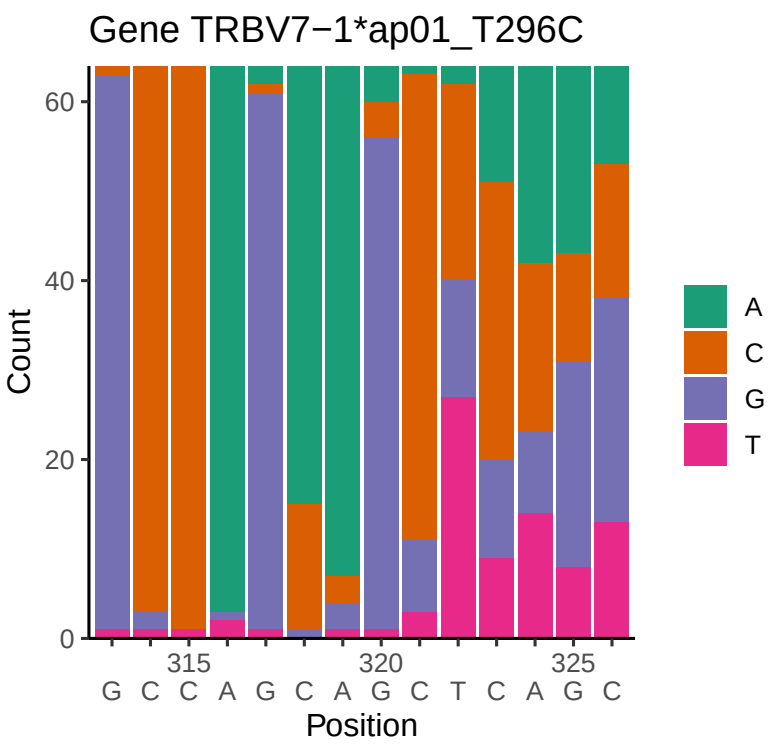
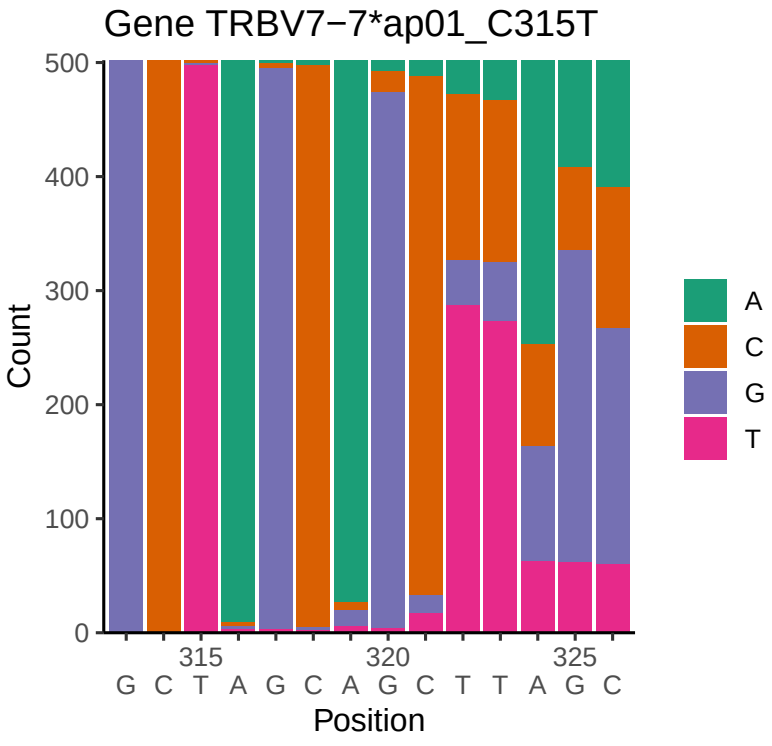
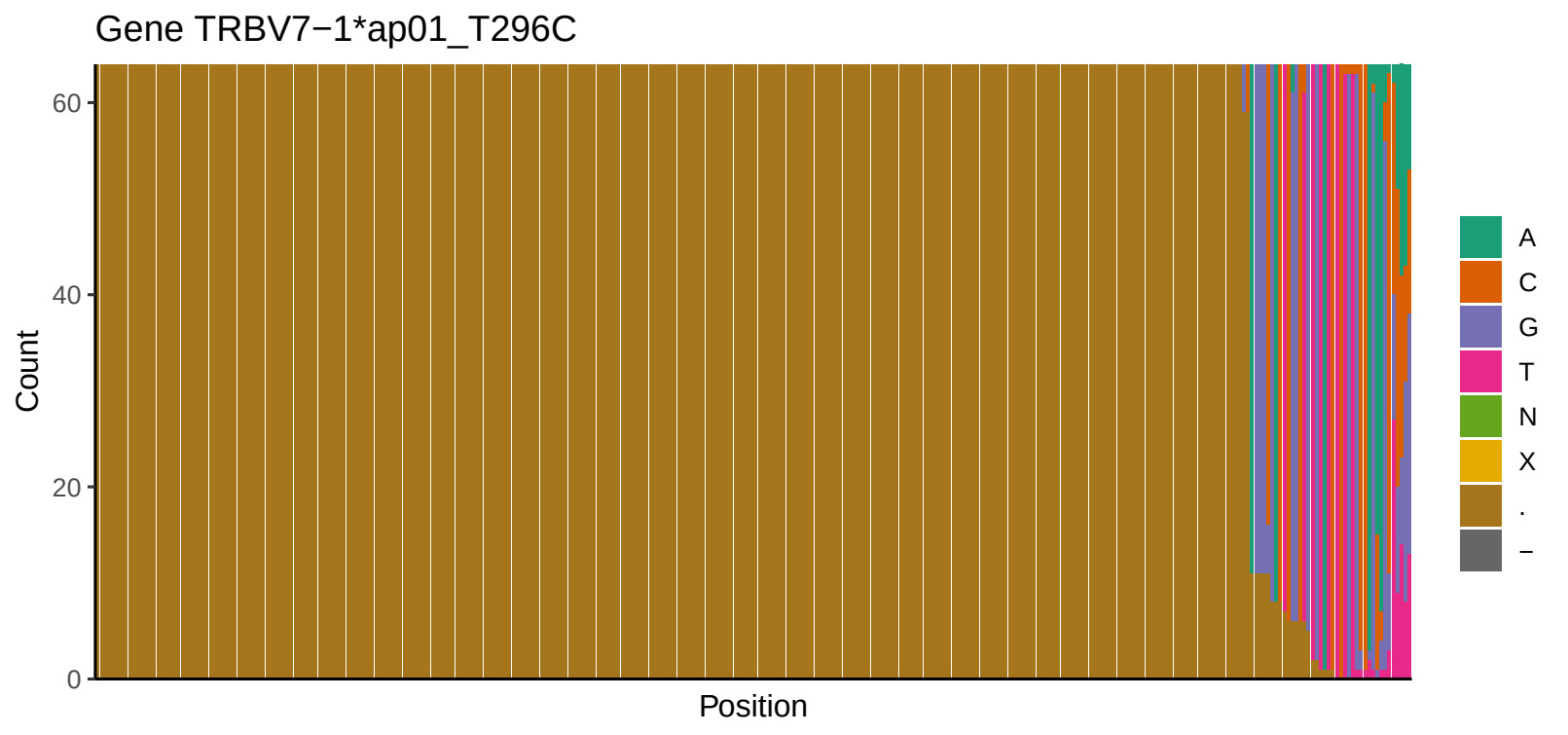
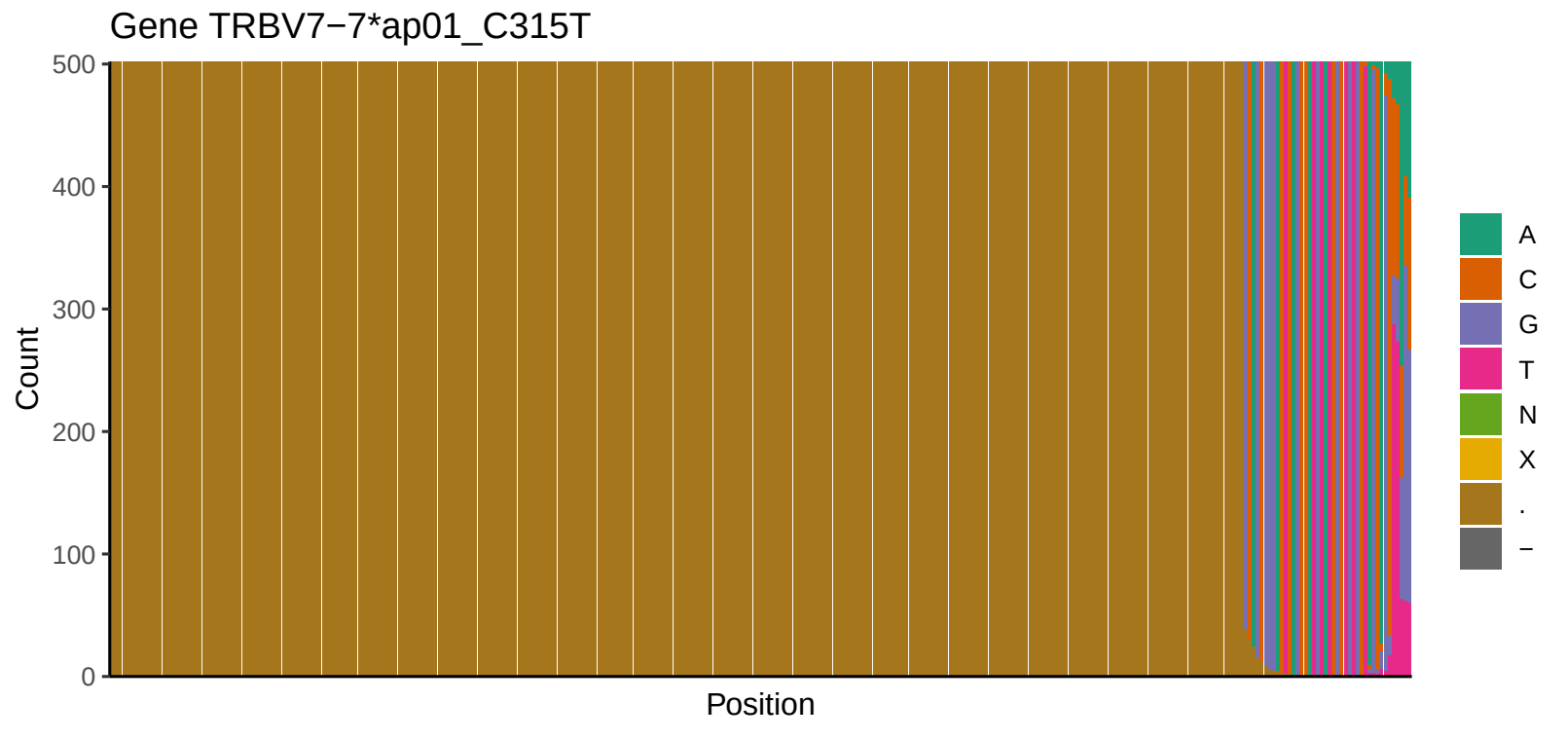
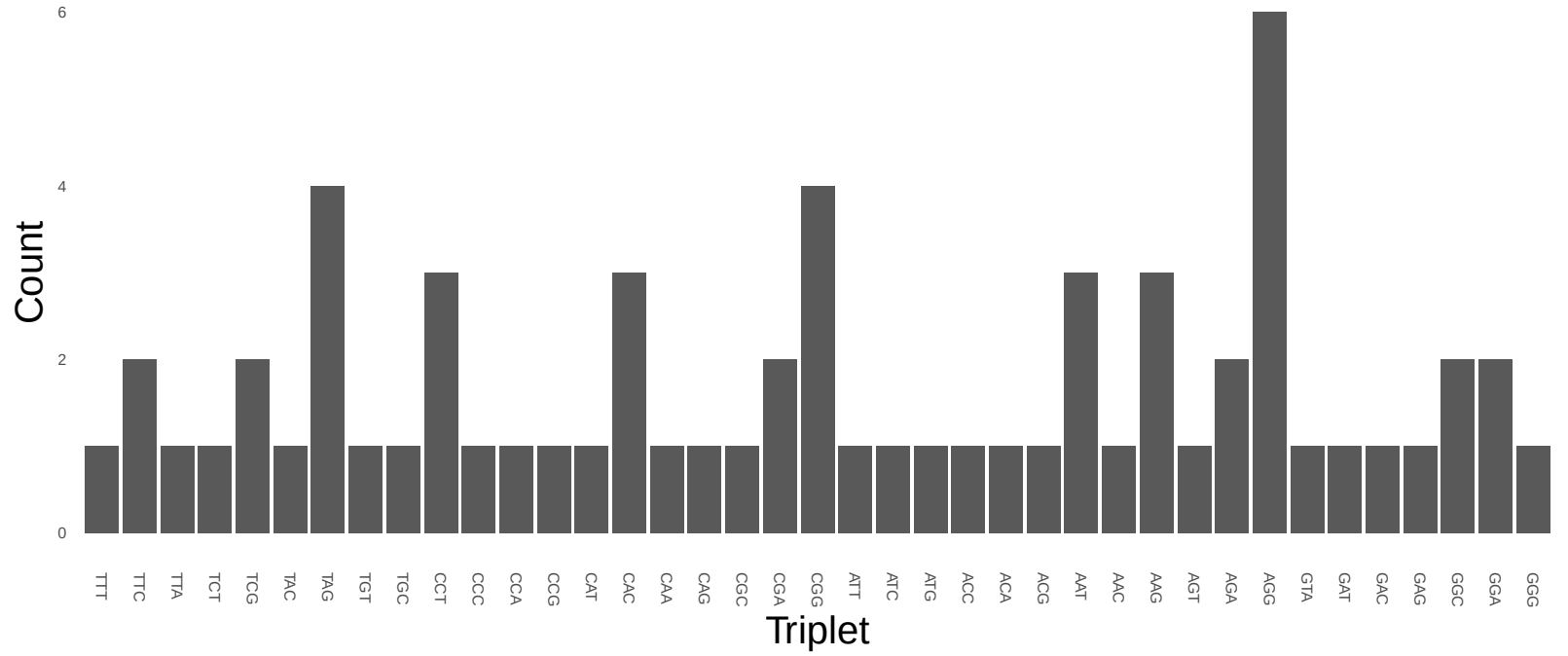

Gene TRBV7−1*ap01_T296C
Count
60
40
20
0
315
320
325
G C C A G C A G C T C A G C
Position
A
C
G
T


Gene TRBV7−7*ap01_C315T
Count
500
400
300
200
100
0
315
320
325
G C T A G C A G C T T A G C
Position
A
C
G
T

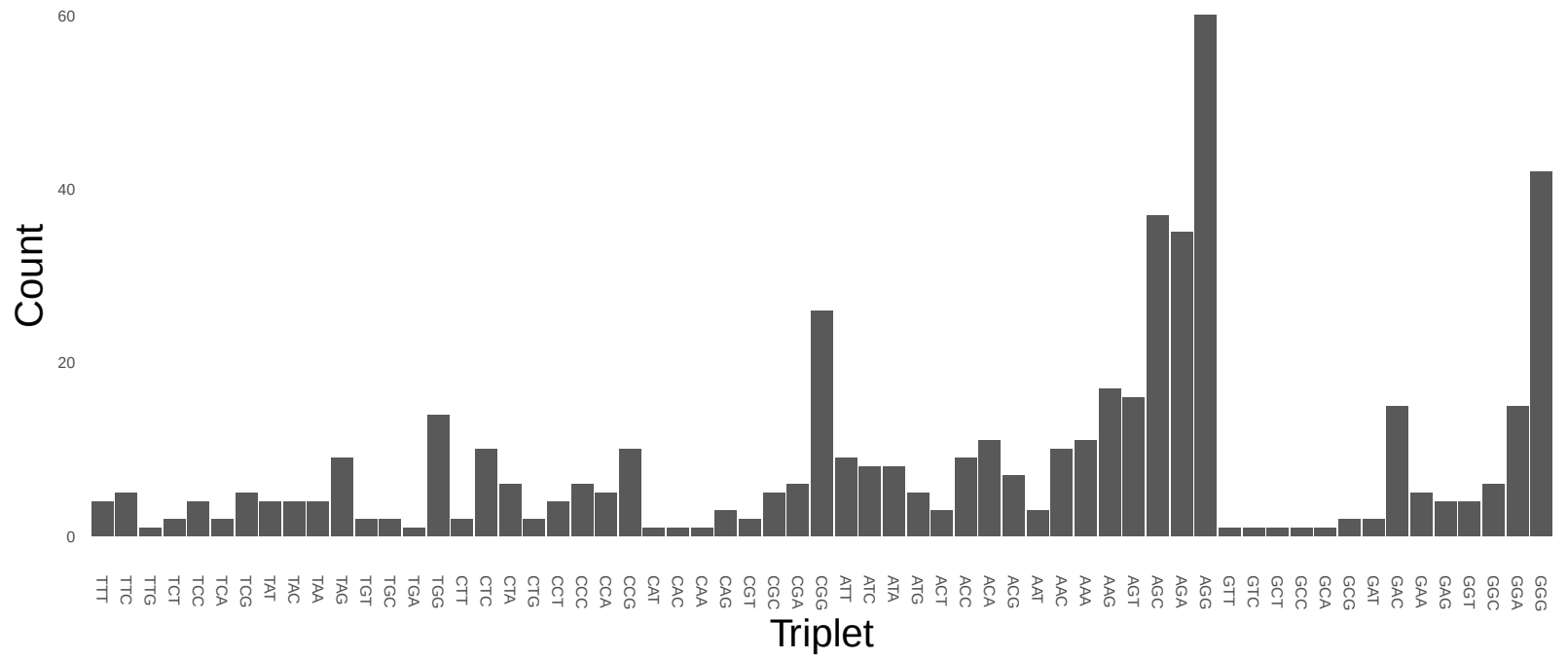

Gene TRBV7−1*ap01_T296C
Count
60
40
20
0
Position
A
C
G
T
N
X
.
−


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

TRBV7−1*ap01_T296C− Final 3 nucleotides as a triplet

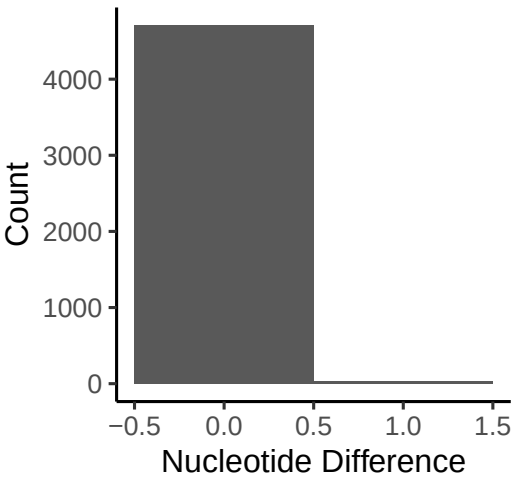


TRBV7−7*ap01_C315T− Final 3 nucleotides as a triplet



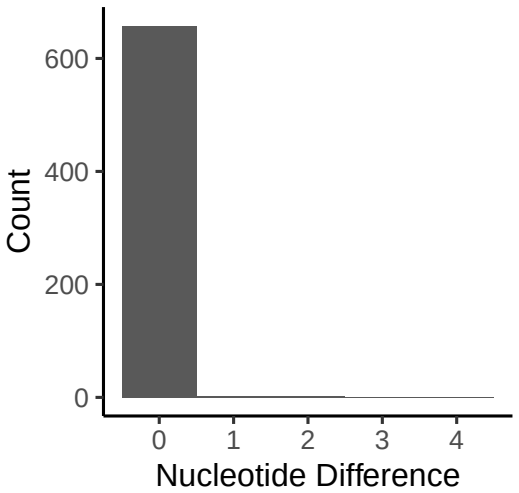
TRBV20−1*ap01

4735 sequences assigned
4706 (99.4%) exact matches, in which:
4655 unique CDR3
13 unique J



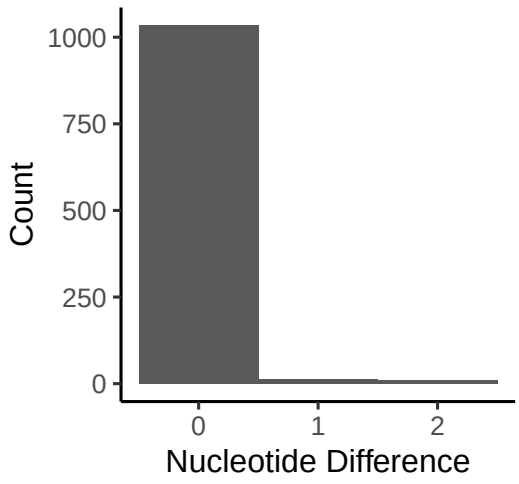
TRBV10−2*ap01

664 sequences assigned
658 (99.1%) exact matches, in which:
646 unique CDR3
13 unique J



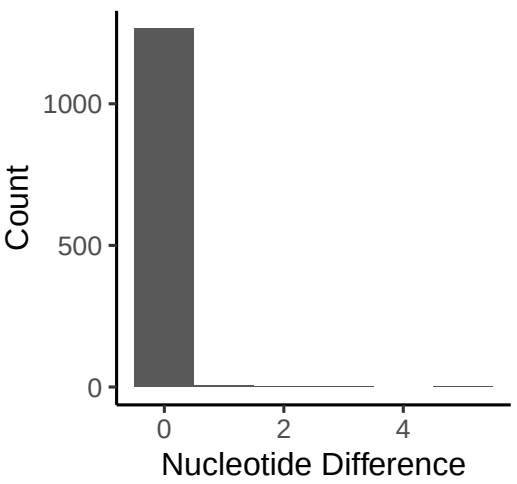
TRBV13*ap01

1059 sequences assigned
1034 (97.6%) exact matches, in which:
1014 unique CDR3
13 unique J



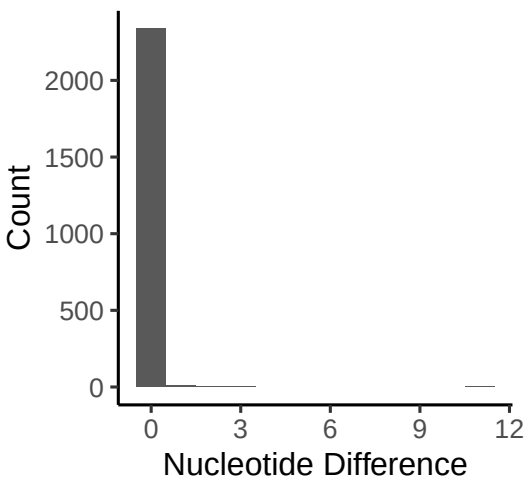
TRBV10−1*ap01

1273 sequences assigned
1265 (99.4%) exact matches, in which:
1241 unique CDR3
13 unique J



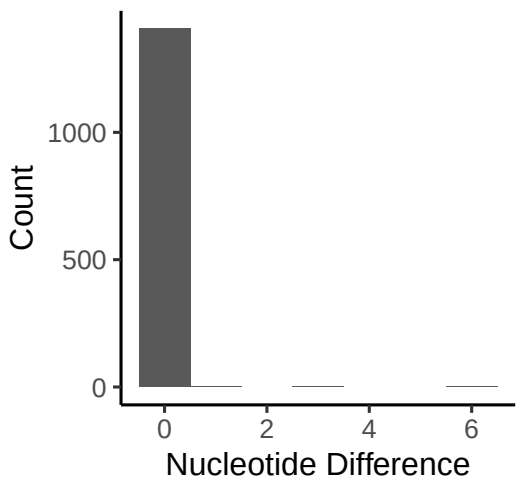
TRBV10−3*ap01

2351 sequences assigned
2337 (99.4%) exact matches, in which:
2305 unique CDR3
13 unique J



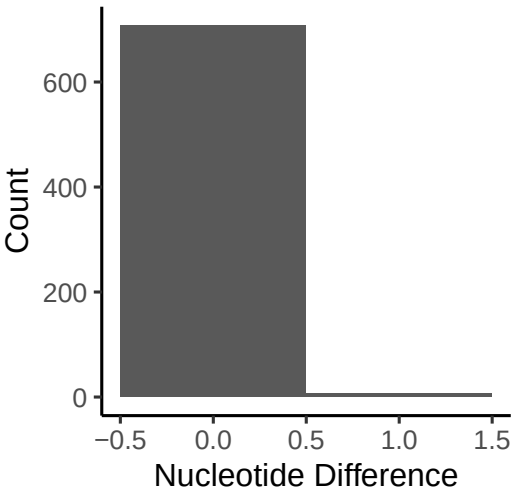
TRBV14*ap01

1413 sequences assigned
1407 (99.6%) exact matches, in which:
1401 unique CDR3
13 unique J



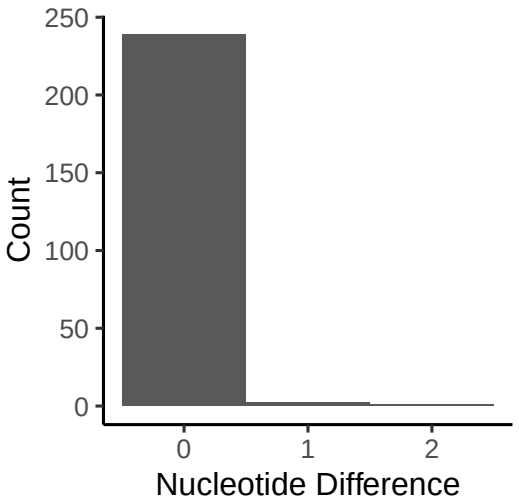
TRBV20−1*ap02

715 sequences assigned
708 (99%) exact matches, in which:
703 unique CDR3
13 unique J



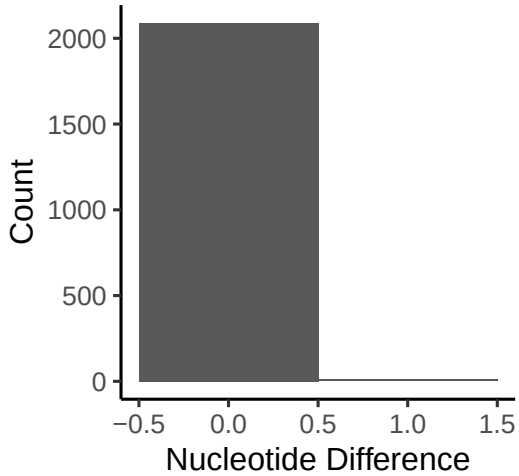
TRBV1*ap01

242 sequences assigned
239 (98.8%) exact matches, in which:
234 unique CDR3
13 unique J



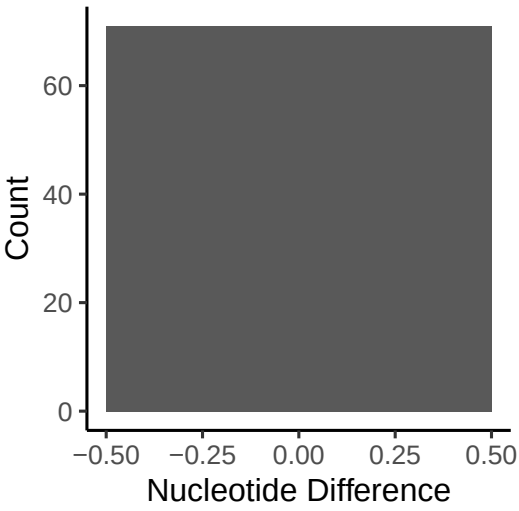
TRBV15*ap02

2099 sequences assigned
2089 (99.5%) exact matches, in which:
2035 unique CDR3
13 unique J



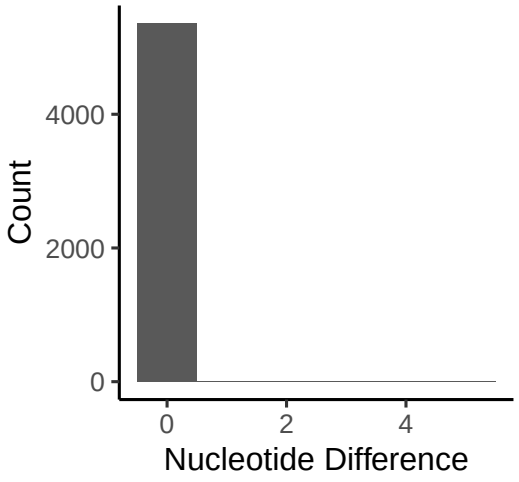
TRBV16*ap01

71 sequences assigned
71 (100%) exact matches, in which:
71 unique CDR3
13 unique J



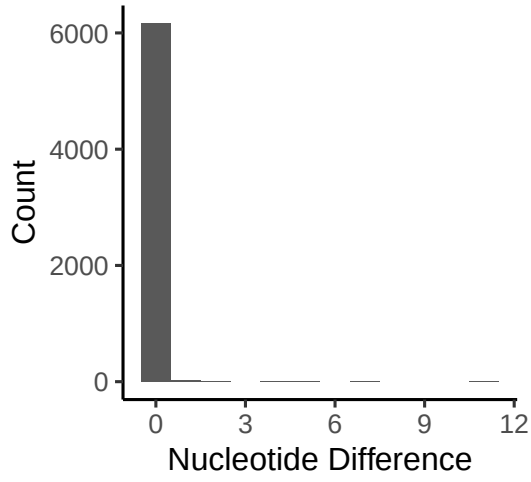
TRBV19*ap01

5381 sequences assigned
5359 (99.6%) exact matches, in which:
5343 unique CDR3
13 unique J



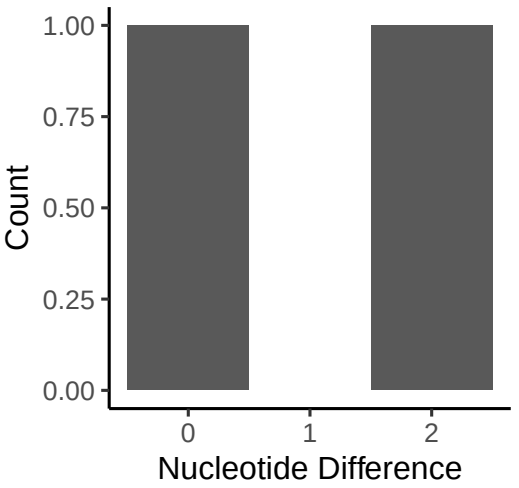
TRBV27*ap01

6205 sequences assigned
6164 (99.3%) exact matches, in which:
6059 unique CDR3
13 unique J



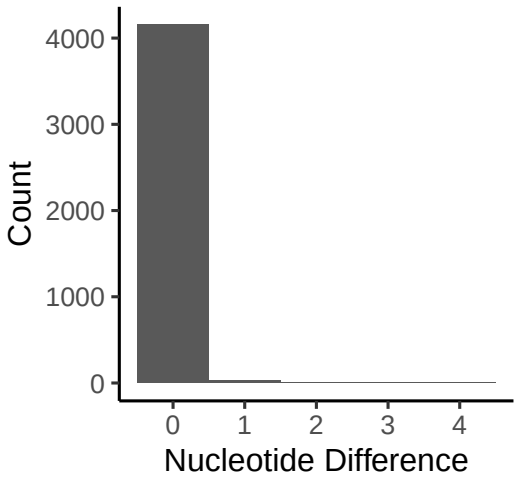
TRBV17*ap01

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



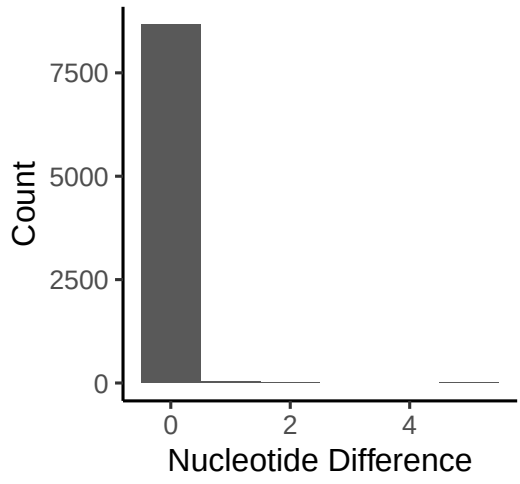
TRBV2*ap01

4187 sequences assigned
4155 (99.2%) exact matches, in which:
4054 unique CDR3
13 unique J



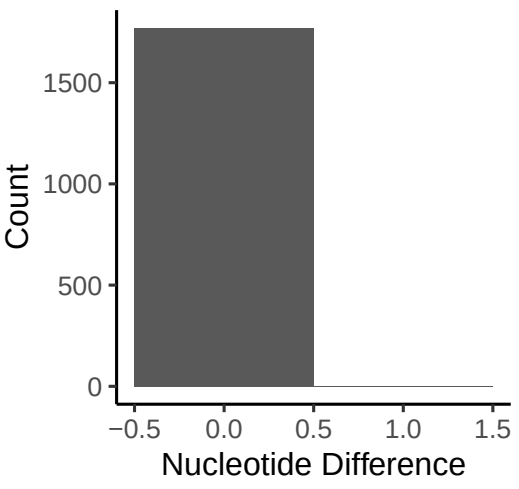
TRBV28*ap01

8695 sequences assigned
8663 (99.6%) exact matches, in which:
8599 unique CDR3
13 unique J



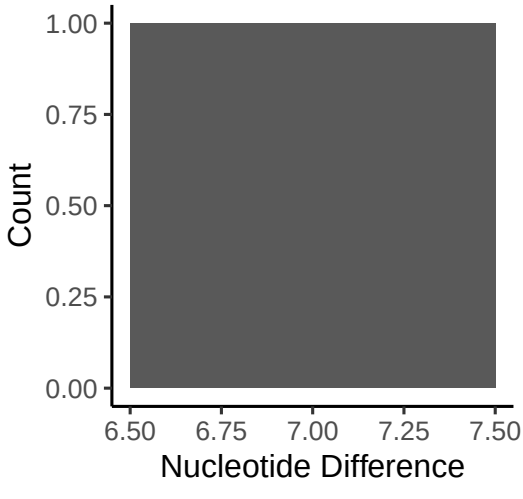
TRBV18*ap01

1772 sequences assigned
1770 (99.9%) exact matches, in which:
1759 unique CDR3
13 unique J



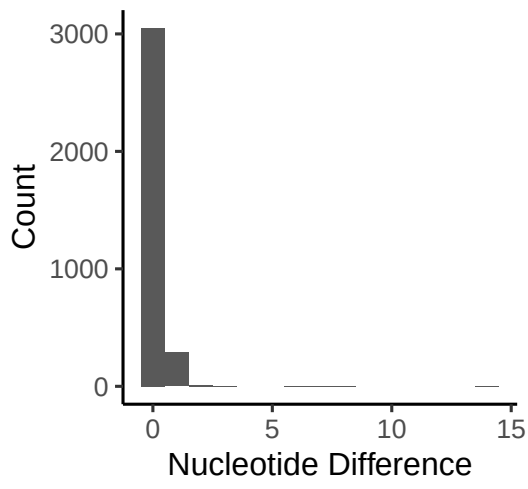
TRBV26*ap01

1 sequences assigned
No exact matches.



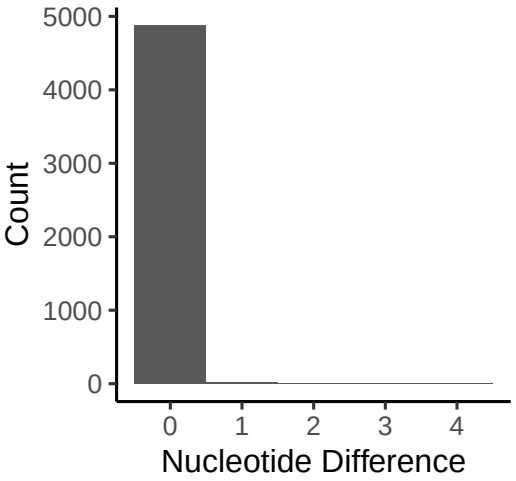
TRBV30*ap01

3353 sequences assigned
3050 (91%) exact matches, in which:
2978 unique CDR3
13 unique J



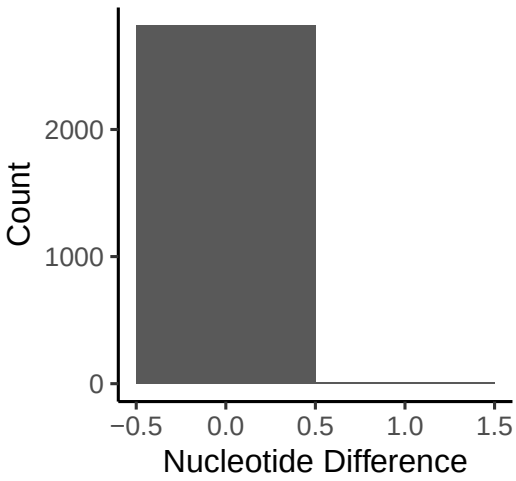
TRBV9*ap01

4901 sequences assigned
4877 (99.5%) exact matches, in which:
4832 unique CDR3
13 unique J



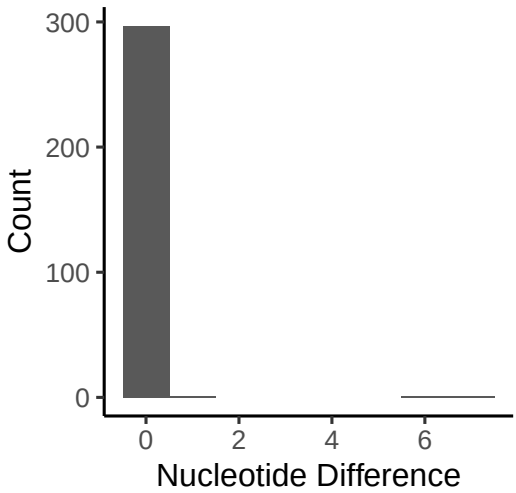
TRBV11−2*ap01

2828 sequences assigned
2819 (99.7%) exact matches, in which:
2789 unique CDR3
13 unique J



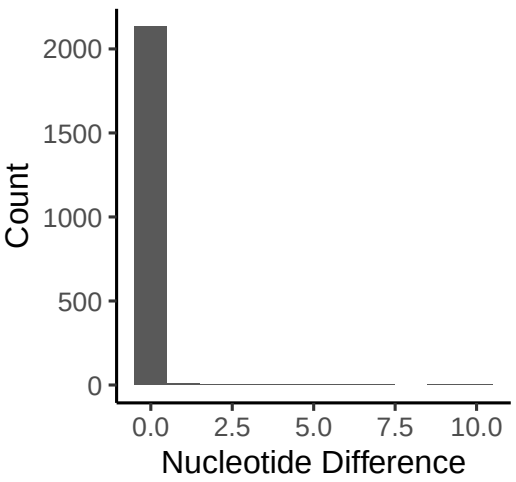
TRBV12−2*ap01

300 sequences assigned
297 (99%) exact matches, in which:
295 unique CDR3
13 unique J



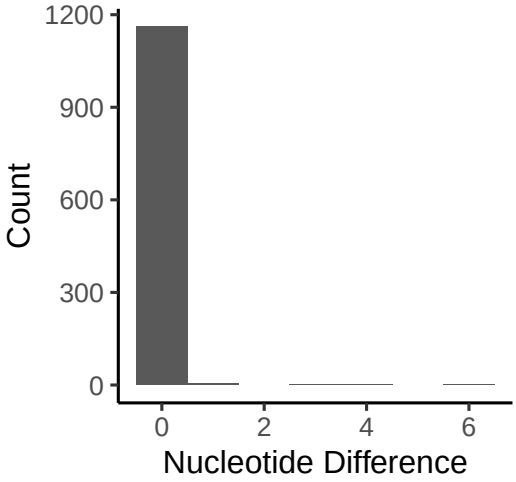
TRBV21−1*ap01

2152 sequences assigned
2132 (99.1%) exact matches, in which:
2122 unique CDR3
13 unique J



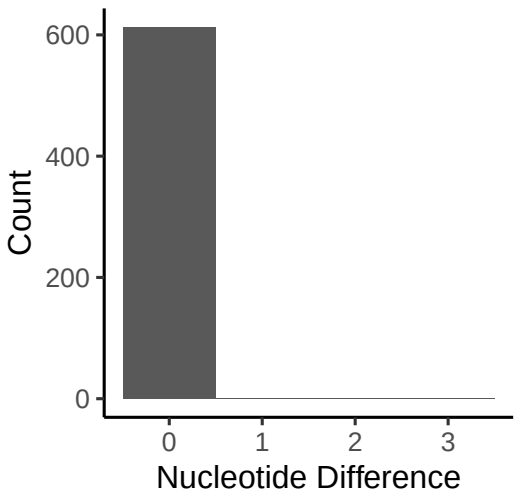
TRBV11−3*ap01

1169 sequences assigned
1161 (99.3%) exact matches, in which:
1149 unique CDR3
13 unique J



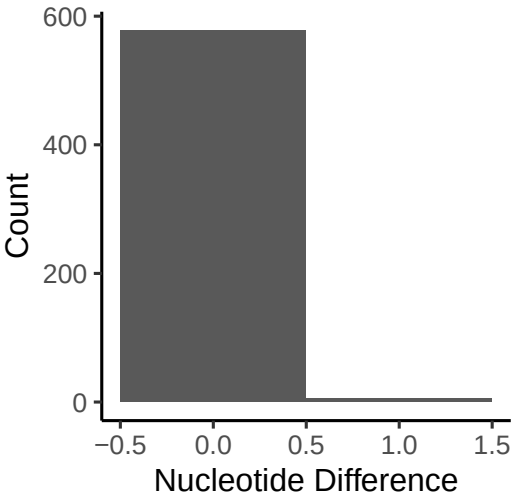
TRBV12−5*ap01

616 sequences assigned
613 (99.5%) exact matches, in which:
603 unique CDR3
13 unique J



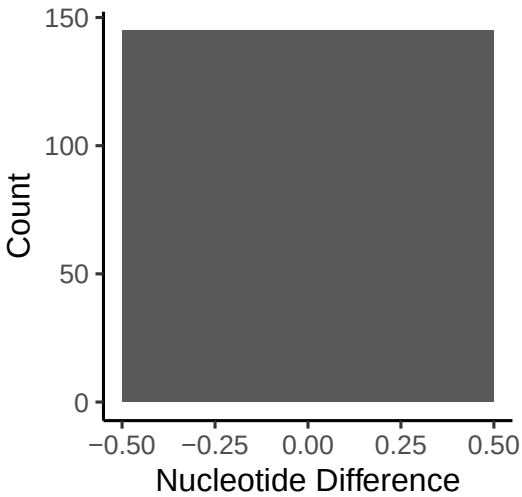
TRBV11−1*ap01

583 sequences assigned
578 (99.1%) exact matches, in which:
573 unique CDR3
13 unique J



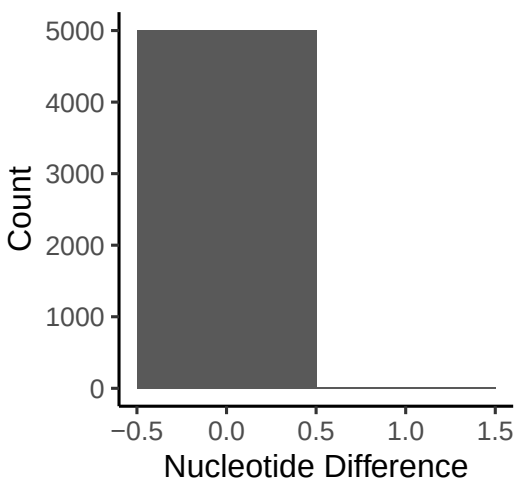
TRBV12−1*ap01

145 sequences assigned
145 (100%) exact matches, in which:
143 unique CDR3
12 unique J



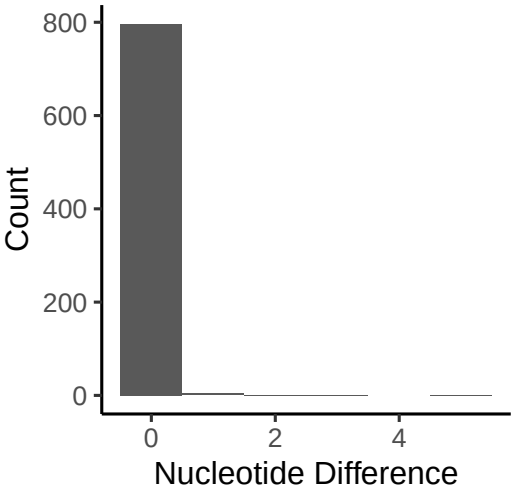
TRBV12−34*ap01

5029 sequences assigned
5007 (99.6%) exact matches, in which:
4949 unique CDR3
13 unique J



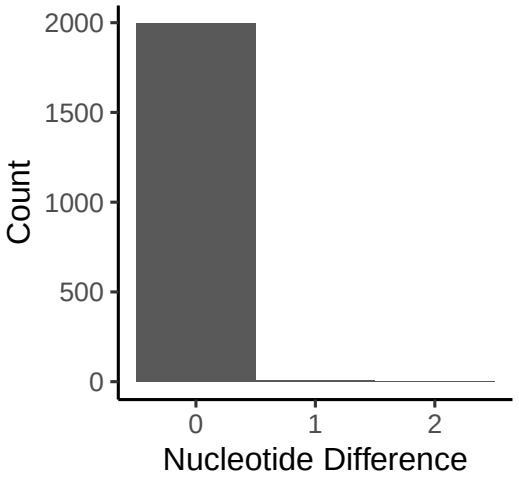
TRBV23−1*ap01

804 sequences assigned
797 (99.1%) exact matches, in which:
789 unique CDR3
13 unique J



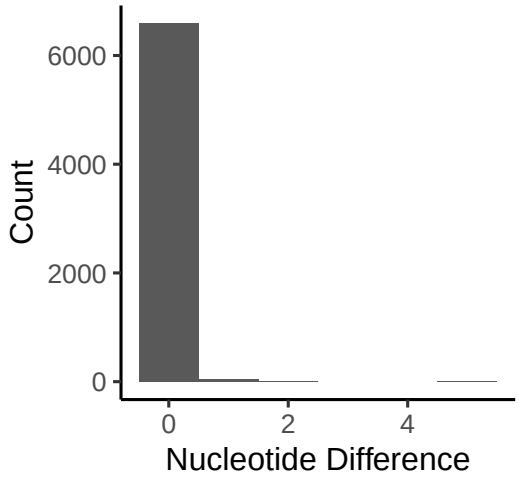
TRBV4−1*ap01

2005 sequences assigned
1996 (99.6%) exact matches, in which:
1962 unique CDR3
13 unique J



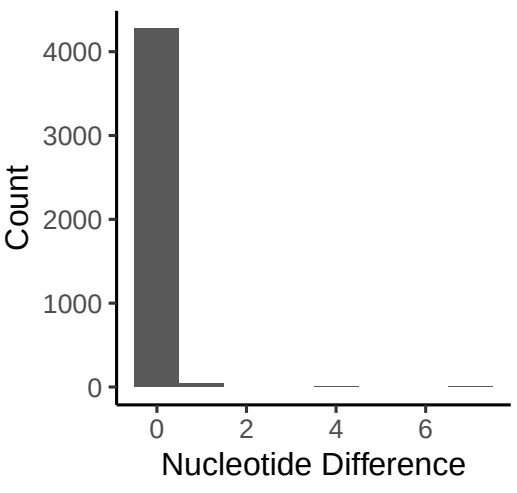
TRBV5−1*ap01

6634 sequences assigned
6590 (99.3%) exact matches, in which:
6448 unique CDR3
13 unique J



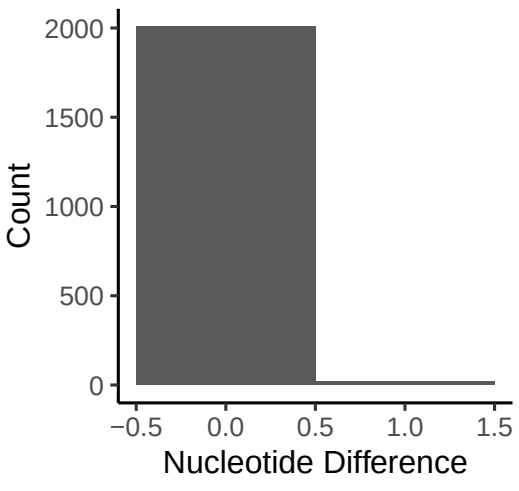
TRBV3−12*ap01

4312 sequences assigned
4274 (99.1%) exact matches, in which:
4217 unique CDR3
13 unique J



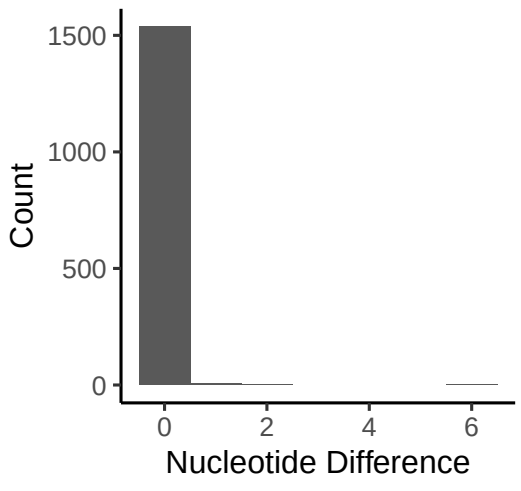
TRBV4−2*ap01

2028 sequences assigned
2007 (99%) exact matches, in which:
1972 unique CDR3
13 unique J



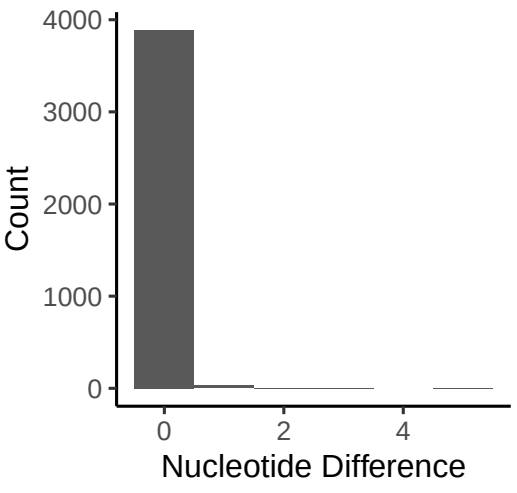
TRBV25−1*ap01

1547 sequences assigned
1537 (99.4%) exact matches, in which:
1502 unique CDR3
13 unique J



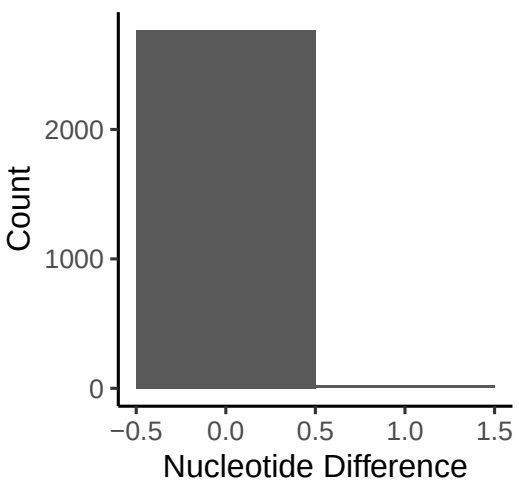
TRBV24−1*ap01

3924 sequences assigned
3888 (99.1%) exact matches, in which:
3830 unique CDR3
13 unique J



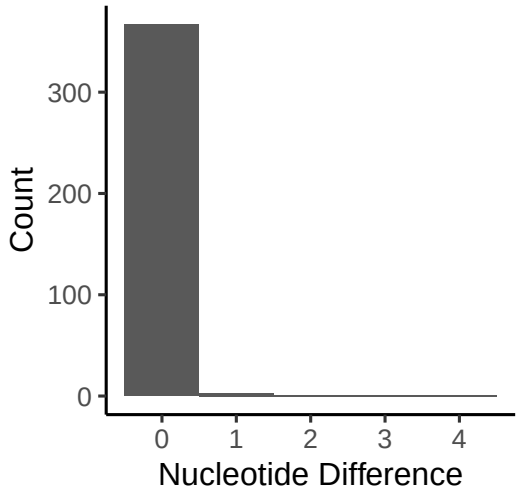
TRBV4−3*ap01

2789 sequences assigned
2768 (99.2%) exact matches, in which:
2731 unique CDR3
13 unique J



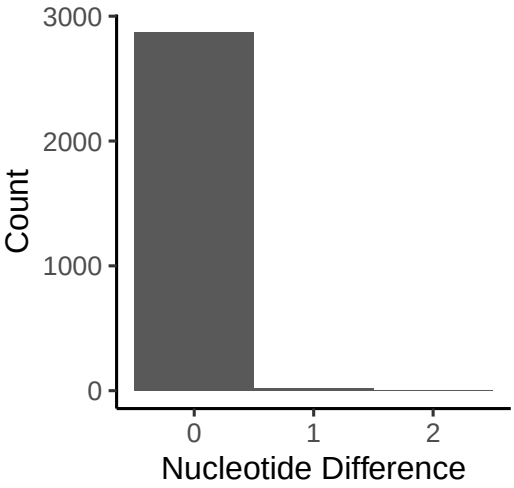
TRBV5−3*ap01

373 sequences assigned
367 (98.4%) exact matches, in which:
362 unique CDR3
13 unique J



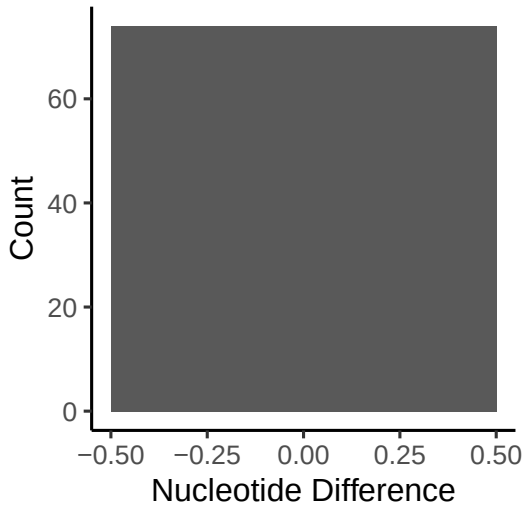
TRBV5−4*ap01

2894 sequences assigned
2870 (99.2%) exact matches, in which:
2828 unique CDR3
13 unique J



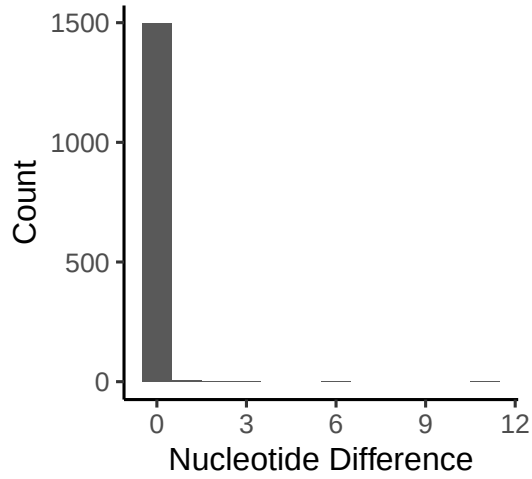
TRBV5−7*ap01

74 sequences assigned
74 (100%) exact matches, in which:
71 unique CDR3
12 unique J



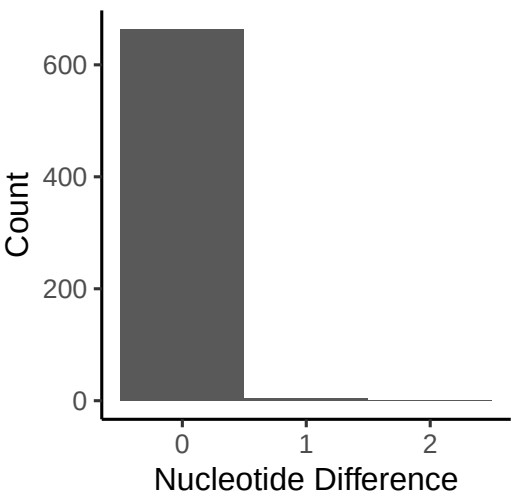
TRBV6−4*ap01

1512 sequences assigned
1497 (99%) exact matches, in which:
1485 unique CDR3
13 unique J



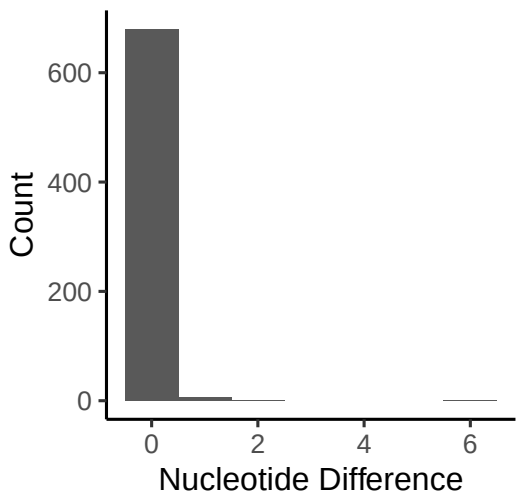
TRBV5−5*ap01

669 sequences assigned
664 (99.3%) exact matches, in which:
657 unique CDR3
13 unique J



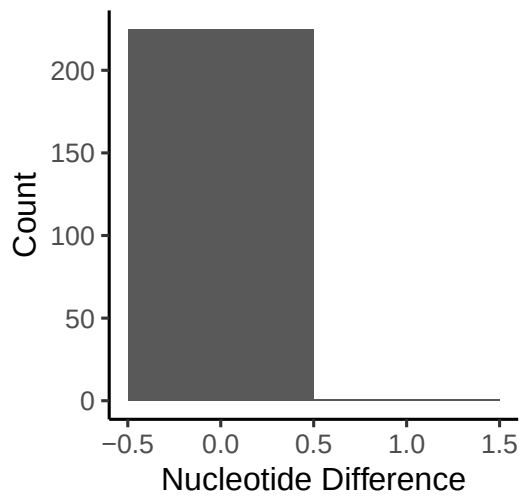
TRBV5−8*ap01

688 sequences assigned
680 (98.8%) exact matches, in which:
674 unique CDR3
13 unique J



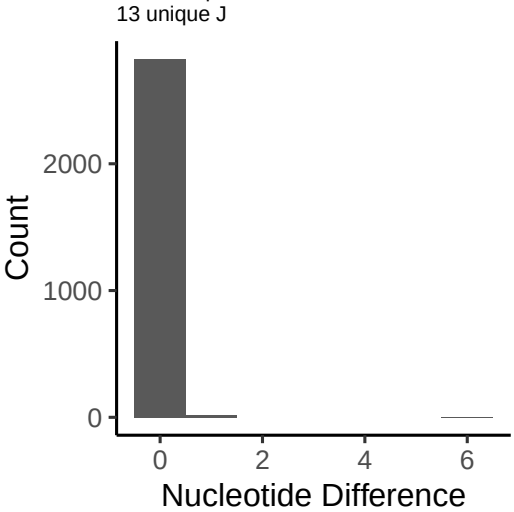
TRBV6−7*ap01

226 sequences assigned
225 (99.6%) exact matches, in which:
221 unique CDR3
13 unique J



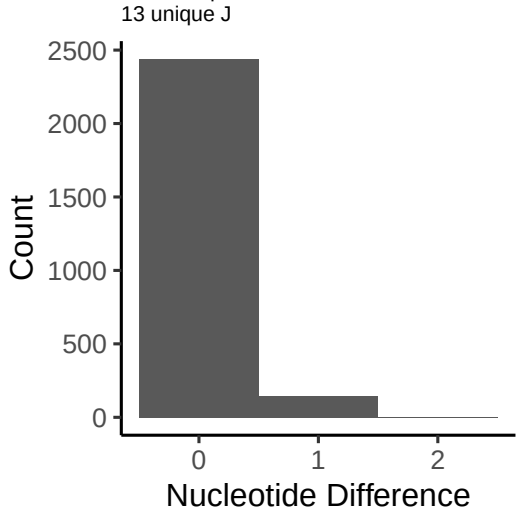
TRBV5−6*ap01

2845 sequences assigned
2826 (99.3%) exact matches, in which:
2758 unique CDR3
13 unique J



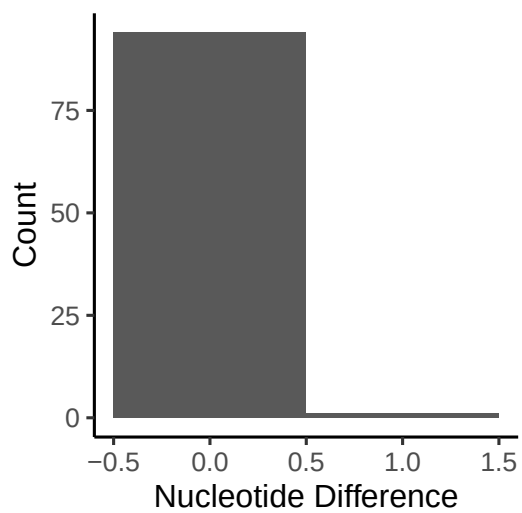
TRBV6−1*ap01

2583 sequences assigned
2439 (94.4%) exact matches, in which:
2377 unique CDR3
13 unique J



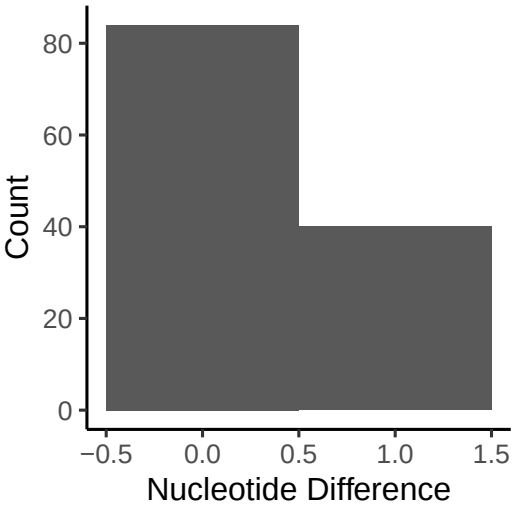
TRBV6−8*ap01

95 sequences assigned
94 (98.9%) exact matches, in which:
91 unique CDR3
13 unique J



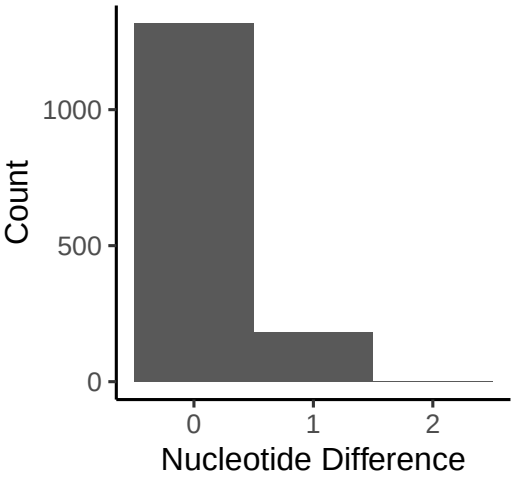
TRBV6−9*ap01

124 sequences assigned
84 (67.7%) exact matches, in which:
81 unique CDR3
12 unique J



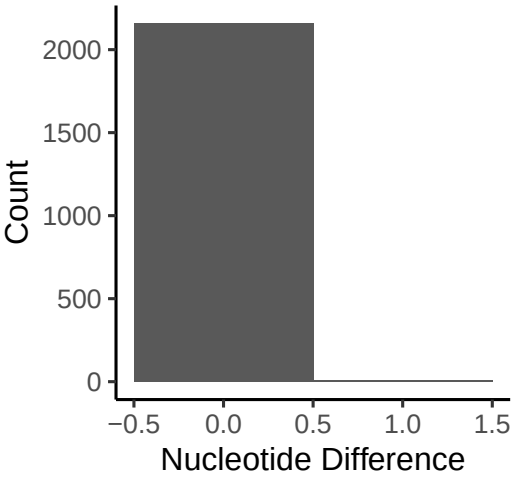
TRBV6−56*ap02

1502 sequences assigned
1317 (87.7%) exact matches, in which:
1285 unique CDR3
13 unique J



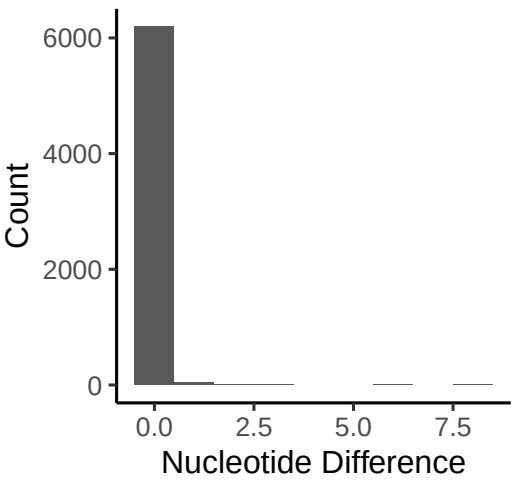
TRBV7−3*ap01

2168 sequences assigned
2158 (99.5%) exact matches, in which:
2146 unique CDR3
13 unique J



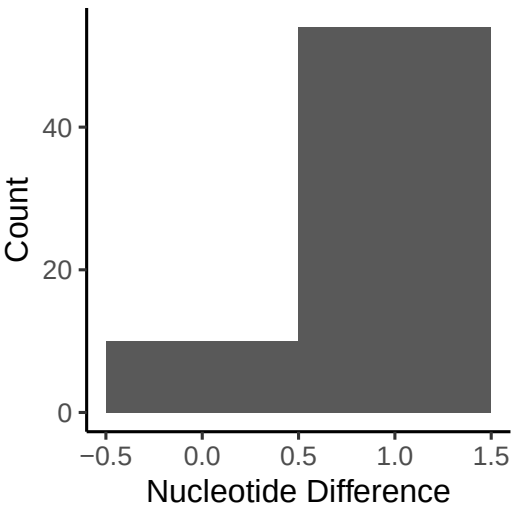
TRBV6−23*ap01

6245 sequences assigned
6193 (99.2%) exact matches, in which:
6049 unique CDR3
13 unique J



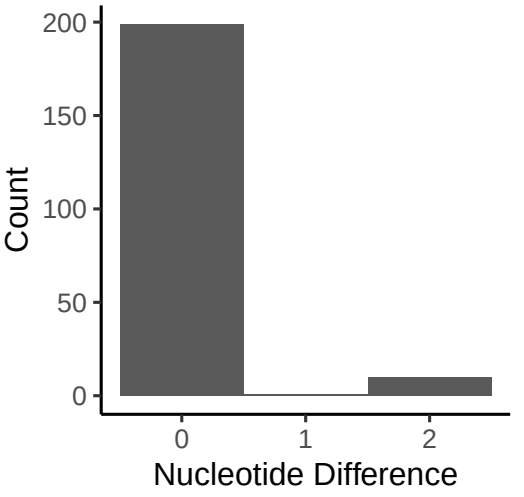
TRBV7−1*ap01_T296C

64 sequences assigned
10 (15.6%) exact matches, in which:
10 unique CDR3
7 unique J



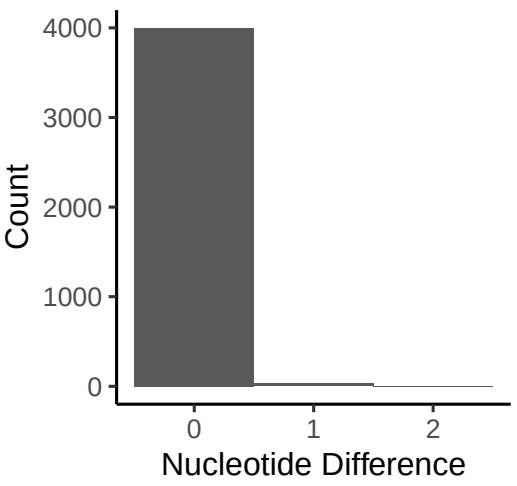
TRBV7−4*ap01

210 sequences assigned
199 (94.8%) exact matches, in which:
198 unique CDR3
13 unique J



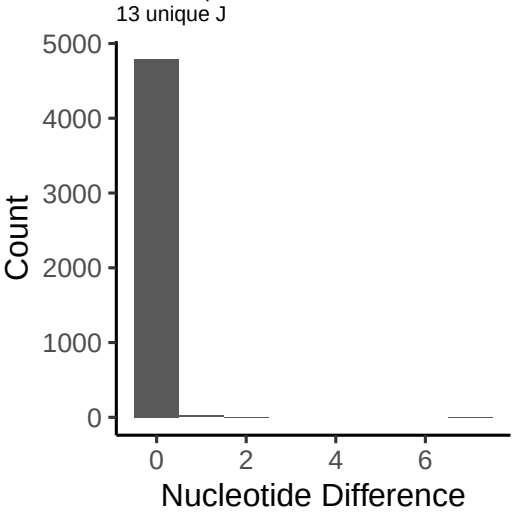
TRBV6−56*ap01

4029 sequences assigned
3998 (99.2%) exact matches, in which:
3916 unique CDR3
13 unique J



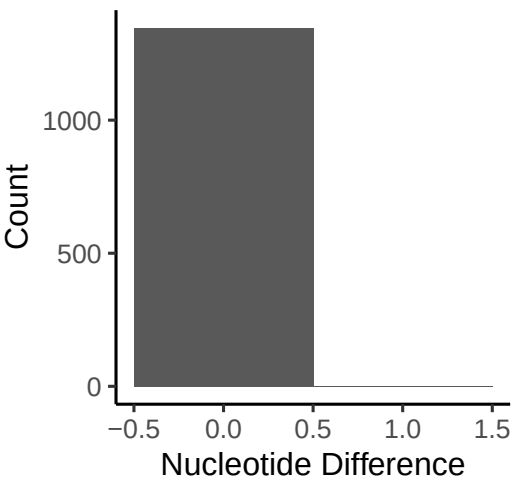
TRBV7−2*ap01

4818 sequences assigned
4792 (99.5%) exact matches, in which:
4742 unique CDR3
13 unique J



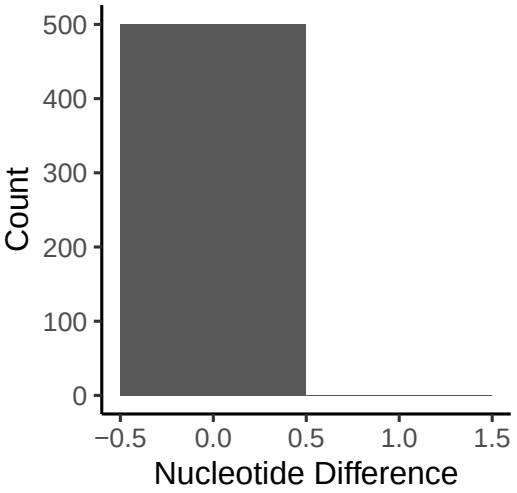
TRBV7−6*ap01

1348 sequences assigned
1346 (99.9%) exact matches, in which:
1332 unique CDR3
13 unique J



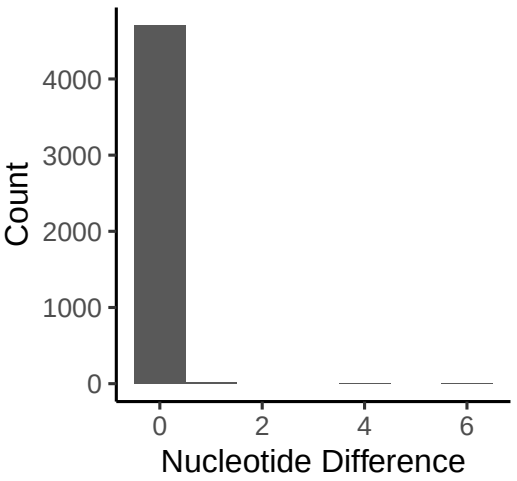
TRBV7−7*ap01_C315T

502 sequences assigned
501 (99.8%) exact matches, in which:
494 unique CDR3
13 unique J



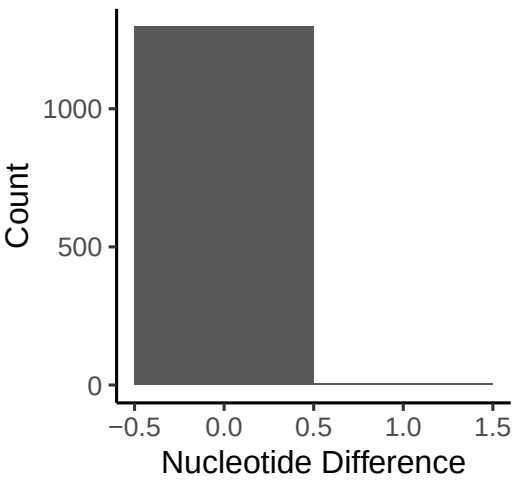
TRBV7−9*ap01

4730 sequences assigned
4703 (99.4%) exact matches, in which:
4655 unique CDR3
13 unique J



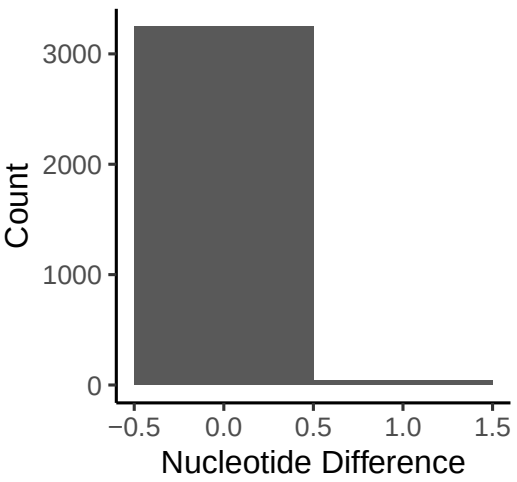
TRBV7−8*ap01

1301 sequences assigned
1297 (99.7%) exact matches, in which:
1277 unique CDR3
13 unique J



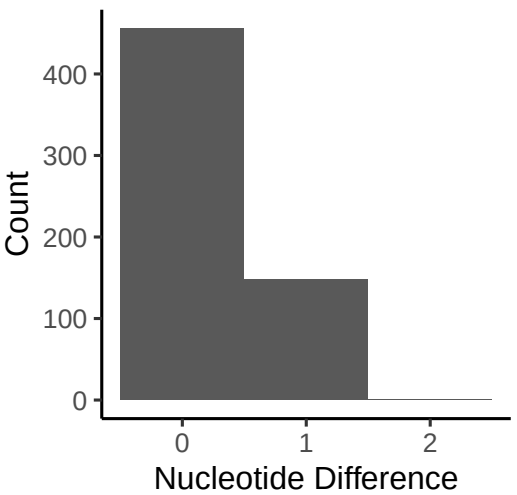
TRBV29−1*ap01

3289 sequences assigned
3246 (98.7%) exact matches, in which:
3171 unique CDR3
13 unique J



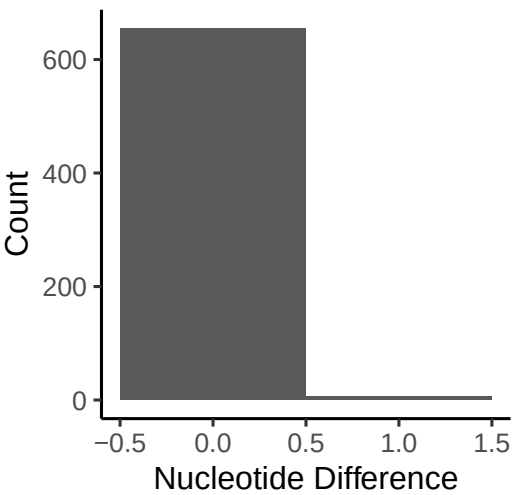
TRBV7−8*ap03

605 sequences assigned
456 (75.4%) exact matches, in which:
443 unique CDR3
13 unique J

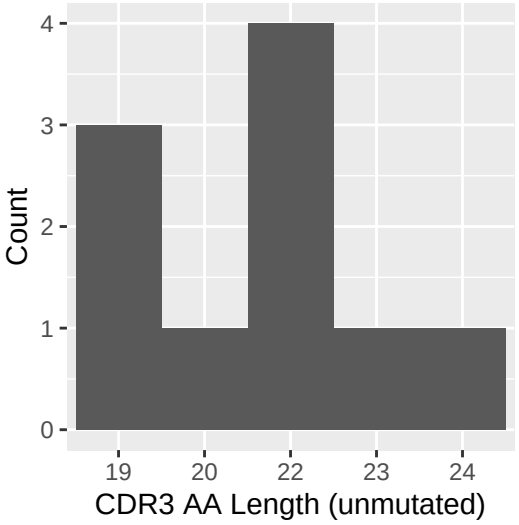


TRBV29−1*ap02

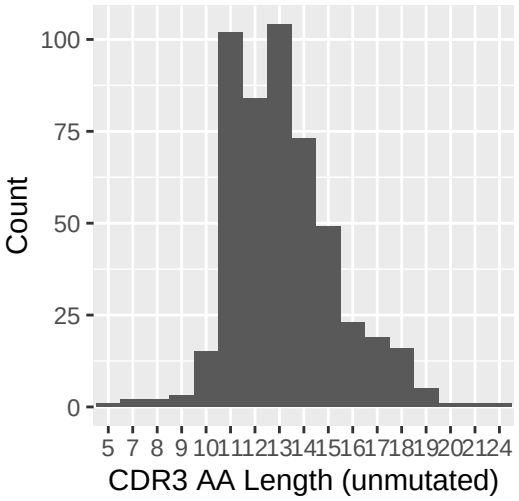
662 sequences assigned
655 (98.9%) exact matches, in which:
634 unique CDR3
13 unique J

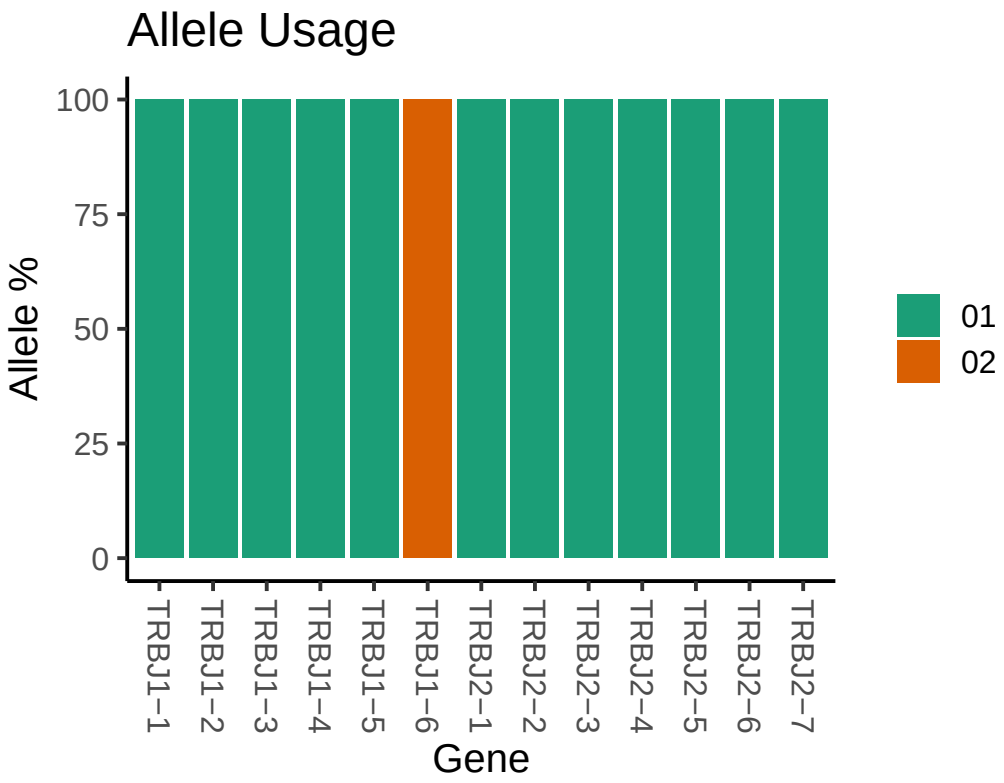


TRBV7−1*ap01_T296C



TRBV7−7*ap01_C315T




Allele Usage
Allele %
100
75
50
25
0
TRBJ1−1
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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.