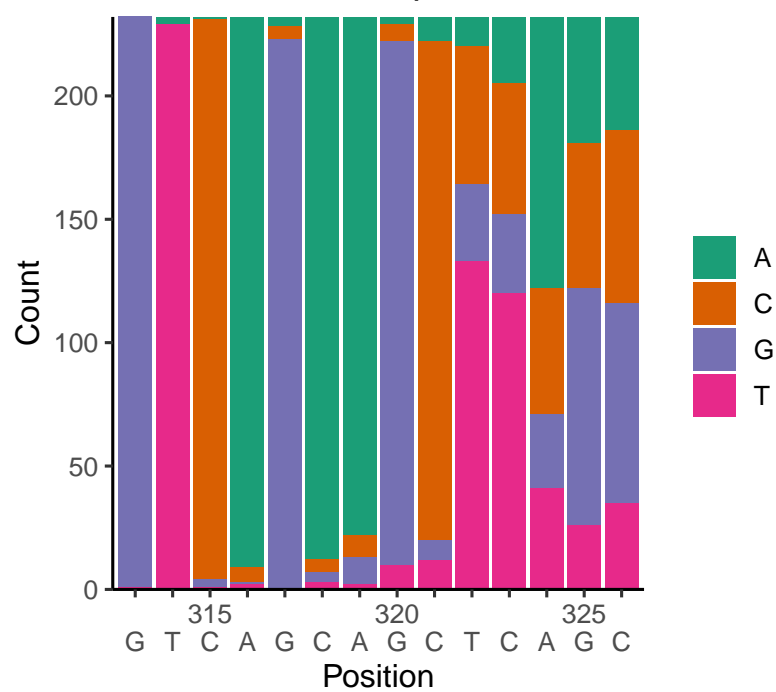
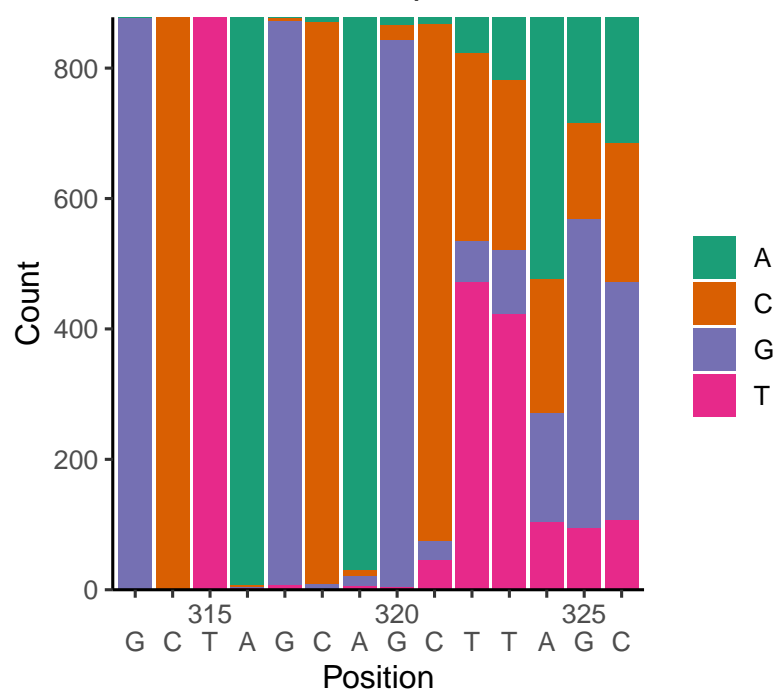


Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-7*ap01_C315T



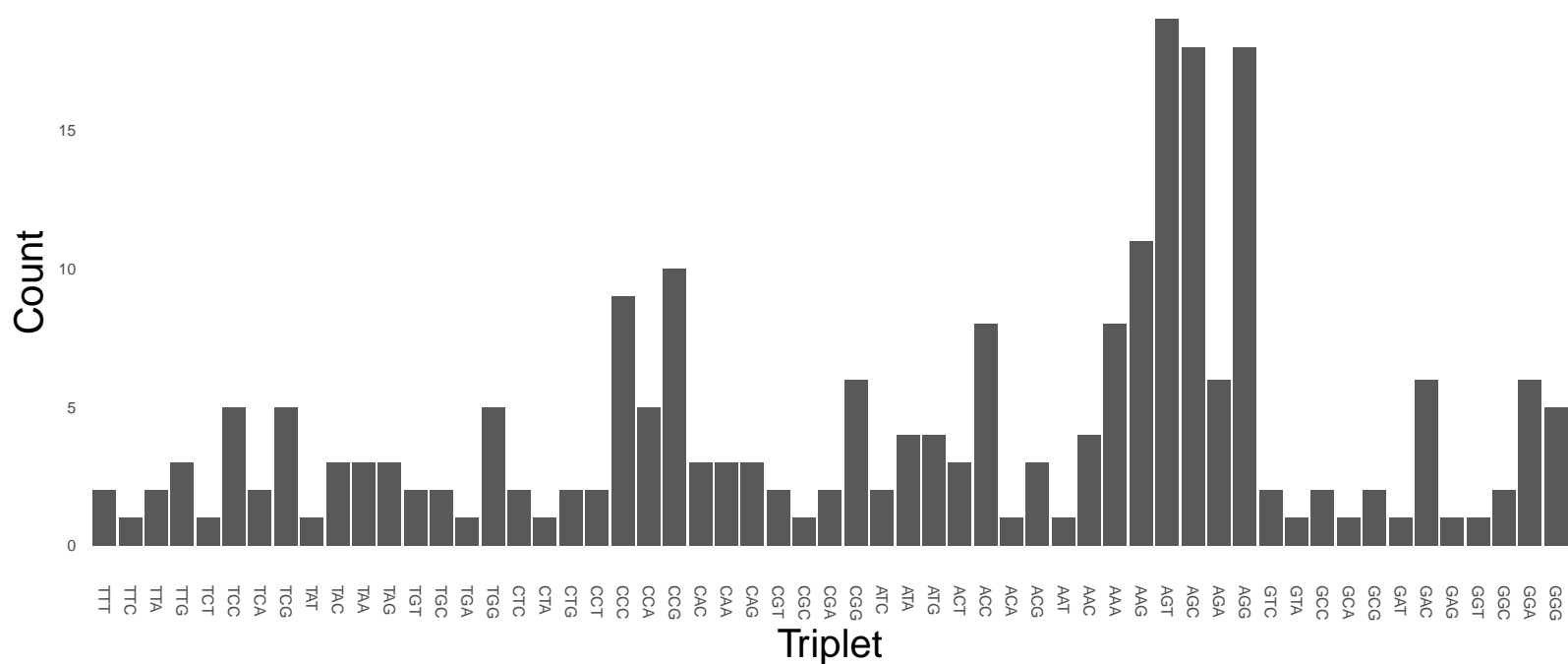
Gene TRBV7-1*ap01_G291C_T296C_C314T



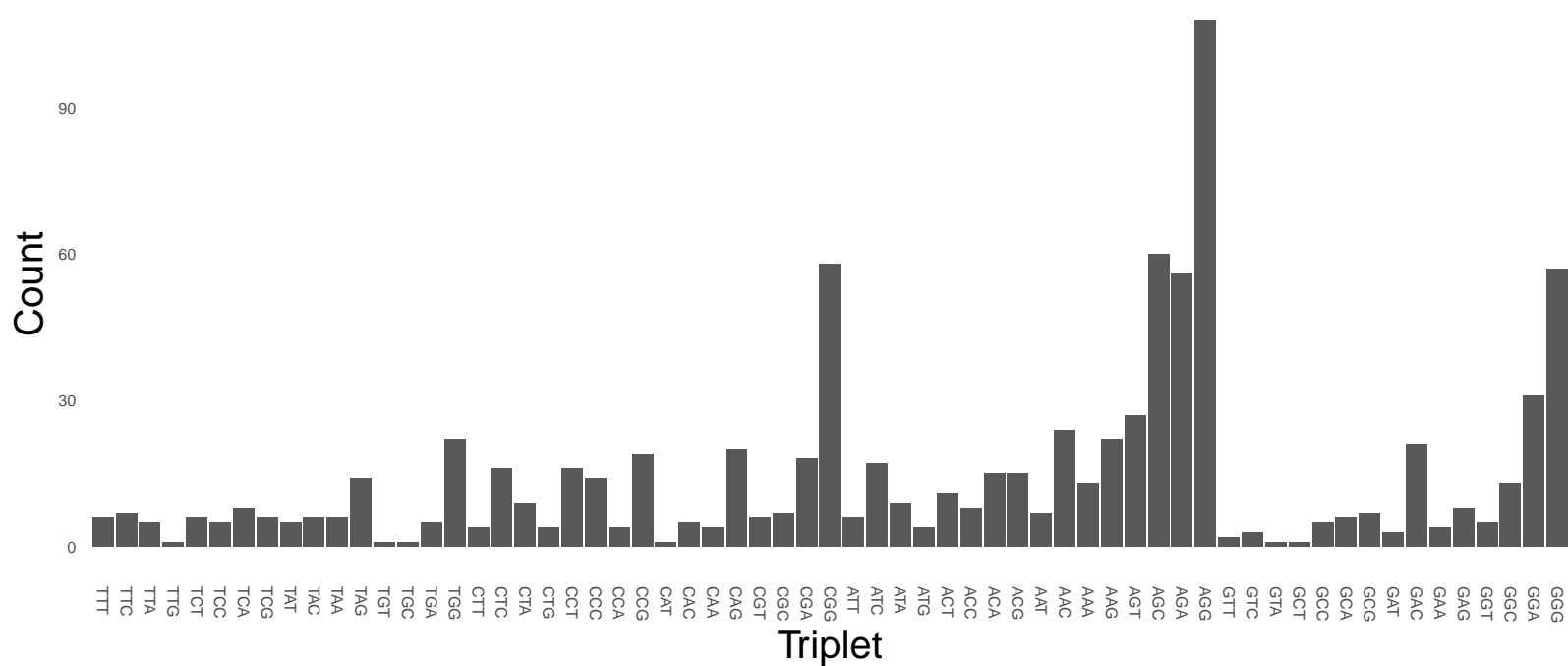
Gene TRBV7-7*ap01_C315T



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

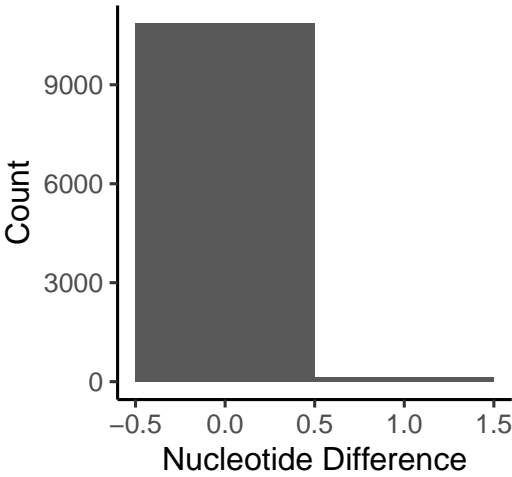


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



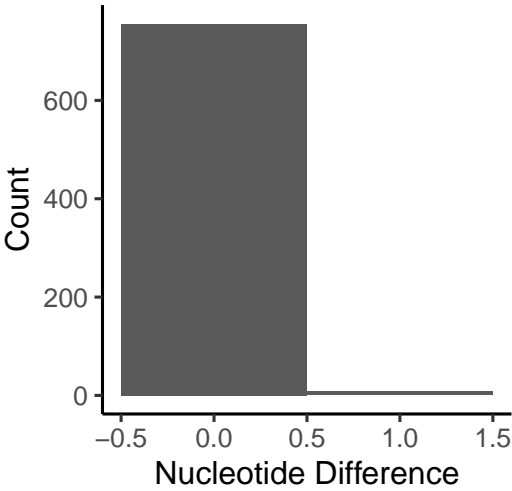
TRBV20–1*ap01

10983 sequences assigned
10859 (98.9%) exact matches, in which:
10745 unique CDR3
14 unique J



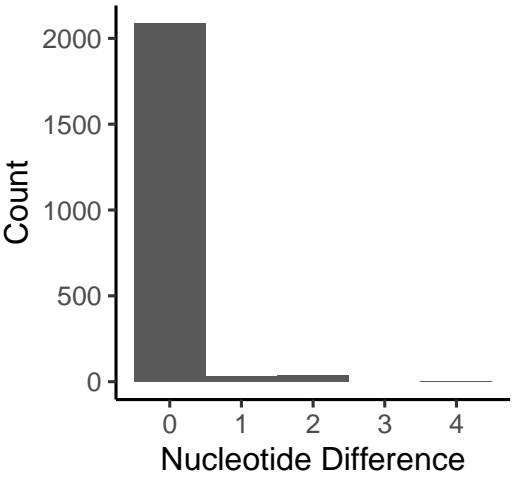
TRBV10–2*ap01

764 sequences assigned
756 (99%) exact matches, in which:
746 unique CDR3
14 unique J



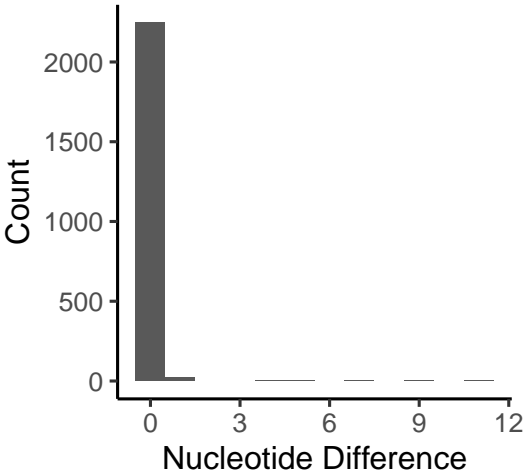
TRBV13*ap01

2156 sequences assigned
2087 (96.8%) exact matches, in which:
2048 unique CDR3
14 unique J



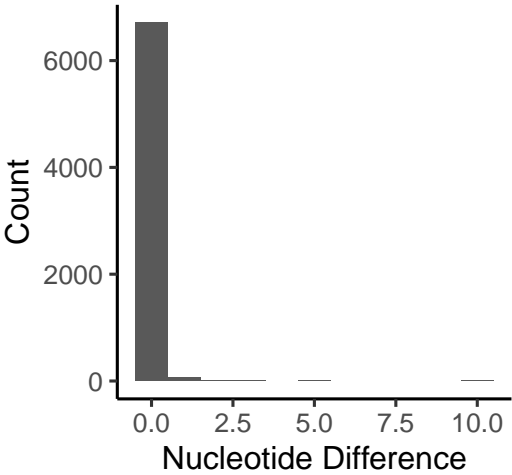
TRBV10–1*ap01

2272 sequences assigned
2246 (98.9%) exact matches, in which:
2190 unique CDR3
14 unique J



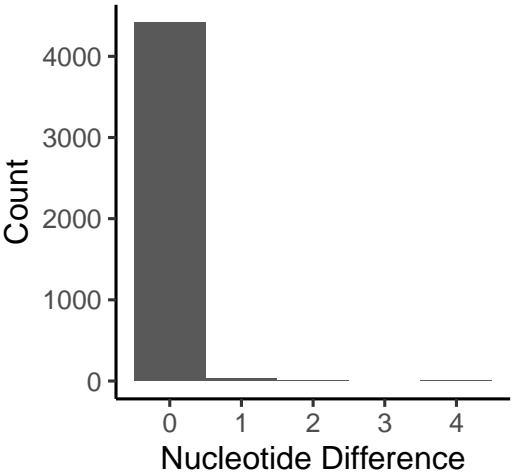
TRBV10–3*ap01

6780 sequences assigned
6709 (99%) exact matches, in which:
6631 unique CDR3
14 unique J



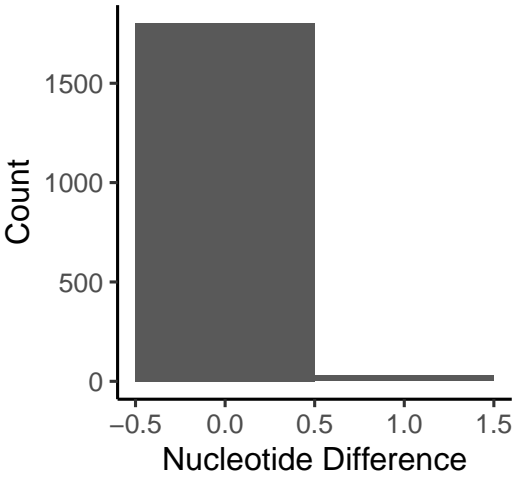
TRBV14*ap01

4450 sequences assigned
4414 (99.2%) exact matches, in which:
4366 unique CDR3
15 unique J



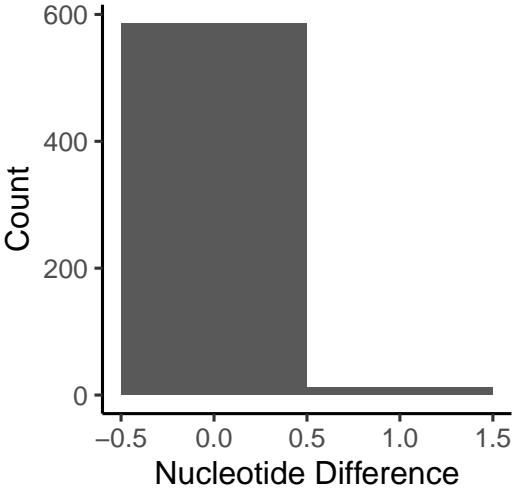
TRBV20–1*ap02

1832 sequences assigned
1803 (98.4%) exact matches, in which:
1787 unique CDR3
14 unique J



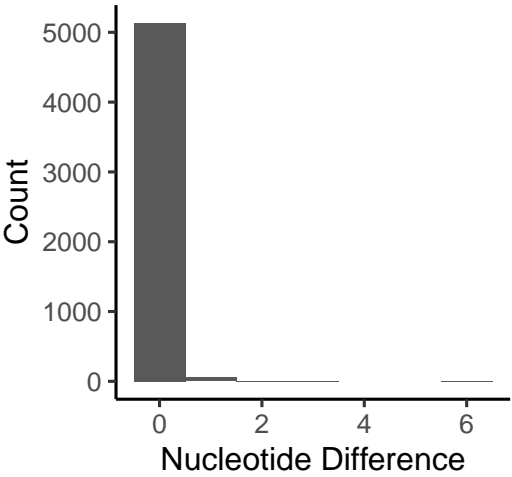
TRBV1*ap01

598 sequences assigned
586 (98%) exact matches, in which:
573 unique CDR3
14 unique J



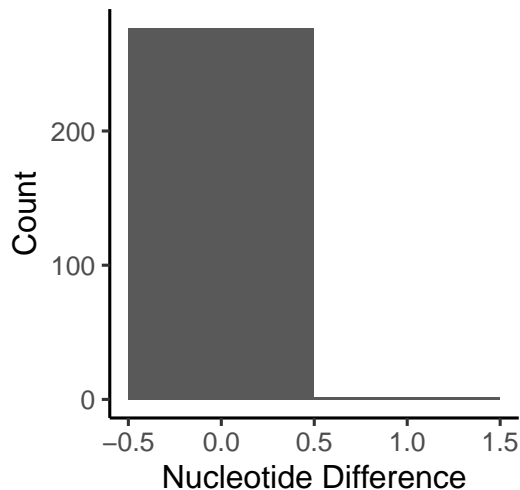
TRBV15*ap02

5191 sequences assigned
5133 (98.9%) exact matches, in which:
5069 unique CDR3
14 unique J



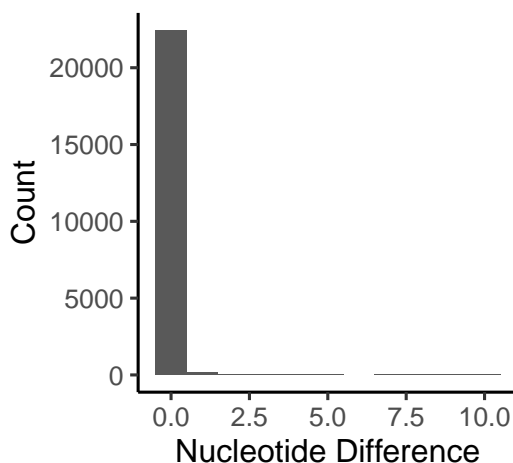
TRBV16*ap01

279 sequences assigned
277 (99.3%) exact matches, in which:
275 unique CDR3
14 unique J



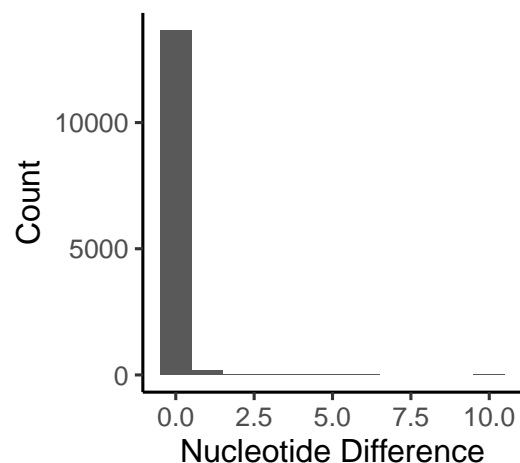
TRBV19*ap01

22645 sequences assigned
22447 (99.1%) exact matches, in which:
22300 unique CDR3
14 unique J



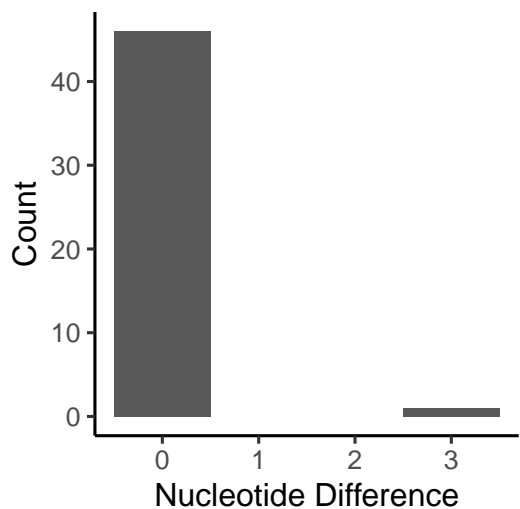
TRBV27*ap01

13862 sequences assigned
13663 (98.6%) exact matches, in which:
13449 unique CDR3
14 unique J



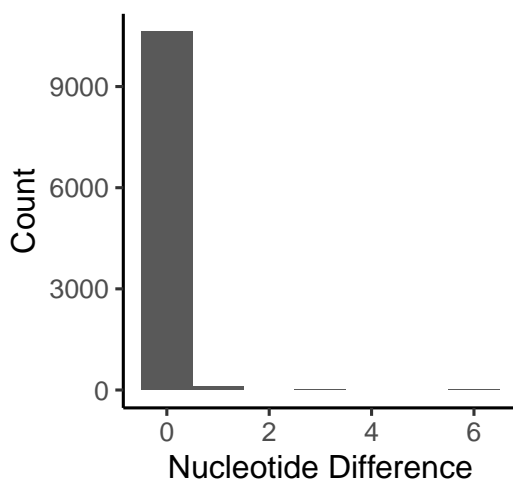
TRBV17*ap01

47 sequences assigned
46 (97.9%) exact matches, in which:
46 unique CDR3
13 unique J



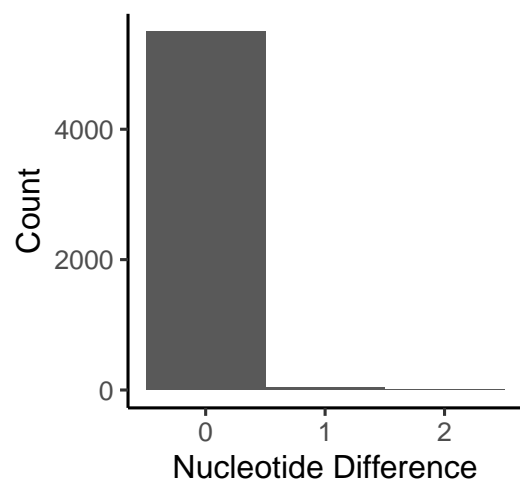
TRBV2*ap01

10731 sequences assigned
10626 (99%) exact matches, in which:
10474 unique CDR3
14 unique J



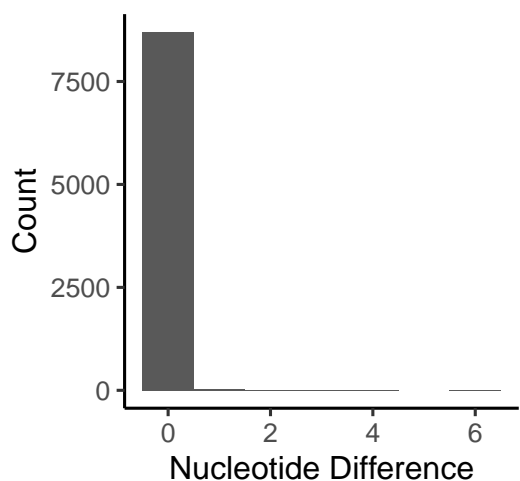
TRBV28*ap01

5541 sequences assigned
5496 (99.2%) exact matches, in which:
5435 unique CDR3
14 unique J



TRBV18*ap01

8745 sequences assigned
8701 (99.5%) exact matches, in which:
8631 unique CDR3
14 unique J



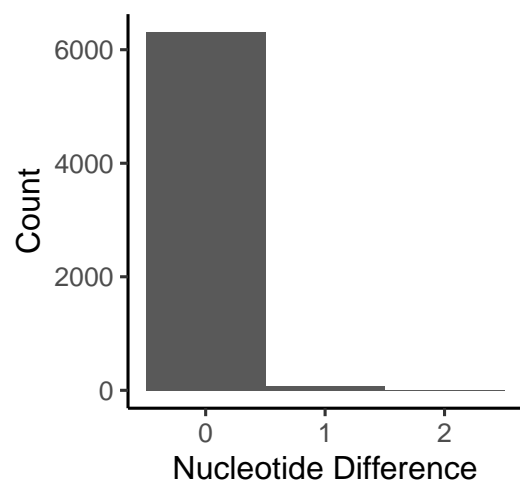
TRBV26*ap01

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



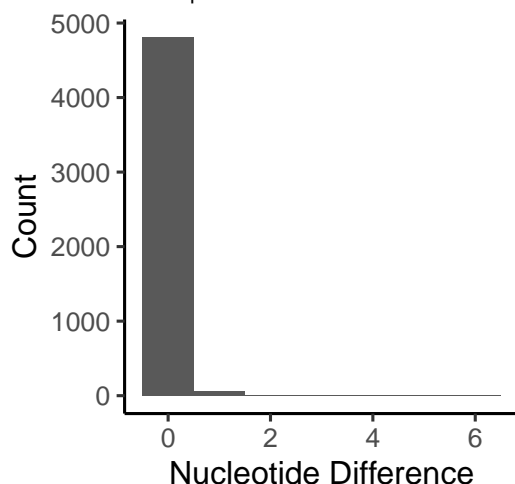
TRBV30*ap01

6389 sequences assigned
6311 (98.8%) exact matches, in which:
6243 unique CDR3
13 unique J



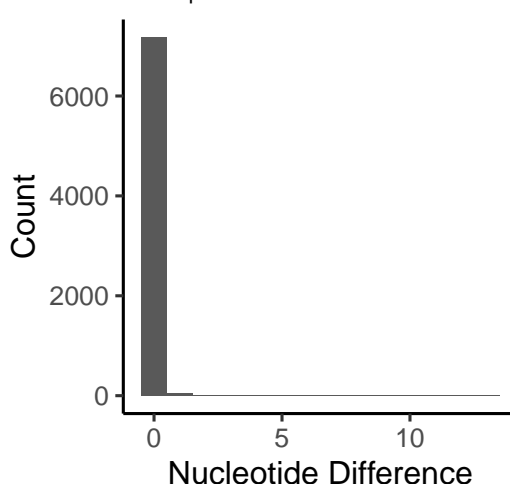
TRBV30*ap02

4870 sequences assigned
4807 (98.7%) exact matches, in which:
4784 unique CDR3
13 unique J



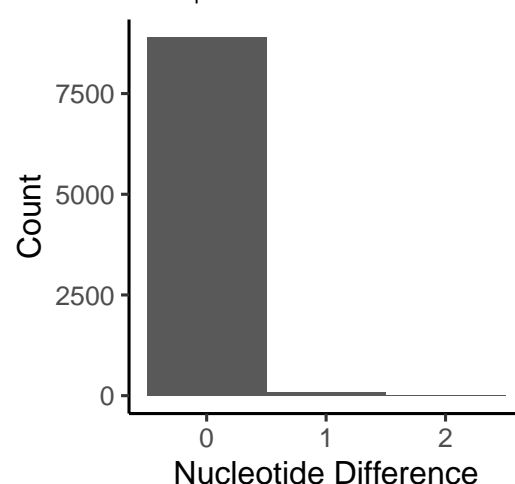
TRBV21-1*ap01

7290 sequences assigned
7173 (98.4%) exact matches, in which:
7062 unique CDR3
14 unique J



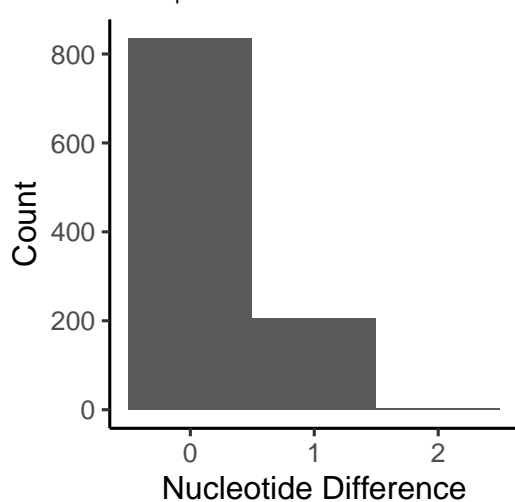
TRBV11-3*ap01

8983 sequences assigned
8894 (99%) exact matches, in which:
8779 unique CDR3
14 unique J



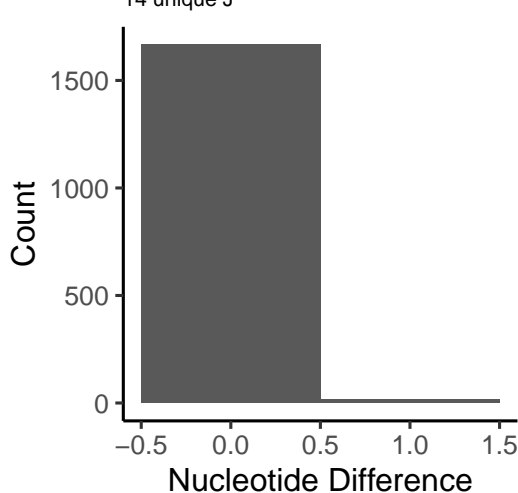
TRBV30*ap03

1045 sequences assigned
836 (80%) exact matches, in which:
829 unique CDR3
13 unique J



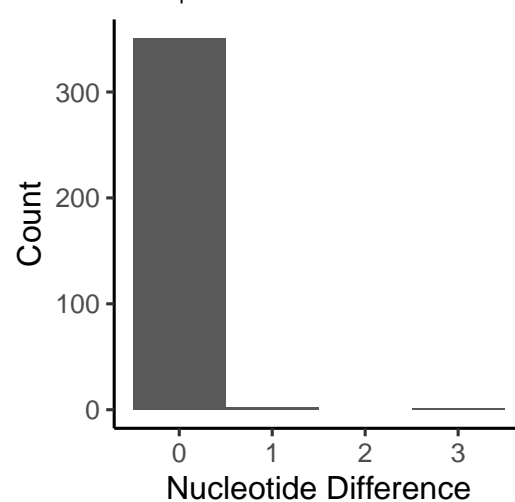
TRBV11-1*ap01

1680 sequences assigned
1666 (99.2%) exact matches, in which:
1638 unique CDR3
14 unique J



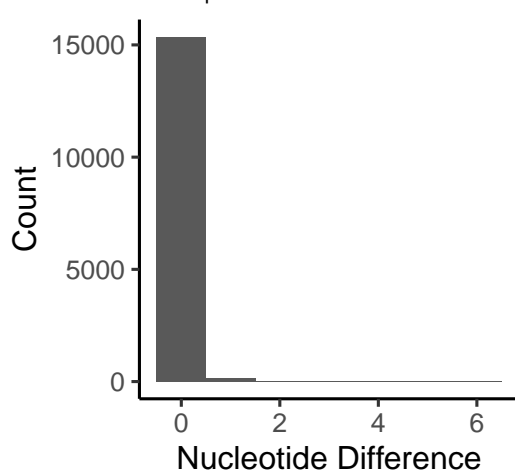
TRBV12-1*ap01

354 sequences assigned
351 (99.2%) exact matches, in which:
347 unique CDR3
14 unique J



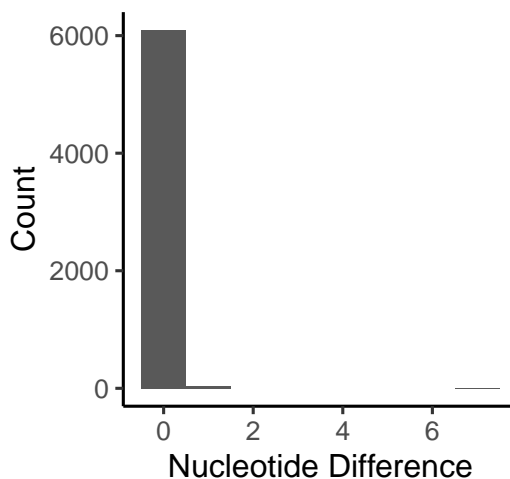
TRBV9*ap01

15527 sequences assigned
15362 (98.9%) exact matches, in which:
15182 unique CDR3
14 unique J



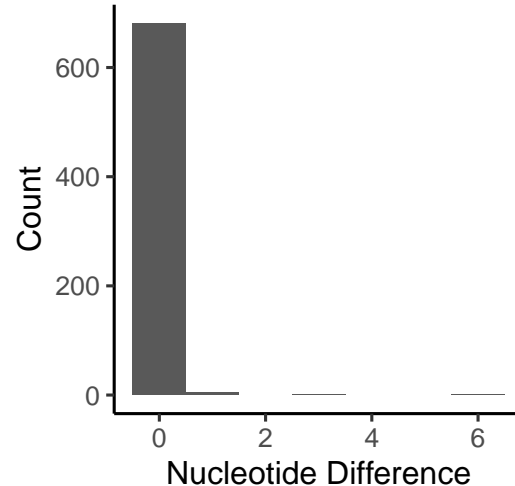
TRBV11-2*ap01

6139 sequences assigned
6095 (99.3%) exact matches, in which:
6031 unique CDR3
14 unique J



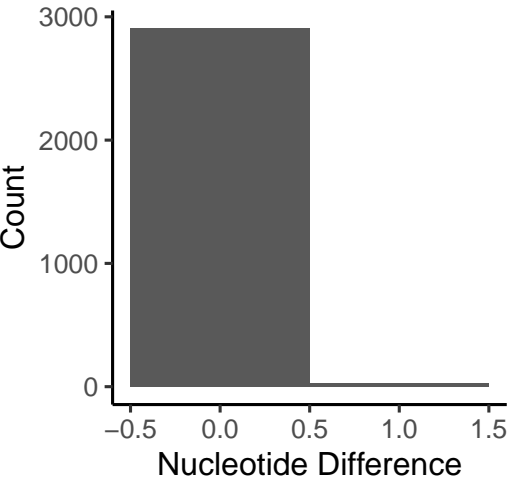
TRBV12-2*ap01

688 sequences assigned
681 (99%) exact matches, in which:
670 unique CDR3
14 unique J



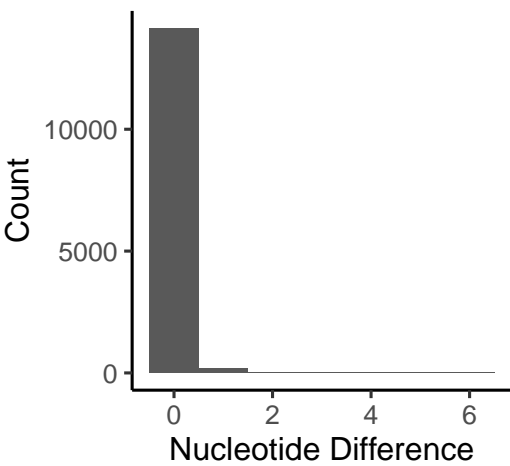
TRBV12-5*ap01

2934 sequences assigned
2906 (99%) exact matches, in which:
2852 unique CDR3
14 unique J



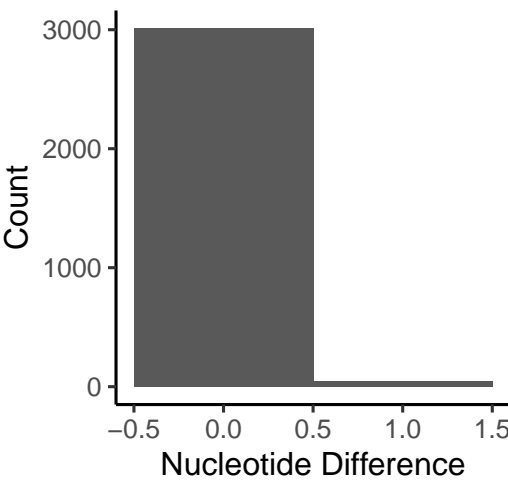
TRBV3-12*ap01

14333 sequences assigned
14149 (98.7%) exact matches, in which:
13963 unique CDR3
14 unique J



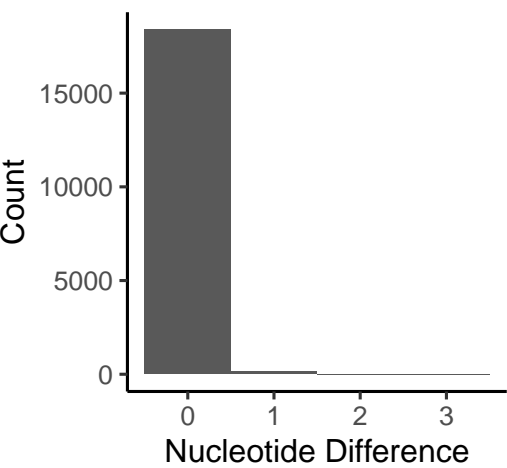
TRBV4-2*ap01

3059 sequences assigned
3011 (98.4%) exact matches, in which:
2994 unique CDR3
14 unique J



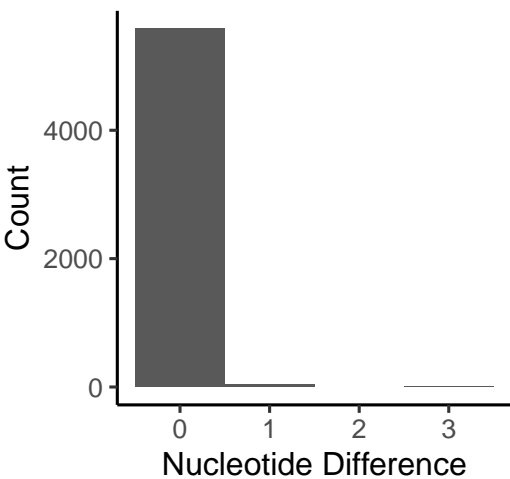
TRBV12-34*ap01

18560 sequences assigned
18397 (99.1%) exact matches, in which:
18170 unique CDR3
14 unique J



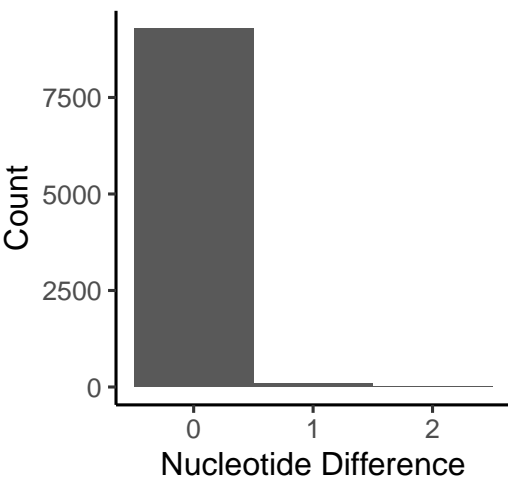
TRBV4-1*ap01

5631 sequences assigned
5582 (99.1%) exact matches, in which:
5506 unique CDR3
14 unique J



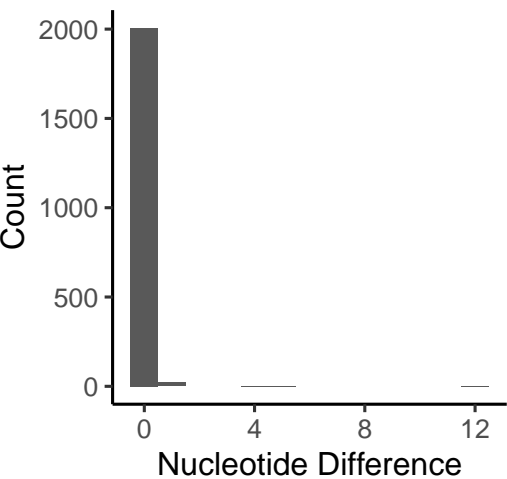
TRBV4-3*ap01

9377 sequences assigned
9281 (99%) exact matches, in which:
9176 unique CDR3
14 unique J



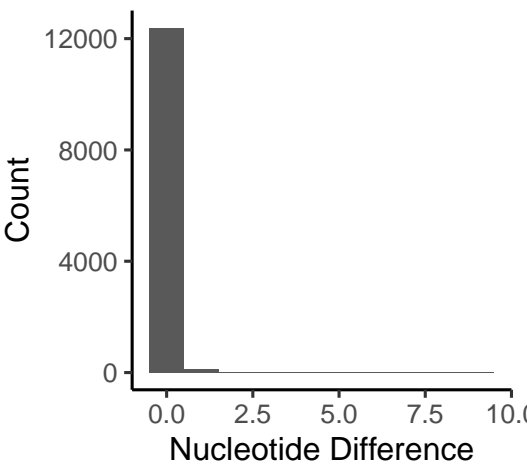
TRBV23-1*ap01

2031 sequences assigned
2006 (98.8%) exact matches, in which:
1961 unique CDR3
14 unique J



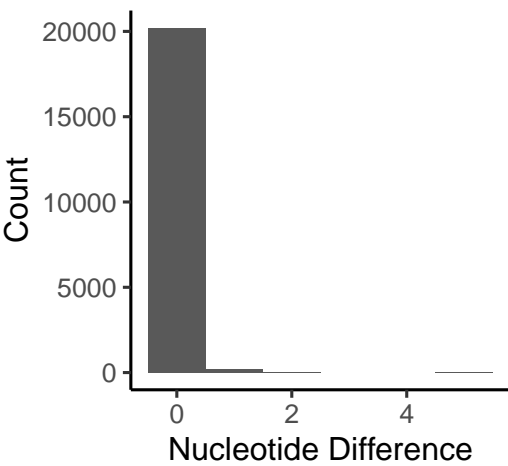
TRBV24-1*ap01

12564 sequences assigned
12389 (98.6%) exact matches, in which:
12264 unique CDR3
14 unique J



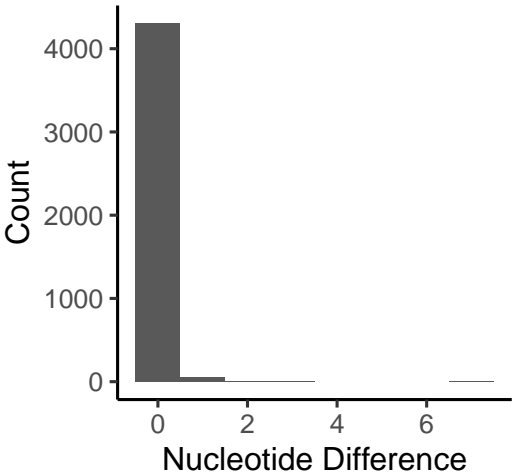
TRBV5-1*ap01

20417 sequences assigned
20212 (99%) exact matches, in which:
19890 unique CDR3
14 unique J



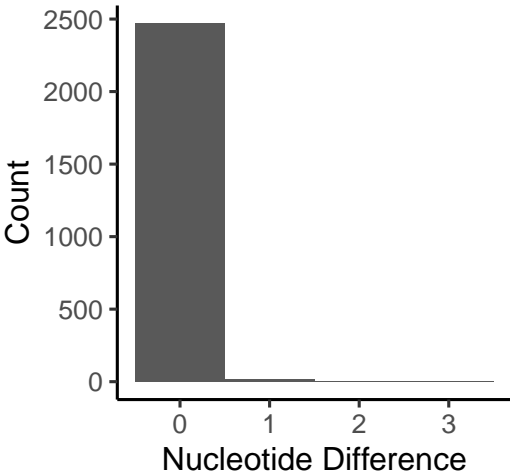
TRBV25-1*ap01

4363 sequences assigned
4304 (98.6%) exact matches, in which:
4262 unique CDR3
14 unique J



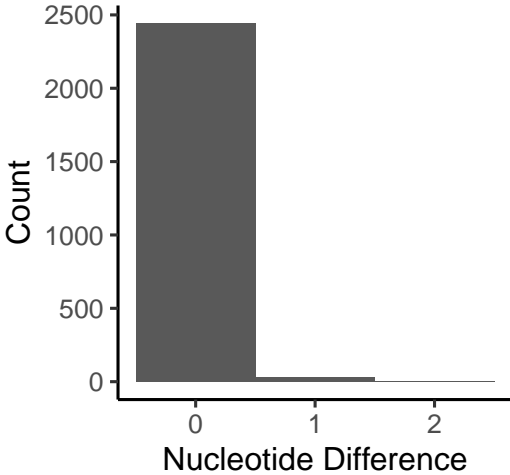
TRBV5-5*ap01

2492 sequences assigned
2470 (99.1%) exact matches, in which:
2454 unique CDR3
14 unique J



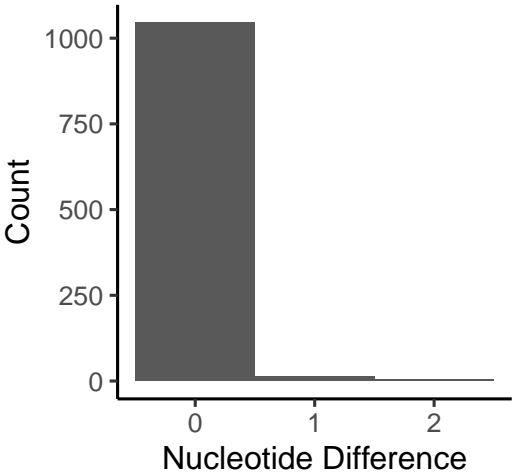
TRBV5-8*ap01

2477 sequences assigned
2442 (98.6%) exact matches, in which:
2407 unique CDR3
14 unique J



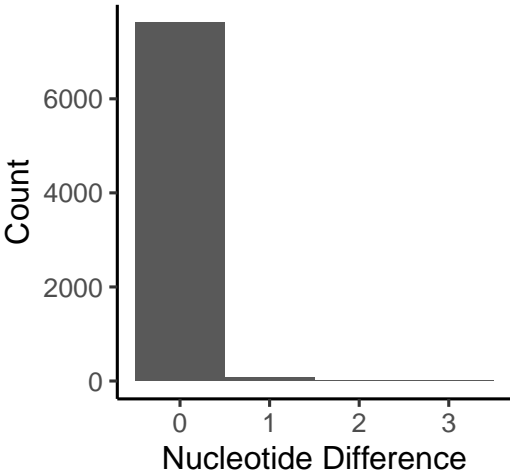
TRBV5-3*ap01

1060 sequences assigned
1045 (98.6%) exact matches, in which:
1030 unique CDR3
14 unique J



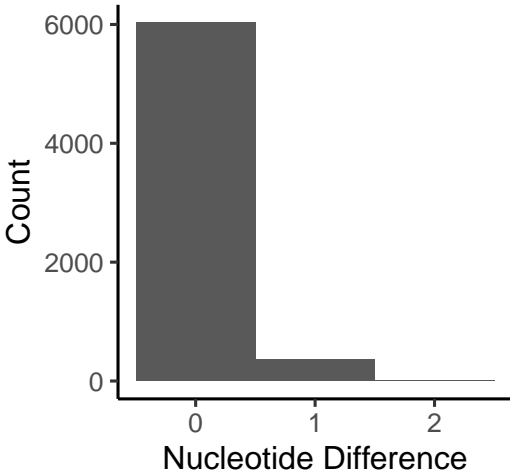
TRBV5-6*ap01

7706 sequences assigned
7618 (98.9%) exact matches, in which:
7501 unique CDR3
14 unique J



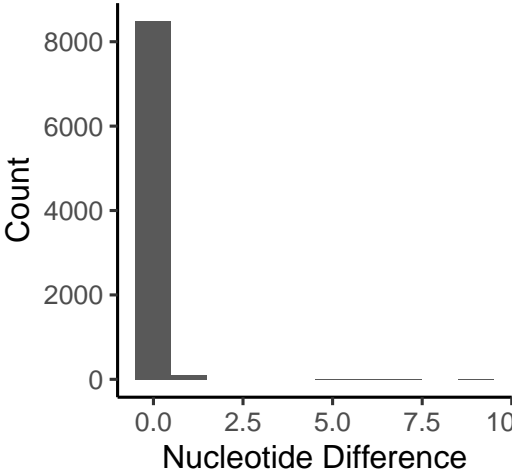
TRBV6-1*ap01

6396 sequences assigned
6029 (94.3%) exact matches, in which:
5929 unique CDR3
14 unique J



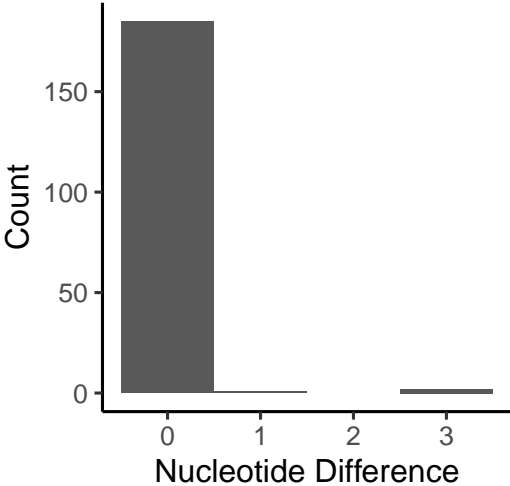
TRBV5-4*ap01

8602 sequences assigned
8490 (98.7%) exact matches, in which:
8377 unique CDR3
14 unique J



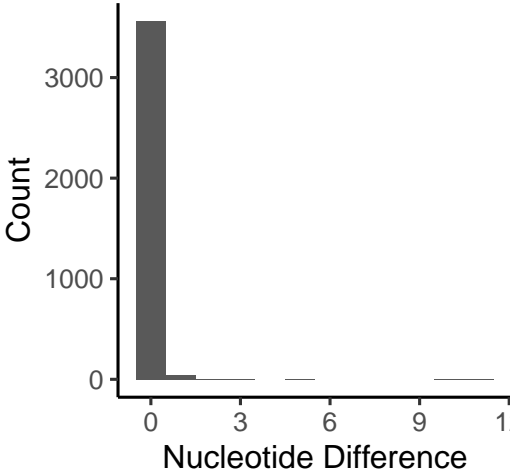
TRBV5-7*ap01

188 sequences assigned
185 (98.4%) exact matches, in which:
182 unique CDR3
14 unique J



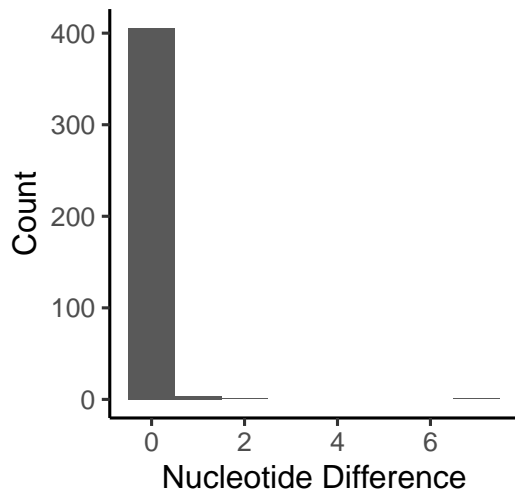
TRBV6-4*ap01

3612 sequences assigned
3562 (98.6%) exact matches, in which:
3497 unique CDR3
14 unique J



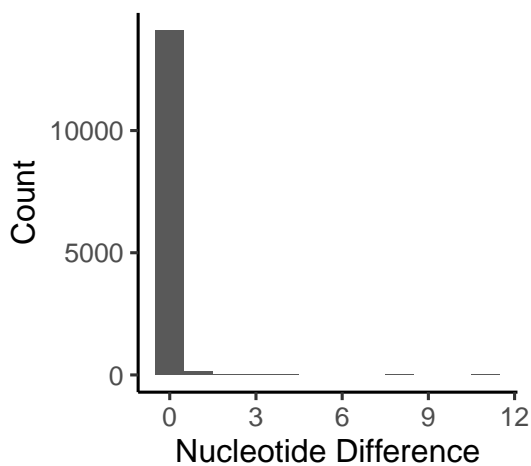
TRBV6-7*ap01

412 sequences assigned
406 (98.5%) exact matches, in which:
392 unique CDR3
14 unique J



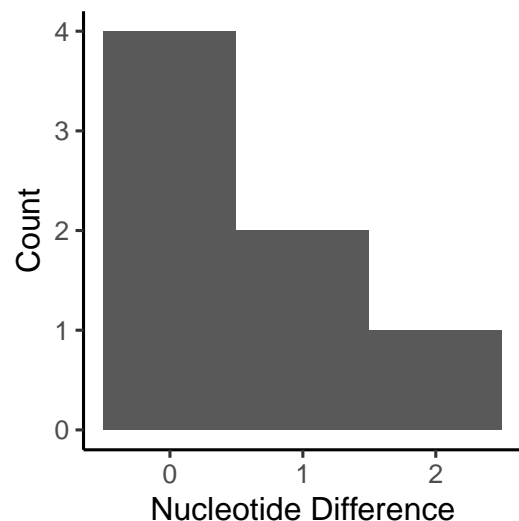
TRBV6-23*ap01

14255 sequences assigned
14108 (99%) exact matches, in which:
13884 unique CDR3
14 unique J



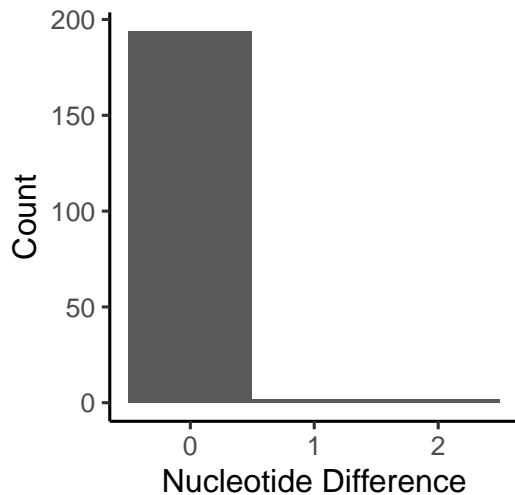
TRBV7-1*ap01

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
3 unique J



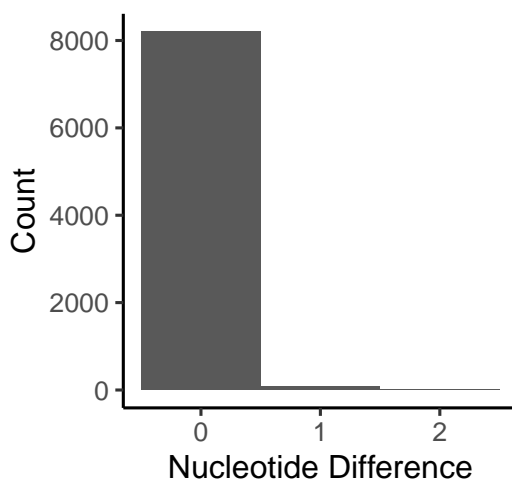
TRBV6-8*ap01

198 sequences assigned
194 (98%) exact matches, in which:
191 unique CDR3
14 unique J



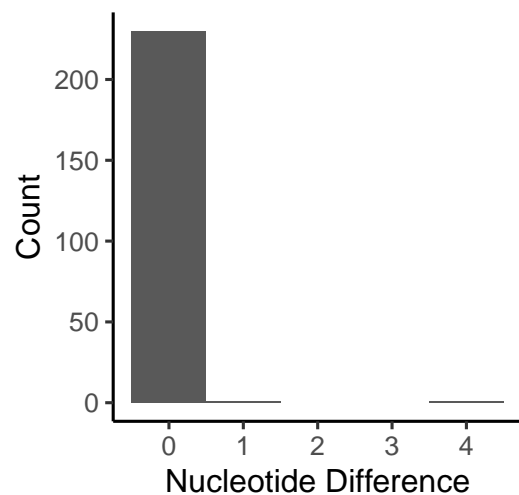
TRBV6-56*ap01

8274 sequences assigned
8201 (99.1%) exact matches, in which:
8072 unique CDR3
14 unique J



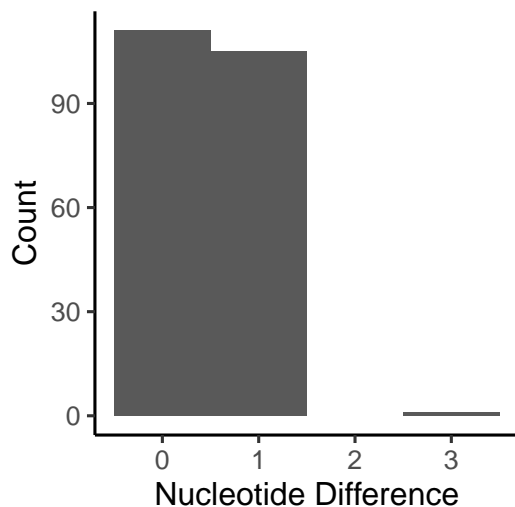
TRBV7-1*ap01_G291C_

232 sequences assigned
230 (99.1%) exact matches, in which:
226 unique CDR3
14 unique J



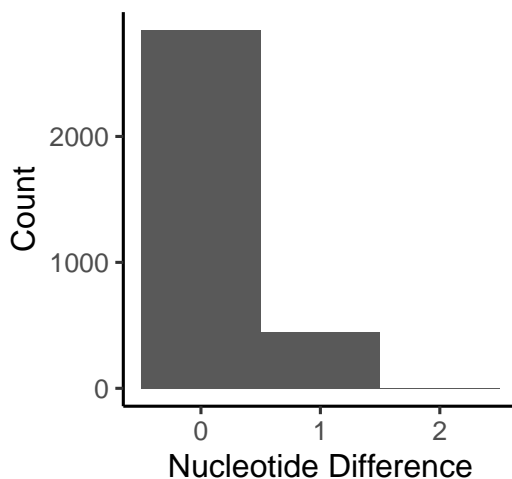
TRBV6-9*ap01

217 sequences assigned
111 (51.2%) exact matches, in which:
110 unique CDR3
13 unique J



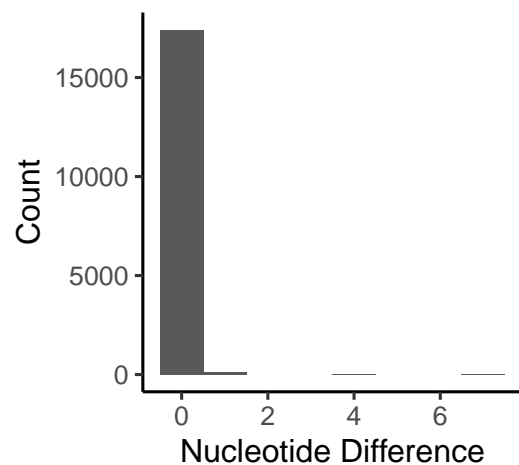
TRBV6-56*ap02

3297 sequences assigned
2845 (86.3%) exact matches, in which:
2795 unique CDR3
14 unique J



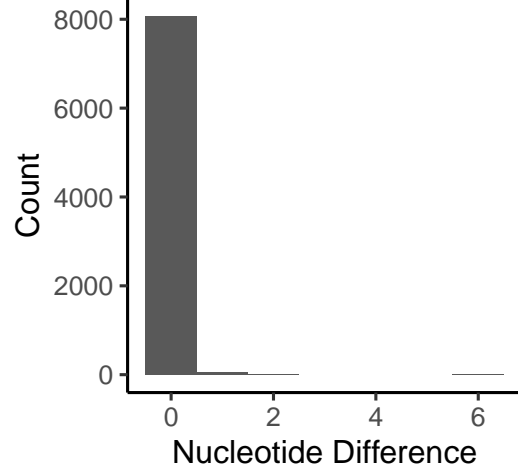
TRBV7-2*ap01

17549 sequences assigned
17411 (99.2%) exact matches, in which:
17216 unique CDR3
14 unique J



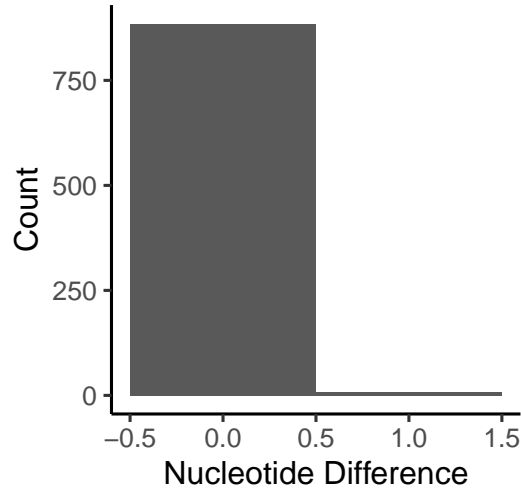
TRBV7-3*ap01

8128 sequences assigned
8064 (99.2%) exact matches, in which:
7961 unique CDR3
14 unique J



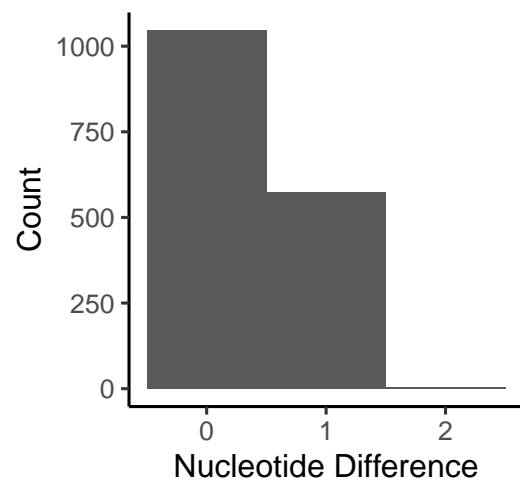
TRBV7-7*ap01

893 sequences assigned
885 (99.1%) exact matches, in which:
865 unique CDR3
14 unique J



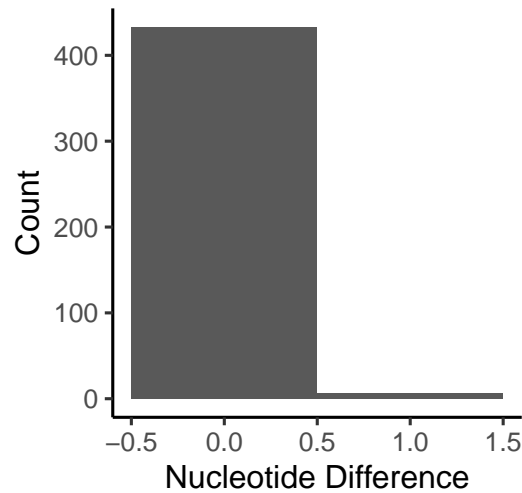
TRBV7-8*ap03

1626 sequences assigned
1046 (64.3%) exact matches, in which:
1024 unique CDR3
14 unique J



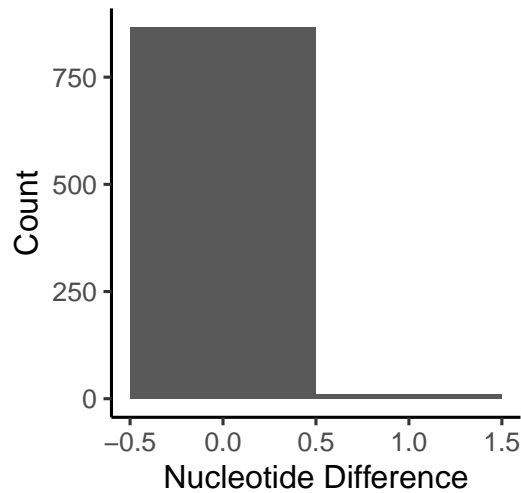
TRBV7-4*ap01

440 sequences assigned
433 (98.4%) exact matches, in which:
423 unique CDR3
14 unique J



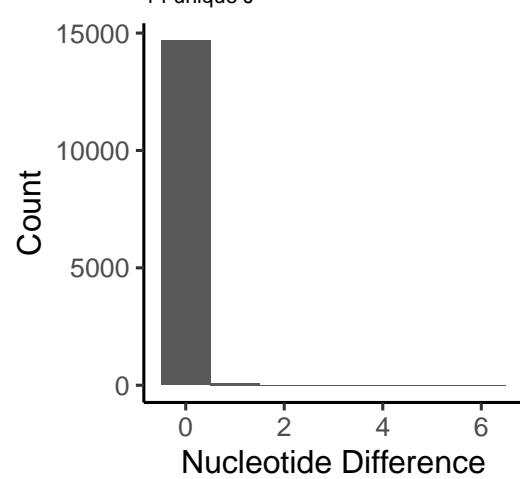
TRBV7-7*ap01_C315T

878 sequences assigned
867 (98.7%) exact matches, in which:
861 unique CDR3
14 unique J



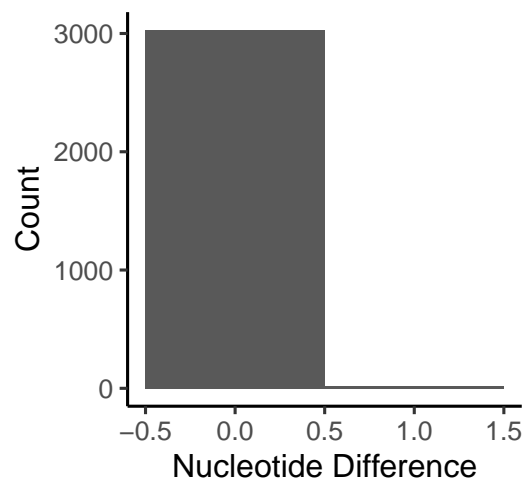
TRBV7-9*ap01

14792 sequences assigned
14684 (99.3%) exact matches, in which:
14546 unique CDR3
14 unique J



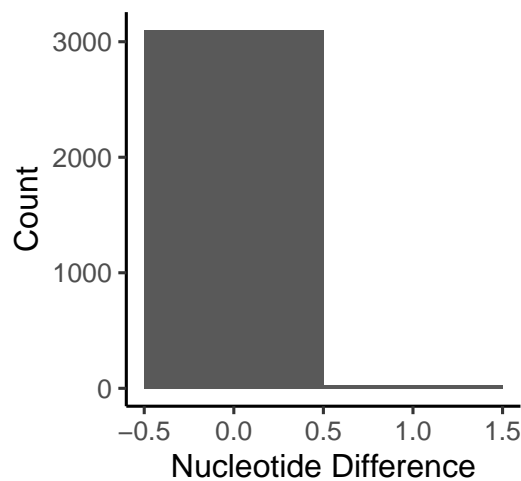
TRBV7-6*ap01

3051 sequences assigned
3029 (99.3%) exact matches, in which:
2992 unique CDR3
14 unique J



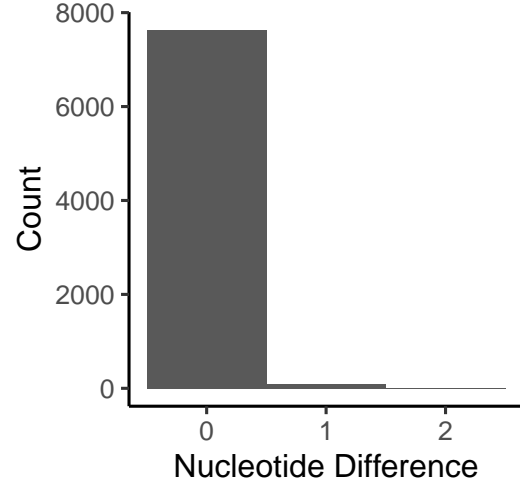
TRBV7-8*ap01

3127 sequences assigned
3101 (99.2%) exact matches, in which:
3068 unique CDR3
14 unique J



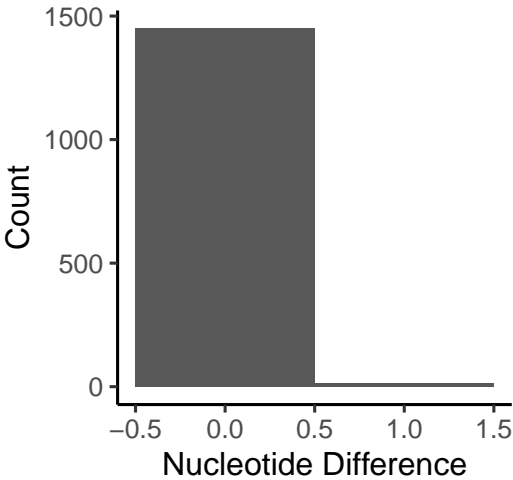
TRBV29-1*ap01

7728 sequences assigned
7629 (98.7%) exact matches, in which:
7538 unique CDR3
14 unique J

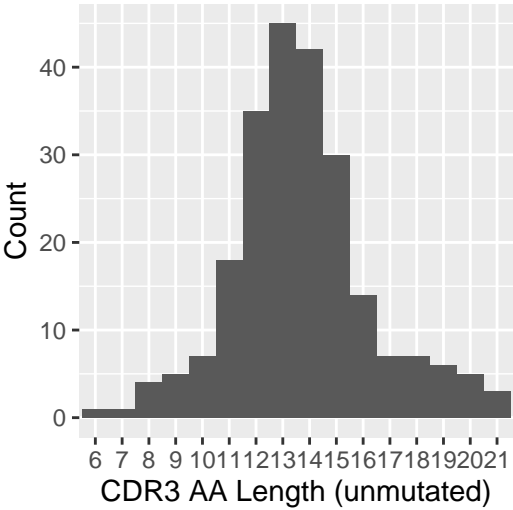


TRBV29-1*ap02

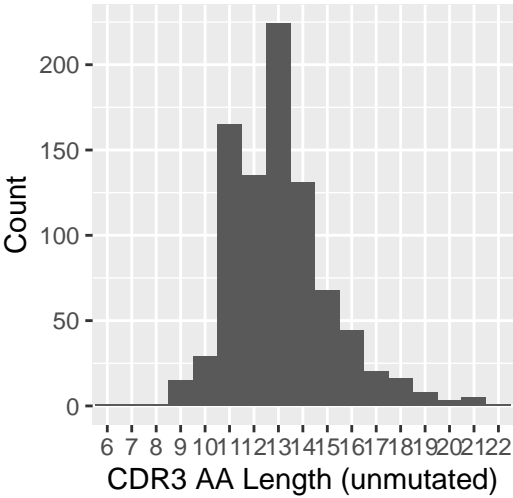
1464 sequences assigned
1450 (99%) exact matches, in which:
1439 unique CDR3
14 unique J



TRBV7-1*ap01_G291C_T296C_C314T

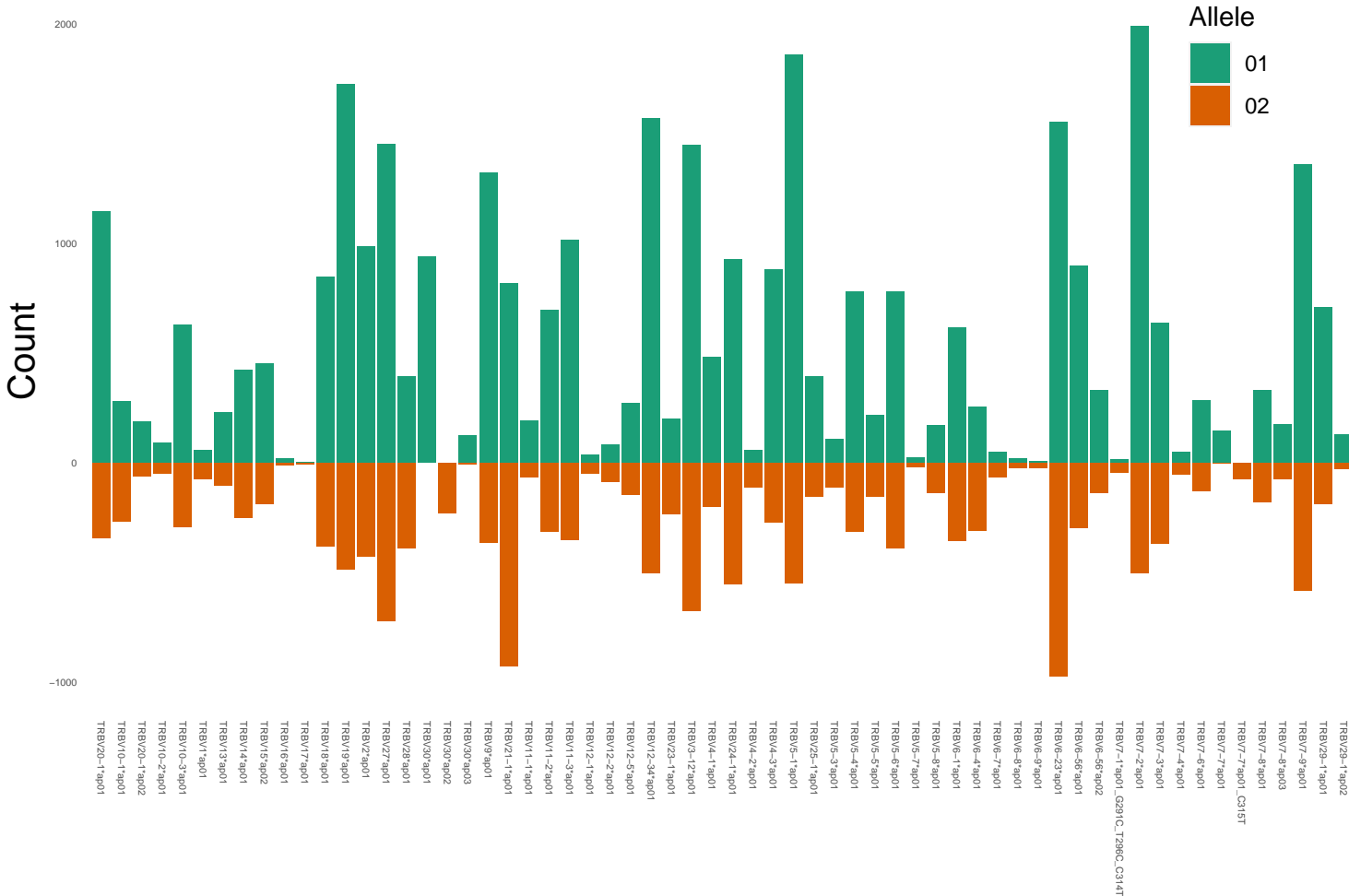


TRBV7-7*ap01_C315T





Sequence Count by TRBJ2–7 allele usage



Warning – no inferred sequences found.