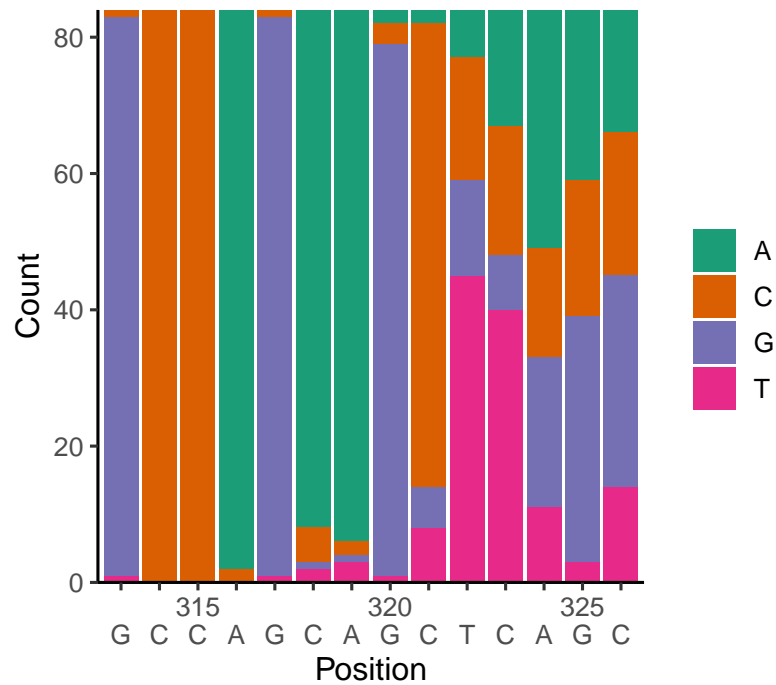
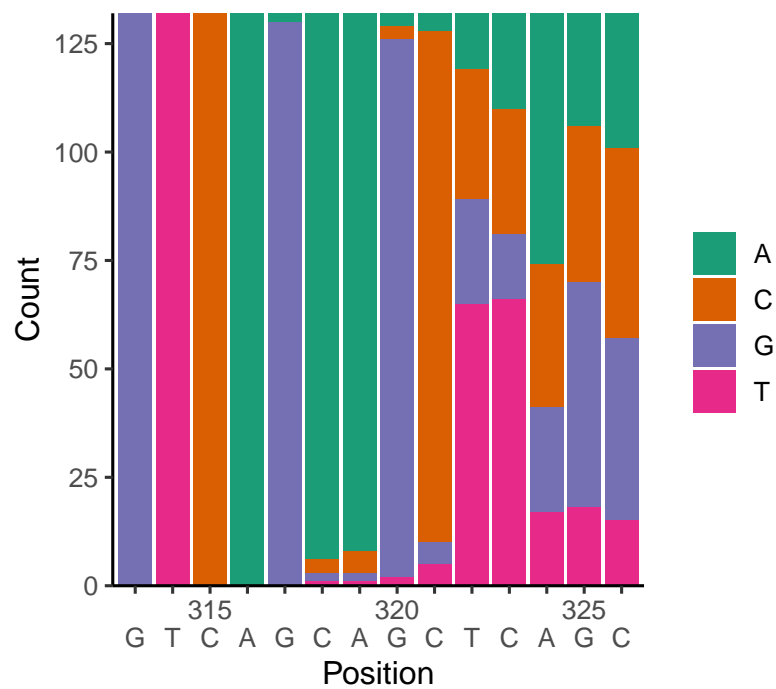


Gene TRBV7-1*ap01_G291C_T296C



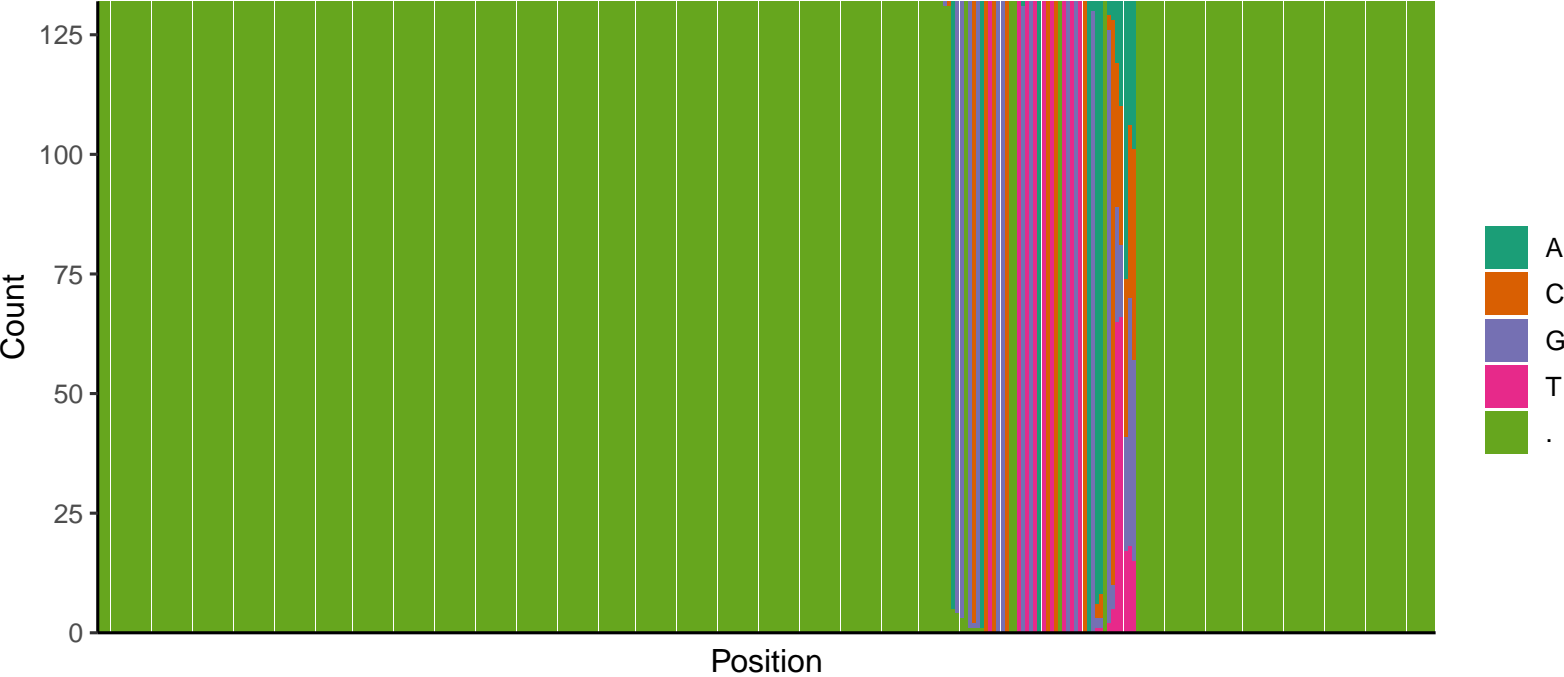
Gene TRBV7-1*ap01_G291C_T296C_C314T



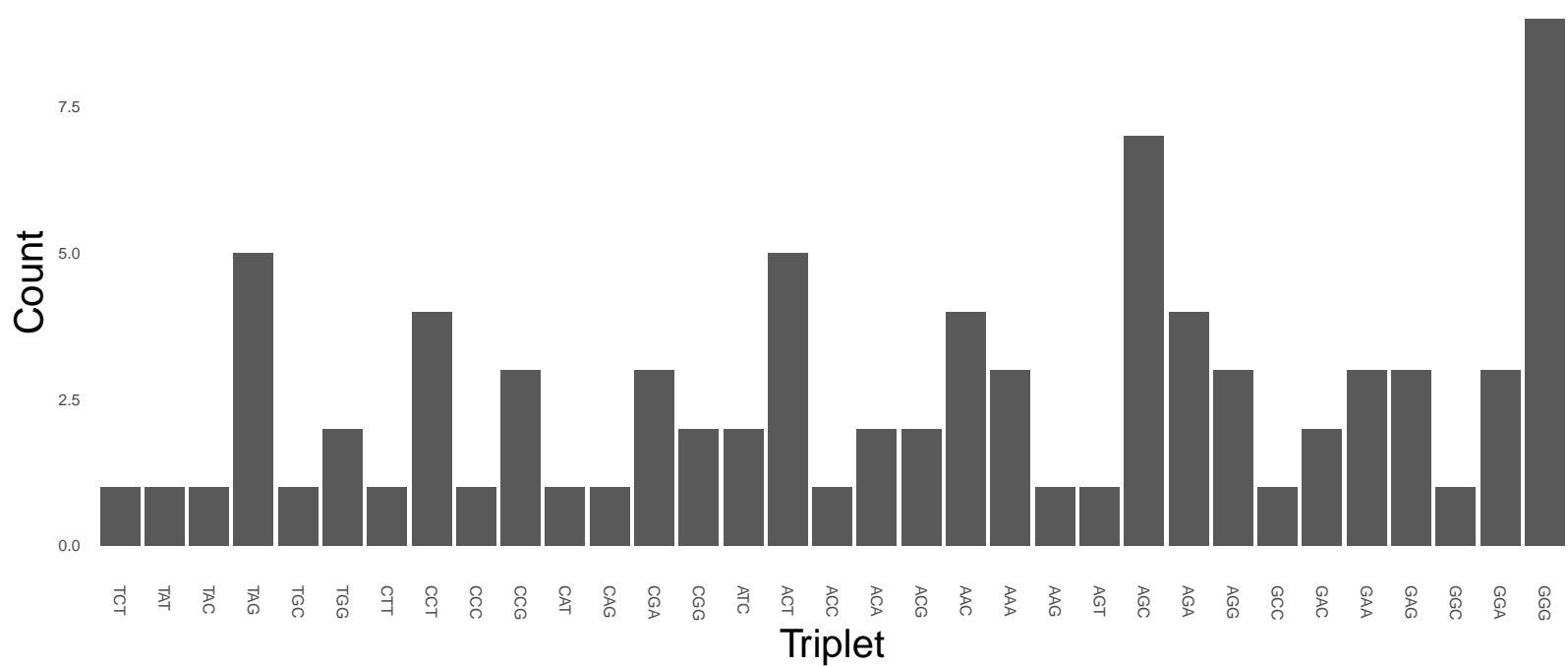
Gene TRBV7-1*ap01_G291C_T296C



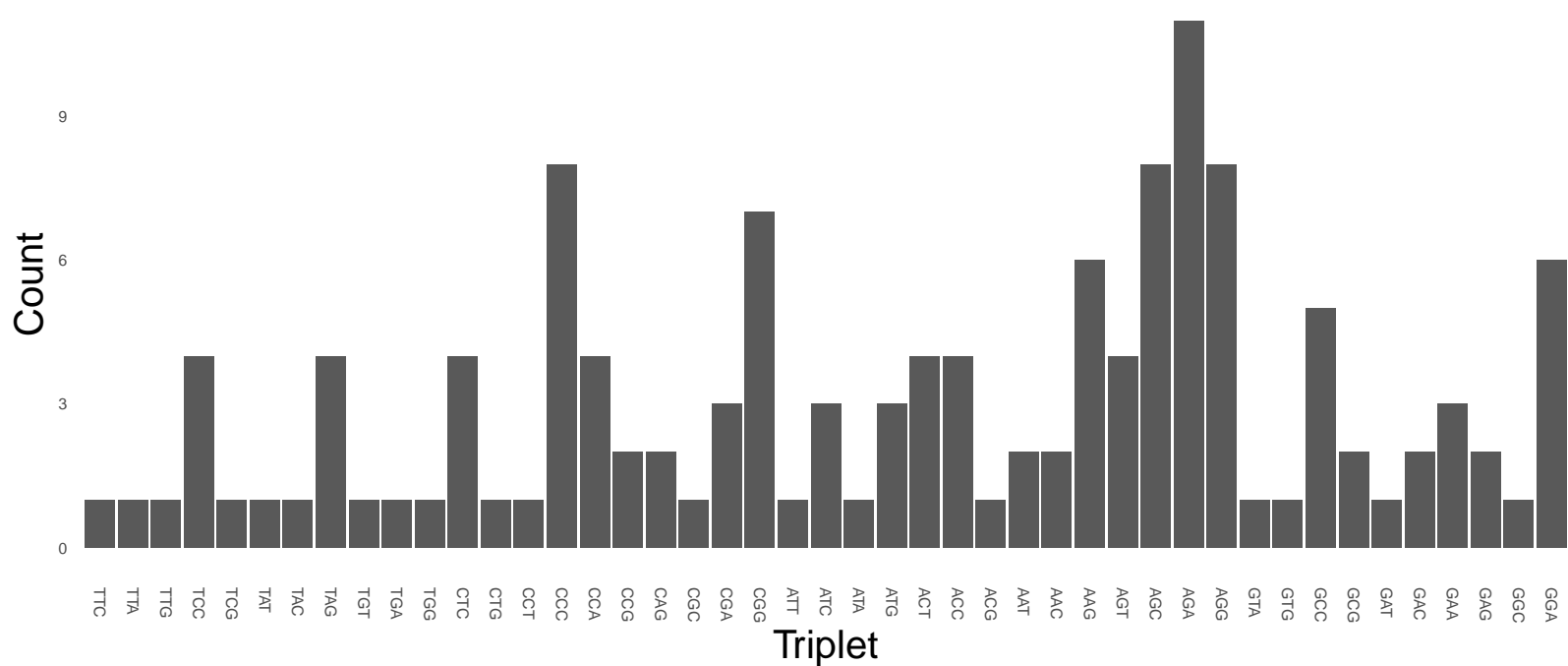
Gene TRBV7-1*ap01_G291C_T296C_C314T



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

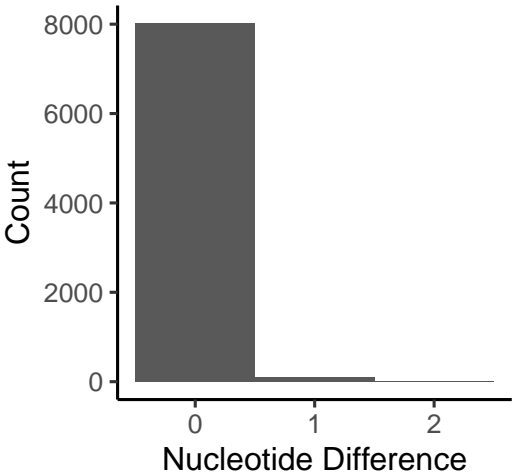


TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



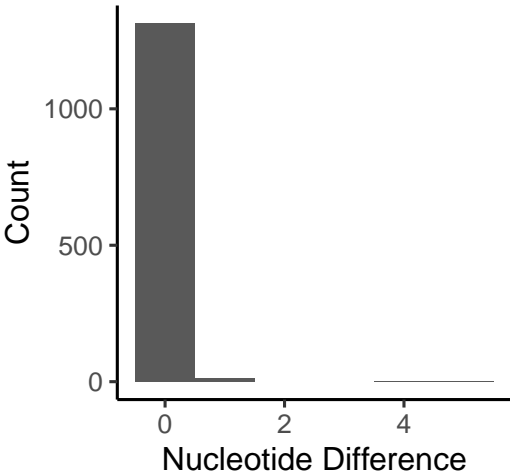
TRBV20-1*ap01

8127 sequences assigned
8017 (98.6%) exact matches, in which:
7866 unique CDR3
13 unique J



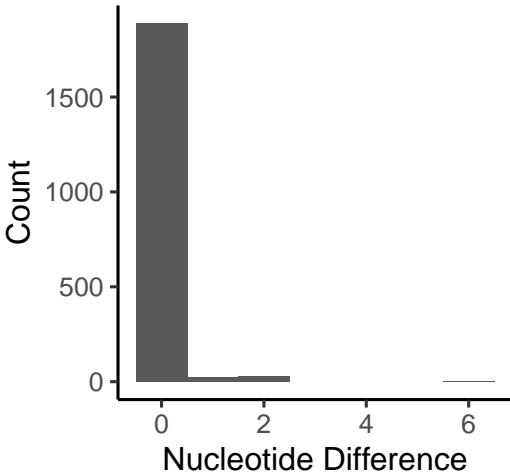
TRBV10-2*ap01

1329 sequences assigned
1313 (98.8%) exact matches, in which:
1287 unique CDR3
13 unique J



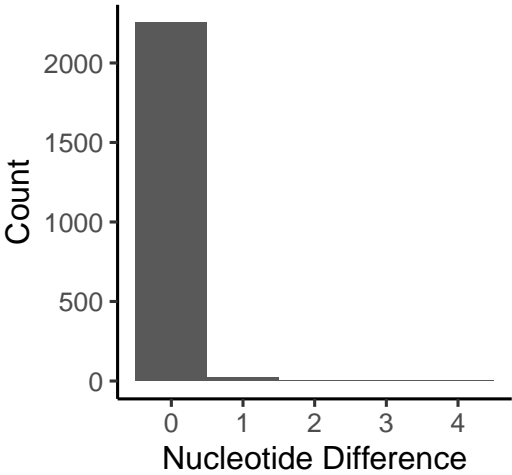
TRBV13*ap01

1942 sequences assigned
1888 (97.2%) exact matches, in which:
1842 unique CDR3
13 unique J



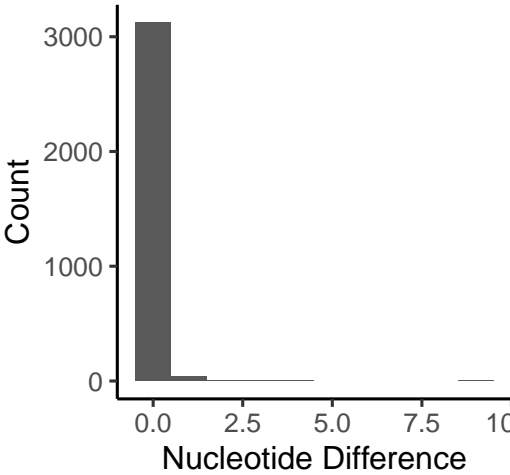
TRBV10-1*ap01

2280 sequences assigned
2253 (98.8%) exact matches, in which:
2205 unique CDR3
13 unique J



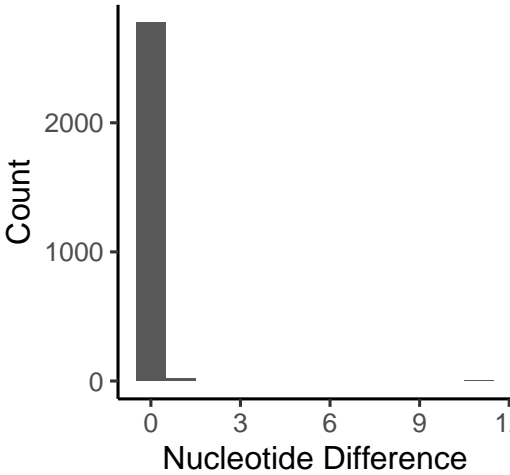
TRBV10-3*ap01

3171 sequences assigned
3122 (98.5%) exact matches, in which:
3041 unique CDR3
13 unique J



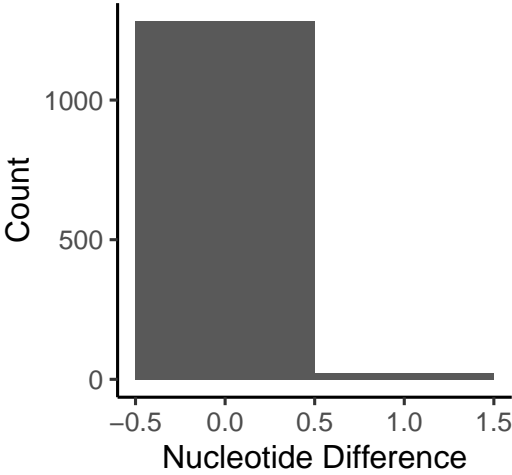
TRBV14*ap01

2799 sequences assigned
2775 (99.1%) exact matches, in which:
2741 unique CDR3
13 unique J



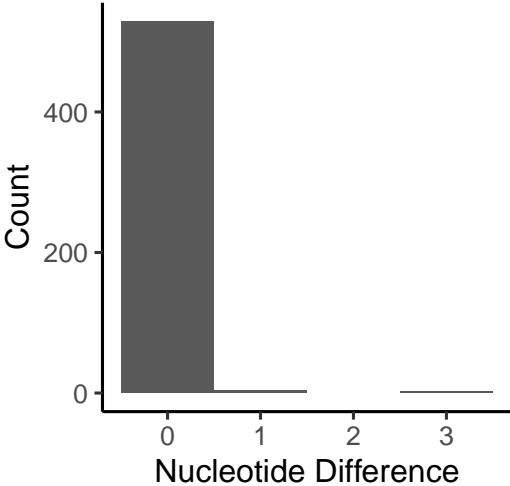
TRBV20-1*ap02

1305 sequences assigned
1283 (98.3%) exact matches, in which:
1258 unique CDR3
13 unique J



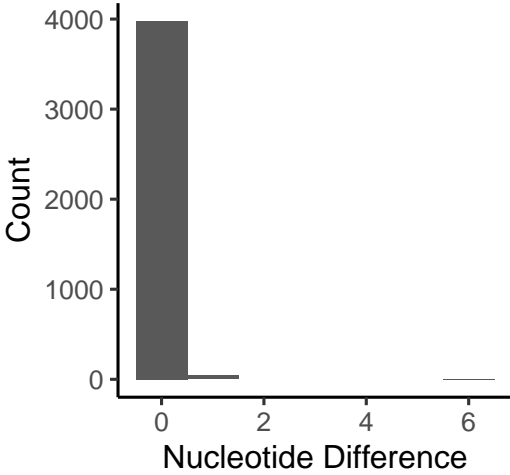
TRBV1*ap01

535 sequences assigned
529 (98.9%) exact matches, in which:
517 unique CDR3
13 unique J



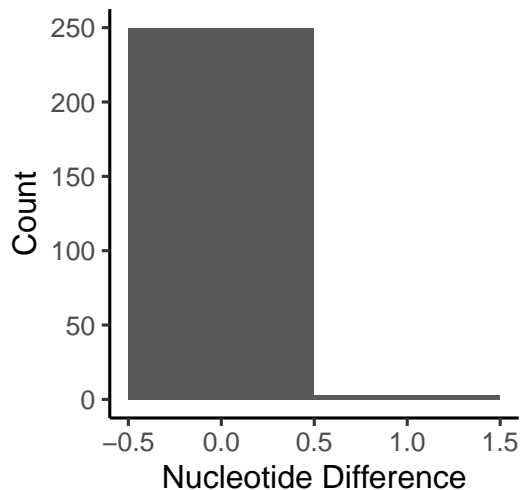
TRBV15*ap02

4023 sequences assigned
3978 (98.9%) exact matches, in which:
3875 unique CDR3
13 unique J



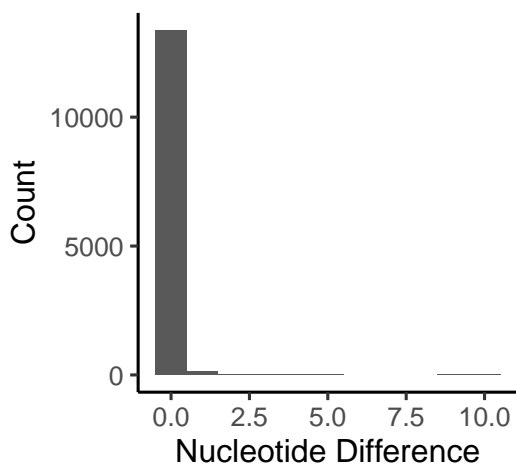
TRBV16*ap01

253 sequences assigned
250 (98.8%) exact matches, in which:
246 unique CDR3
13 unique J



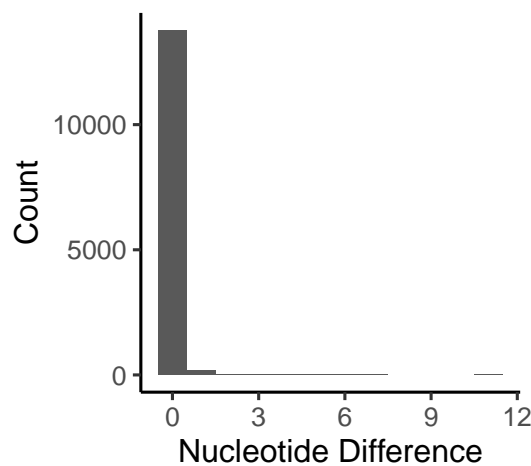
TRBV19*ap01

13518 sequences assigned
13375 (98.9%) exact matches, in which:
13189 unique CDR3
13 unique J



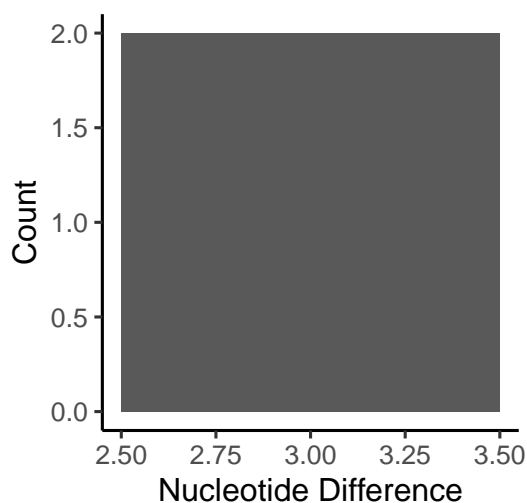
TRBV27*ap01

13959 sequences assigned
13775 (98.7%) exact matches, in which:
13422 unique CDR3
14 unique J



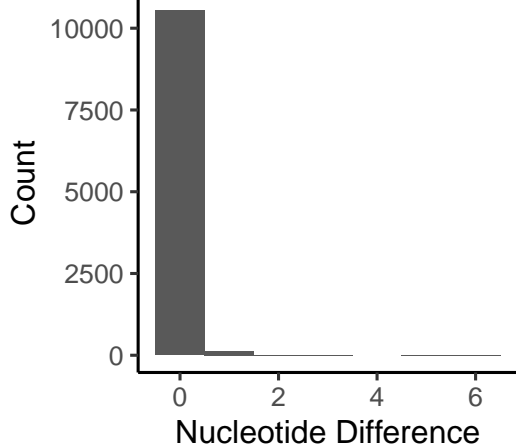
TRBV17*ap01

2 sequences assigned
No exact matches.



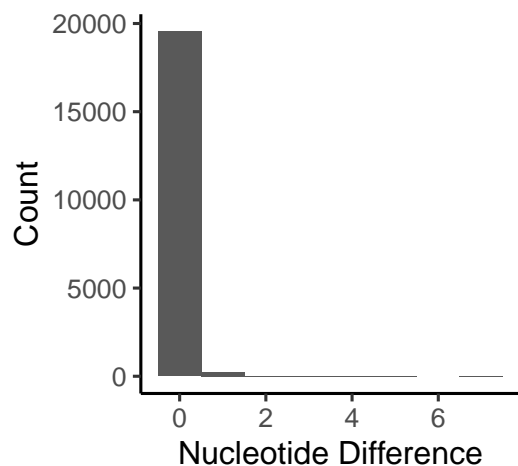
TRBV2*ap01

10679 sequences assigned
10542 (98.7%) exact matches, in which:
10335 unique CDR3
13 unique J



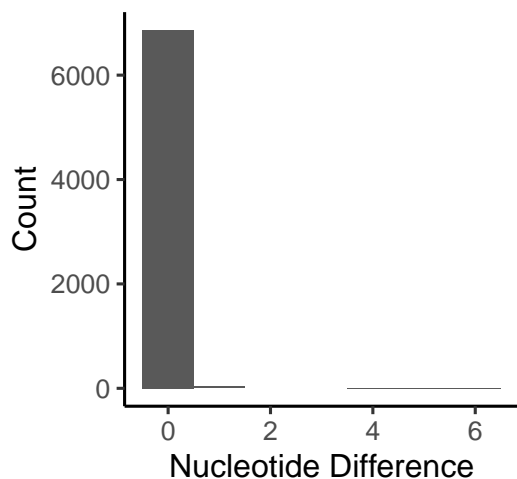
TRBV28*ap01

19796 sequences assigned
19549 (98.8%) exact matches, in which:
19159 unique CDR3
13 unique J



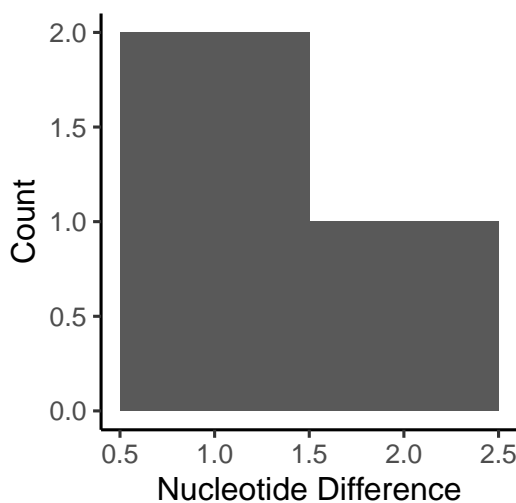
TRBV18*ap01

6903 sequences assigned
6864 (99.4%) exact matches, in which:
6765 unique CDR3
13 unique J



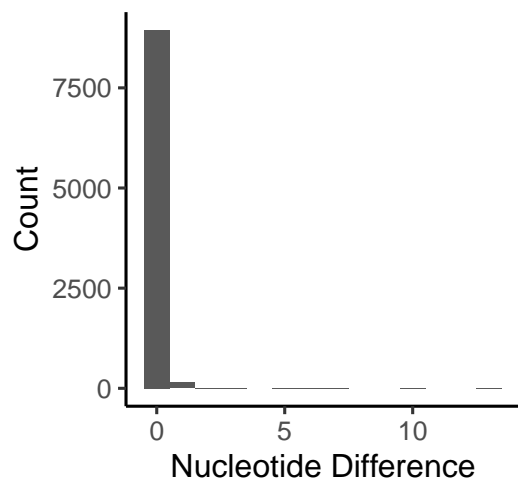
TRBV26*ap01

3 sequences assigned
No exact matches.



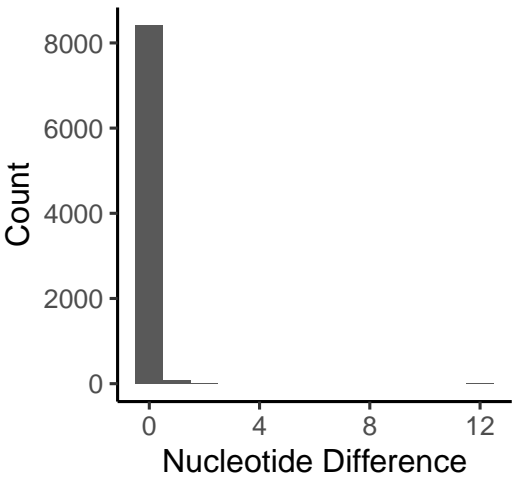
TRBV30*ap01

9107 sequences assigned
8943 (98.2%) exact matches, in which:
8830 unique CDR3
13 unique J



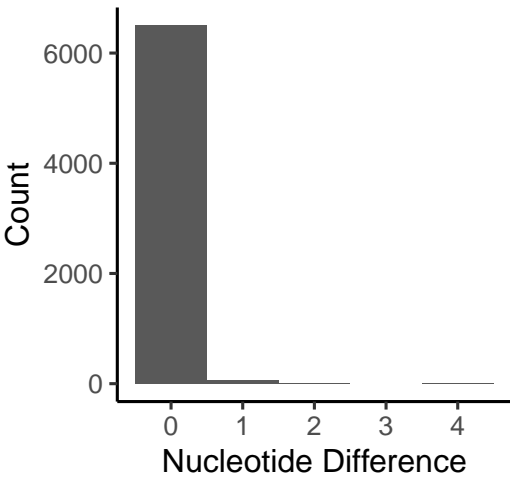
TRBV9*ap01

8488 sequences assigned
8411 (99.1%) exact matches, in which:
8266 unique CDR3
14 unique J



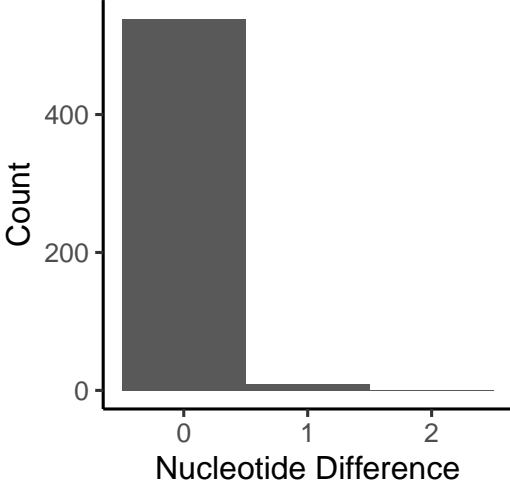
TRBV11-2*ap01

6575 sequences assigned
6502 (98.9%) exact matches, in which:
6353 unique CDR3
13 unique J



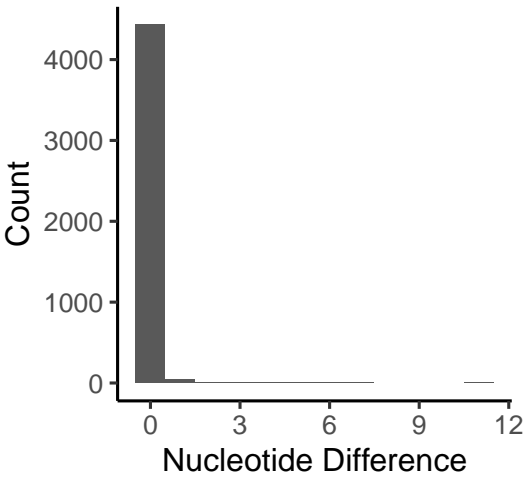
TRBV12-2*ap01

549 sequences assigned
539 (98.2%) exact matches, in which:
530 unique CDR3
13 unique J



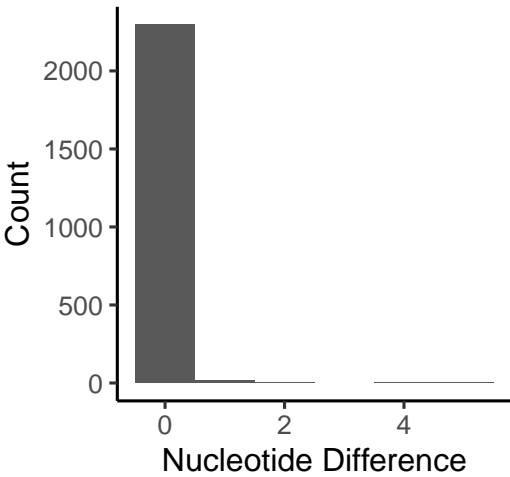
TRBV21-1*ap01

4491 sequences assigned
4431 (98.7%) exact matches, in which:
4351 unique CDR3
13 unique J



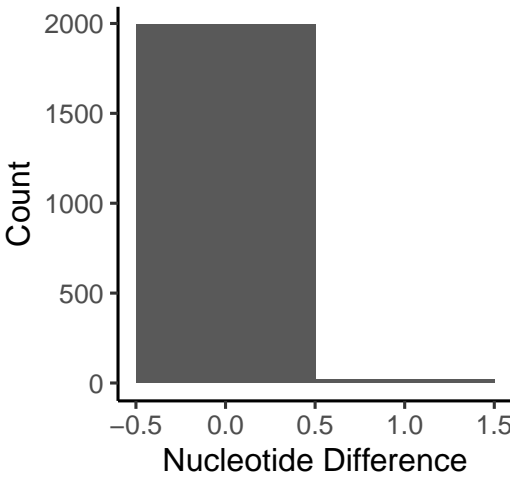
TRBV11-3*ap01

2318 sequences assigned
2296 (99.1%) exact matches, in which:
2253 unique CDR3
13 unique J



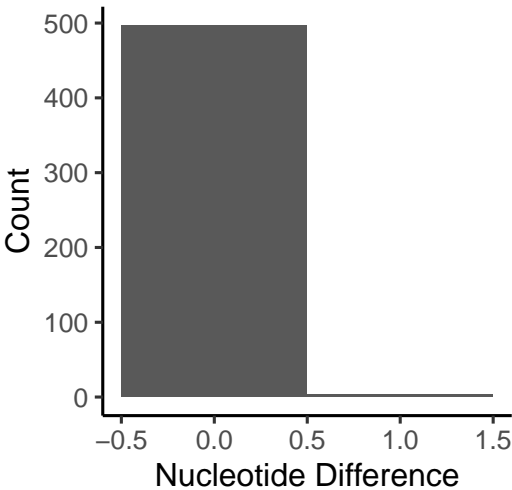
TRBV12-5*ap01

2012 sequences assigned
1993 (99.1%) exact matches, in which:
1945 unique CDR3
13 unique J



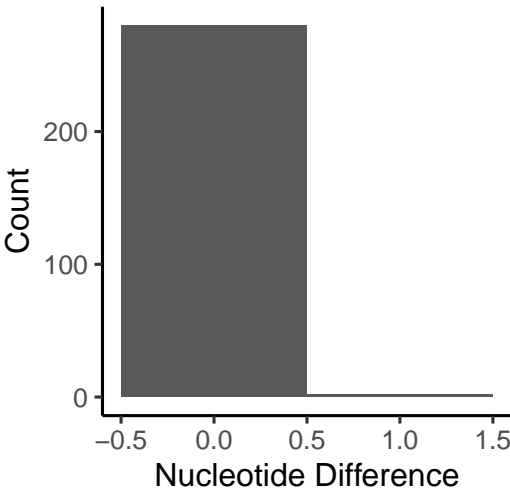
TRBV11-1*ap01

501 sequences assigned
497 (99.2%) exact matches, in which:
485 unique CDR3
13 unique J



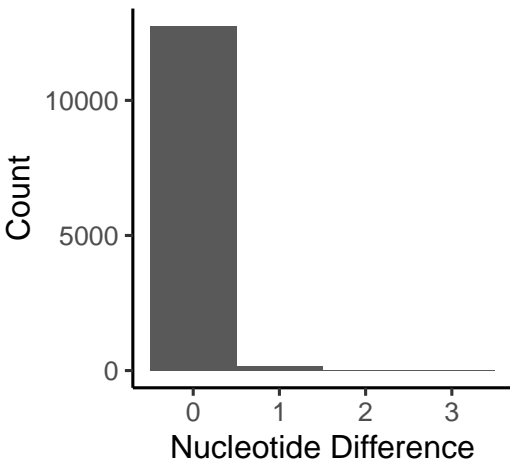
TRBV12-1*ap01

282 sequences assigned
280 (99.3%) exact matches, in which:
274 unique CDR3
13 unique J



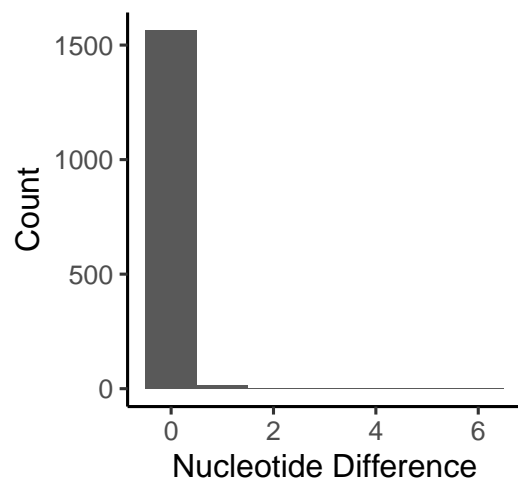
TRBV12-34*ap01

12946 sequences assigned
12761 (98.6%) exact matches, in which:
12511 unique CDR3
14 unique J



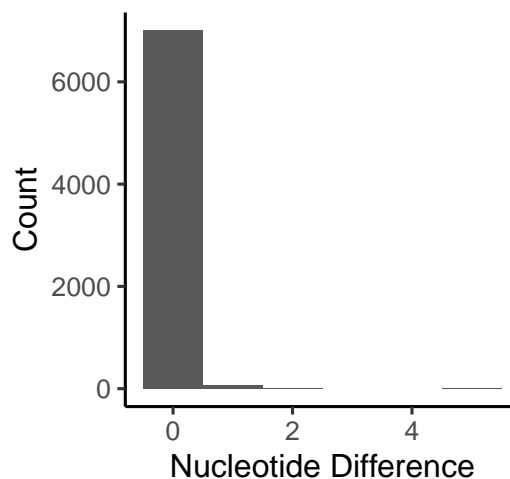
TRBV23-1*ap01

1588 sequences assigned
1564 (98.5%) exact matches, in which:
1542 unique CDR3
13 unique J



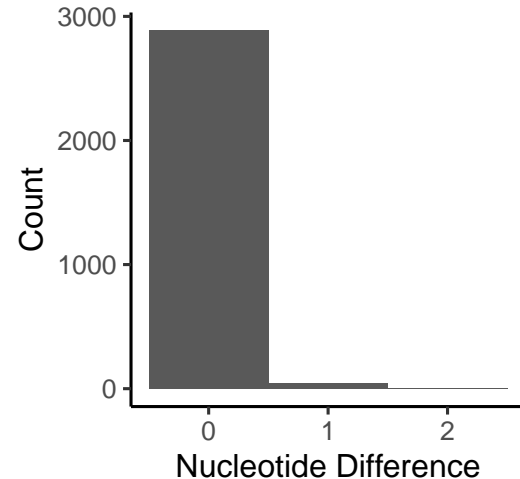
TRBV4-1*ap01

7076 sequences assigned
7006 (99%) exact matches, in which:
6862 unique CDR3
13 unique J



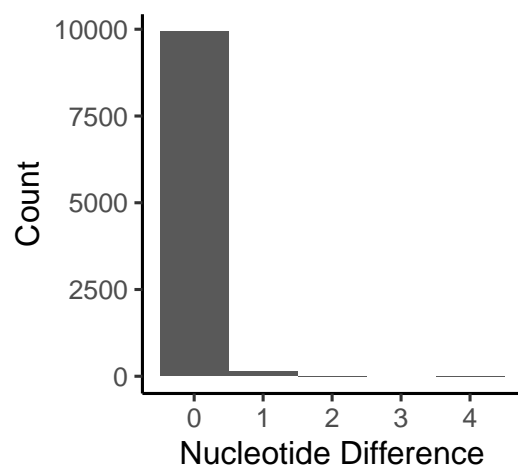
TRBV25-1*ap01

2933 sequences assigned
2887 (98.4%) exact matches, in which:
2827 unique CDR3
13 unique J



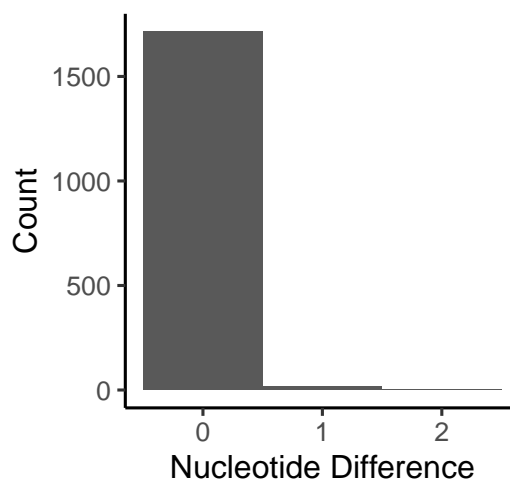
TRBV3-12*ap01

10086 sequences assigned
9936 (98.5%) exact matches, in which:
9717 unique CDR3
13 unique J



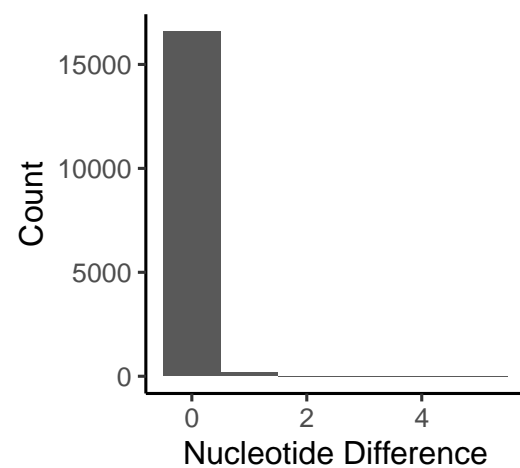
TRBV4-2*ap01

1736 sequences assigned
1714 (98.7%) exact matches, in which:
1686 unique CDR3
13 unique J



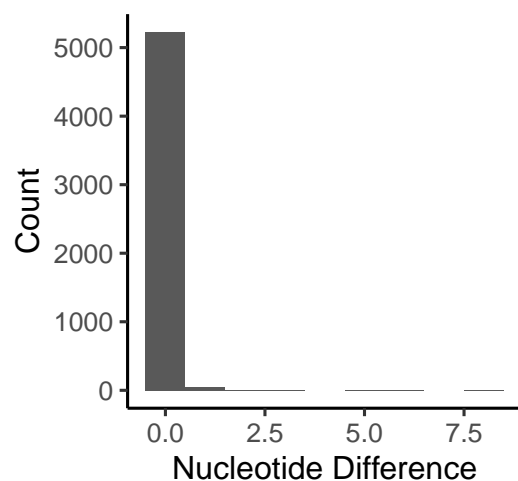
TRBV5-1*ap01

16773 sequences assigned
16586 (98.9%) exact matches, in which:
16180 unique CDR3
13 unique J



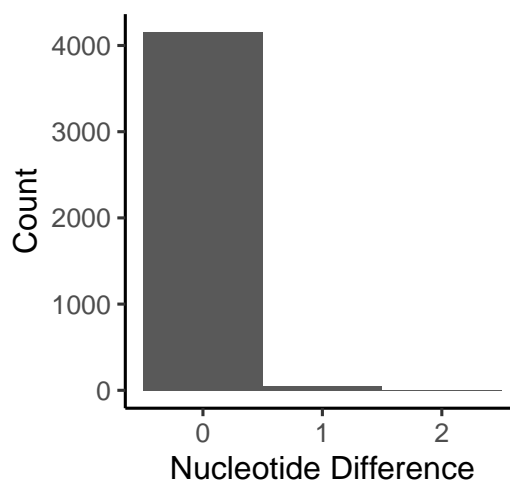
TRBV24-1*ap01

5281 sequences assigned
5227 (99%) exact matches, in which:
5147 unique CDR3
13 unique J



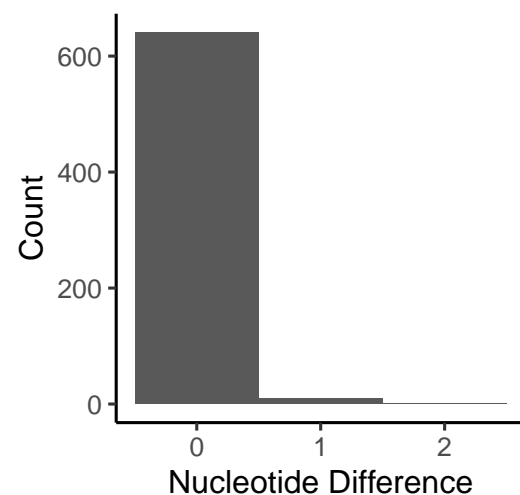
TRBV4-3*ap01

4211 sequences assigned
4156 (98.7%) exact matches, in which:
4082 unique CDR3
13 unique J



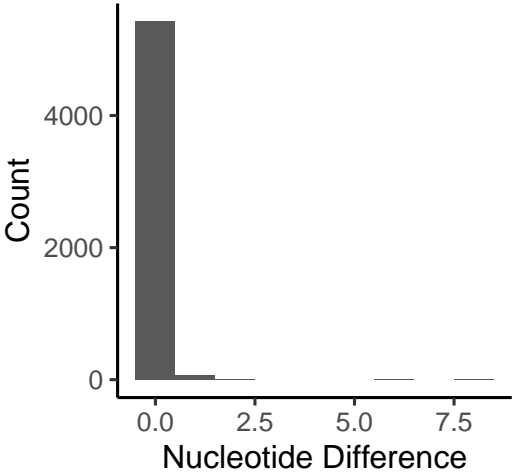
TRBV5-3*ap01

651 sequences assigned
641 (98.5%) exact matches, in which:
631 unique CDR3
13 unique J



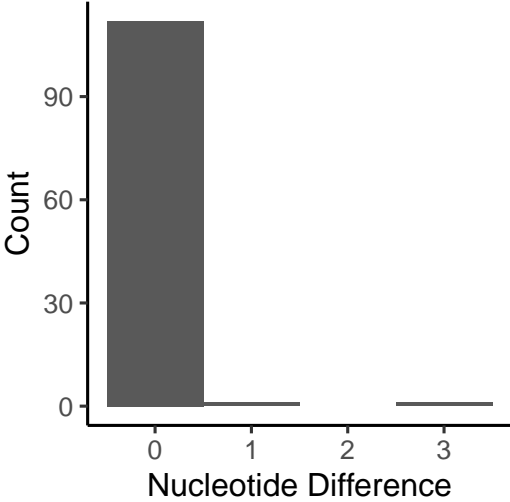
TRBV5-4*ap01

5499 sequences assigned
5425 (98.7%) exact matches, in which:
5306 unique CDR3
13 unique J



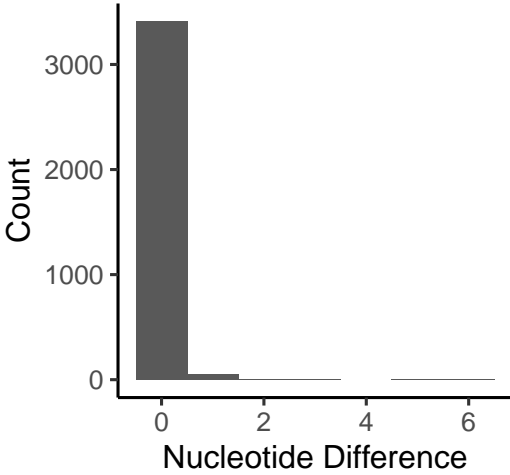
TRBV5-7*ap01

114 sequences assigned
112 (98.2%) exact matches, in which:
107 unique CDR3
13 unique J



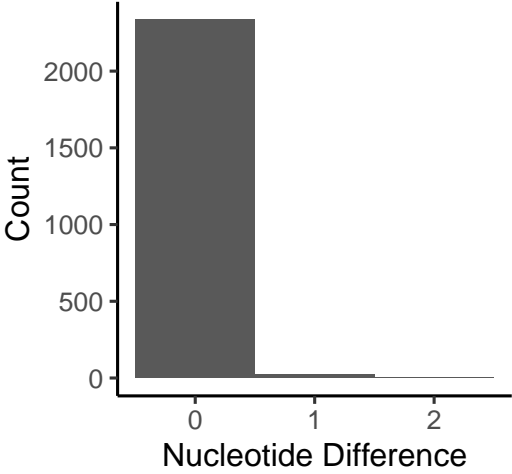
TRBV6-4*ap01

3467 sequences assigned
3410 (98.4%) exact matches, in which:
3357 unique CDR3
13 unique J



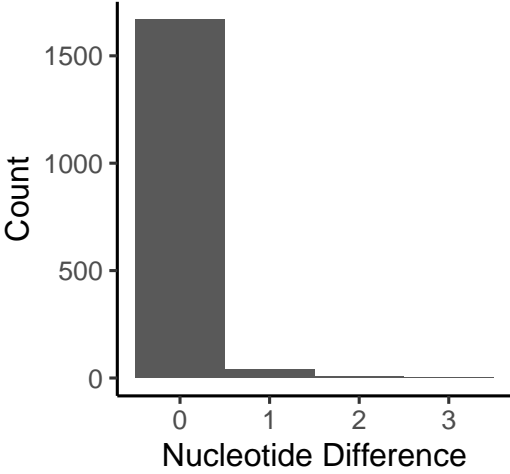
TRBV5-5*ap01

2359 sequences assigned
2335 (99%) exact matches, in which:
2301 unique CDR3
13 unique J



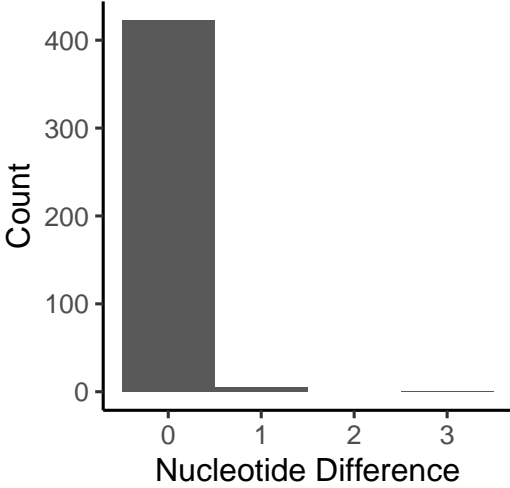
TRBV5-8*ap01

1713 sequences assigned
1668 (97.4%) exact matches, in which:
1631 unique CDR3
13 unique J



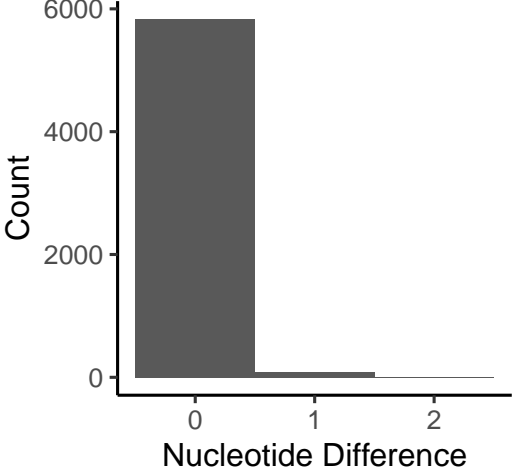
TRBV6-7*ap01

429 sequences assigned
423 (98.6%) exact matches, in which:
415 unique CDR3
13 unique J



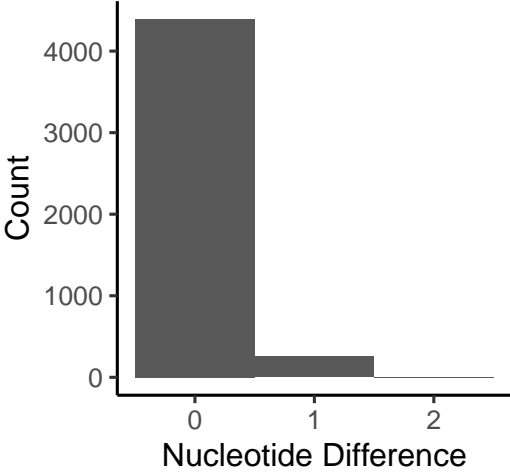
TRBV5-6*ap01

5923 sequences assigned
5834 (98.5%) exact matches, in which:
5689 unique CDR3
13 unique J



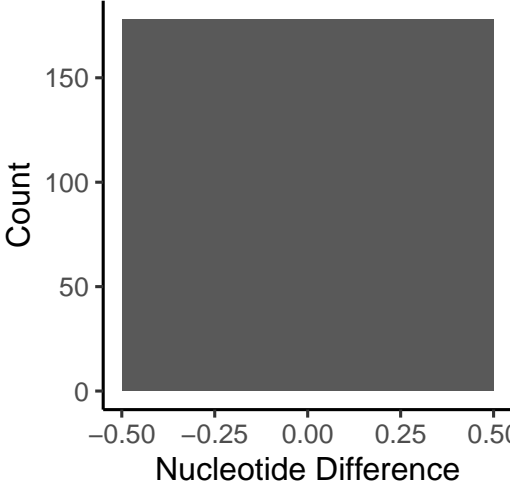
TRBV6-1*ap01

4652 sequences assigned
4393 (94.4%) exact matches, in which:
4289 unique CDR3
13 unique J



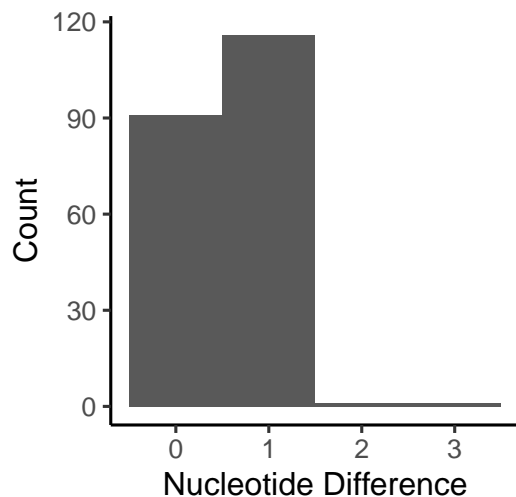
TRBV6-8*ap01

178 sequences assigned
178 (100%) exact matches, in which:
177 unique CDR3
12 unique J



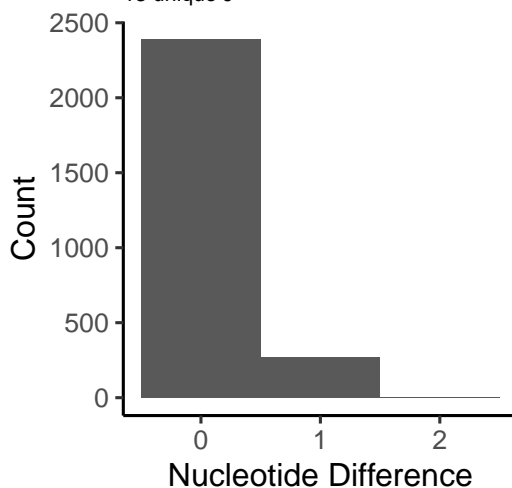
TRBV6–9*ap01

209 sequences assigned
91 (43.5%) exact matches, in which:
88 unique CDR3
13 unique J



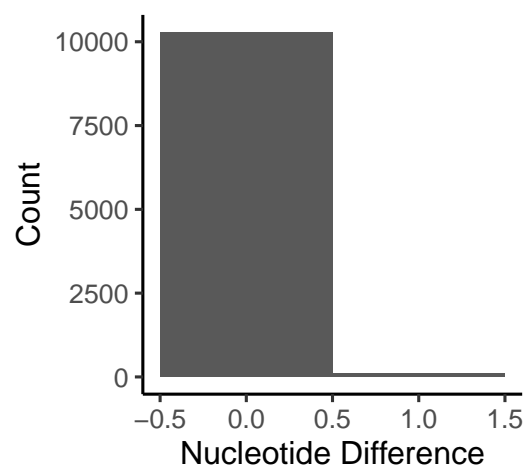
TRBV6–56*ap02

2665 sequences assigned
2389 (89.6%) exact matches, in which:
2342 unique CDR3
13 unique J



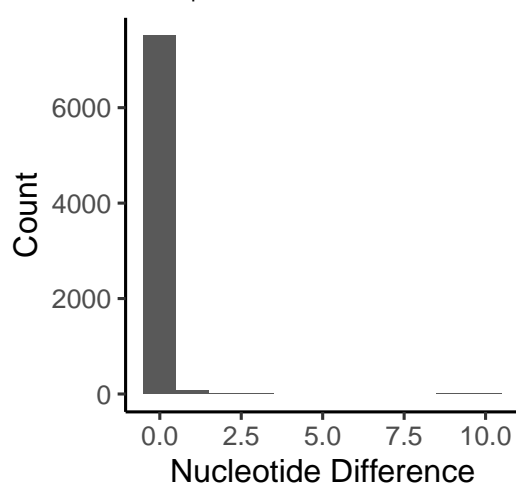
TRBV7–2*ap01

10377 sequences assigned
10287 (99.1%) exact matches, in which:
10099 unique CDR3
13 unique J



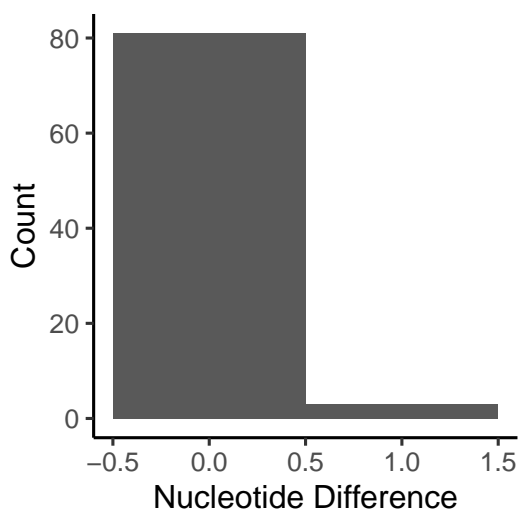
TRBV6–23*ap01

7600 sequences assigned
7508 (98.8%) exact matches, in which:
7377 unique CDR3
13 unique J



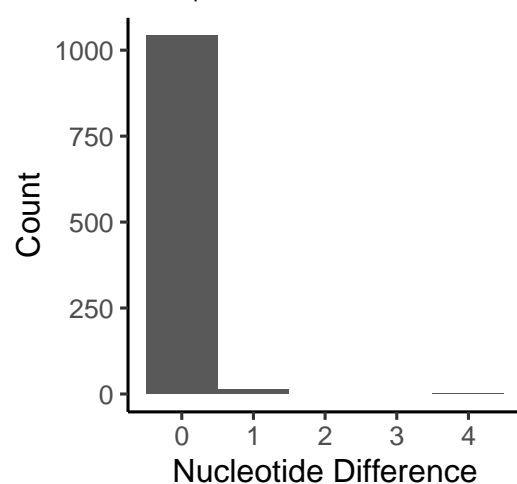
TRBV7–1*ap01_G291C_T

84 sequences assigned
81 (96.4%) exact matches, in which:
80 unique CDR3
13 unique J



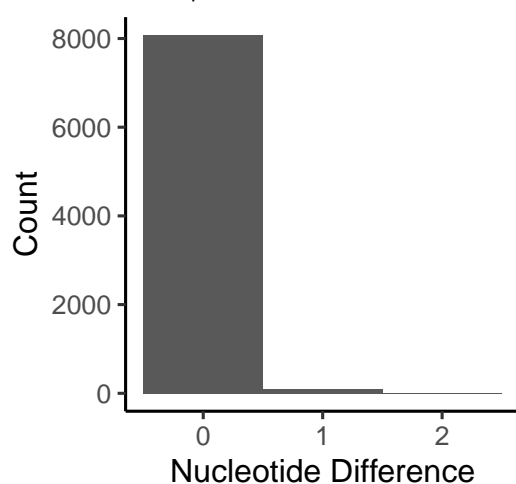
TRBV7–3*ap02

1055 sequences assigned
1042 (98.8%) exact matches, in which:
1019 unique CDR3
13 unique J



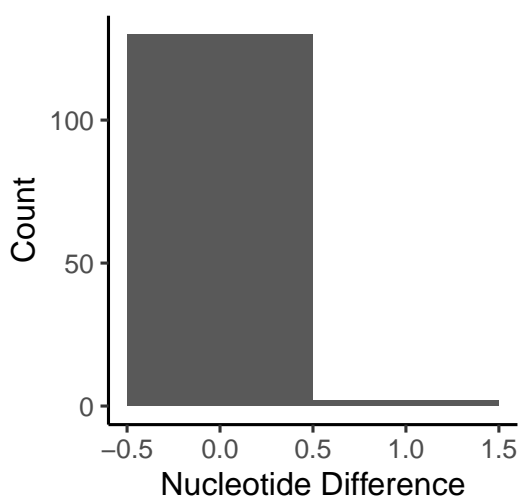
TRBV6–56*ap01

8177 sequences assigned
8078 (98.8%) exact matches, in which:
7894 unique CDR3
13 unique J



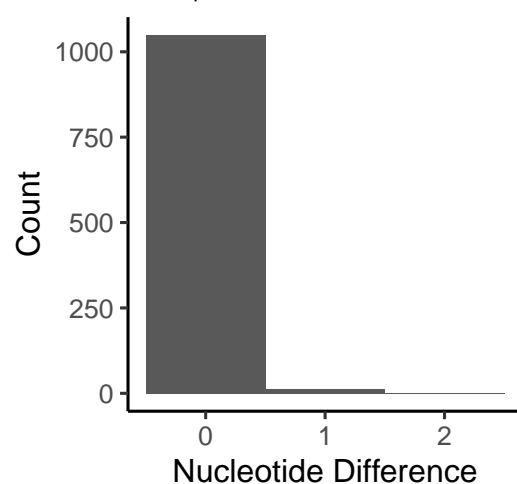
TRBV7–1*ap01_G291C_

132 sequences assigned
130 (98.5%) exact matches, in which:
125 unique CDR3
12 unique J



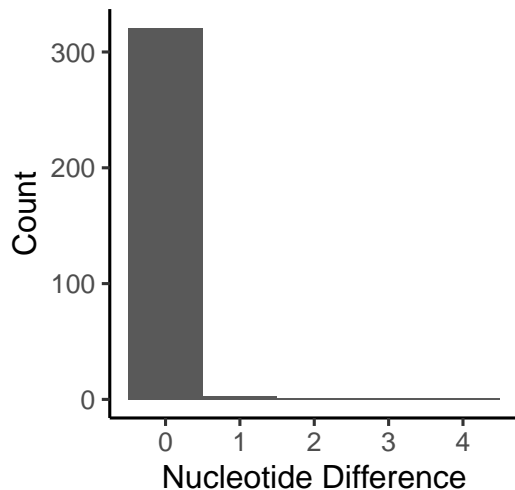
TRBV7–3*ap03

1063 sequences assigned
1049 (98.7%) exact matches, in which:
1017 unique CDR3
13 unique J



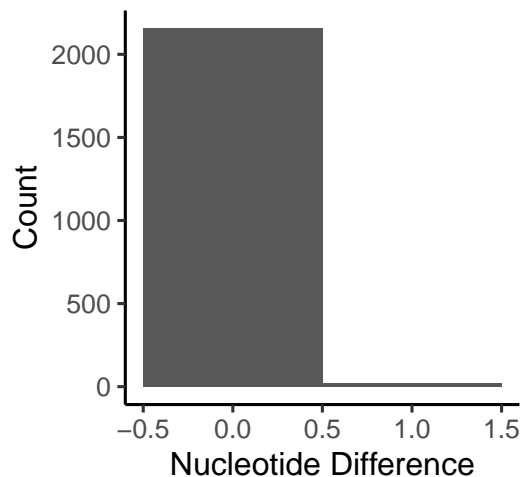
TRBV7-4*ap01

327 sequences assigned
321 (98.2%) exact matches, in which:
314 unique CDR3
13 unique J



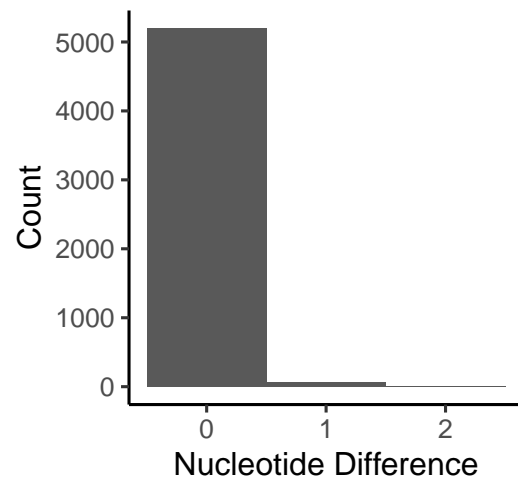
TRBV7-8*ap01

2175 sequences assigned
2156 (99.1%) exact matches, in which:
2112 unique CDR3
13 unique J



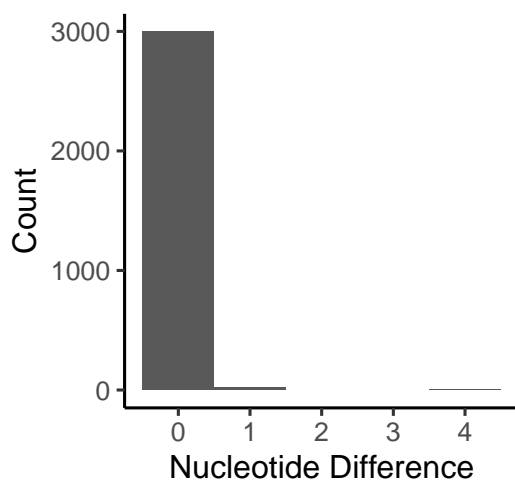
TRBV29-1*ap01

5261 sequences assigned
5197 (98.8%) exact matches, in which:
5105 unique CDR3
13 unique J



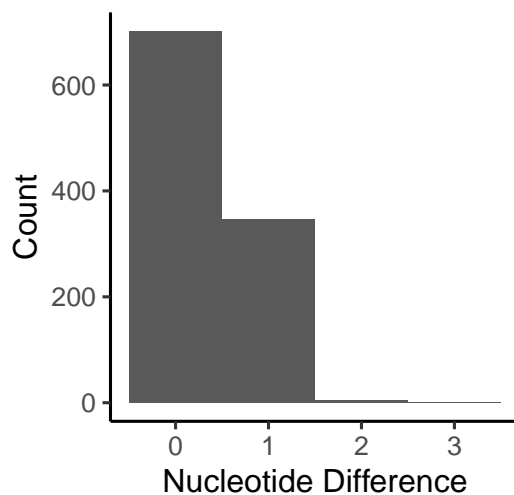
TRBV7-6*ap01

3023 sequences assigned
2997 (99.1%) exact matches, in which:
2928 unique CDR3
13 unique J



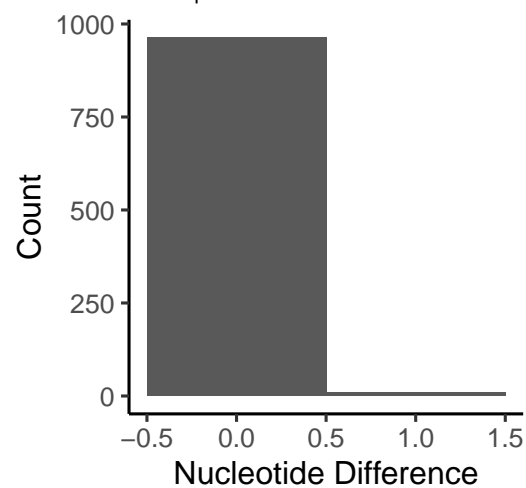
TRBV7-8*ap03

1054 sequences assigned
702 (66.6%) exact matches, in which:
690 unique CDR3
13 unique J



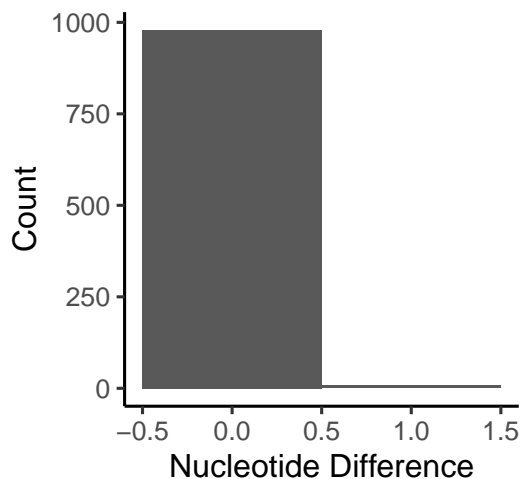
TRBV29-1*ap02

973 sequences assigned
963 (99%) exact matches, in which:
946 unique CDR3
13 unique J



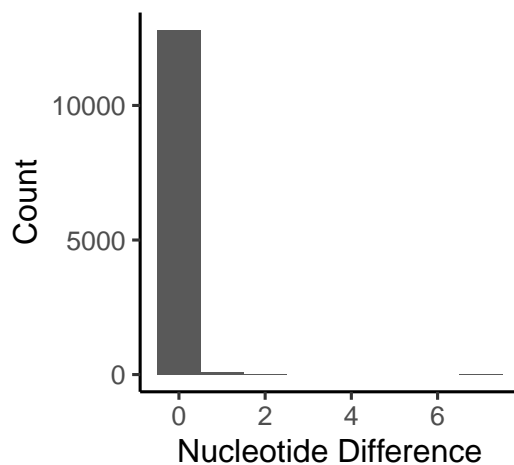
TRBV7-7*ap01

987 sequences assigned
979 (99.2%) exact matches, in which:
962 unique CDR3
13 unique J

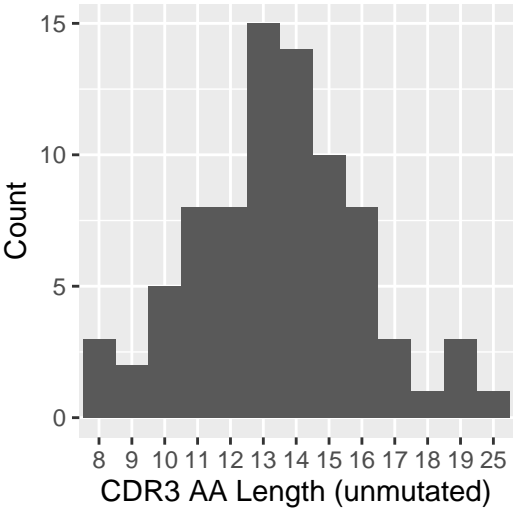


TRBV7-9*ap01

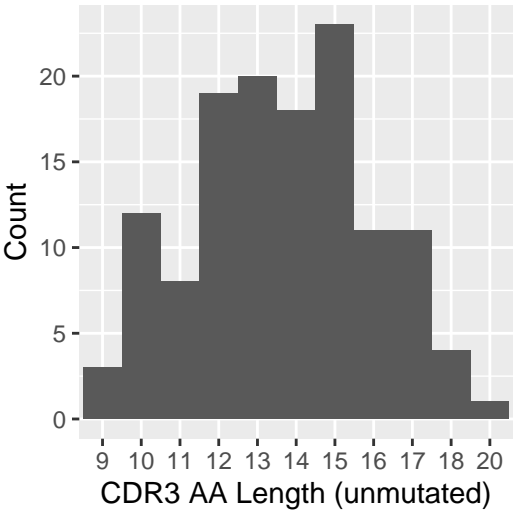
12915 sequences assigned
12812 (99.2%) exact matches, in which:
12596 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-1*ap01_G291C_T296C_C314T





Warning – no inferred sequences found.