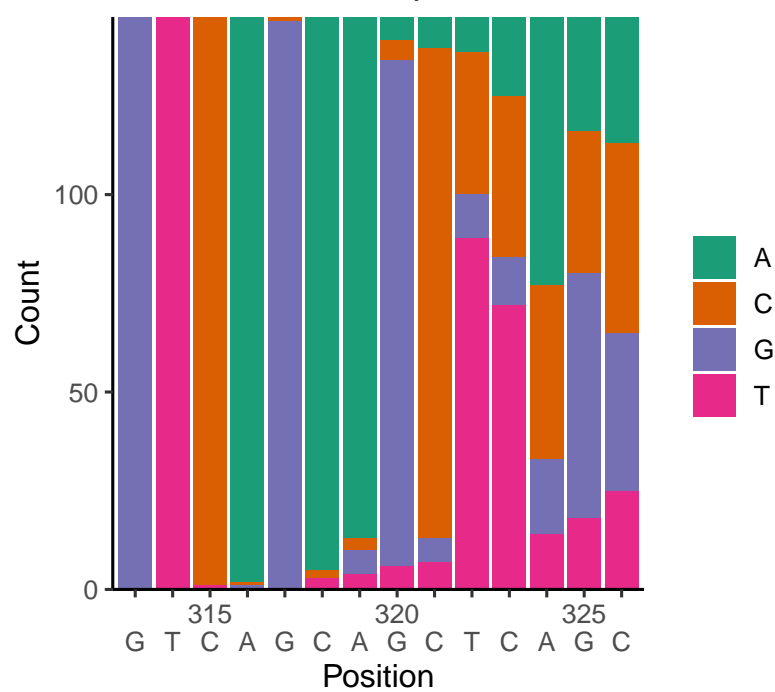
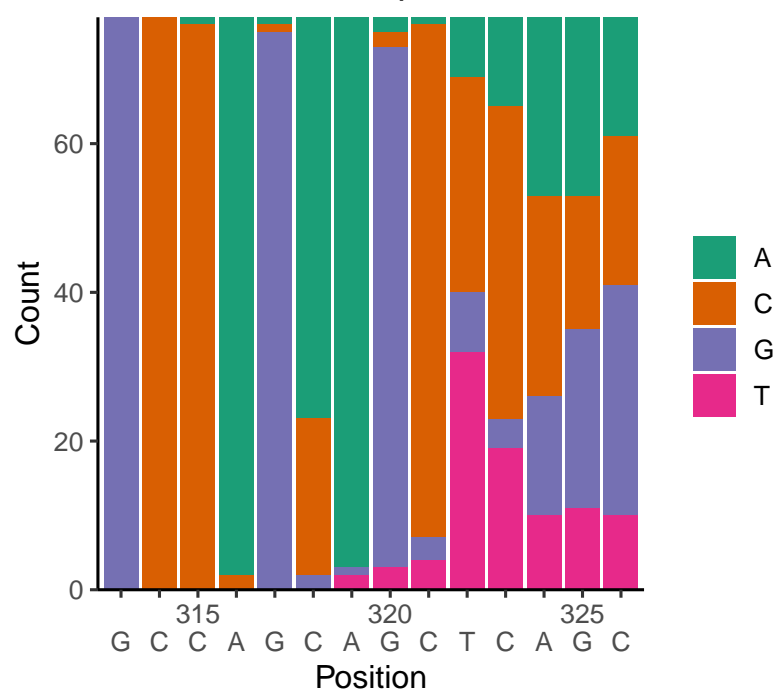


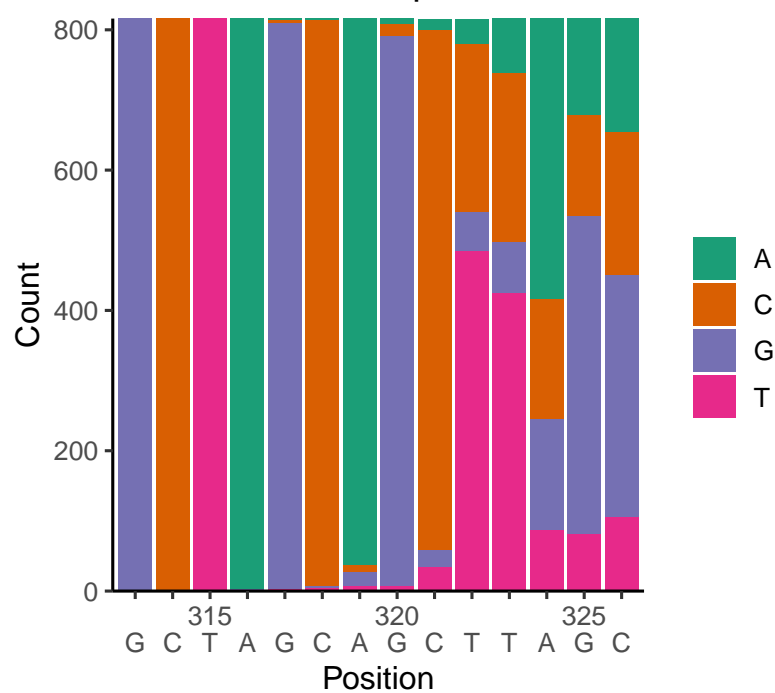
Gene TRBV7-1*ap01_T296C_C314T



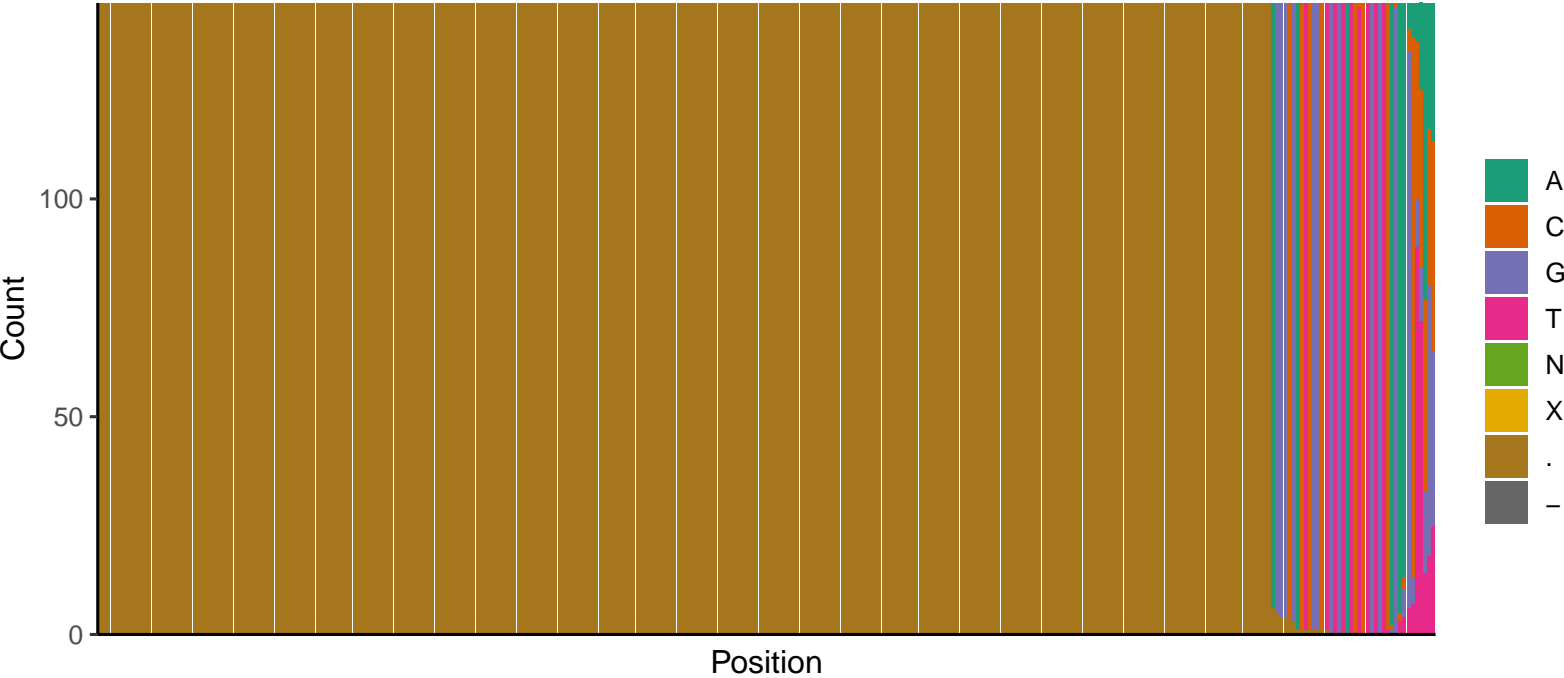
Gene TRBV7-1*ap01_T296C



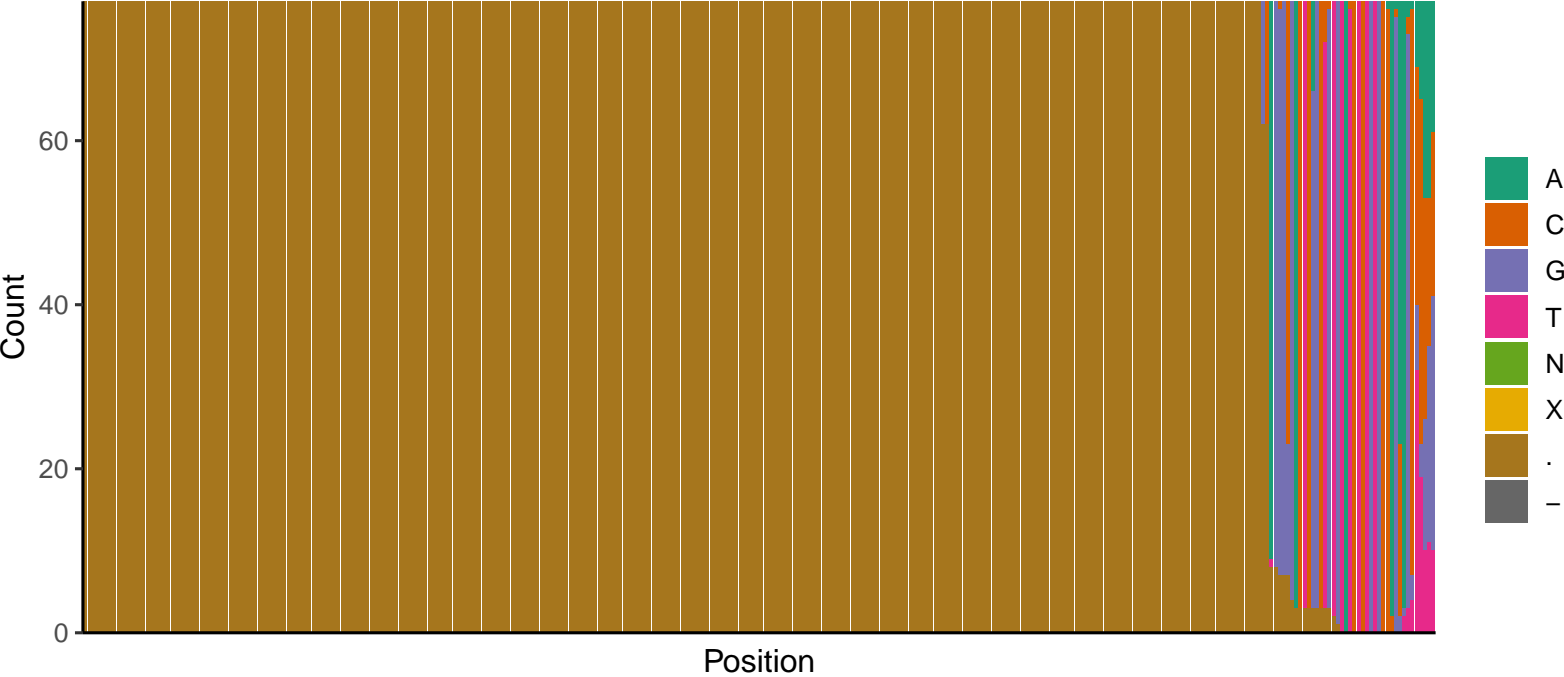
Gene TRBV7-7*ap01_C315T



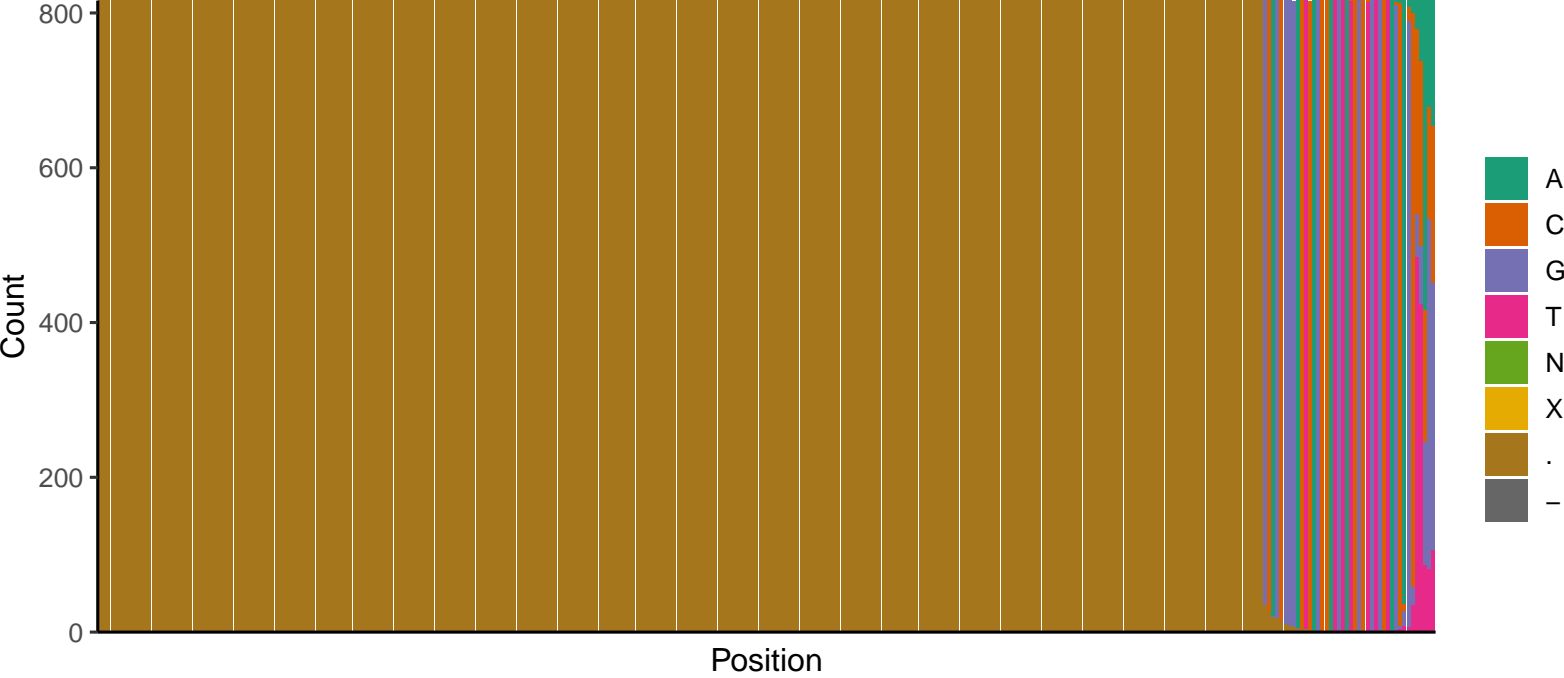
Gene TRBV7-1*ap01_T296C_C314T



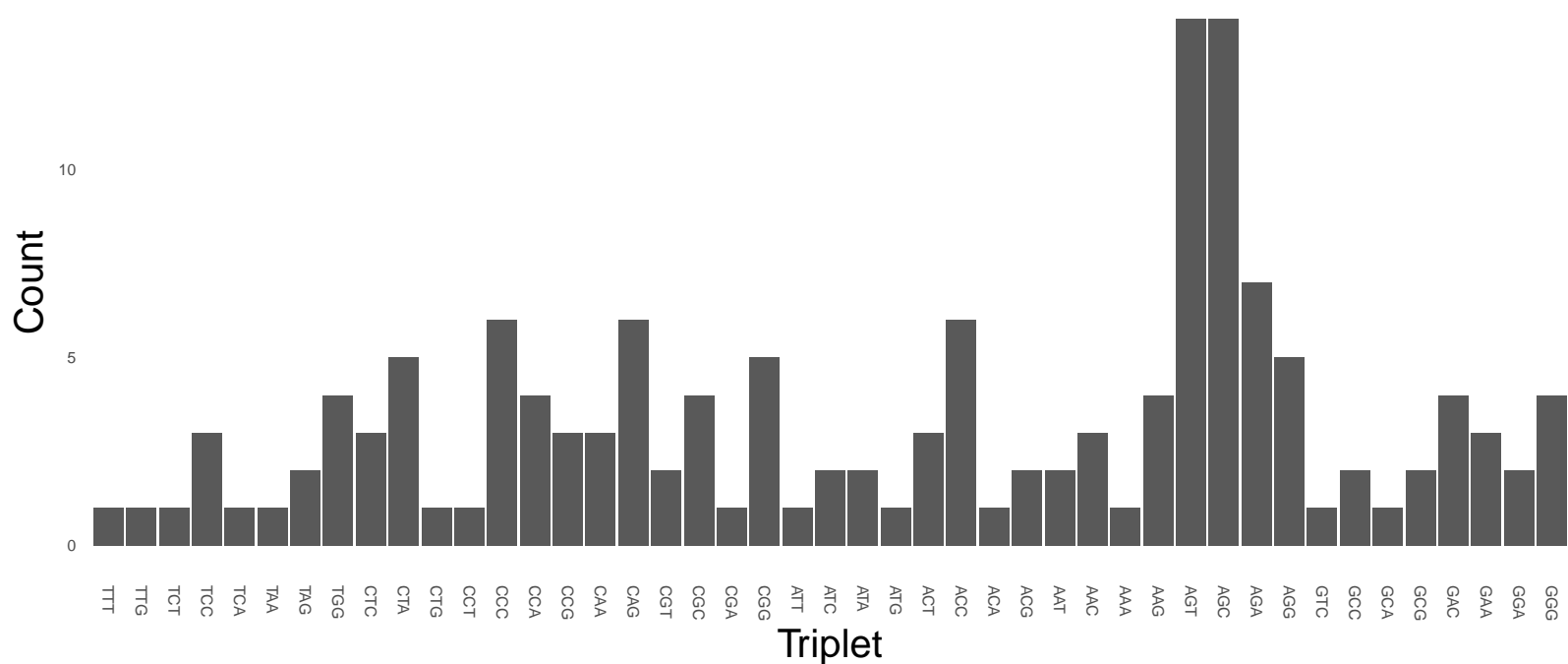
Gene TRBV7-1*ap01_T296C



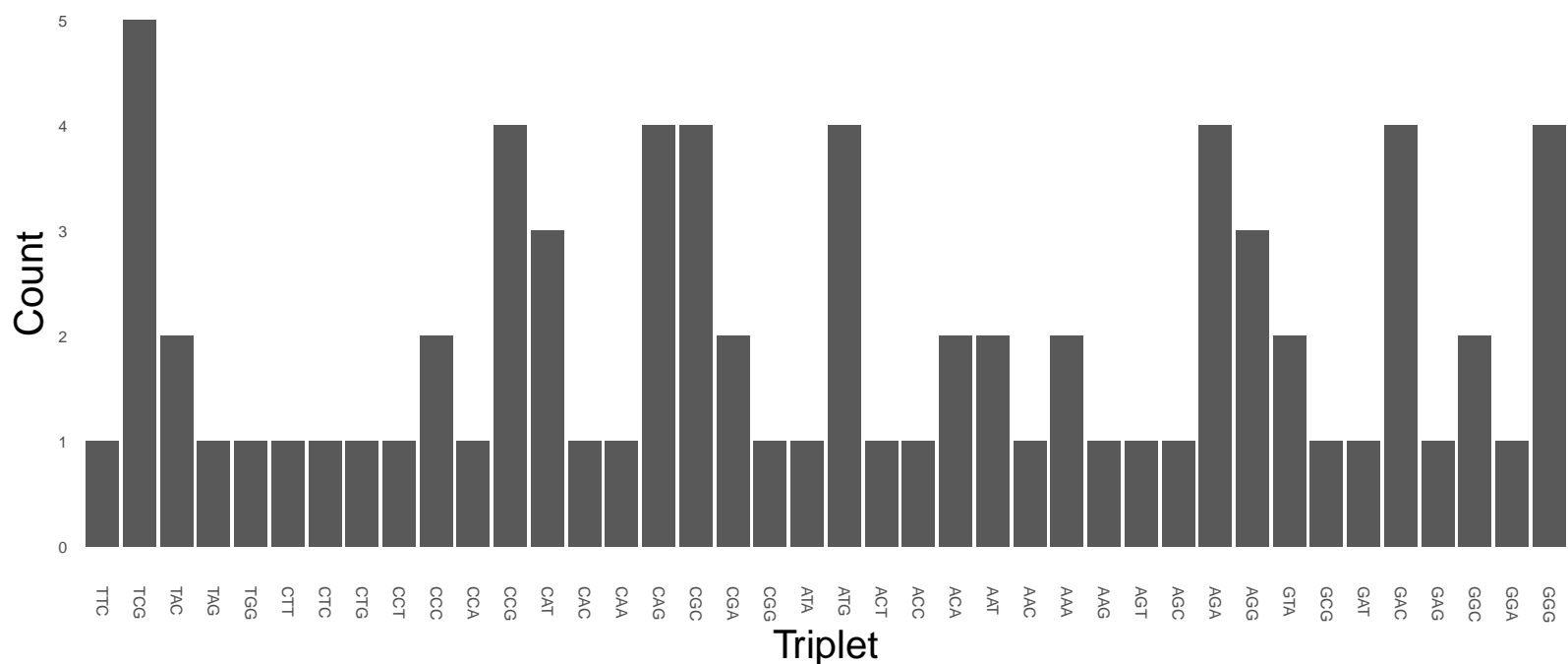
Gene TRBV7-7*ap01_C315T



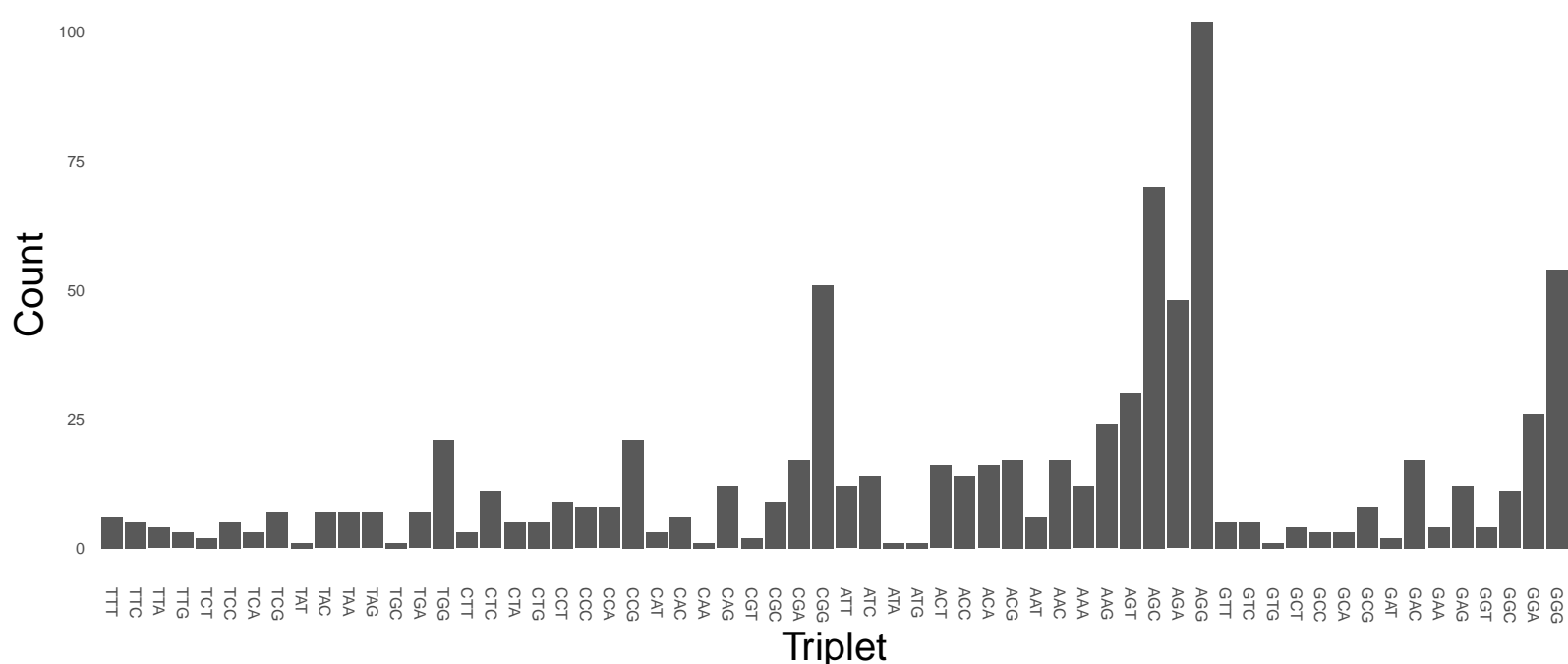
TRBV7-1*ap01_T296C_ C314T- Final 3 nucleotides as a triplet



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

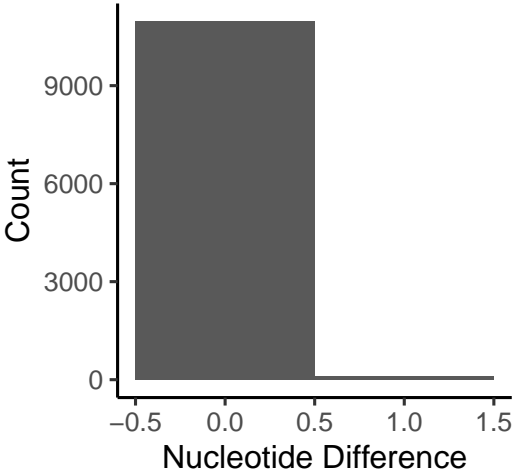


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



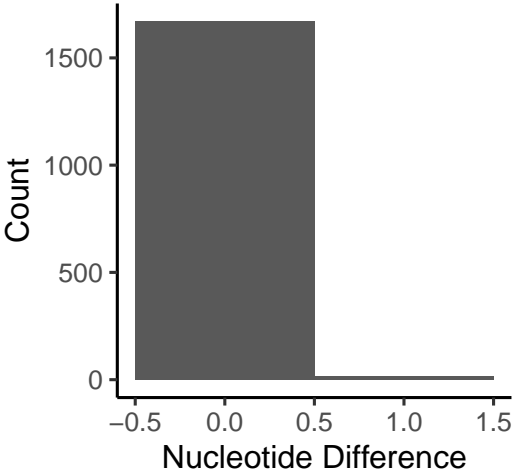
TRBV20-1*ap01

11085 sequences assigned
10966 (98.9%) exact matches, in which:
10768 unique CDR3
13 unique J



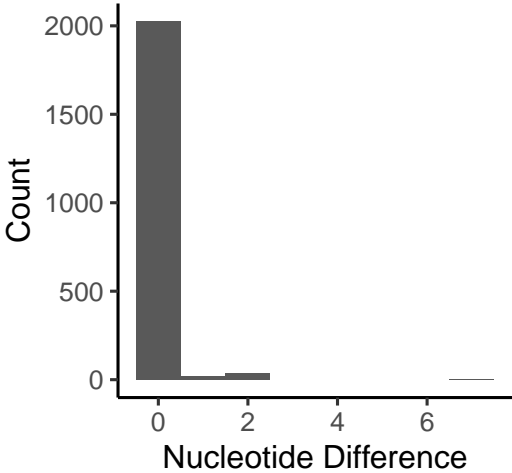
TRBV10-2*ap01

1686 sequences assigned
1670 (99.1%) exact matches, in which:
1623 unique CDR3
13 unique J



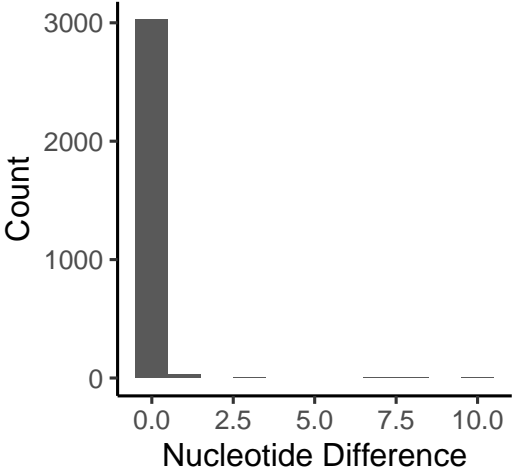
TRBV13*ap01

2084 sequences assigned
2025 (97.2%) exact matches, in which:
1955 unique CDR3
13 unique J



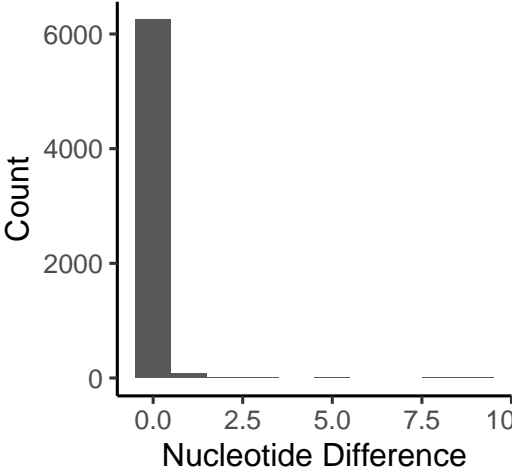
TRBV10-1*ap01

3057 sequences assigned
3026 (99%) exact matches, in which:
2959 unique CDR3
13 unique J



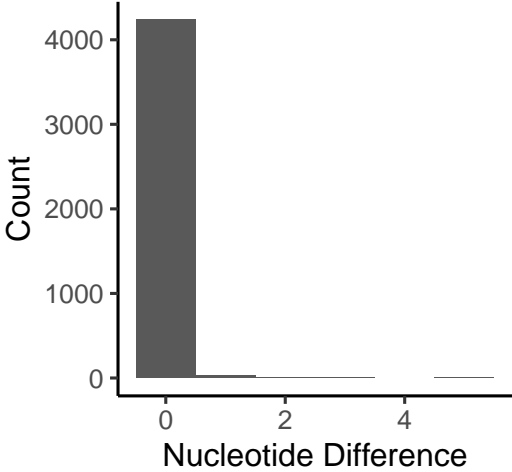
TRBV10-3*ap01

6332 sequences assigned
6249 (98.7%) exact matches, in which:
6113 unique CDR3
13 unique J



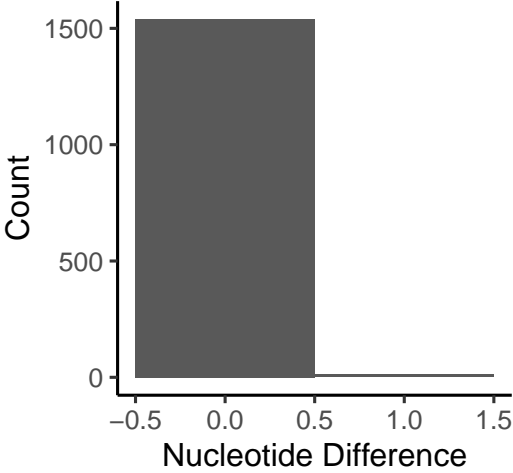
TRBV14*ap01

4267 sequences assigned
4237 (99.3%) exact matches, in which:
4166 unique CDR3
13 unique J



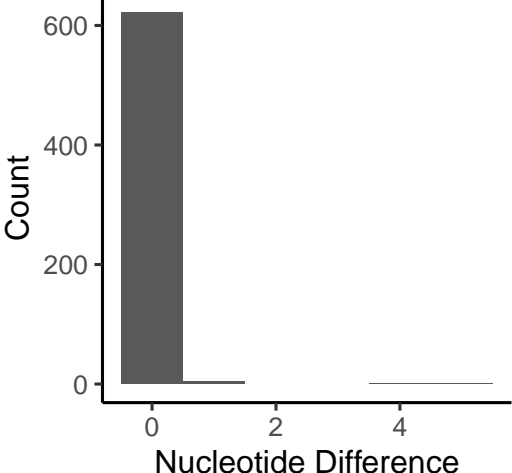
TRBV20-1*ap02

1552 sequences assigned
1540 (99.2%) exact matches, in which:
1504 unique CDR3
13 unique J



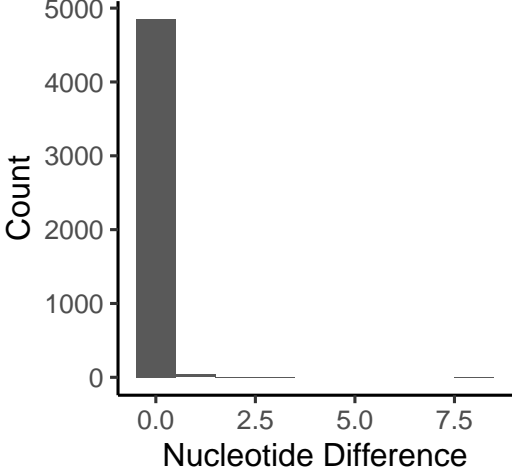
TRBV1*ap01

628 sequences assigned
622 (99%) exact matches, in which:
602 unique CDR3
13 unique J



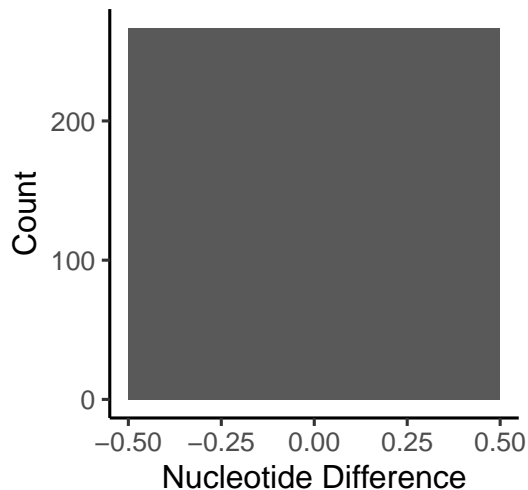
TRBV15*ap02

4894 sequences assigned
4852 (99.1%) exact matches, in which:
4757 unique CDR3
13 unique J



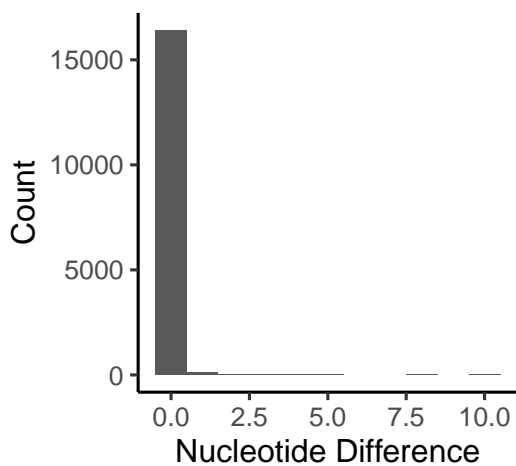
TRBV16*ap01

267 sequences assigned
267 (100%) exact matches, in which:
265 unique CDR3
13 unique J



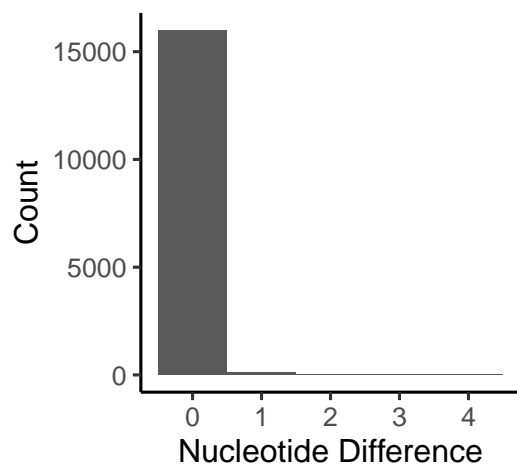
TRBV19*ap01

16564 sequences assigned
16413 (99.1%) exact matches, in which:
16157 unique CDR3
13 unique J



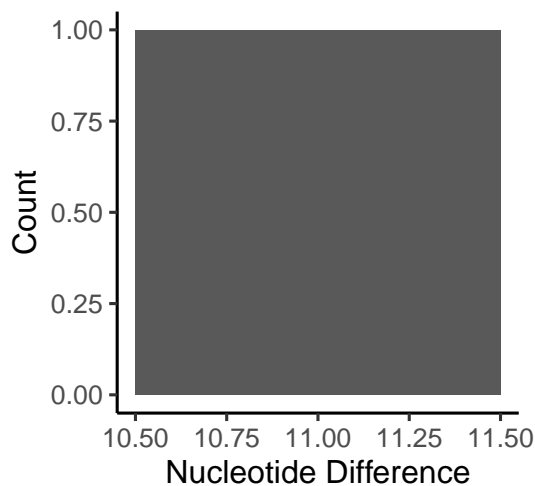
TRBV28*ap01

16131 sequences assigned
15999 (99.2%) exact matches, in which:
15665 unique CDR3
13 unique J



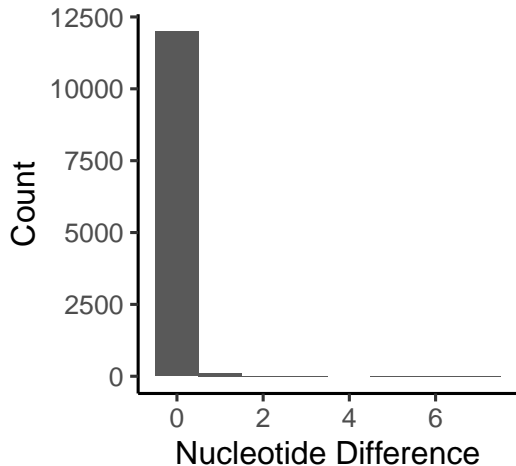
TRBV17*ap01

1 sequences assigned
No exact matches.



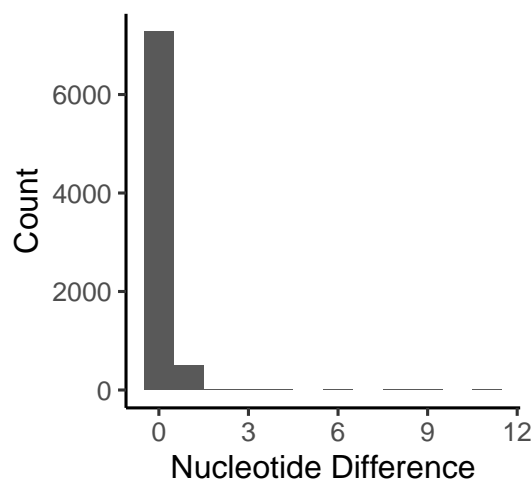
TRBV2*ap01

12118 sequences assigned
11995 (99%) exact matches, in which:
11756 unique CDR3
13 unique J



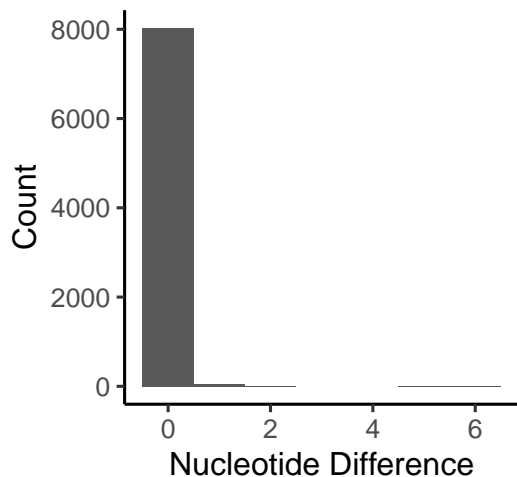
TRBV30*ap01

7786 sequences assigned
7275 (93.4%) exact matches, in which:
7179 unique CDR3
13 unique J



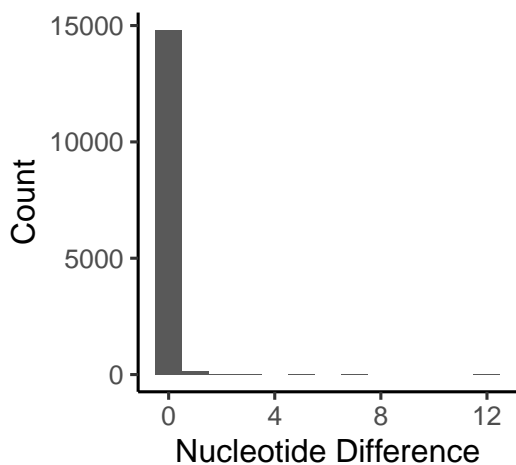
TRBV18*ap01

8088 sequences assigned
8028 (99.3%) exact matches, in which:
7912 unique CDR3
13 unique J



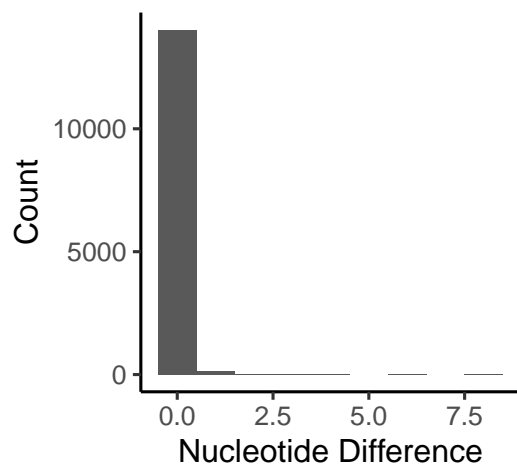
TRBV27*ap01

14996 sequences assigned
14818 (98.8%) exact matches, in which:
14444 unique CDR3
13 unique J



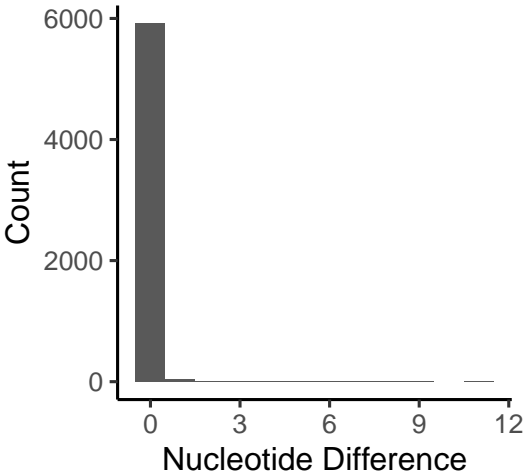
TRBV9*ap01

14185 sequences assigned
14028 (98.9%) exact matches, in which:
13745 unique CDR3
13 unique J



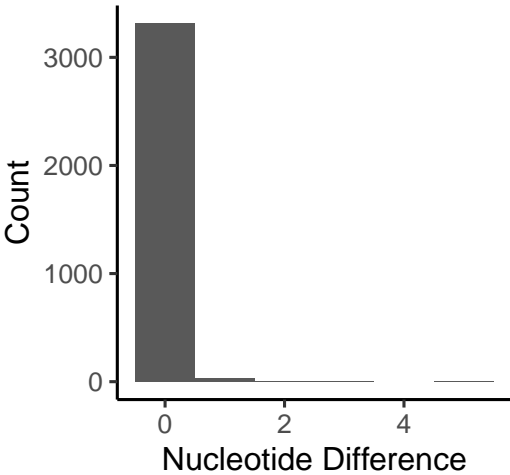
TRBV21-1*ap01

5993 sequences assigned
5918 (98.7%) exact matches, in which:
5785 unique CDR3
14 unique J



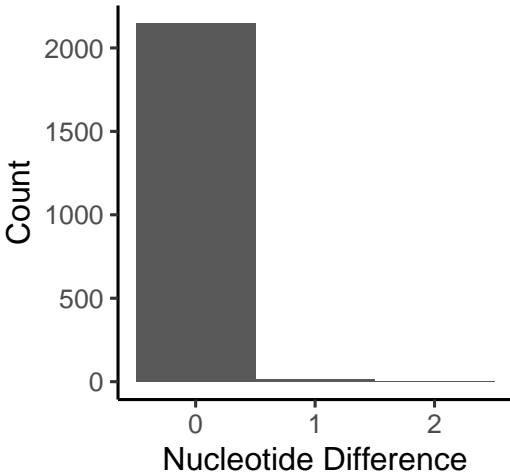
TRBV11-3*ap01

3349 sequences assigned
3314 (99%) exact matches, in which:
3239 unique CDR3
13 unique J



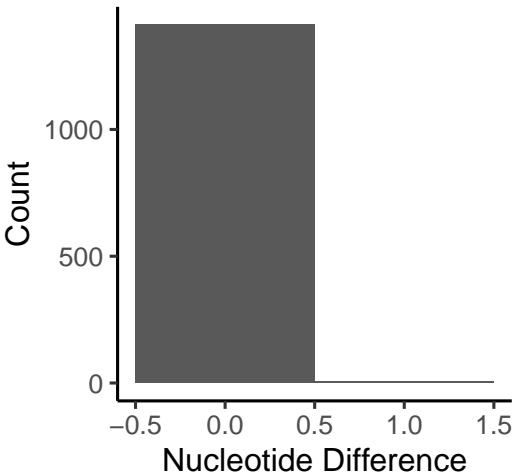
TRBV12-5*ap01

2165 sequences assigned
2147 (99.2%) exact matches, in which:
2110 unique CDR3
13 unique J



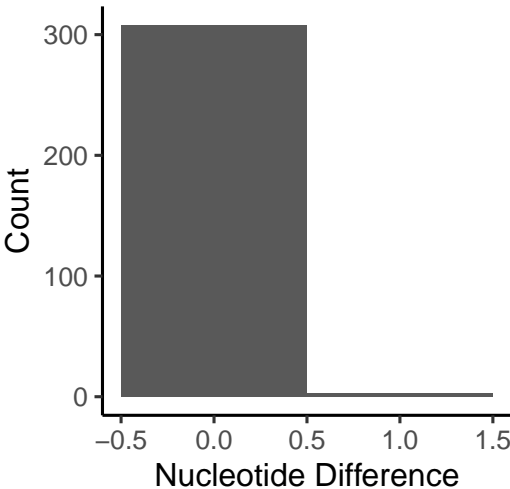
TRBV11-1*ap01

1418 sequences assigned
1413 (99.6%) exact matches, in which:
1378 unique CDR3
13 unique J



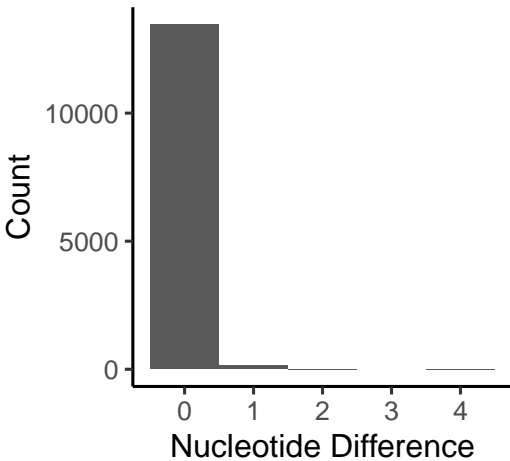
TRBV12-1*ap01

311 sequences assigned
308 (99%) exact matches, in which:
305 unique CDR3
12 unique J



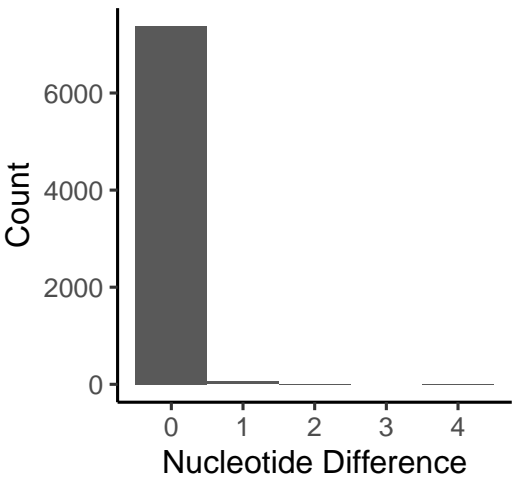
TRBV12-34*ap01

13611 sequences assigned
13463 (98.9%) exact matches, in which:
13202 unique CDR3
13 unique J



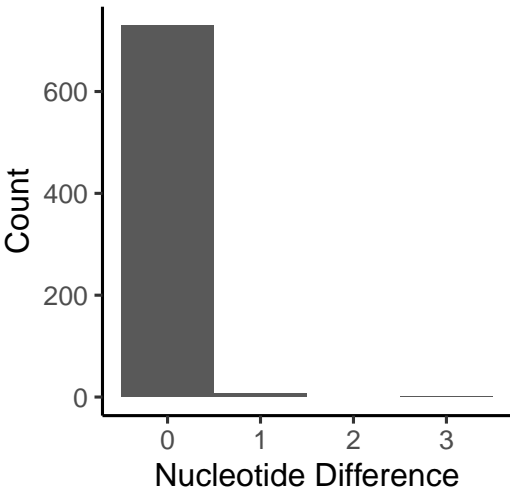
TRBV11-2*ap01

7439 sequences assigned
7379 (99.2%) exact matches, in which:
7191 unique CDR3
13 unique J



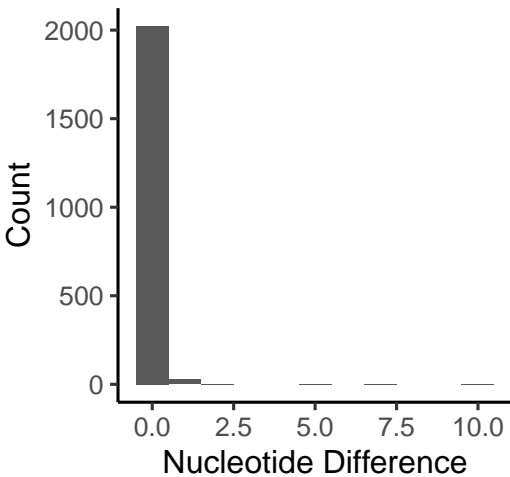
TRBV12-2*ap01

738 sequences assigned
730 (98.9%) exact matches, in which:
716 unique CDR3
13 unique J



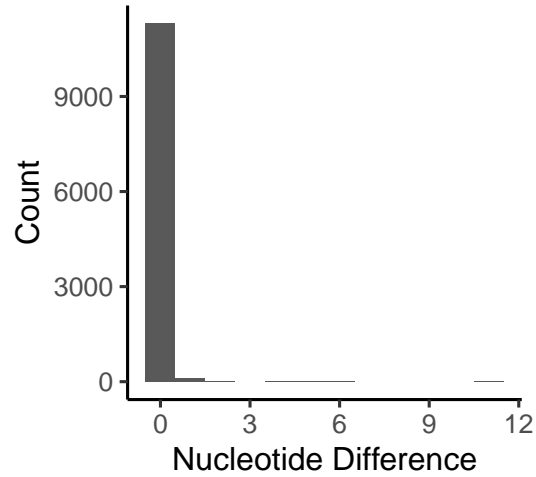
TRBV23-1*ap01

2056 sequences assigned
2023 (98.4%) exact matches, in which:
1979 unique CDR3
13 unique J



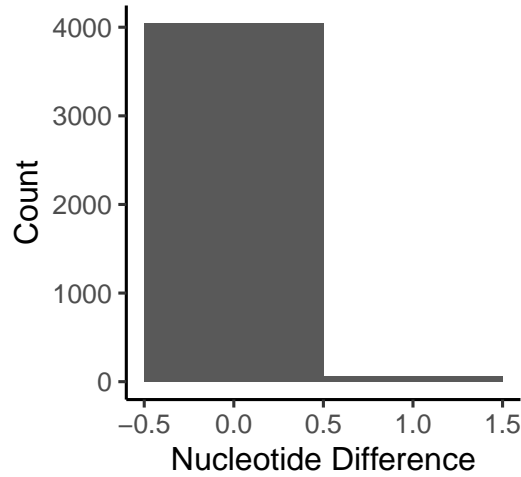
TRBV3-12*ap01

11428 sequences assigned
11306 (98.9%) exact matches, in which:
11035 unique CDR3
13 unique J



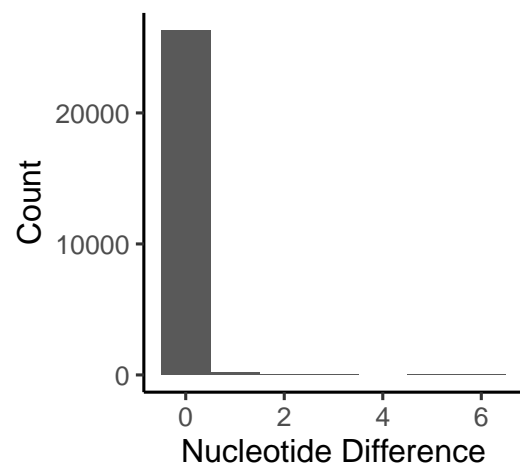
TRBV4-2*ap01

4106 sequences assigned
4043 (98.5%) exact matches, in which:
3966 unique CDR3
13 unique J



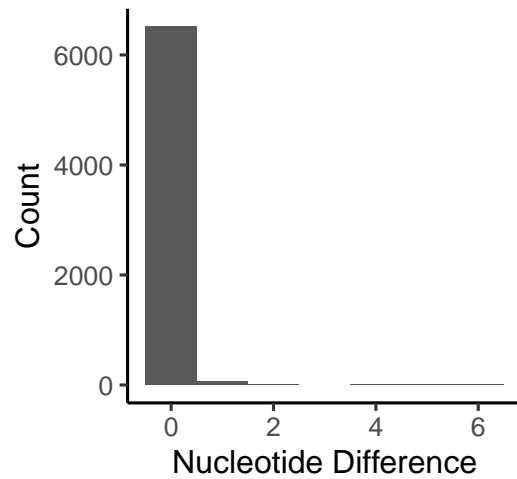
TRBV5-1*ap01

26560 sequences assigned
26320 (99.1%) exact matches, in which:
25726 unique CDR3
13 unique J



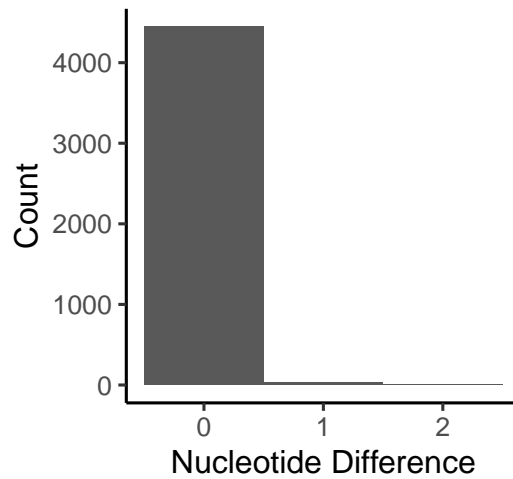
TRBV24-1*ap01

6585 sequences assigned
6513 (98.9%) exact matches, in which:
6412 unique CDR3
13 unique J



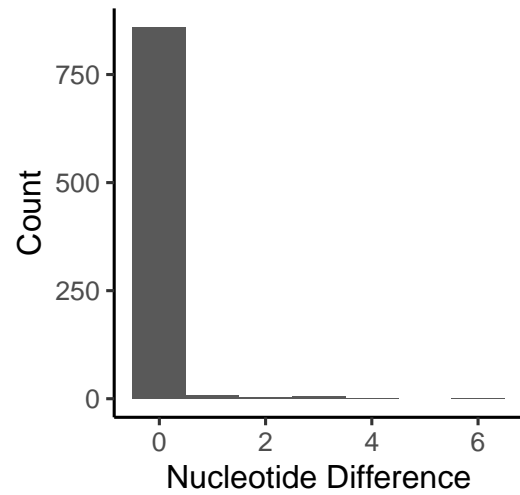
TRBV4-3*ap01

4483 sequences assigned
4446 (99.2%) exact matches, in which:
4350 unique CDR3
13 unique J



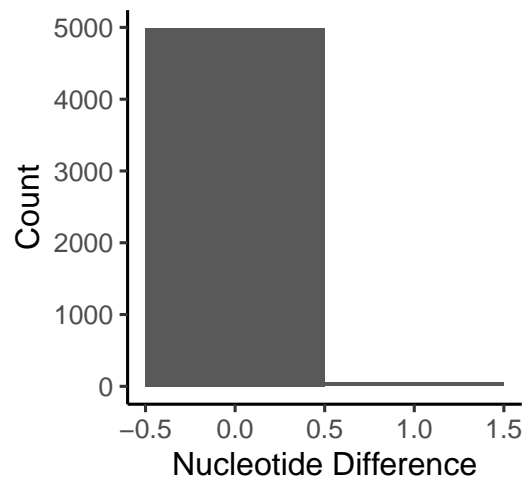
TRBV5-3*ap01

878 sequences assigned
860 (97.9%) exact matches, in which:
845 unique CDR3
13 unique J



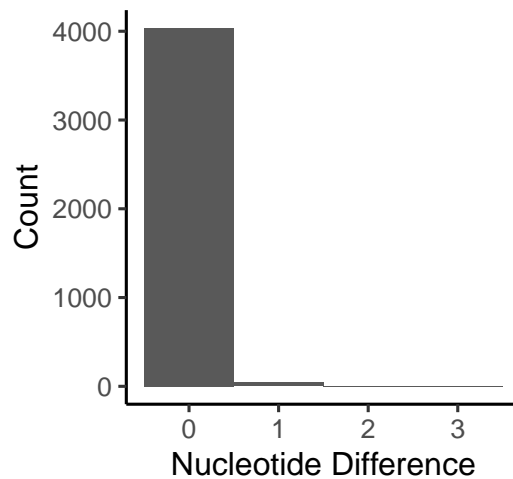
TRBV4-1*ap01

5044 sequences assigned
4991 (98.9%) exact matches, in which:
4897 unique CDR3
13 unique J



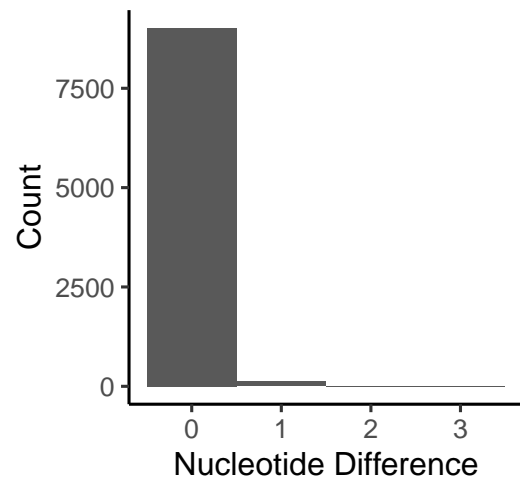
TRBV25-1*ap01

4090 sequences assigned
4036 (98.7%) exact matches, in which:
3949 unique CDR3
13 unique J



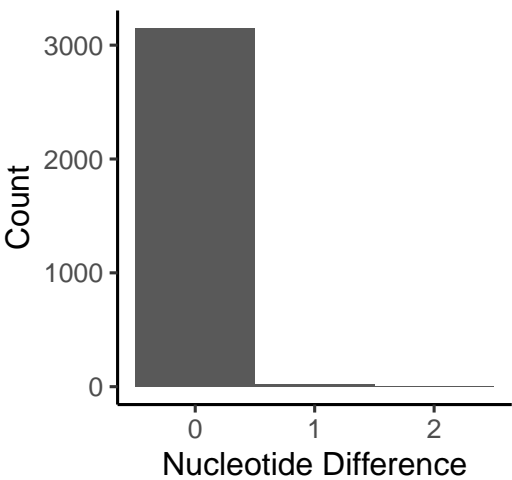
TRBV5-4*ap01

9138 sequences assigned
9016 (98.7%) exact matches, in which:
8799 unique CDR3
13 unique J



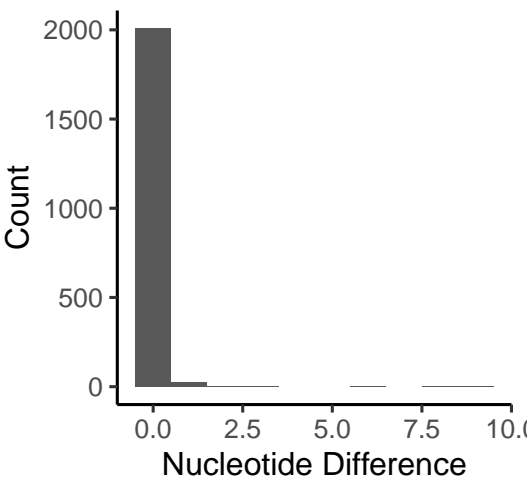
TRBV5-5*ap01

3173 sequences assigned
3147 (99.2%) exact matches, in which:
3123 unique CDR3
13 unique J



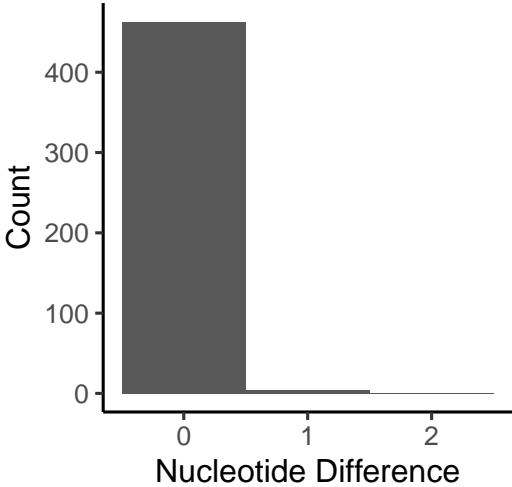
TRBV5-8*ap01

2040 sequences assigned
2008 (98.4%) exact matches, in which:
1973 unique CDR3
13 unique J



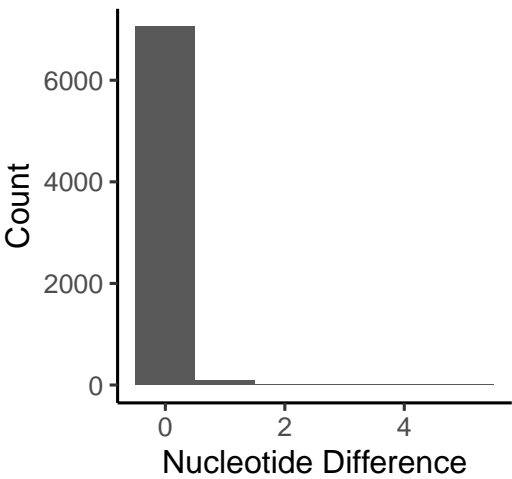
TRBV6-7*ap01

468 sequences assigned
463 (98.9%) exact matches, in which:
449 unique CDR3
13 unique J



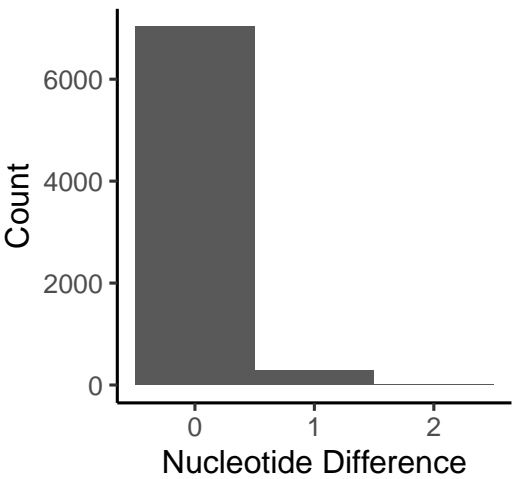
TRBV5-6*ap01

7144 sequences assigned
7054 (98.7%) exact matches, in which:
6864 unique CDR3
13 unique J



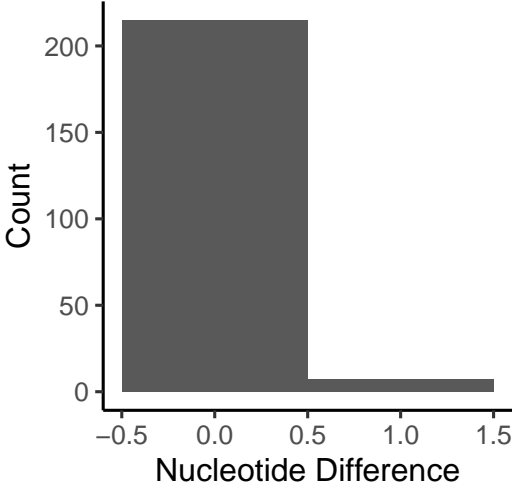
TRBV6-1*ap01

7322 sequences assigned
7030 (96%) exact matches, in which:
6878 unique CDR3
13 unique J



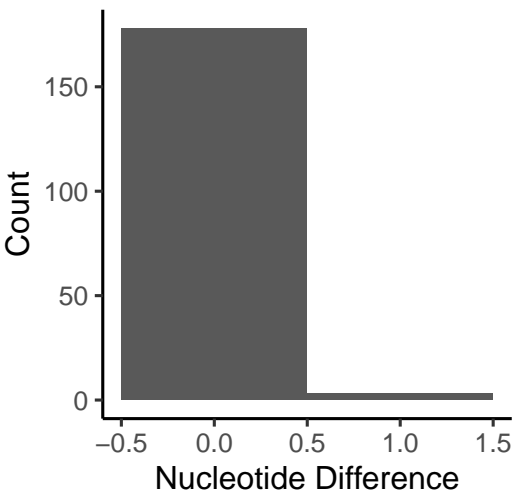
TRBV6-8*ap01

222 sequences assigned
215 (96.8%) exact matches, in which:
210 unique CDR3
13 unique J



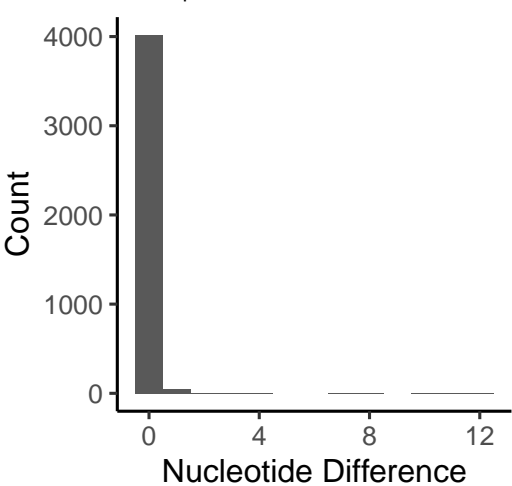
TRBV5-7*ap01

181 sequences assigned
178 (98.3%) exact matches, in which:
172 unique CDR3
13 unique J



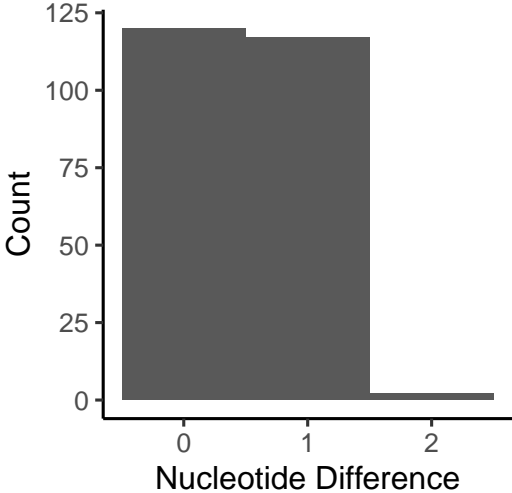
TRBV6-4*ap01

4081 sequences assigned
4017 (98.4%) exact matches, in which:
3949 unique CDR3
13 unique J



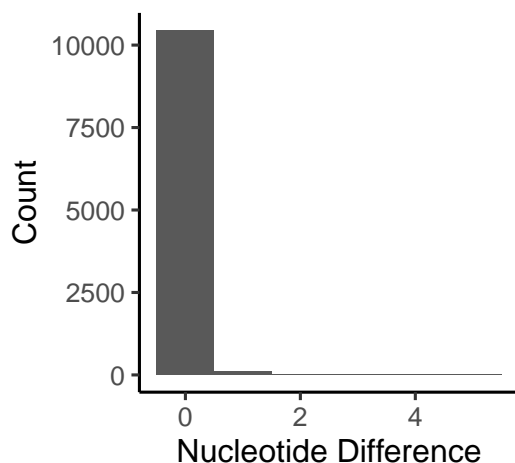
TRBV6-9*ap01

239 sequences assigned
120 (50.2%) exact matches, in which:
116 unique CDR3
12 unique J



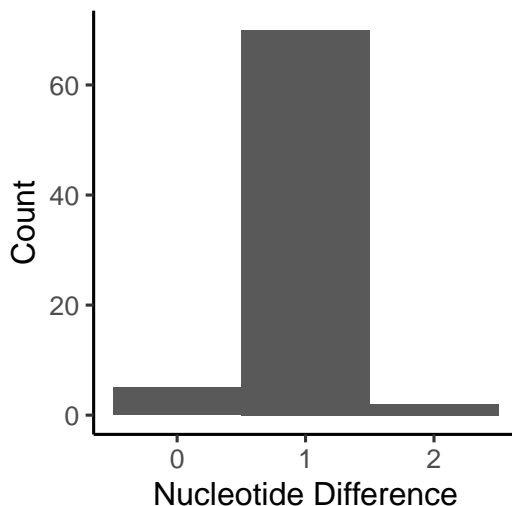
TRBV6-23*ap01

10561 sequences assigned
10453 (99%) exact matches, in which:
10183 unique CDR3
13 unique J



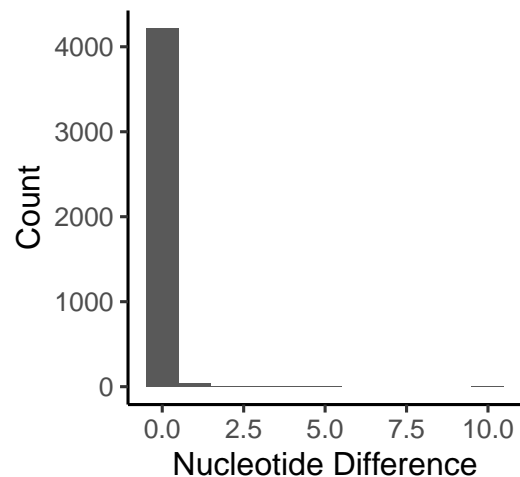
TRBV7-1*ap01_T296C

77 sequences assigned
5 (6.5%) exact matches, in which:
5 unique CDR3
5 unique J



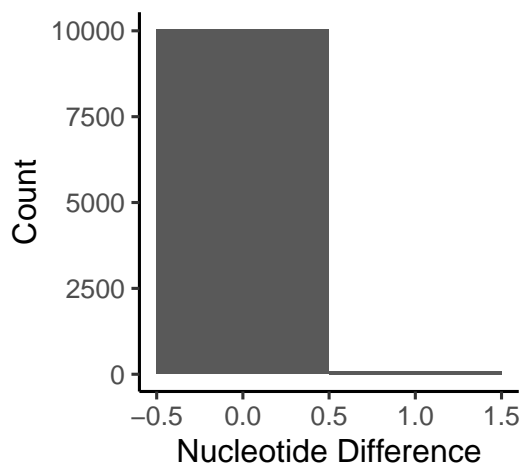
TRBV7-3*ap01

4266 sequences assigned
4216 (98.8%) exact matches, in which:
4141 unique CDR3
13 unique J



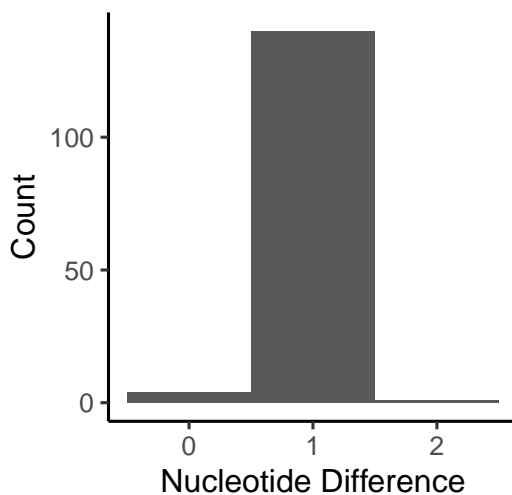
TRBV6-56*ap01

10140 sequences assigned
10039 (99%) exact matches, in which:
9813 unique CDR3
13 unique J



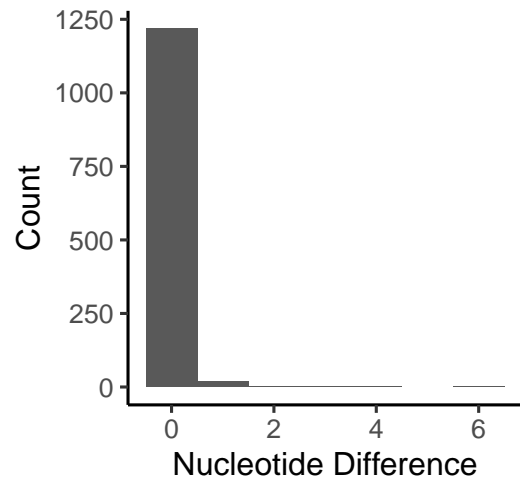
TRBV7-1*ap01_T296C_()

145 sequences assigned
4 (2.8%) exact matches, in which:
4 unique CDR3
2 unique J



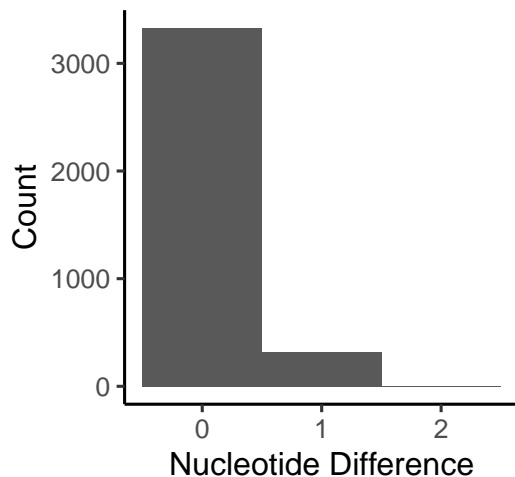
TRBV7-3*ap03

1241 sequences assigned
1218 (98.1%) exact matches, in which:
1199 unique CDR3
13 unique J



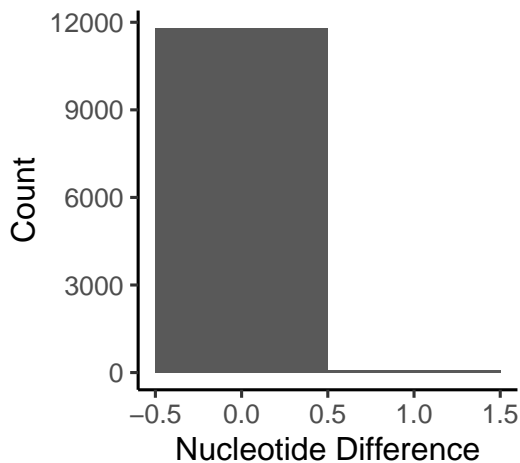
TRBV6-56*ap02

3649 sequences assigned
3328 (91.2%) exact matches, in which:
3223 unique CDR3
13 unique J



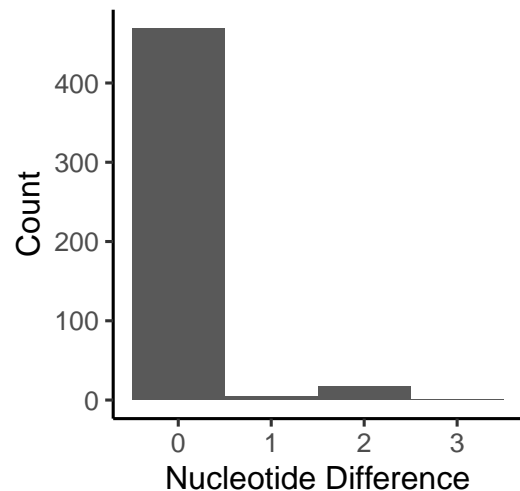
TRBV7-2*ap01

11902 sequences assigned
11811 (99.2%) exact matches, in which:
11554 unique CDR3
13 unique J



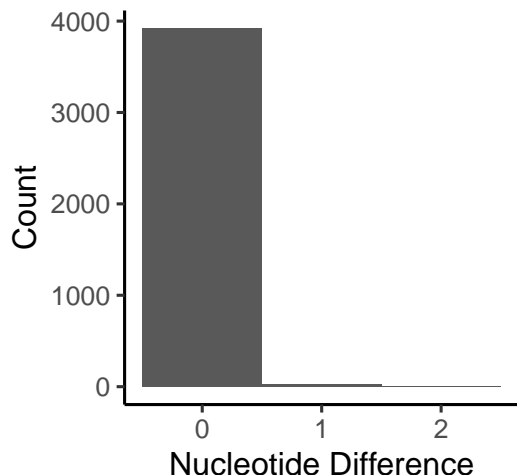
TRBV7-4*ap01

492 sequences assigned
469 (95.3%) exact matches, in which:
462 unique CDR3
13 unique J



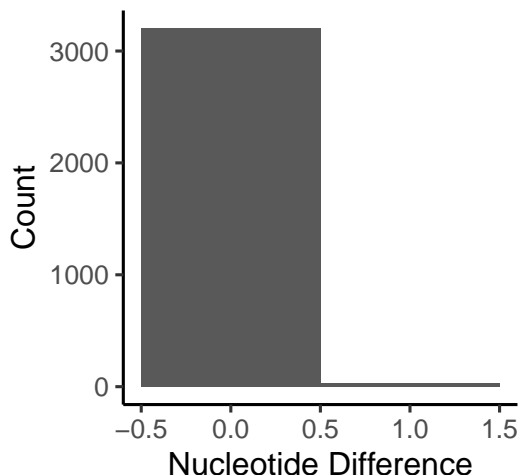
TRBV7-6*ap01

3944 sequences assigned
3920 (99.4%) exact matches, in which:
3821 unique CDR3
13 unique J



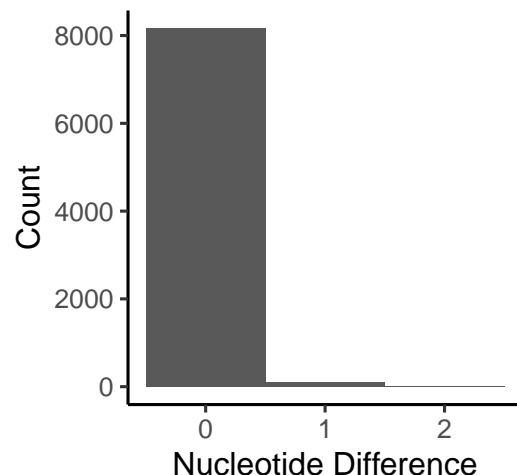
TRBV7-8*ap01

3230 sequences assigned
3202 (99.1%) exact matches, in which:
3132 unique CDR3
13 unique J



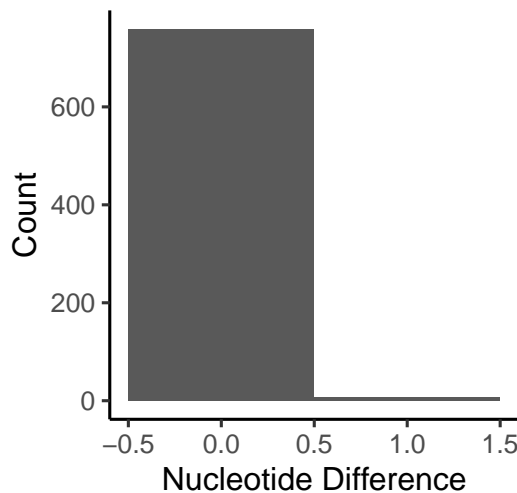
TRBV29-1*ap01

8262 sequences assigned
8163 (98.8%) exact matches, in which:
8021 unique CDR3
13 unique J



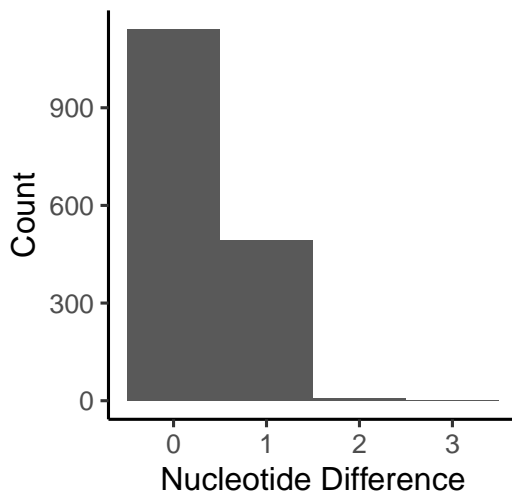
TRBV7-7*ap01

766 sequences assigned
759 (99.1%) exact matches, in which:
748 unique CDR3
13 unique J



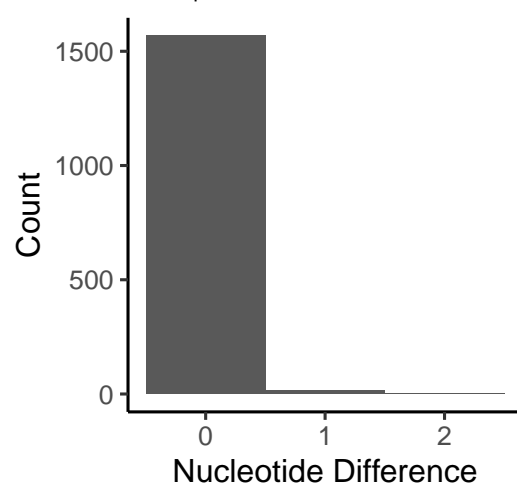
TRBV7-8*ap03

1644 sequences assigned
1142 (69.5%) exact matches, in which:
1121 unique CDR3
13 unique J



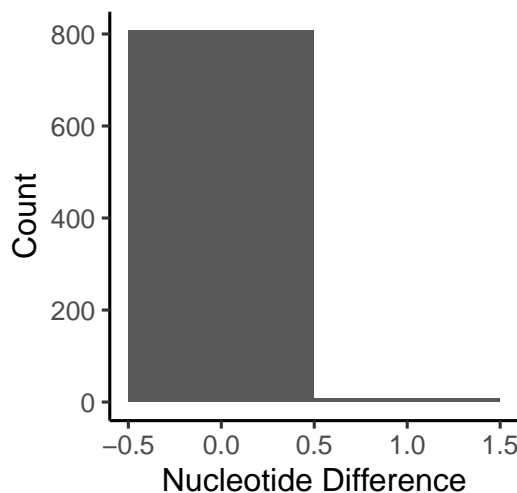
TRBV29-1*ap02

1583 sequences assigned
1568 (99.1%) exact matches, in which:
1533 unique CDR3
13 unique J



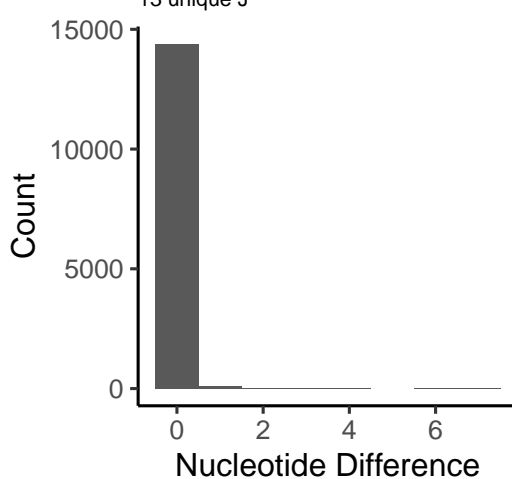
TRBV7-7*ap01_C315T

816 sequences assigned
808 (99%) exact matches, in which:
786 unique CDR3
13 unique J

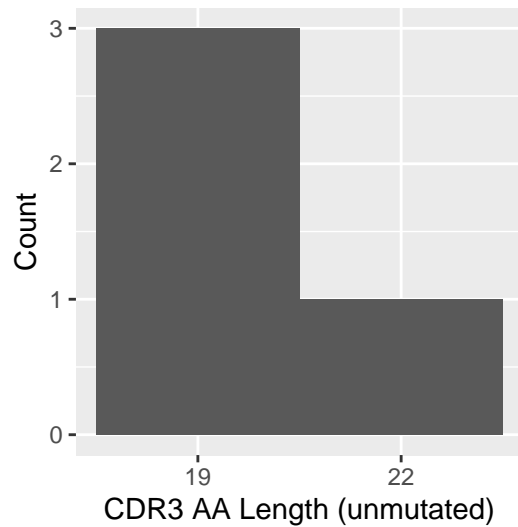


TRBV7-9*ap01

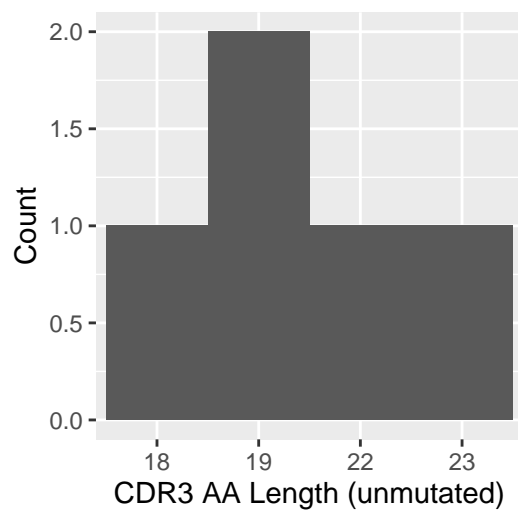
14506 sequences assigned
14396 (99.2%) exact matches, in which:
14145 unique CDR3
13 unique J



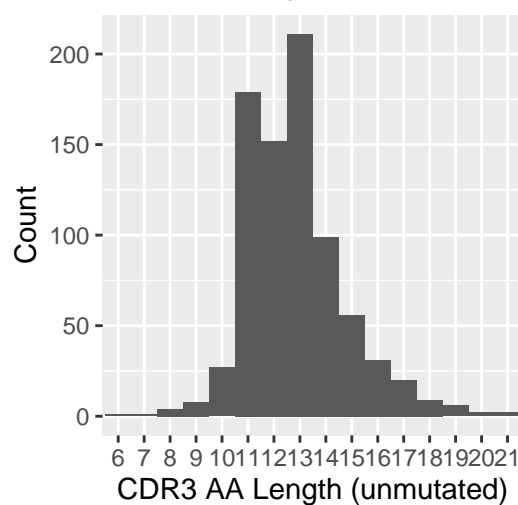
TRBV7-1*ap01_T296C_C314T



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





[illegible]