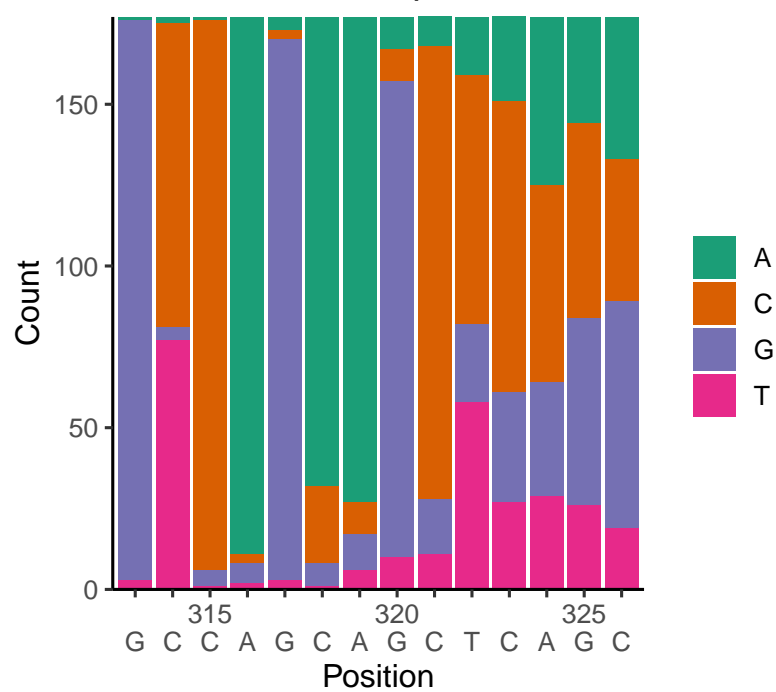
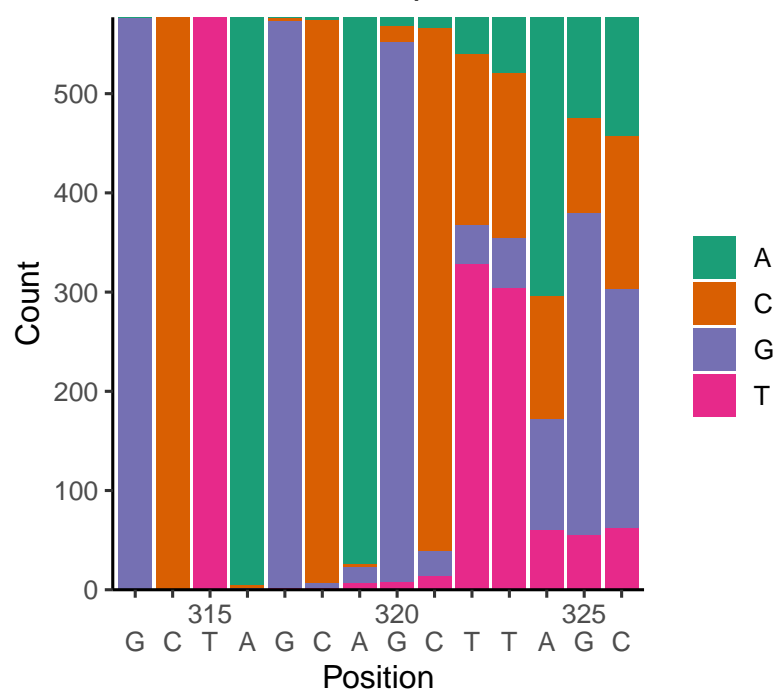


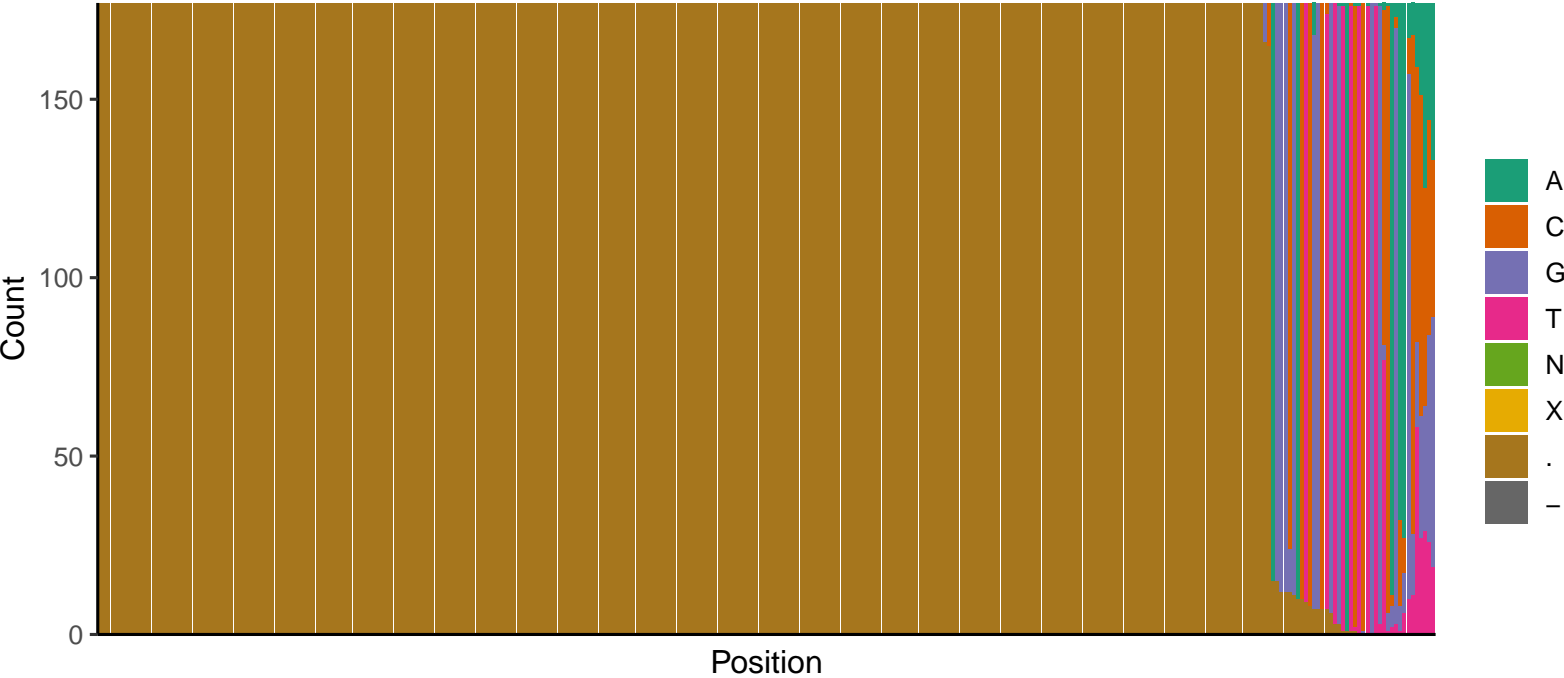
Gene TRBV7-1*ap01_T296C



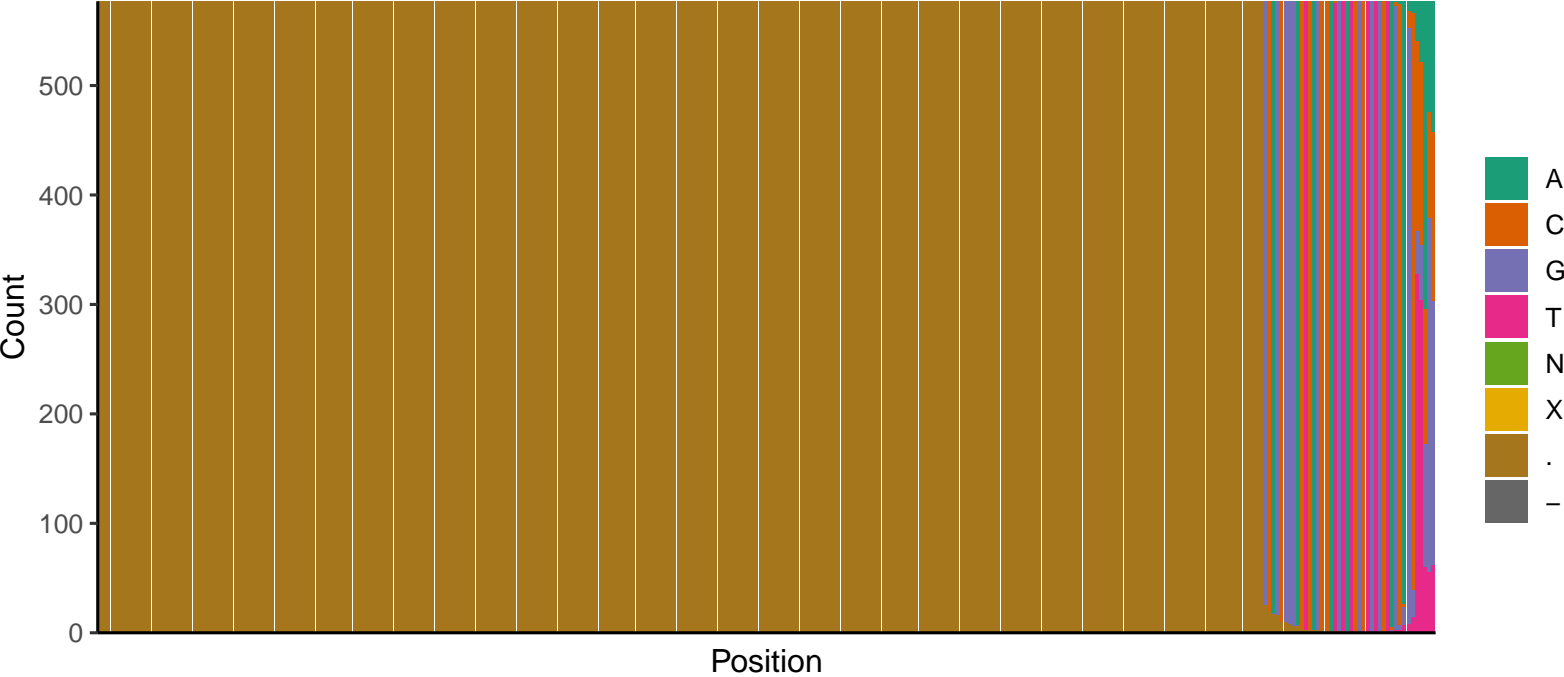
Gene TRBV7-7*ap01_C315T



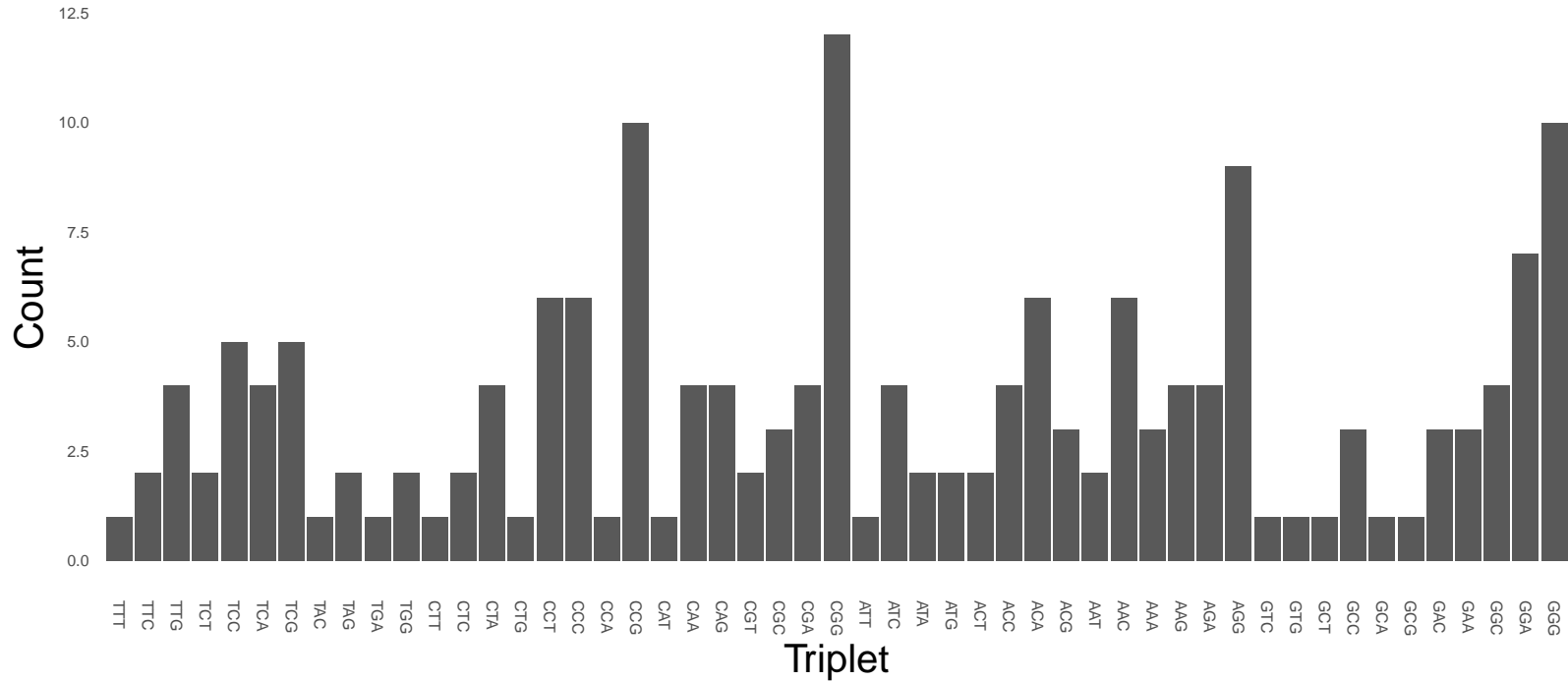
Gene TRBV7-1*ap01_T296C



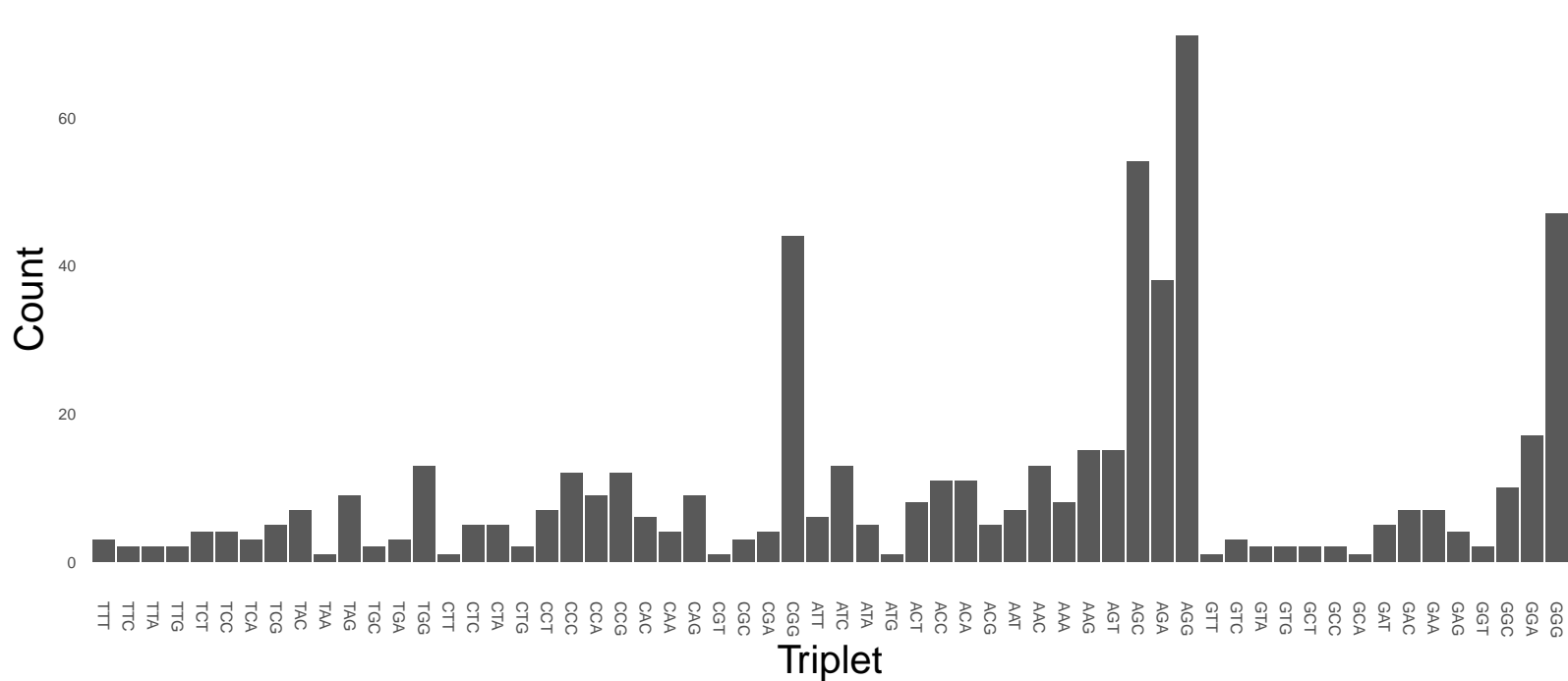
Gene TRBV7-7*ap01_C315T



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

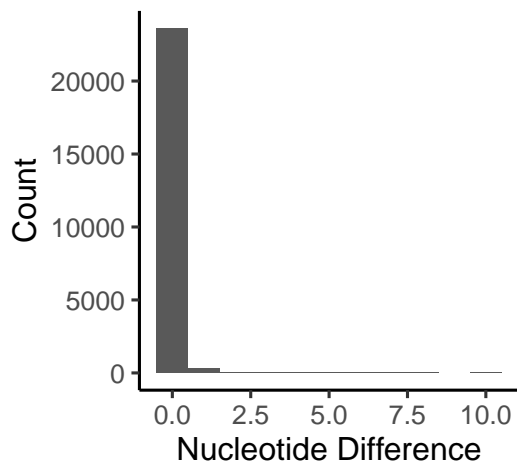


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



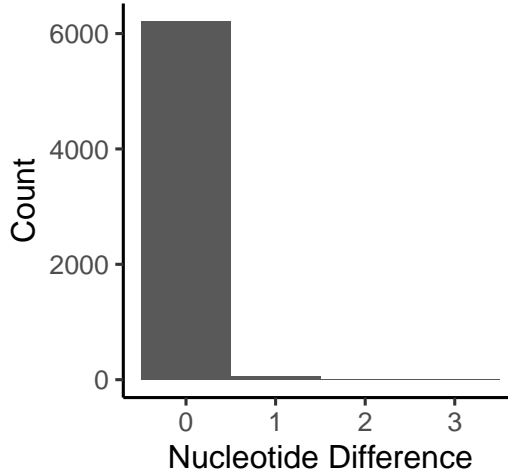
TRBV20-1*ap01

23962 sequences assigned
23624 (98.6%) exact matches, in which:
23189 unique CDR3
13 unique J



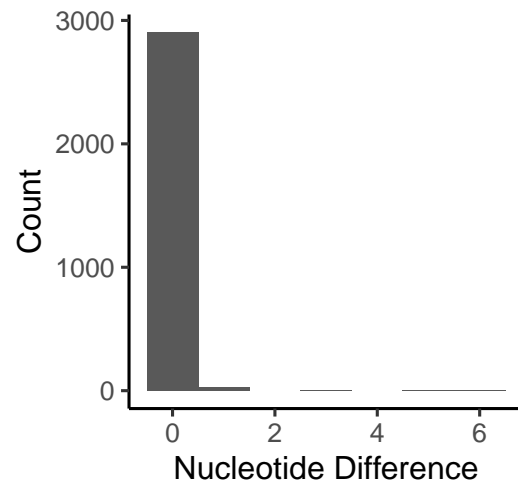
TRBV10-3*ap01

6272 sequences assigned
6211 (99%) exact matches, in which:
6095 unique CDR3
13 unique J



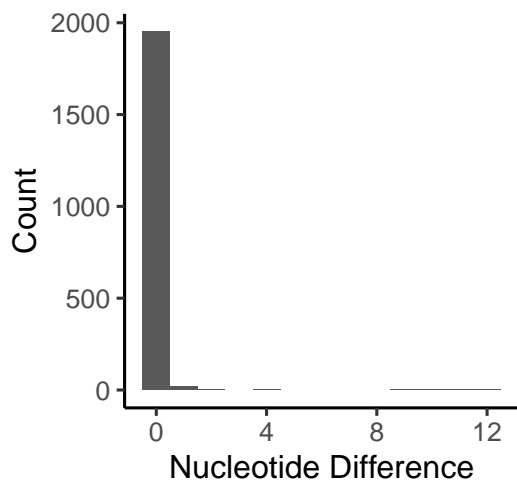
TRBV14*ap01

2935 sequences assigned
2903 (98.9%) exact matches, in which:
2855 unique CDR3
13 unique J



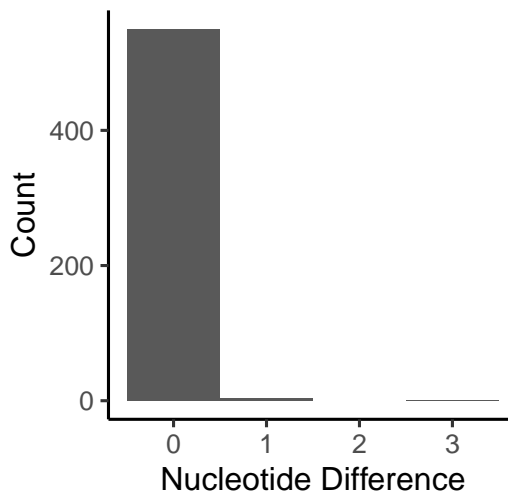
TRBV10-1*ap01

1975 sequences assigned
1951 (98.8%) exact matches, in which:
1912 unique CDR3
13 unique J



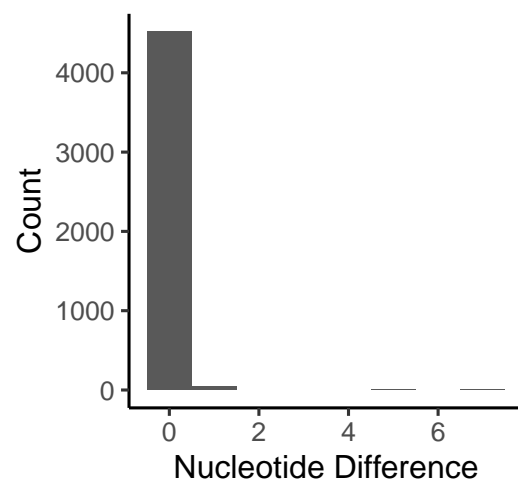
TRBV1*ap01

554 sequences assigned
550 (99.3%) exact matches, in which:
539 unique CDR3
13 unique J



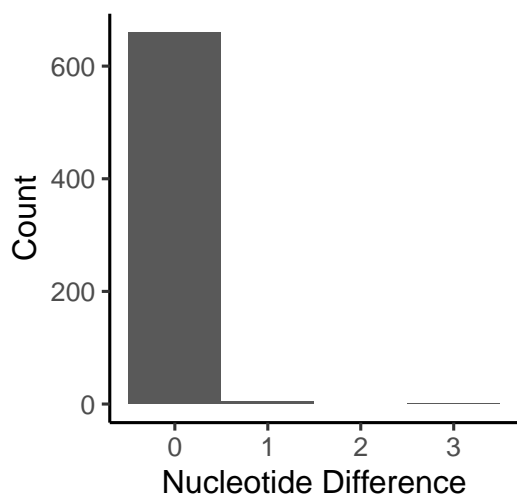
TRBV15*ap02

4559 sequences assigned
4518 (99.1%) exact matches, in which:
4419 unique CDR3
13 unique J



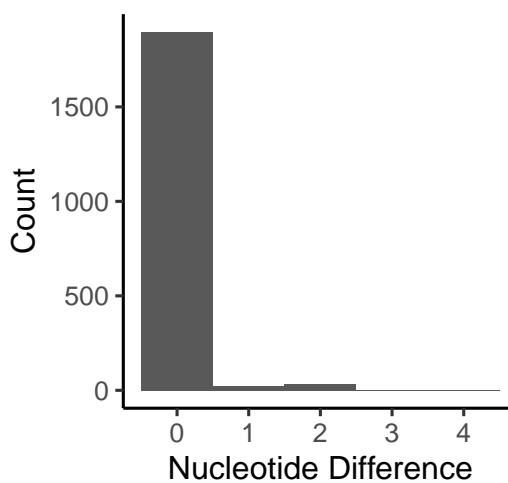
TRBV10-2*ap01

666 sequences assigned
660 (99.1%) exact matches, in which:
650 unique CDR3
13 unique J



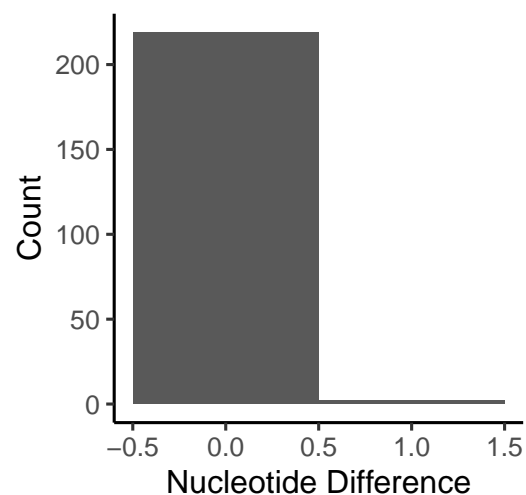
TRBV13*ap01

1953 sequences assigned
1896 (97.1%) exact matches, in which:
1857 unique CDR3
13 unique J



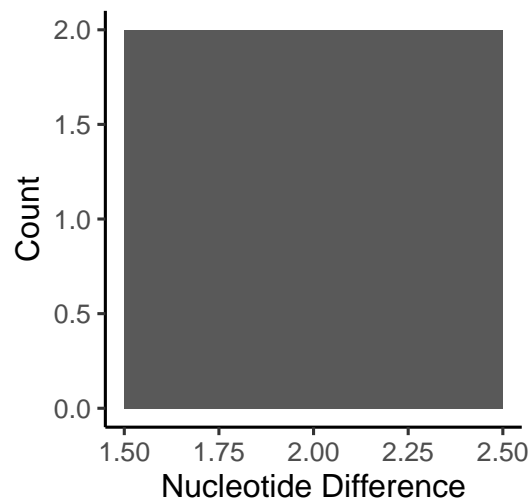
TRBV16*ap01

221 sequences assigned
219 (99.1%) exact matches, in which:
217 unique CDR3
13 unique J



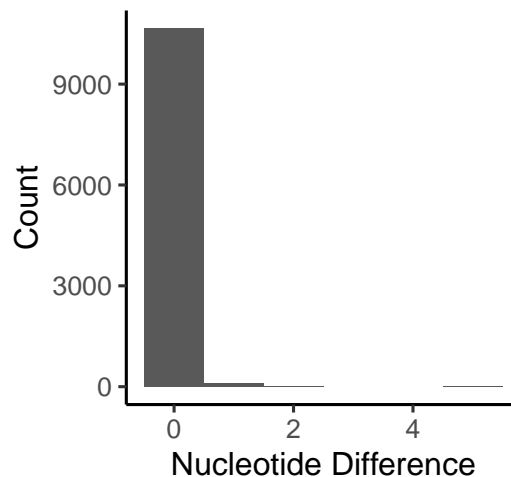
TRBV17*ap01

2 sequences assigned
No exact matches.



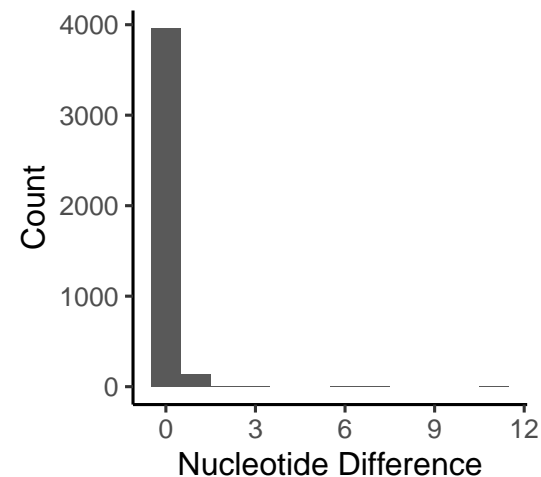
TRBV2*ap01

10771 sequences assigned
10657 (98.9%) exact matches, in which:
10487 unique CDR3
13 unique J



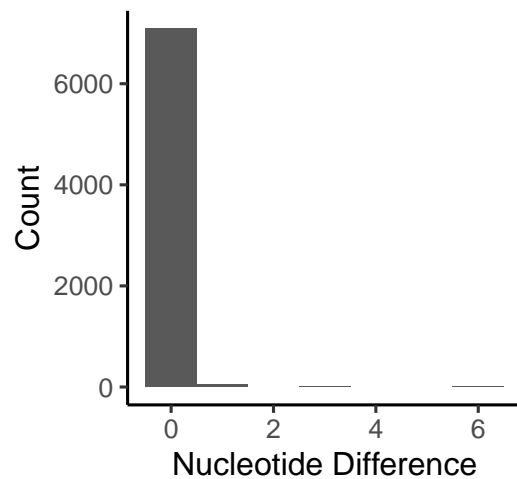
TRBV30*ap02

4112 sequences assigned
3959 (96.3%) exact matches, in which:
3919 unique CDR3
13 unique J



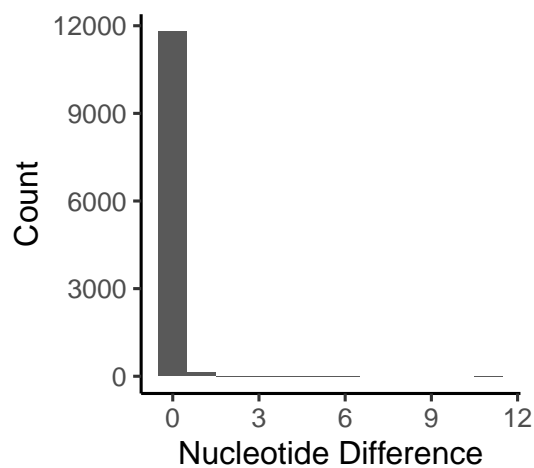
TRBV18*ap01

7135 sequences assigned
7088 (99.3%) exact matches, in which:
6988 unique CDR3
13 unique J



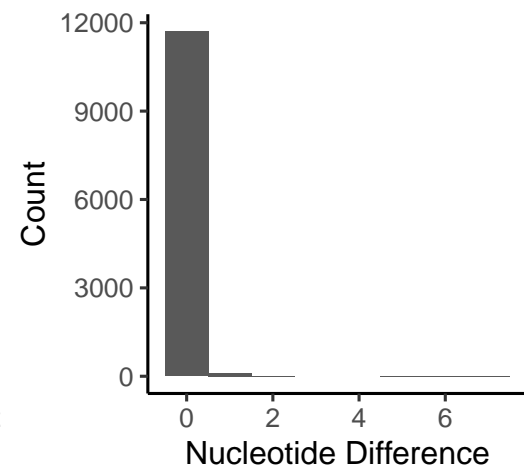
TRBV27*ap01

11950 sequences assigned
11804 (98.8%) exact matches, in which:
11552 unique CDR3
13 unique J



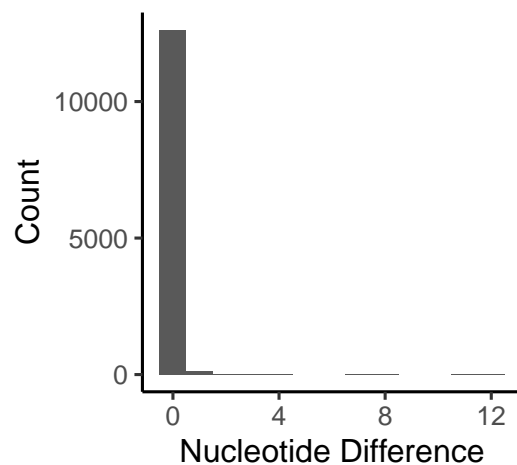
TRBV9*ap01

11817 sequences assigned
11703 (99%) exact matches, in which:
11511 unique CDR3
13 unique J



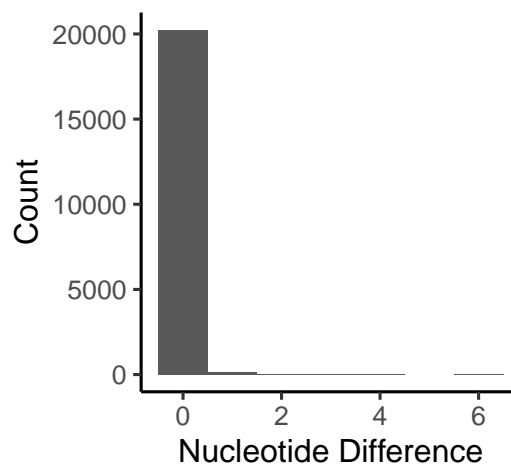
TRBV19*ap01

12782 sequences assigned
12629 (98.8%) exact matches, in which:
12484 unique CDR3
13 unique J



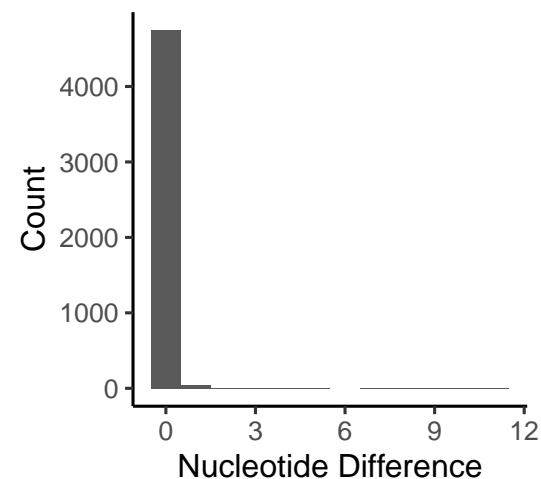
TRBV28*ap01

20404 sequences assigned
20244 (99.2%) exact matches, in which:
19886 unique CDR3
13 unique J



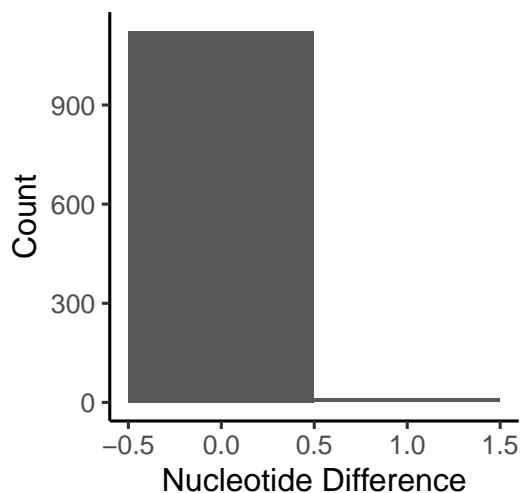
TRBV21-1*ap01

4813 sequences assigned
4748 (98.6%) exact matches, in which:
4666 unique CDR3
13 unique J



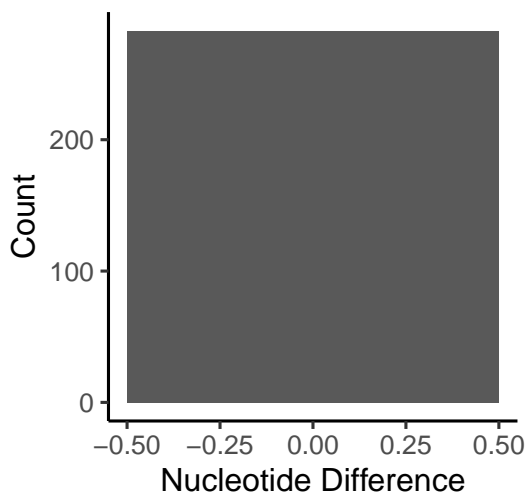
TRBV11-1*ap01

1137 sequences assigned
1125 (98.9%) exact matches, in which:
1095 unique CDR3
13 unique J



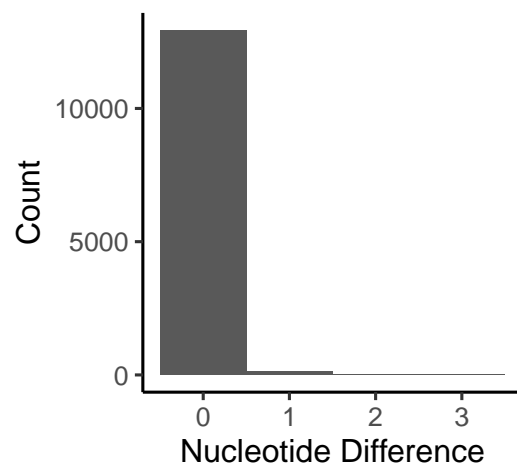
TRBV12-1*ap01

283 sequences assigned
283 (100%) exact matches, in which:
276 unique CDR3
13 unique J



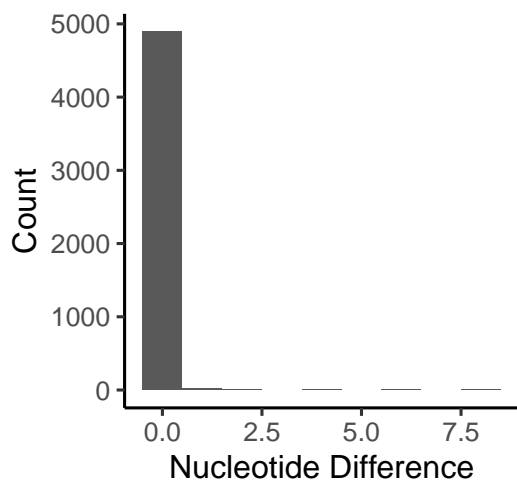
TRBV12-34*ap01

13069 sequences assigned
12938 (99%) exact matches, in which:
12701 unique CDR3
13 unique J



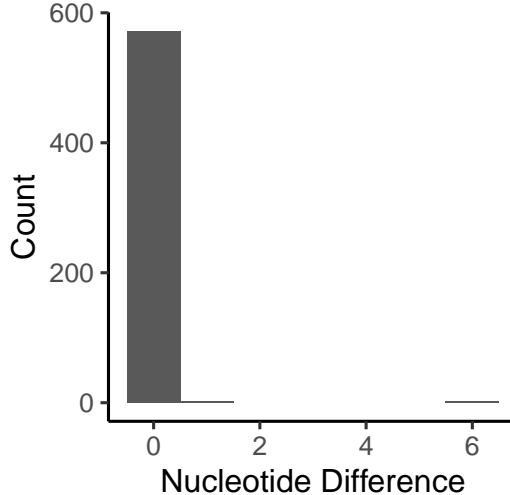
TRBV11-2*ap01

4924 sequences assigned
4893 (99.4%) exact matches, in which:
4804 unique CDR3
13 unique J



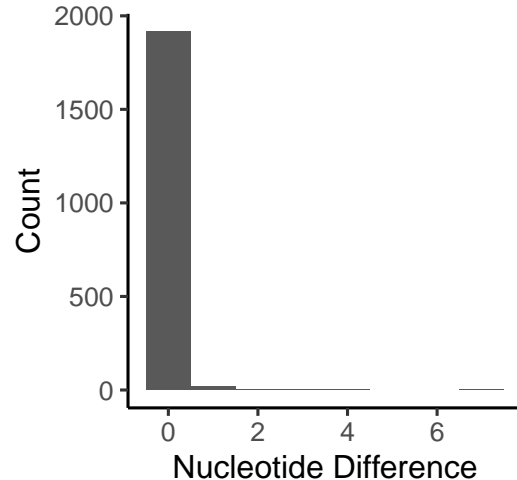
TRBV12-2*ap01

577 sequences assigned
572 (99.1%) exact matches, in which:
565 unique CDR3
13 unique J



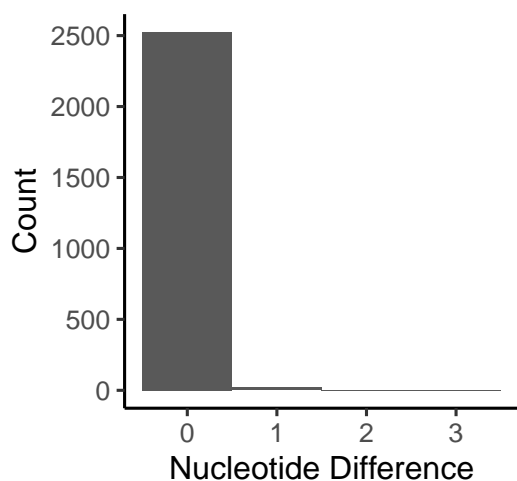
TRBV23-1*ap01

1939 sequences assigned
1915 (98.8%) exact matches, in which:
1885 unique CDR3
13 unique J



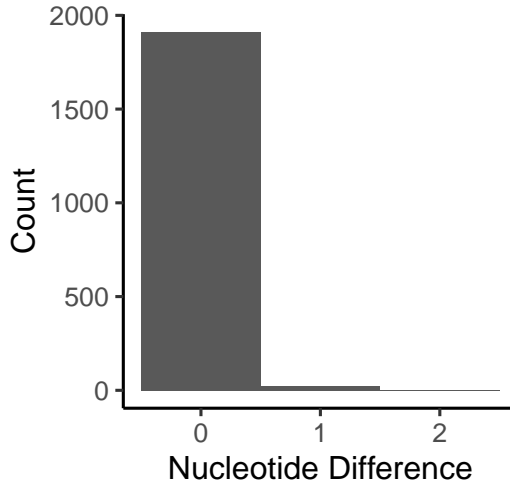
TRBV11-3*ap01

2547 sequences assigned
2525 (99.1%) exact matches, in which:
2496 unique CDR3
13 unique J



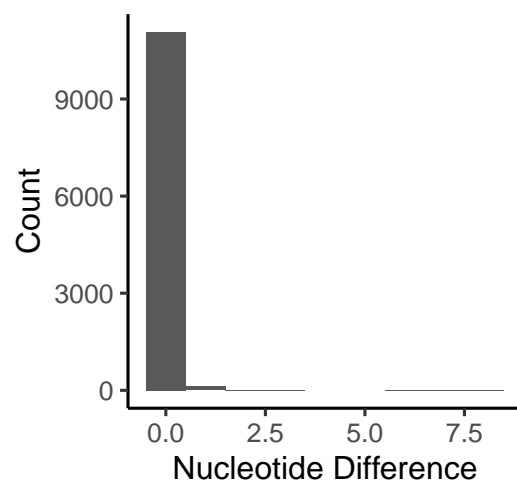
TRBV12-5*ap01

1936 sequences assigned
1911 (98.7%) exact matches, in which:
1885 unique CDR3
13 unique J



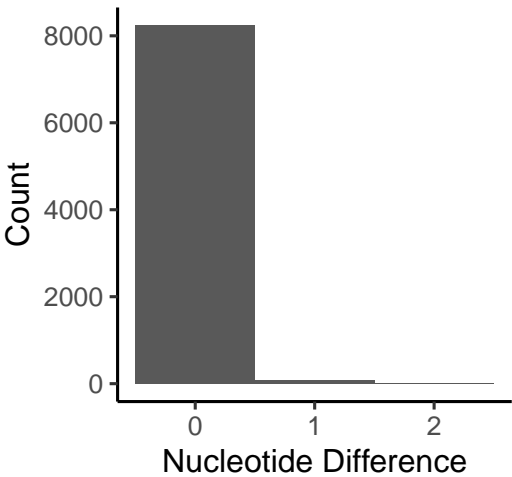
TRBV3-12*ap01

11193 sequences assigned
11069 (98.9%) exact matches, in which:
10885 unique CDR3
13 unique J



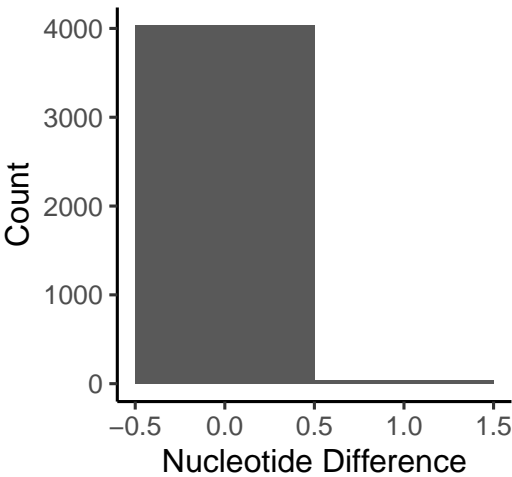
TRBV4-1*ap01

8320 sequences assigned
8239 (99%) exact matches, in which:
8116 unique CDR3
13 unique J



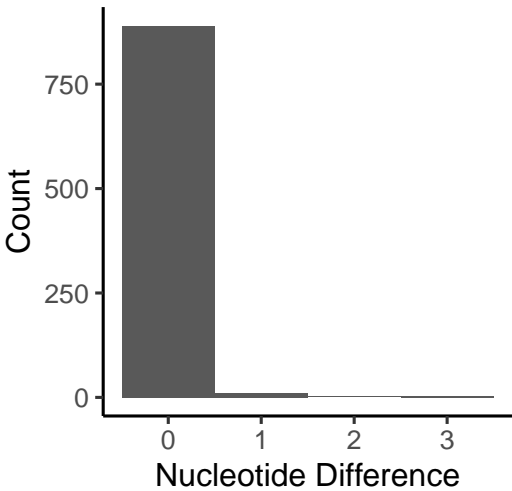
TRBV4-3*ap01

4071 sequences assigned
4034 (99.1%) exact matches, in which:
3949 unique CDR3
13 unique J



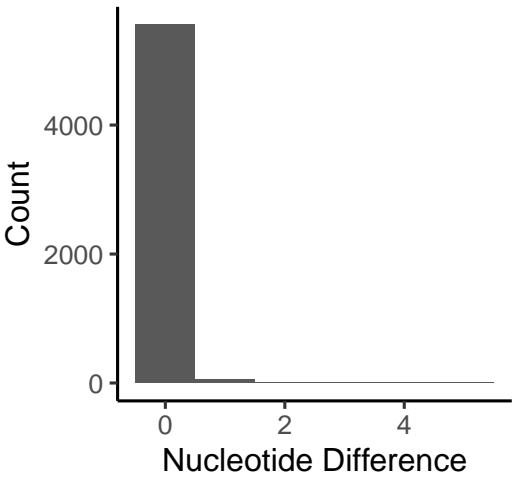
TRBV5-3*ap01

905 sequences assigned
890 (98.3%) exact matches, in which:
871 unique CDR3
13 unique J



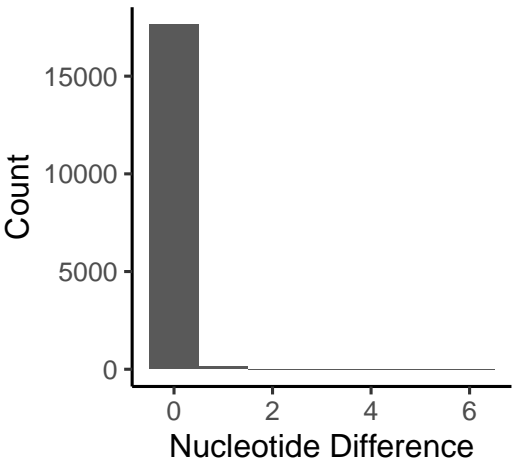
TRBV24-1*ap01

5626 sequences assigned
5556 (98.8%) exact matches, in which:
5497 unique CDR3
13 unique J



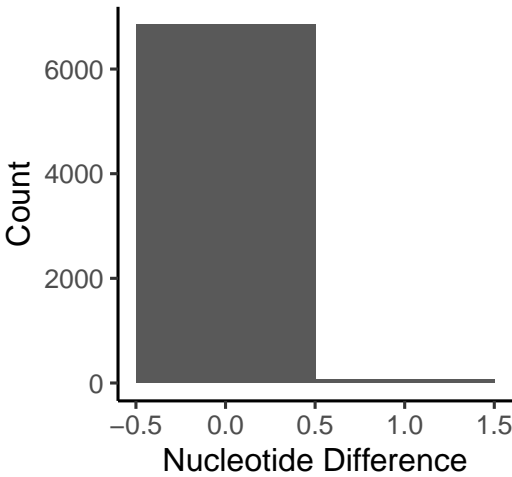
TRBV5-1*ap01

17807 sequences assigned
17645 (99.1%) exact matches, in which:
17296 unique CDR3
13 unique J



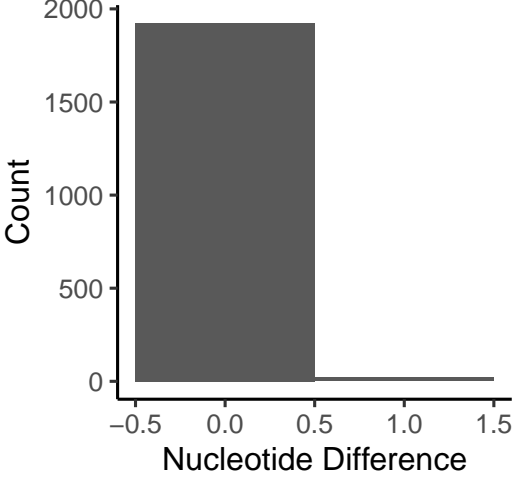
TRBV5-4*ap01

6906 sequences assigned
6847 (99.1%) exact matches, in which:
6709 unique CDR3
13 unique J



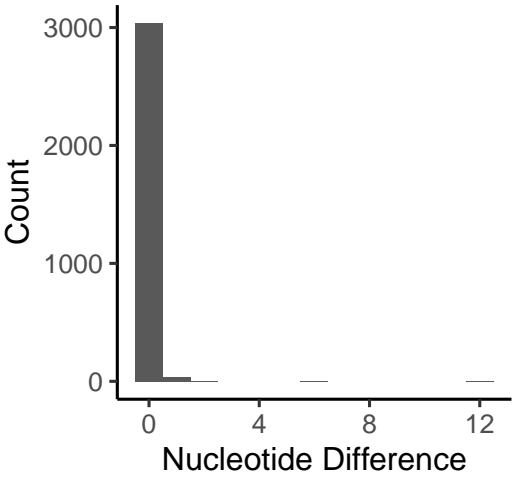
TRBV4-2*ap01

1944 sequences assigned
1924 (99%) exact matches, in which:
1904 unique CDR3
13 unique J



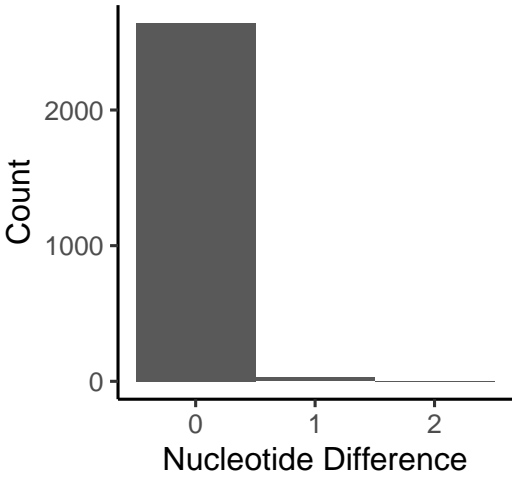
TRBV25-1*ap01

3076 sequences assigned
3038 (98.8%) exact matches, in which:
2997 unique CDR3
13 unique J



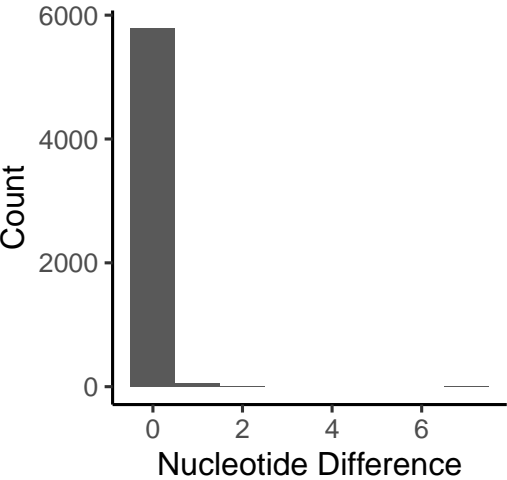
TRBV5-5*ap01

2671 sequences assigned
2641 (98.9%) exact matches, in which:
2603 unique CDR3
13 unique J



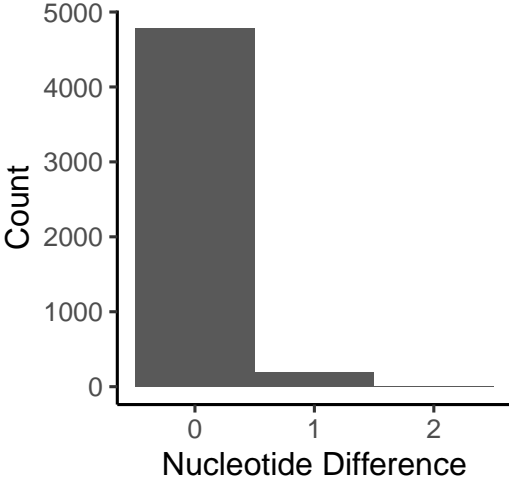
TRBV5-6*ap01

5849 sequences assigned
5786 (98.9%) exact matches, in which:
5677 unique CDR3
13 unique J



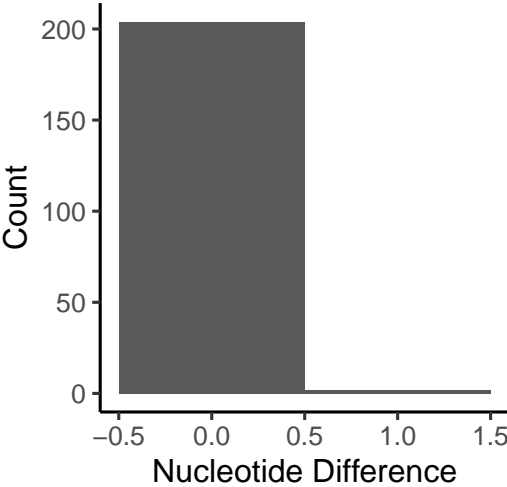
TRBV6-1*ap01

4980 sequences assigned
4781 (96%) exact matches, in which:
4704 unique CDR3
13 unique J



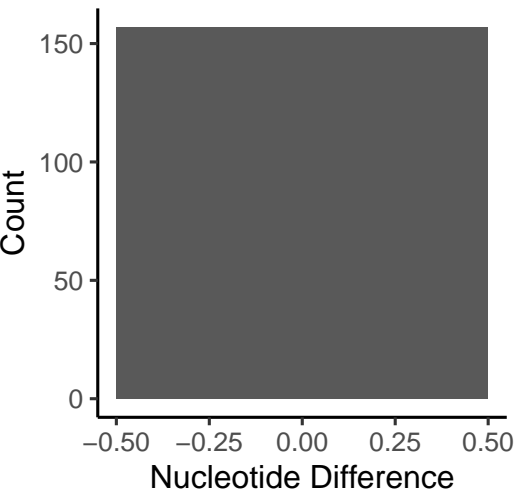
TRBV6-8*ap01

206 sequences assigned
204 (99%) exact matches, in which:
200 unique CDR3
13 unique J



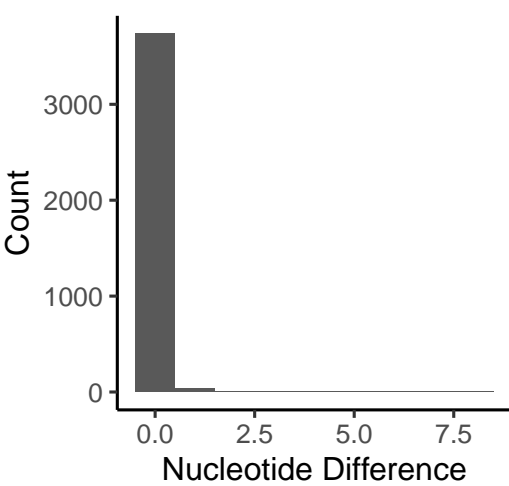
TRBV5-7*ap01

157 sequences assigned
157 (100%) exact matches, in which:
156 unique CDR3
13 unique J



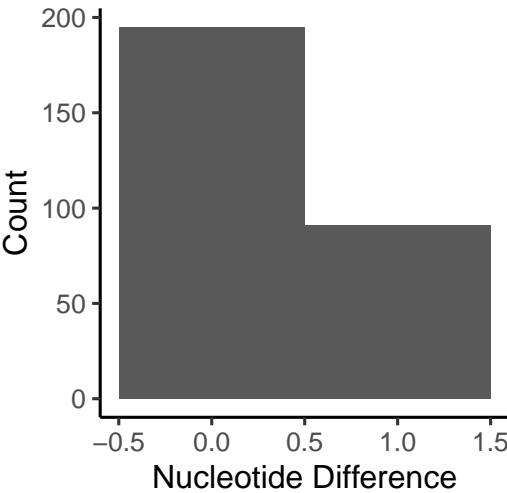
TRBV6-4*ap01

3790 sequences assigned
3736 (98.6%) exact matches, in which:
3691 unique CDR3
13 unique J



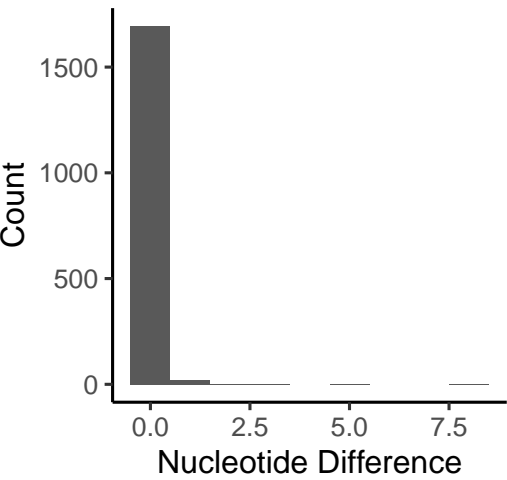
TRBV6-9*ap01

286 sequences assigned
195 (68.2%) exact matches, in which:
193 unique CDR3
13 unique J



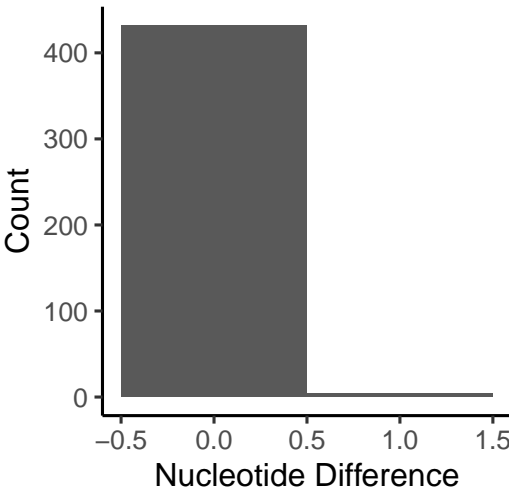
TRBV5-8*ap01

1717 sequences assigned
1694 (98.7%) exact matches, in which:
1671 unique CDR3
13 unique J



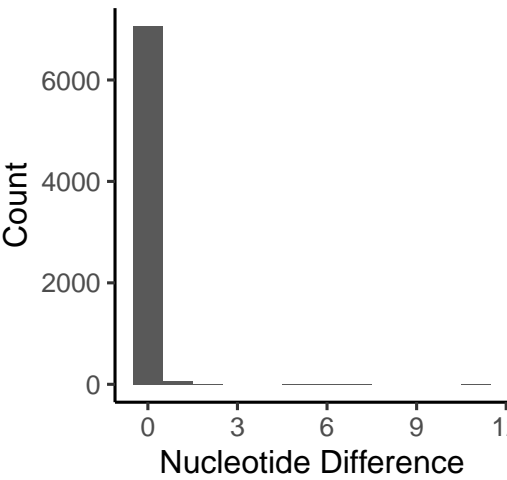
TRBV6-7*ap01

436 sequences assigned
432 (99.1%) exact matches, in which:
422 unique CDR3
13 unique J



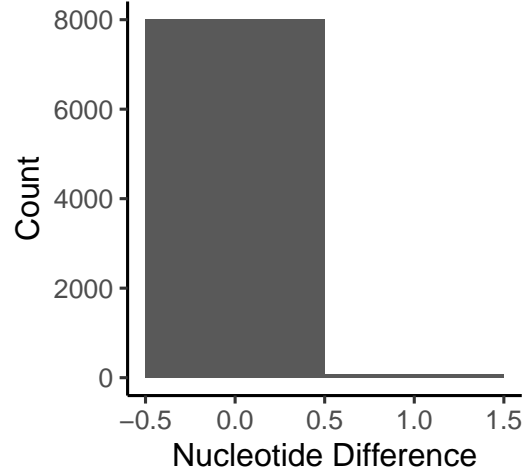
TRBV6-23*ap01

7131 sequences assigned
7063 (99%) exact matches, in which:
6918 unique CDR3
13 unique J



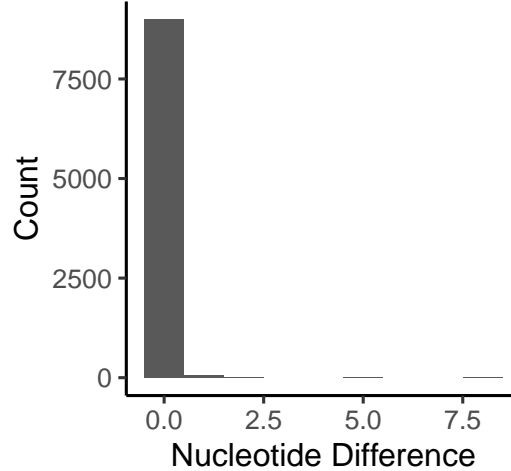
TRBV6-56*ap01

8081 sequences assigned
8006 (99.1%) exact matches, in which:
7873 unique CDR3
13 unique J



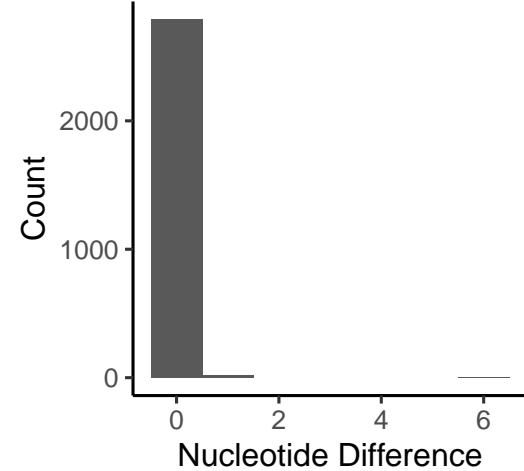
TRBV7-2*ap01

9067 sequences assigned
8995 (99.2%) exact matches, in which:
8841 unique CDR3
13 unique J



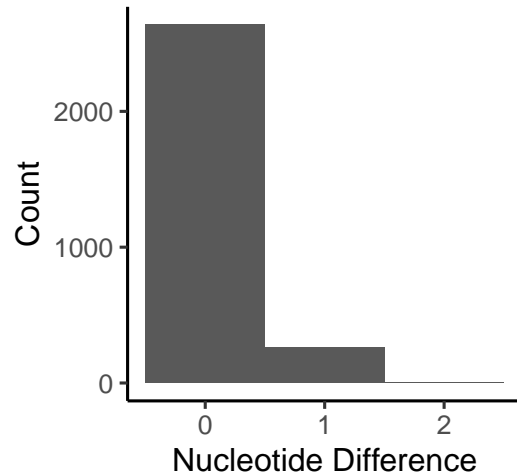
TRBV7-6*ap01

2809 sequences assigned
2790 (99.3%) exact matches, in which:
2744 unique CDR3
13 unique J



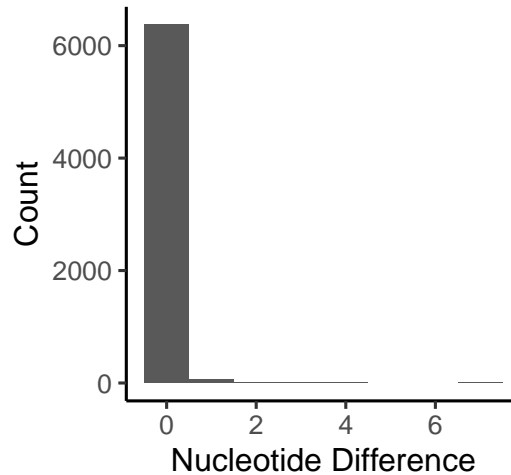
TRBV6-56*ap02

2904 sequences assigned
2638 (90.8%) exact matches, in which:
2588 unique CDR3
13 unique J



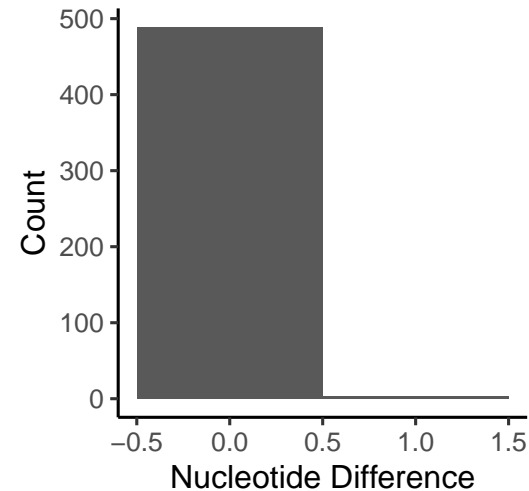
TRBV7-3*ap01

6442 sequences assigned
6372 (98.9%) exact matches, in which:
6282 unique CDR3
13 unique J



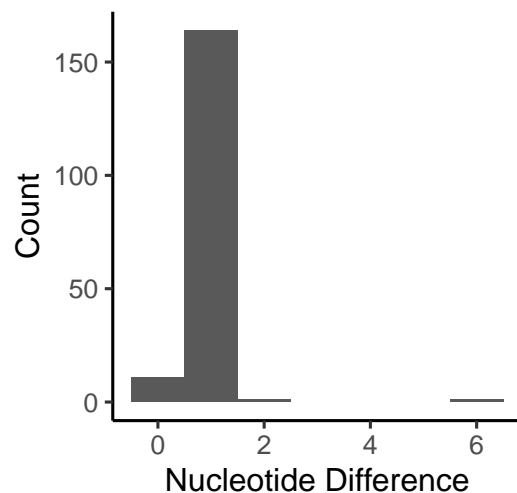
TRBV7-7*ap01

492 sequences assigned
489 (99.4%) exact matches, in which:
481 unique CDR3
13 unique J



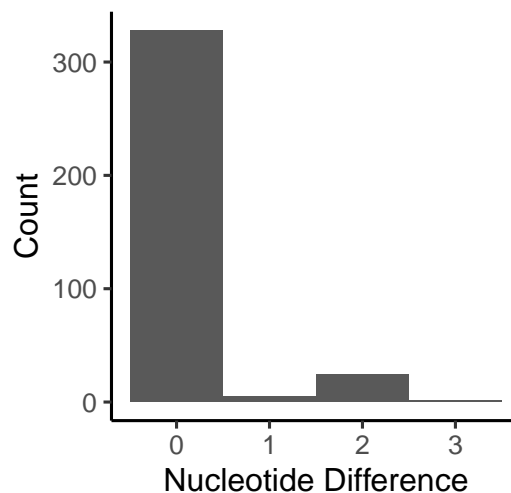
TRBV7-1*ap01_T296C

177 sequences assigned
11 (6.2%) exact matches, in which:
11 unique CDR3
8 unique J



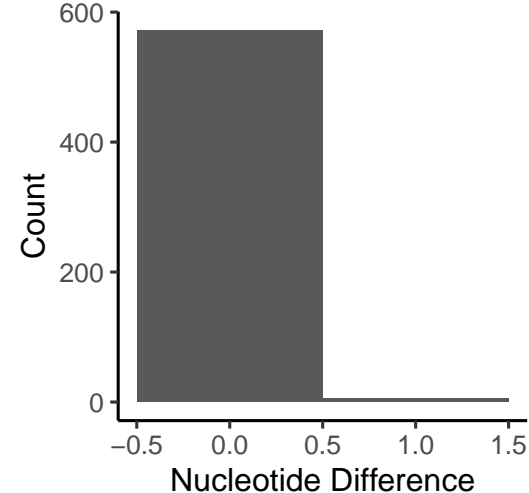
TRBV7-4*ap01

358 sequences assigned
328 (91.6%) exact matches, in which:
327 unique CDR3
13 unique J



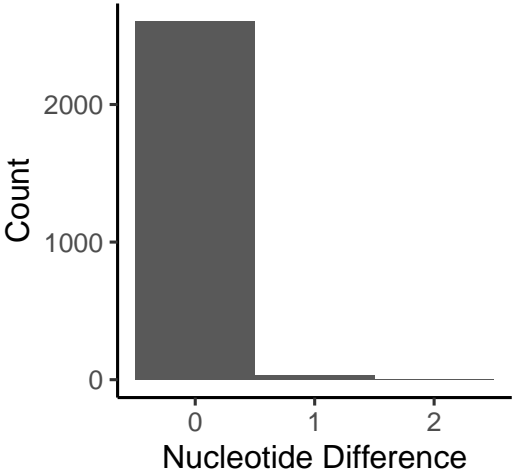
TRBV7-7*ap01_C315T

577 sequences assigned
572 (99.1%) exact matches, in which:
565 unique CDR3
13 unique J



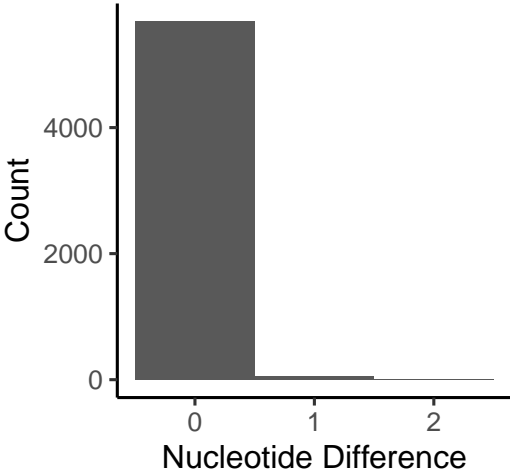
TRBV7-8*ap01

2636 sequences assigned
2604 (98.8%) exact matches, in which:
2557 unique CDR3
13 unique J



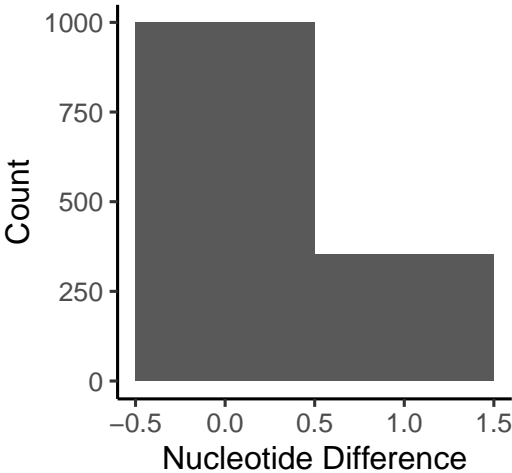
TRBV29-1*ap01

5739 sequences assigned
5685 (99.1%) exact matches, in which:
5602 unique CDR3
13 unique J



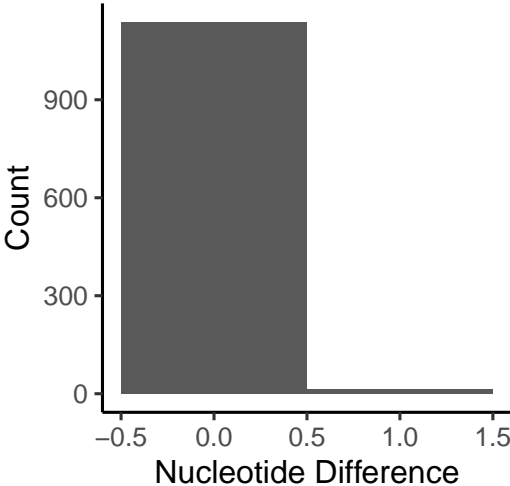
TRBV7-8*ap03

1353 sequences assigned
999 (73.8%) exact matches, in which:
973 unique CDR3
13 unique J



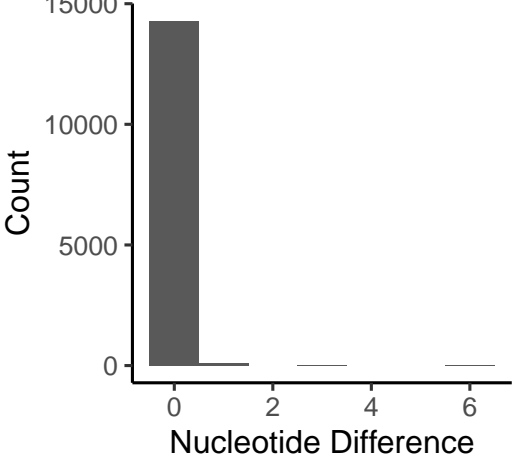
TRBV29-1*ap02

1151 sequences assigned
1138 (98.9%) exact matches, in which:
1122 unique CDR3
13 unique J

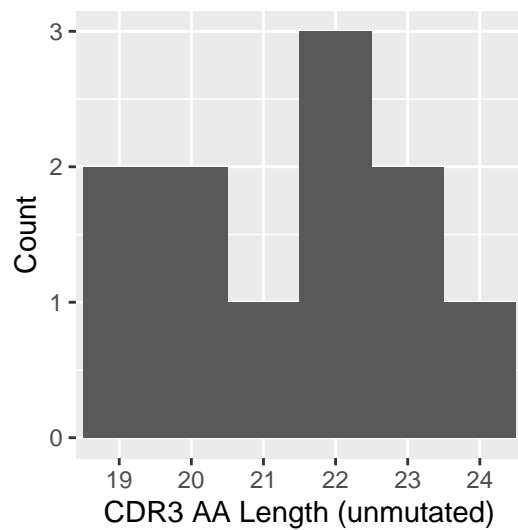


TRBV7-9*ap01

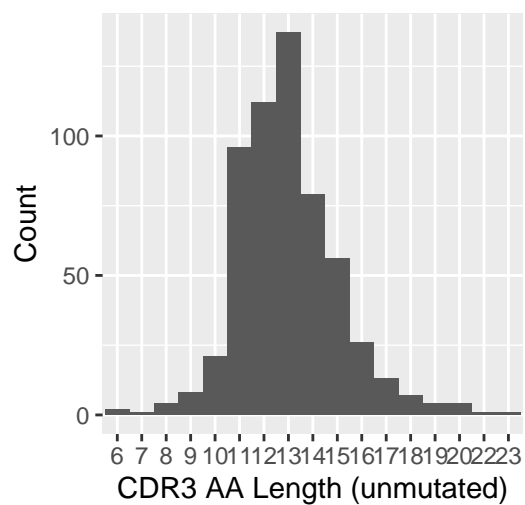
14399 sequences assigned
14292 (99.3%) exact matches, in which:
14090 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





[illegible]