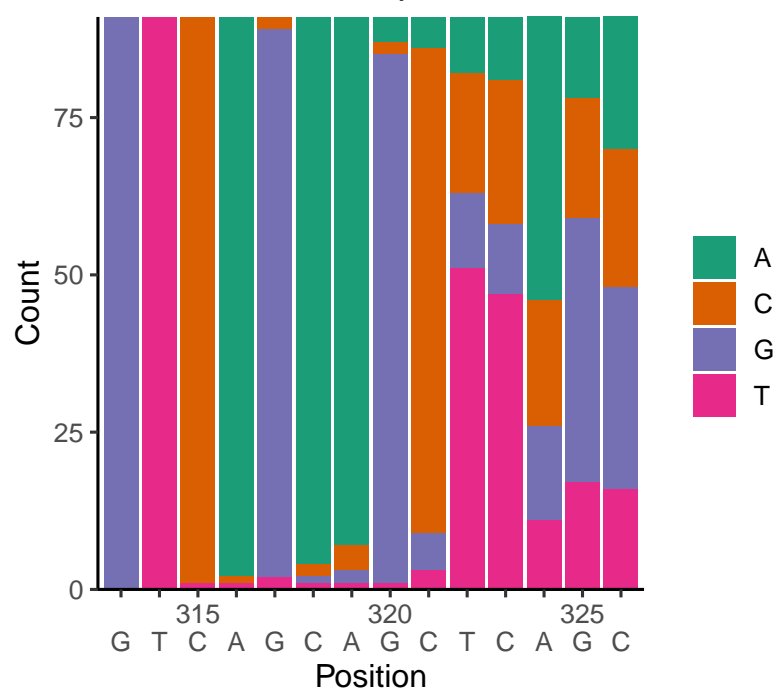
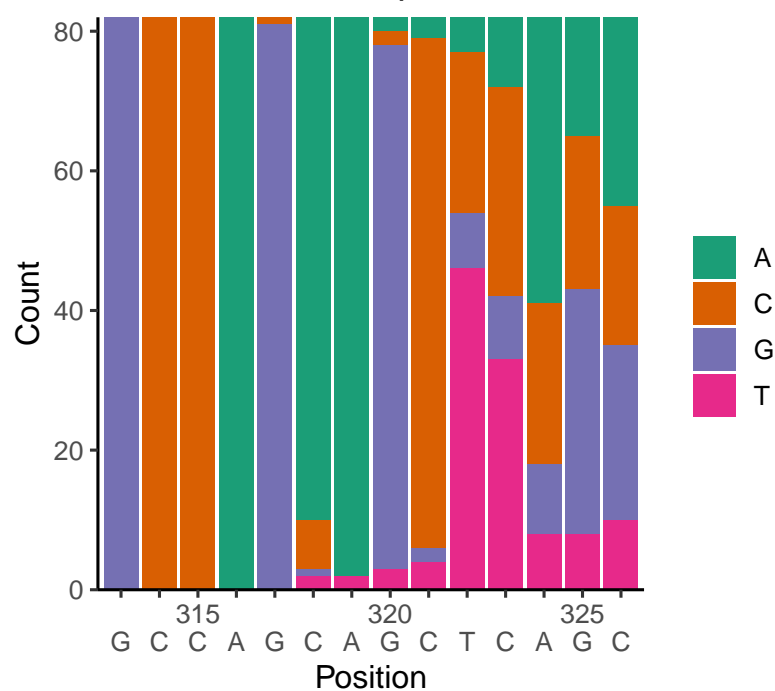


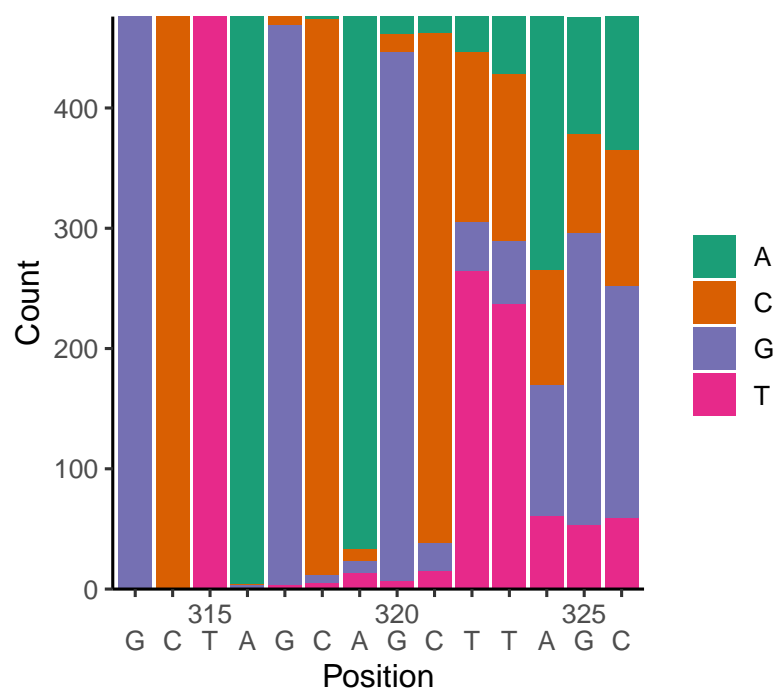
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



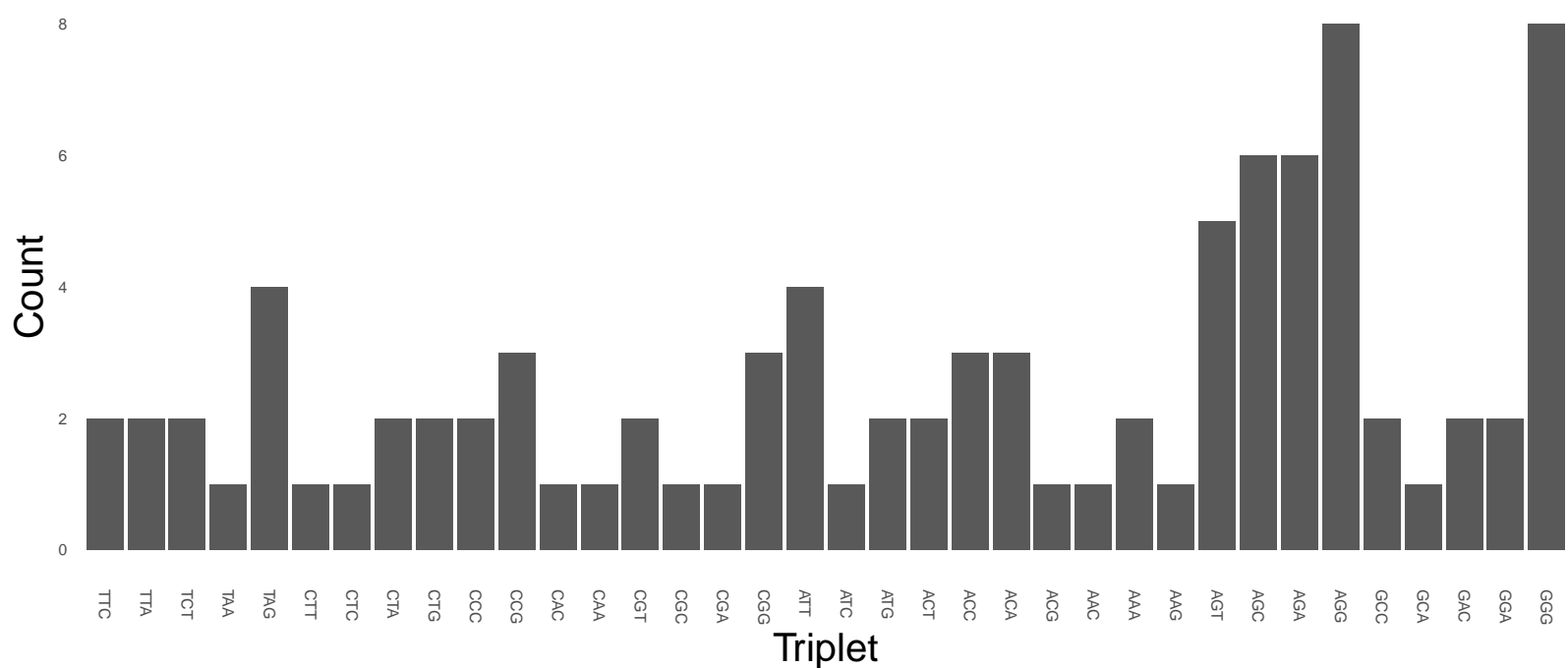
Gene TRBV7-1*ap01_G291C_T296C



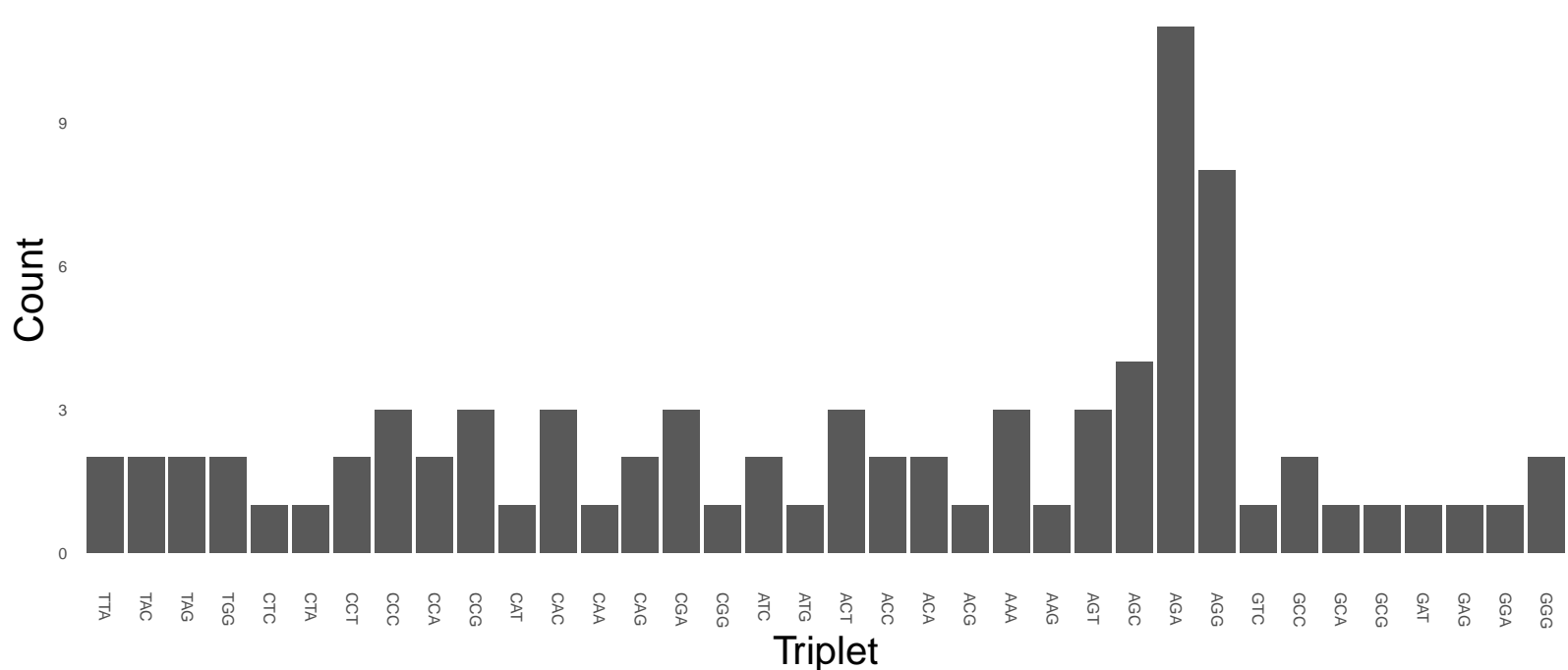
Gene TRBV7-7*ap01_C315T



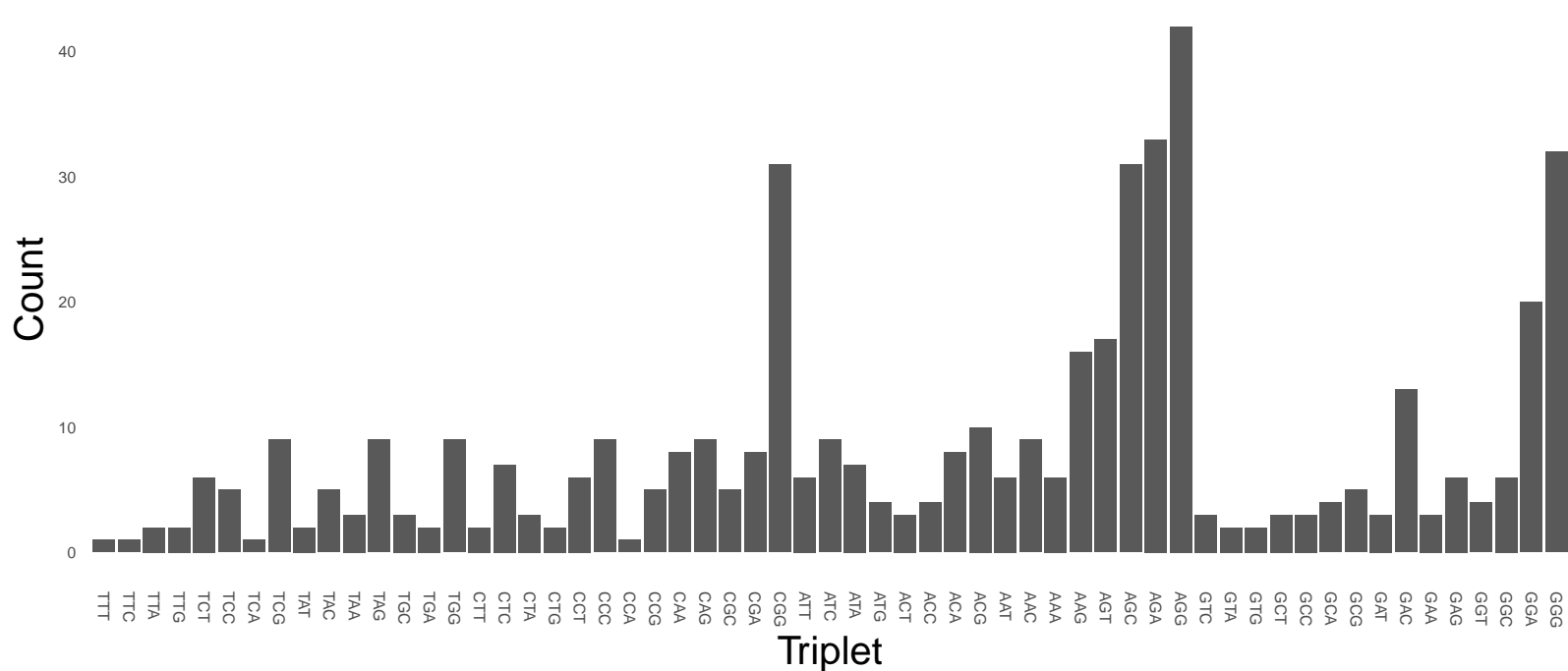
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

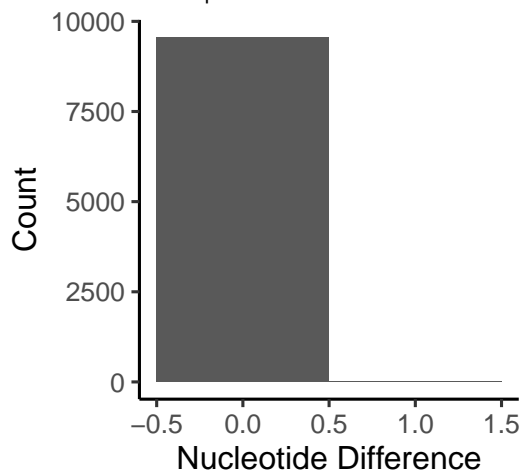


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



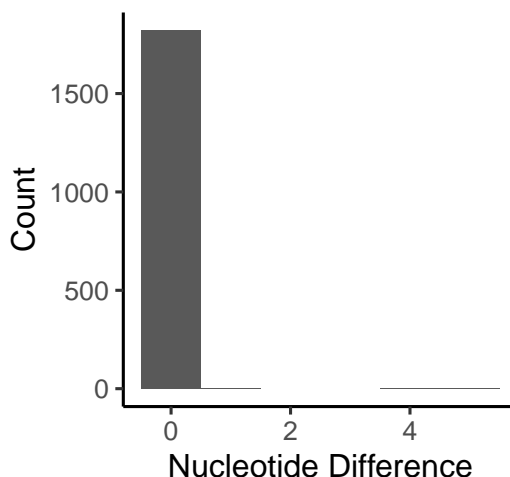
TRBV20-1*ap01

9581 sequences assigned
9562 (99.8%) exact matches, in which:
9552 unique CDR3
13 unique J



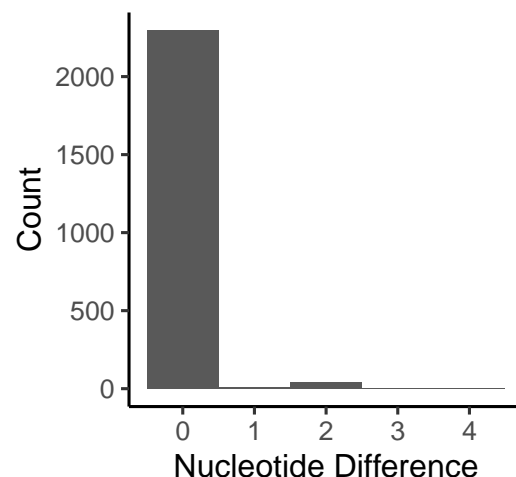
TRBV10-2*ap01

1825 sequences assigned
1821 (99.8%) exact matches, in which:
1821 unique CDR3
13 unique J



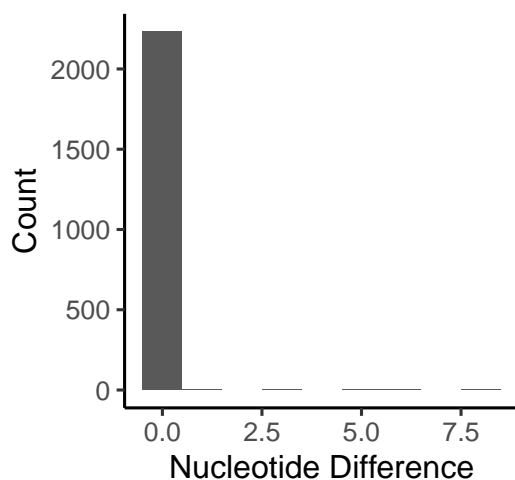
TRBV13*ap01

2344 sequences assigned
2296 (98%) exact matches, in which:
2294 unique CDR3
13 unique J



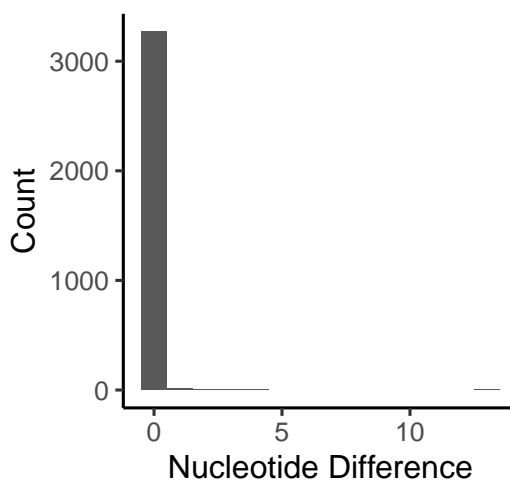
TRBV10-1*ap01

2238 sequences assigned
2232 (99.7%) exact matches, in which:
2229 unique CDR3
13 unique J



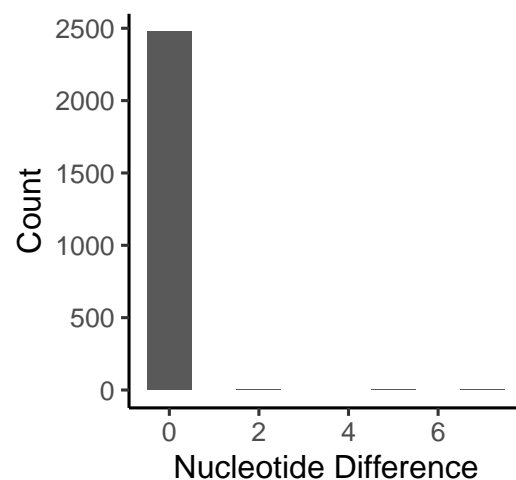
TRBV10-3*ap01

3286 sequences assigned
3269 (99.5%) exact matches, in which:
3269 unique CDR3
13 unique J



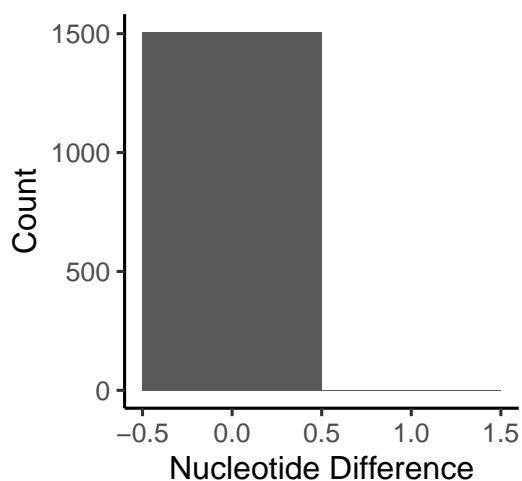
TRBV14*ap01

2479 sequences assigned
2476 (99.9%) exact matches, in which:
2476 unique CDR3
13 unique J



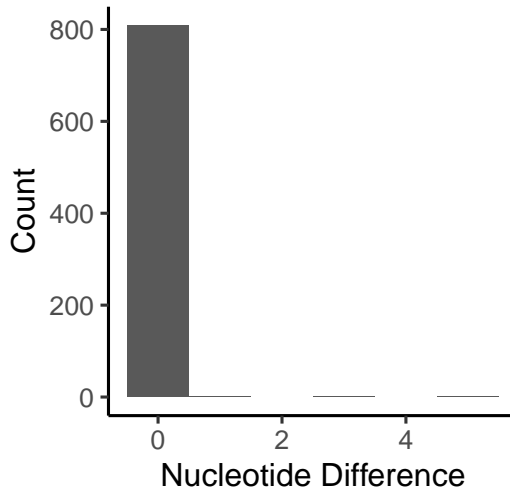
TRBV20-1*ap02

1509 sequences assigned
1507 (99.9%) exact matches, in which:
1507 unique CDR3
13 unique J



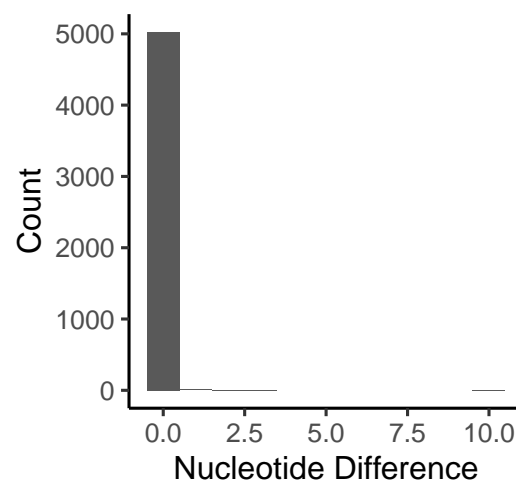
TRBV1*ap01

813 sequences assigned
809 (99.5%) exact matches, in which:
809 unique CDR3
13 unique J



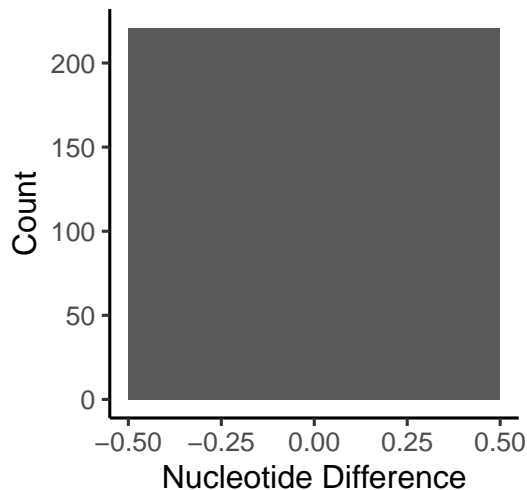
TRBV15*ap02

5037 sequences assigned
5025 (99.8%) exact matches, in which:
5022 unique CDR3
13 unique J



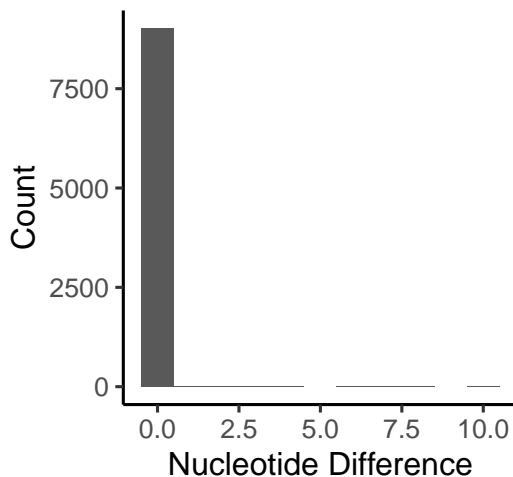
TRBV16*ap01

221 sequences assigned
221 (100%) exact matches, in which:
221 unique CDR3
13 unique J



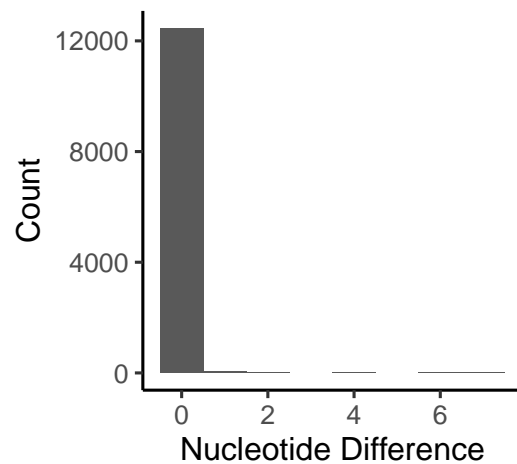
TRBV19*ap01

9039 sequences assigned
9017 (99.8%) exact matches, in which:
9017 unique CDR3
14 unique J



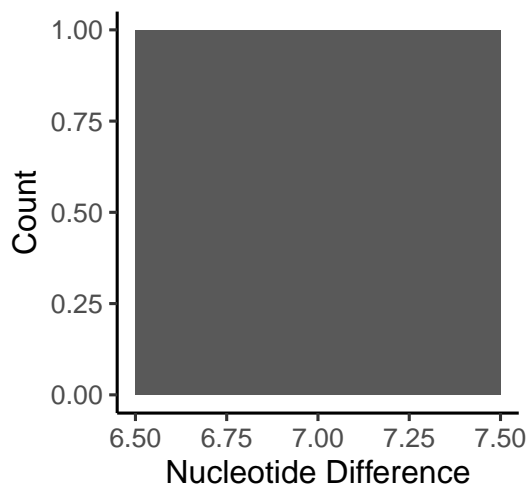
TRBV27*ap01

12513 sequences assigned
12460 (99.6%) exact matches, in which:
12420 unique CDR3
13 unique J



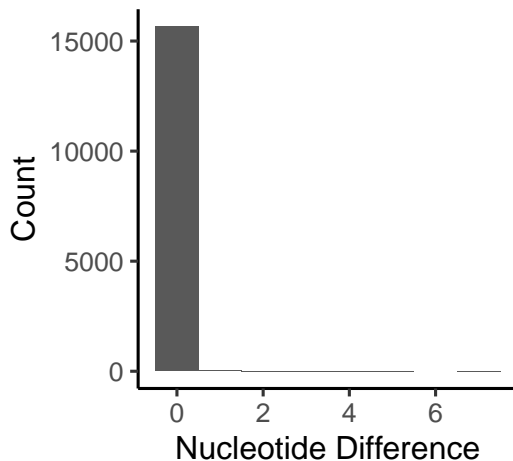
TRBV17*ap01

1 sequences assigned
No exact matches.



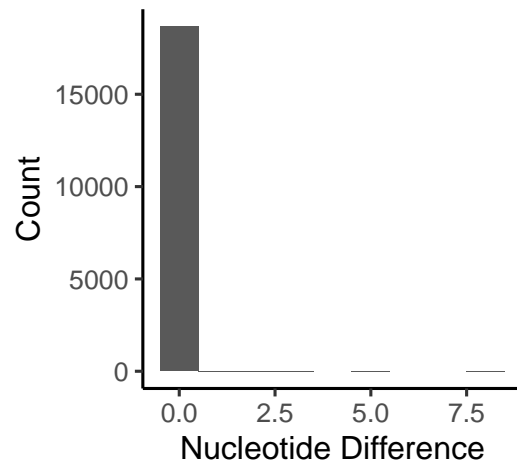
TRBV2*ap01

15716 sequences assigned
15662 (99.7%) exact matches, in which:
15607 unique CDR3
13 unique J



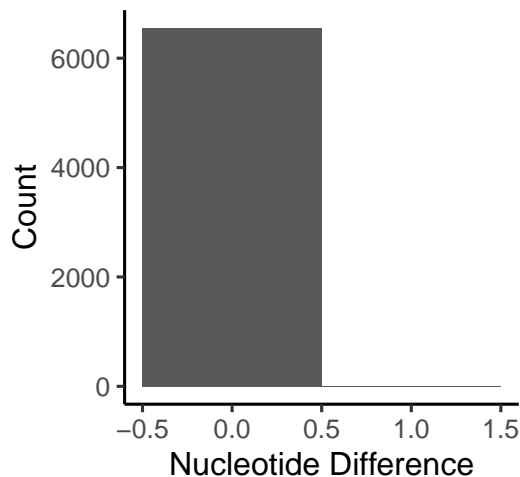
TRBV28*ap01

18704 sequences assigned
18672 (99.8%) exact matches, in which:
18668 unique CDR3
13 unique J



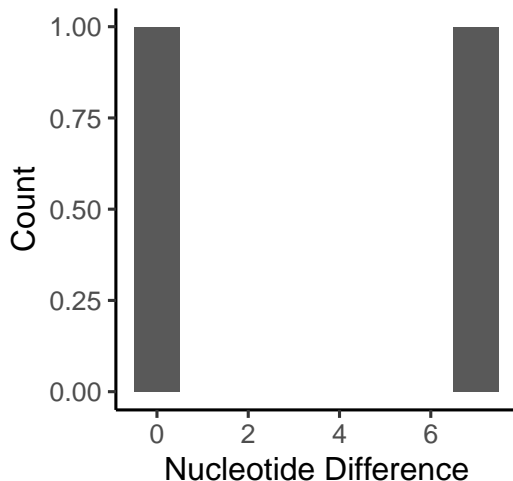
TRBV18*ap01

6562 sequences assigned
6551 (99.8%) exact matches, in which:
6551 unique CDR3
13 unique J



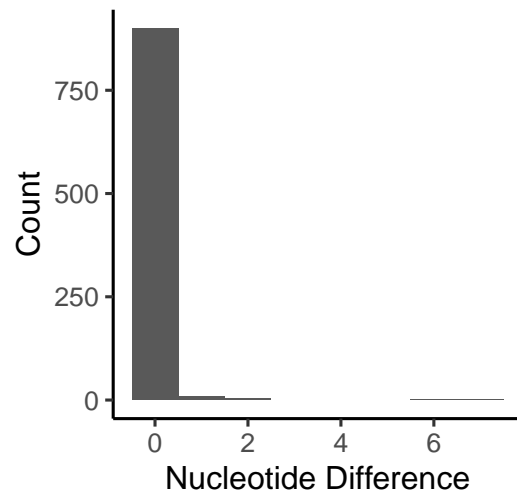
TRBV26*ap01

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



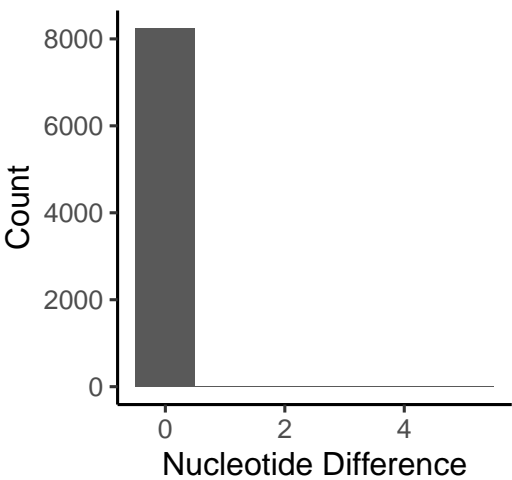
TRBV30*ap02

914 sequences assigned
900 (98.5%) exact matches, in which:
894 unique CDR3
13 unique J



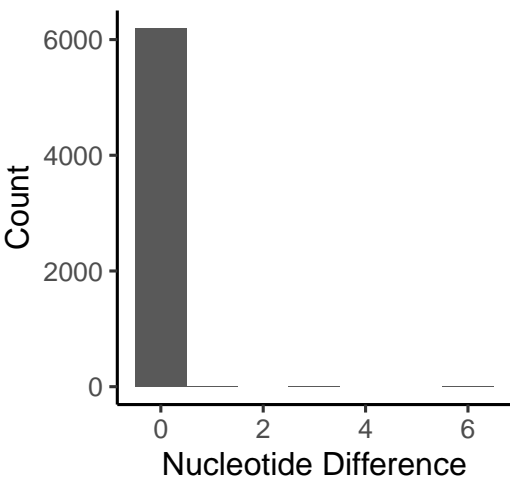
TRBV9*ap01

8261 sequences assigned
8241 (99.8%) exact matches, in which:
8235 unique CDR3
13 unique J



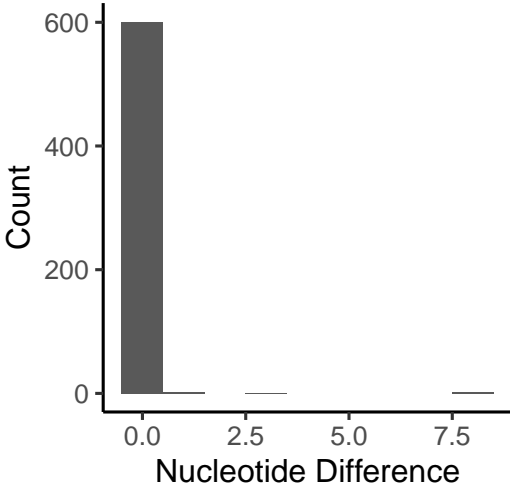
TRBV11-2*ap01

6207 sequences assigned
6193 (99.8%) exact matches, in which:
6191 unique CDR3
13 unique J



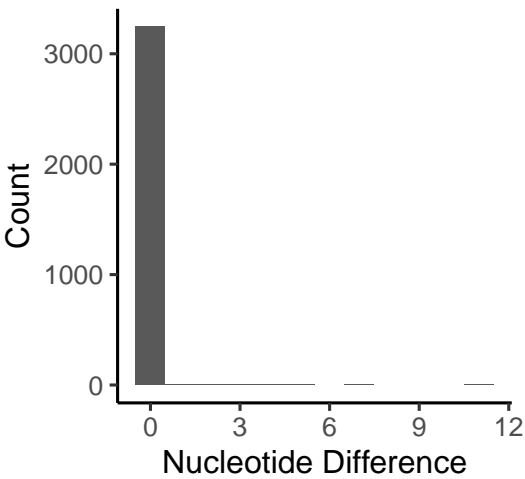
TRBV12-2*ap01

606 sequences assigned
601 (99.2%) exact matches, in which:
601 unique CDR3
13 unique J



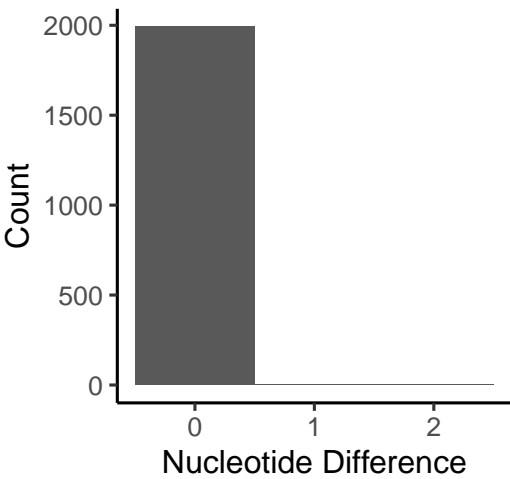
TRBV21-1*ap01

3264 sequences assigned
3245 (99.4%) exact matches, in which:
3245 unique CDR3
13 unique J



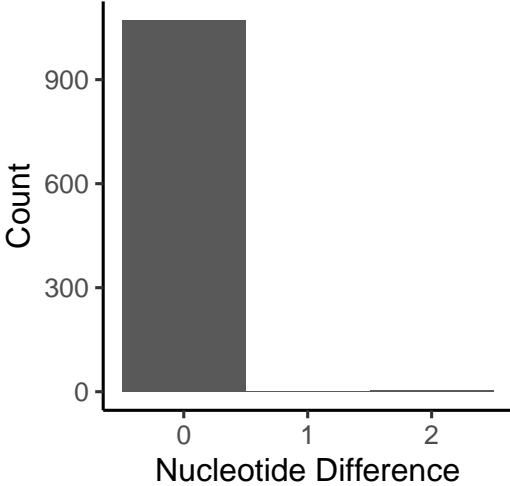
TRBV11-3*ap01

1996 sequences assigned
1992 (99.8%) exact matches, in which:
1992 unique CDR3
13 unique J



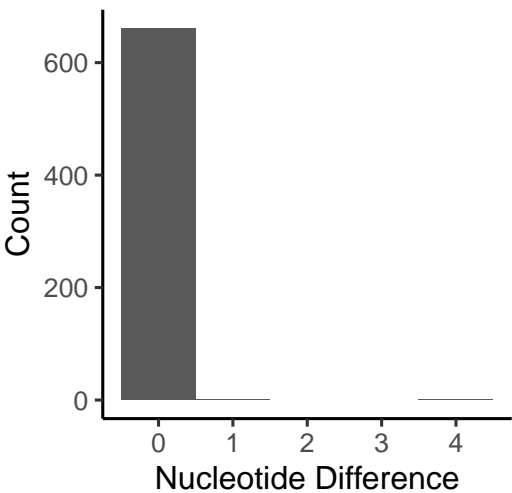
TRBV12-5*ap01

1076 sequences assigned
1072 (99.6%) exact matches, in which:
1072 unique CDR3
13 unique J



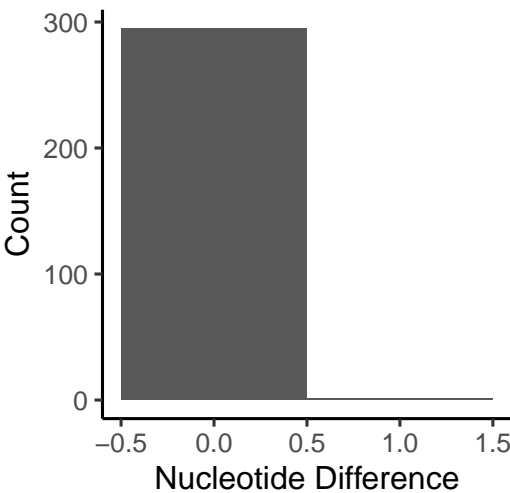
TRBV11-1*ap01

663 sequences assigned
661 (99.7%) exact matches, in which:
660 unique CDR3
13 unique J



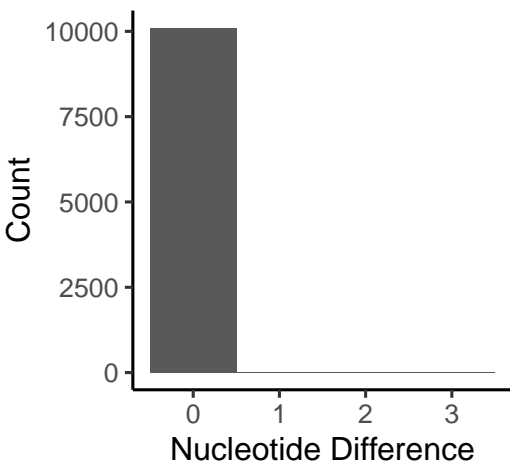
TRBV12-1*ap01

296 sequences assigned
295 (99.7%) exact matches, in which:
295 unique CDR3
13 unique J



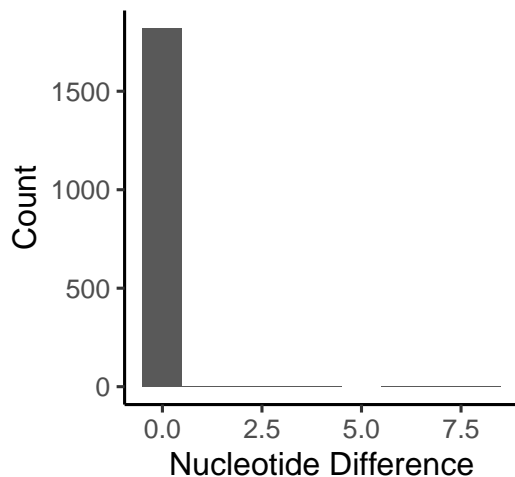
TRBV12-34*ap01

10124 sequences assigned
10104 (99.8%) exact matches, in which:
10100 unique CDR3
13 unique J



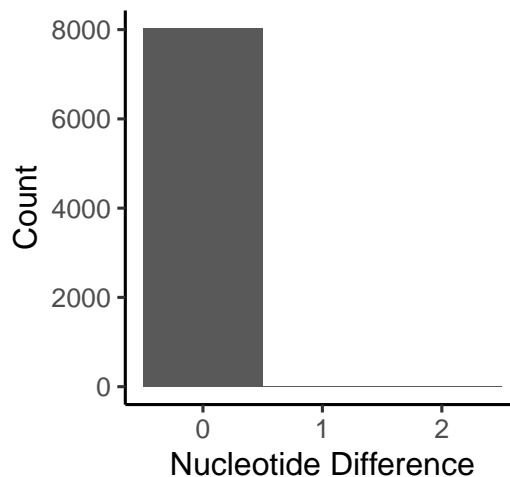
TRBV23-1*ap01

1826 sequences assigned
1819 (99.6%) exact matches, in which:
1819 unique CDR3
13 unique J



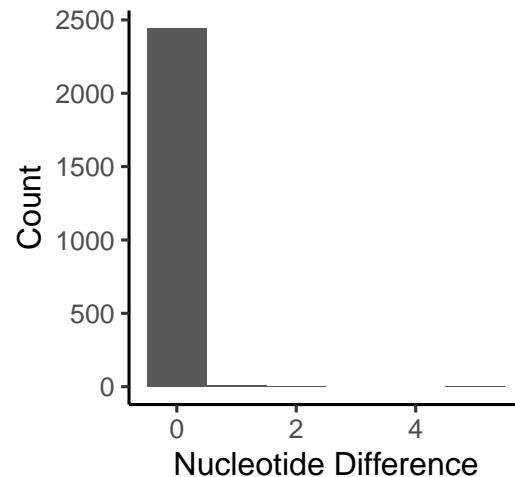
TRBV4-1*ap01

8040 sequences assigned
8027 (99.8%) exact matches, in which:
8025 unique CDR3
13 unique J



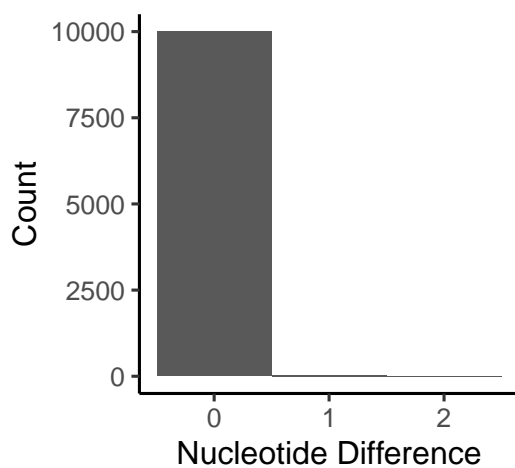
TRBV25-1*ap01

2457 sequences assigned
2442 (99.4%) exact matches, in which:
2435 unique CDR3
13 unique J



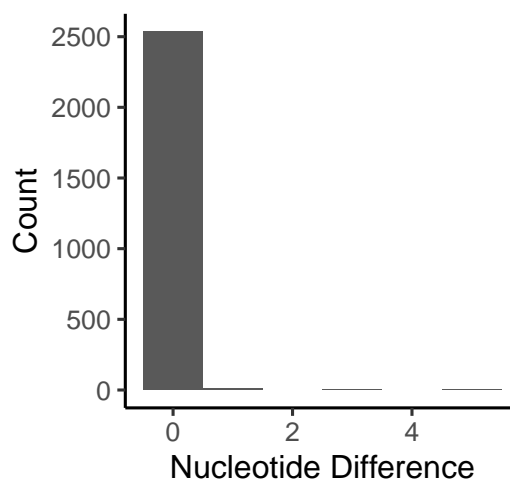
TRBV3-12*ap01

10048 sequences assigned
10004 (99.6%) exact matches, in which:
9965 unique CDR3
13 unique J



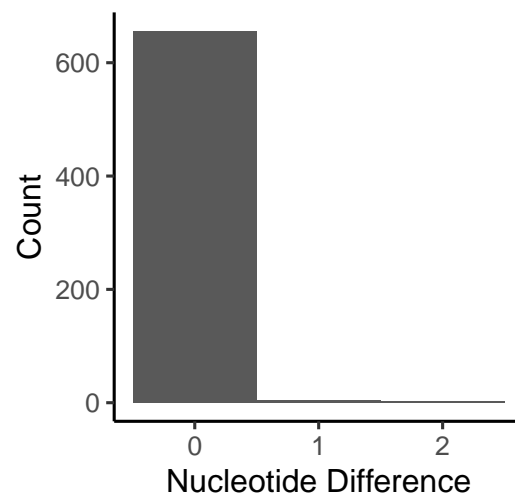
TRBV4-2*ap01

2551 sequences assigned
2535 (99.4%) exact matches, in which:
2535 unique CDR3
13 unique J



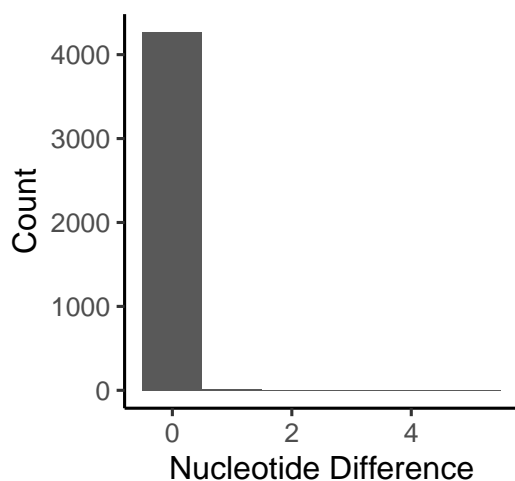
TRBV5-3*ap01

662 sequences assigned
656 (99.1%) exact matches, in which:
656 unique CDR3
13 unique J



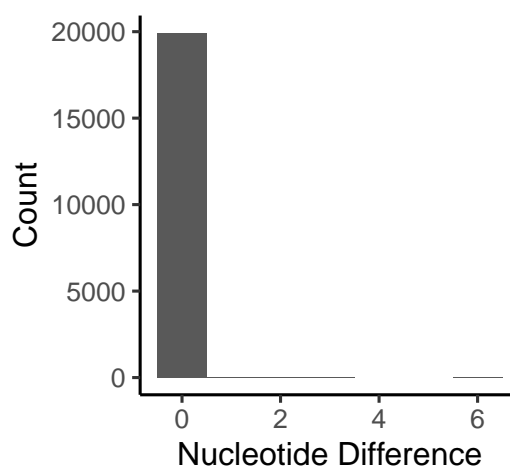
TRBV24-1*ap01

4287 sequences assigned
4269 (99.6%) exact matches, in which:
4256 unique CDR3
13 unique J



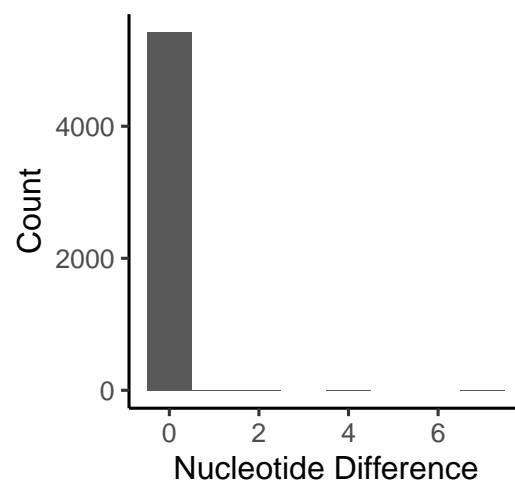
TRBV5-1*ap01

19988 sequences assigned
19935 (99.7%) exact matches, in which:
19894 unique CDR3
13 unique J



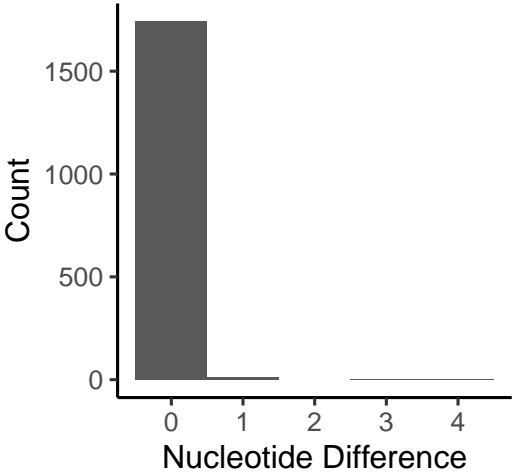
TRBV5-4*ap01

5440 sequences assigned
5427 (99.8%) exact matches, in which:
5426 unique CDR3
13 unique J



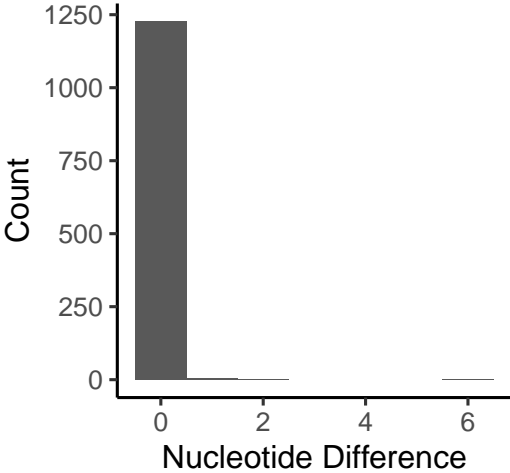
TRBV5-5*ap01

1754 sequences assigned
1742 (99.3%) exact matches, in which:
1742 unique CDR3
13 unique J



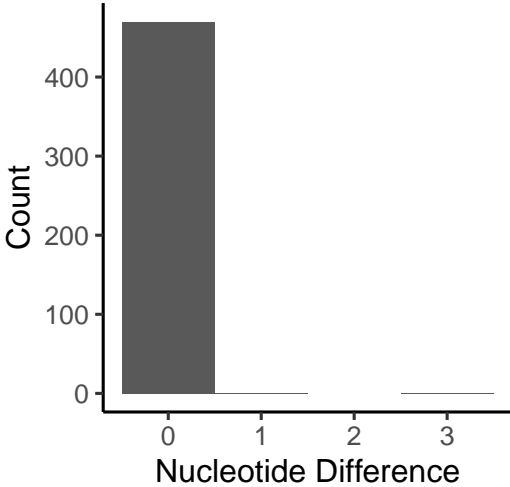
TRBV5-8*ap01

1234 sequences assigned
1227 (99.4%) exact matches, in which:
1227 unique CDR3
13 unique J



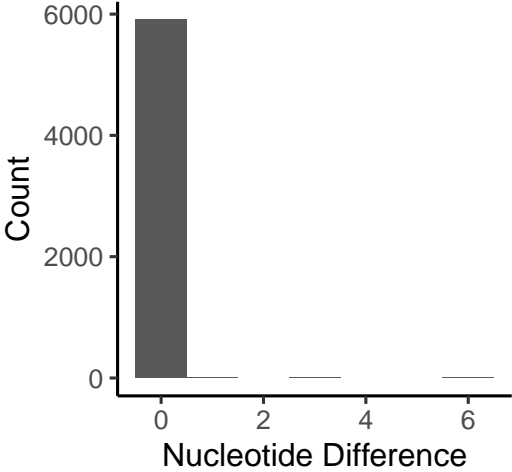
TRBV6-7*ap01

472 sequences assigned
470 (99.6%) exact matches, in which:
469 unique CDR3
14 unique J



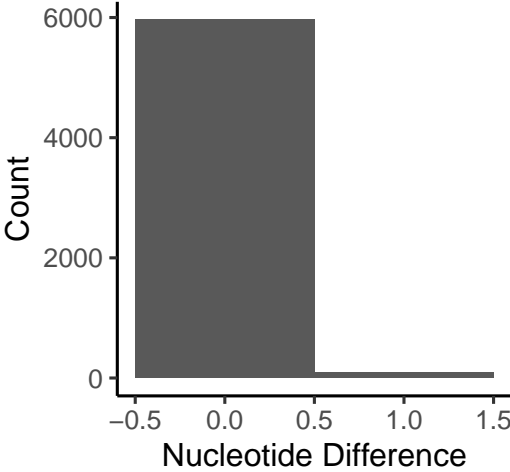
TRBV5-6*ap01

5922 sequences assigned
5907 (99.7%) exact matches, in which:
5894 unique CDR3
13 unique J



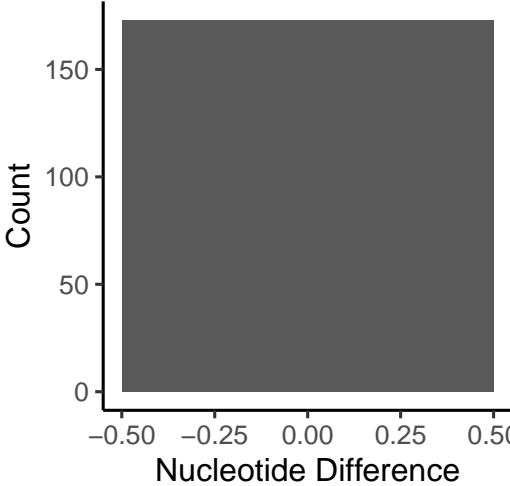
TRBV6-1*ap01

6061 sequences assigned
5963 (98.4%) exact matches, in which:
5952 unique CDR3
13 unique J



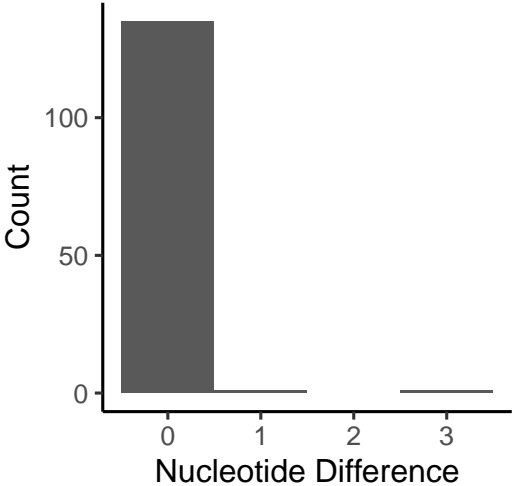
TRBV6-8*ap01

173 sequences assigned
173 (100%) exact matches, in which:
172 unique CDR3
13 unique J



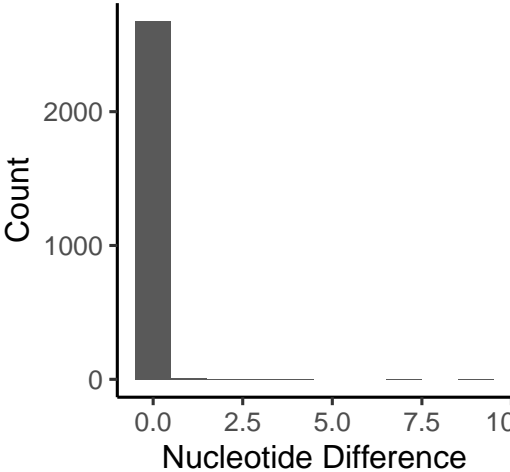
TRBV5-7*ap01

137 sequences assigned
135 (98.5%) exact matches, in which:
135 unique CDR3
12 unique J



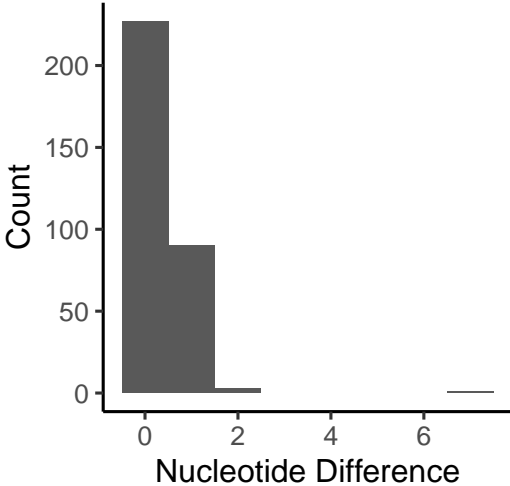
TRBV6-4*ap01

2690 sequences assigned
2677 (99.5%) exact matches, in which:
2677 unique CDR3
13 unique J



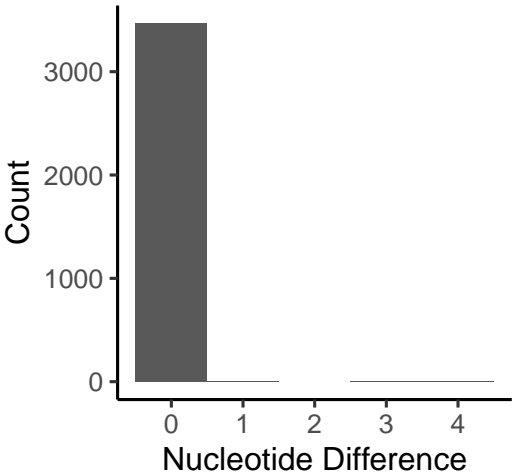
TRBV6-9*ap01

321 sequences assigned
227 (70.7%) exact matches, in which:
227 unique CDR3
13 unique J



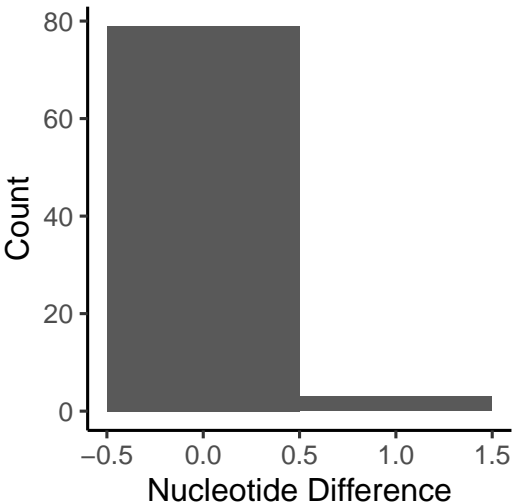
TRBV6-23*ap01

3479 sequences assigned
3467 (99.7%) exact matches, in which:
3448 unique CDR3
13 unique J



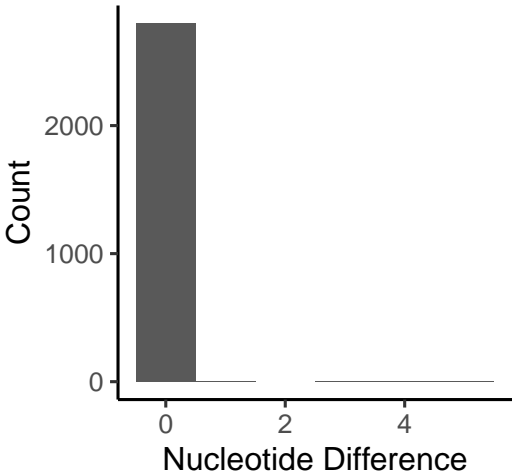
TRBV7-1*ap01_G291C_T

82 sequences assigned
79 (96.3%) exact matches, in which:
79 unique CDR3
13 unique J



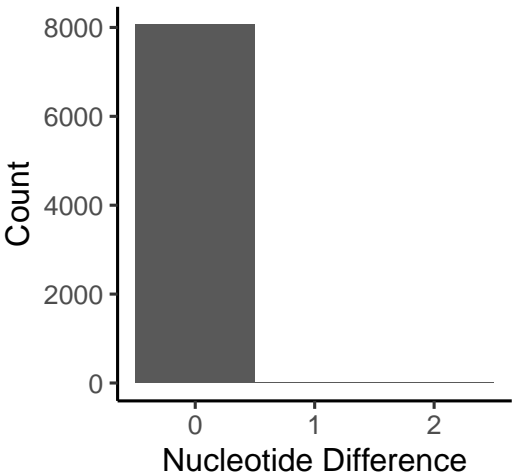
TRBV7-3*ap01

2808 sequences assigned
2798 (99.6%) exact matches, in which:
2794 unique CDR3
12 unique J



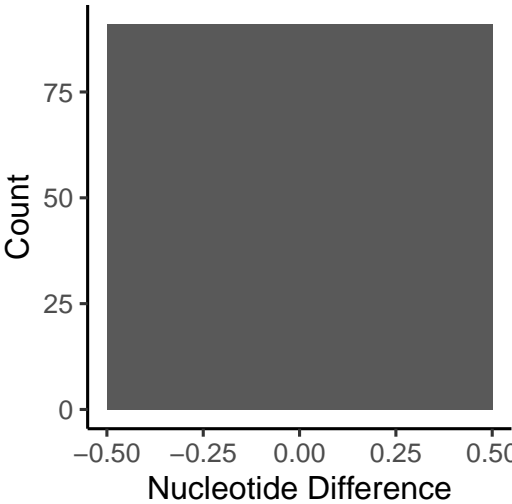
TRBV6-56*ap01

8083 sequences assigned
8061 (99.7%) exact matches, in which:
8047 unique CDR3
13 unique J



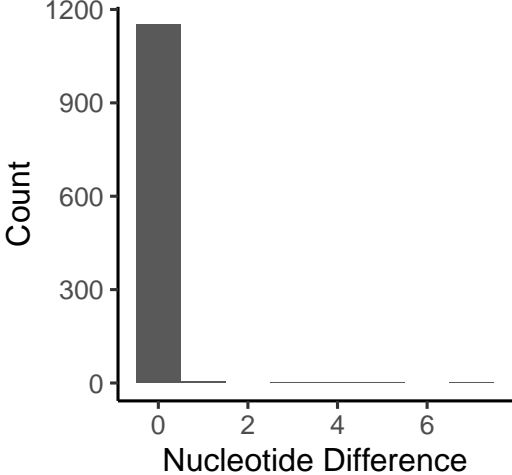
TRBV7-1*ap01_G291C_T

91 sequences assigned
91 (100%) exact matches, in which:
91 unique CDR3
11 unique J



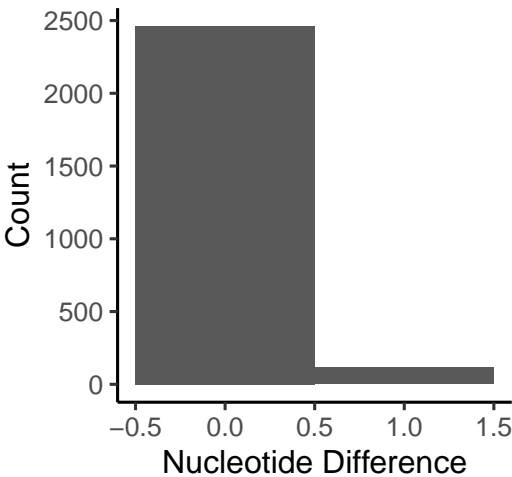
TRBV7-3*ap03

1160 sequences assigned
1151 (99.2%) exact matches, in which:
1150 unique CDR3
13 unique J



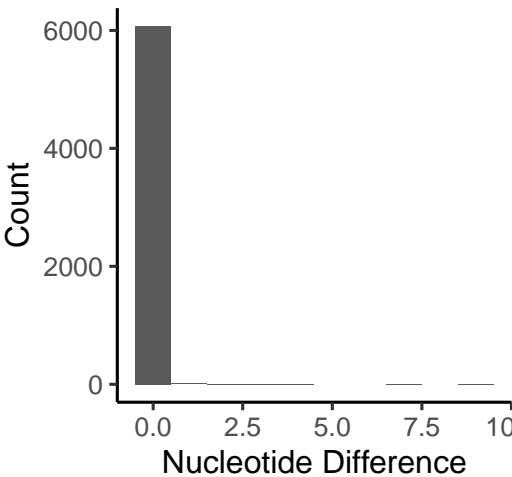
TRBV6-56*ap02

2578 sequences assigned
2462 (95.5%) exact matches, in which:
2457 unique CDR3
13 unique J



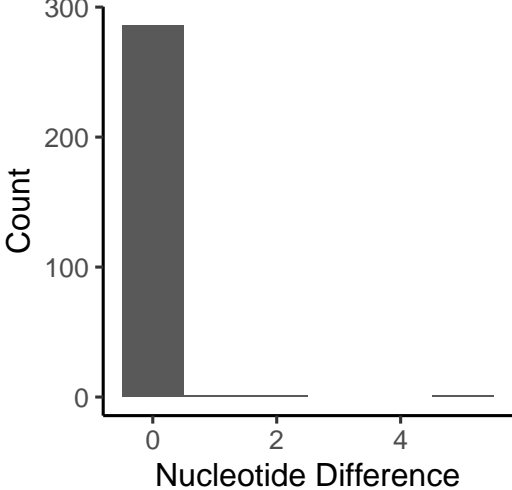
TRBV7-2*ap01

6093 sequences assigned
6074 (99.7%) exact matches, in which:
6074 unique CDR3
13 unique J



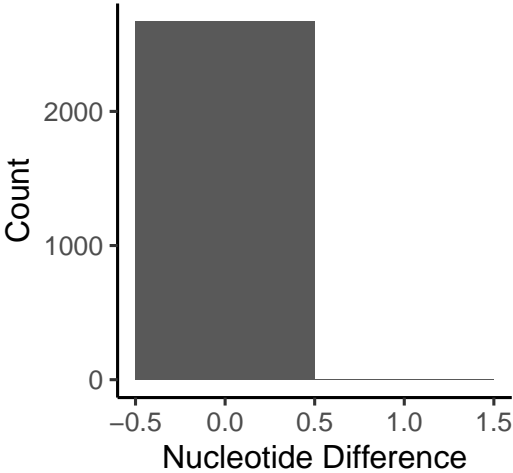
TRBV7-4*ap01

289 sequences assigned
286 (99%) exact matches, in which:
286 unique CDR3
13 unique J



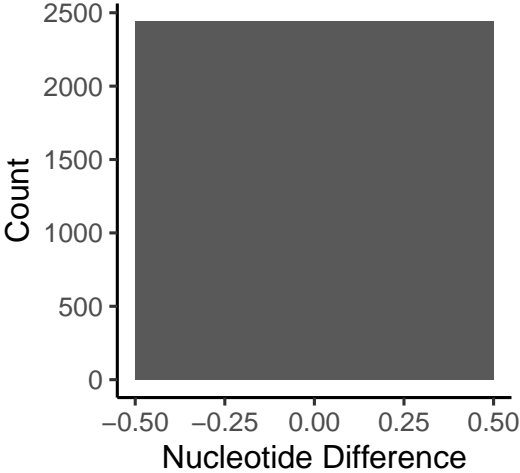
TRBV7-6*ap01

2674 sequences assigned
2671 (99.9%) exact matches, in which:
2671 unique CDR3
13 unique J



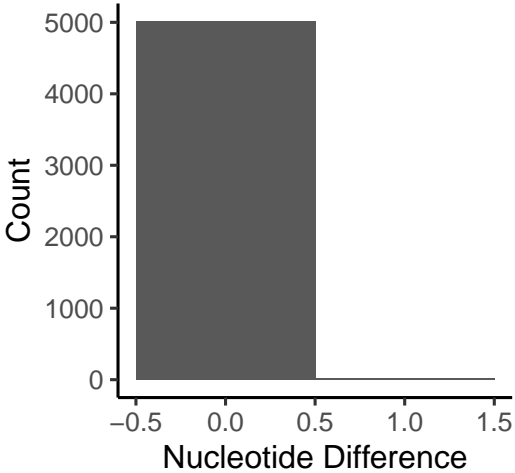
TRBV7-8*ap01

2441 sequences assigned
2441 (100%) exact matches, in which:
2441 unique CDR3
13 unique J



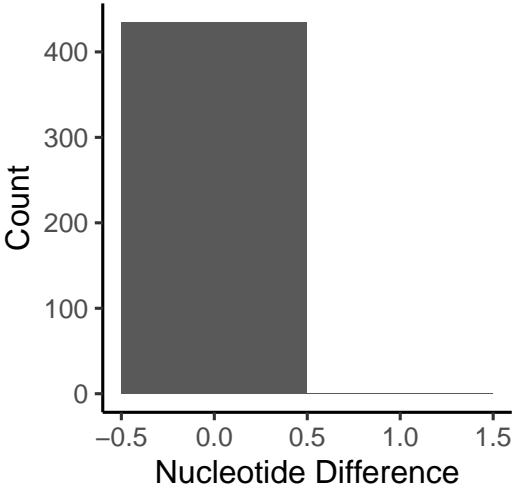
TRBV29-1*ap01

5027 sequences assigned
5013 (99.7%) exact matches, in which:
4996 unique CDR3
13 unique J



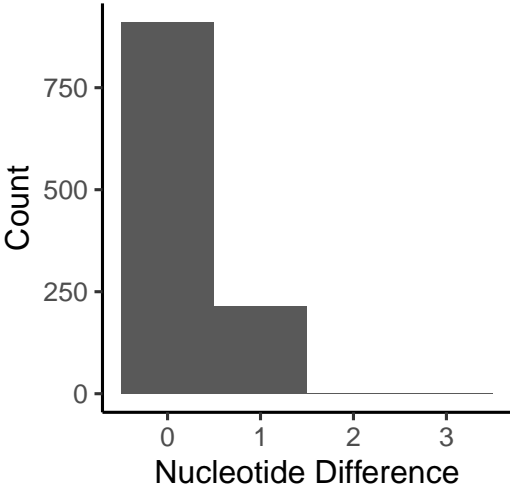
TRBV7-7*ap01

436 sequences assigned
435 (99.8%) exact matches, in which:
435 unique CDR3
13 unique J



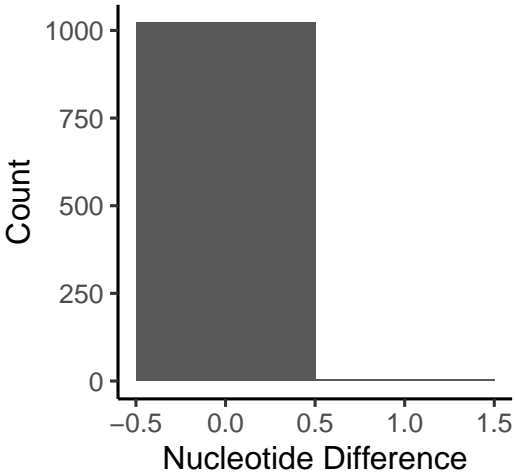
TRBV7-8*ap03

1127 sequences assigned
911 (80.8%) exact matches, in which:
911 unique CDR3
13 unique J



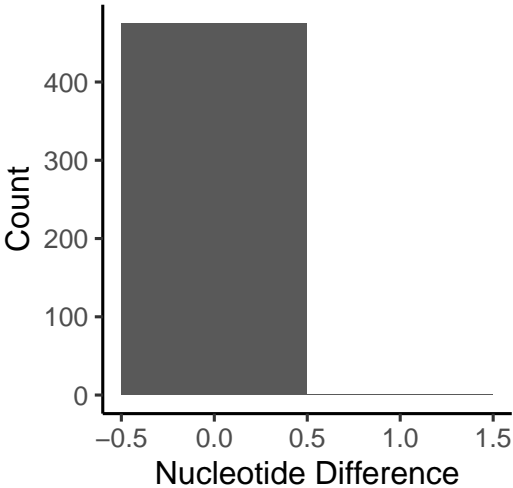
TRBV29-1*ap02

1026 sequences assigned
1022 (99.6%) exact matches, in which:
1020 unique CDR3
13 unique J



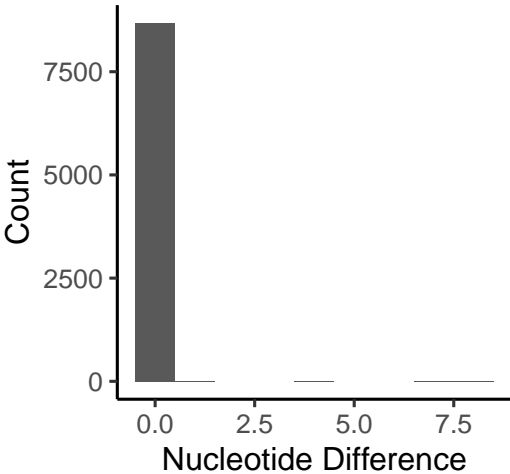
TRBV7-7*ap01_C315T

476 sequences assigned
475 (99.8%) exact matches, in which:
474 unique CDR3
13 unique J

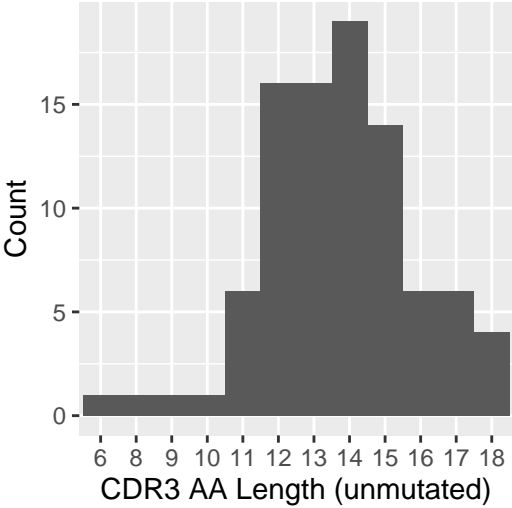


TRBV7-9*ap01

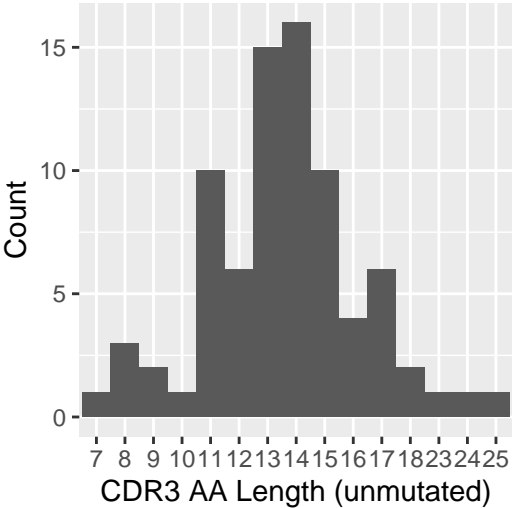
8689 sequences assigned
8679 (99.9%) exact matches, in which:
8678 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

