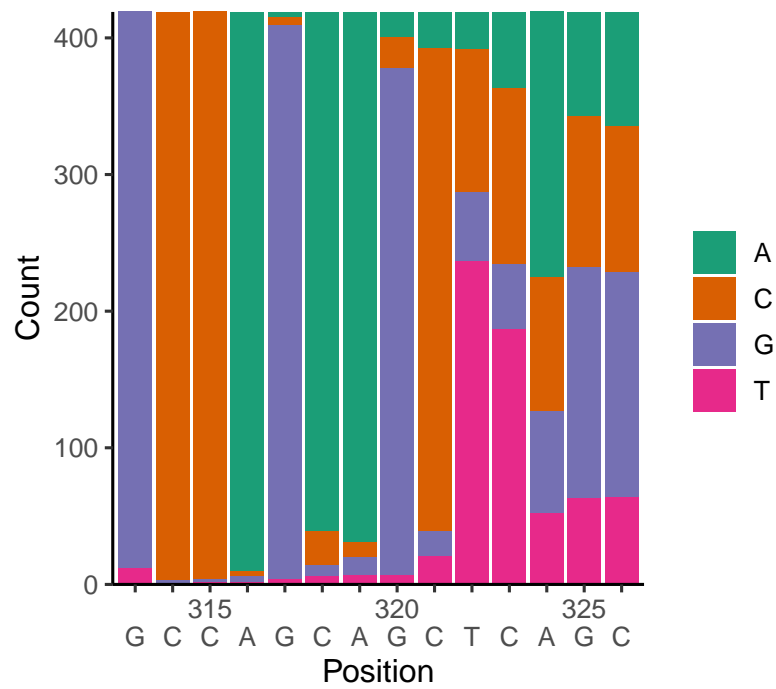
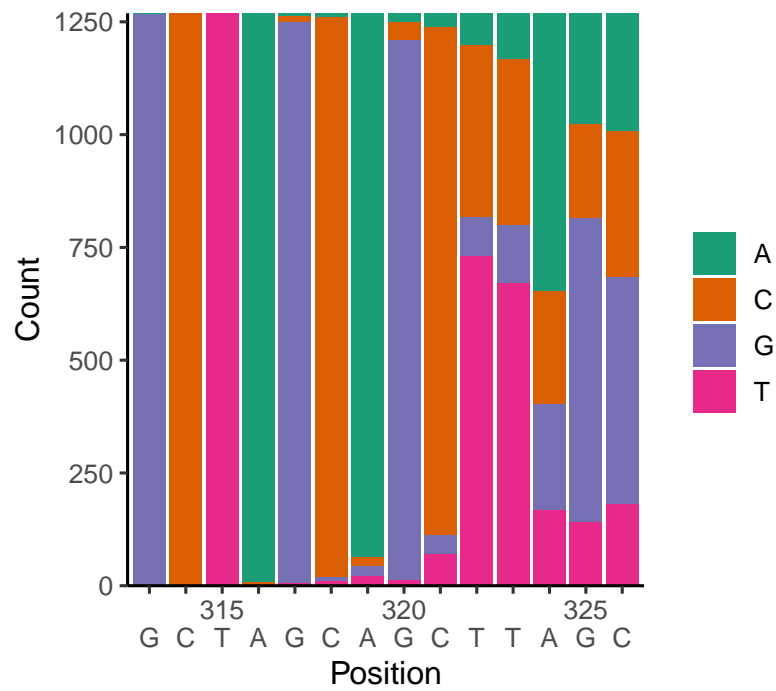


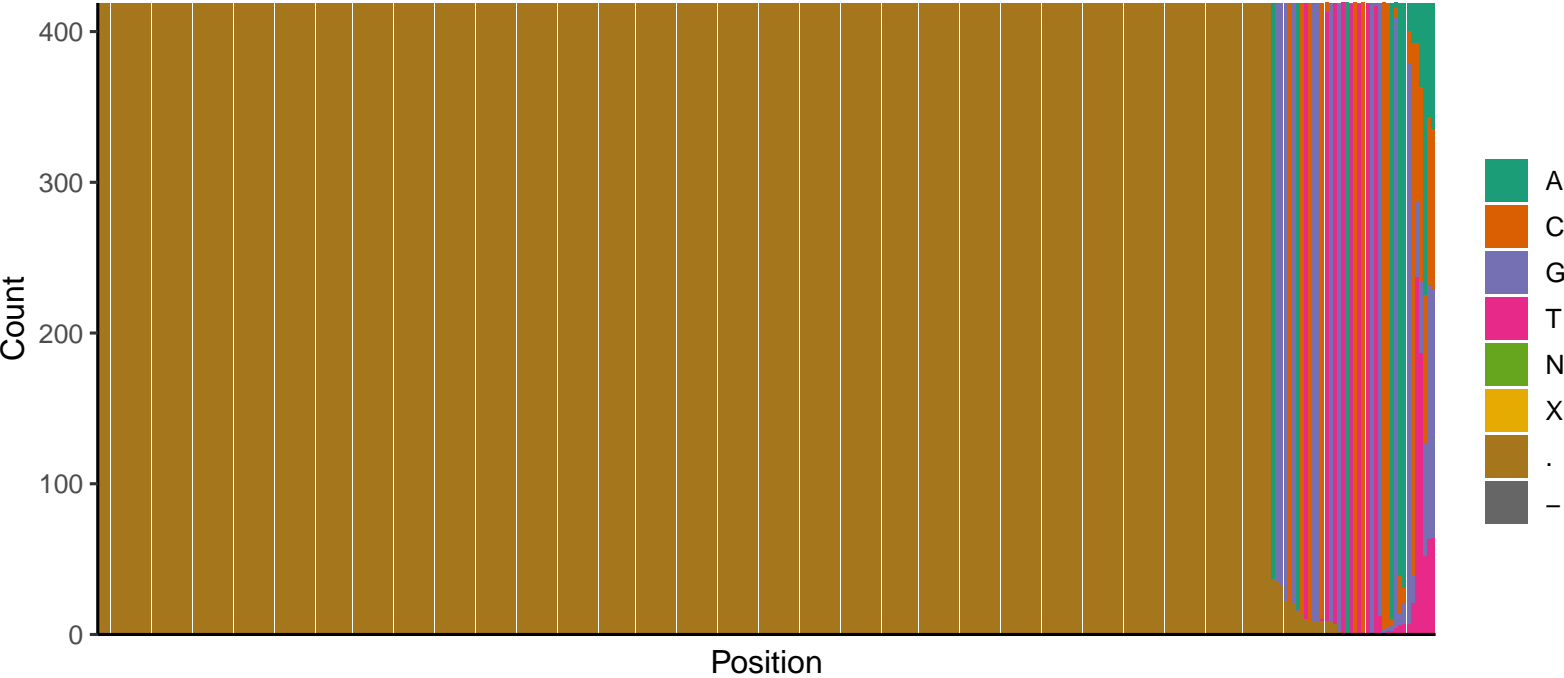
Gene TRBV7-1*ap01_G291C_T296C



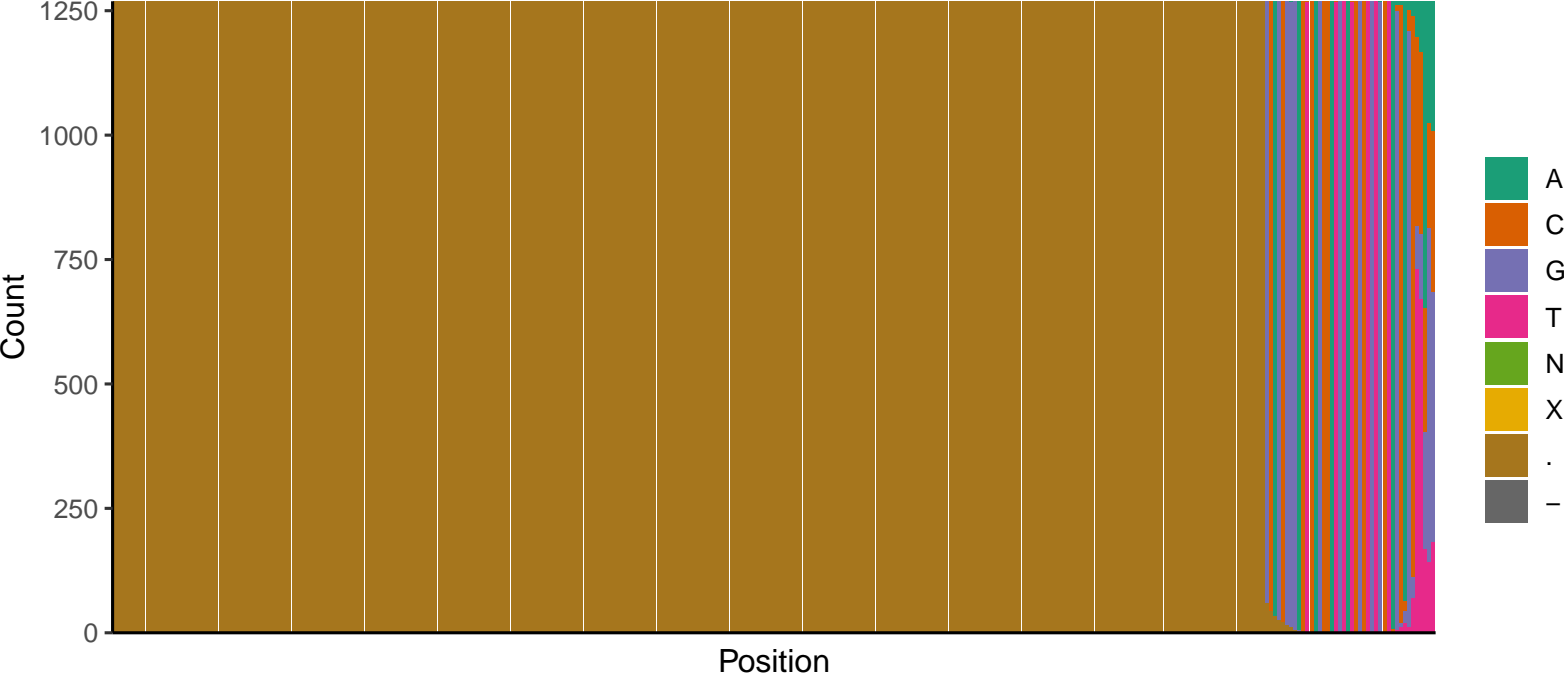
Gene TRBV7-7*ap01_C315T



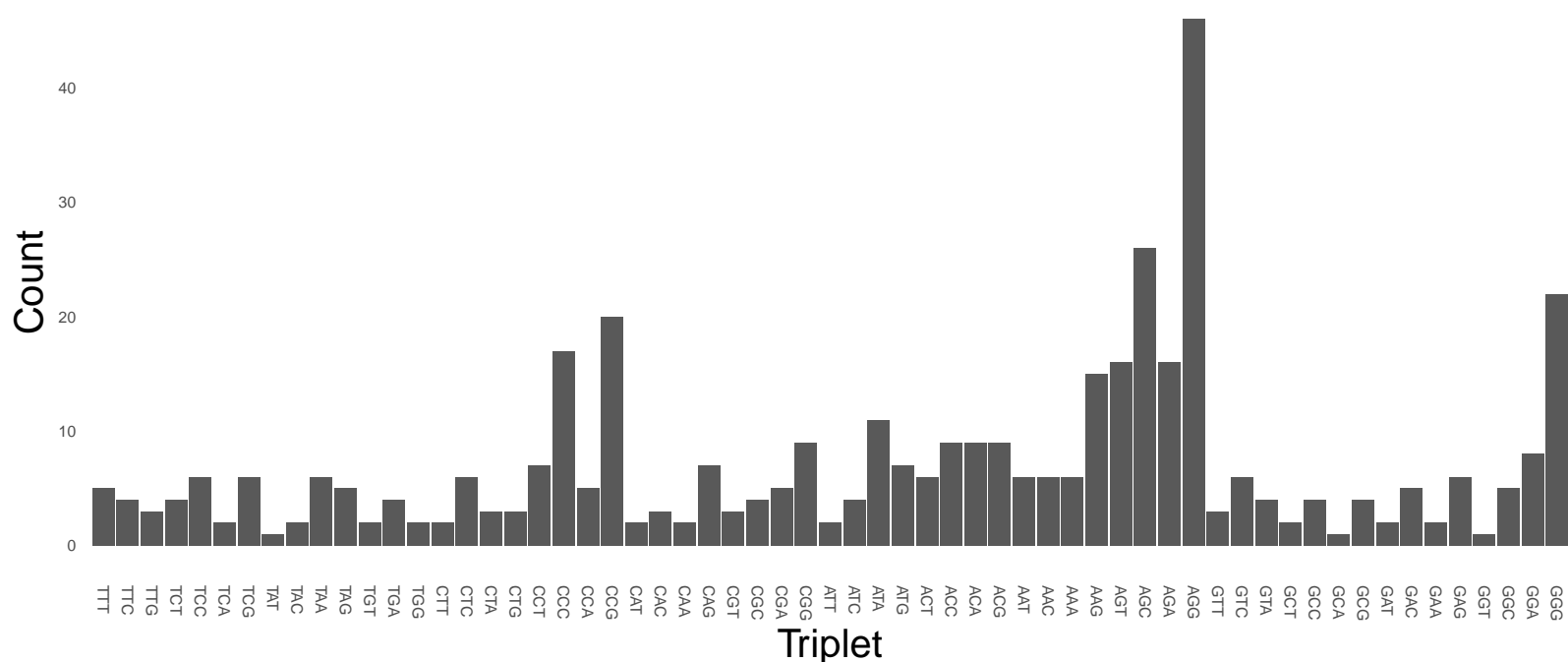
Gene TRBV7-1*ap01_G291C_T296C



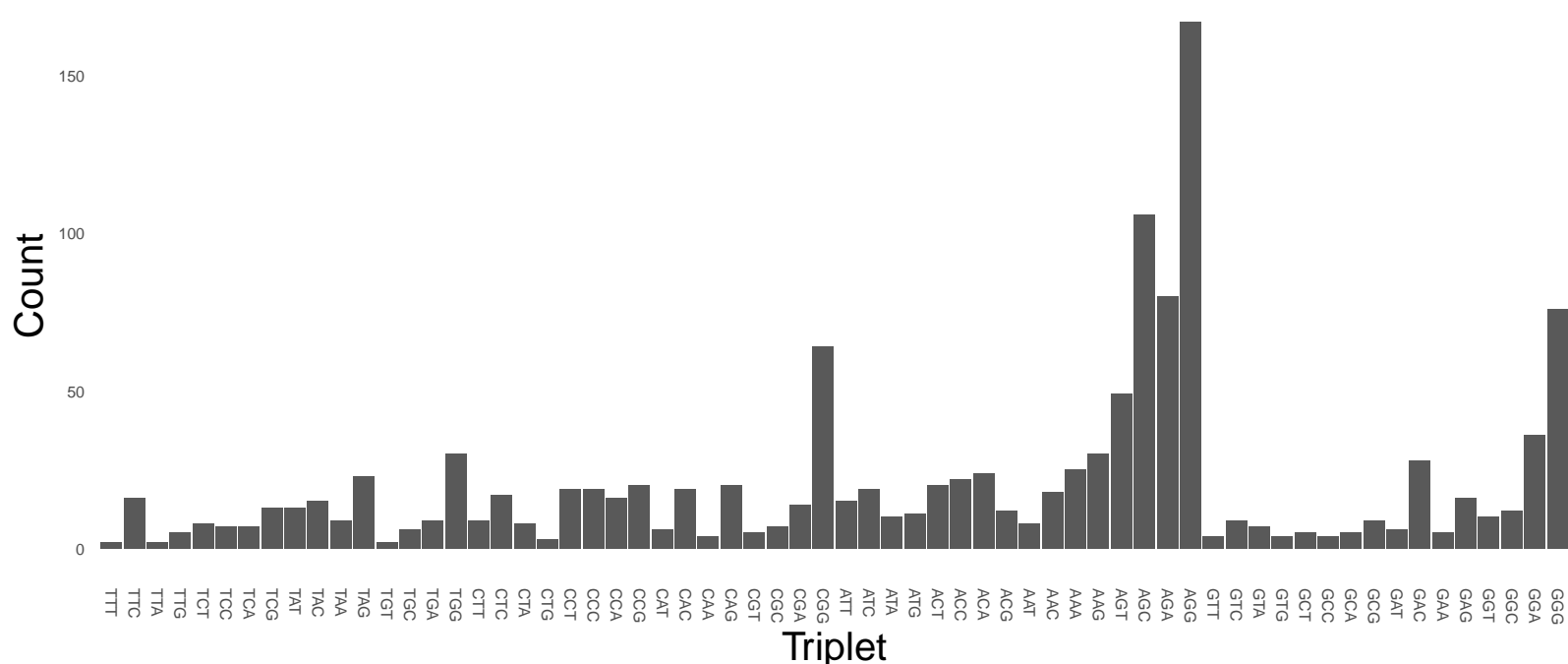
Gene TRBV7-7*ap01_C315T



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

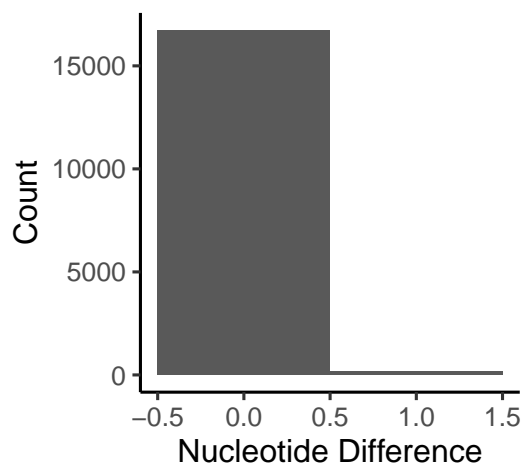


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



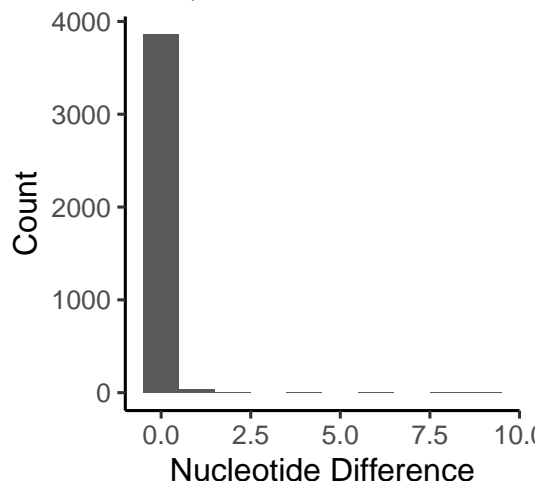
TRBV20-1*ap01

16897 sequences assigned
16733 (99%) exact matches, in which:
16483 unique CDR3
13 unique J



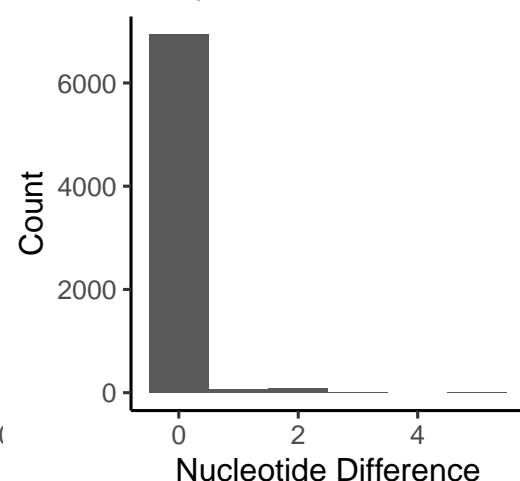
TRBV10-2*ap01

3900 sequences assigned
3860 (99%) exact matches, in which:
3791 unique CDR3
13 unique J



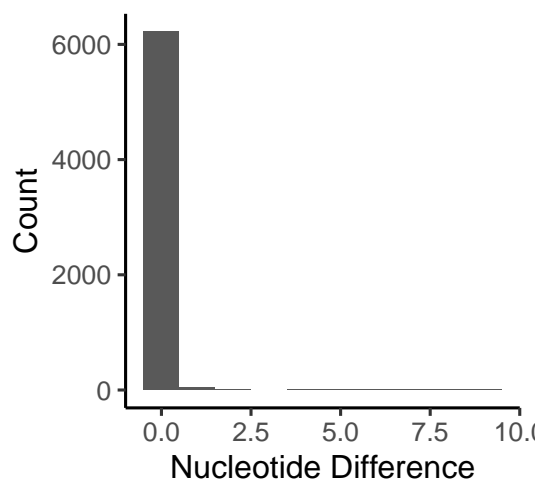
TRBV13*ap01

7101 sequences assigned
6941 (97.7%) exact matches, in which:
6766 unique CDR3
13 unique J



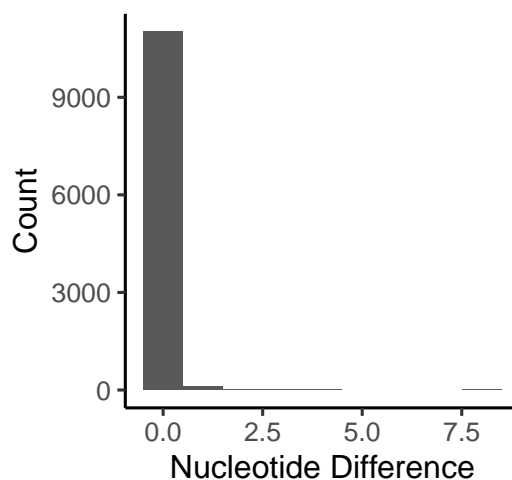
TRBV10-1*ap01

6276 sequences assigned
6220 (99.1%) exact matches, in which:
6080 unique CDR3
13 unique J



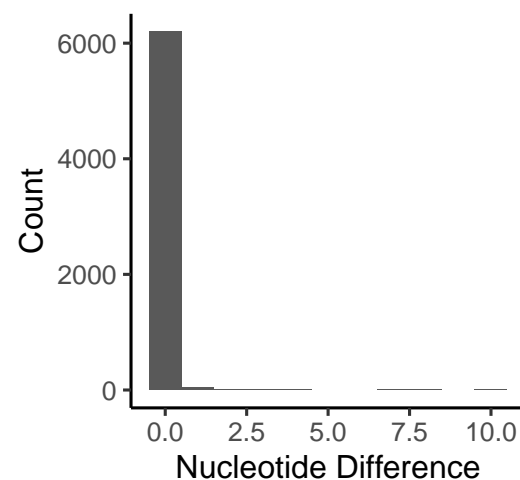
TRBV10-3*ap01

11120 sequences assigned
11016 (99.1%) exact matches, in which:
10824 unique CDR3
13 unique J



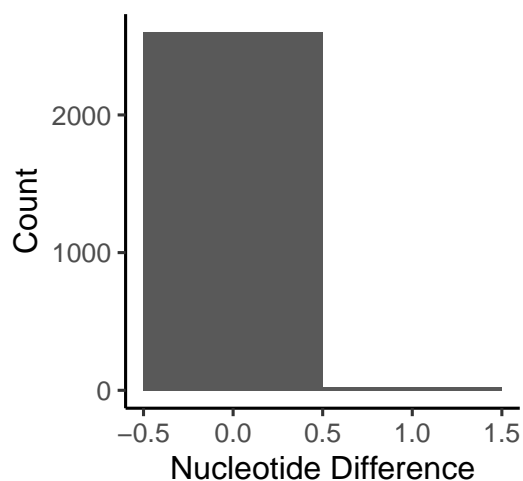
TRBV14*ap01

6248 sequences assigned
6198 (99.2%) exact matches, in which:
6085 unique CDR3
13 unique J



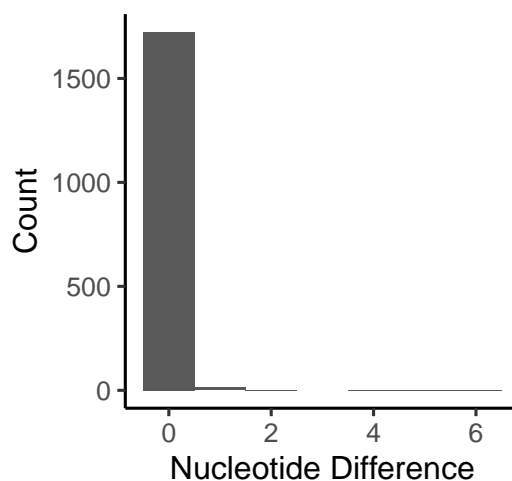
TRBV20-1*ap02

2625 sequences assigned
2602 (99.1%) exact matches, in which:
2564 unique CDR3
13 unique J



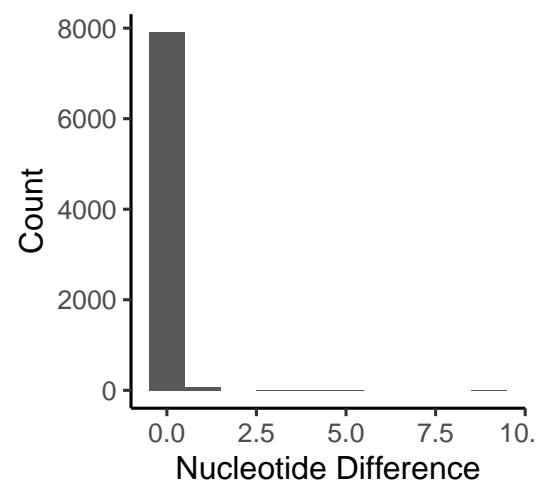
TRBV1*ap01

1742 sequences assigned
1723 (98.9%) exact matches, in which:
1683 unique CDR3
13 unique J



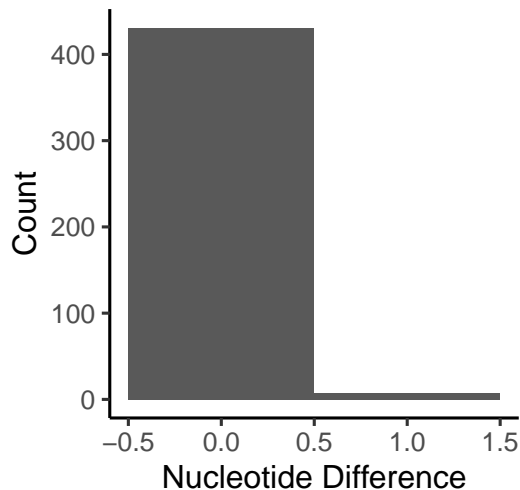
TRBV15*ap02

7993 sequences assigned
7914 (99%) exact matches, in which:
7752 unique CDR3
13 unique J



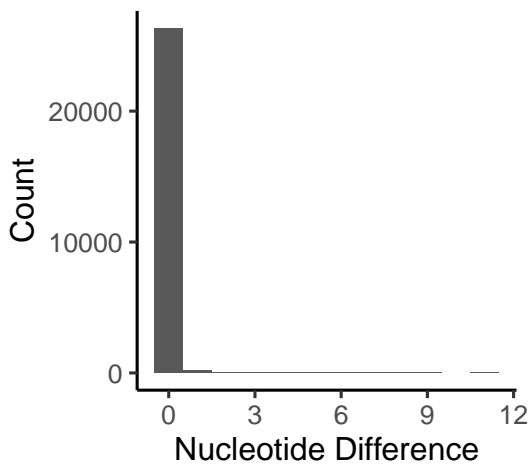
TRBV16*ap01

438 sequences assigned
431 (98.4%) exact matches, in which:
426 unique CDR3
13 unique J



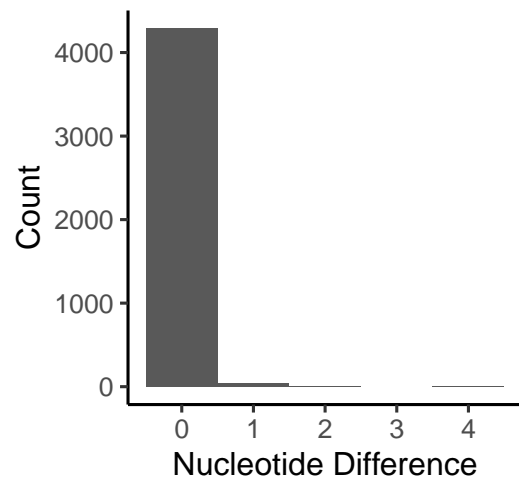
TRBV19*ap01

26589 sequences assigned
26337 (99.1%) exact matches, in which:
26073 unique CDR3
13 unique J



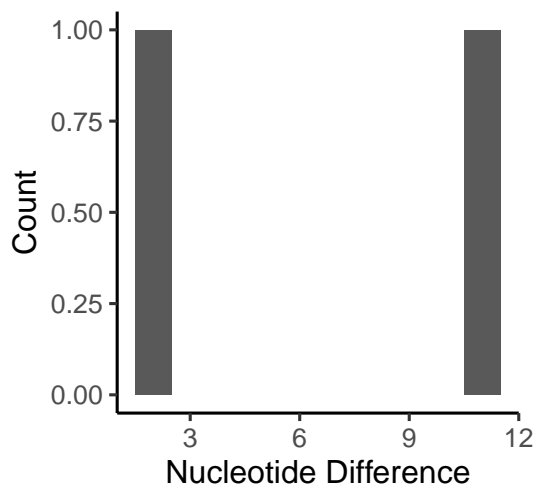
TRBV28*ap01

4335 sequences assigned
4289 (98.9%) exact matches, in which:
4218 unique CDR3
13 unique J



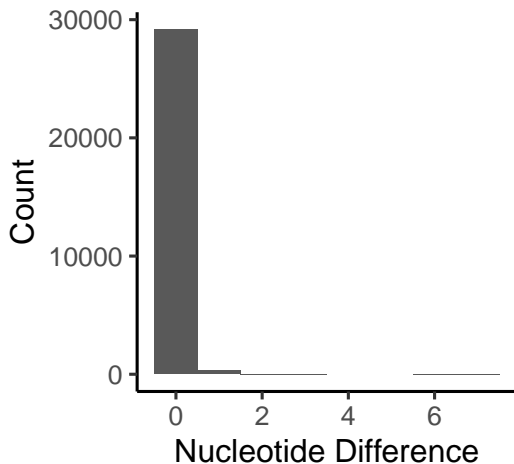
TRBV17*ap01

2 sequences assigned
No exact matches.



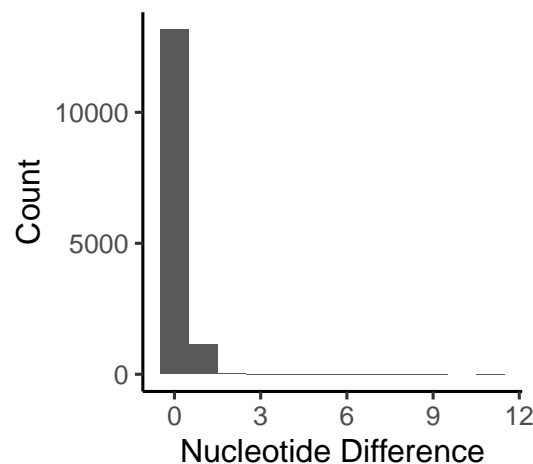
TRBV2*ap01

29500 sequences assigned
29170 (98.9%) exact matches, in which:
28527 unique CDR3
13 unique J



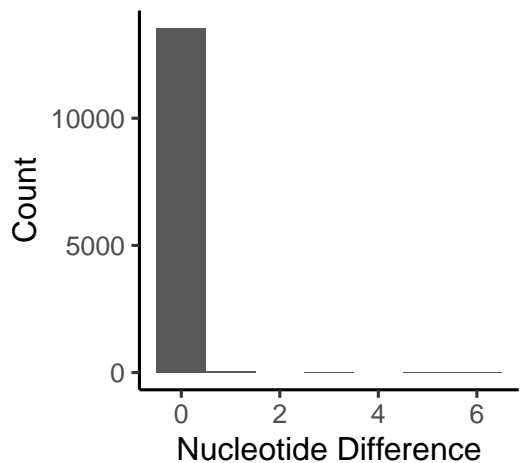
TRBV30*ap01

14348 sequences assigned
13163 (91.7%) exact matches, in which:
12942 unique CDR3
13 unique J



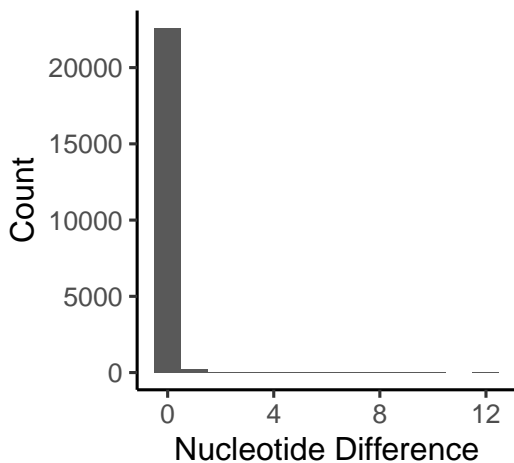
TRBV18*ap01

13627 sequences assigned
13556 (99.5%) exact matches, in which:
13384 unique CDR3
13 unique J



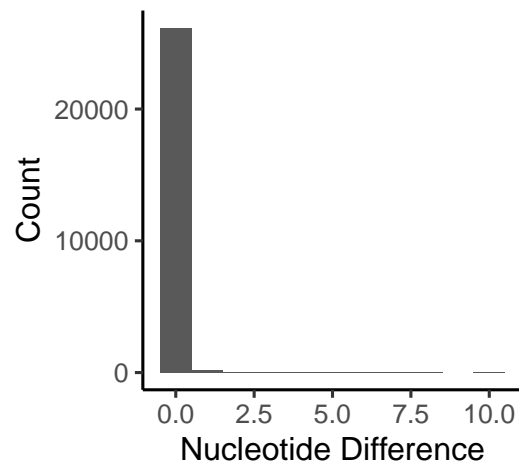
TRBV27*ap01

22885 sequences assigned
22611 (98.8%) exact matches, in which:
22079 unique CDR3
13 unique J



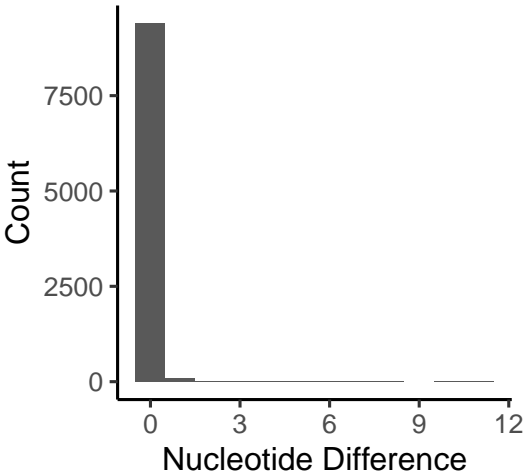
TRBV9*ap01

26366 sequences assigned
26166 (99.2%) exact matches, in which:
25717 unique CDR3
13 unique J



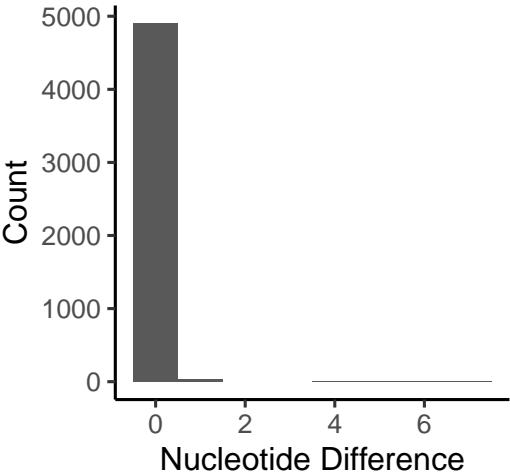
TRBV21-1*ap01

9531 sequences assigned
9394 (98.6%) exact matches, in which:
9242 unique CDR3
13 unique J



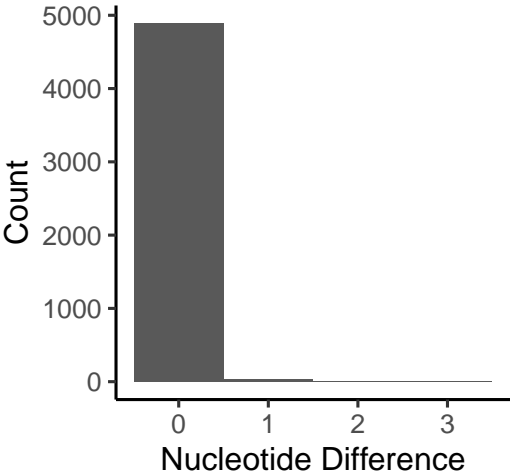
TRBV11-3*ap01

4948 sequences assigned
4902 (99.1%) exact matches, in which:
4830 unique CDR3
13 unique J



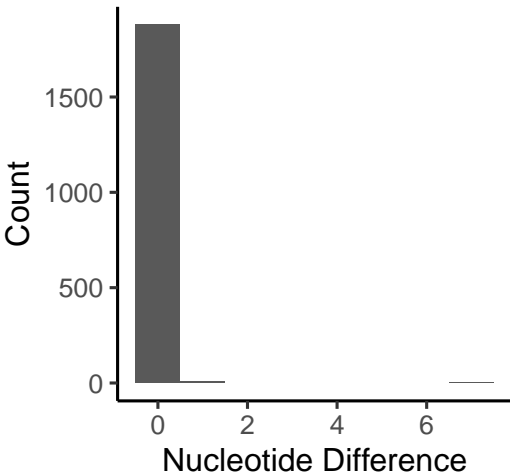
TRBV12-5*ap01

4922 sequences assigned
4889 (99.3%) exact matches, in which:
4786 unique CDR3
13 unique J



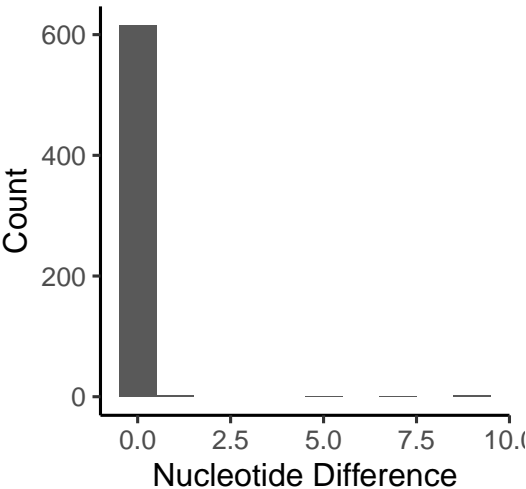
TRBV11-1*ap01

1886 sequences assigned
1879 (99.6%) exact matches, in which:
1852 unique CDR3
13 unique J



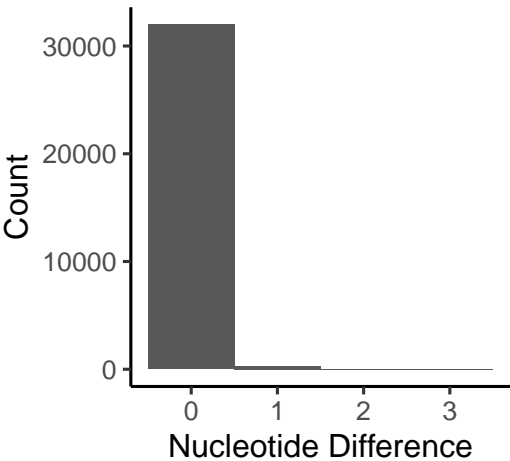
TRBV12-1*ap01

623 sequences assigned
616 (98.9%) exact matches, in which:
607 unique CDR3
13 unique J



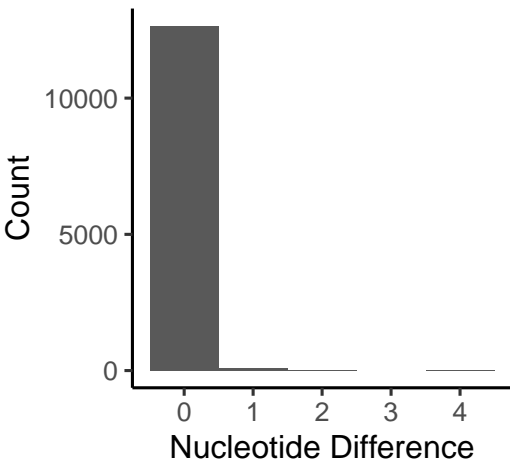
TRBV12-34*ap01

32305 sequences assigned
31999 (99.1%) exact matches, in which:
31409 unique CDR3
13 unique J



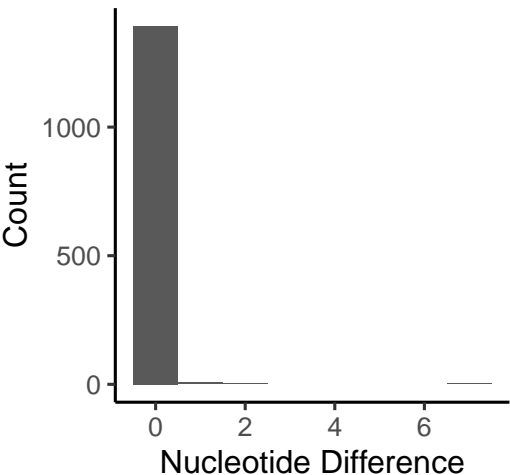
TRBV11-2*ap01

12747 sequences assigned
12655 (99.3%) exact matches, in which:
12454 unique CDR3
13 unique J



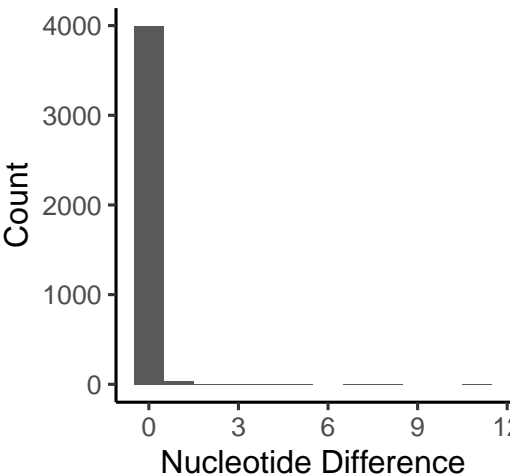
TRBV12-2*ap01

1406 sequences assigned
1393 (99.1%) exact matches, in which:
1368 unique CDR3
13 unique J



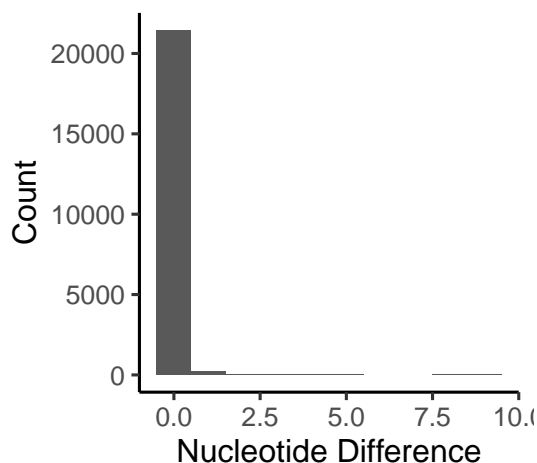
TRBV23-1*ap01

4047 sequences assigned
3995 (98.7%) exact matches, in which:
3938 unique CDR3
13 unique J



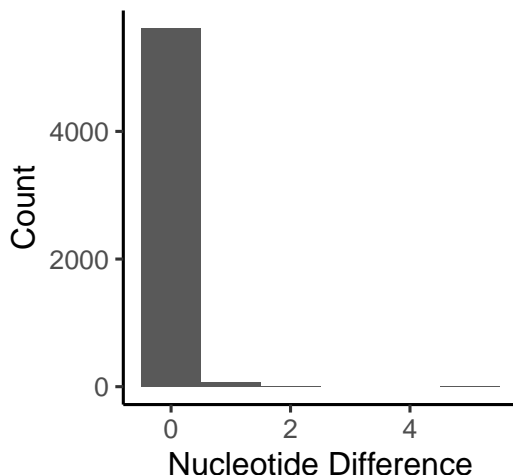
TRBV3–12*ap01

21710 sequences assigned
21452 (98.8%) exact matches, in which:
21012 unique CDR3
13 unique J



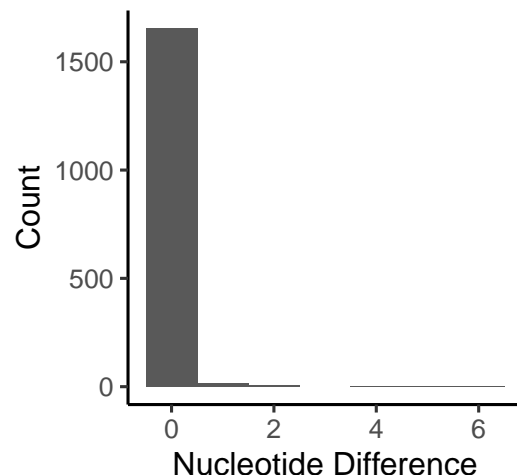
TRBV4–2*ap01

5686 sequences assigned
5614 (98.7%) exact matches, in which:
5496 unique CDR3
13 unique J



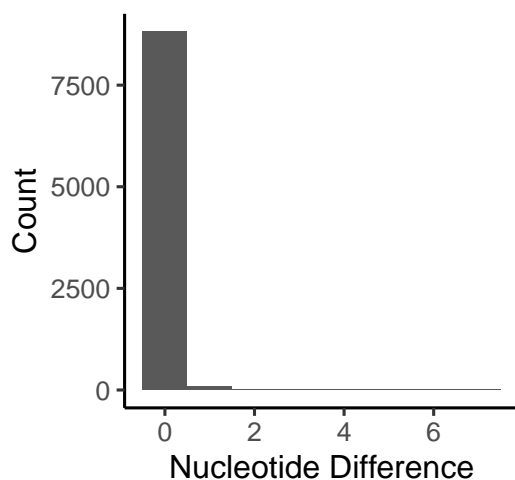
TRBV5–3*ap01

1681 sequences assigned
1654 (98.4%) exact matches, in which:
1639 unique CDR3
13 unique J



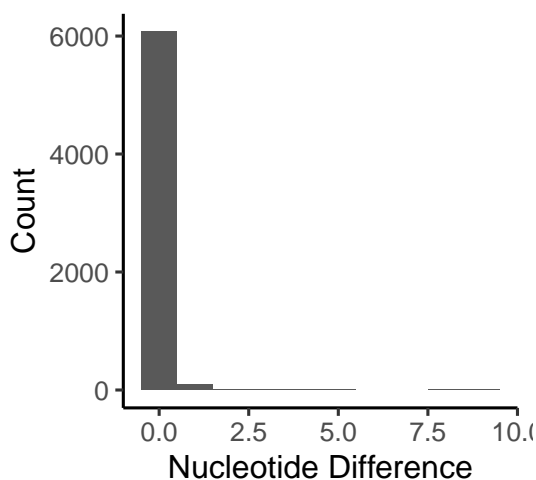
TRBV24–1*ap01

8929 sequences assigned
8814 (98.7%) exact matches, in which:
8652 unique CDR3
13 unique J



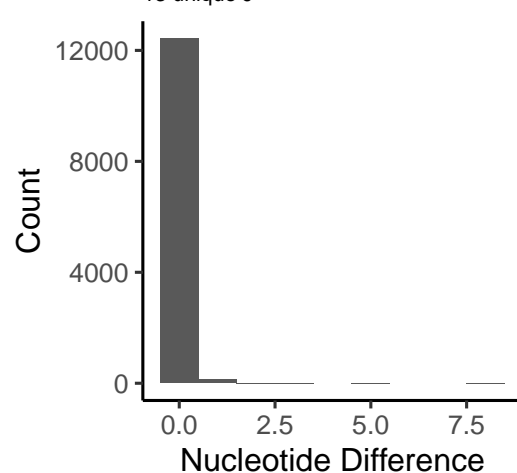
TRBV25–1*ap01

6183 sequences assigned
6073 (98.2%) exact matches, in which:
5936 unique CDR3
13 unique J



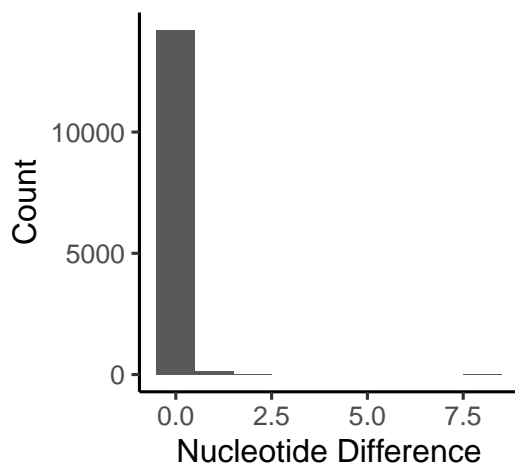
TRBV5–4*ap01

12570 sequences assigned
12430 (98.9%) exact matches, in which:
12140 unique CDR3
13 unique J



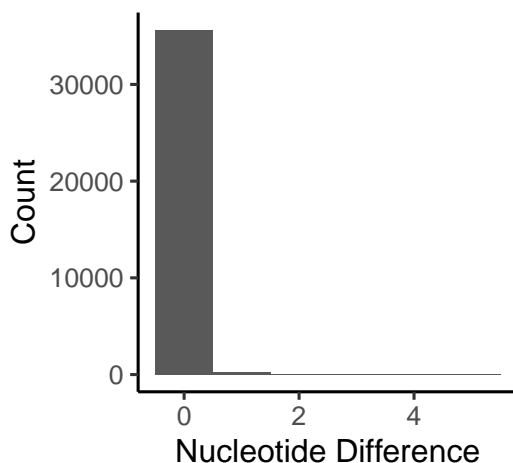
TRBV4–1*ap01

14385 sequences assigned
14217 (98.8%) exact matches, in which:
13871 unique CDR3
13 unique J



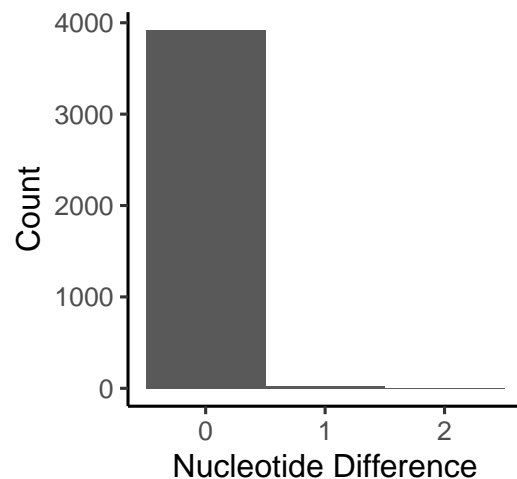
TRBV5–1*ap01

35953 sequences assigned
35649 (99.2%) exact matches, in which:
34792 unique CDR3
14 unique J



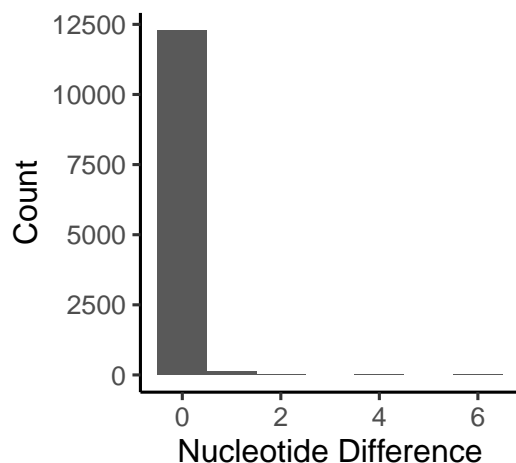
TRBV5–5*ap01

3945 sequences assigned
3920 (99.4%) exact matches, in which:
3888 unique CDR3
14 unique J



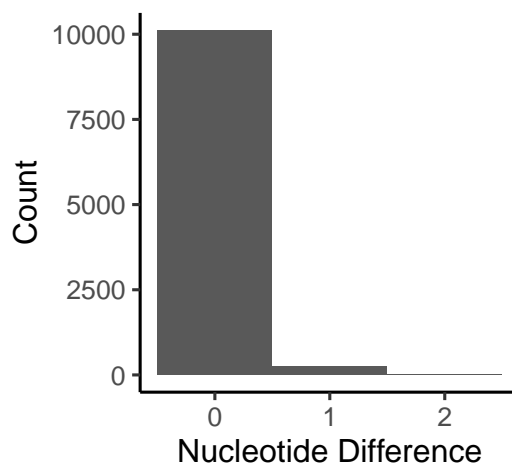
TRBV5-6*ap01

12414 sequences assigned
12294 (99%) exact matches, in which:
11971 unique CDR3
13 unique J



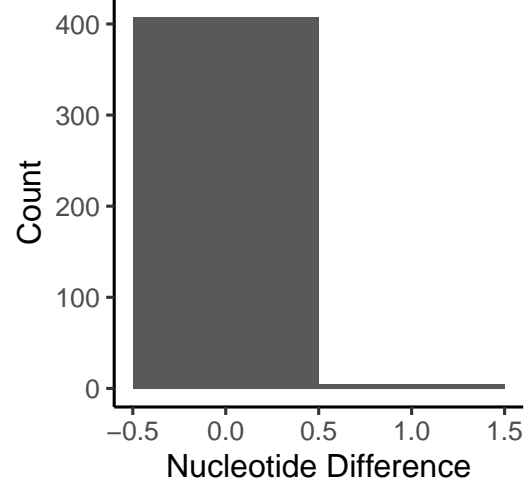
TRBV6-1*ap01

10373 sequences assigned
10120 (97.6%) exact matches, in which:
9895 unique CDR3
13 unique J



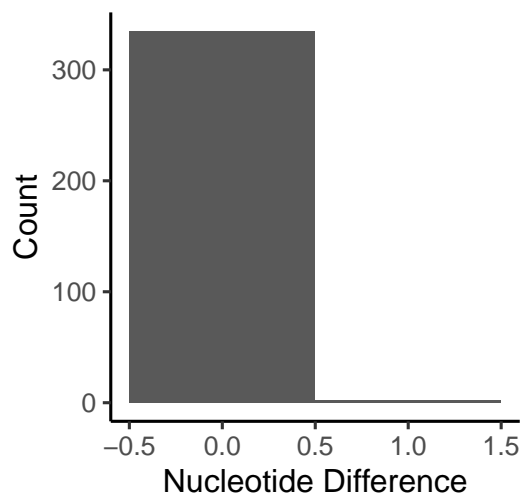
TRBV6-8*ap01

413 sequences assigned
408 (98.8%) exact matches, in which:
398 unique CDR3
13 unique J



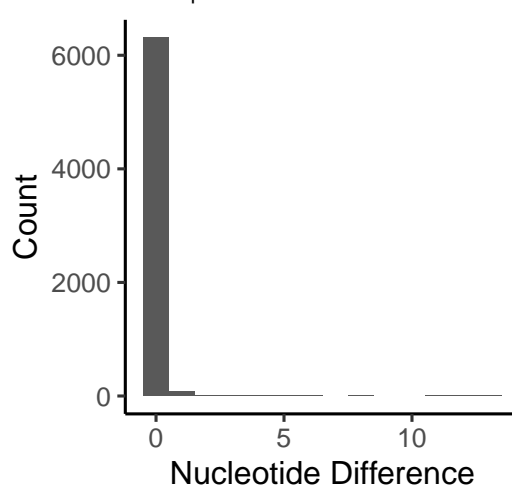
TRBV5-7*ap01

337 sequences assigned
335 (99.4%) exact matches, in which:
328 unique CDR3
13 unique J



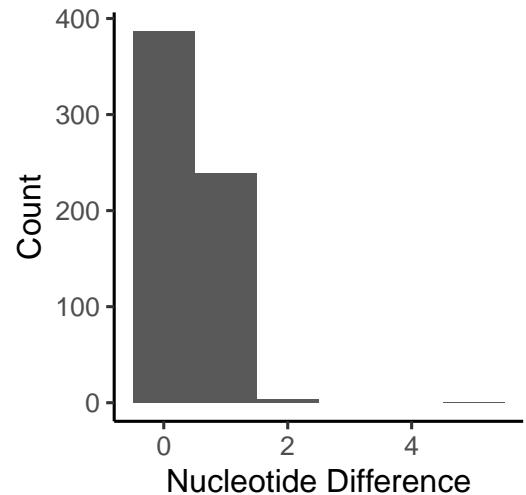
TRBV6-4*ap01

6416 sequences assigned
6309 (98.3%) exact matches, in which:
6227 unique CDR3
13 unique J



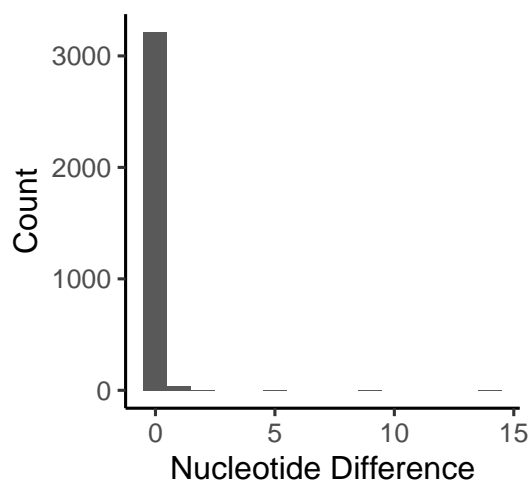
TRBV6-9*ap01

631 sequences assigned
387 (61.3%) exact matches, in which:
379 unique CDR3
12 unique J



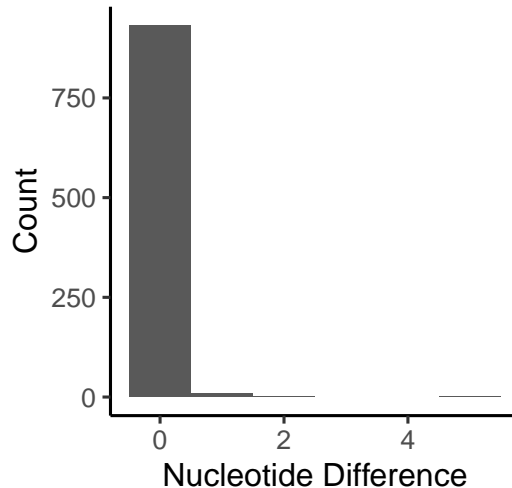
TRBV5-8*ap01

3263 sequences assigned
3214 (98.5%) exact matches, in which:
3163 unique CDR3
13 unique J



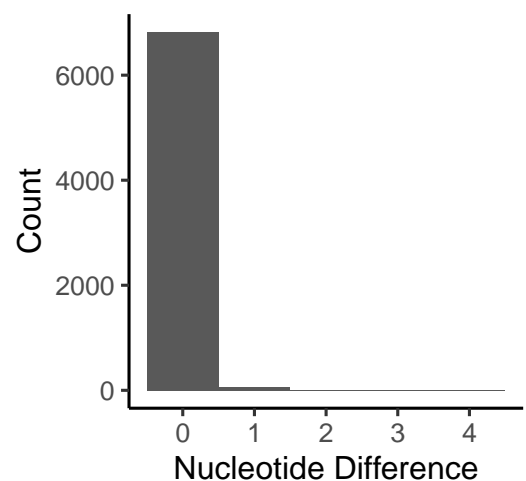
TRBV6-7*ap01

944 sequences assigned
932 (98.7%) exact matches, in which:
908 unique CDR3
13 unique J



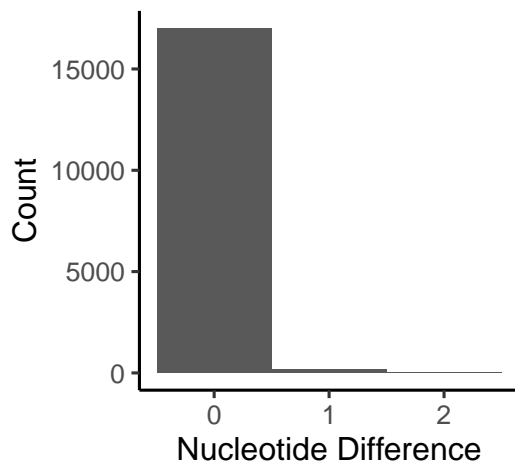
TRBV6-23*ap01

6884 sequences assigned
6821 (99.1%) exact matches, in which:
6643 unique CDR3
13 unique J



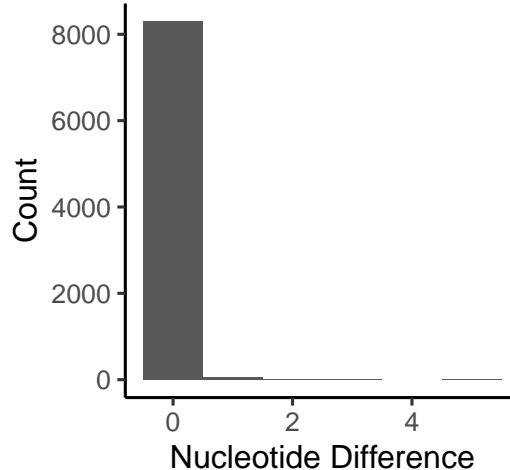
TRBV6-56*ap01

17211 sequences assigned
17014 (98.9%) exact matches, in which:
16603 unique CDR3
13 unique J



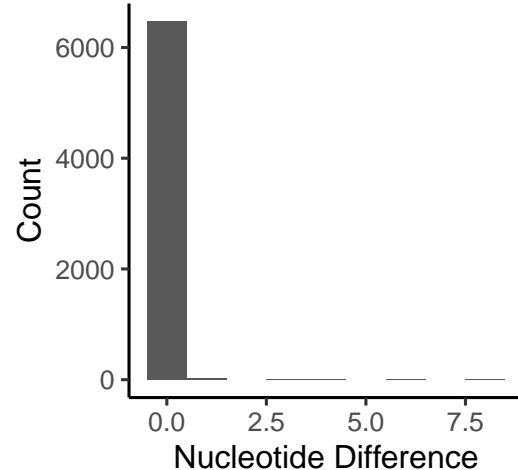
TRBV7-2*ap01

8348 sequences assigned
8298 (99.4%) exact matches, in which:
8161 unique CDR3
13 unique J



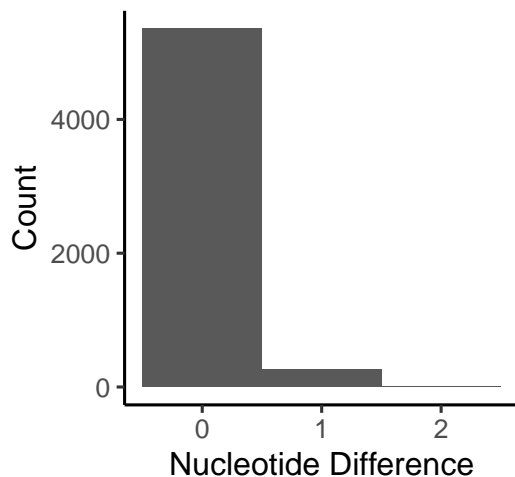
TRBV7-6*ap01

6508 sequences assigned
6471 (99.4%) exact matches, in which:
6337 unique CDR3
13 unique J



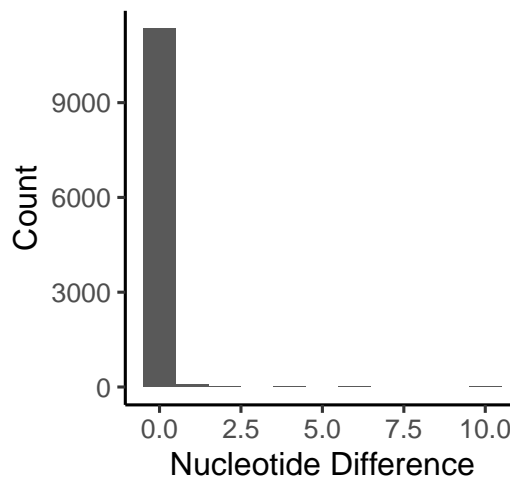
TRBV6-56*ap02

5622 sequences assigned
5356 (95.3%) exact matches, in which:
5221 unique CDR3
13 unique J



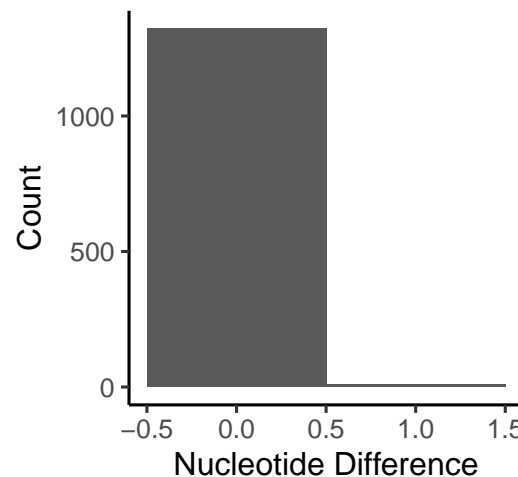
TRBV7-3*ap01

11424 sequences assigned
11340 (99.3%) exact matches, in which:
11194 unique CDR3
13 unique J



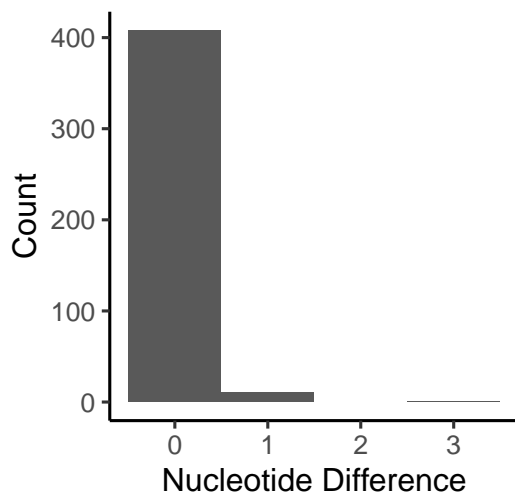
TRBV7-7*ap01

1333 sequences assigned
1322 (99.2%) exact matches, in which:
1293 unique CDR3
13 unique J



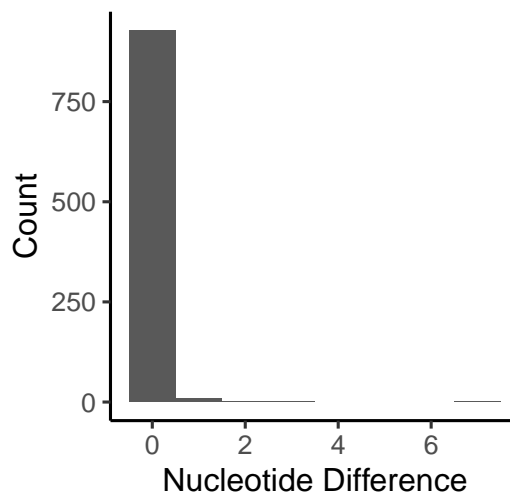
TRBV7-1*ap01_G291C_

419 sequences assigned
408 (97.4%) exact matches, in which:
403 unique CDR3
13 unique J



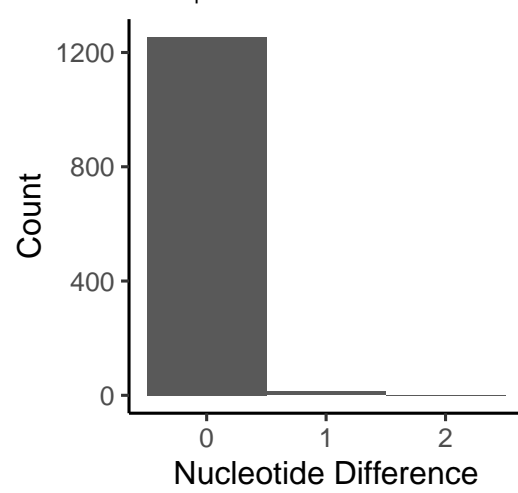
TRBV7-4*ap01

941 sequences assigned
928 (98.6%) exact matches, in which:
916 unique CDR3
13 unique J



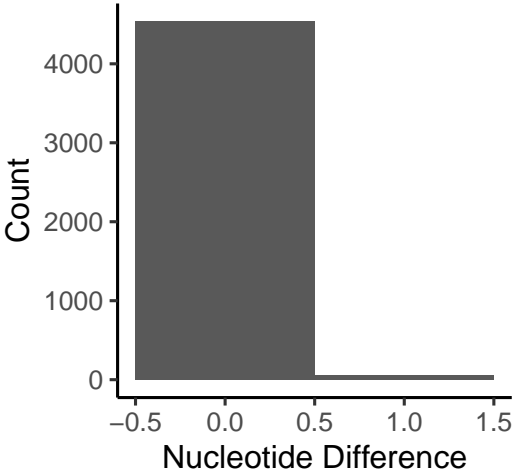
TRBV7-7*ap01_C315T

1269 sequences assigned
1254 (98.8%) exact matches, in which:
1235 unique CDR3
13 unique J



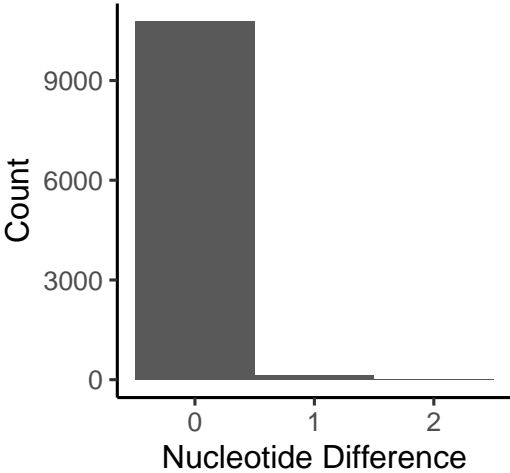
TRBV7-8*ap01

4589 sequences assigned
4537 (98.9%) exact matches, in which:
4437 unique CDR3
13 unique J



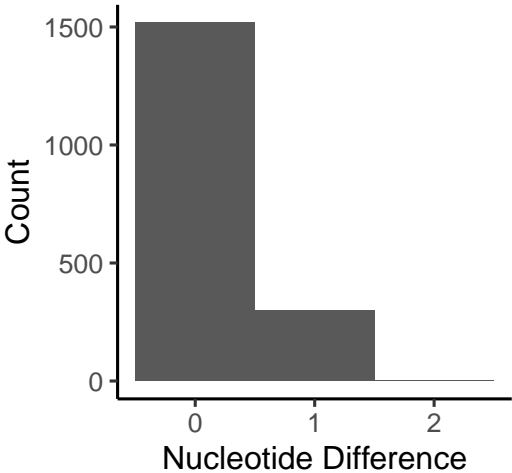
TRBV29-1*ap01

10922 sequences assigned
10779 (98.7%) exact matches, in which:
10543 unique CDR3
13 unique J



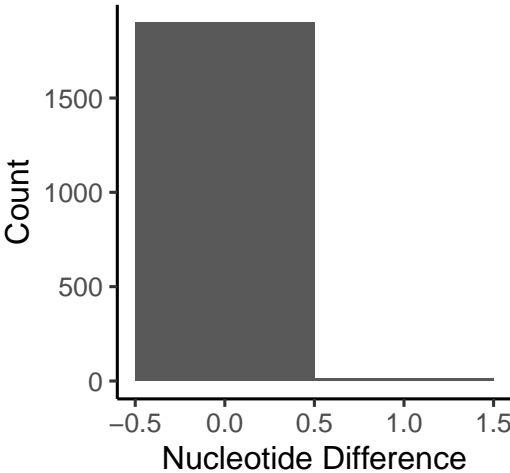
TRBV7-8*ap03

1818 sequences assigned
1518 (83.5%) exact matches, in which:
1489 unique CDR3
13 unique J



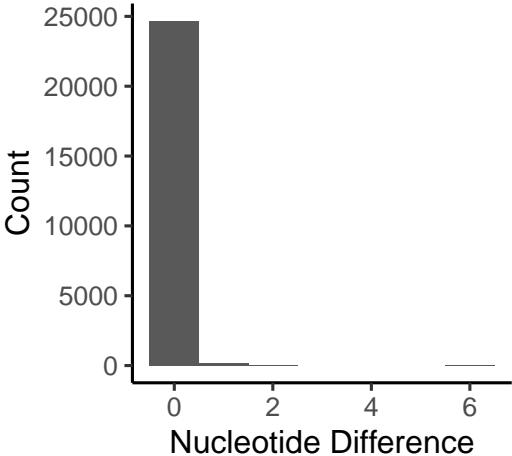
TRBV29-1*ap02

1914 sequences assigned
1899 (99.2%) exact matches, in which:
1865 unique CDR3
13 unique J

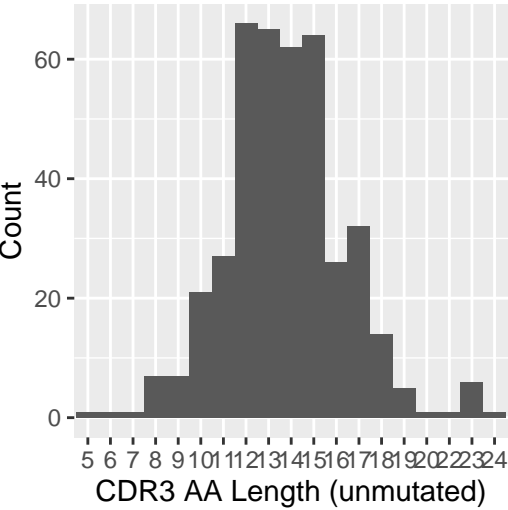


TRBV7-9*ap01

24833 sequences assigned
24683 (99.4%) exact matches, in which:
24340 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

