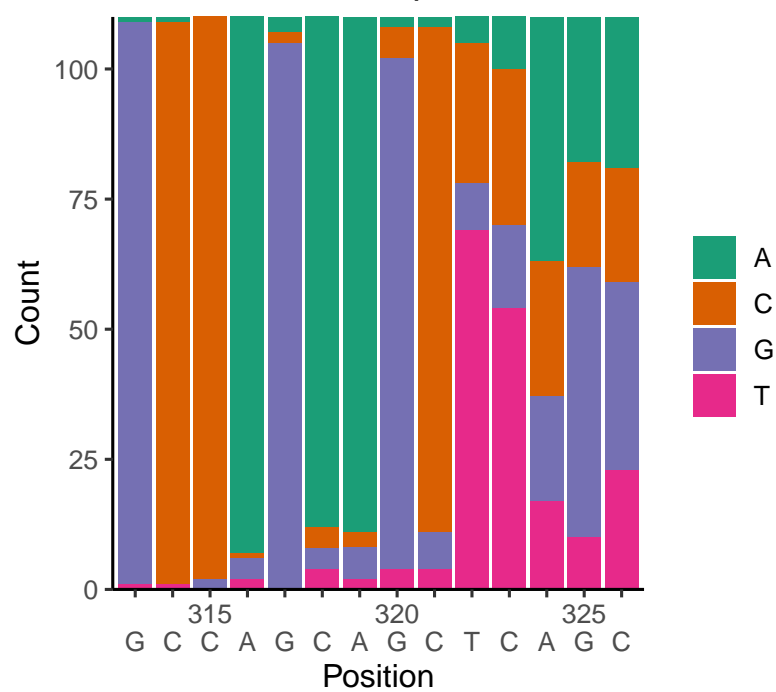
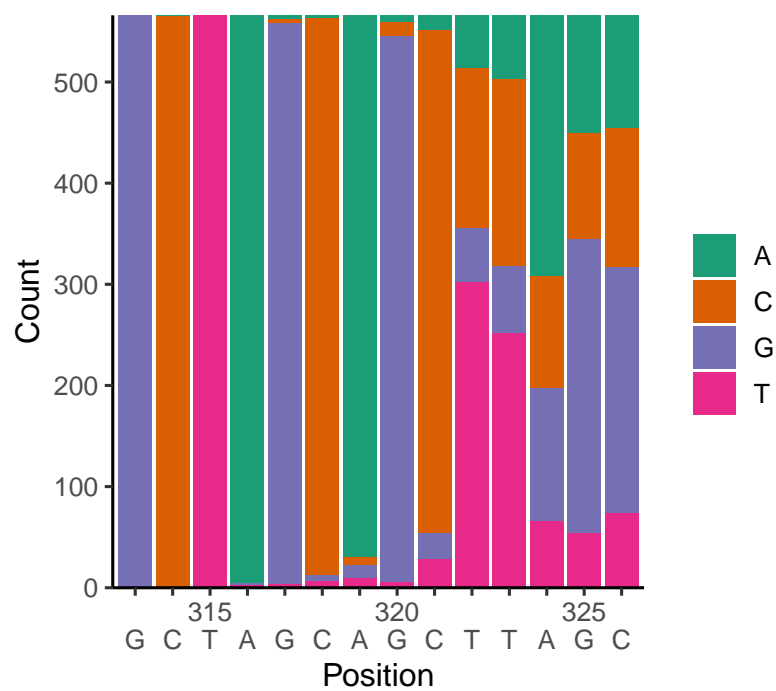


Gene TRBV7-1*ap01_G291C_T296C



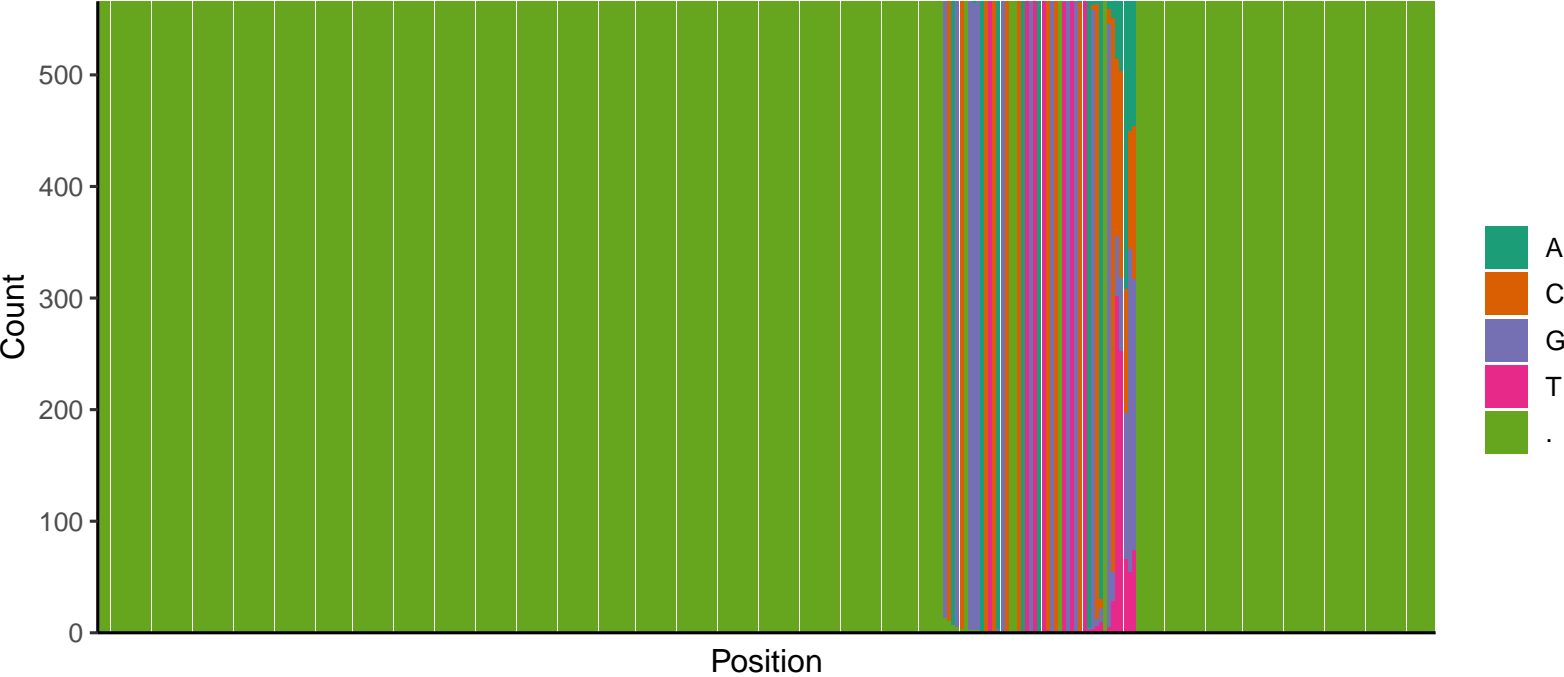
Gene TRBV7-7*ap01_C315T



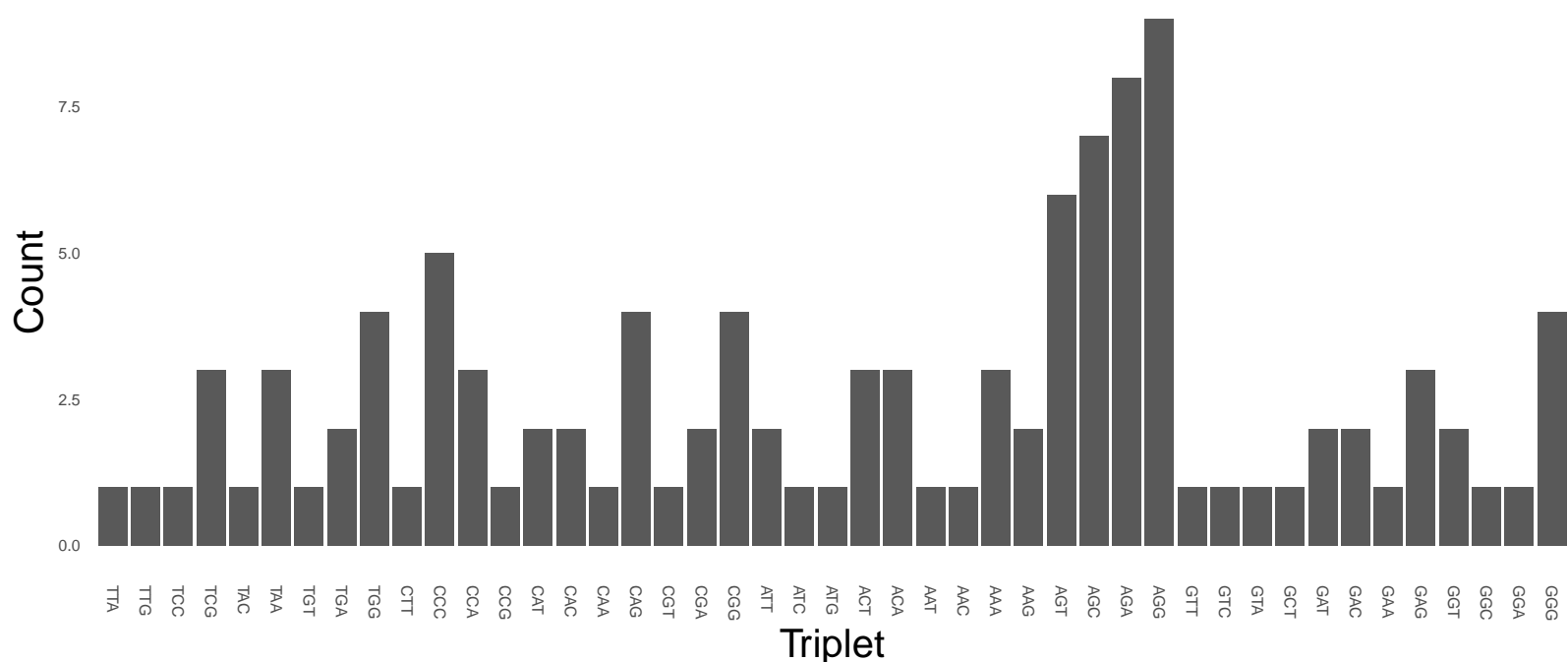
Gene TRBV7-1*ap01_G291C_T296C



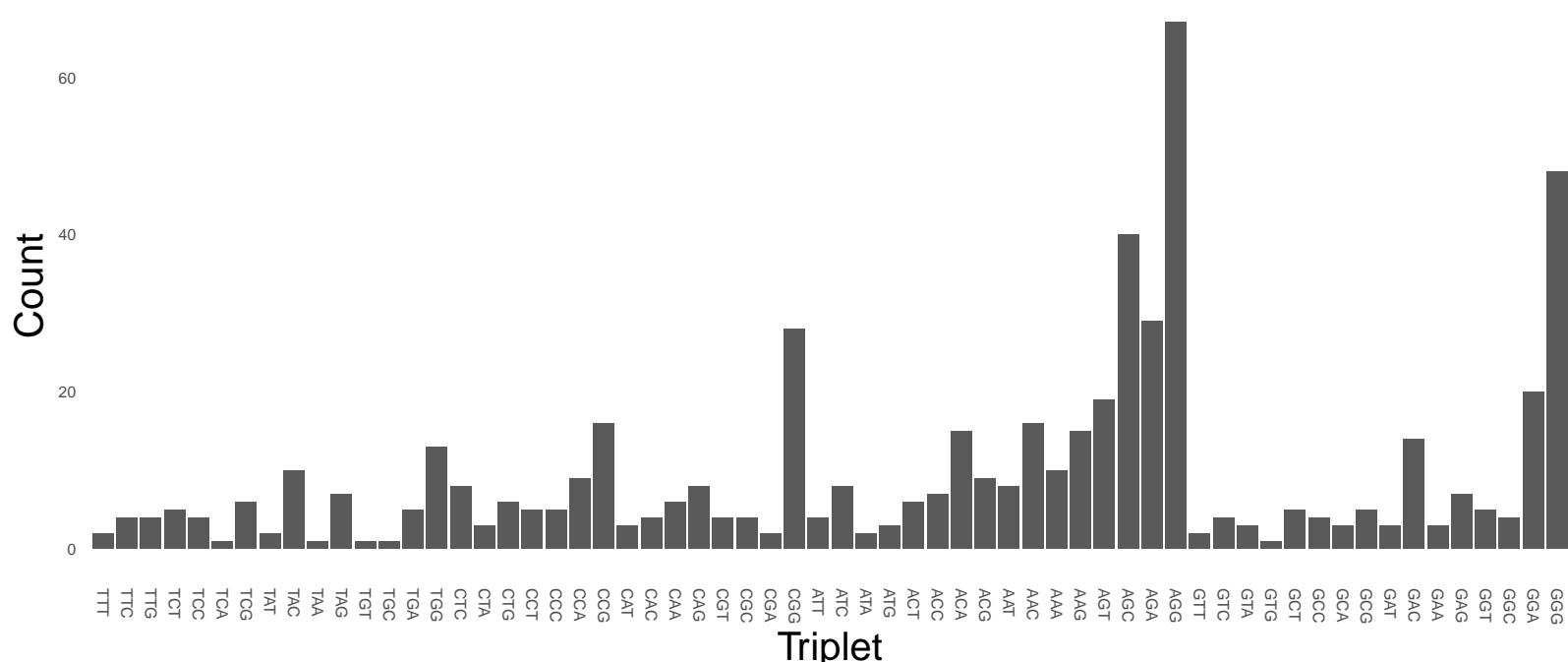
Gene TRBV7-7*ap01_C315T



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

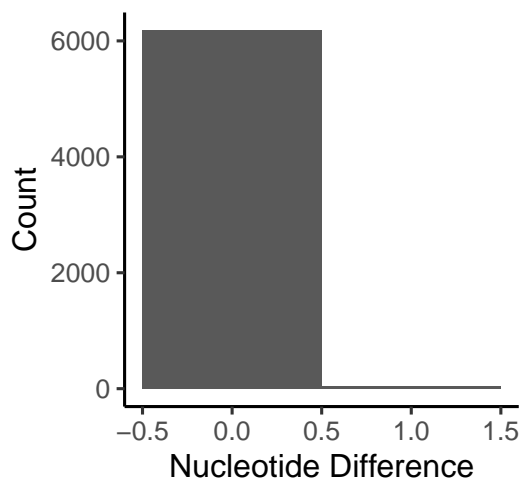


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



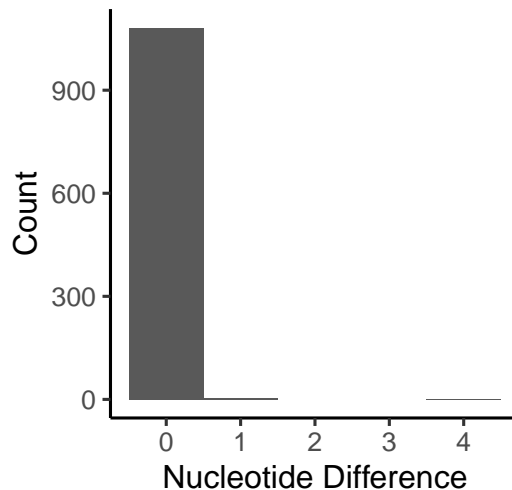
TRBV20-1*ap01

6220 sequences assigned
6181 (99.4%) exact matches, in which:
6151 unique CDR3
13 unique J



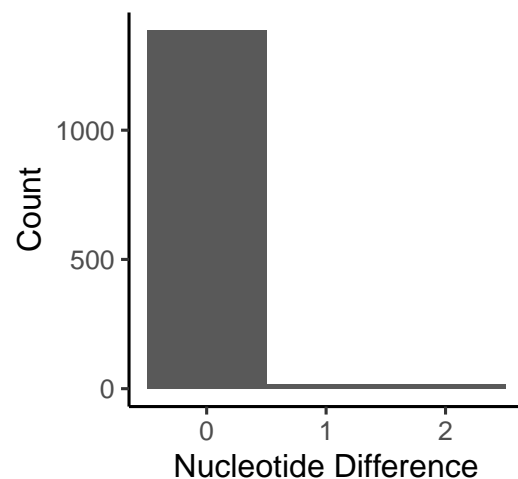
TRBV10-2*ap01

1087 sequences assigned
1082 (99.5%) exact matches, in which:
1080 unique CDR3
13 unique J



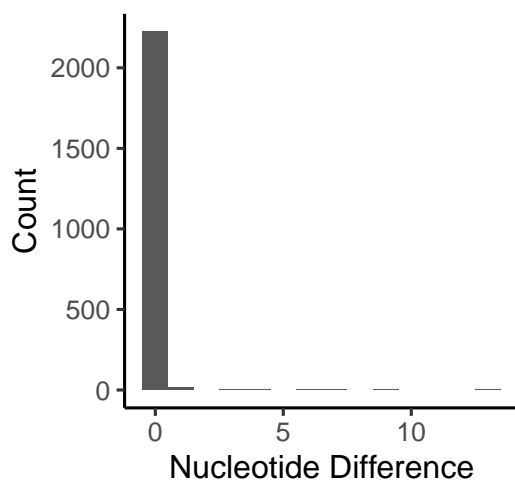
TRBV13*ap01

1420 sequences assigned
1386 (97.6%) exact matches, in which:
1372 unique CDR3
13 unique J



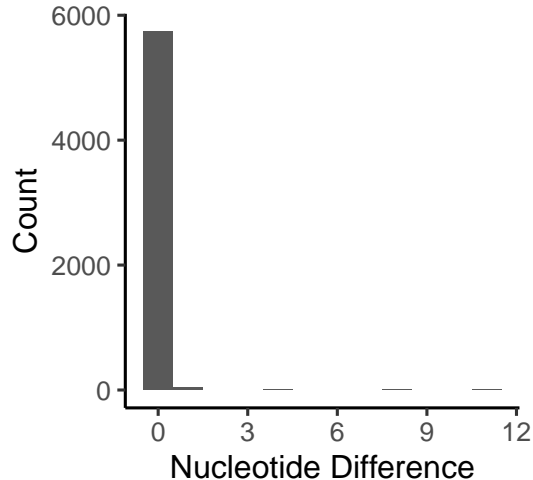
TRBV10-1*ap01

2248 sequences assigned
2224 (98.9%) exact matches, in which:
2213 unique CDR3
13 unique J



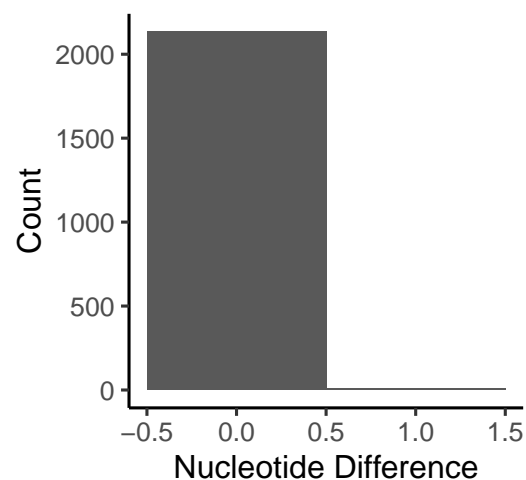
TRBV10-3*ap01

5775 sequences assigned
5736 (99.3%) exact matches, in which:
5706 unique CDR3
13 unique J



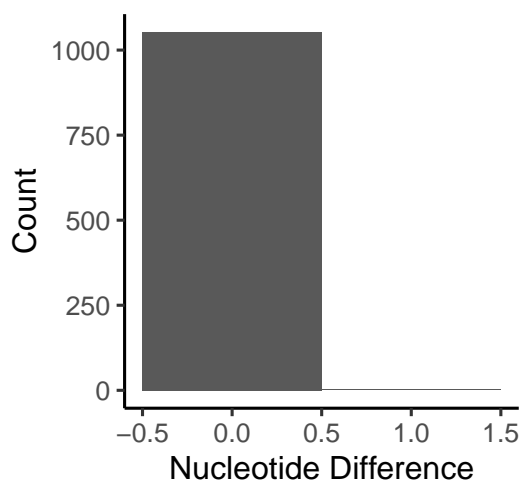
TRBV14*ap01

2141 sequences assigned
2134 (99.7%) exact matches, in which:
2125 unique CDR3
13 unique J



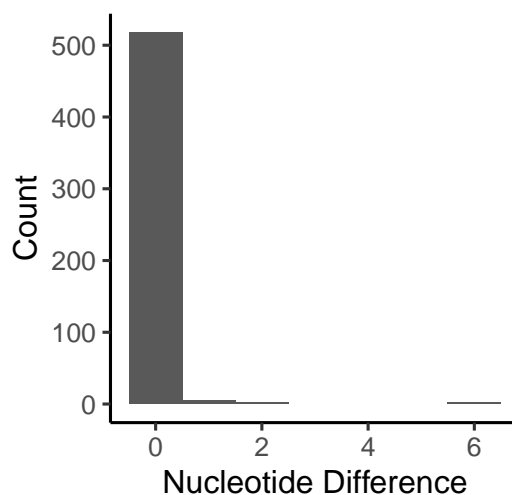
TRBV20-1*ap02

1055 sequences assigned
1053 (99.8%) exact matches, in which:
1046 unique CDR3
13 unique J



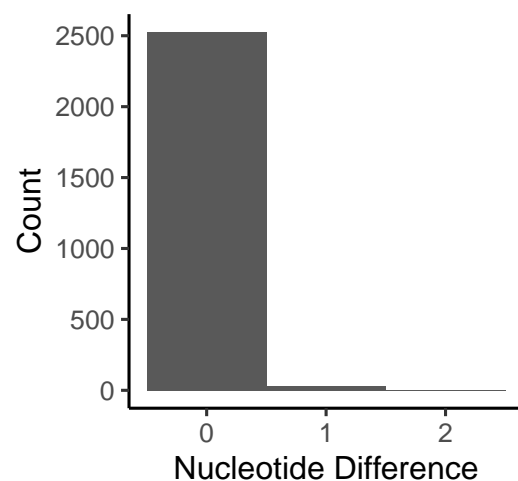
TRBV1*ap01

527 sequences assigned
518 (98.3%) exact matches, in which:
512 unique CDR3
13 unique J



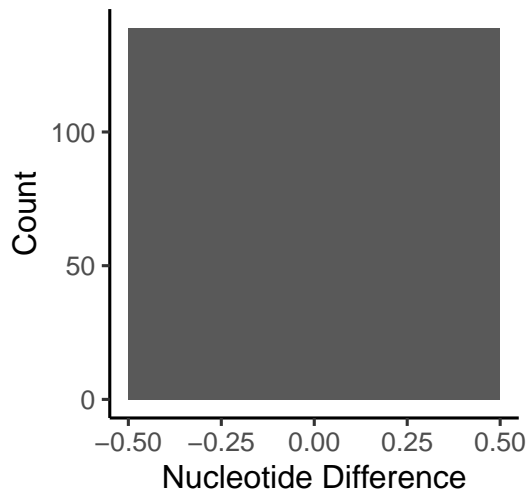
TRBV15*ap02

2560 sequences assigned
2526 (98.7%) exact matches, in which:
2504 unique CDR3
13 unique J



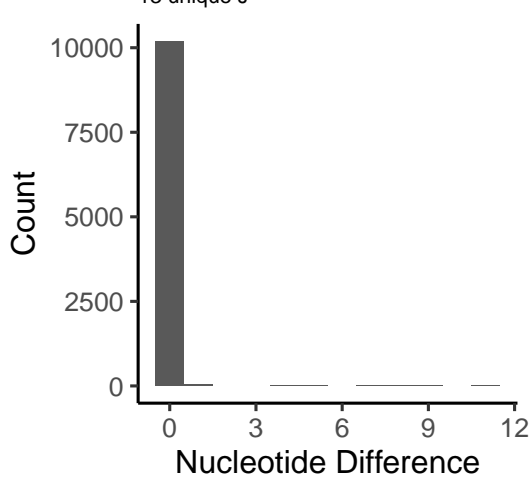
TRBV16*ap01

139 sequences assigned
139 (100%) exact matches, in which:
139 unique CDR3
13 unique J



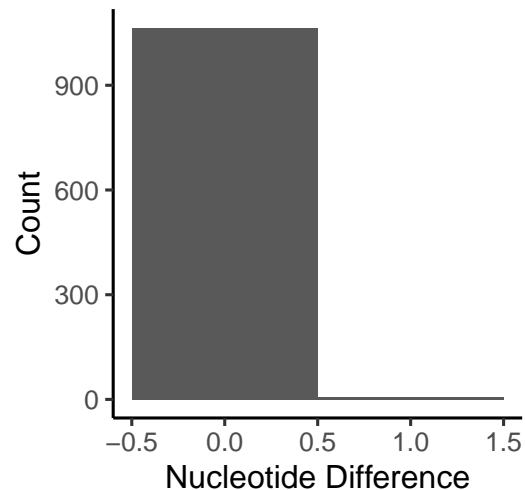
TRBV19*ap01

10253 sequences assigned
10194 (99.4%) exact matches, in which:
10163 unique CDR3
13 unique J



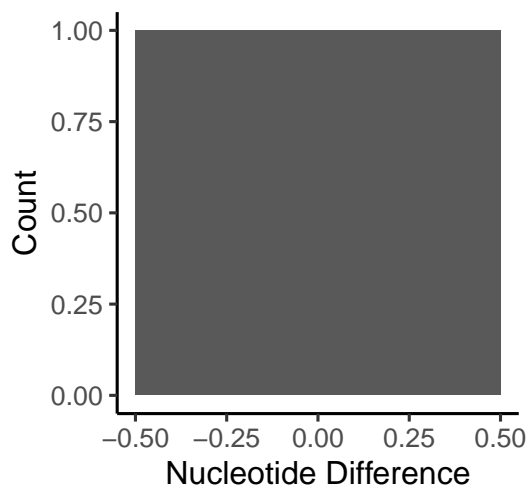
TRBV28*ap01

1071 sequences assigned
1065 (99.4%) exact matches, in which:
1054 unique CDR3
13 unique J



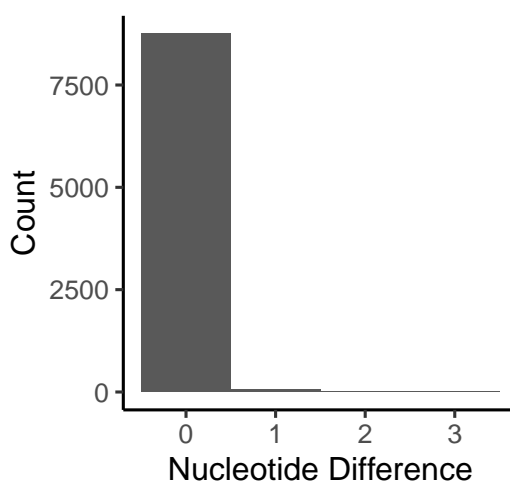
TRBV17*ap01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



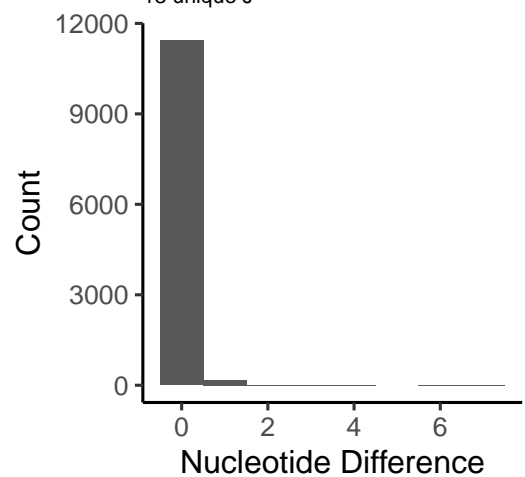
TRBV2*ap01

8811 sequences assigned
8753 (99.3%) exact matches, in which:
8704 unique CDR3
13 unique J



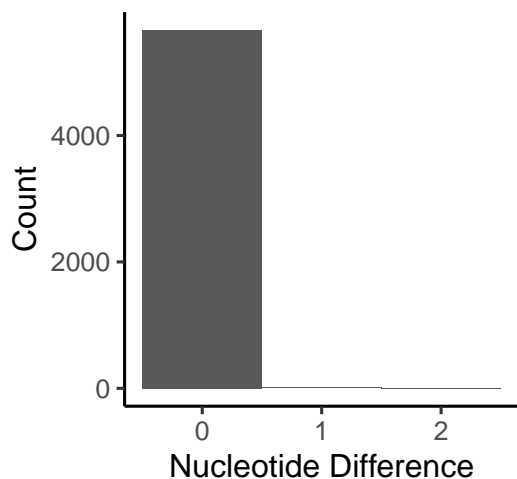
TRBV30*ap01

11621 sequences assigned
11434 (98.4%) exact matches, in which:
11269 unique CDR3
13 unique J



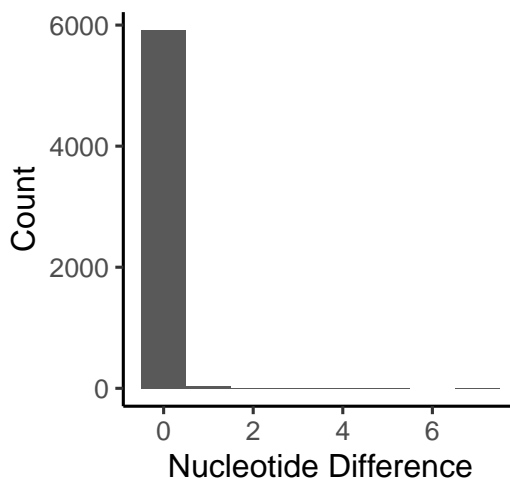
TRBV18*ap01

5684 sequences assigned
5669 (99.7%) exact matches, in which:
5650 unique CDR3
13 unique J



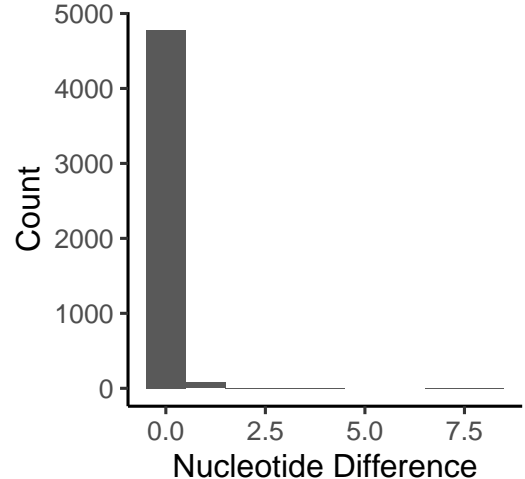
TRBV27*ap01

5966 sequences assigned
5918 (99.2%) exact matches, in which:
5892 unique CDR3
13 unique J



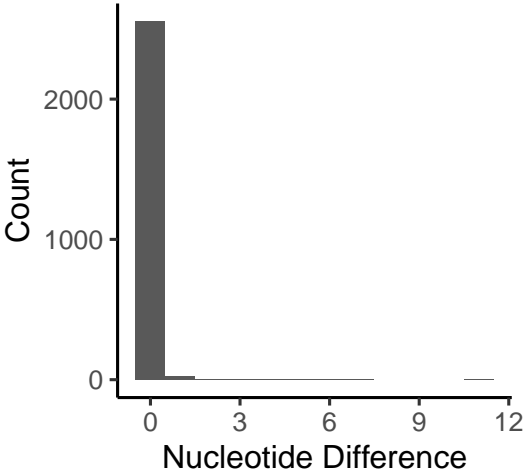
TRBV9*ap01

4869 sequences assigned
4779 (98.2%) exact matches, in which:
4753 unique CDR3
13 unique J



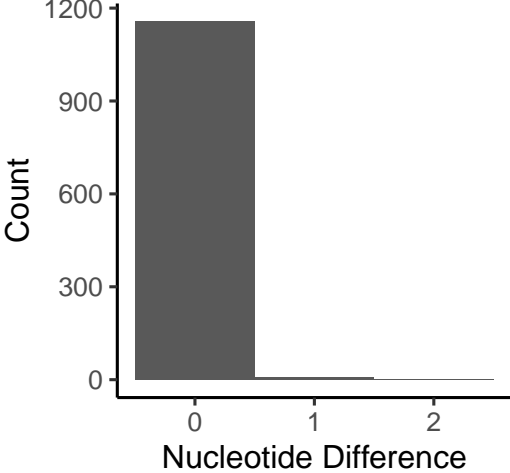
TRBV21-1*ap01

2592 sequences assigned
2554 (98.5%) exact matches, in which:
2547 unique CDR3
13 unique J



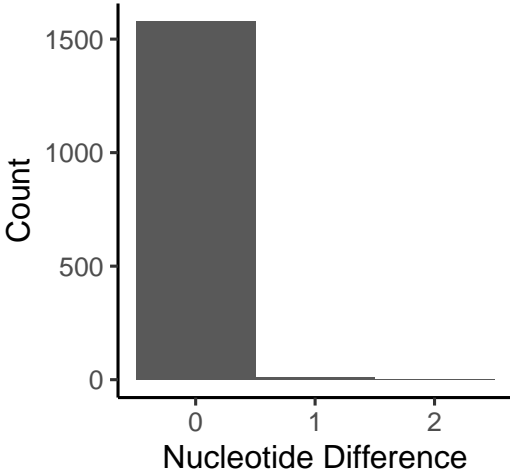
TRBV11-3*ap01

1166 sequences assigned
1157 (99.2%) exact matches, in which:
1154 unique CDR3
13 unique J



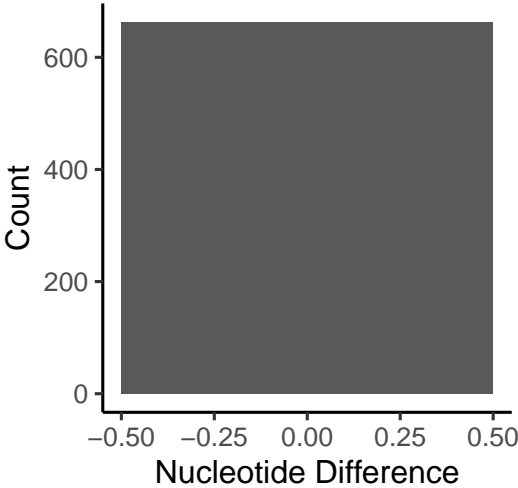
TRBV12-5*ap01

1589 sequences assigned
1578 (99.3%) exact matches, in which:
1567 unique CDR3
13 unique J



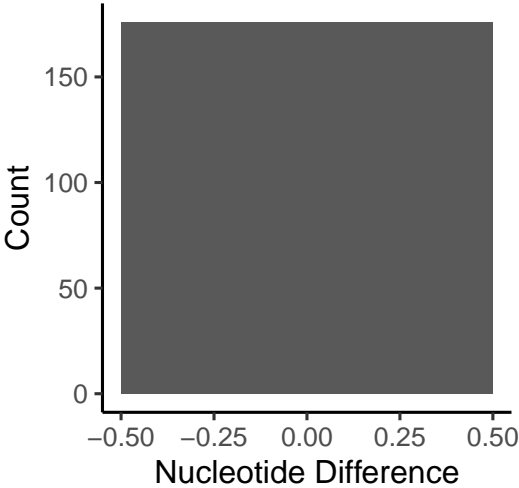
TRBV11-1*ap01

663 sequences assigned
663 (100%) exact matches, in which:
659 unique CDR3
13 unique J



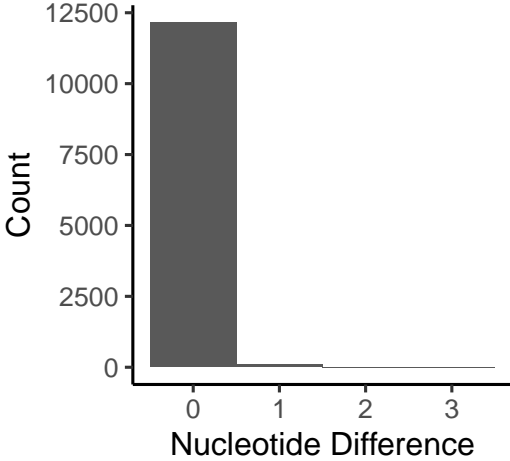
TRBV12-1*ap01

176 sequences assigned
176 (100%) exact matches, in which:
175 unique CDR3
12 unique J



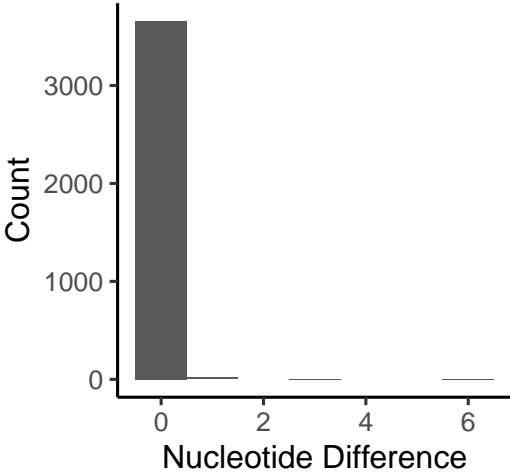
TRBV12-34*ap01

12254 sequences assigned
12157 (99.2%) exact matches, in which:
12079 unique CDR3
13 unique J



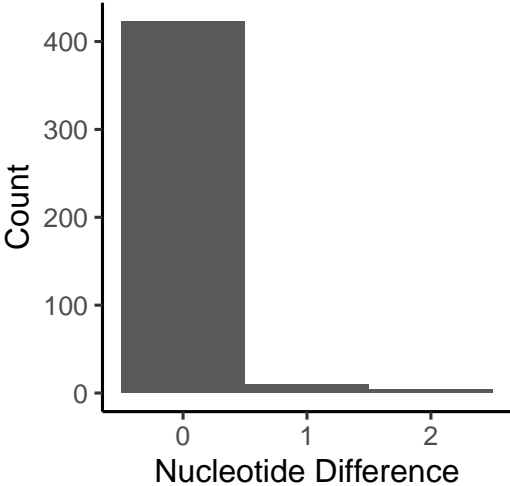
TRBV11-2*ap01

3678 sequences assigned
3658 (99.5%) exact matches, in which:
3643 unique CDR3
13 unique J



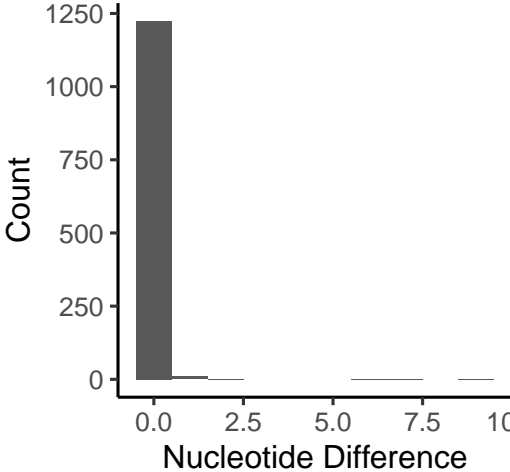
TRBV12-2*ap01

437 sequences assigned
423 (96.8%) exact matches, in which:
421 unique CDR3
13 unique J



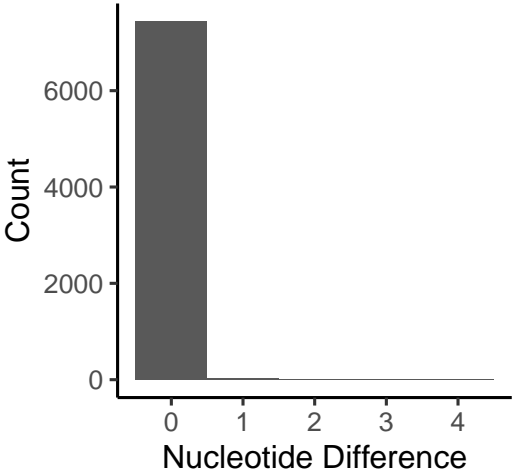
TRBV23-1*ap01

1238 sequences assigned
1224 (98.9%) exact matches, in which:
1219 unique CDR3
13 unique J



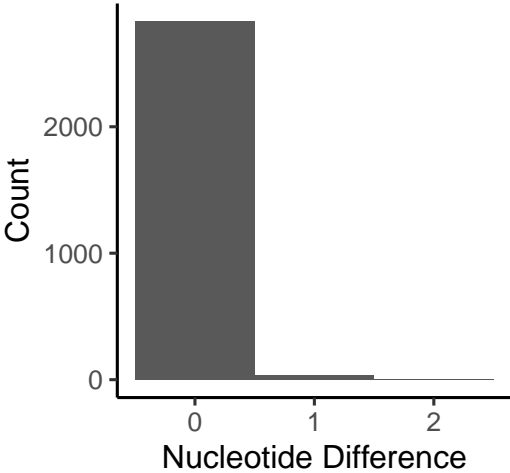
TRBV3-12*ap01

7471 sequences assigned
7438 (99.6%) exact matches, in which:
7419 unique CDR3
13 unique J



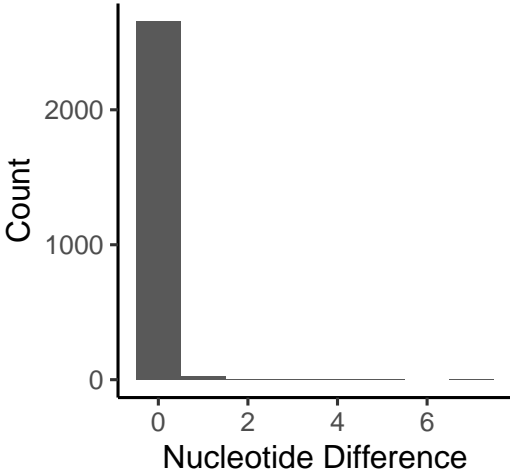
TRBV4-2*ap01

2869 sequences assigned
2833 (98.7%) exact matches, in which:
2816 unique CDR3
13 unique J



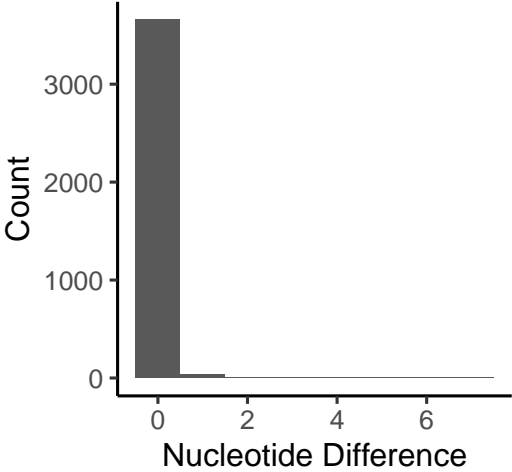
TRBV25-1*ap01

2689 sequences assigned
2655 (98.7%) exact matches, in which:
2620 unique CDR3
13 unique J



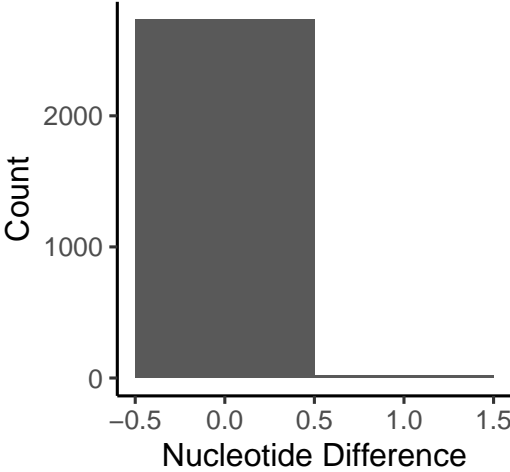
TRBV24-1*ap01

3709 sequences assigned
3658 (98.6%) exact matches, in which:
3623 unique CDR3
13 unique J



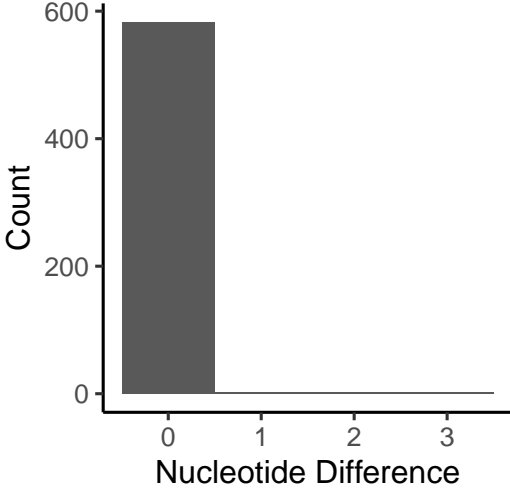
TRBV4-3*ap01

2750 sequences assigned
2733 (99.4%) exact matches, in which:
2712 unique CDR3
13 unique J



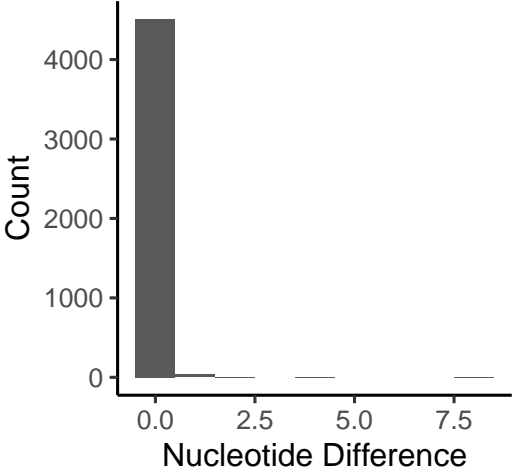
TRBV5-3*ap01

591 sequences assigned
583 (98.6%) exact matches, in which:
574 unique CDR3
13 unique J



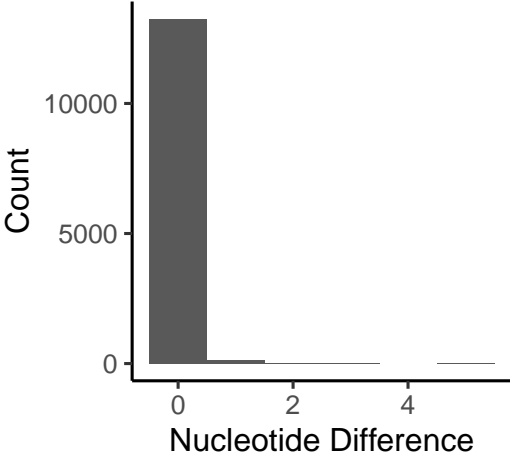
TRBV4-1*ap01

4548 sequences assigned
4510 (99.2%) exact matches, in which:
4465 unique CDR3
13 unique J



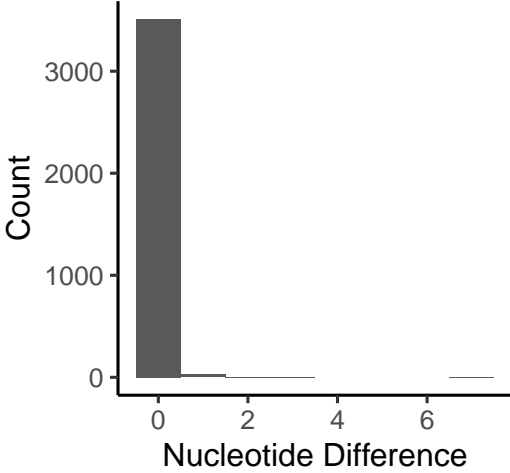
TRBV5-1*ap01

13397 sequences assigned
13256 (98.9%) exact matches, in which:
13178 unique CDR3
13 unique J



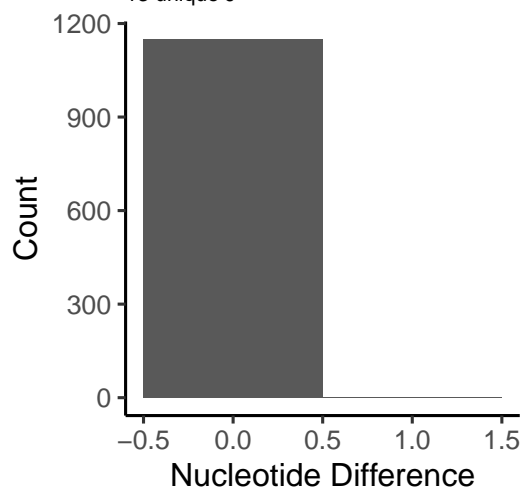
TRBV5-4*ap01

3542 sequences assigned
3511 (99.1%) exact matches, in which:
3487 unique CDR3
13 unique J



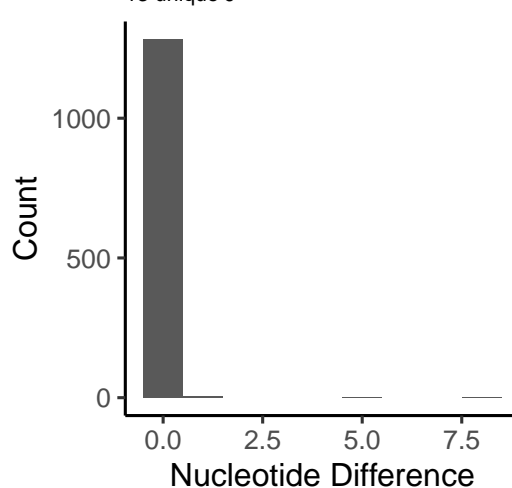
TRBV5-5*ap01

1152 sequences assigned
1149 (99.7%) exact matches, in which:
1144 unique CDR3
13 unique J



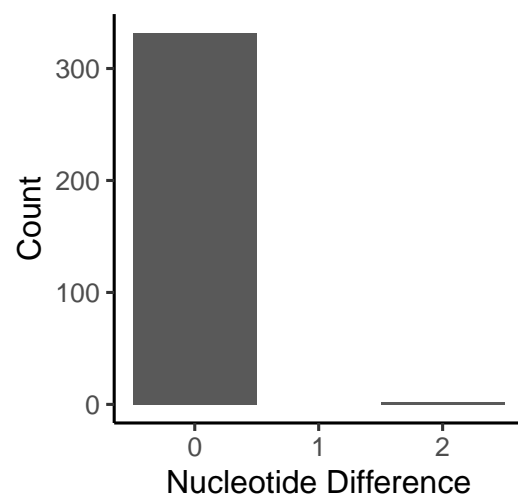
TRBV5-8*ap01

1290 sequences assigned
1282 (99.4%) exact matches, in which:
1275 unique CDR3
13 unique J



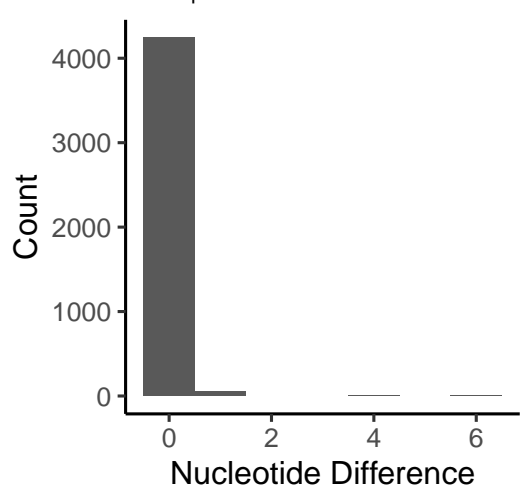
TRBV6-7*ap01

334 sequences assigned
332 (99.4%) exact matches, in which:
330 unique CDR3
13 unique J



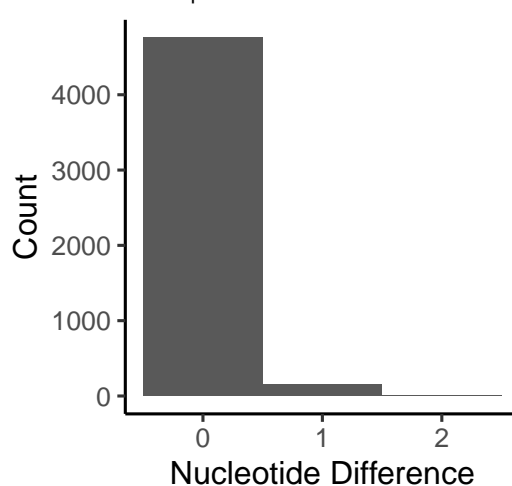
TRBV5-6*ap01

4298 sequences assigned
4243 (98.7%) exact matches, in which:
4210 unique CDR3
13 unique J



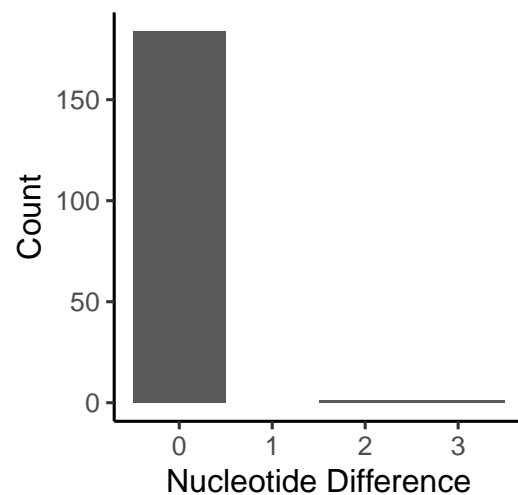
TRBV6-1*ap01

4912 sequences assigned
4757 (96.8%) exact matches, in which:
4716 unique CDR3
13 unique J



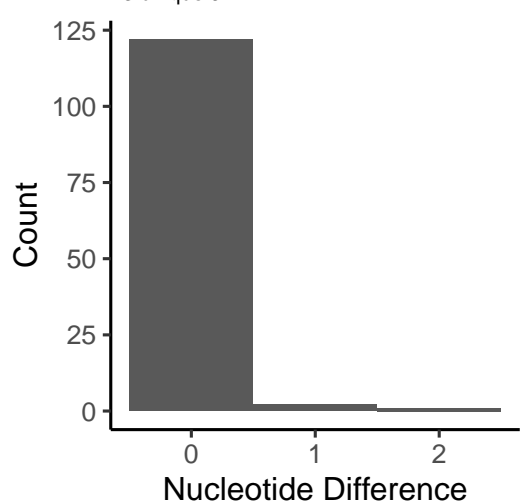
TRBV6-8*ap01

186 sequences assigned
184 (98.9%) exact matches, in which:
181 unique CDR3
13 unique J



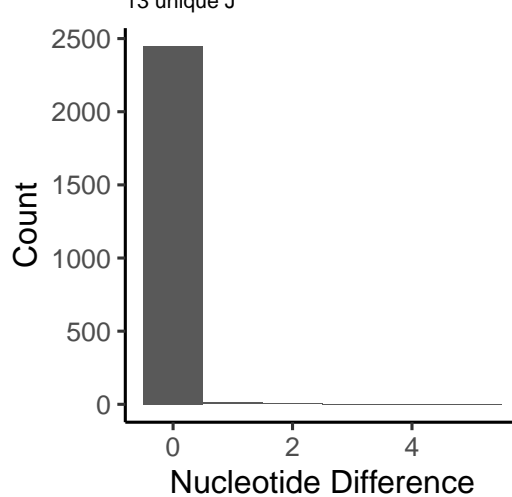
TRBV5-7*ap01

125 sequences assigned
122 (97.6%) exact matches, in which:
119 unique CDR3
13 unique J



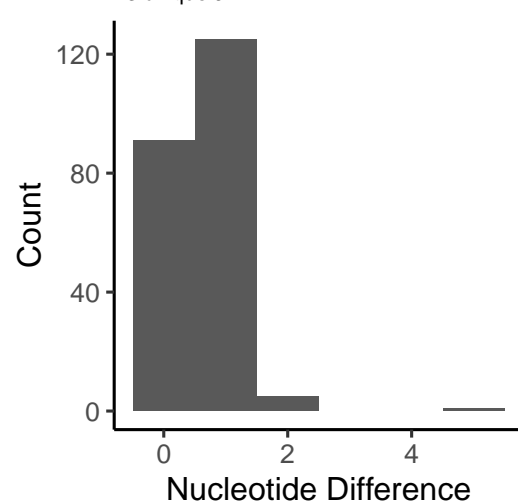
TRBV6-4*ap01

2472 sequences assigned
2449 (99.1%) exact matches, in which:
2444 unique CDR3
13 unique J



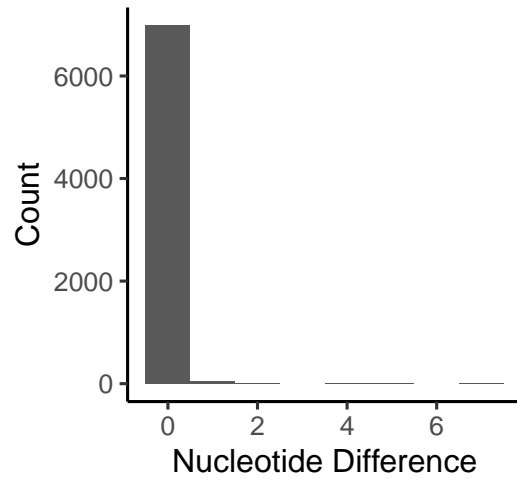
TRBV6-9*ap01

222 sequences assigned
91 (41%) exact matches, in which:
91 unique CDR3
13 unique J



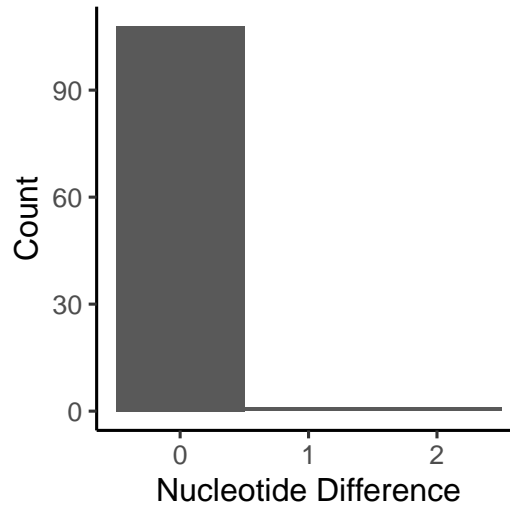
TRBV6-23*ap01

7036 sequences assigned
6986 (99.3%) exact matches, in which:
6904 unique CDR3
13 unique J



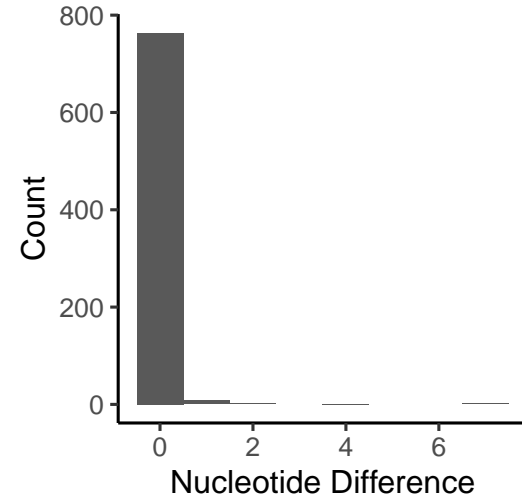
TRBV7-1*ap01_G291C_T

110 sequences assigned
108 (98.2%) exact matches, in which:
107 unique CDR3
12 unique J



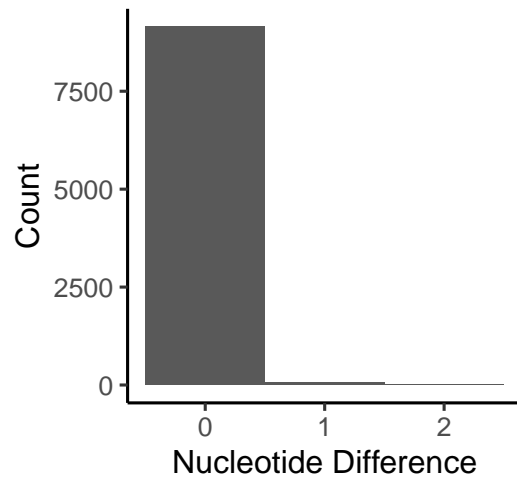
TRBV7-3*ap03

777 sequences assigned
764 (98.3%) exact matches, in which:
762 unique CDR3
13 unique J



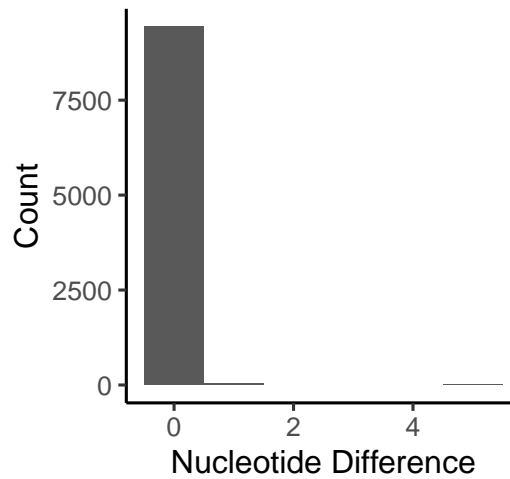
TRBV6-56*ap01

9204 sequences assigned
9147 (99.4%) exact matches, in which:
9063 unique CDR3
13 unique J



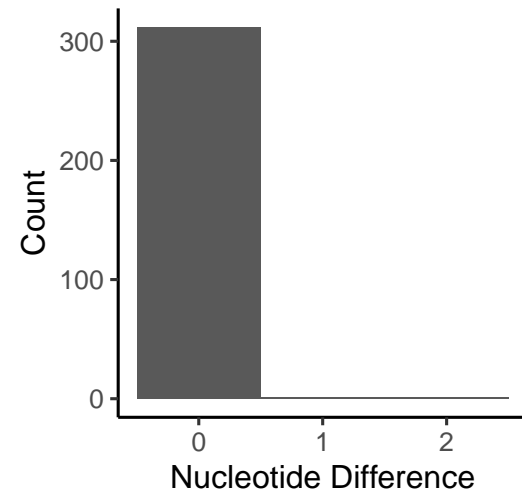
TRBV7-2*ap01

9479 sequences assigned
9434 (99.5%) exact matches, in which:
9388 unique CDR3
13 unique J



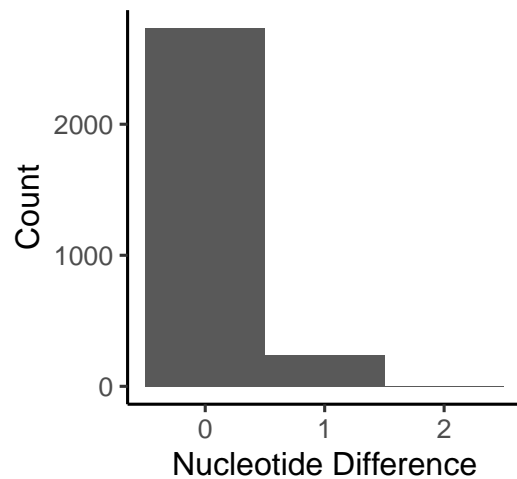
TRBV7-4*ap01

314 sequences assigned
312 (99.4%) exact matches, in which:
311 unique CDR3
13 unique J



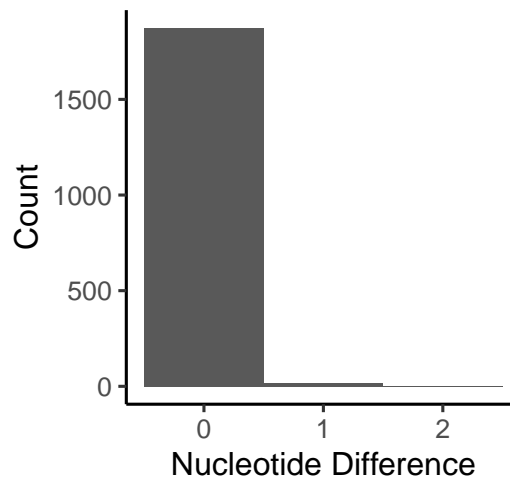
TRBV6-56*ap02

2974 sequences assigned
2734 (91.9%) exact matches, in which:
2713 unique CDR3
13 unique J



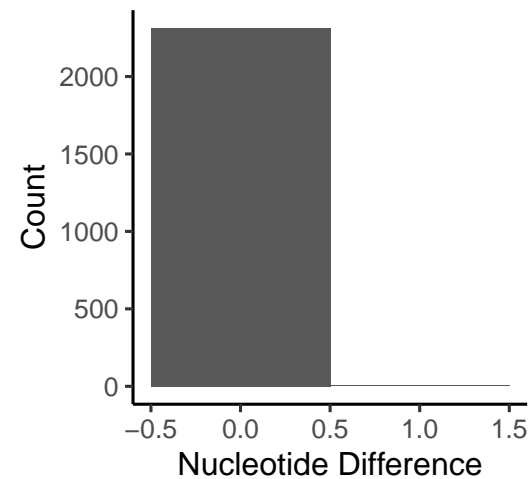
TRBV7-3*ap01

1890 sequences assigned
1873 (99.1%) exact matches, in which:
1865 unique CDR3
13 unique J



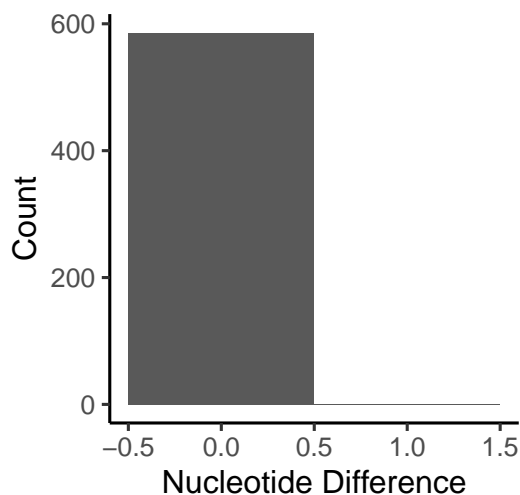
TRBV7-6*ap01

2318 sequences assigned
2313 (99.8%) exact matches, in which:
2295 unique CDR3
13 unique J



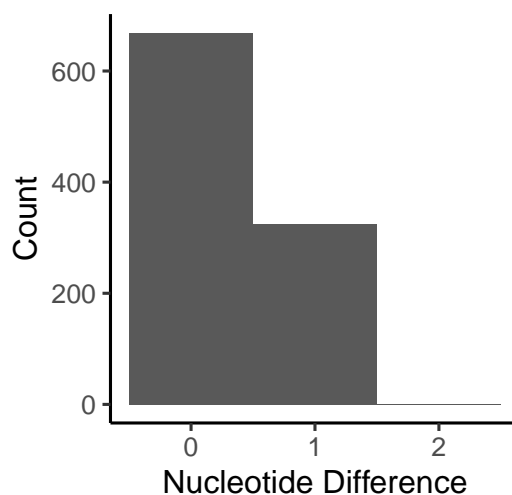
TRBV7-7*ap01

587 sequences assigned
586 (99.8%) exact matches, in which:
586 unique CDR3
13 unique J



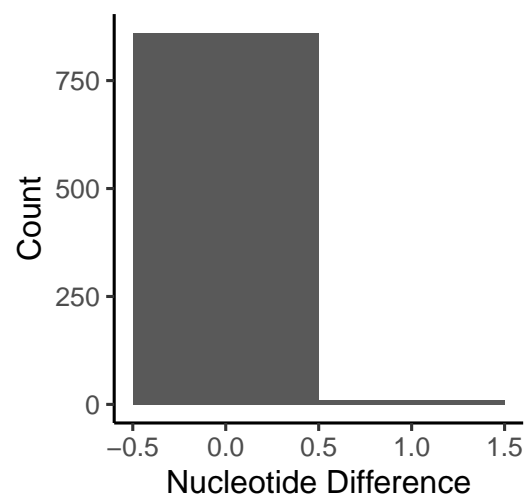
TRBV7-8*ap03

995 sequences assigned
669 (67.2%) exact matches, in which:
664 unique CDR3
13 unique J



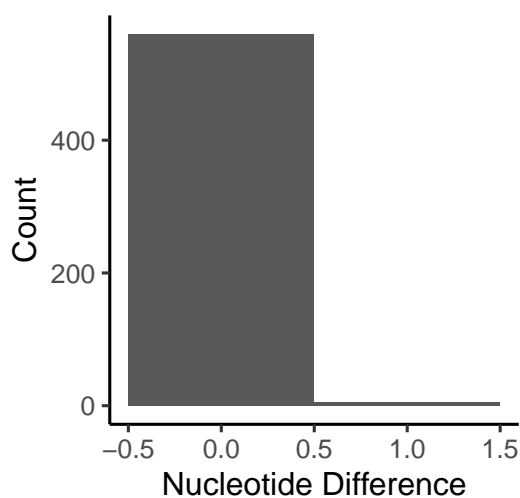
TRBV29-1*ap02

872 sequences assigned
861 (98.7%) exact matches, in which:
853 unique CDR3
13 unique J



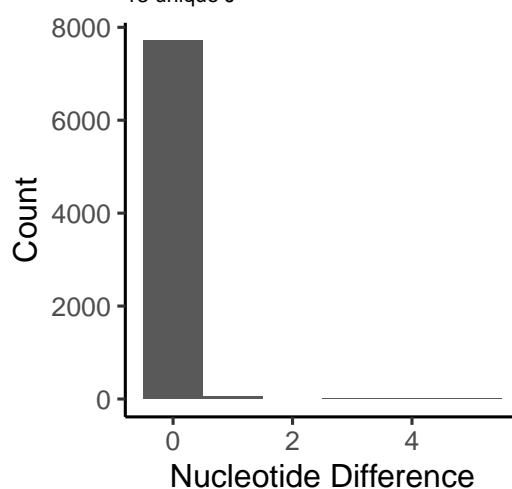
TRBV7-7*ap01_C315T

566 sequences assigned
560 (98.9%) exact matches, in which:
557 unique CDR3
13 unique J



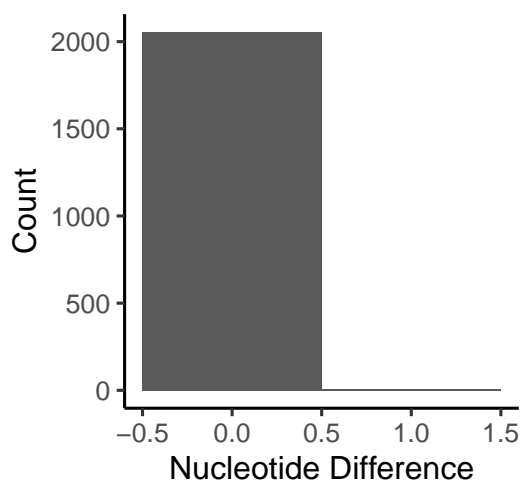
TRBV7-9*ap01

7775 sequences assigned
7711 (99.2%) exact matches, in which:
7672 unique CDR3
13 unique J



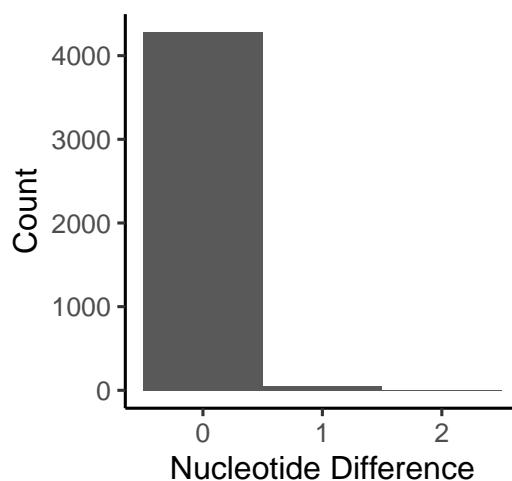
TRBV7-8*ap01

2063 sequences assigned
2055 (99.6%) exact matches, in which:
2043 unique CDR3
13 unique J

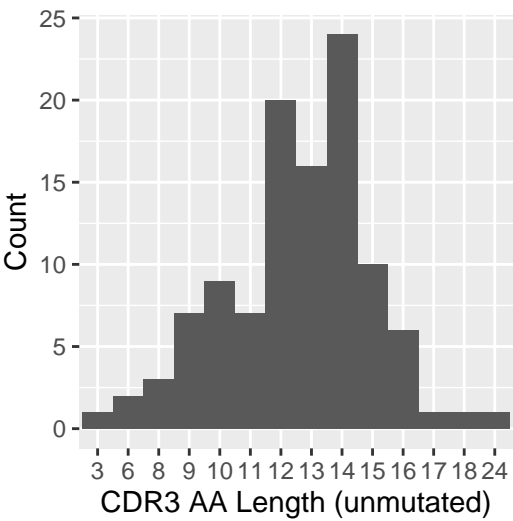


TRBV29-1*ap01

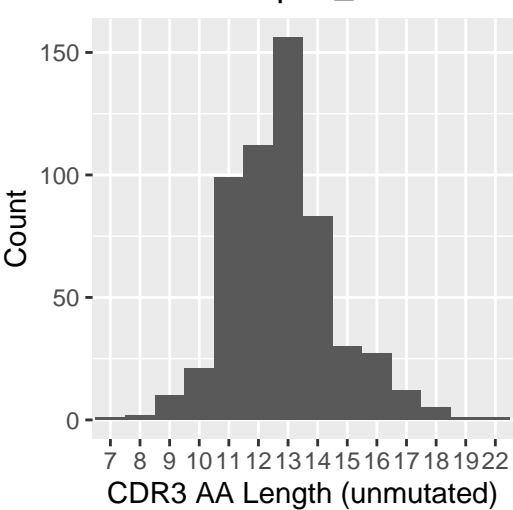
4338 sequences assigned
4282 (98.7%) exact matches, in which:
4224 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.