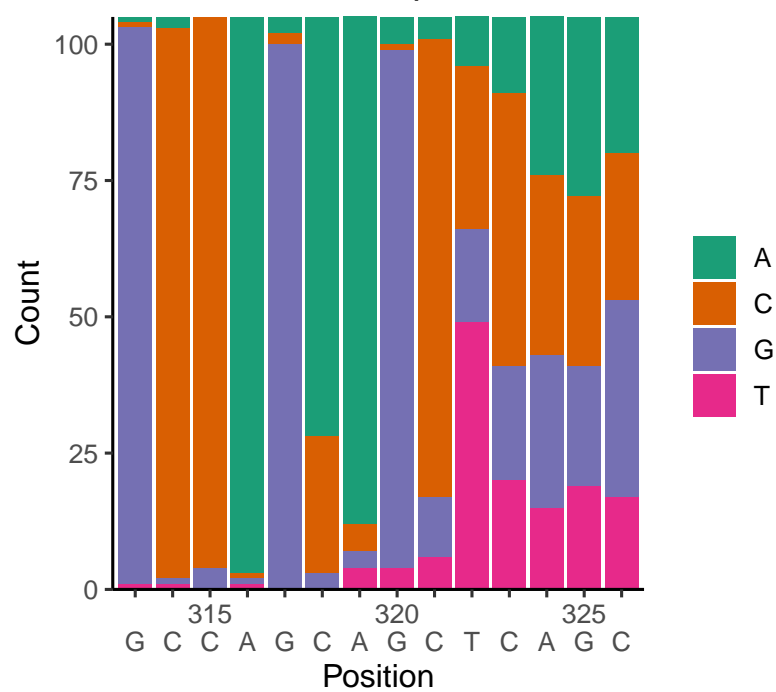
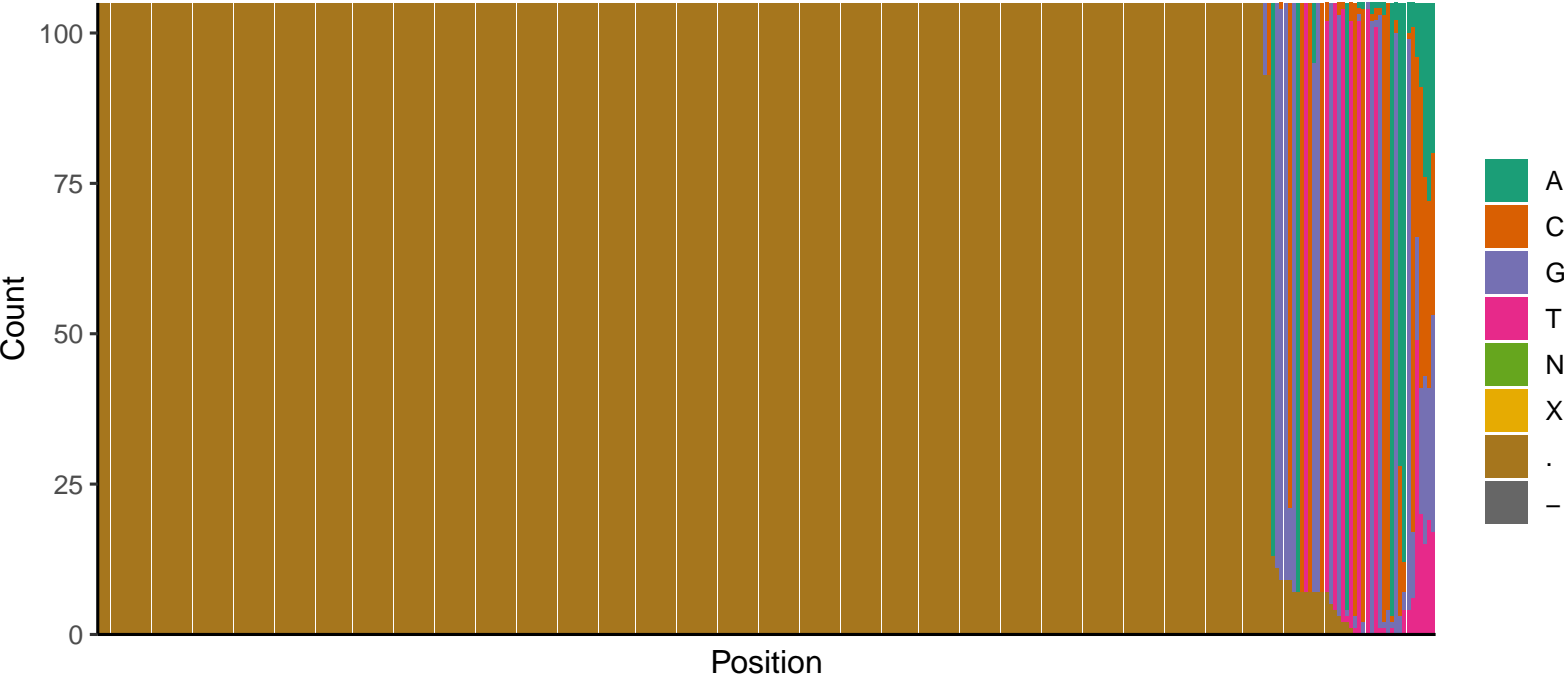


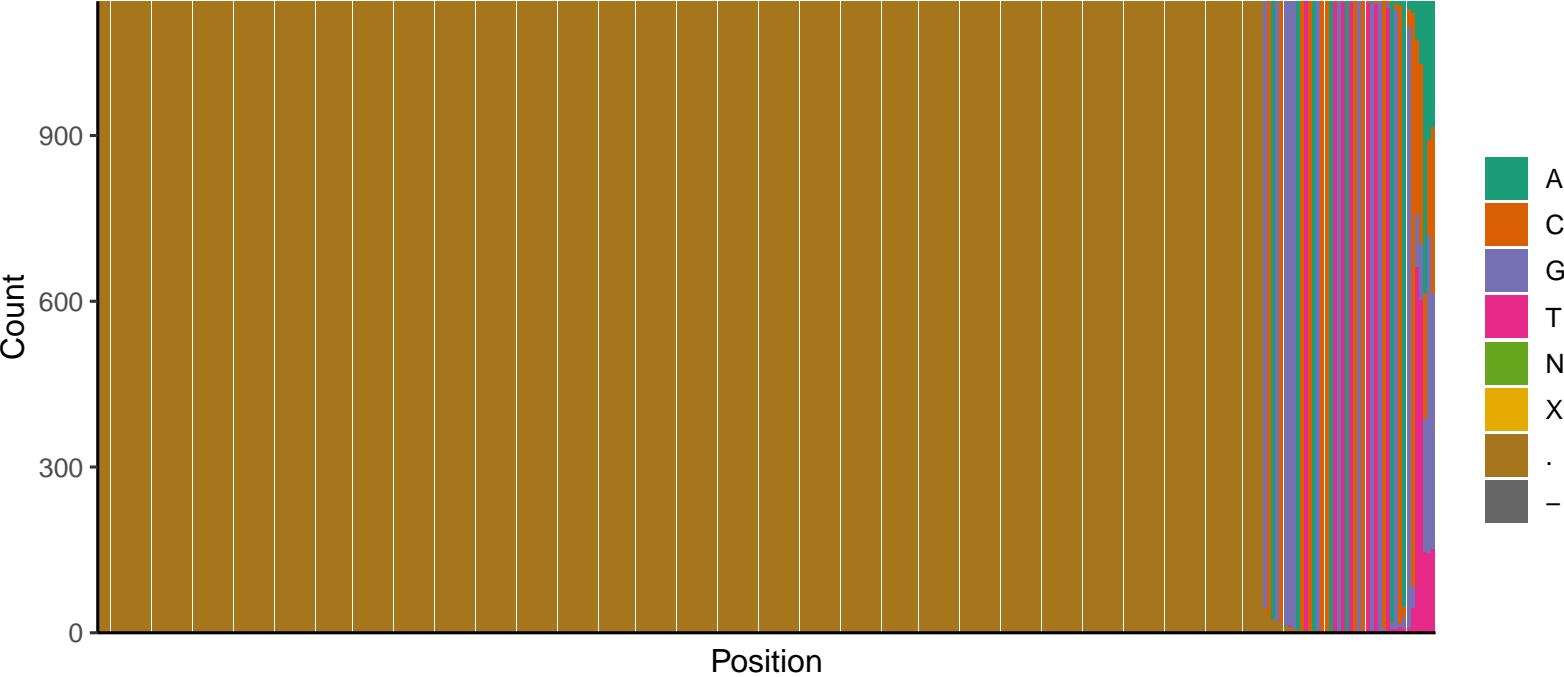
Gene TRBV7-1*ap01_T296C



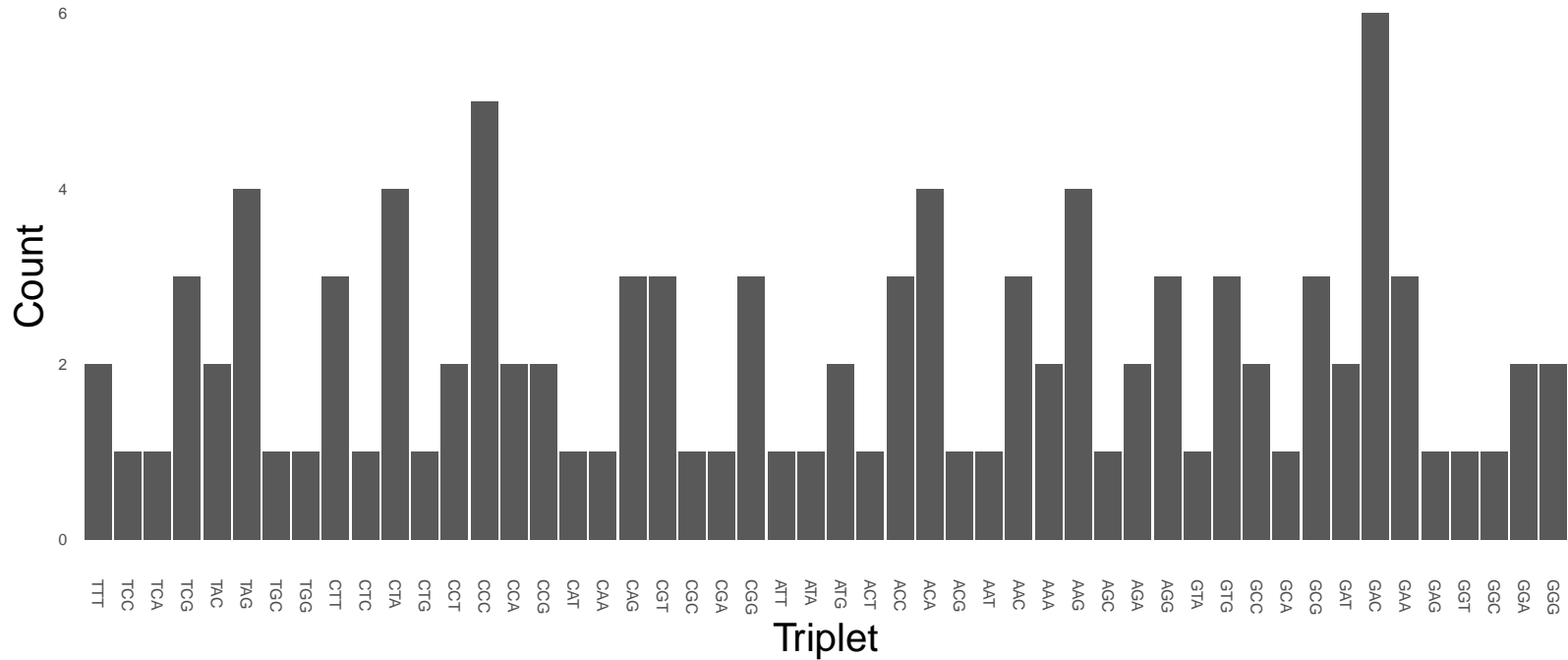
Gene TRBV7-1*ap01_T296C



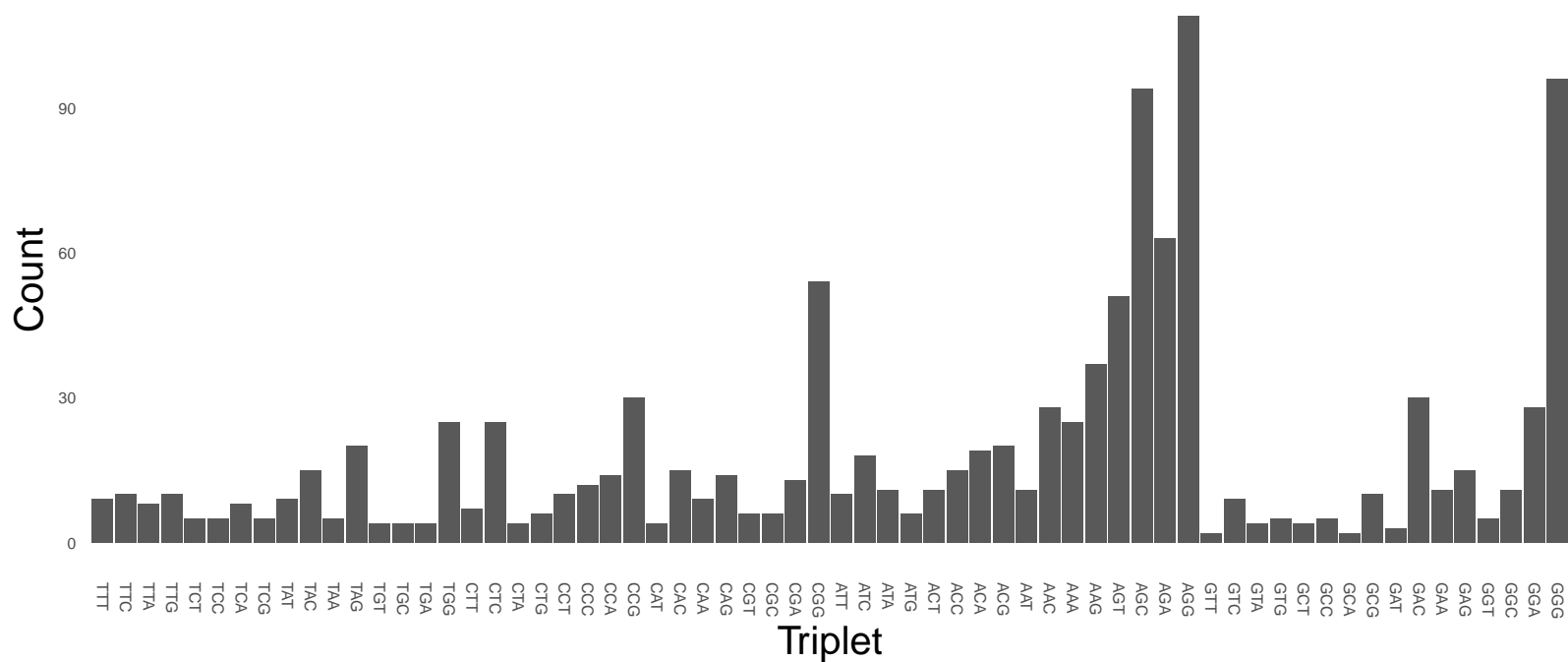
Gene TRBV7-7*ap01_C315T



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

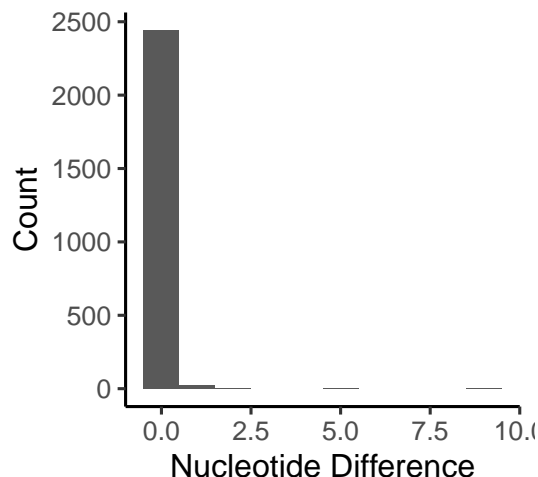


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



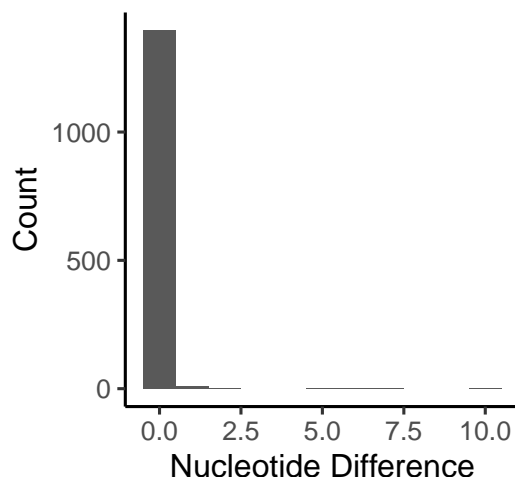
TRBV10-1*ap01

2470 sequences assigned
2441 (98.8%) exact matches, in which:
2410 unique CDR3
13 unique J



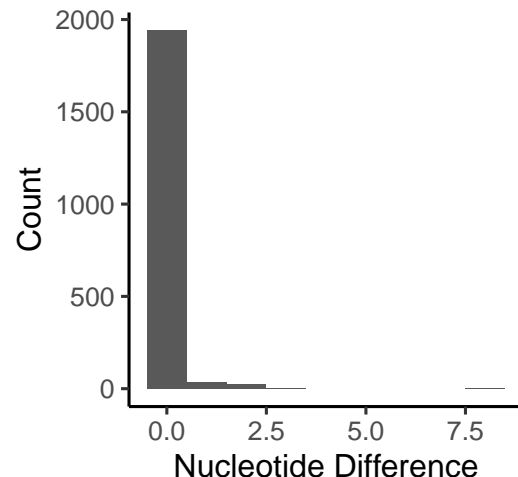
TRBV10-2*ap01

1410 sequences assigned
1396 (99%) exact matches, in which:
1366 unique CDR3
13 unique J



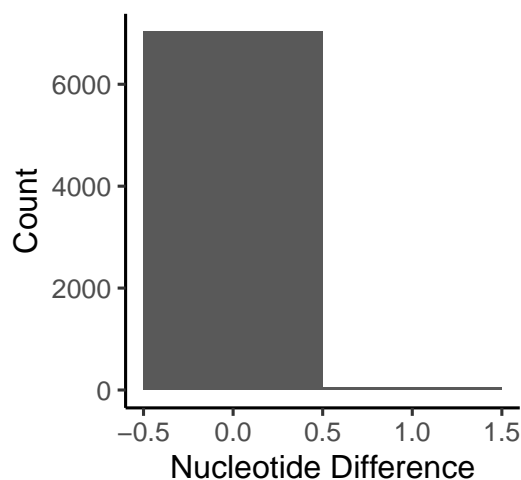
TRBV13*ap01

2007 sequences assigned
1941 (96.7%) exact matches, in which:
1902 unique CDR3
13 unique J



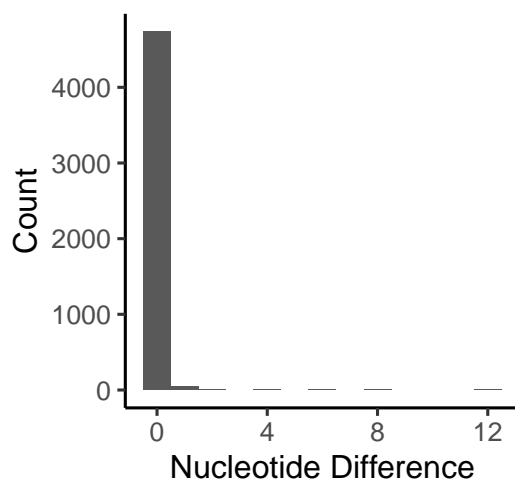
TRBV20-1*ap01

7071 sequences assigned
7031 (99.4%) exact matches, in which:
7001 unique CDR3
13 unique J



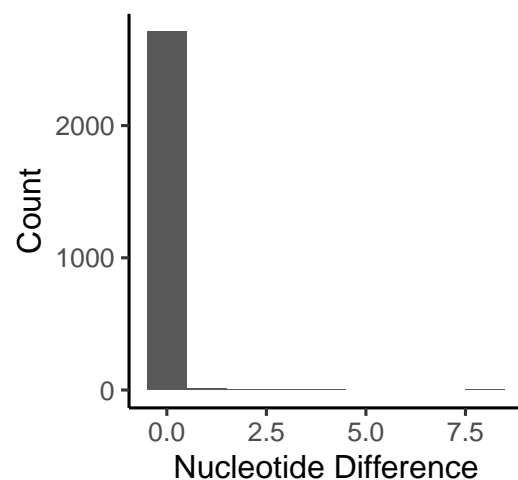
TRBV10-3*ap01

4791 sequences assigned
4735 (98.8%) exact matches, in which:
4677 unique CDR3
13 unique J



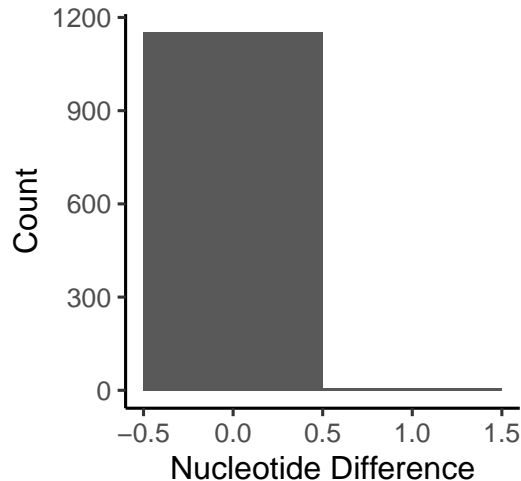
TRBV14*ap01

2724 sequences assigned
2710 (99.5%) exact matches, in which:
2676 unique CDR3
13 unique J



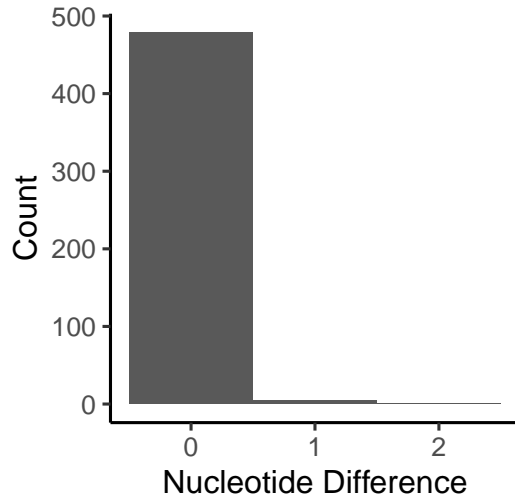
TRBV20-1*ap02

1160 sequences assigned
1153 (99.4%) exact matches, in which:
1140 unique CDR3
13 unique J



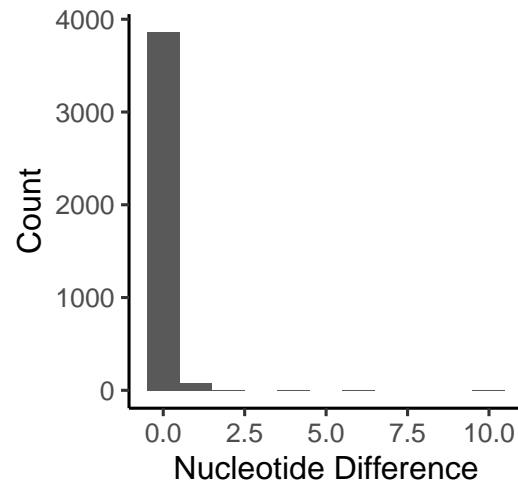
TRBV1*ap01

485 sequences assigned
479 (98.8%) exact matches, in which:
469 unique CDR3
13 unique J



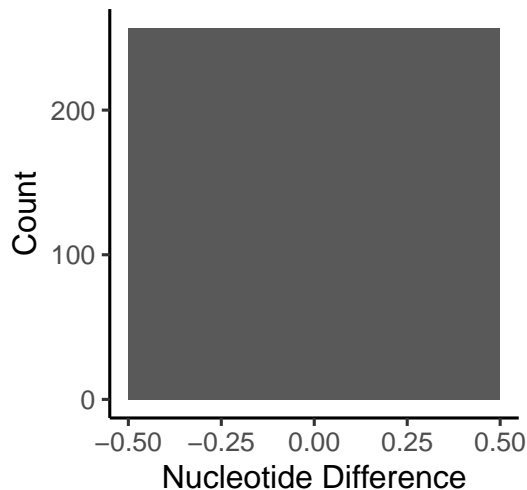
TRBV15*ap02

3943 sequences assigned
3862 (97.9%) exact matches, in which:
3773 unique CDR3
13 unique J



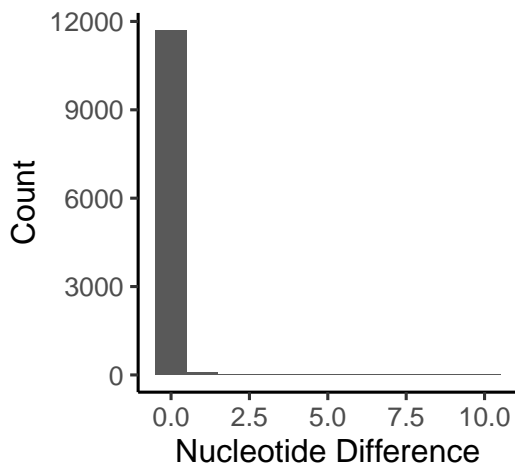
TRBV16*ap01

257 sequences assigned
257 (100%) exact matches, in which:
257 unique CDR3
13 unique J



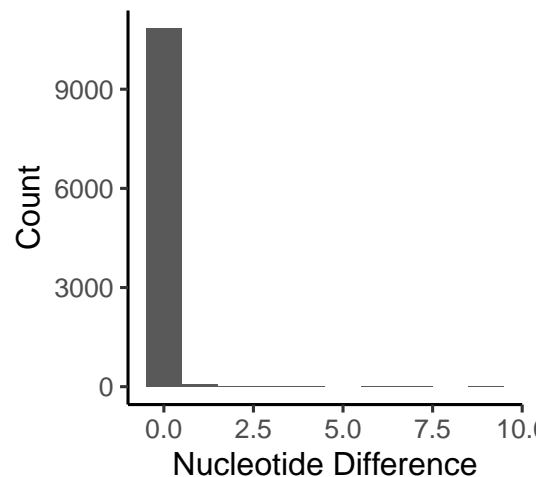
TRBV19*ap01

11801 sequences assigned
11704 (99.2%) exact matches, in which:
11619 unique CDR3
13 unique J



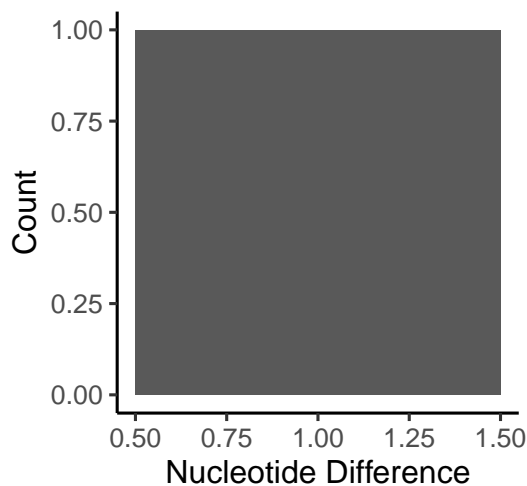
TRBV27*ap01

10926 sequences assigned
10840 (99.2%) exact matches, in which:
10687 unique CDR3
13 unique J



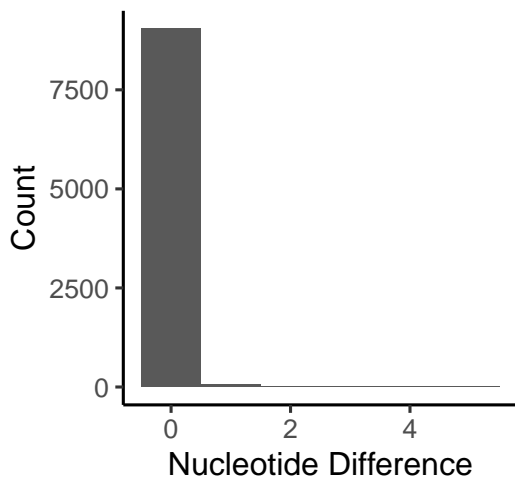
TRBV17*ap01

1 sequences assigned
No exact matches.



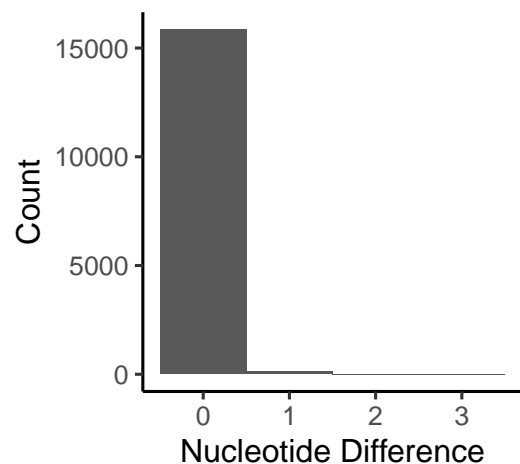
TRBV2*ap01

9116 sequences assigned
9042 (99.2%) exact matches, in which:
8924 unique CDR3
13 unique J



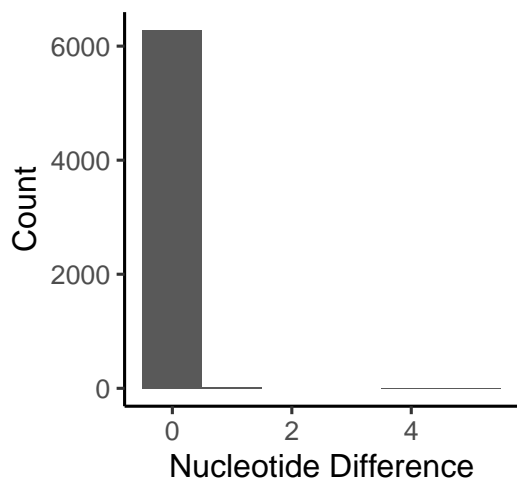
TRBV28*ap01

15976 sequences assigned
15854 (99.2%) exact matches, in which:
15703 unique CDR3
13 unique J



TRBV18*ap01

6312 sequences assigned
6282 (99.5%) exact matches, in which:
6235 unique CDR3
13 unique J



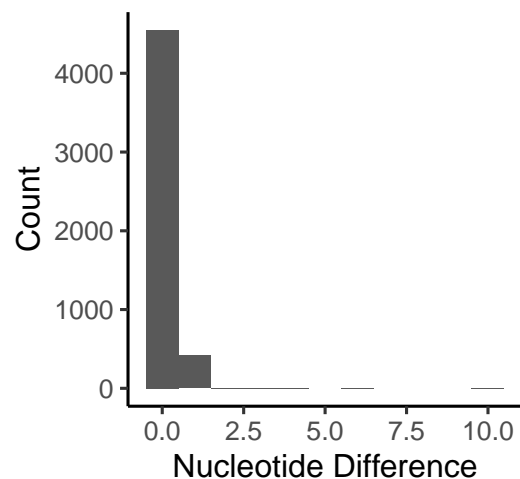
TRBV26*ap01

1 sequences assigned
No exact matches.



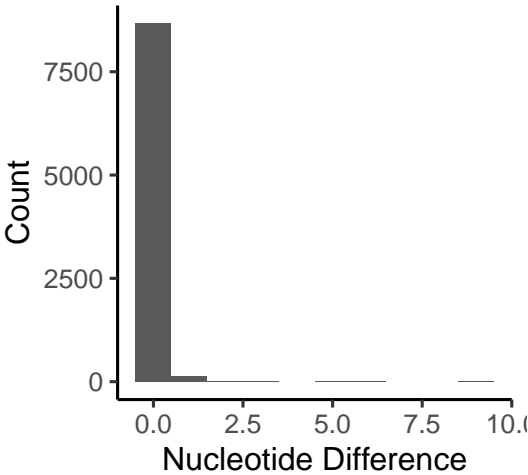
TRBV30*ap01

4978 sequences assigned
4549 (91.4%) exact matches, in which:
4428 unique CDR3
13 unique J



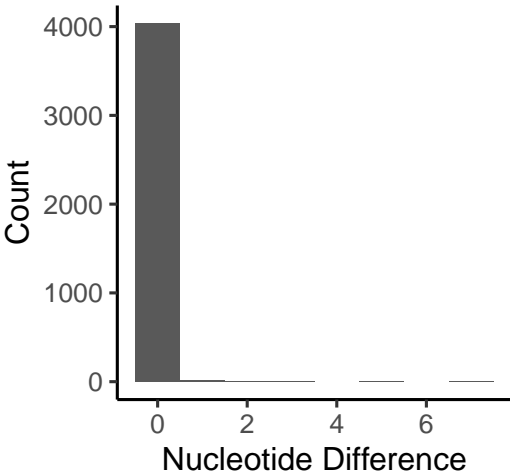
TRBV9*ap01

8810 sequences assigned
8669 (98.4%) exact matches, in which:
8576 unique CDR3
13 unique J



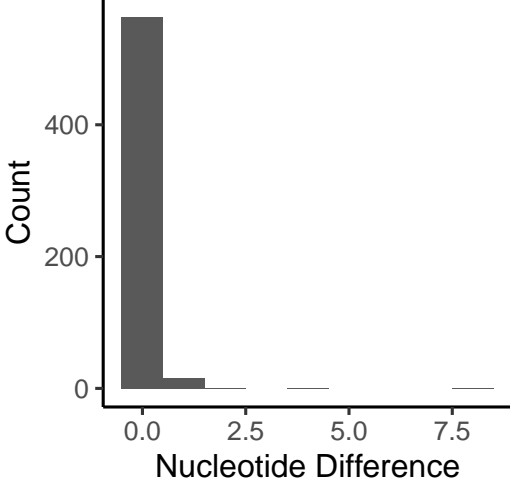
TRBV11-2*ap01

4054 sequences assigned
4036 (99.6%) exact matches, in which:
4020 unique CDR3
13 unique J



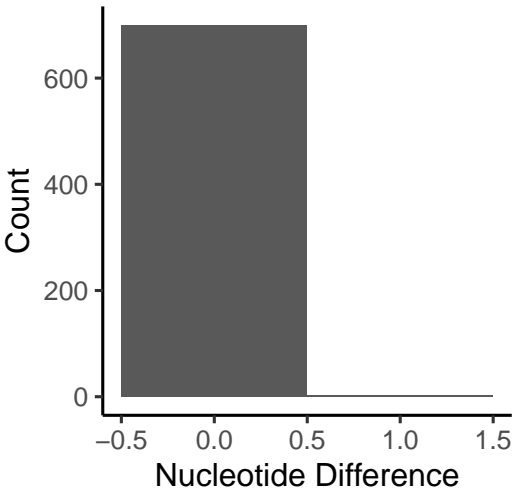
TRBV12-2*ap01

583 sequences assigned
564 (96.7%) exact matches, in which:
556 unique CDR3
13 unique J



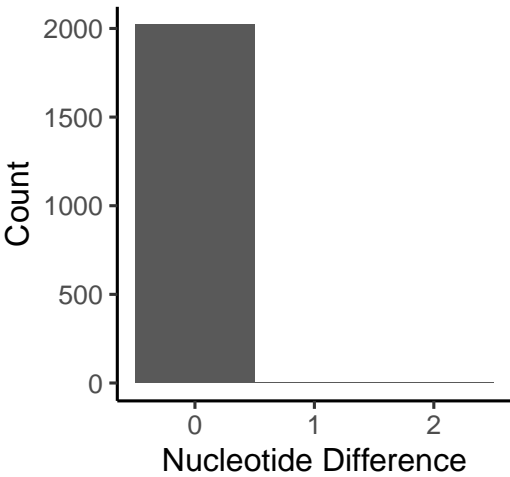
TRBV11-1*ap01

702 sequences assigned
700 (99.7%) exact matches, in which:
695 unique CDR3
13 unique J



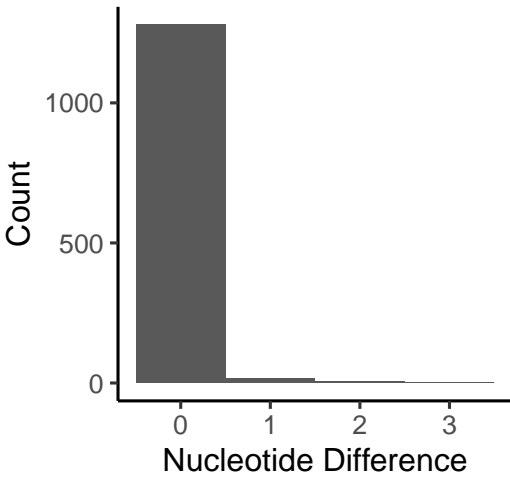
TRBV11-3*ap01

2026 sequences assigned
2021 (99.8%) exact matches, in which:
2012 unique CDR3
13 unique J



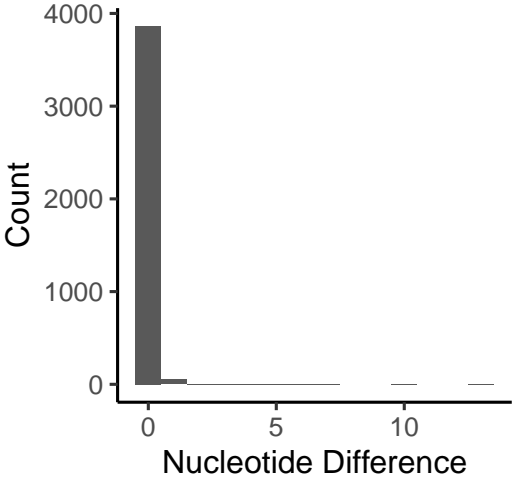
TRBV12-5*ap01

1300 sequences assigned
1279 (98.4%) exact matches, in which:
1259 unique CDR3
13 unique J



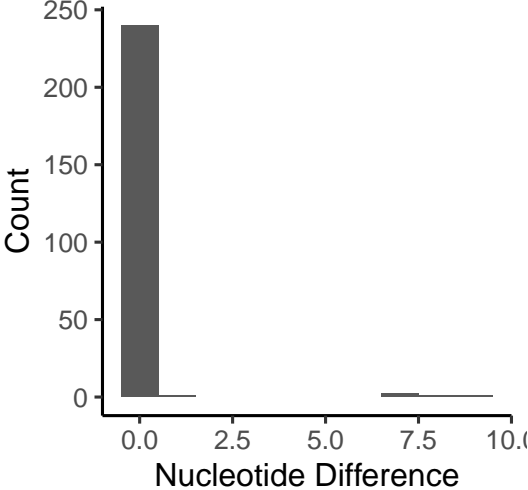
TRBV21-1*ap01

3938 sequences assigned
3864 (98.1%) exact matches, in which:
3836 unique CDR3
13 unique J



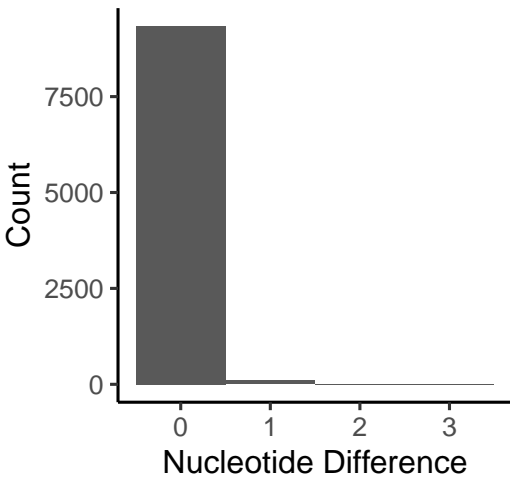
TRBV12-1*ap01

245 sequences assigned
240 (98%) exact matches, in which:
239 unique CDR3
13 unique J



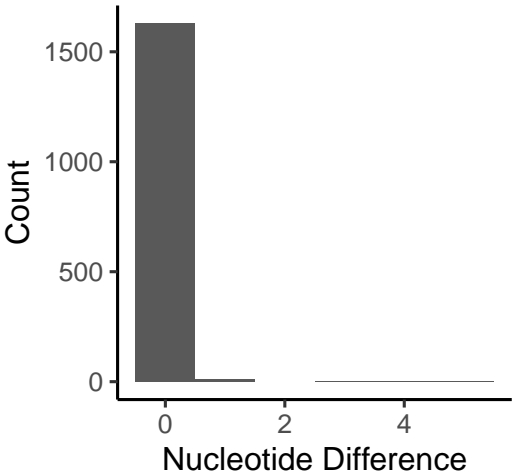
TRBV12-34*ap01

9451 sequences assigned
9339 (98.8%) exact matches, in which:
9209 unique CDR3
13 unique J



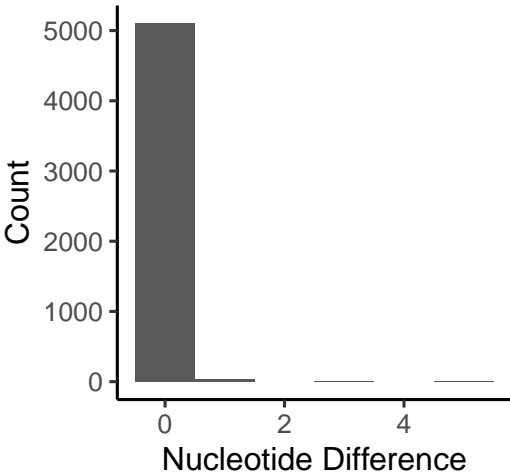
TRBV23-1*ap01

1646 sequences assigned
1629 (99%) exact matches, in which:
1604 unique CDR3
13 unique J



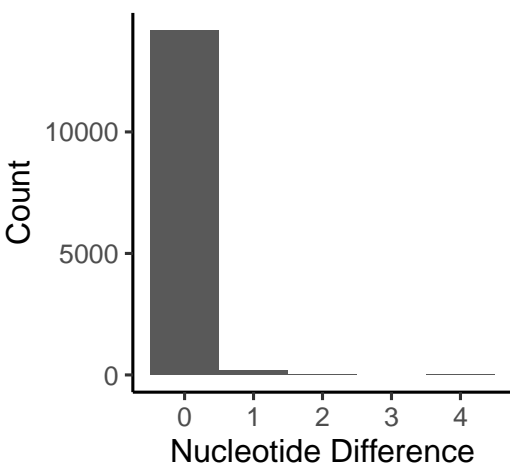
TRBV4-1*ap01

5138 sequences assigned
5102 (99.3%) exact matches, in which:
4983 unique CDR3
13 unique J



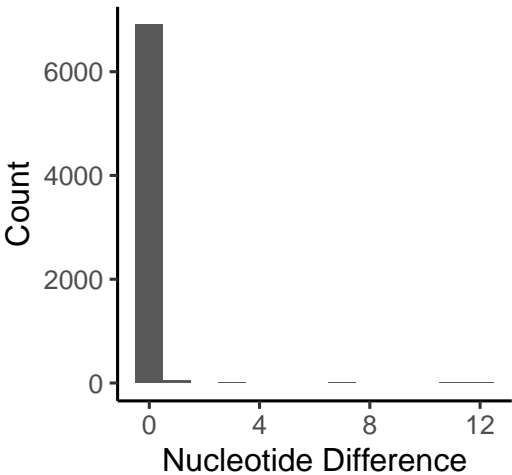
TRBV5-1*ap01

14365 sequences assigned
14188 (98.8%) exact matches, in which:
13932 unique CDR3
13 unique J



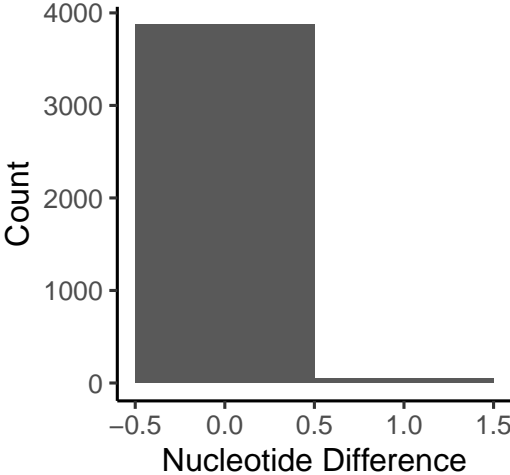
TRBV3-12*ap01

6962 sequences assigned
6905 (99.2%) exact matches, in which:
6840 unique CDR3
13 unique J



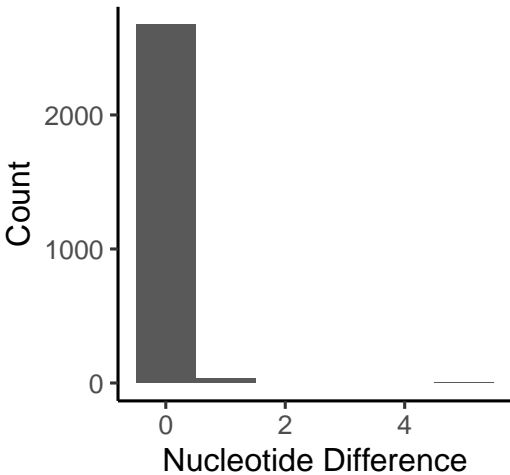
TRBV4-2*ap01

3923 sequences assigned
3872 (98.7%) exact matches, in which:
3796 unique CDR3
13 unique J



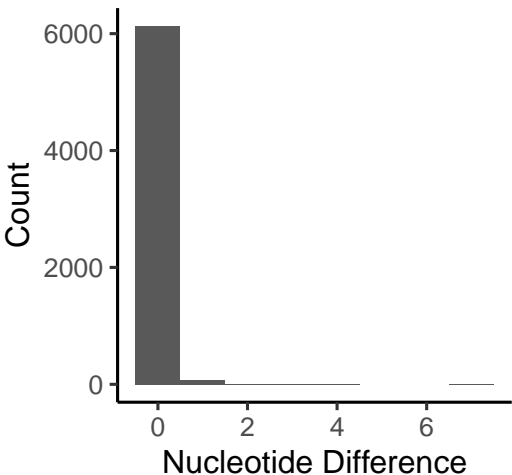
TRBV25-1*ap01

2704 sequences assigned
2673 (98.9%) exact matches, in which:
2618 unique CDR3
13 unique J



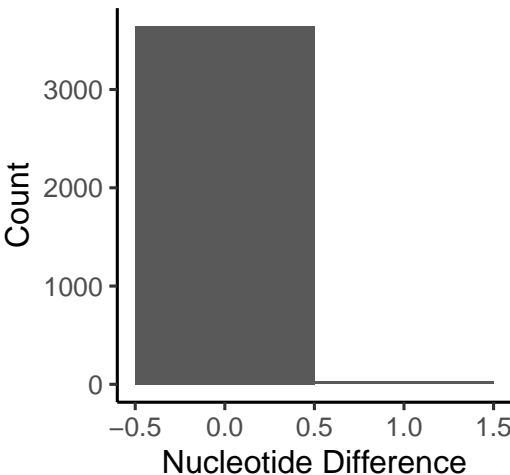
TRBV24-1*ap01

6209 sequences assigned
6130 (98.7%) exact matches, in which:
6015 unique CDR3
13 unique J



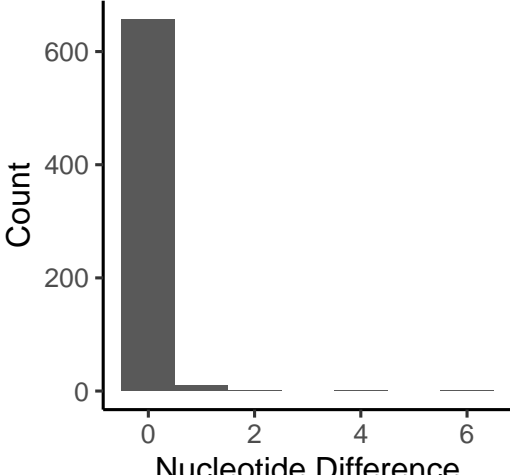
TRBV4-3*ap01

3676 sequences assigned
3646 (99.2%) exact matches, in which:
3569 unique CDR3
13 unique J



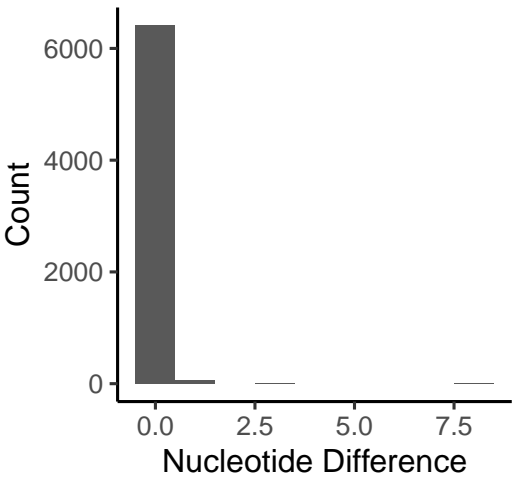
TRBV5-3*ap01

670 sequences assigned
657 (98.1%) exact matches, in which:
651 unique CDR3
13 unique J



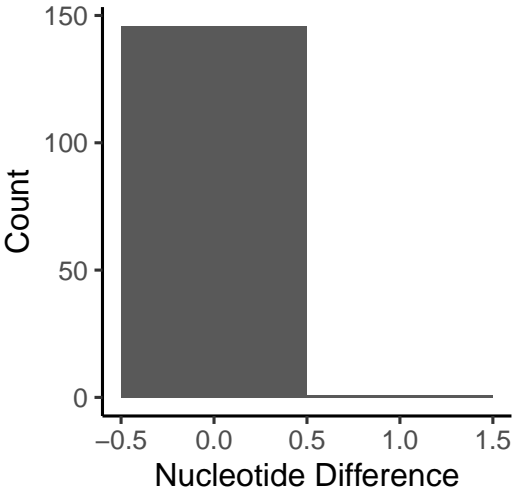
TRBV5-4*ap01

6473 sequences assigned
6412 (99.1%) exact matches, in which:
6305 unique CDR3
13 unique J



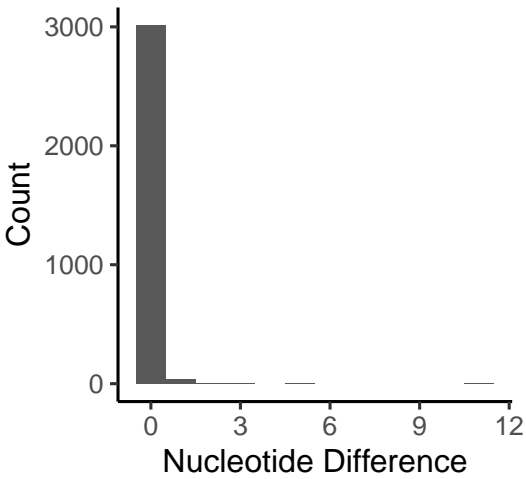
TRBV5-7*ap01

147 sequences assigned
146 (99.3%) exact matches, in which:
141 unique CDR3
13 unique J



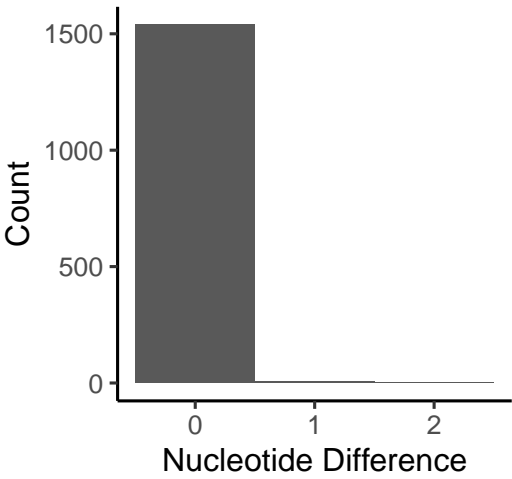
TRBV6-4*ap01

3057 sequences assigned
3012 (98.5%) exact matches, in which:
2980 unique CDR3
13 unique J



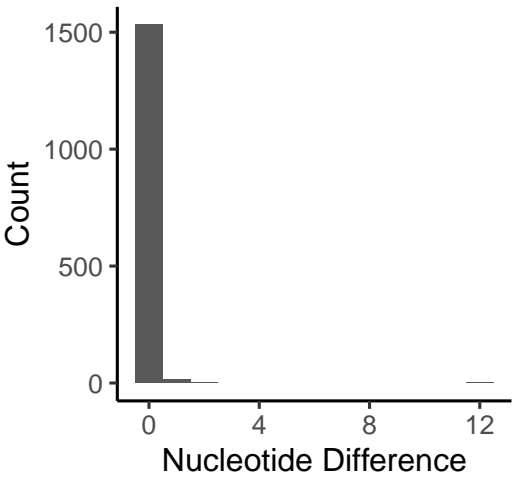
TRBV5-5*ap01

1548 sequences assigned
1539 (99.4%) exact matches, in which:
1535 unique CDR3
13 unique J



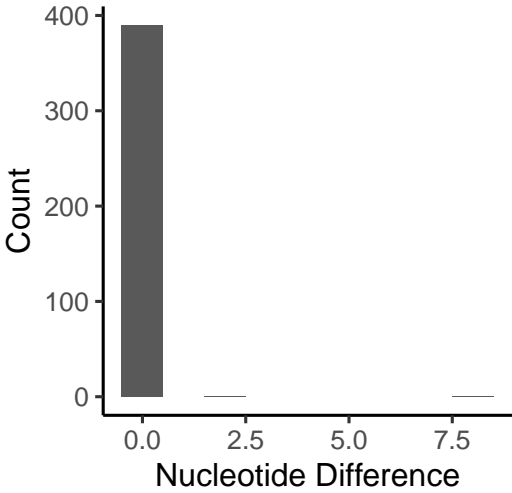
TRBV5-8*ap01

1547 sequences assigned
1532 (99%) exact matches, in which:
1514 unique CDR3
13 unique J



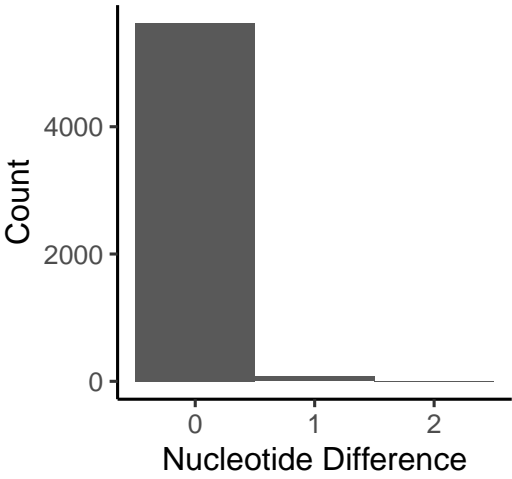
TRBV6-7*ap01

392 sequences assigned
390 (99.5%) exact matches, in which:
383 unique CDR3
13 unique J



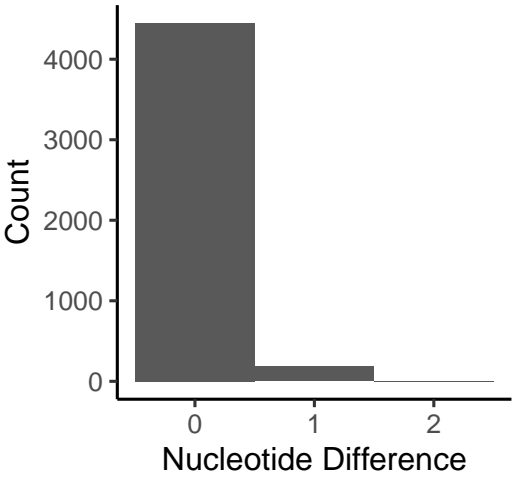
TRBV5-6*ap01

5704 sequences assigned
5629 (98.7%) exact matches, in which:
5478 unique CDR3
13 unique J



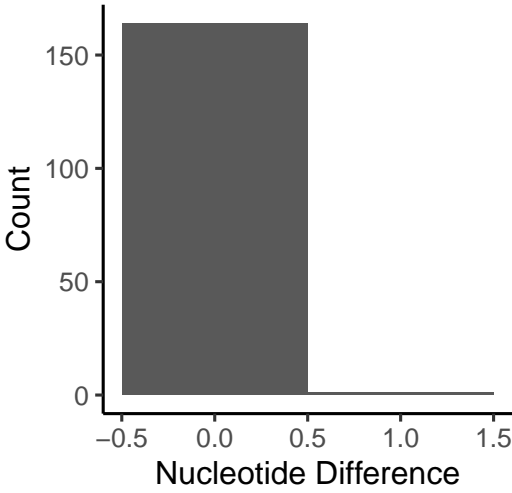
TRBV6-1*ap01

4633 sequences assigned
4449 (96%) exact matches, in which:
4343 unique CDR3
13 unique J



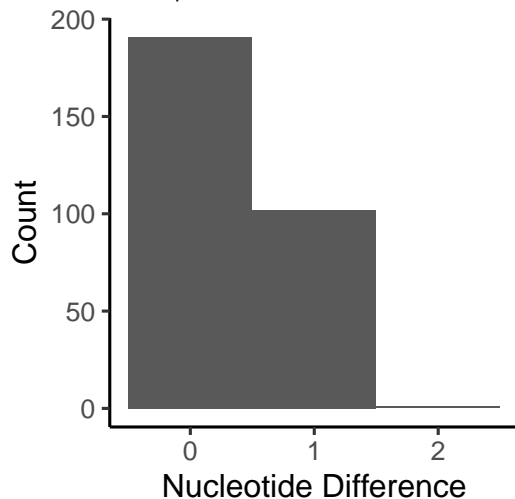
TRBV6-8*ap01

165 sequences assigned
164 (99.4%) exact matches, in which:
161 unique CDR3
13 unique J



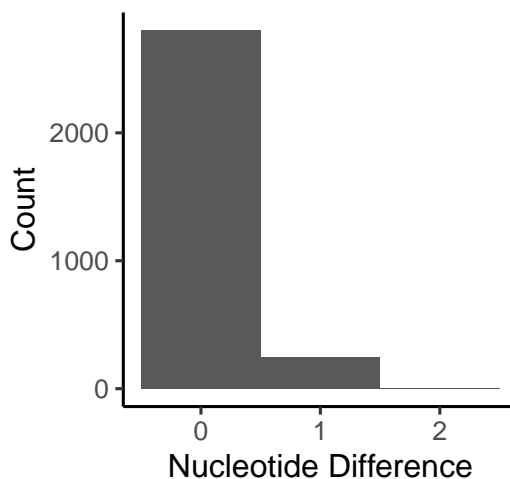
TRBV6-9*ap01

294 sequences assigned
191 (65%) exact matches, in which:
189 unique CDR3
13 unique J



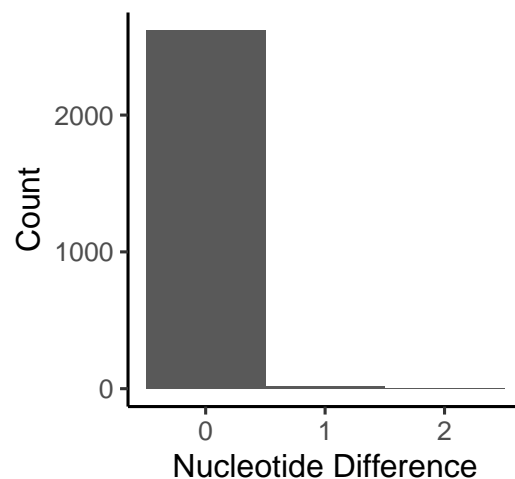
TRBV6-56*ap02

3051 sequences assigned
2801 (91.8%) exact matches, in which:
2740 unique CDR3
13 unique J



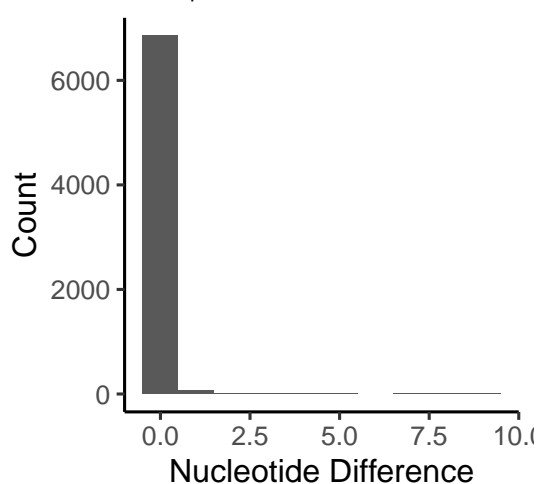
TRBV7-3*ap01

2643 sequences assigned
2619 (99.1%) exact matches, in which:
2604 unique CDR3
13 unique J



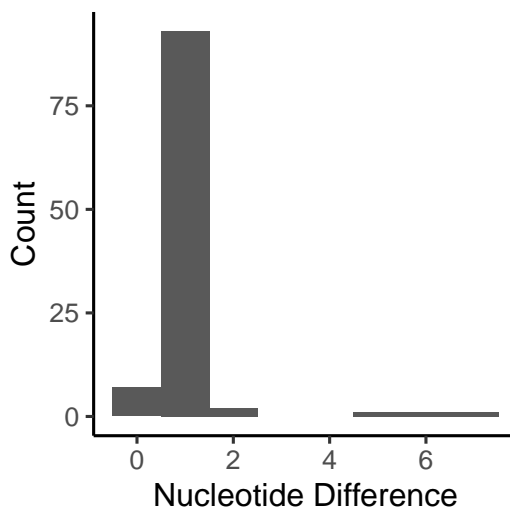
TRBV6-23*ap01

6932 sequences assigned
6854 (98.9%) exact matches, in which:
6693 unique CDR3
13 unique J



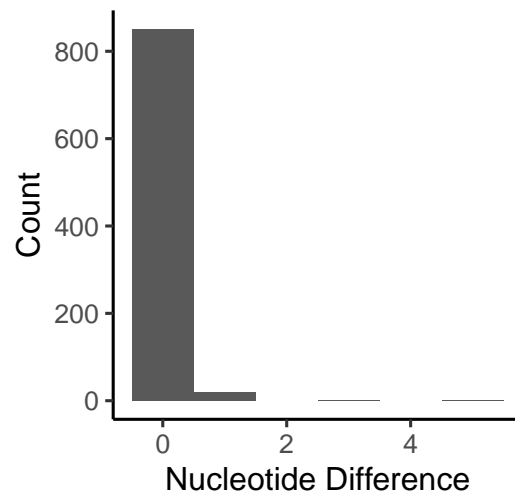
TRBV7-1*ap01_T296C

105 sequences assigned
7 (6.7%) exact matches, in which:
7 unique CDR3
5 unique J



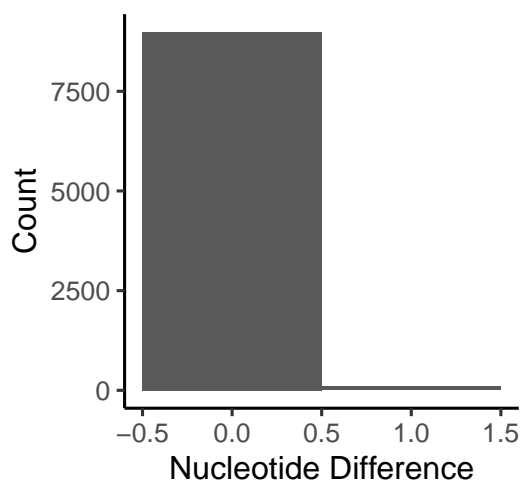
TRBV7-3*ap03

872 sequences assigned
851 (97.6%) exact matches, in which:
844 unique CDR3
13 unique J



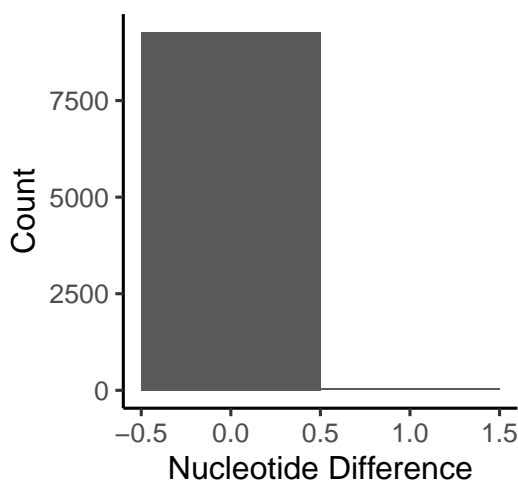
TRBV6-56*ap01

9086 sequences assigned
8986 (98.9%) exact matches, in which:
8766 unique CDR3
13 unique J



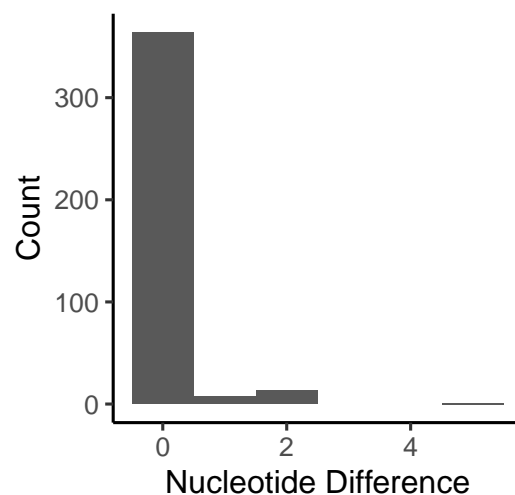
TRBV7-2*ap01

9317 sequences assigned
9274 (99.5%) exact matches, in which:
9170 unique CDR3
13 unique J



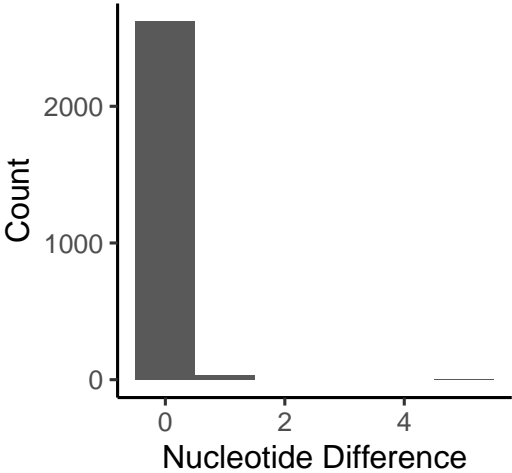
TRBV7-4*ap01

385 sequences assigned
364 (94.5%) exact matches, in which:
357 unique CDR3
13 unique J



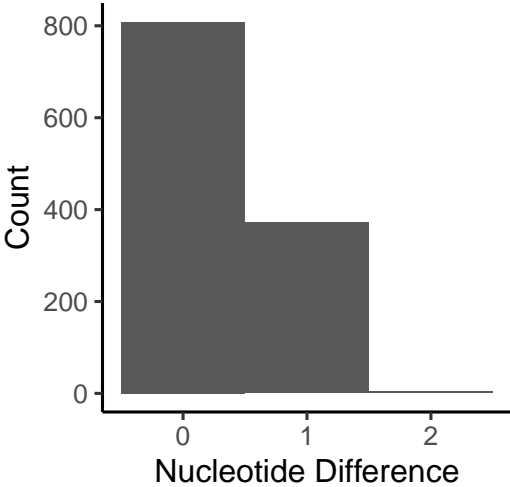
TRBV7-6*ap01

2652 sequences assigned
2621 (98.8%) exact matches, in which:
2589 unique CDR3
13 unique J



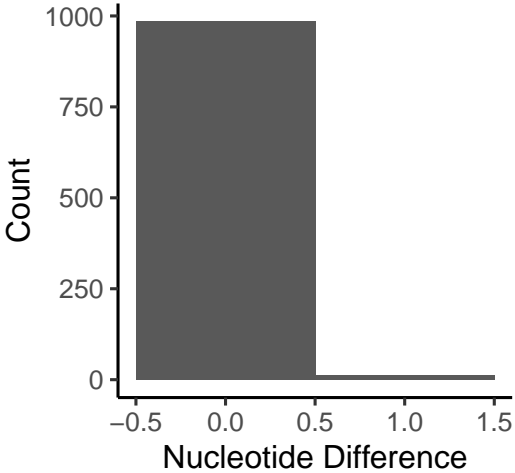
TRBV7-8*ap03

1185 sequences assigned
809 (68.3%) exact matches, in which:
803 unique CDR3
13 unique J



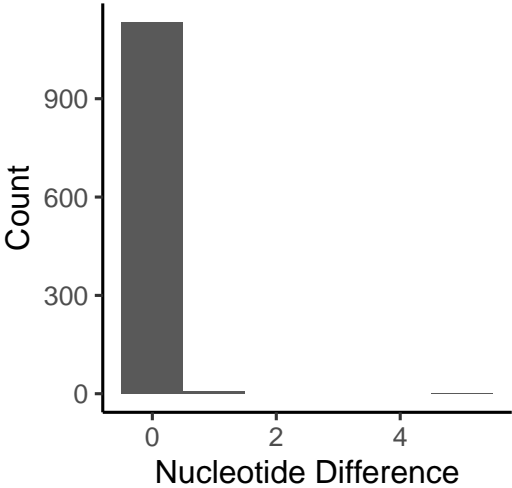
TRBV29-1*ap02

997 sequences assigned
985 (98.8%) exact matches, in which:
953 unique CDR3
13 unique J



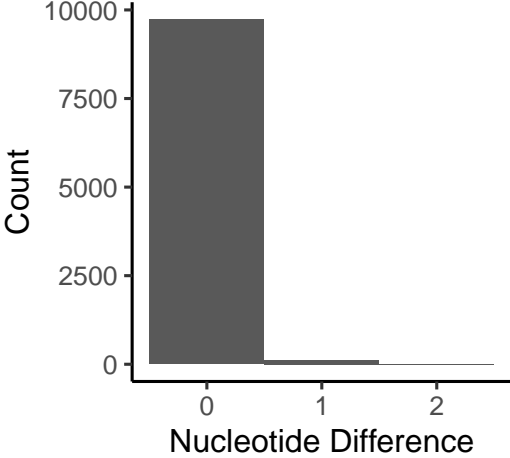
TRBV7-7*ap01_C315T

1143 sequences assigned
1134 (99.2%) exact matches, in which:
1120 unique CDR3
13 unique J



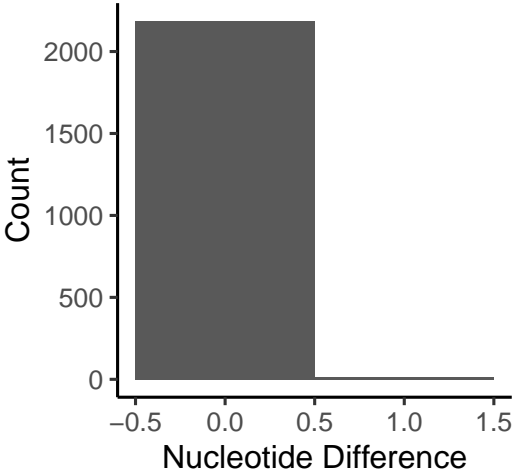
TRBV7-9*ap01

9853 sequences assigned
9731 (98.8%) exact matches, in which:
9620 unique CDR3
13 unique J



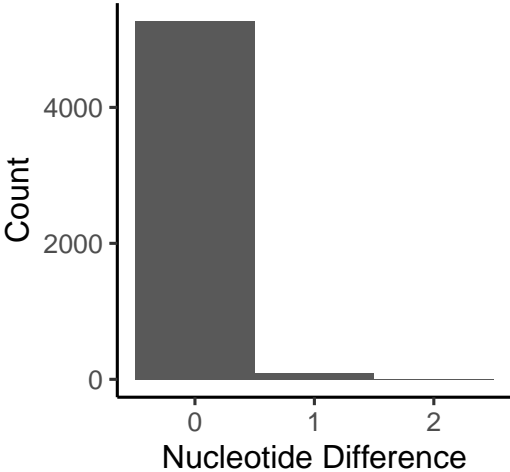
TRBV7-8*ap01

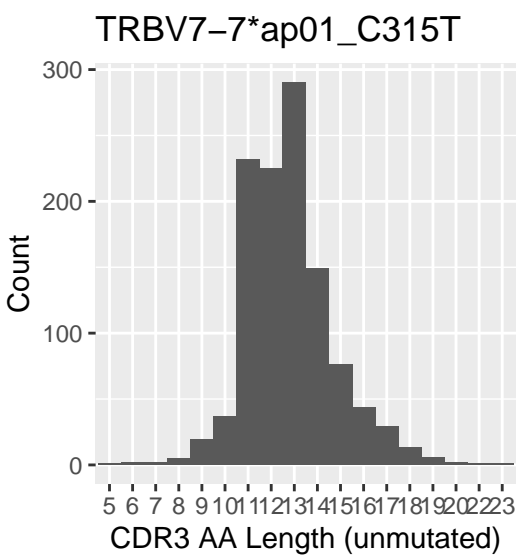
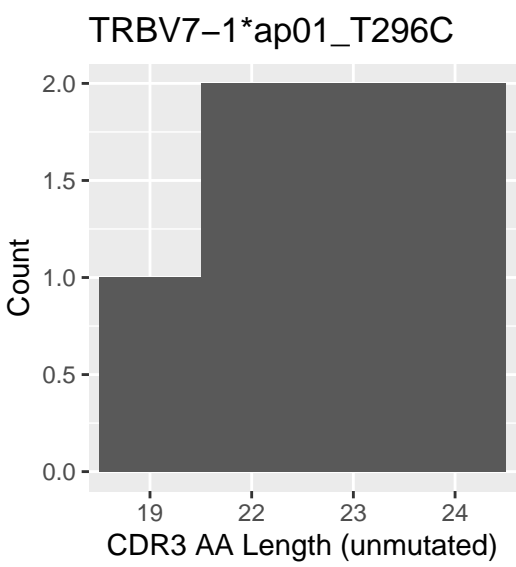
2200 sequences assigned
2186 (99.4%) exact matches, in which:
2147 unique CDR3
13 unique J



TRBV29-1*ap01

5364 sequences assigned
5270 (98.2%) exact matches, in which:
5099 unique CDR3
13 unique J







[illegible]