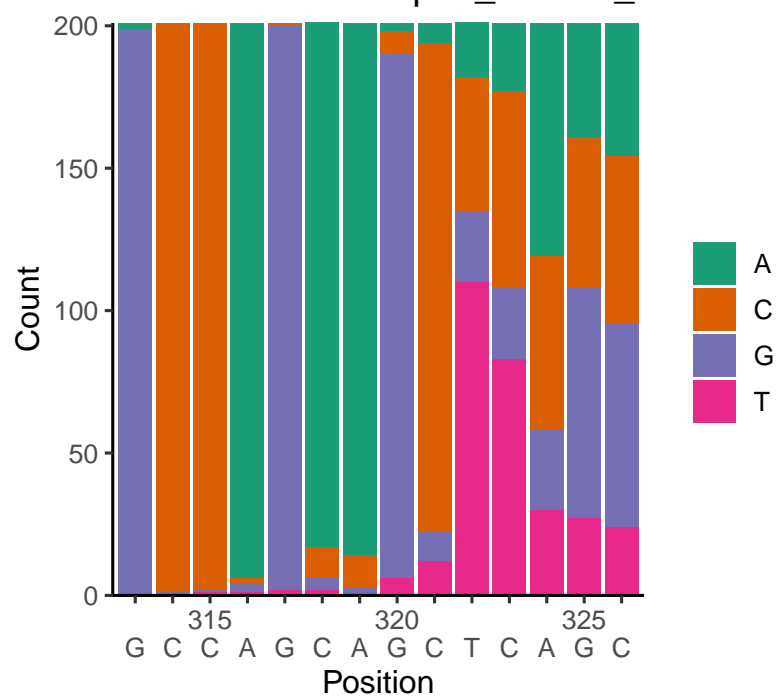
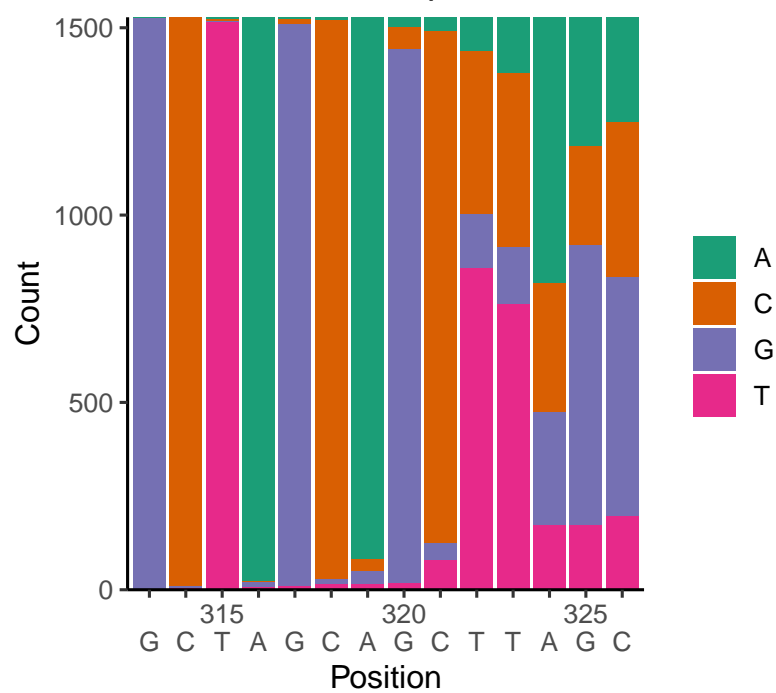


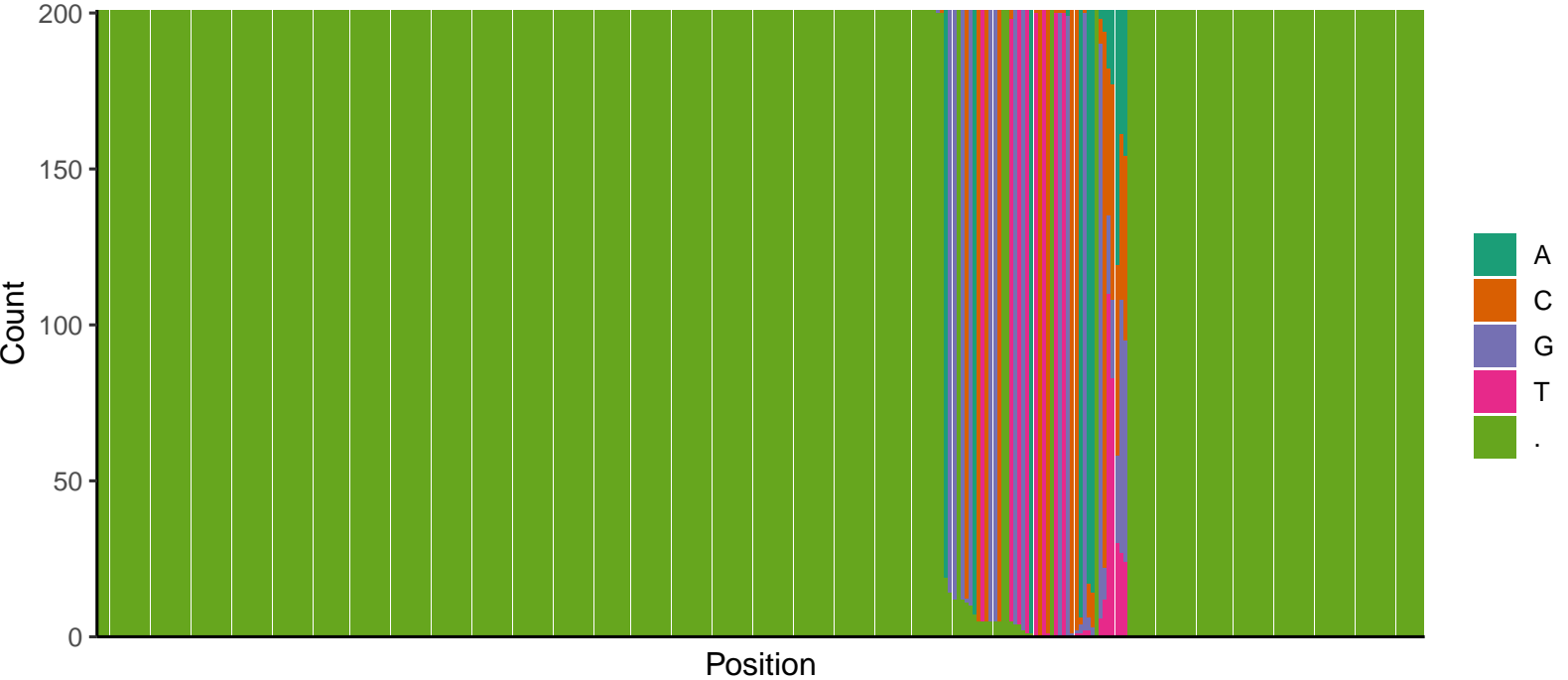
Gene TRBV7-1*ap01_G291C_T296C



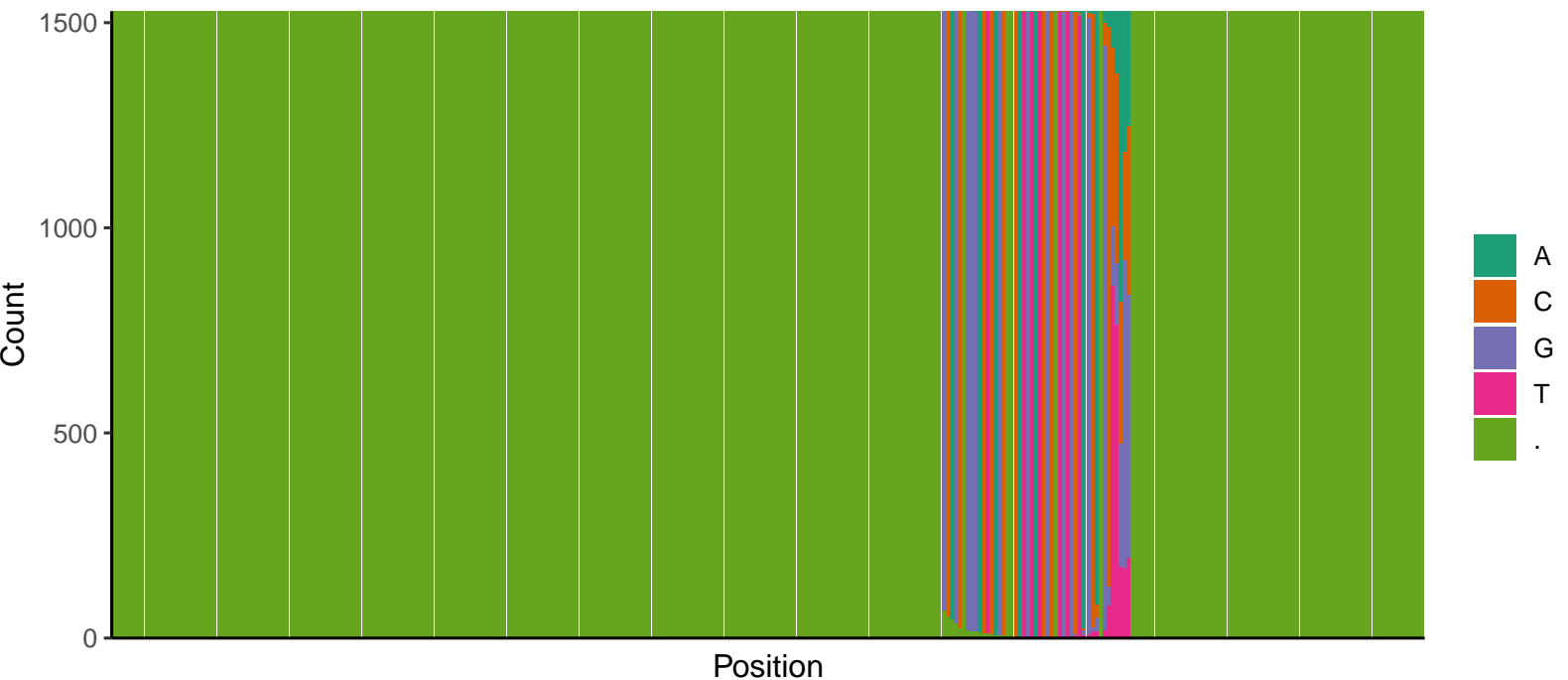
Gene TRBV7-7*ap01_C315T



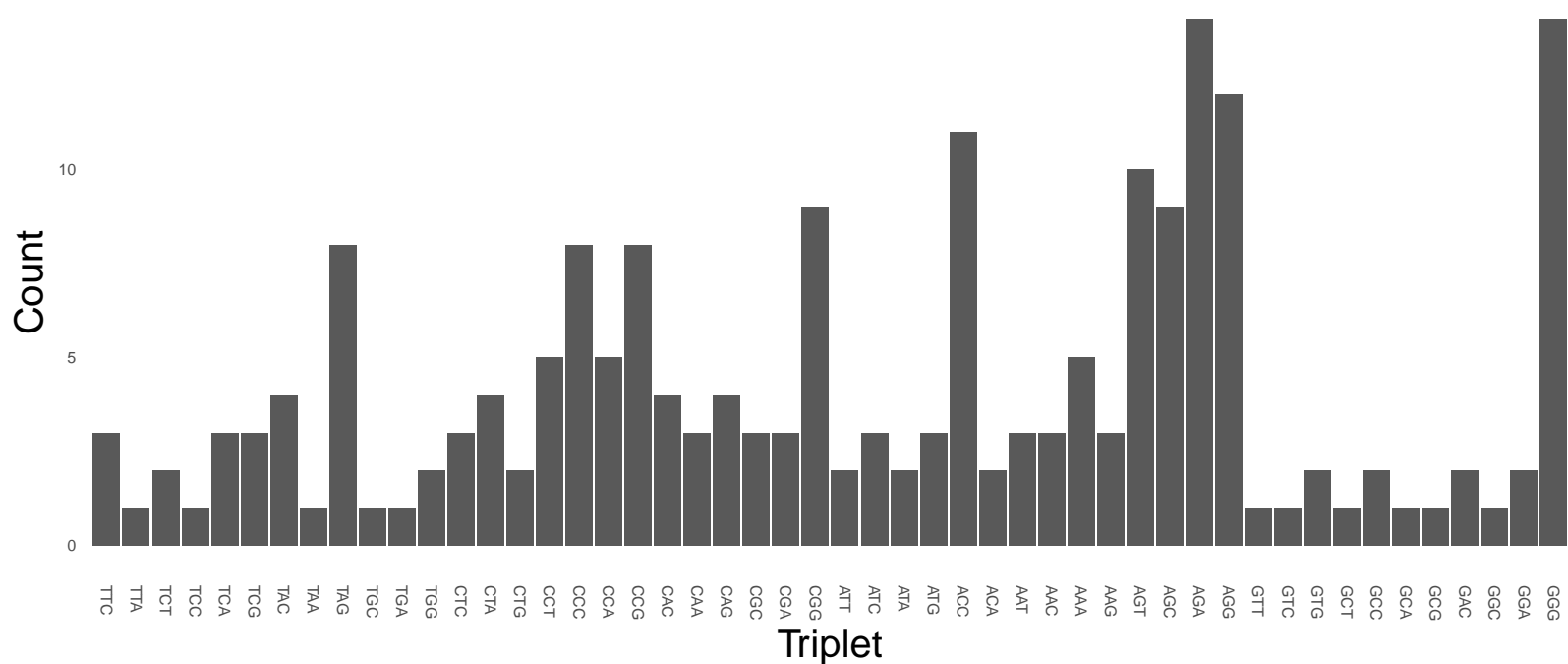
Gene TRBV7-1*ap01_G291C_T296C



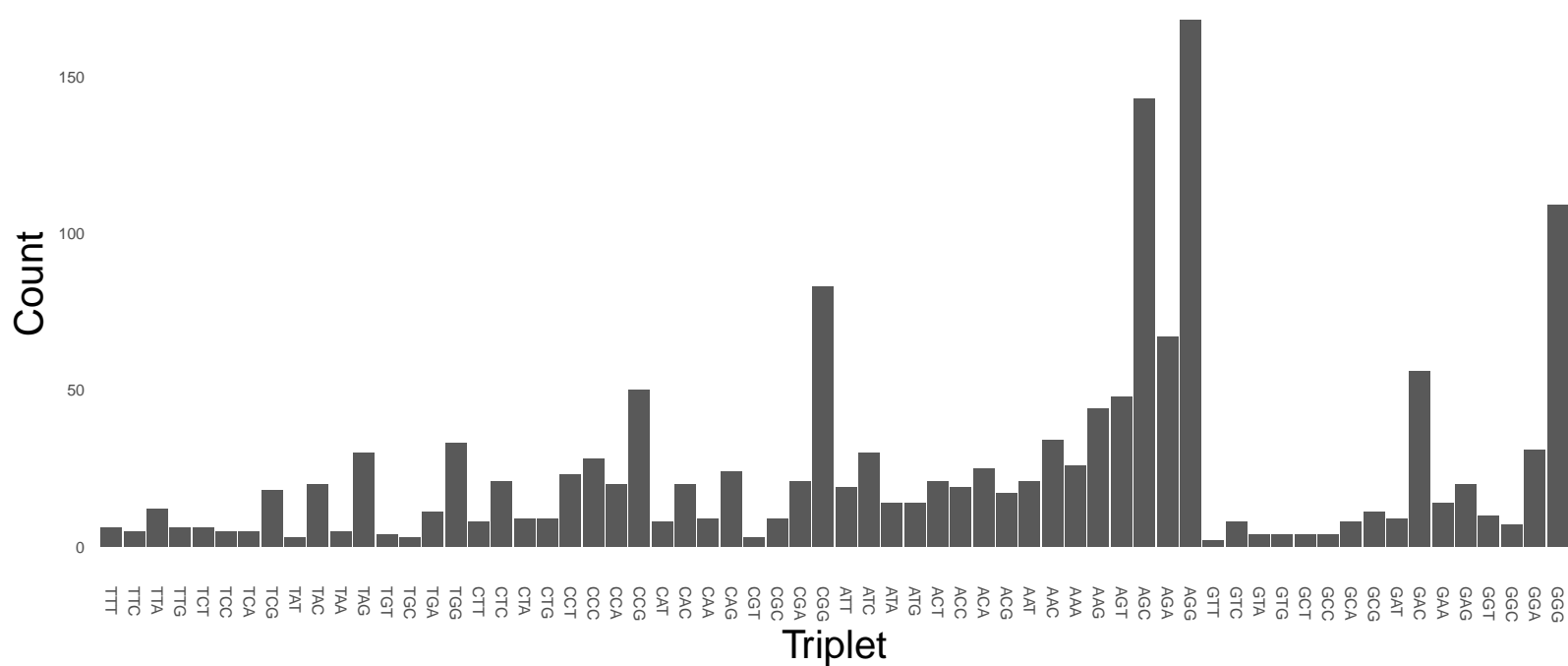
Gene TRBV7-7*ap01_C315T



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

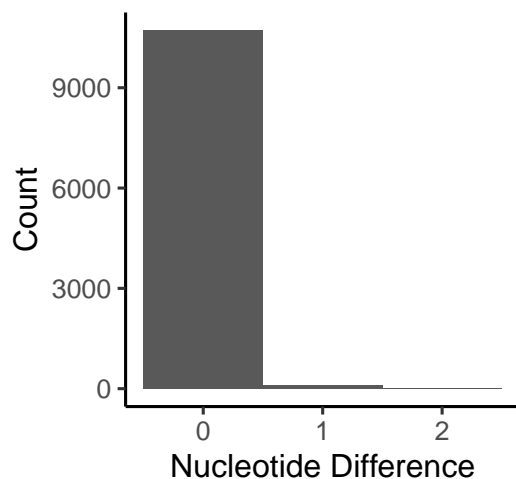


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



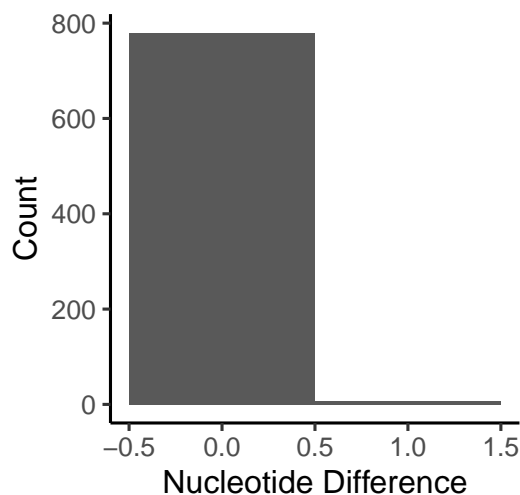
TRBV20-1*ap01

10815 sequences assigned
10715 (99.1%) exact matches, in which:
10587 unique CDR3
13 unique J



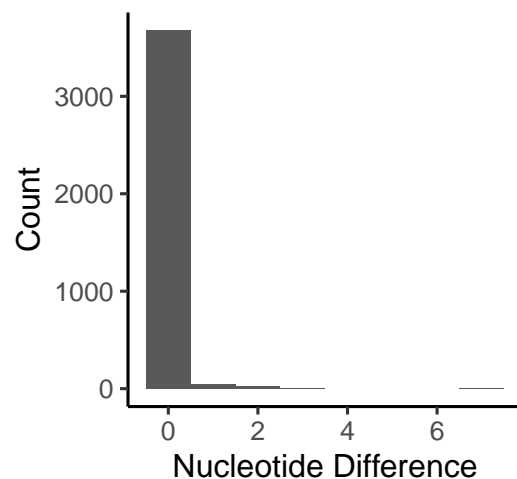
TRBV10-2*ap01

787 sequences assigned
780 (99.1%) exact matches, in which:
768 unique CDR3
13 unique J



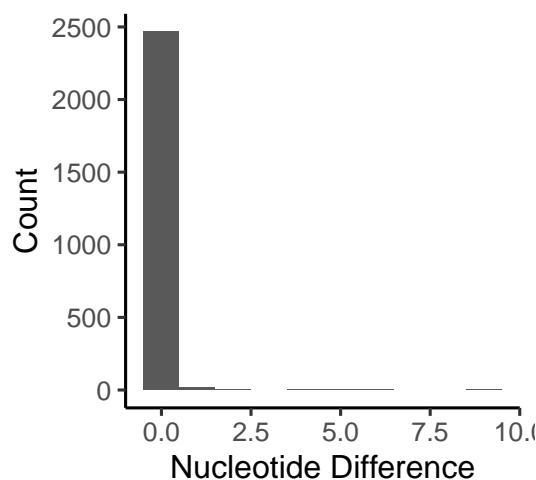
TRBV13*ap01

3754 sequences assigned
3676 (97.9%) exact matches, in which:
3585 unique CDR3
13 unique J



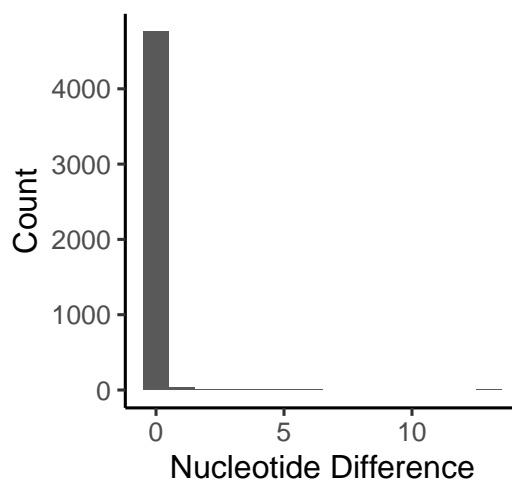
TRBV10-1*ap01

2495 sequences assigned
2467 (98.9%) exact matches, in which:
2414 unique CDR3
13 unique J



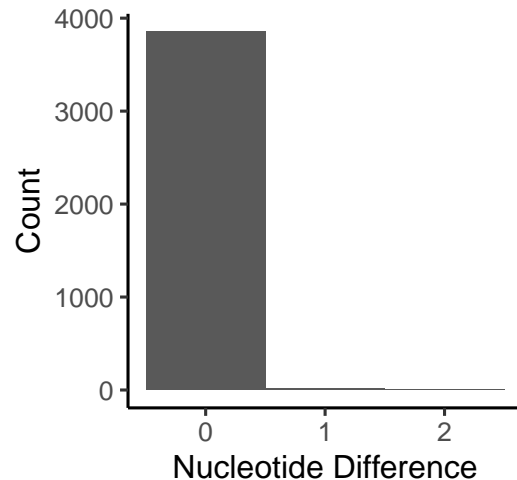
TRBV10-3*ap01

4800 sequences assigned
4758 (99.1%) exact matches, in which:
4668 unique CDR3
13 unique J



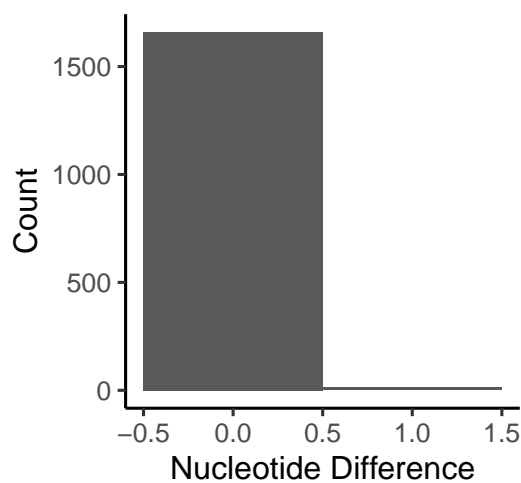
TRBV14*ap01

3876 sequences assigned
3854 (99.4%) exact matches, in which:
3824 unique CDR3
13 unique J



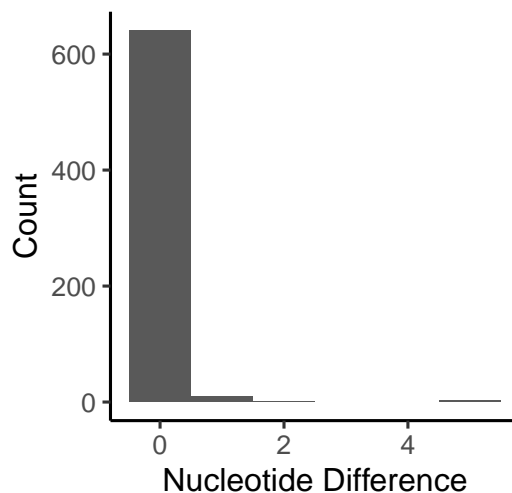
TRBV20-1*ap02

1673 sequences assigned
1660 (99.2%) exact matches, in which:
1634 unique CDR3
13 unique J



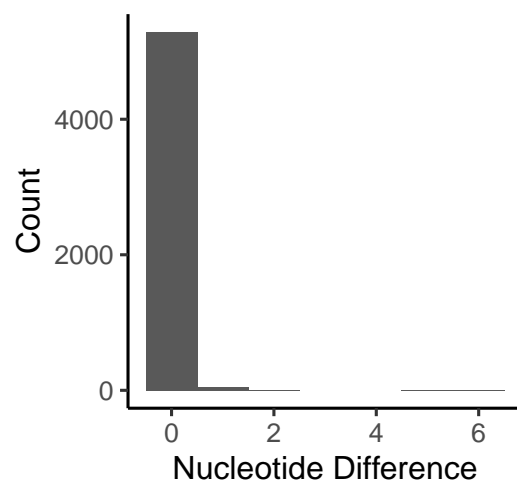
TRBV1*ap01

654 sequences assigned
641 (98%) exact matches, in which:
630 unique CDR3
13 unique J



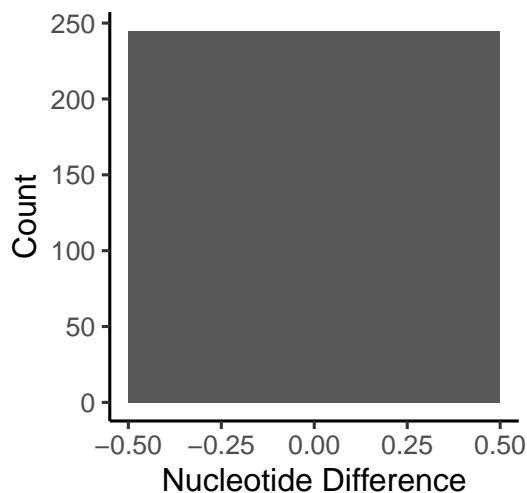
TRBV15*ap02

5338 sequences assigned
5287 (99%) exact matches, in which:
5182 unique CDR3
13 unique J



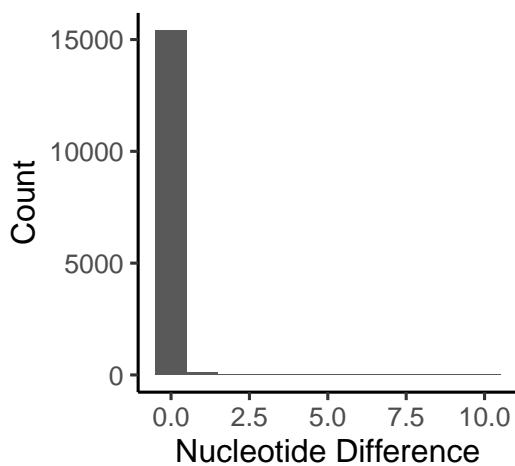
TRBV16*ap01

245 sequences assigned
245 (100%) exact matches, in which:
243 unique CDR3
13 unique J



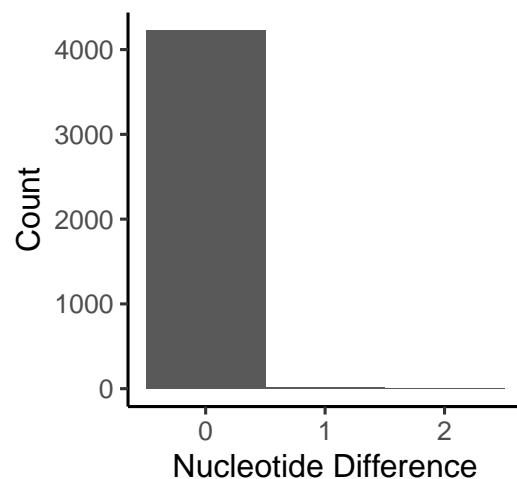
TRBV19*ap01

15560 sequences assigned
15420 (99.1%) exact matches, in which:
15325 unique CDR3
13 unique J



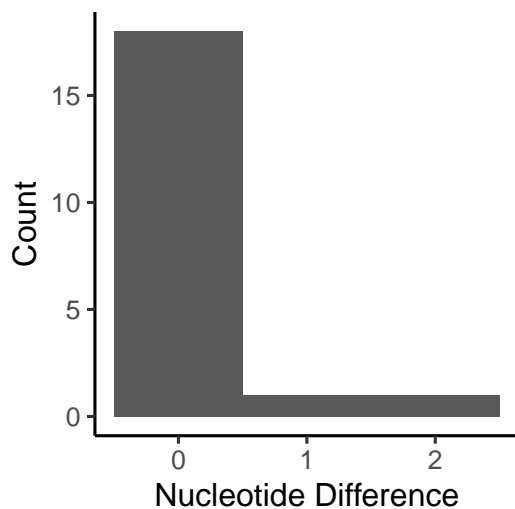
TRBV28*ap01

4249 sequences assigned
4226 (99.5%) exact matches, in which:
4181 unique CDR3
13 unique J



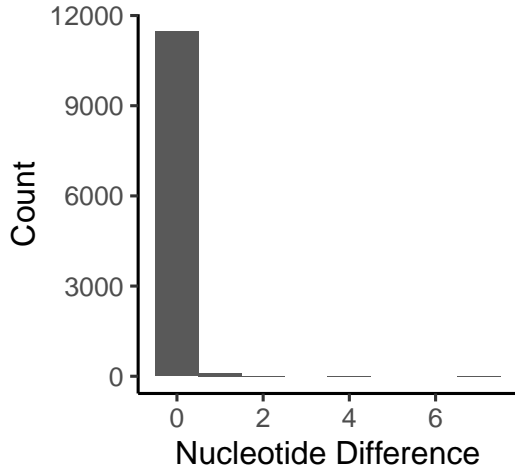
TRBV17*ap01

20 sequences assigned
18 (90%) exact matches, in which:
18 unique CDR3
5 unique J



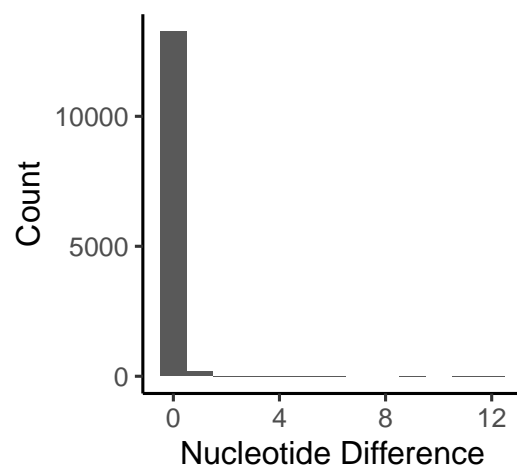
TRBV2*ap01

11590 sequences assigned
11470 (99%) exact matches, in which:
11236 unique CDR3
13 unique J



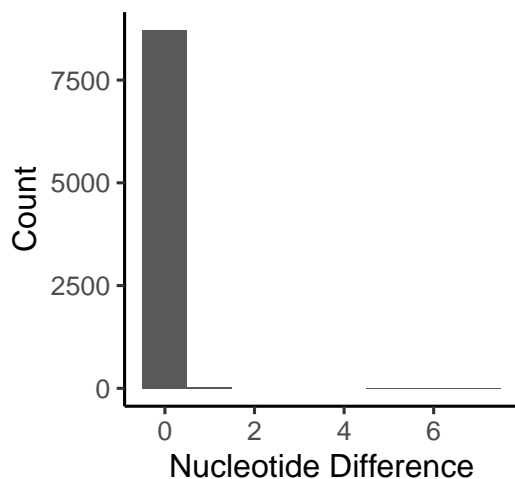
TRBV30*ap01

13461 sequences assigned
13263 (98.5%) exact matches, in which:
12984 unique CDR3
13 unique J



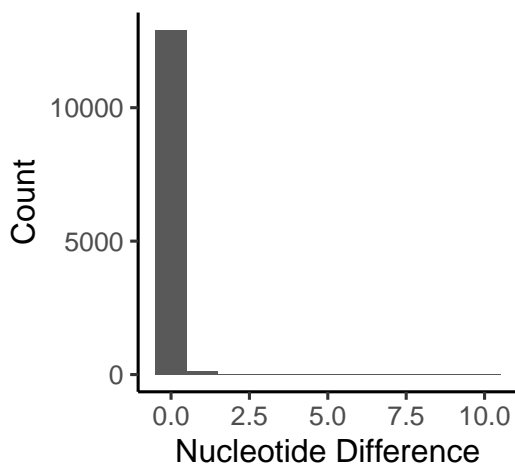
TRBV18*ap01

8749 sequences assigned
8717 (99.6%) exact matches, in which:
8669 unique CDR3
13 unique J



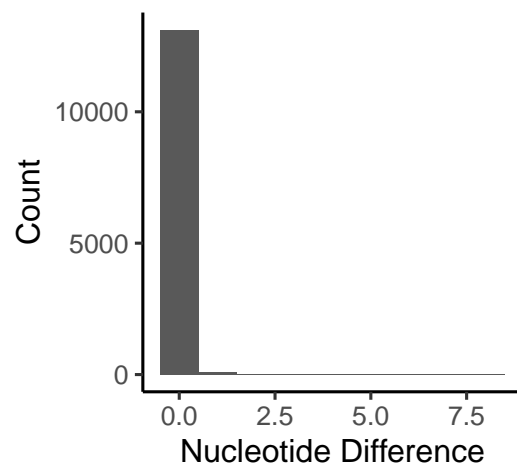
TRBV27*ap01

13086 sequences assigned
12919 (98.7%) exact matches, in which:
12652 unique CDR3
13 unique J



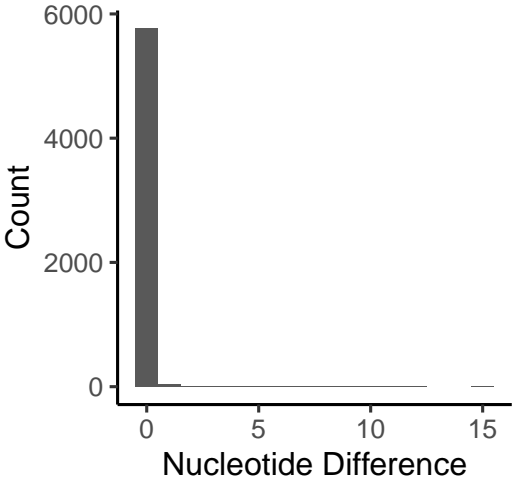
TRBV9*ap01

13219 sequences assigned
13121 (99.3%) exact matches, in which:
12958 unique CDR3
13 unique J



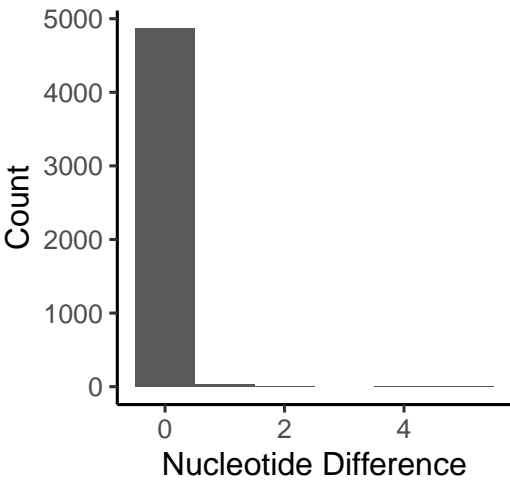
TRBV21-1*ap01

5835 sequences assigned
5767 (98.8%) exact matches, in which:
5720 unique CDR3
13 unique J



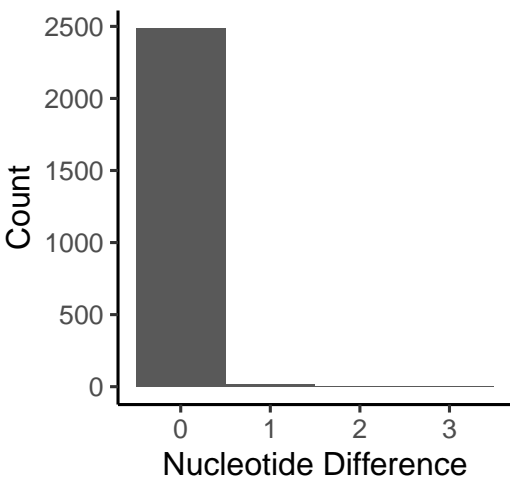
TRBV11-3*ap01

4911 sequences assigned
4868 (99.1%) exact matches, in which:
4824 unique CDR3
13 unique J



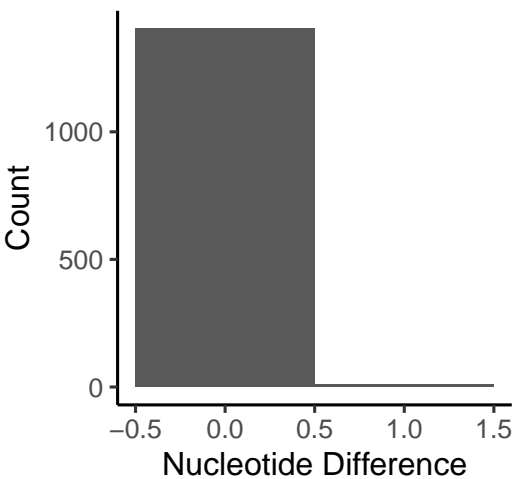
TRBV12-5*ap01

2509 sequences assigned
2486 (99.1%) exact matches, in which:
2455 unique CDR3
13 unique J



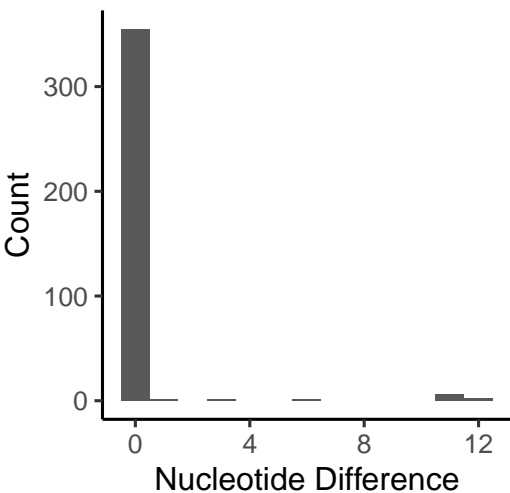
TRBV11-1*ap01

1412 sequences assigned
1404 (99.4%) exact matches, in which:
1390 unique CDR3
13 unique J



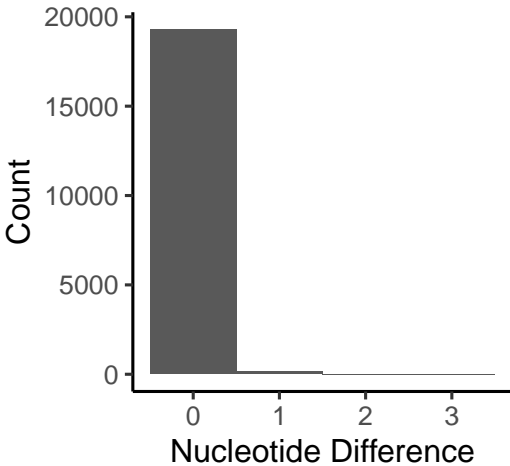
TRBV12-1*ap01

366 sequences assigned
355 (97%) exact matches, in which:
347 unique CDR3
13 unique J



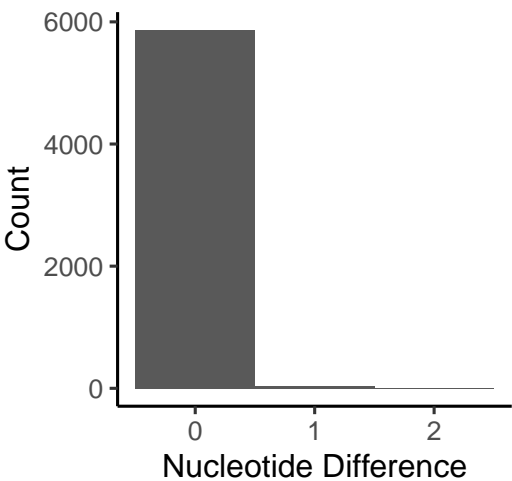
TRBV12-34*ap01

19456 sequences assigned
19292 (99.2%) exact matches, in which:
18965 unique CDR3
13 unique J



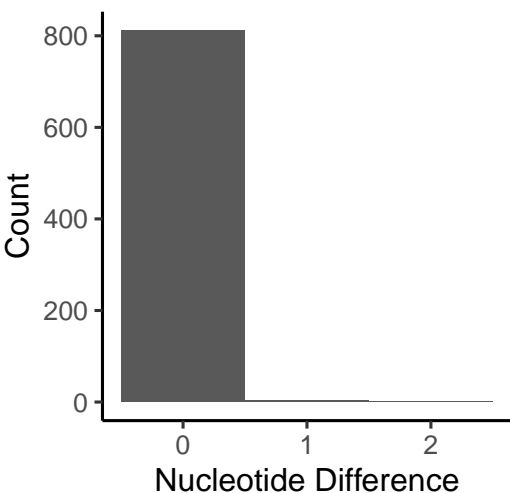
TRBV11-2*ap01

5900 sequences assigned
5866 (99.4%) exact matches, in which:
5812 unique CDR3
13 unique J



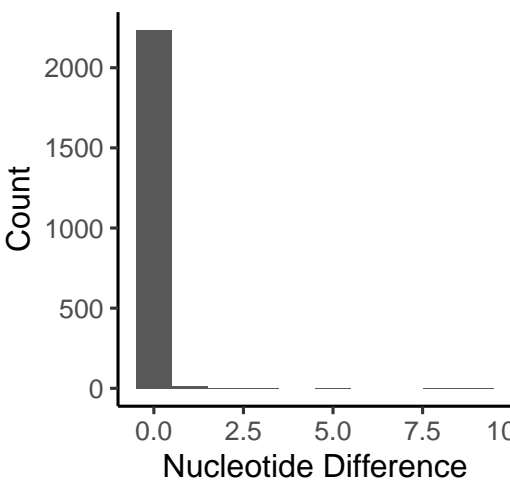
TRBV12-2*ap01

818 sequences assigned
812 (99.3%) exact matches, in which:
802 unique CDR3
13 unique J



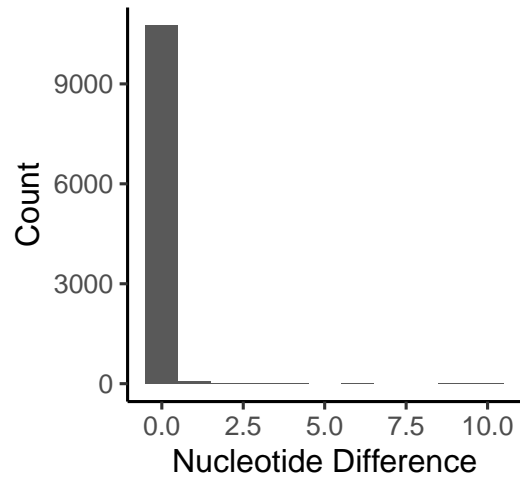
TRBV23-1*ap01

2257 sequences assigned
2235 (99%) exact matches, in which:
2218 unique CDR3
13 unique J



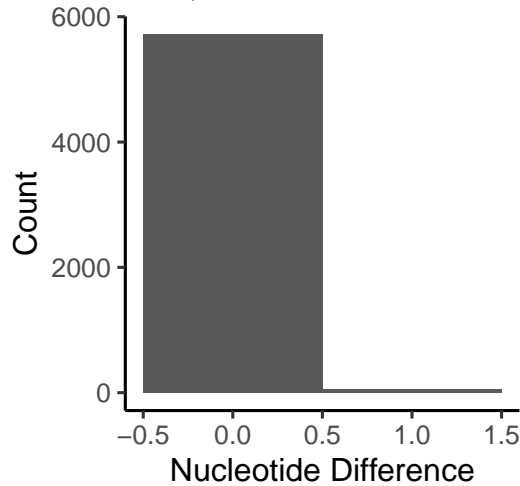
TRBV3-12*ap01

10854 sequences assigned
10756 (99.1%) exact matches, in which:
10577 unique CDR3
13 unique J



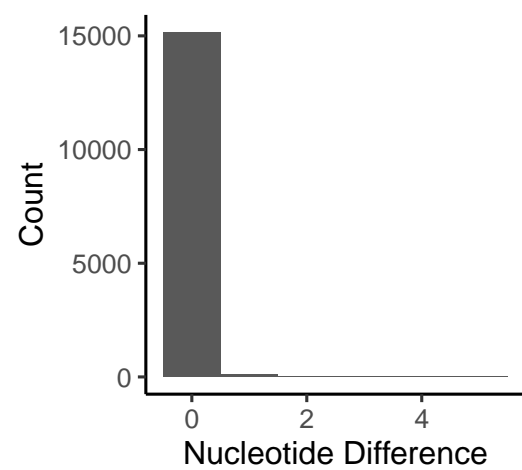
TRBV4-2*ap01

5777 sequences assigned
5718 (99%) exact matches, in which:
5616 unique CDR3
13 unique J



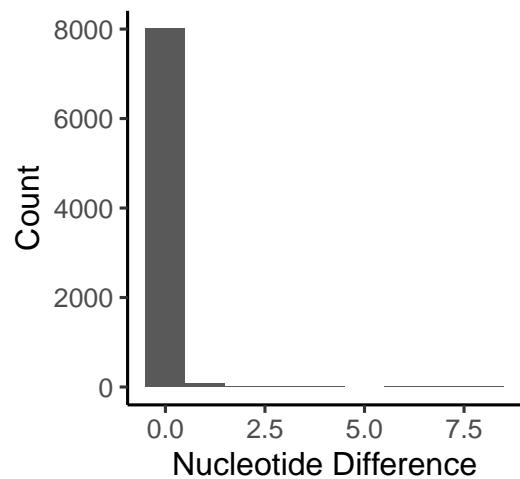
TRBV5-1*ap01

15294 sequences assigned
15163 (99.1%) exact matches, in which:
14802 unique CDR3
13 unique J



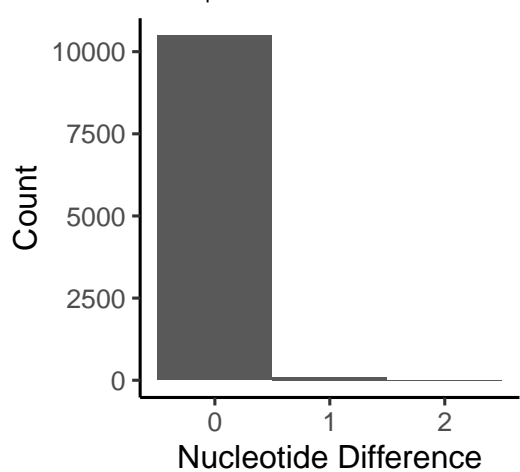
TRBV24-1*ap01

8102 sequences assigned
8008 (98.8%) exact matches, in which:
7855 unique CDR3
13 unique J



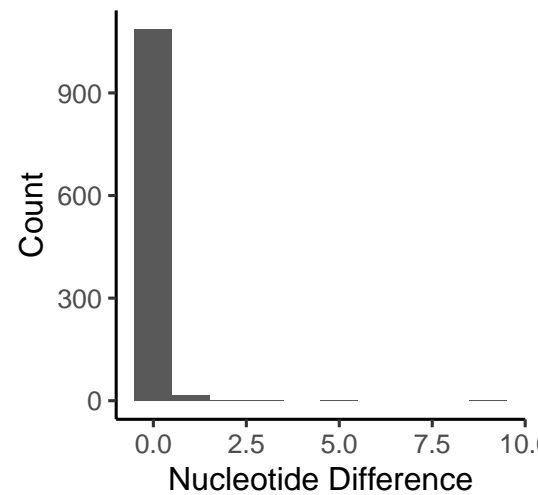
TRBV4-3*ap01

10591 sequences assigned
10493 (99.1%) exact matches, in which:
10271 unique CDR3
13 unique J



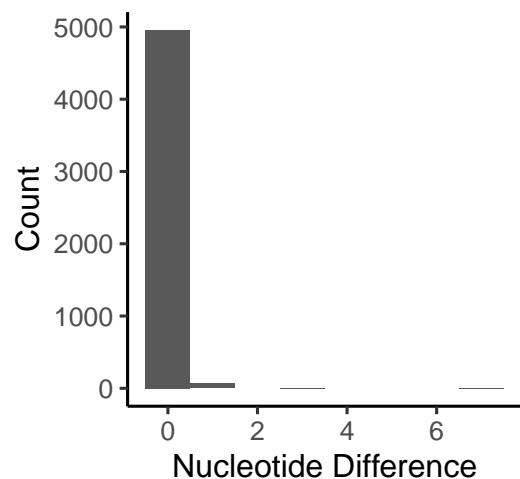
TRBV5-3*ap01

1109 sequences assigned
1087 (98%) exact matches, in which:
1073 unique CDR3
13 unique J



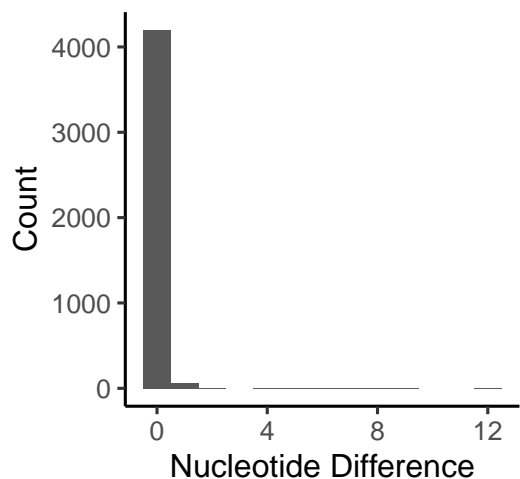
TRBV4-1*ap01

5024 sequences assigned
4957 (98.7%) exact matches, in which:
4834 unique CDR3
13 unique J



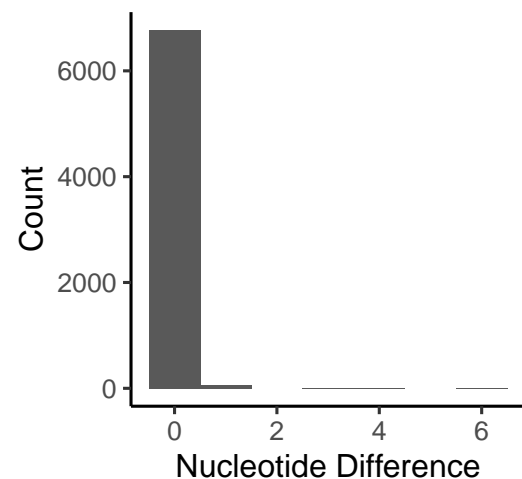
TRBV25-1*ap01

4274 sequences assigned
4198 (98.2%) exact matches, in which:
4097 unique CDR3
13 unique J



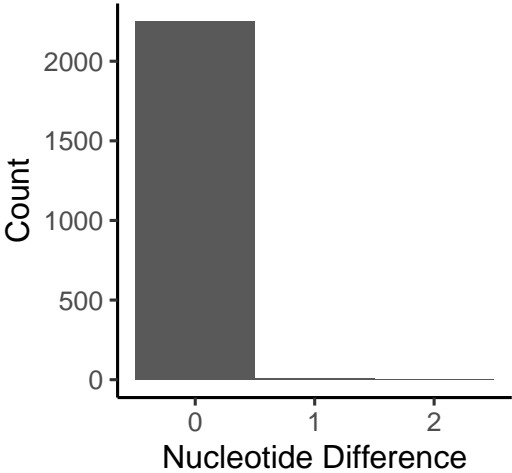
TRBV5-4*ap01

6833 sequences assigned
6771 (99.1%) exact matches, in which:
6622 unique CDR3
13 unique J



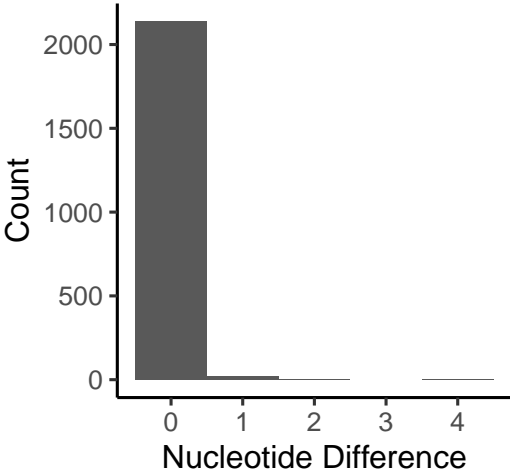
TRBV5-5*ap01

2261 sequences assigned
2250 (99.5%) exact matches, in which:
2235 unique CDR3
13 unique J



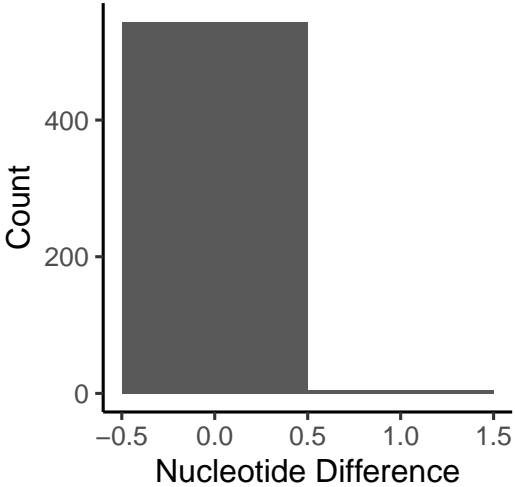
TRBV5-8*ap01

2162 sequences assigned
2138 (98.9%) exact matches, in which:
2108 unique CDR3
13 unique J



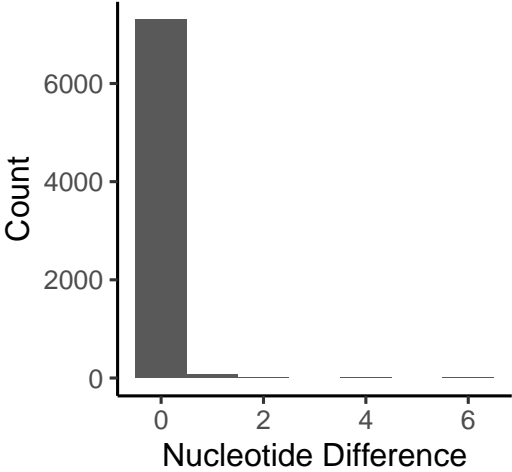
TRBV6-7*ap01

549 sequences assigned
544 (99.1%) exact matches, in which:
533 unique CDR3
13 unique J



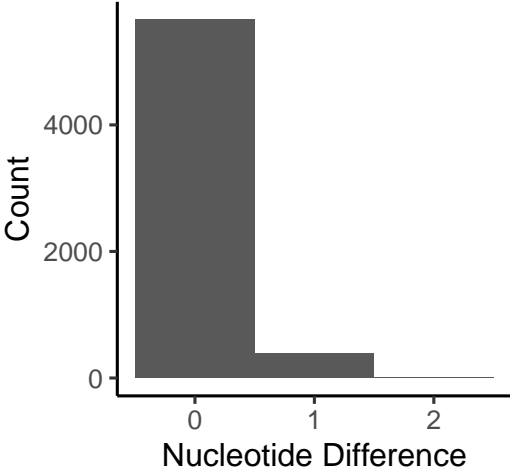
TRBV5-6*ap01

7376 sequences assigned
7299 (99%) exact matches, in which:
7073 unique CDR3
13 unique J



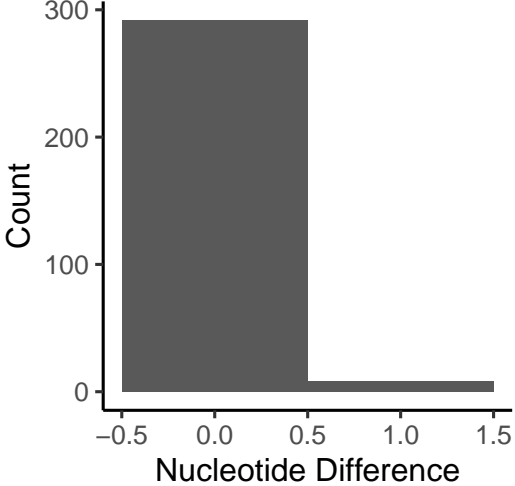
TRBV6-1*ap01

6053 sequences assigned
5662 (93.5%) exact matches, in which:
5563 unique CDR3
13 unique J



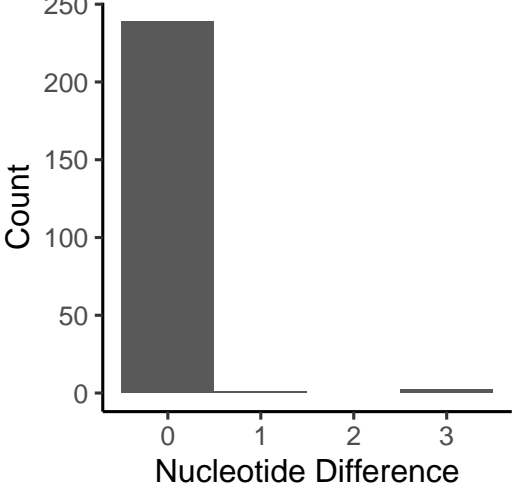
TRBV6-8*ap01

300 sequences assigned
292 (97.3%) exact matches, in which:
285 unique CDR3
13 unique J



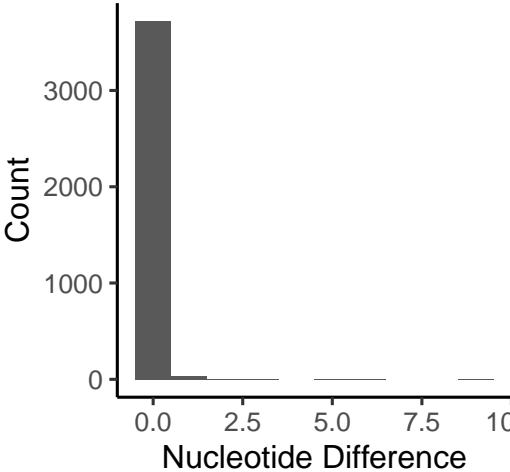
TRBV5-7*ap01

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



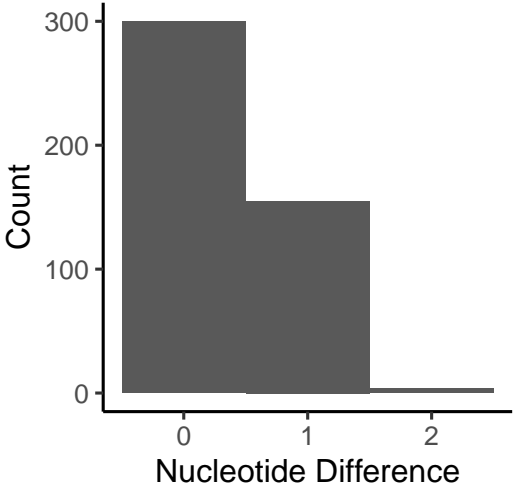
TRBV6-4*ap01

3773 sequences assigned
3721 (98.6%) exact matches, in which:
3676 unique CDR3
13 unique J



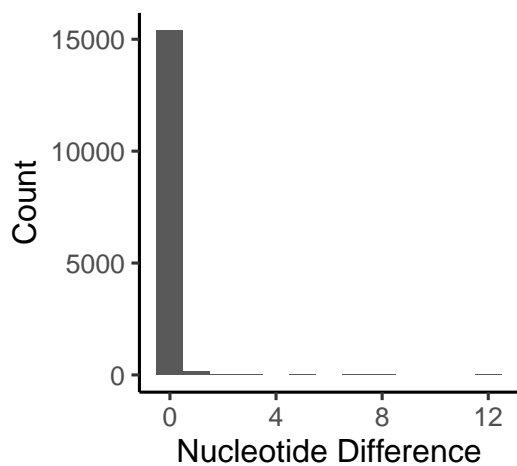
TRBV6-9*ap01

459 sequences assigned
300 (65.4%) exact matches, in which:
293 unique CDR3
13 unique J



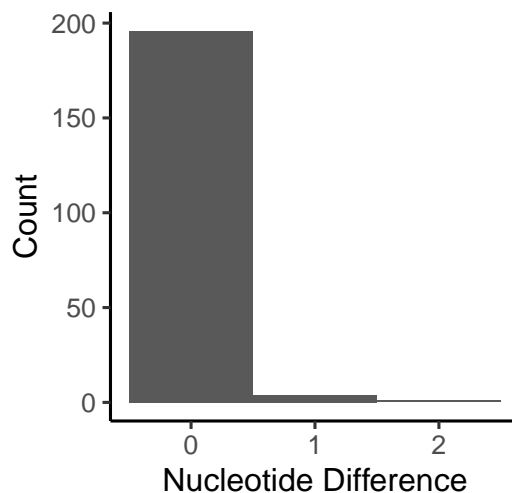
TRBV6-23*ap01

15580 sequences assigned
15407 (98.9%) exact matches, in which:
15017 unique CDR3
13 unique J



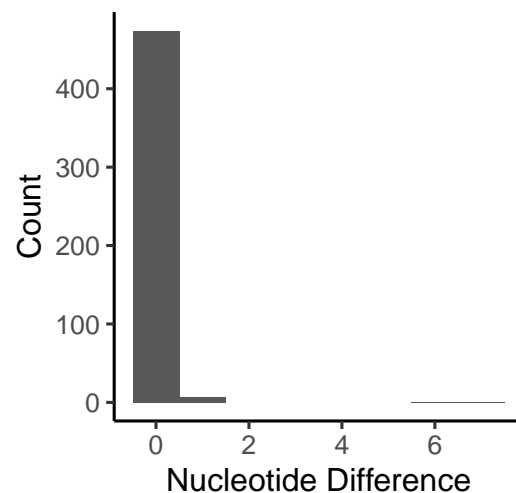
TRBV7-1*ap01_G291C_

201 sequences assigned
196 (97.5%) exact matches, in which:
194 unique CDR3
13 unique J



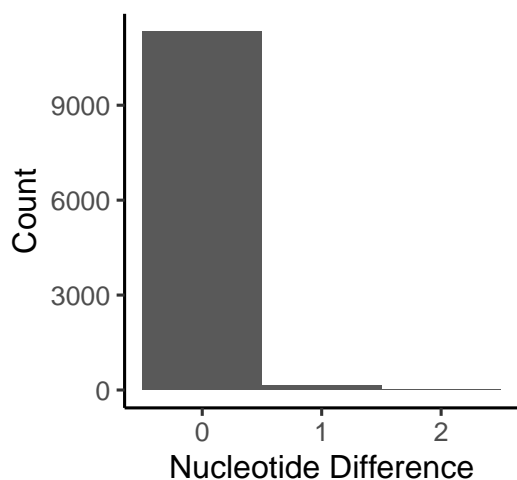
TRBV7-4*ap01

483 sequences assigned
474 (98.1%) exact matches, in which:
467 unique CDR3
13 unique J



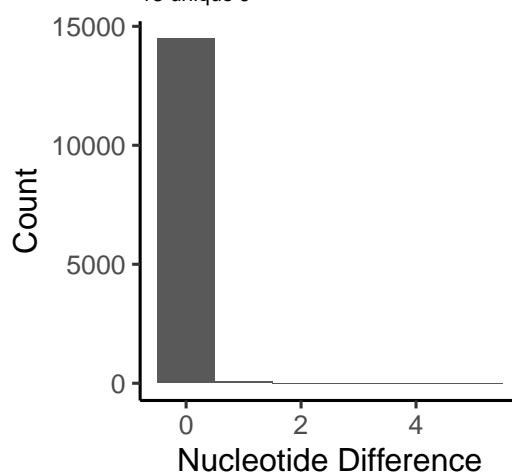
TRBV6-56*ap01

11451 sequences assigned
11323 (98.9%) exact matches, in which:
11076 unique CDR3
13 unique J



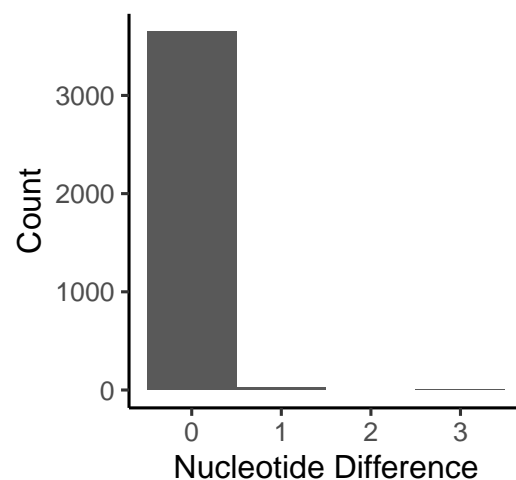
TRBV7-2*ap01

14569 sequences assigned
14489 (99.5%) exact matches, in which:
14305 unique CDR3
13 unique J



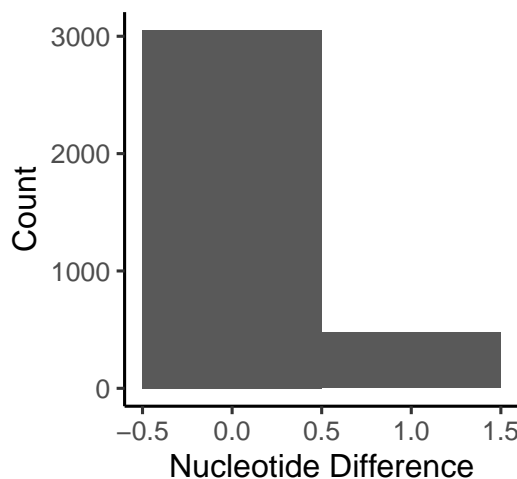
TRBV7-6*ap01

3678 sequences assigned
3649 (99.2%) exact matches, in which:
3596 unique CDR3
13 unique J



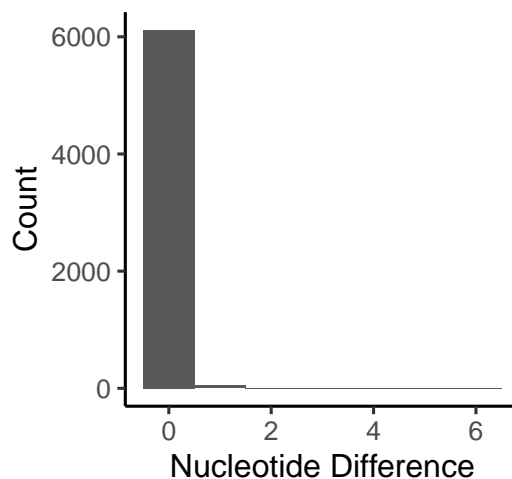
TRBV6-56*ap02

3529 sequences assigned
3053 (86.5%) exact matches, in which:
2979 unique CDR3
13 unique J



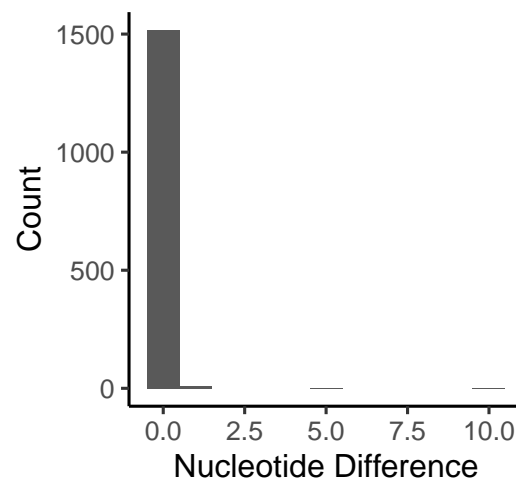
TRBV7-3*ap01

6171 sequences assigned
6115 (99.1%) exact matches, in which:
6055 unique CDR3
13 unique J



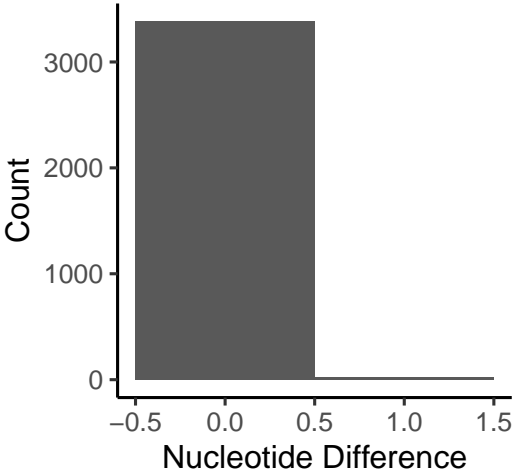
TRBV7-7*ap01_C315T

1528 sequences assigned
1517 (99.3%) exact matches, in which:
1501 unique CDR3
13 unique J



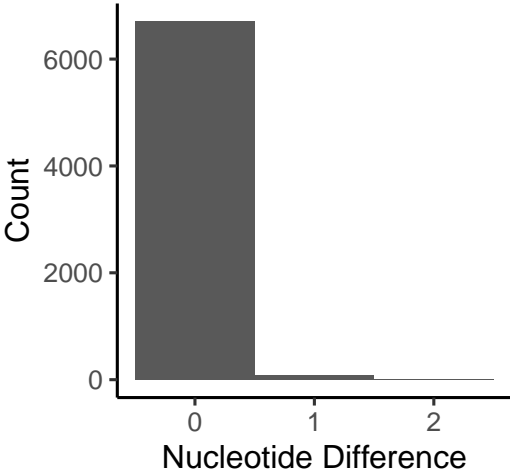
TRBV7-8*ap01

3409 sequences assigned
3383 (99.2%) exact matches, in which:
3326 unique CDR3
13 unique J



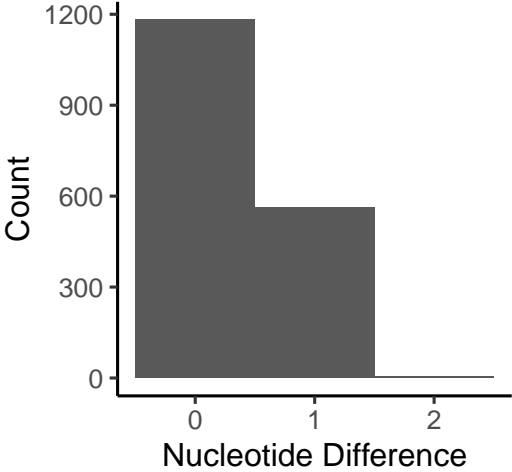
TRBV29-1*ap01

6791 sequences assigned
6705 (98.7%) exact matches, in which:
6539 unique CDR3
13 unique J



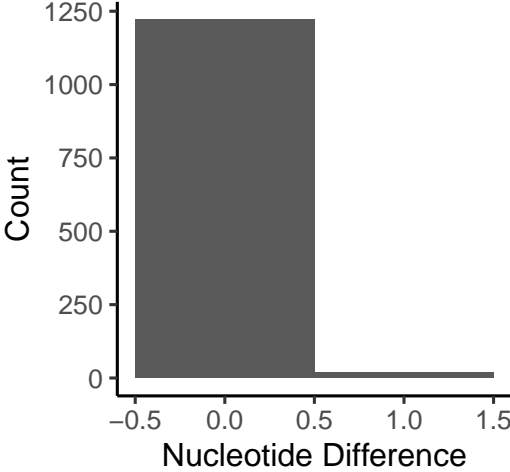
TRBV7-8*ap03

1750 sequences assigned
1182 (67.5%) exact matches, in which:
1155 unique CDR3
13 unique J



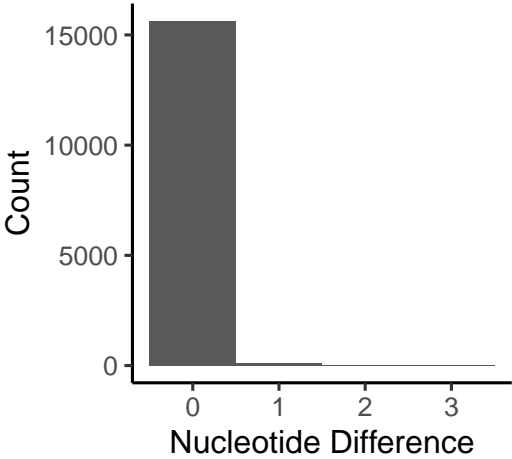
TRBV29-1*ap02

1240 sequences assigned
1221 (98.5%) exact matches, in which:
1191 unique CDR3
13 unique J

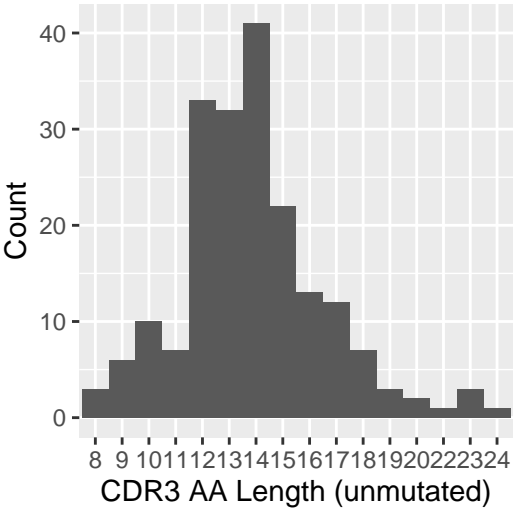


TRBV7-9*ap01

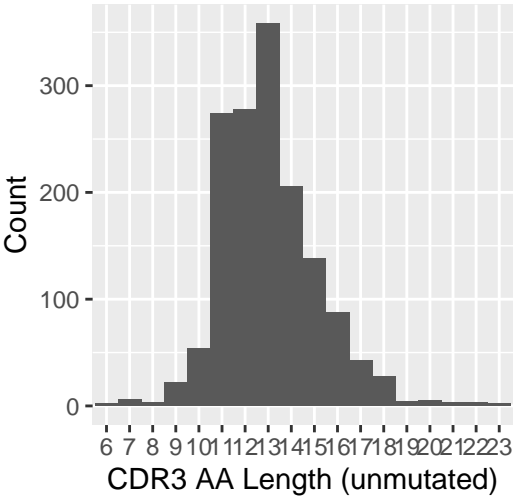
15754 sequences assigned
15642 (99.3%) exact matches, in which:
15468 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.