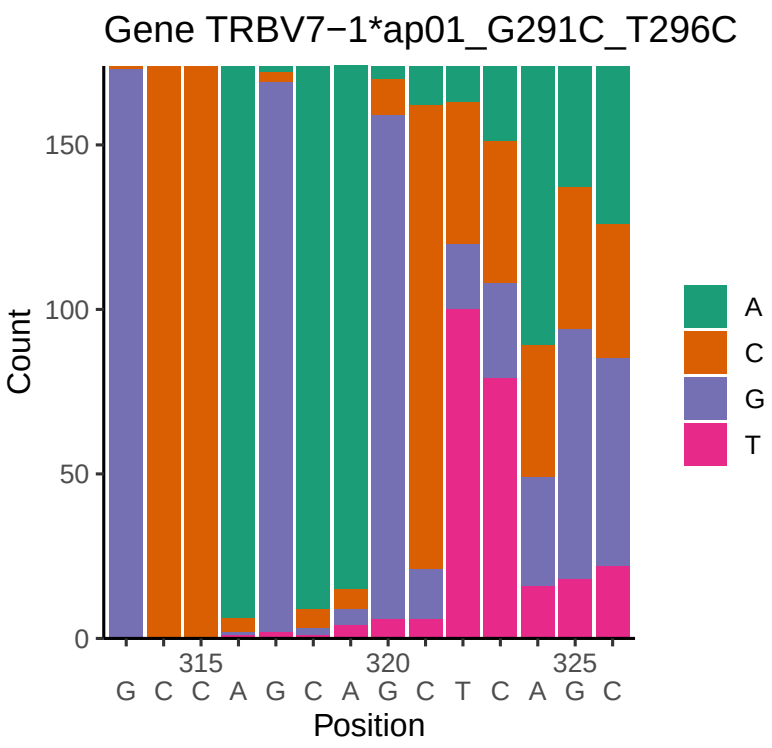
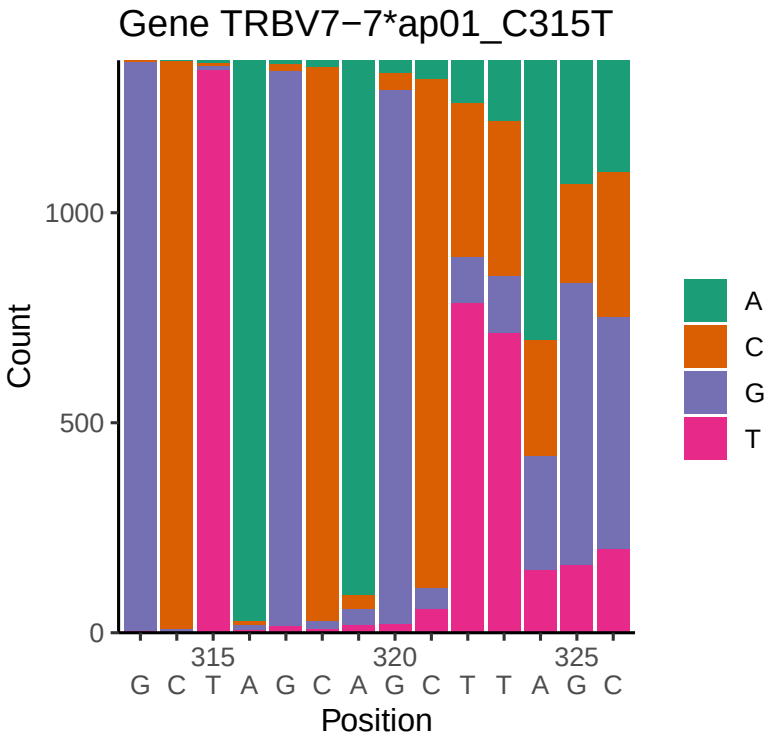
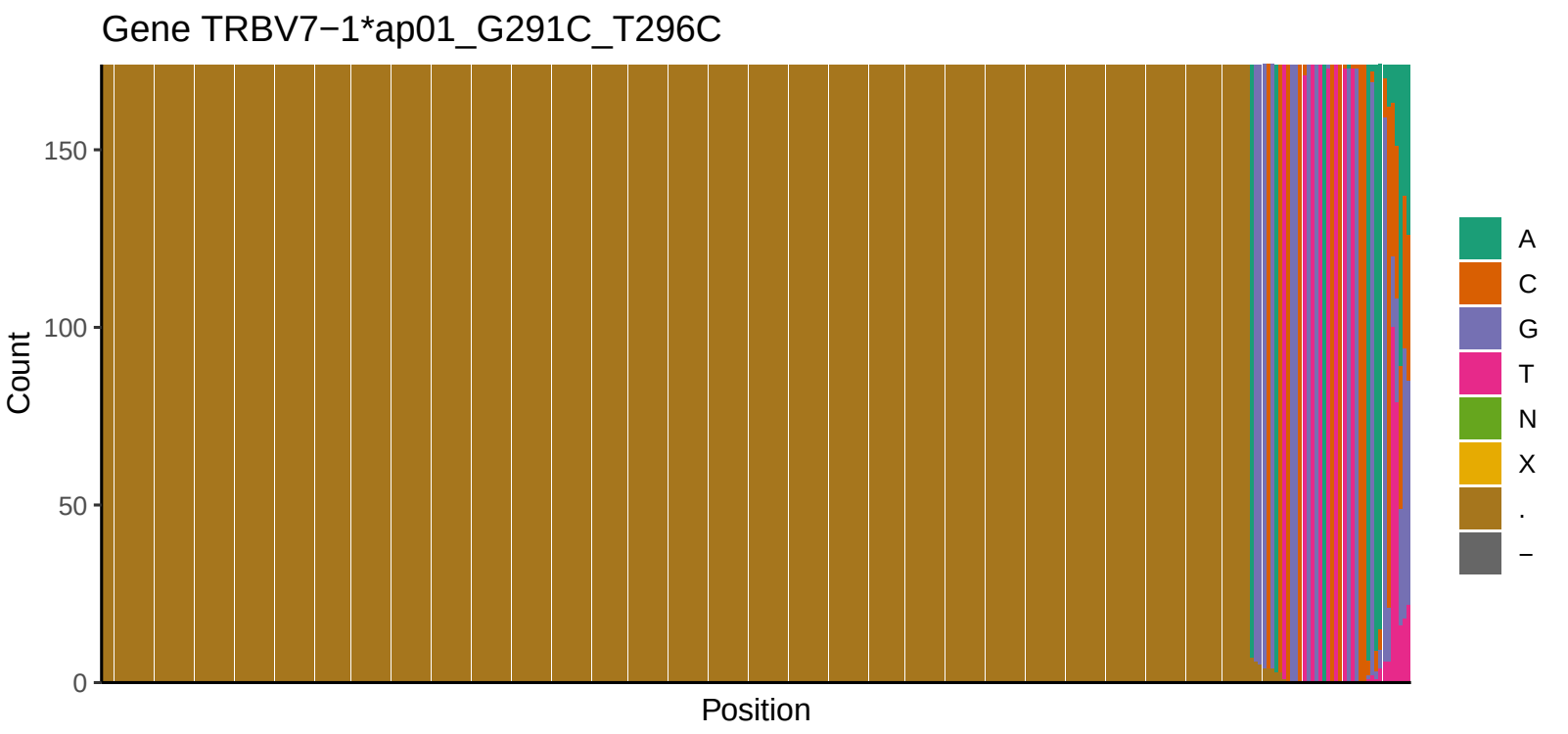
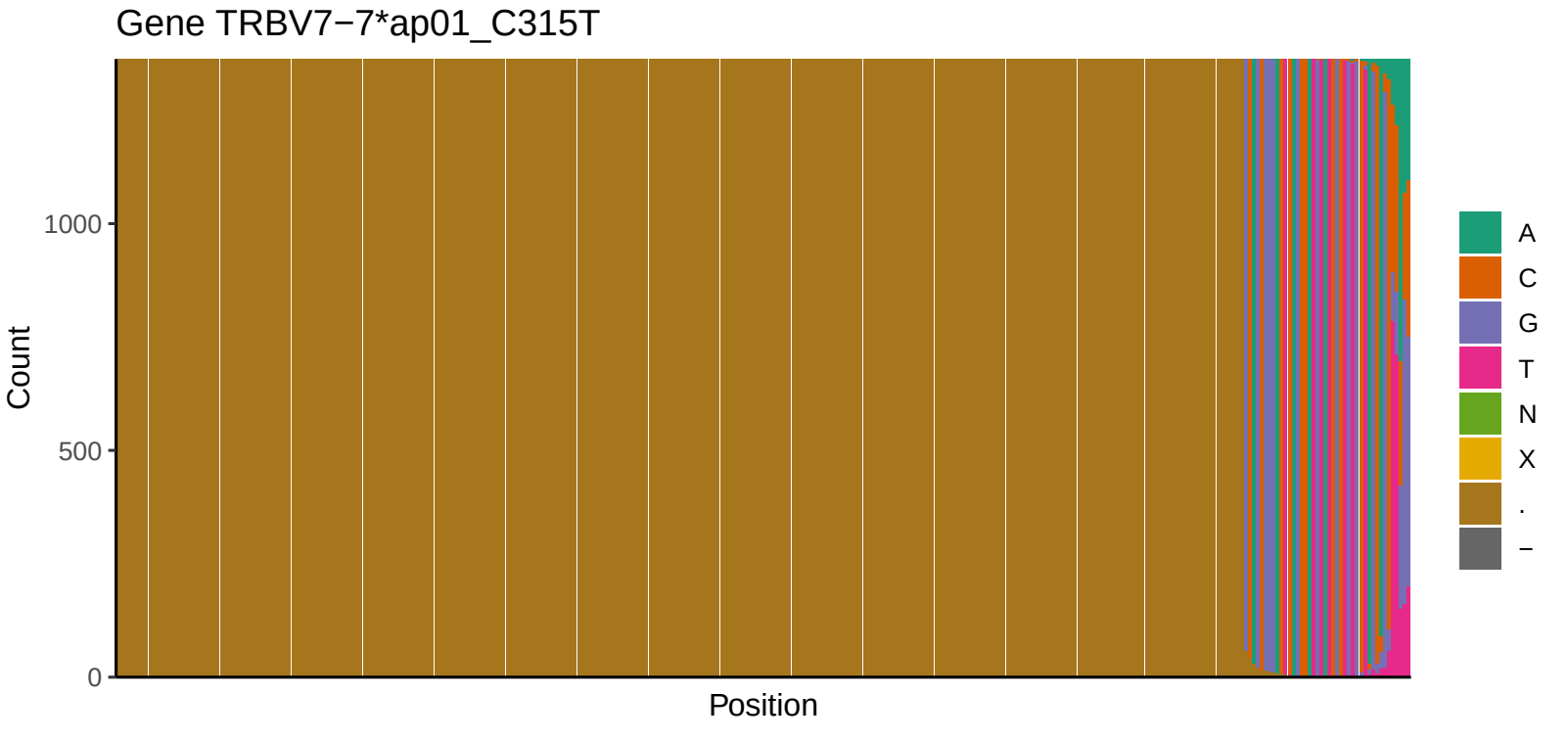
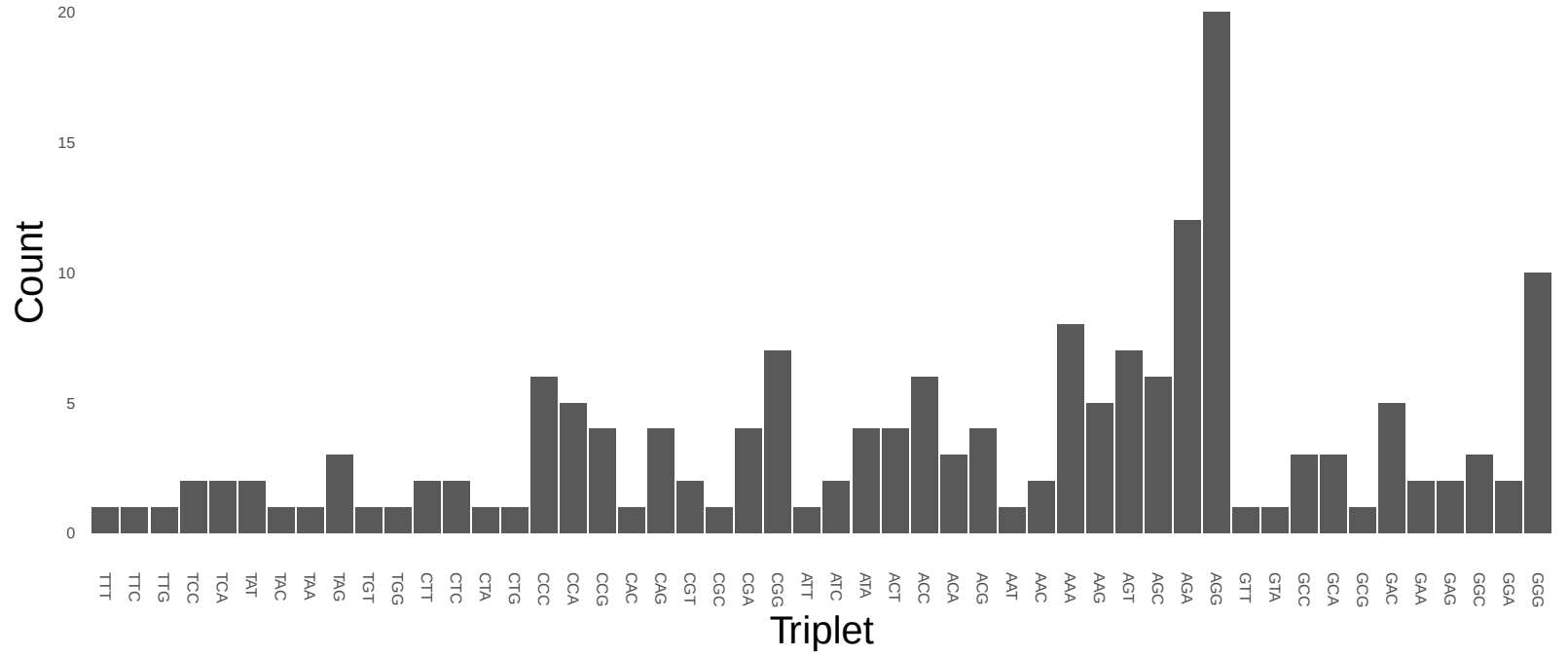

Gene TRBV7−1*ap01_G291C_T296C
Count
150
100
50
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
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

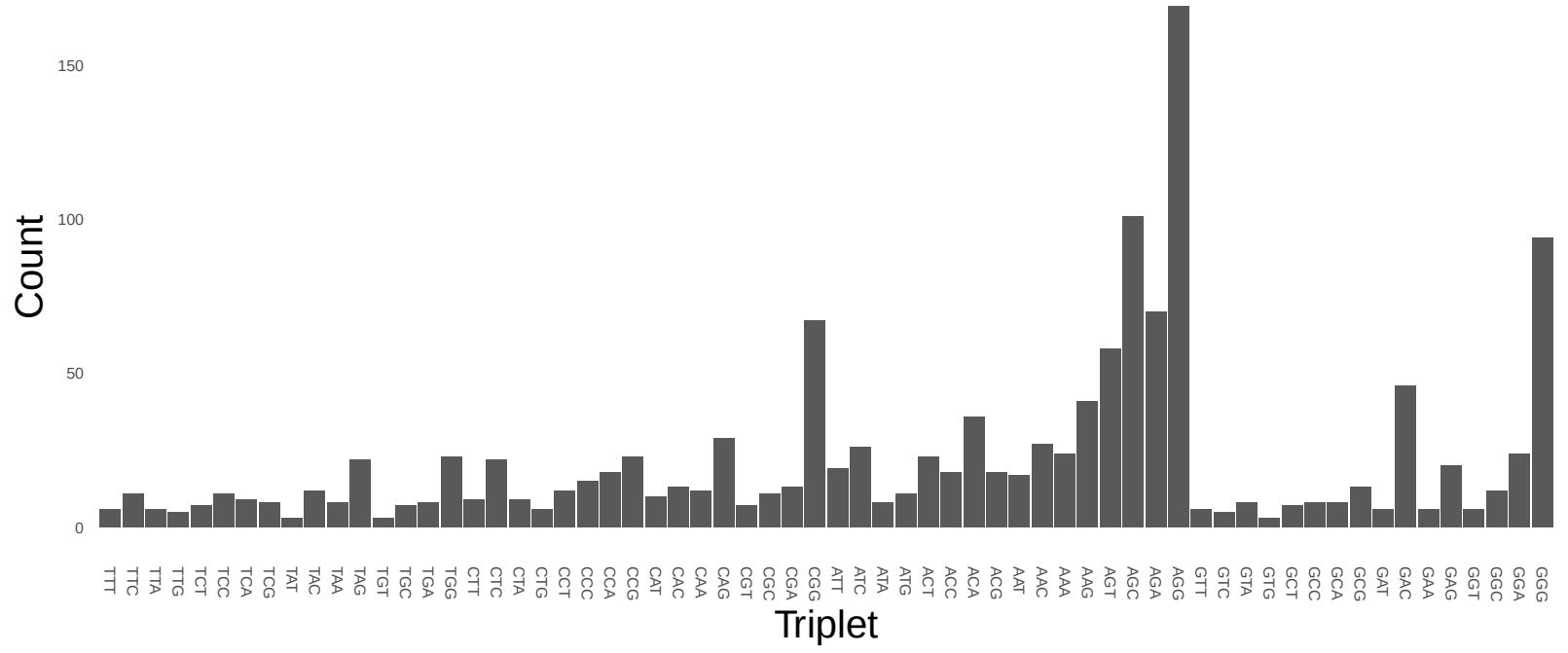

Gene TRBV7−1*ap01_G291C_T296C
150
100
50
0
Count
Position
A
C
G
T
N
X
.
–


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

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

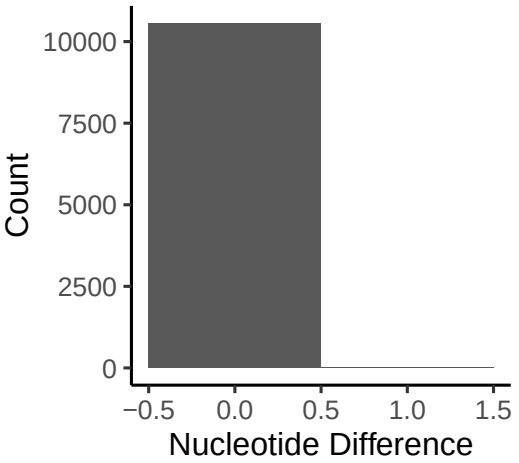


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



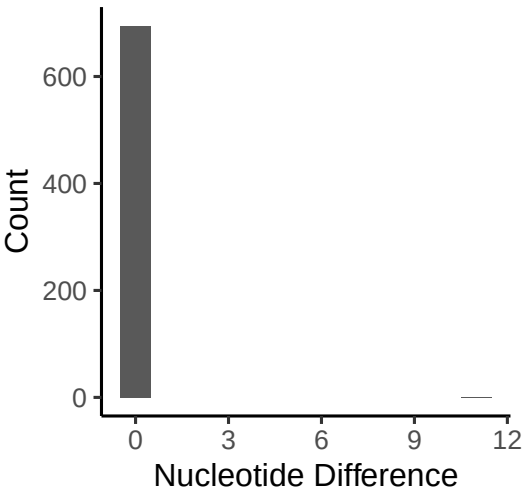
TRBV20−1*ap01

10585 sequences assigned
10565 (99.8%) exact matches, in which:
10546 unique CDR3
13 unique J



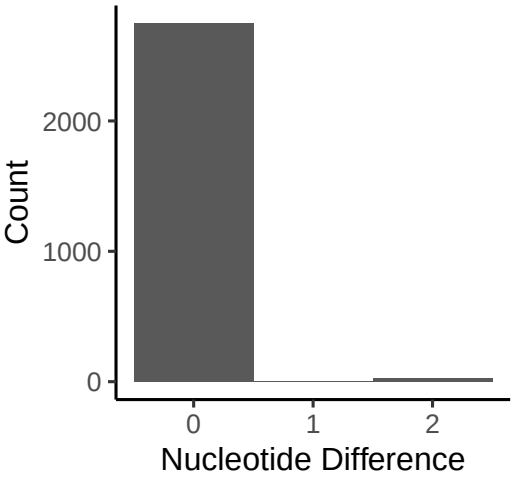
TRBV10−2*ap01

696 sequences assigned
695 (99.9%) exact matches, in which:
695 unique CDR3
13 unique J



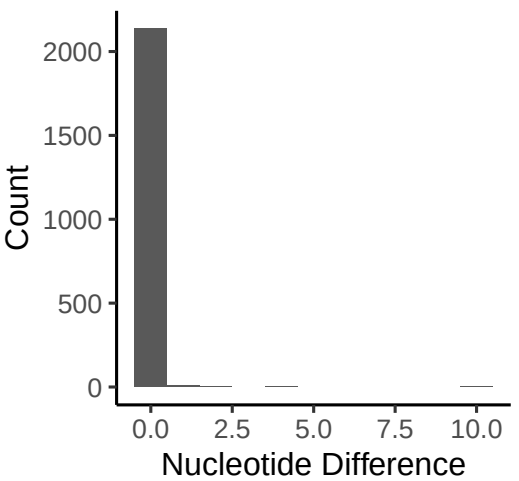
TRBV13*ap01

2782 sequences assigned
2748 (98.8%) exact matches, in which:
2747 unique CDR3
13 unique J



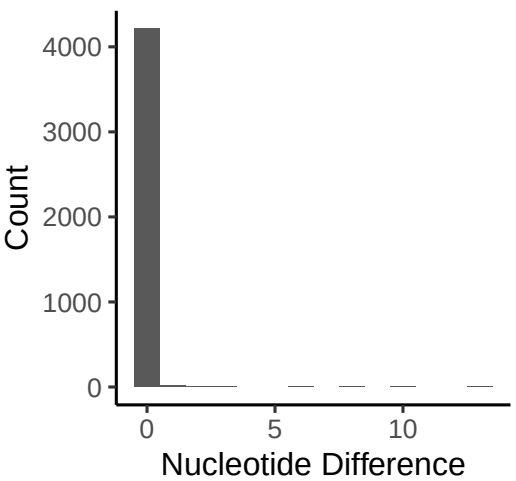
TRBV10−1*ap01

2148 sequences assigned
2136 (99.4%) exact matches, in which:
2132 unique CDR3
14 unique J



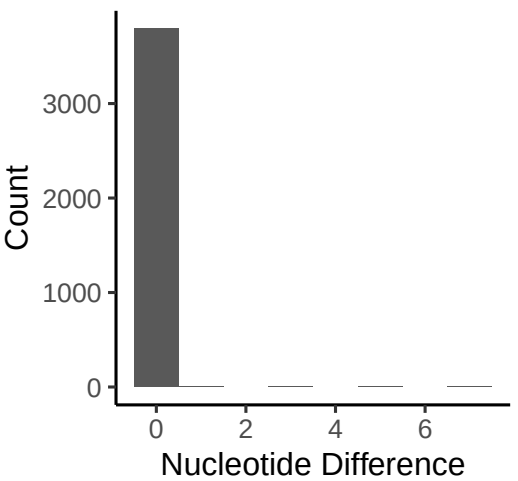
TRBV10−3*ap01

4236 sequences assigned
4213 (99.5%) exact matches, in which:
4211 unique CDR3
13 unique J



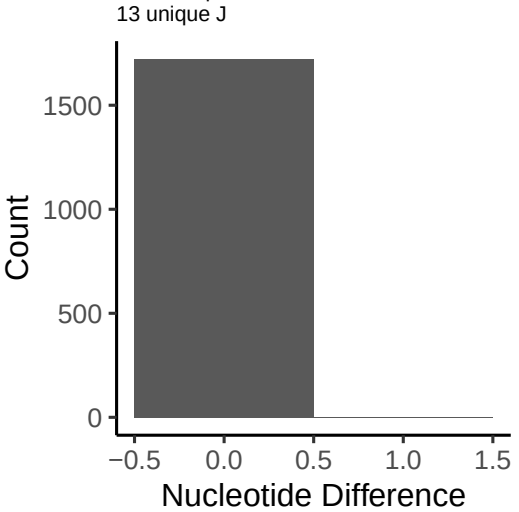
TRBV14*ap01

3799 sequences assigned
3792 (99.8%) exact matches, in which:
3789 unique CDR3
13 unique J



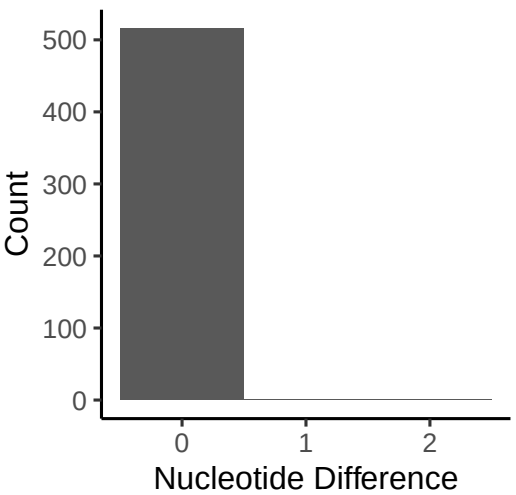
TRBV20−1*ap02

1724 sequences assigned
1722 (99.9%) exact matches, in which:
1718 unique CDR3
13 unique J



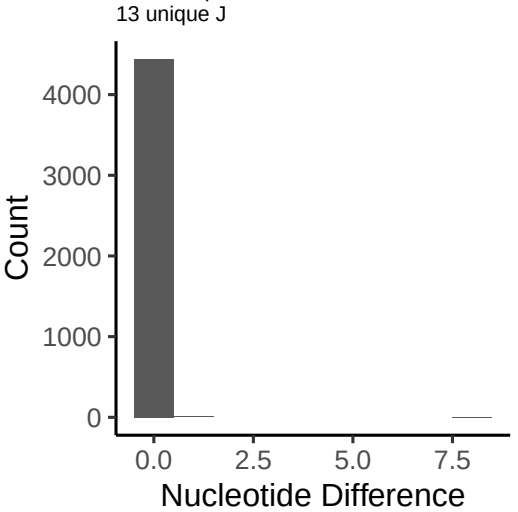
TRBV1*ap01

518 sequences assigned
516 (99.6%) exact matches, in which:
514 unique CDR3
13 unique J



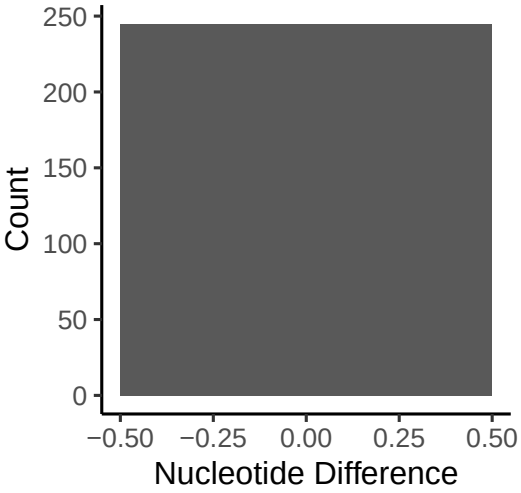
TRBV15*ap02

4453 sequences assigned
4441 (99.7%) exact matches, in which:
4436 unique CDR3
13 unique J



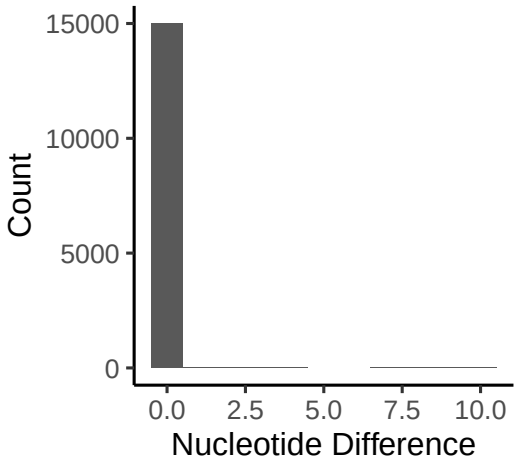
TRBV16*ap01

245 sequences assigned
245 (100%) exact matches, in which:
245 unique CDR3
13 unique J



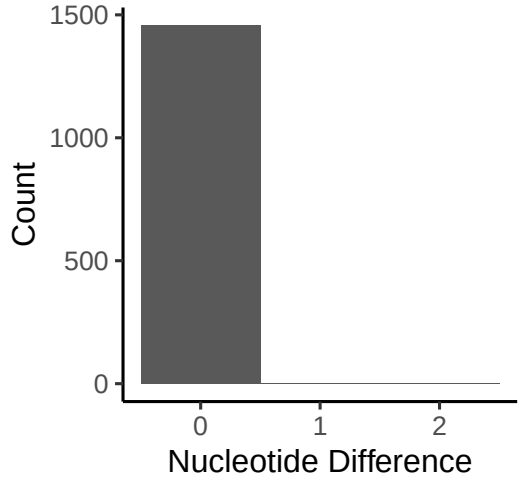
TRBV19*ap01

15058 sequences assigned
15015 (99.7%) exact matches, in which:
15014 unique CDR3
13 unique J



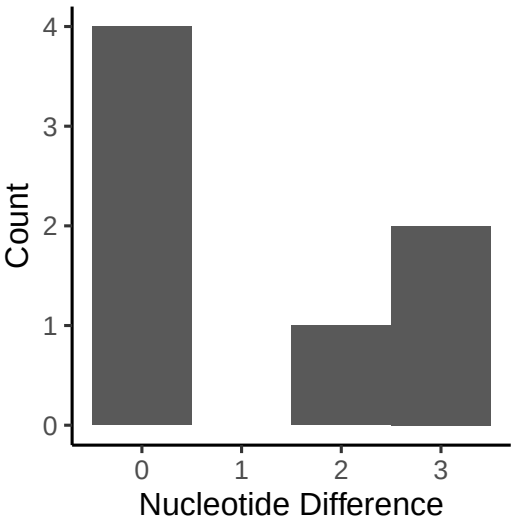
TRBV28*ap01

1461 sequences assigned
1457 (99.7%) exact matches, in which:
1457 unique CDR3
13 unique J



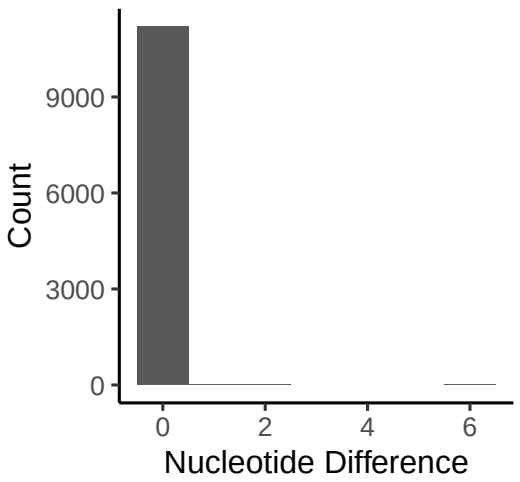
TRBV17*ap01

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
2 unique J



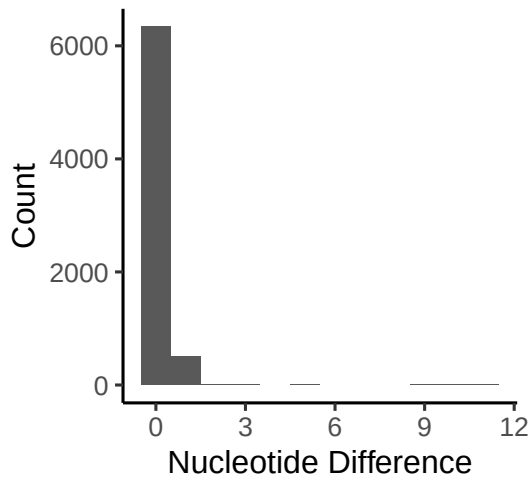
TRBV2*ap01

11224 sequences assigned
11195 (99.7%) exact matches, in which:
11155 unique CDR3
13 unique J



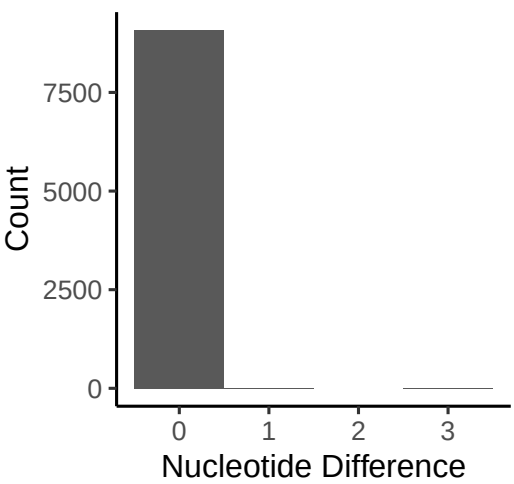
TRBV30*ap01

6847 sequences assigned
6338 (92.6%) exact matches, in which:
6323 unique CDR3
13 unique J



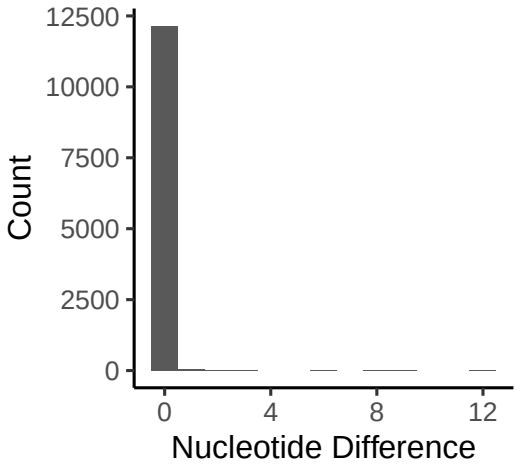
TRBV18*ap01

9090 sequences assigned
9081 (99.9%) exact matches, in which:
9078 unique CDR3
14 unique J



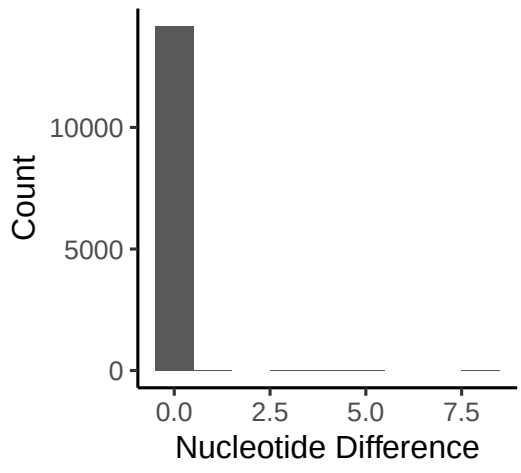
TRBV27*ap01

12213 sequences assigned
12152 (99.5%) exact matches, in which:
12104 unique CDR3
13 unique J



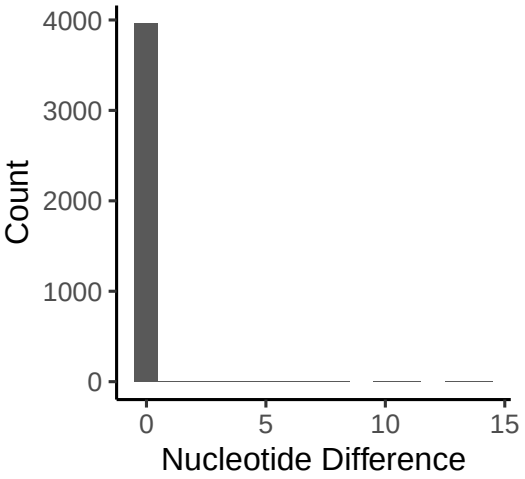
TRBV9*ap01

14215 sequences assigned
14180 (99.8%) exact matches, in which:
14171 unique CDR3
13 unique J



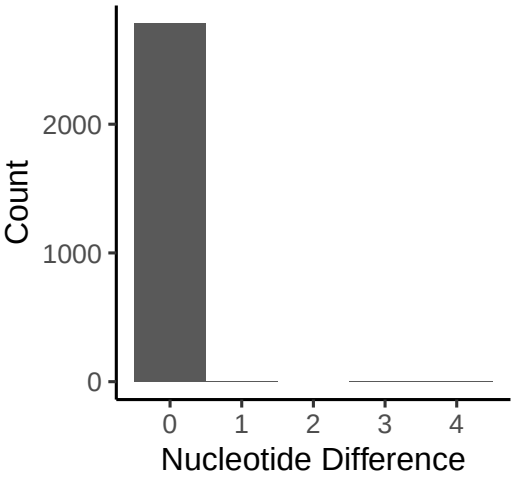
TRBV21−1*ap01

3988 sequences assigned
3962 (99.3%) exact matches, in which:
3962 unique CDR3
13 unique J



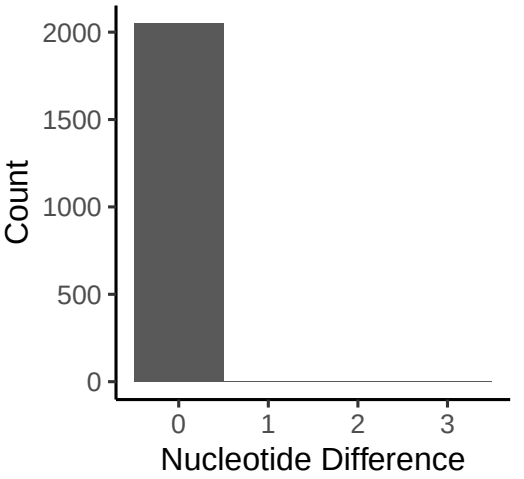
TRBV11−3*ap01

2791 sequences assigned
2783 (99.7%) exact matches, in which:
2783 unique CDR3
13 unique J



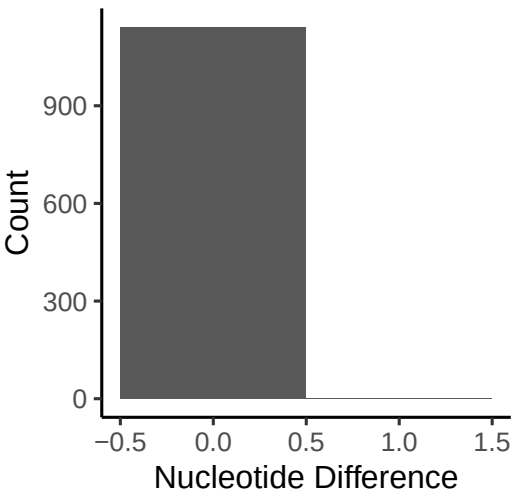
TRBV12−5*ap01

2057 sequences assigned
2050 (99.7%) exact matches, in which:
2049 unique CDR3
13 unique J



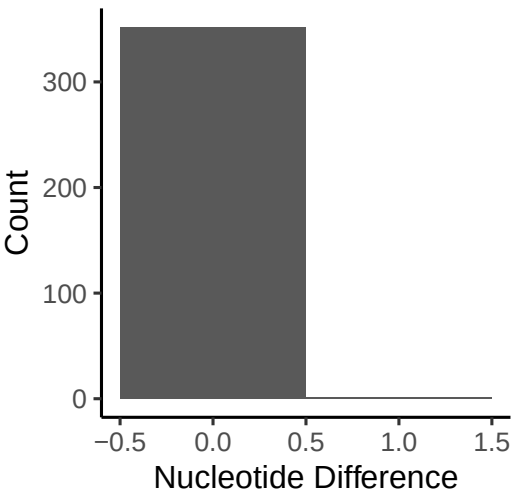
TRBV11−1*ap01

1143 sequences assigned
1142 (99.9%) exact matches, in which:
1142 unique CDR3
13 unique J



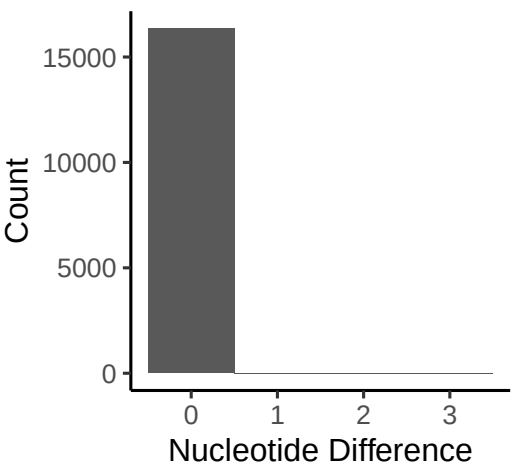
TRBV12−1*ap01

353 sequences assigned
352 (99.7%) exact matches, in which:
352 unique CDR3
13 unique J



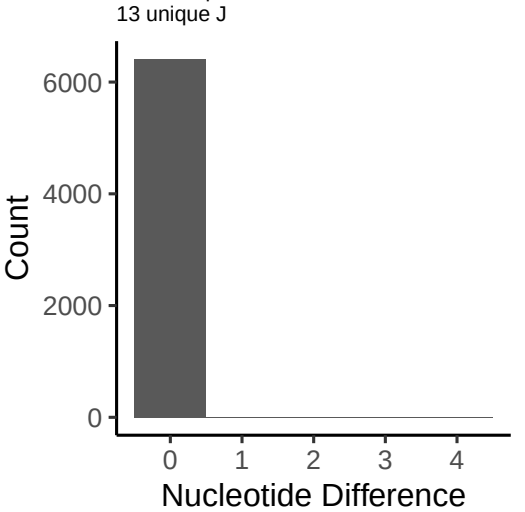
TRBV12−34*ap01

16375 sequences assigned
16354 (99.9%) exact matches, in which:
16343 unique CDR3
13 unique J



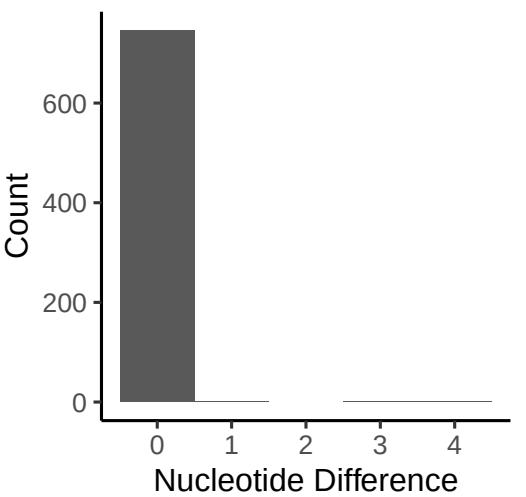
TRBV11−2*ap01

6424 sequences assigned
6412 (99.8%) exact matches, in which:
6411 unique CDR3
13 unique J



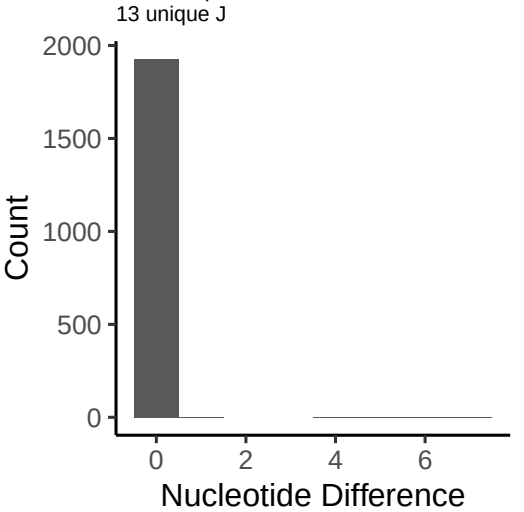
TRBV12−2*ap01

750 sequences assigned
746 (99.5%) exact matches, in which:
746 unique CDR3
13 unique J



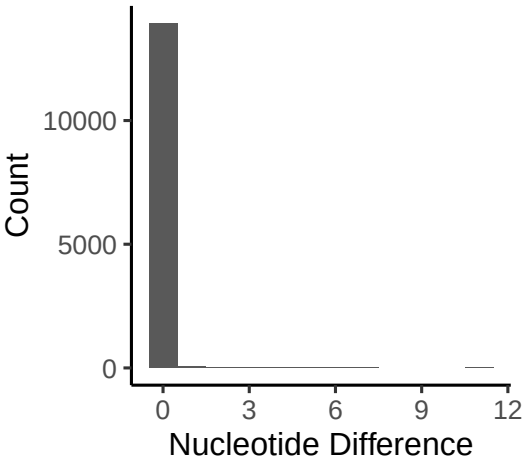
TRBV23−1*ap01

1934 sequences assigned
1927 (99.6%) exact matches, in which:
1927 unique CDR3
13 unique J



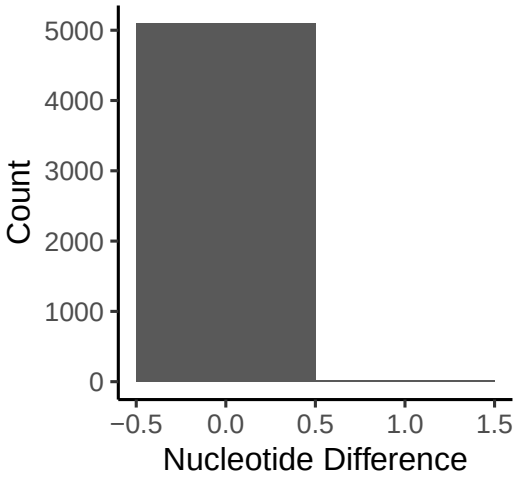
TRBV3−12*ap01

13991 sequences assigned
13937 (99.6%) exact matches, in which:
13900 unique CDR3
13 unique J



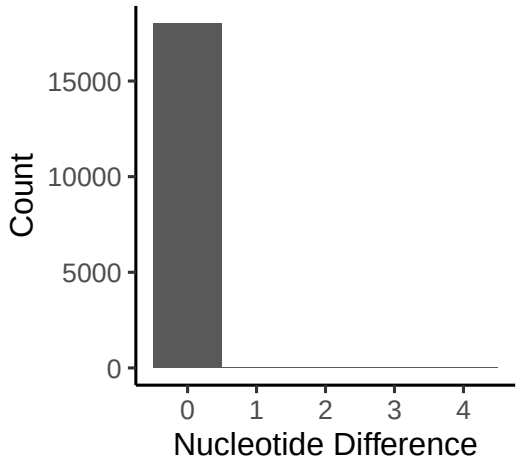
TRBV4−2*ap01

5124 sequences assigned
5097 (99.5%) exact matches, in which:
5090 unique CDR3
13 unique J



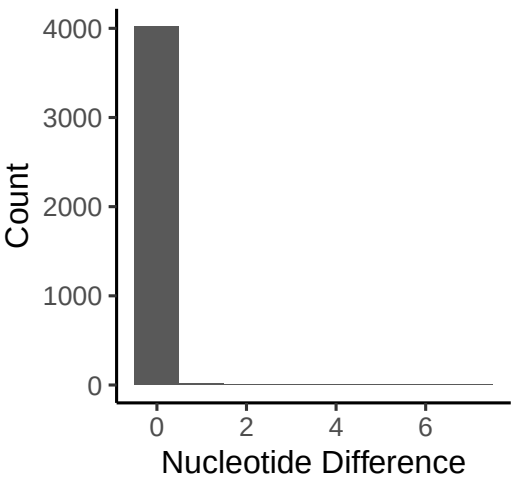
TRBV5−1*ap01

18073 sequences assigned
18025 (99.7%) exact matches, in which:
17980 unique CDR3
13 unique J



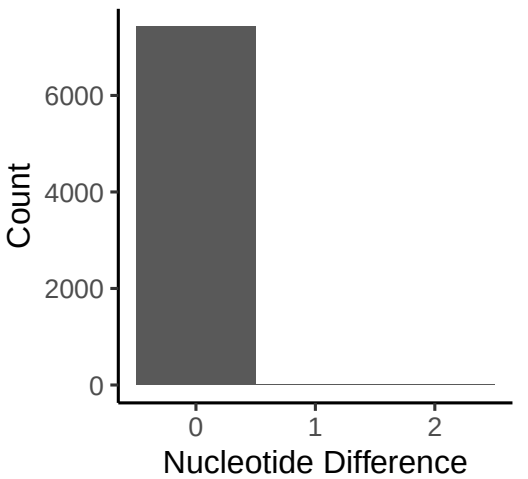
TRBV24−1*ap01

4046 sequences assigned
4018 (99.3%) exact matches, in which:
4005 unique CDR3
13 unique J



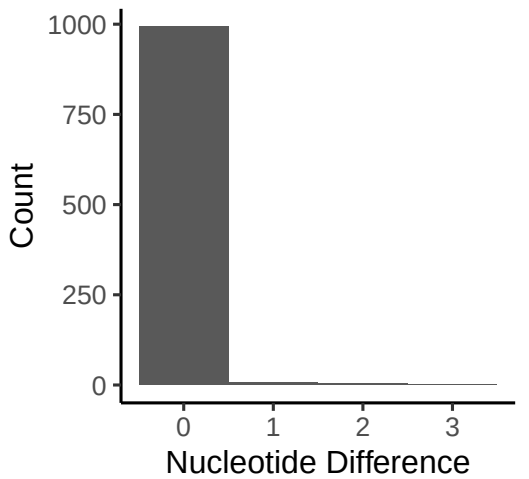
TRBV4−3*ap01

7440 sequences assigned
7424 (99.8%) exact matches, in which:
7412 unique CDR3
13 unique J



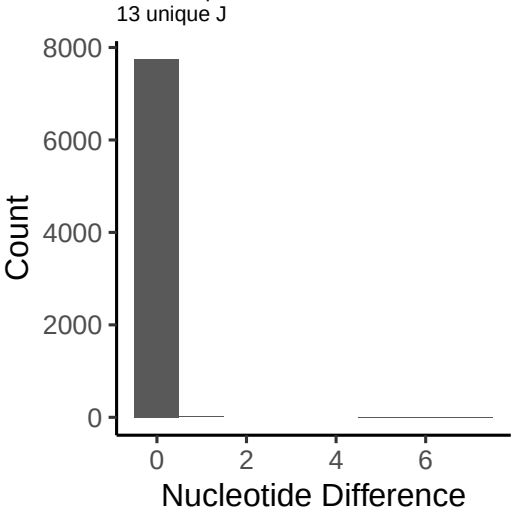
TRBV5−3*ap01

1006 sequences assigned
993 (98.7%) exact matches, in which:
993 unique CDR3
13 unique J



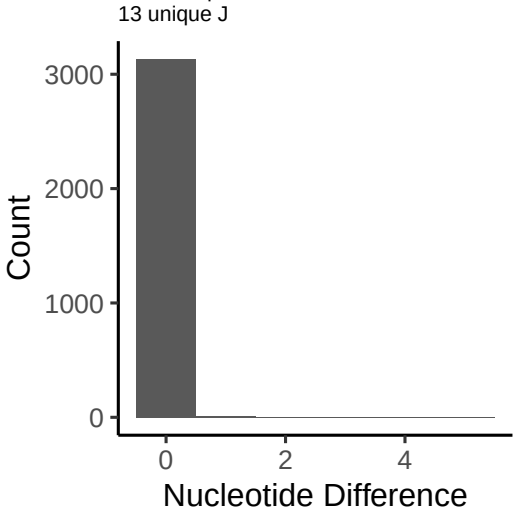
TRBV4−1*ap01

7772 sequences assigned
7750 (99.7%) exact matches, in which:
7742 unique CDR3
13 unique J



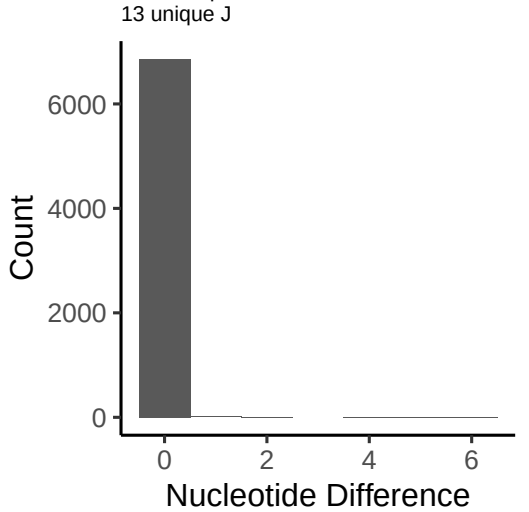
TRBV25−1*ap01

3151 sequences assigned
3133 (99.4%) exact matches, in which:
3124 unique CDR3
13 unique J



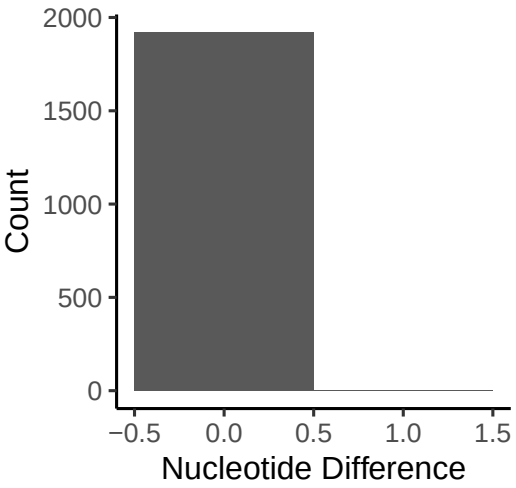
TRBV5−4*ap01

6876 sequences assigned
6859 (99.8%) exact matches, in which:
6853 unique CDR3
13 unique J



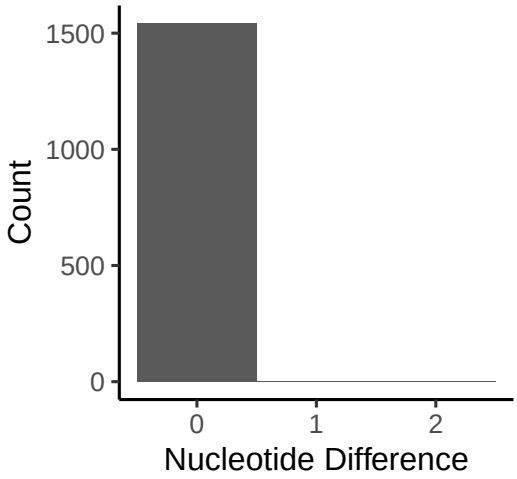
TRBV5−5*ap01

1925 sequences assigned
1920 (99.7%) exact matches, in which:
1920 unique CDR3
13 unique J



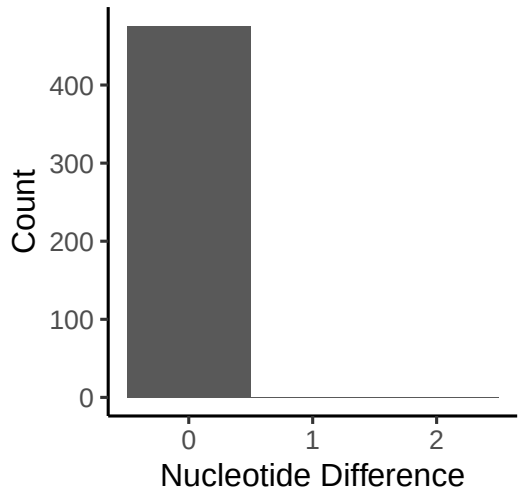
TRBV5−8*ap01

1547 sequences assigned
1542 (99.7%) exact matches, in which:
1541 unique CDR3
13 unique J



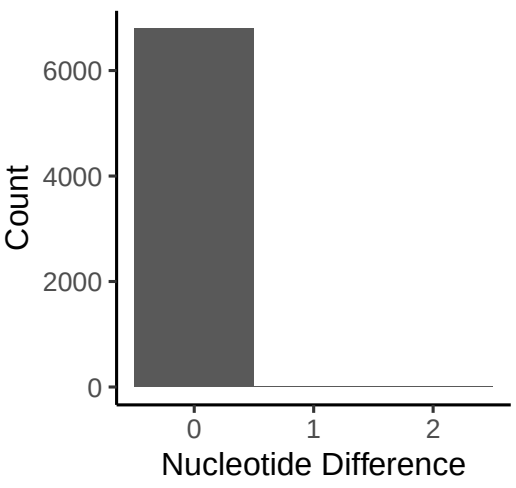
TRBV6−7*ap01

478 sequences assigned
476 (99.6%) exact matches, in which:
476 unique CDR3
13 unique J



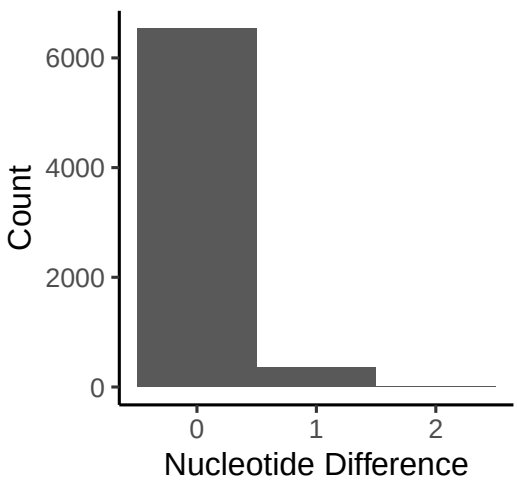
TRBV5−6*ap01

6804 sequences assigned
6793 (99.8%) exact matches, in which:
6774 unique CDR3
13 unique J



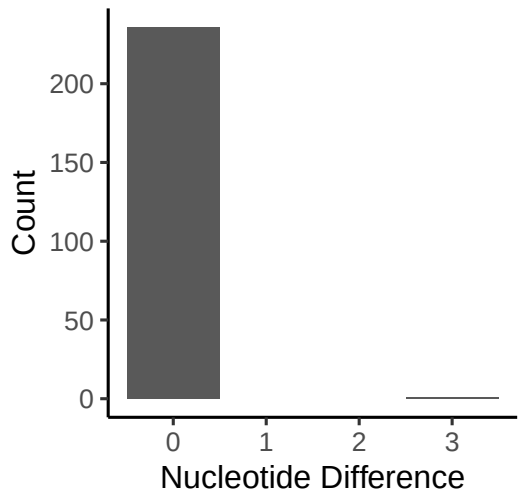
TRBV6−1*ap01

6883 sequences assigned
6532 (94.9%) exact matches, in which:
6521 unique CDR3
13 unique J



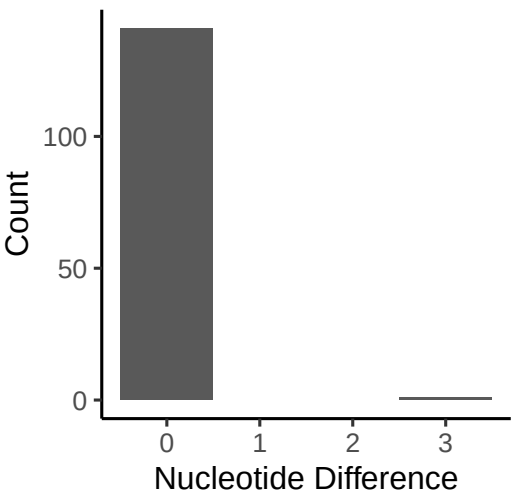
TRBV6−8*ap01

237 sequences assigned
236 (99.6%) exact matches, in which:
236 unique CDR3
13 unique J



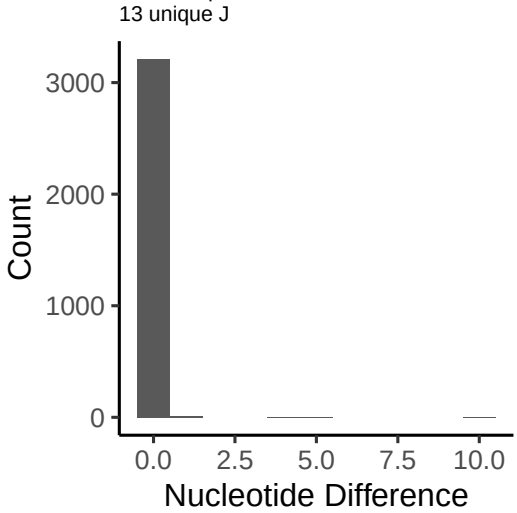
TRBV5−7*ap01

142 sequences assigned
141 (99.3%) exact matches, in which:
139 unique CDR3
12 unique J



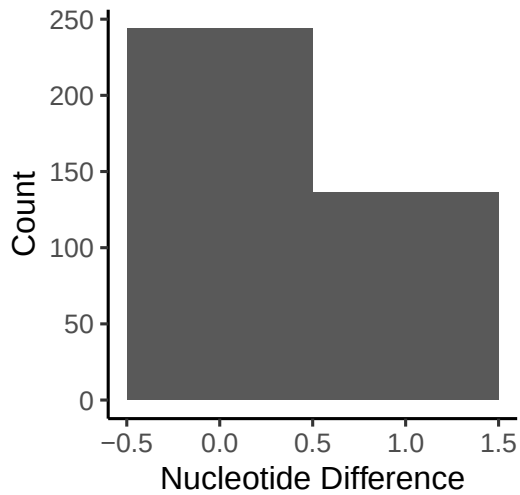
TRBV6−4*ap01

3227 sequences assigned
3211 (99.5%) exact matches, in which:
3210 unique CDR3
13 unique J



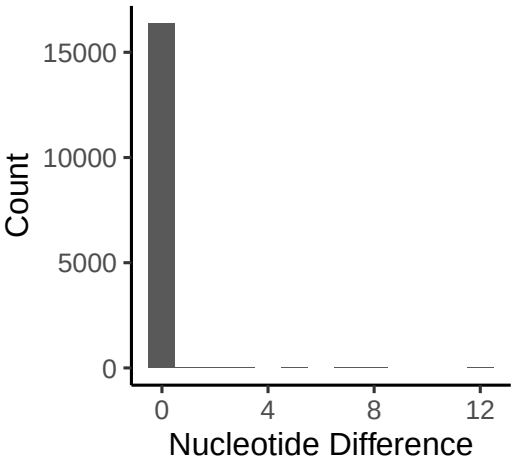
TRBV6−9*ap01

380 sequences assigned
244 (64.2%) exact matches, in which:
243 unique CDR3
13 unique J



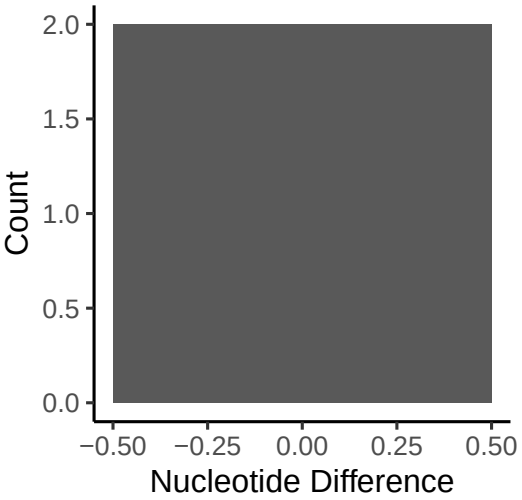
TRBV6−23*ap01

16434 sequences assigned
16386 (99.7%) exact matches, in which:
16333 unique CDR3
13 unique J



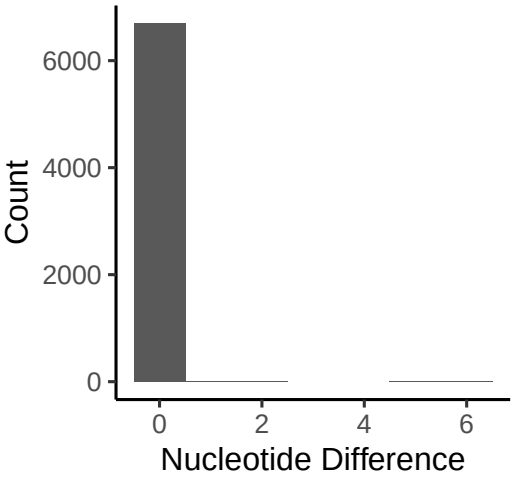
TRBV7−1*ap01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
2 unique J



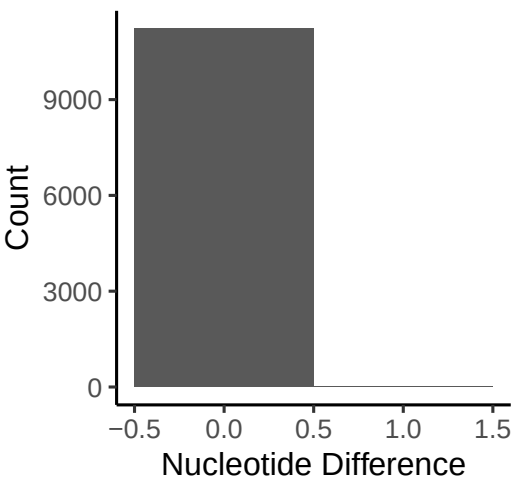
TRBV7−3*ap01

6709 sequences assigned
6696 (99.8%) exact matches, in which:
6691 unique CDR3
13 unique J



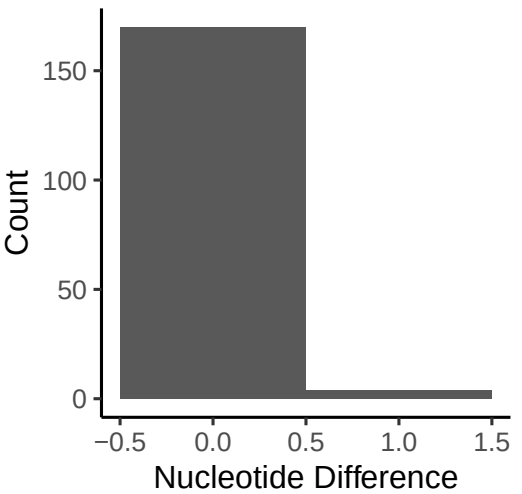
TRBV6−56*ap01

11240 sequences assigned
11220 (99.8%) exact matches, in which:
11197 unique CDR3
13 unique J



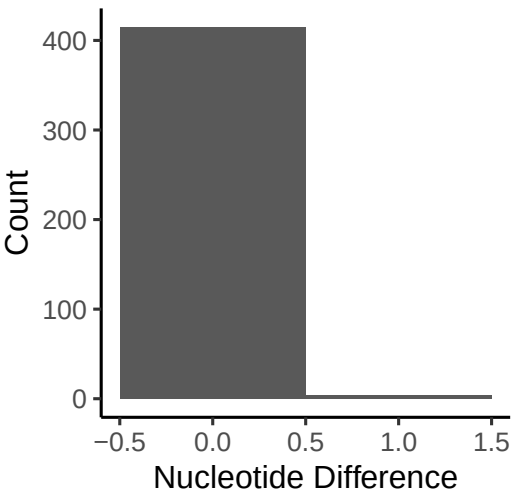
TRBV7−1*ap01_G291C_

174 sequences assigned
170 (97.7%) exact matches, in which:
170 unique CDR3
13 unique J



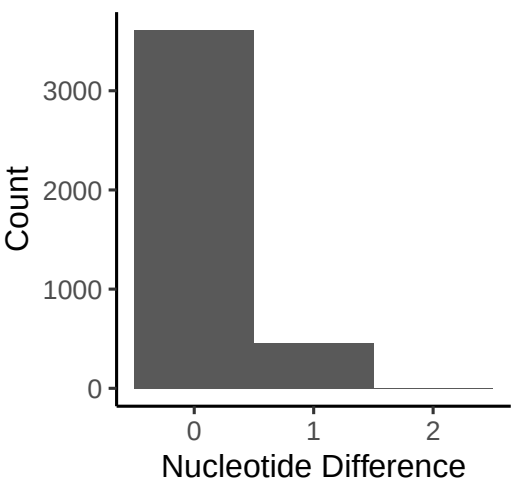
TRBV7−4*ap01

419 sequences assigned
415 (99%) exact matches, in which:
415 unique CDR3
13 unique J



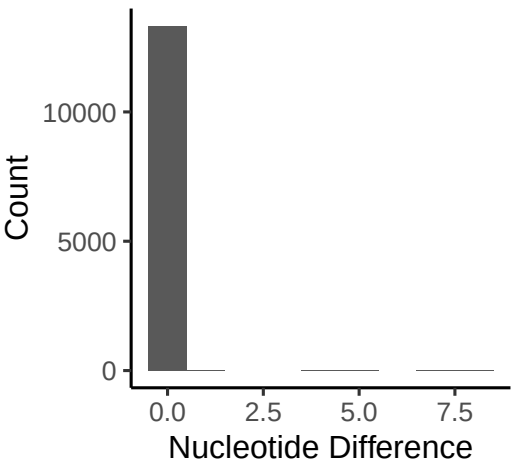
TRBV6−56*ap02

4070 sequences assigned
3612 (88.7%) exact matches, in which:
3601 unique CDR3
14 unique J



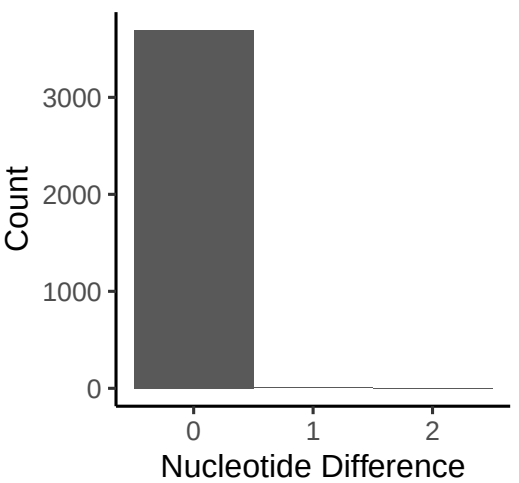
TRBV7−2*ap01

13358 sequences assigned
13330 (99.8%) exact matches, in which:
13327 unique CDR3
13 unique J



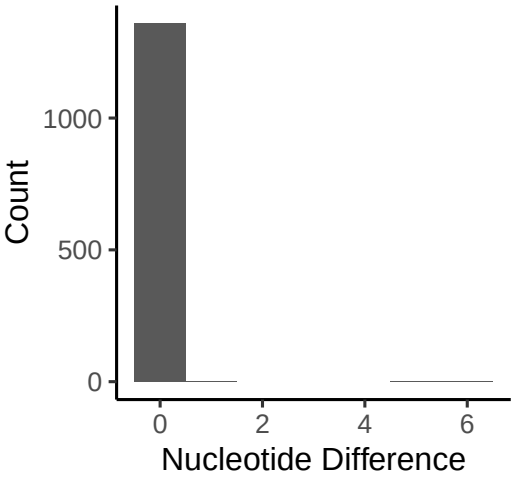
TRBV7−6*ap01

3703 sequences assigned
3694 (99.8%) exact matches, in which:
3689 unique CDR3
13 unique J



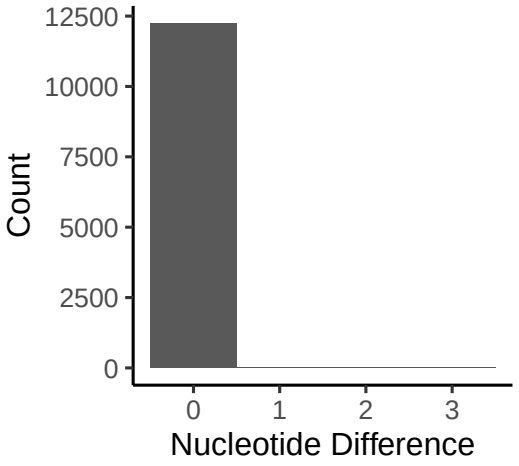
TRBV7−7*ap01_C315T

1363 sequences assigned
1359 (99.7%) exact matches, in which:
1357 unique CDR3
13 unique J



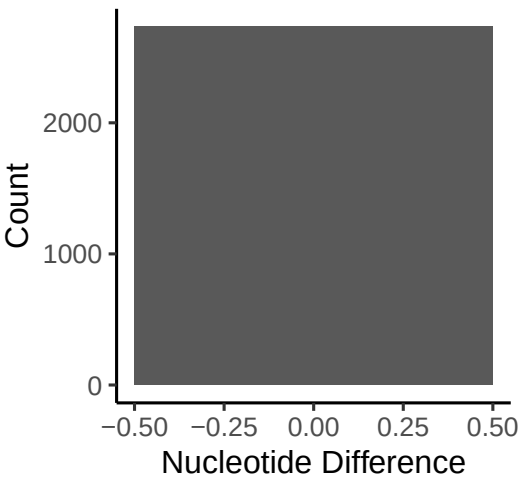
TRBV7−9*ap01

12267 sequences assigned
12249 (99.9%) exact matches, in which:
12243 unique CDR3
13 unique J



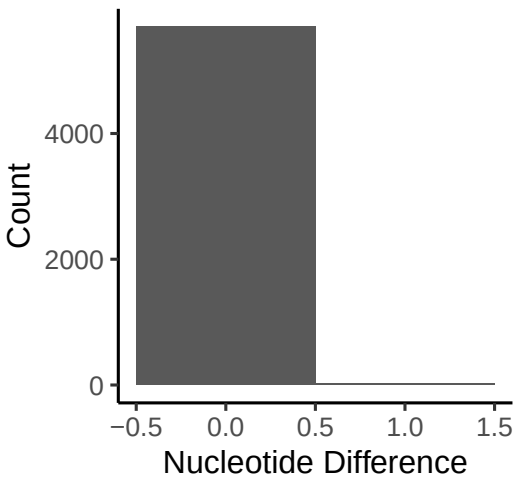
TRBV7−8*ap01

2733 sequences assigned
2733 (100%) exact matches, in which:
2732 unique CDR3
13 unique J



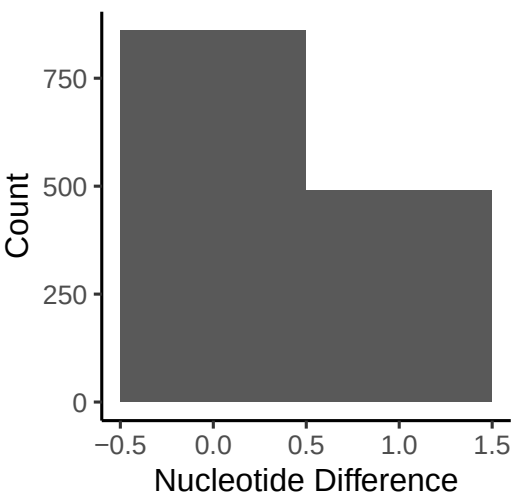
TRBV29−1*ap01

5721 sequences assigned
5698 (99.6%) exact matches, in which:
5682 unique CDR3
13 unique J



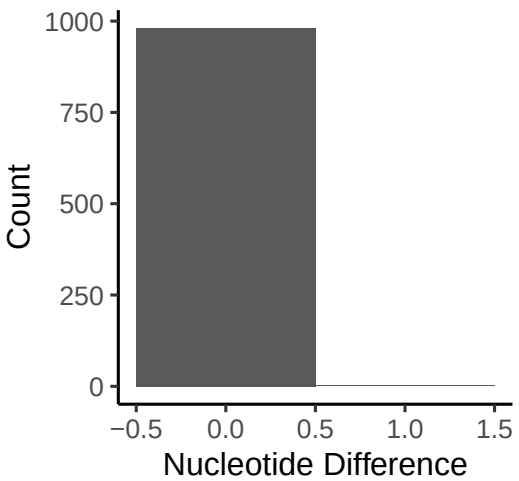
TRBV7−8*ap03

1351 sequences assigned
861 (63.7%) exact matches, in which:
860 unique CDR3
13 unique J

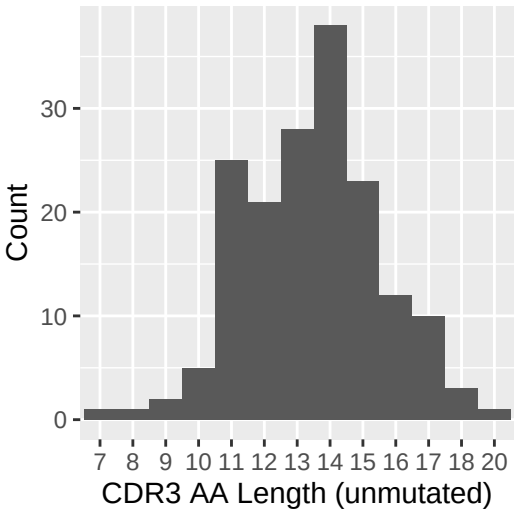


TRBV29−1*ap02

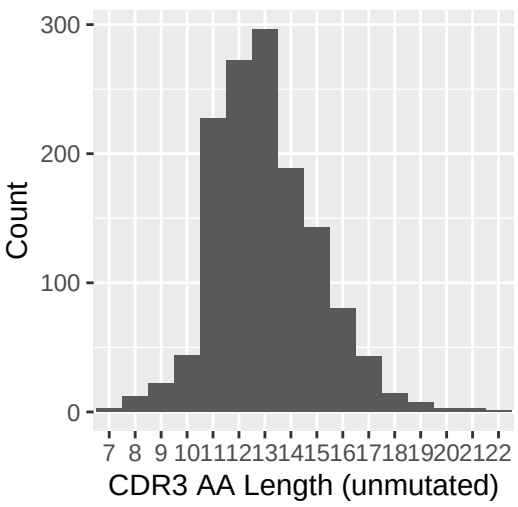
983 sequences assigned
981 (99.8%) exact matches, in which:
980 unique CDR3
13 unique J



TRBV7−1*ap01_G291C_T296C



TRBV7−7*ap01_C315T



Allele Usage
Allele %
100
75
50
25
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TRBJ1−1
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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.