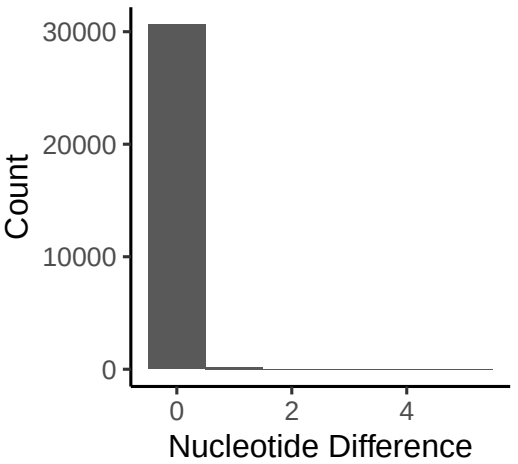
TRBV2*ap01

12399 sequences assigned
12298 (99.2%) exact matches, in which:
12108 unique CDR3
13 unique J



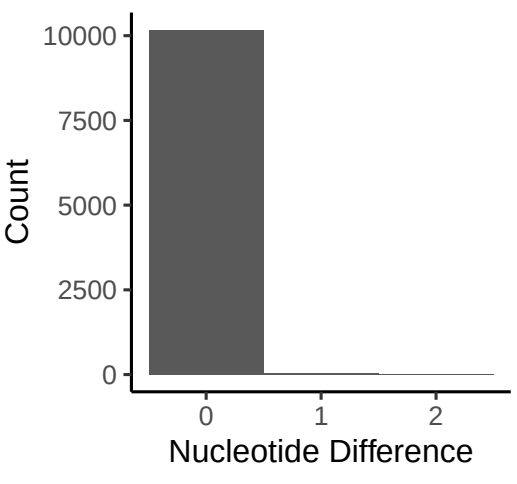
TRBV28*ap01

30843 sequences assigned
30643 (99.4%) exact matches, in which:
30309 unique CDR3
13 unique J



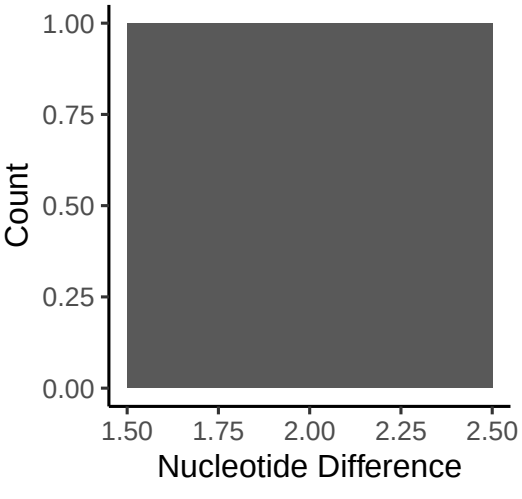
TRBV18*ap01

10205 sequences assigned
10174 (99.7%) exact matches, in which:
10102 unique CDR3
13 unique J



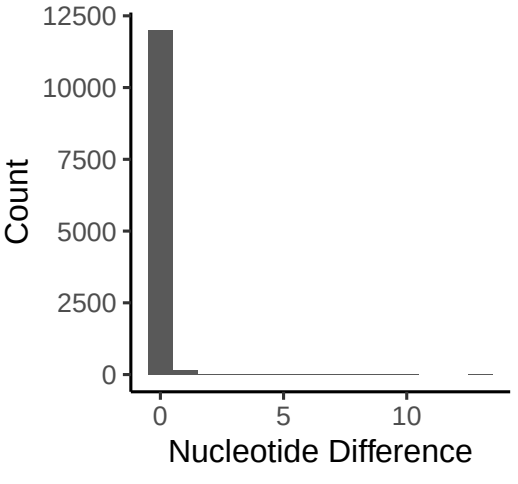
TRBV26*ap01

1 sequences assigned
No exact matches.



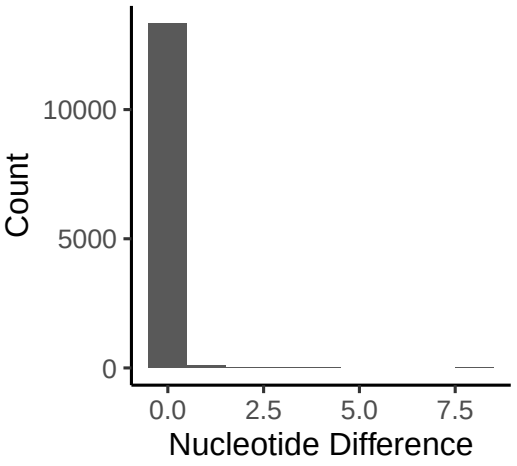
TRBV30*ap01

12193 sequences assigned
12013 (98.5%) exact matches, in which:
11749 unique CDR3
13 unique J



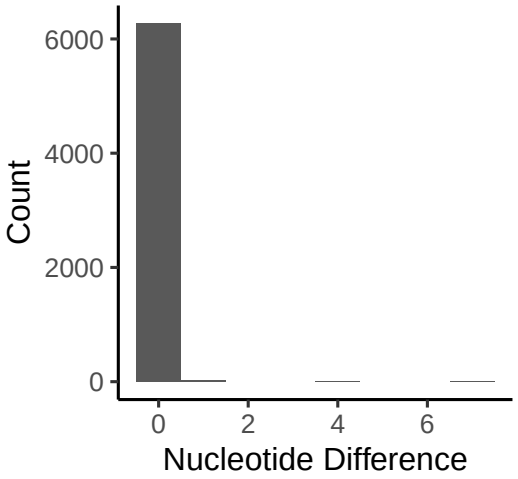
TRBV9*ap01

13441 sequences assigned
13346 (99.3%) exact matches, in which:
13220 unique CDR3
13 unique J



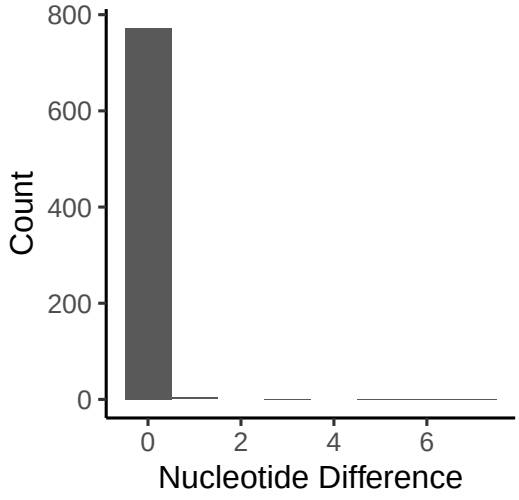
TRBV11−2*ap01

6293 sequences assigned
6272 (99.7%) exact matches, in which:
6226 unique CDR3
13 unique J



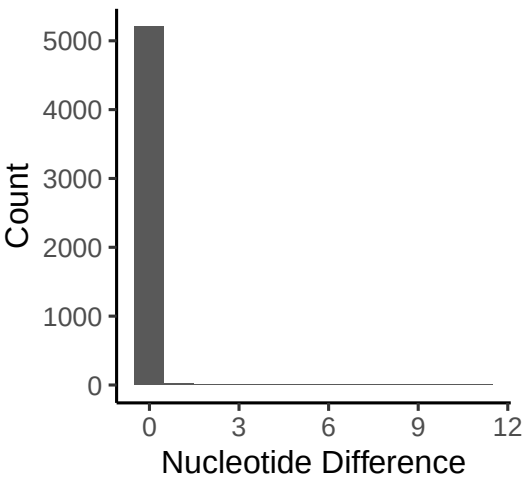
TRBV12−2*ap01

781 sequences assigned
773 (99%) exact matches, in which:
768 unique CDR3
13 unique J



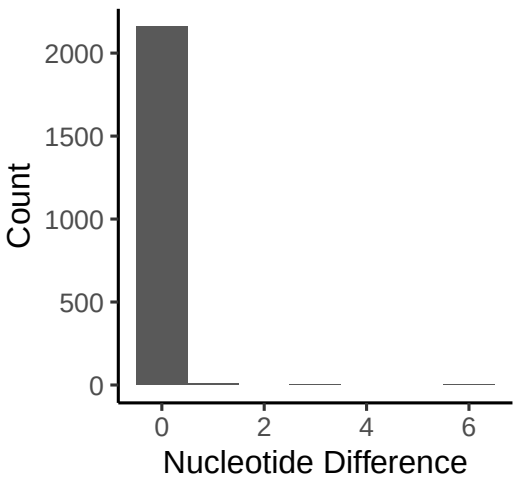
TRBV21−1*ap01

5252 sequences assigned
5204 (99.1%) exact matches, in which:
5181 unique CDR3
13 unique J



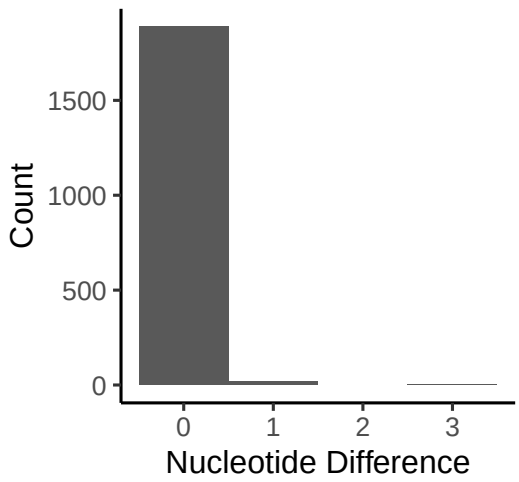
TRBV11−3*ap01

2175 sequences assigned
2159 (99.3%) exact matches, in which:
2151 unique CDR3
13 unique J



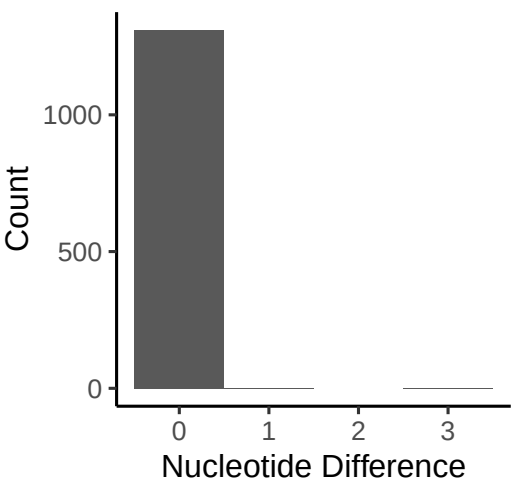
TRBV12−5*ap01

1907 sequences assigned
1888 (99%) exact matches, in which:
1869 unique CDR3
13 unique J



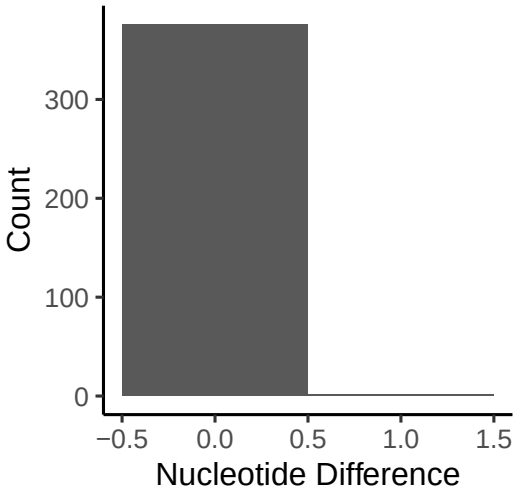
TRBV11−1*ap01

1313 sequences assigned
1310 (99.8%) exact matches, in which:
1300 unique CDR3
13 unique J



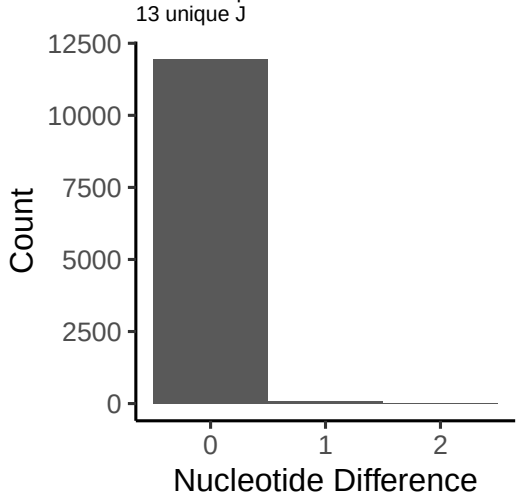
TRBV12−1*ap01

378 sequences assigned
376 (99.5%) exact matches, in which:
368 unique CDR3
13 unique J



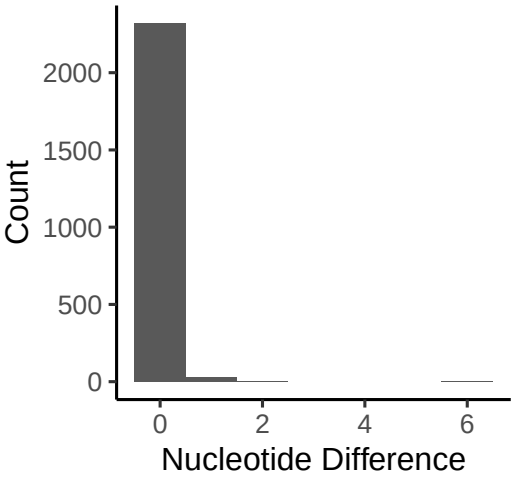
TRBV12−34*ap01

12068 sequences assigned
11962 (99.1%) exact matches, in which:
11769 unique CDR3
13 unique J



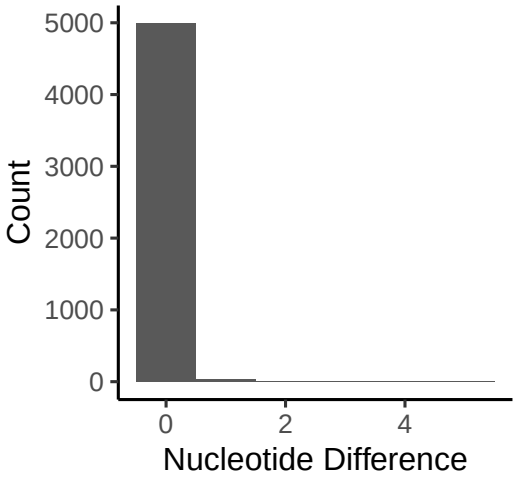
TRBV23−1*ap01

2349 sequences assigned
2319 (98.7%) exact matches, in which:
2288 unique CDR3
13 unique J



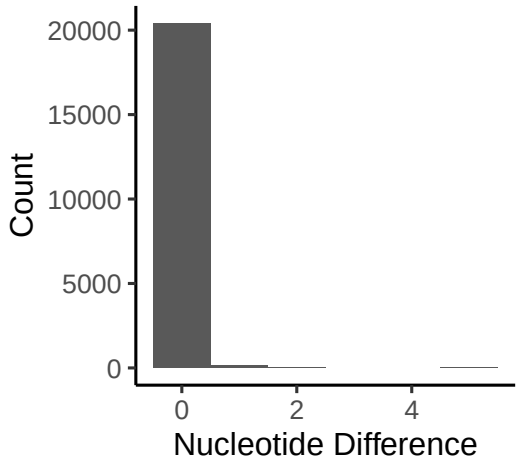
TRBV24−1*ap01

5040 sequences assigned
4991 (99%) exact matches, in which:
4889 unique CDR3
13 unique J



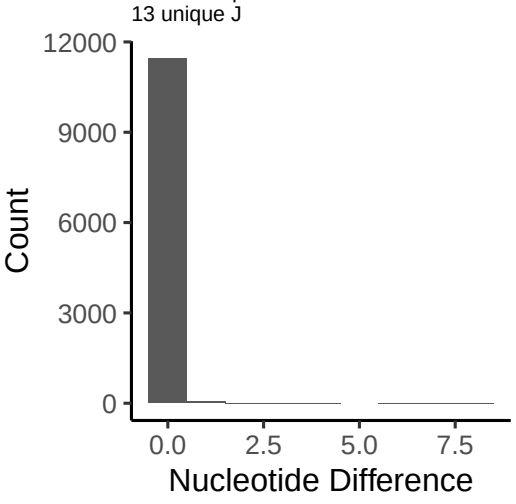
TRBV5−1*ap01

20594 sequences assigned
20414 (99.1%) exact matches, in which:
19974 unique CDR3
13 unique J



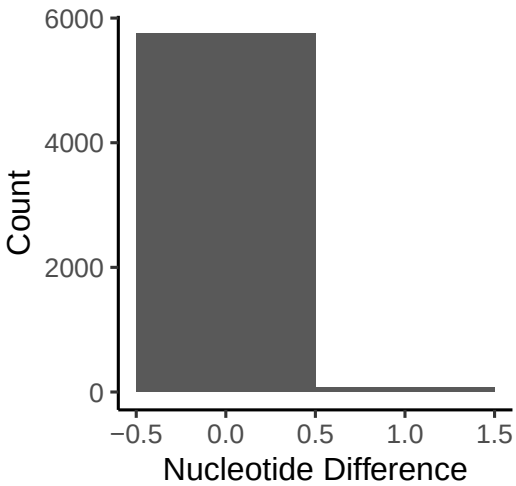
TRBV3−12*ap01

11523 sequences assigned
11451 (99.4%) exact matches, in which:
11368 unique CDR3
13 unique J



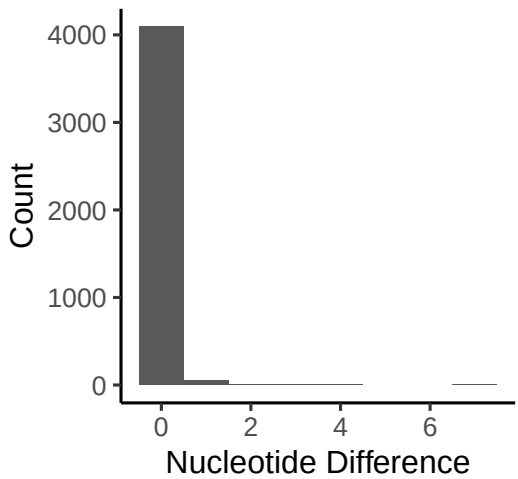
TRBV4−2*ap01

5821 sequences assigned
5749 (98.8%) exact matches, in which:
5631 unique CDR3
13 unique J



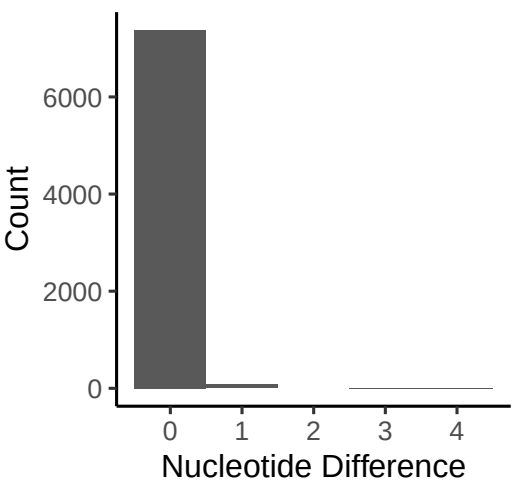
TRBV25−1*ap01

4145 sequences assigned
4093 (98.7%) exact matches, in which:
3992 unique CDR3
13 unique J



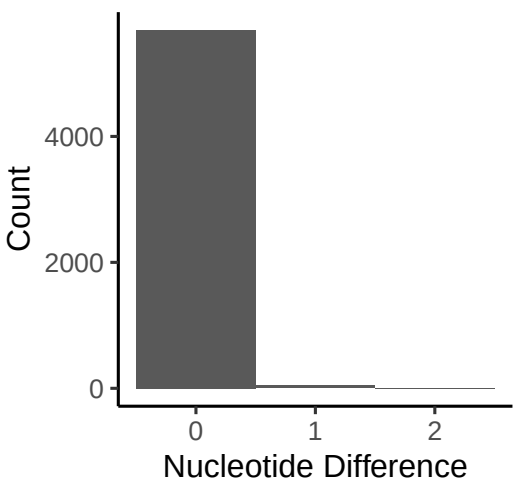
TRBV4−1*ap01

7455 sequences assigned
7377 (99%) exact matches, in which:
7213 unique CDR3
13 unique J



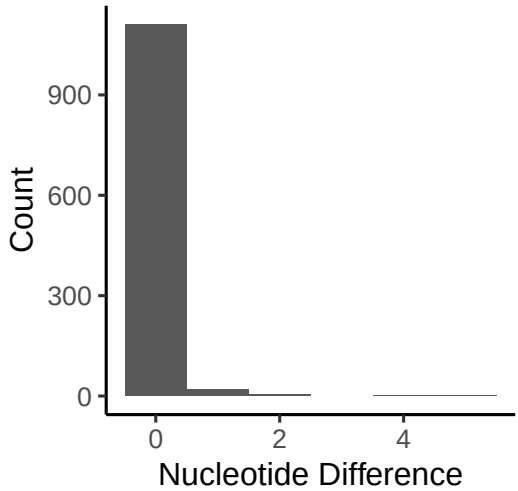
TRBV4−3*ap01

5738 sequences assigned
5689 (99.1%) exact matches, in which:
5593 unique CDR3
13 unique J



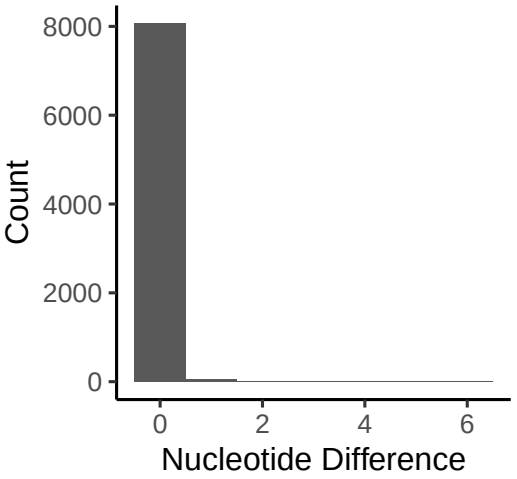
TRBV5−3*ap01

1136 sequences assigned
1111 (97.8%) exact matches, in which:
1100 unique CDR3
13 unique J



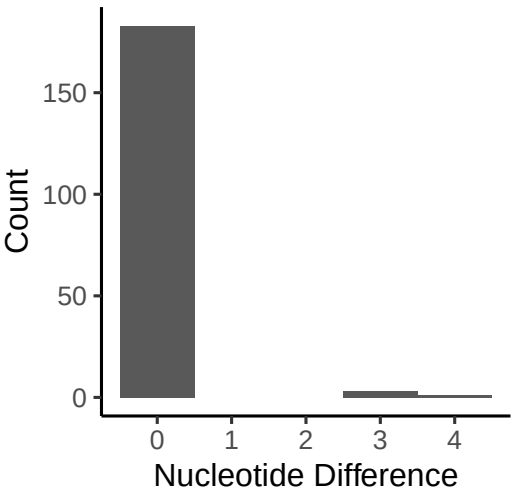
TRBV5−4*ap01

8140 sequences assigned
8067 (99.1%) exact matches, in which:
7911 unique CDR3
13 unique J



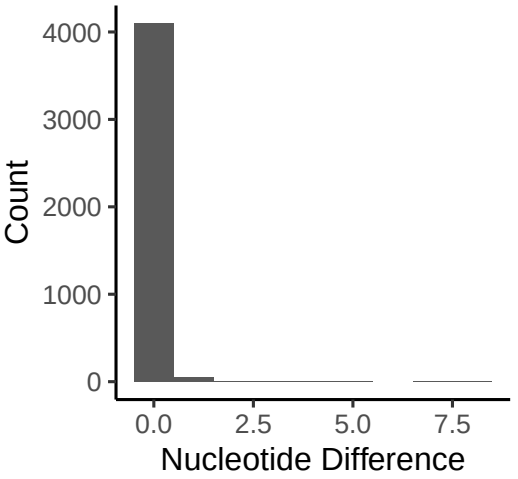
TRBV5−7*ap01

187 sequences assigned
183 (97.9%) exact matches, in which:
180 unique CDR3
13 unique J



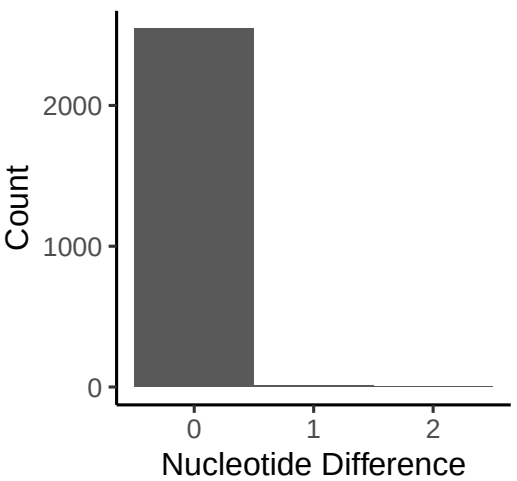
TRBV6−4*ap01

4162 sequences assigned
4098 (98.5%) exact matches, in which:
4061 unique CDR3
13 unique J



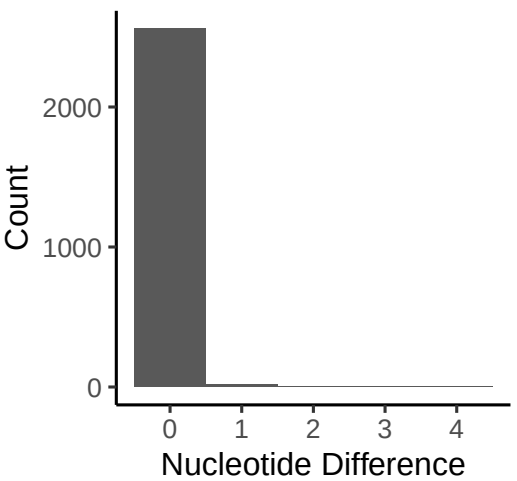
TRBV5−5*ap01

2556 sequences assigned
2545 (99.6%) exact matches, in which:
2531 unique CDR3
13 unique J



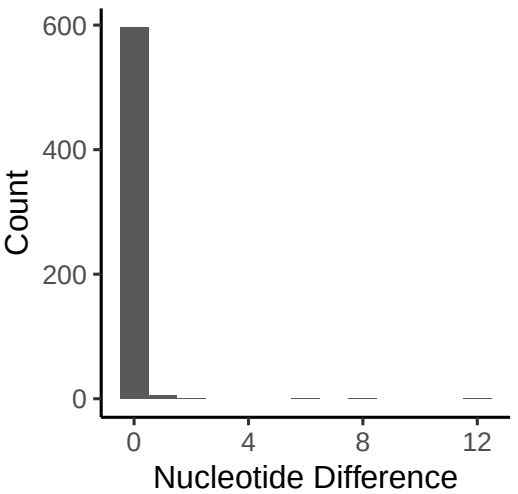
TRBV5−8*ap01

2583 sequences assigned
2559 (99.1%) exact matches, in which:
2528 unique CDR3
13 unique J



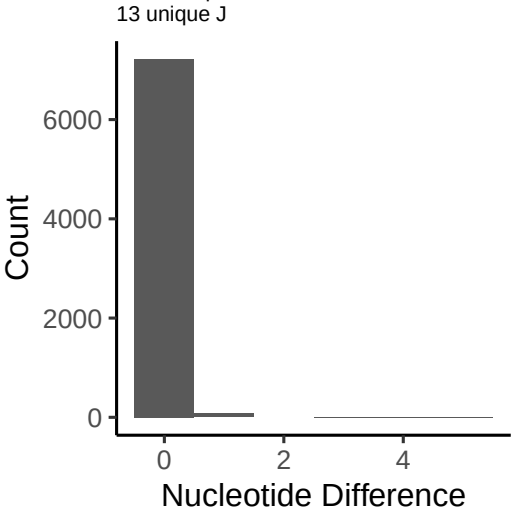
TRBV6−7*ap01

606 sequences assigned
597 (98.5%) exact matches, in which:
586 unique CDR3
13 unique J



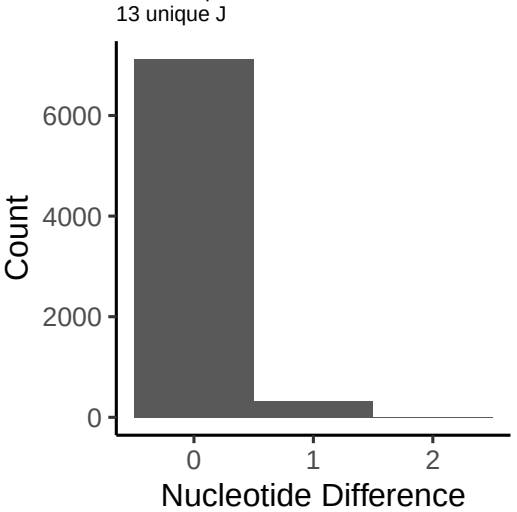
TRBV5−6*ap01

7303 sequences assigned
7220 (98.9%) exact matches, in which:
7033 unique CDR3
13 unique J



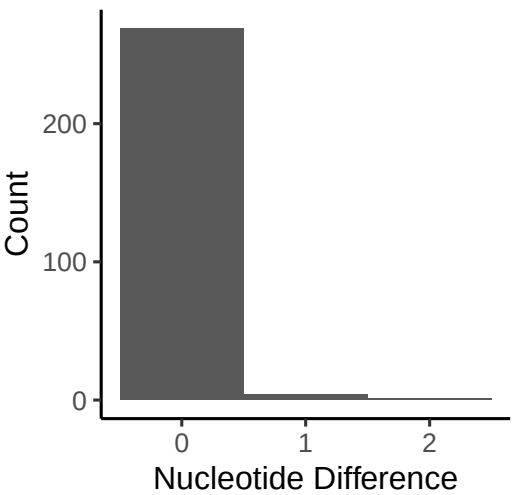
TRBV6−1*ap01

7450 sequences assigned
7122 (95.6%) exact matches, in which:
6973 unique CDR3
13 unique J



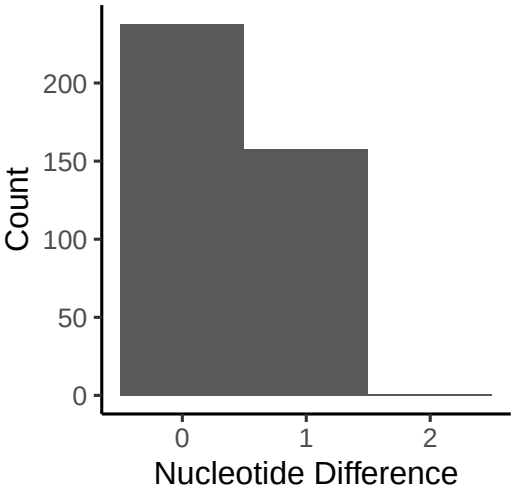
TRBV6−8*ap01

274 sequences assigned
269 (98.2%) exact matches, in which:
261 unique CDR3
13 unique J



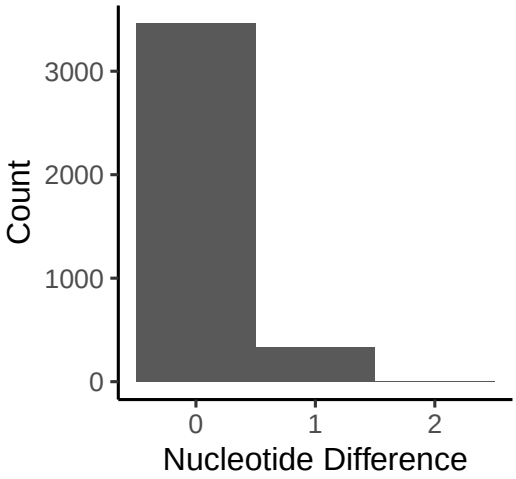
TRBV6−9*ap01

397 sequences assigned
238 (59.9%) exact matches, in which:
231 unique CDR3
13 unique J



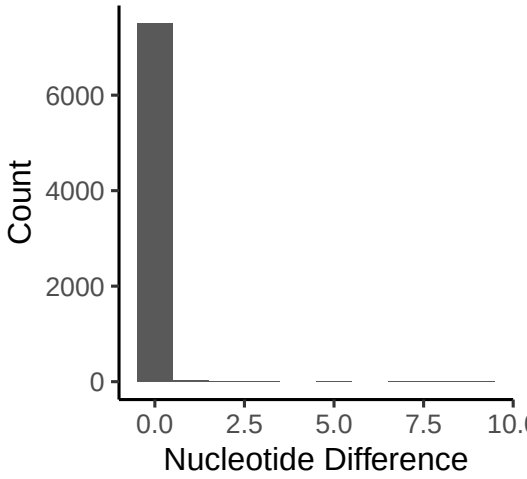
TRBV6−56*ap02

3800 sequences assigned
3462 (91.1%) exact matches, in which:
3400 unique CDR3
13 unique J



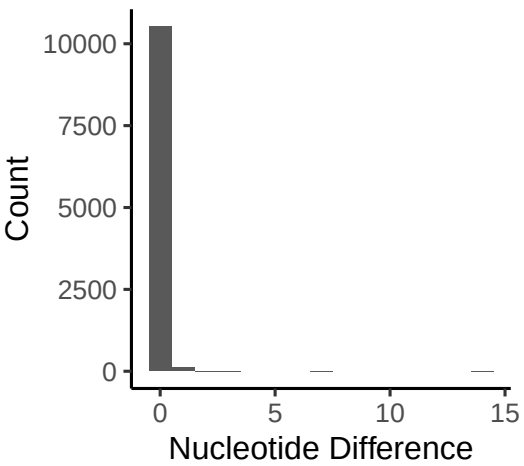
TRBV7−3*ap01

7548 sequences assigned
7503 (99.4%) exact matches, in which:
7445 unique CDR3
13 unique J



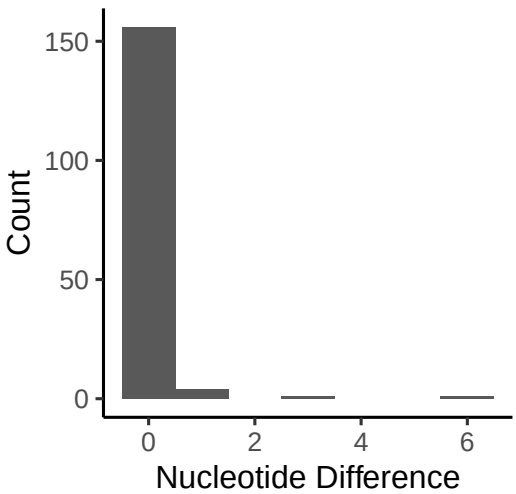
TRBV6−23*ap01

10647 sequences assigned
10528 (98.9%) exact matches, in which:
10268 unique CDR3
13 unique J



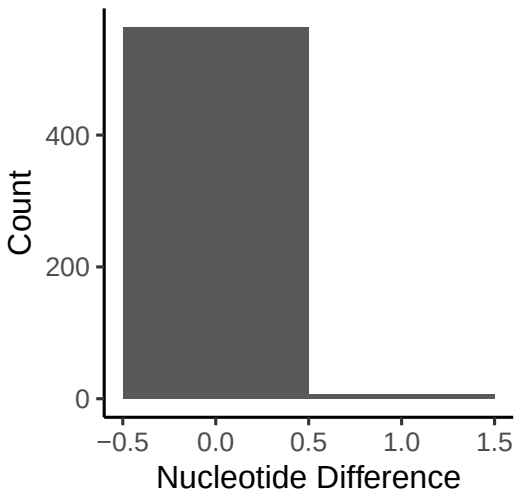
TRBV7−1*ap01_G291C_

162 sequences assigned
156 (96.3%) exact matches, in which:
155 unique CDR3
13 unique J



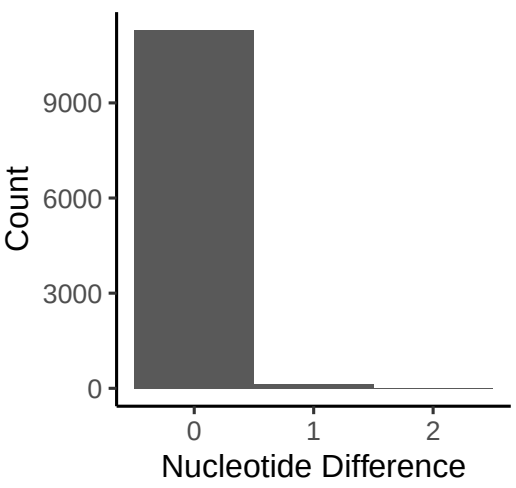
TRBV7−4*ap01

571 sequences assigned
564 (98.8%) exact matches, in which:
555 unique CDR3
13 unique J



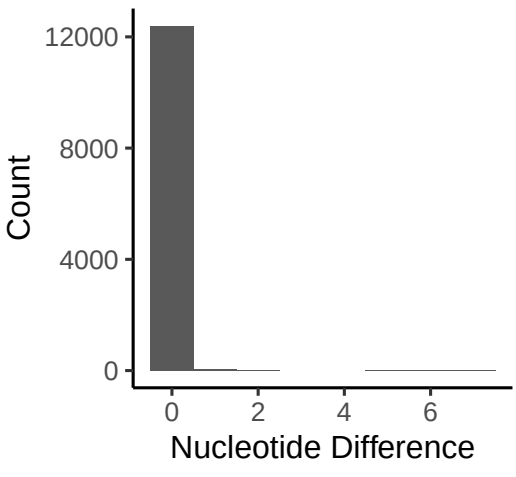
TRBV6−56*ap01

11425 sequences assigned
11297 (98.9%) exact matches, in which:
11047 unique CDR3
13 unique J



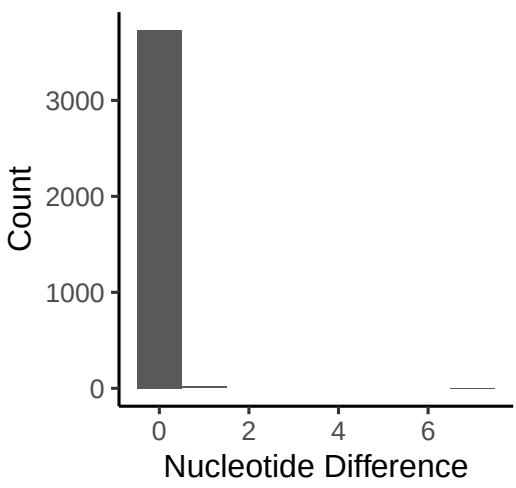
TRBV7−2*ap01

12465 sequences assigned
12398 (99.5%) exact matches, in which:
12270 unique CDR3
13 unique J



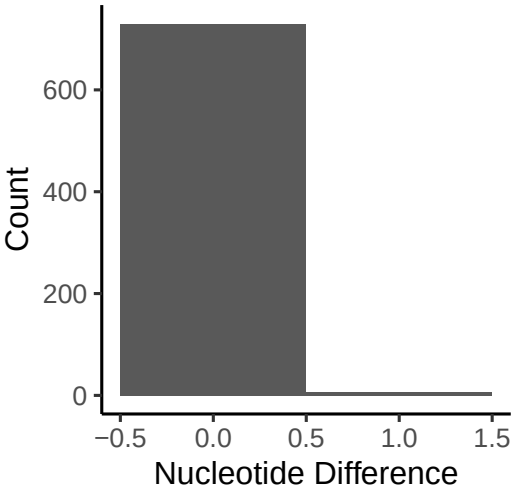
TRBV7−6*ap01

3754 sequences assigned
3733 (99.4%) exact matches, in which:
3680 unique CDR3
13 unique J



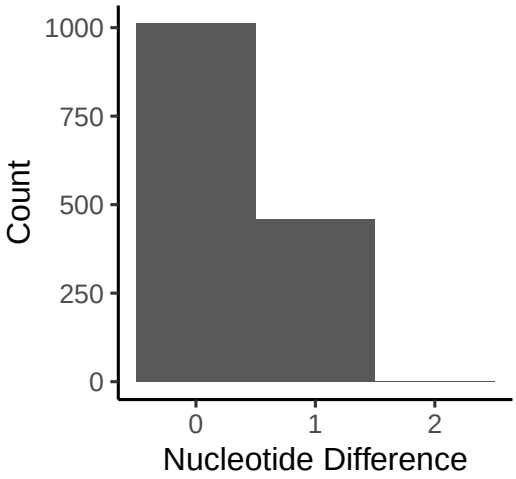
TRBV7−7*ap01

736 sequences assigned
730 (99.2%) exact matches, in which:
720 unique CDR3
13 unique J



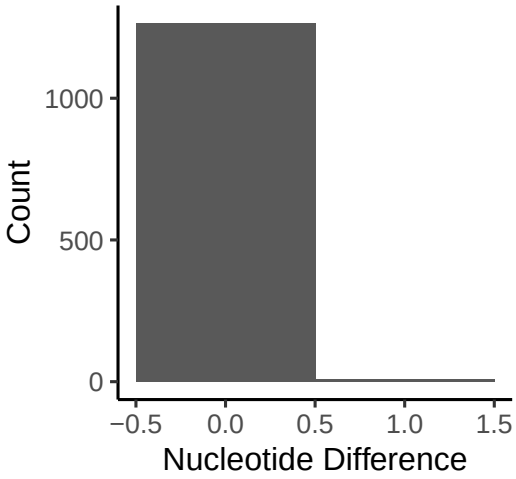
TRBV7−8*ap03

1473 sequences assigned
1012 (68.7%) exact matches, in which:
993 unique CDR3
13 unique J



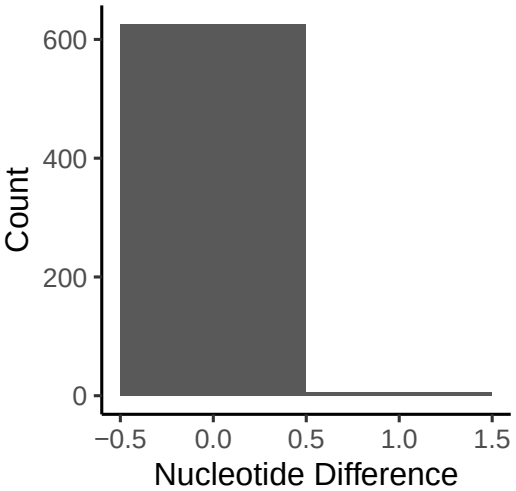
TRBV29−1*ap02

1274 sequences assigned
1264 (99.2%) exact matches, in which:
1228 unique CDR3
13 unique J



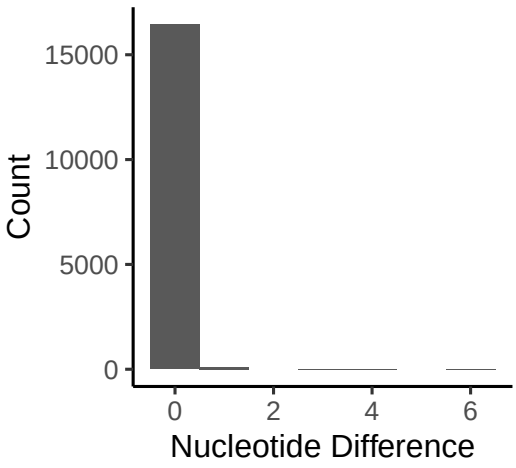
TRBV7−7*ap01_C315T

632 sequences assigned
626 (99.1%) exact matches, in which:
612 unique CDR3
13 unique J



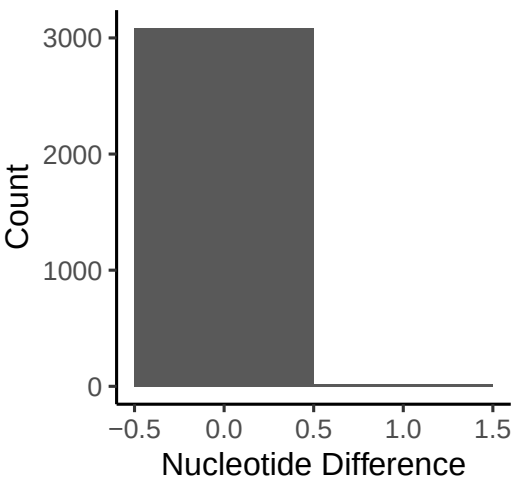
TRBV7−9*ap01

16551 sequences assigned
16444 (99.4%) exact matches, in which:
16198 unique CDR3
13 unique J



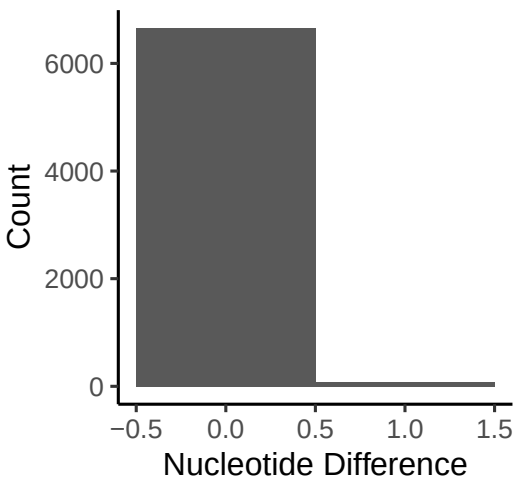
TRBV7−8*ap01

3104 sequences assigned
3085 (99.4%) exact matches, in which:
3038 unique CDR3
13 unique J

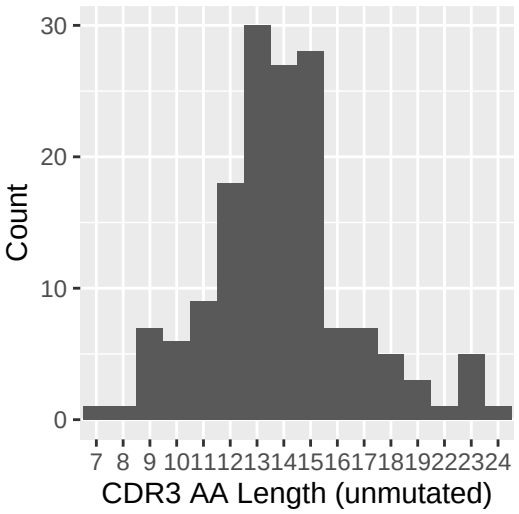


TRBV29−1*ap01

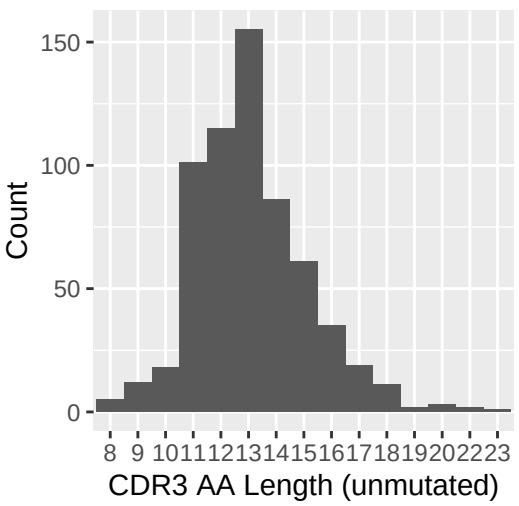
6740 sequences assigned
6657 (98.8%) exact matches, in which:
6491 unique CDR3
13 unique J

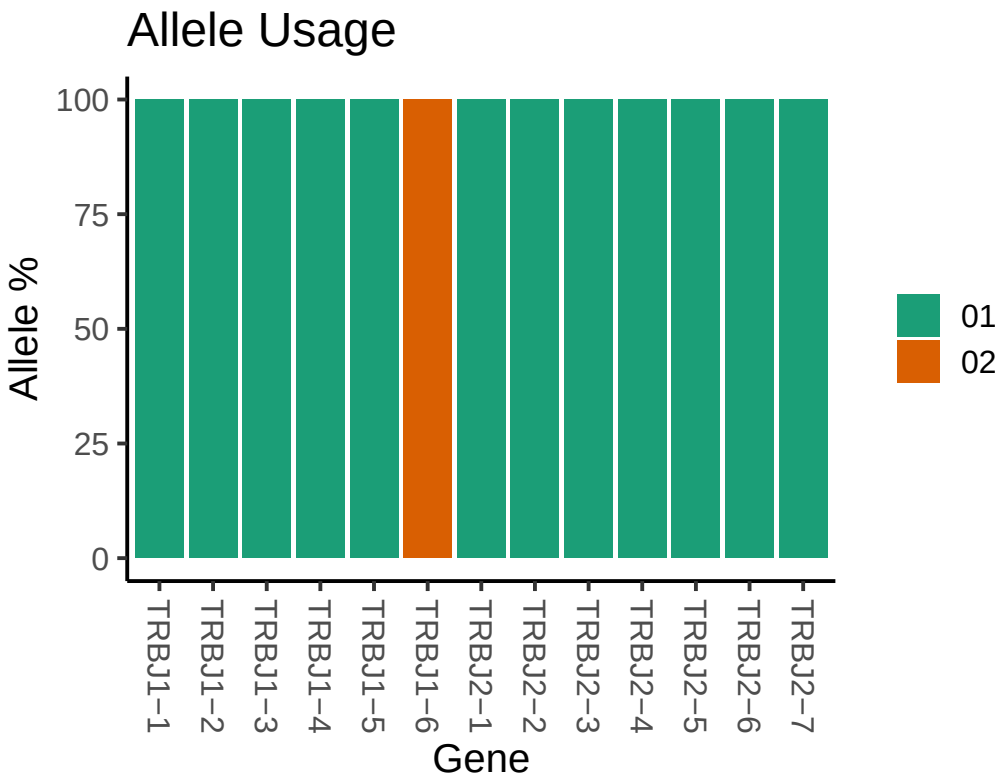


TRBV7−1*ap01_G291C_T296C



TRBV7−7*ap01_C315T




Allele Usage
Allele %
100
75
50
25
0
TRBJ1−1
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TRBJ1−5
TRBJ1−6
TRBJ2−1
TRBJ2−2
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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.