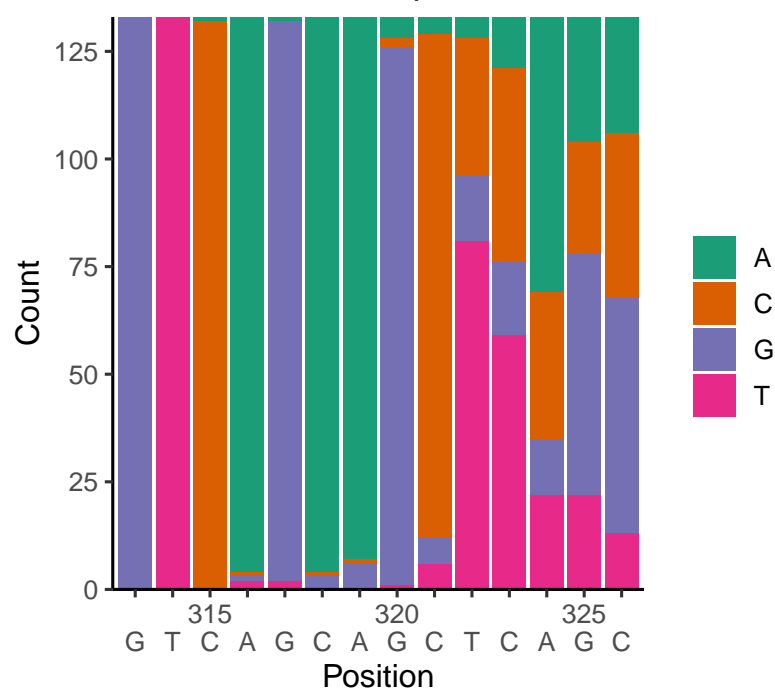
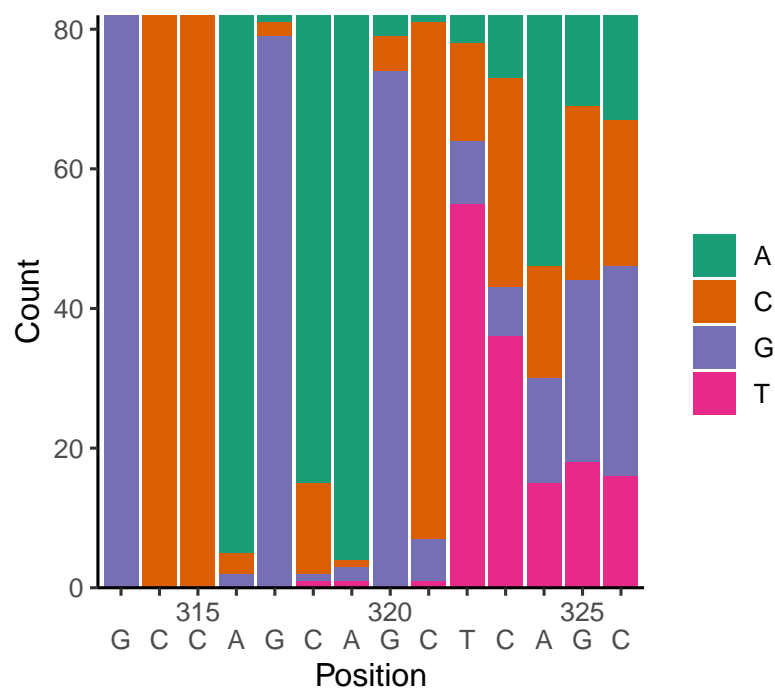


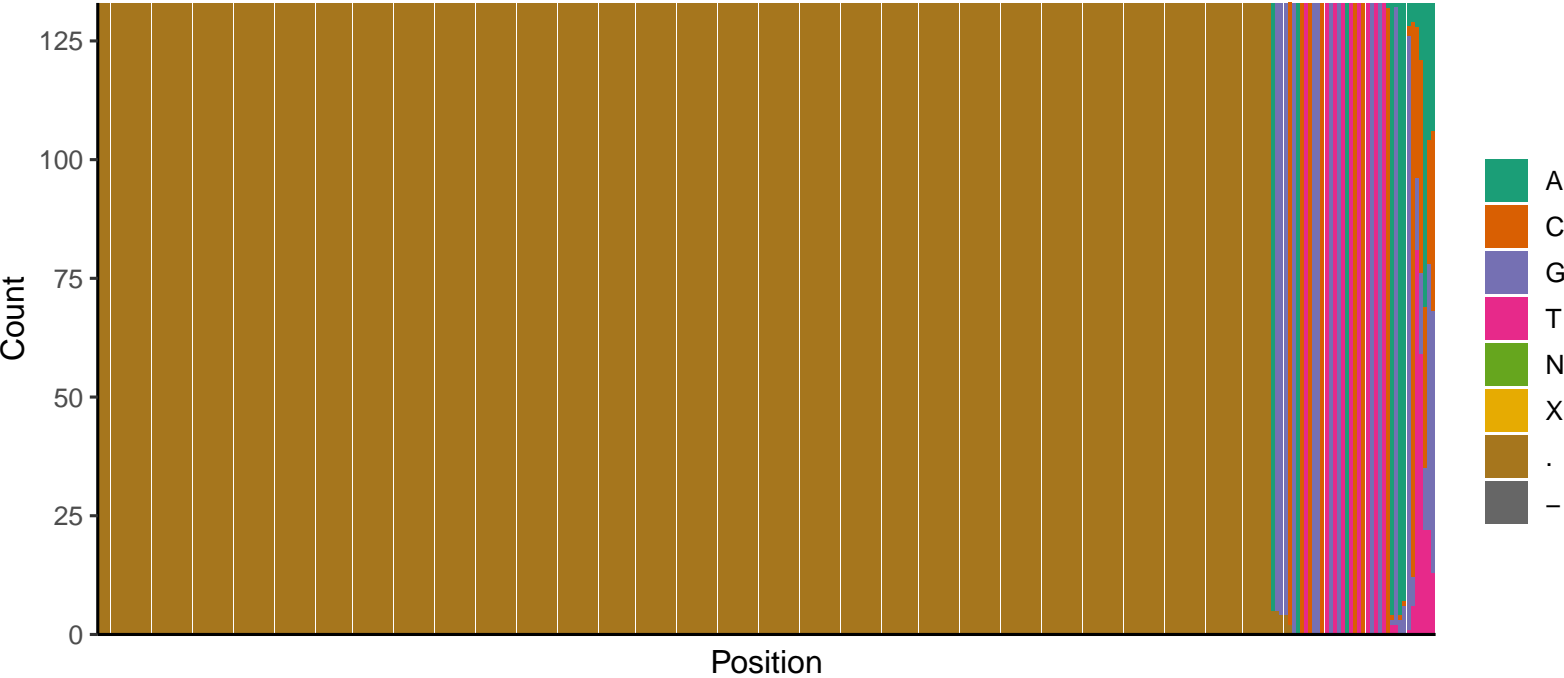
Gene TRBV7-1*ap01_G291C_T296C_C314T



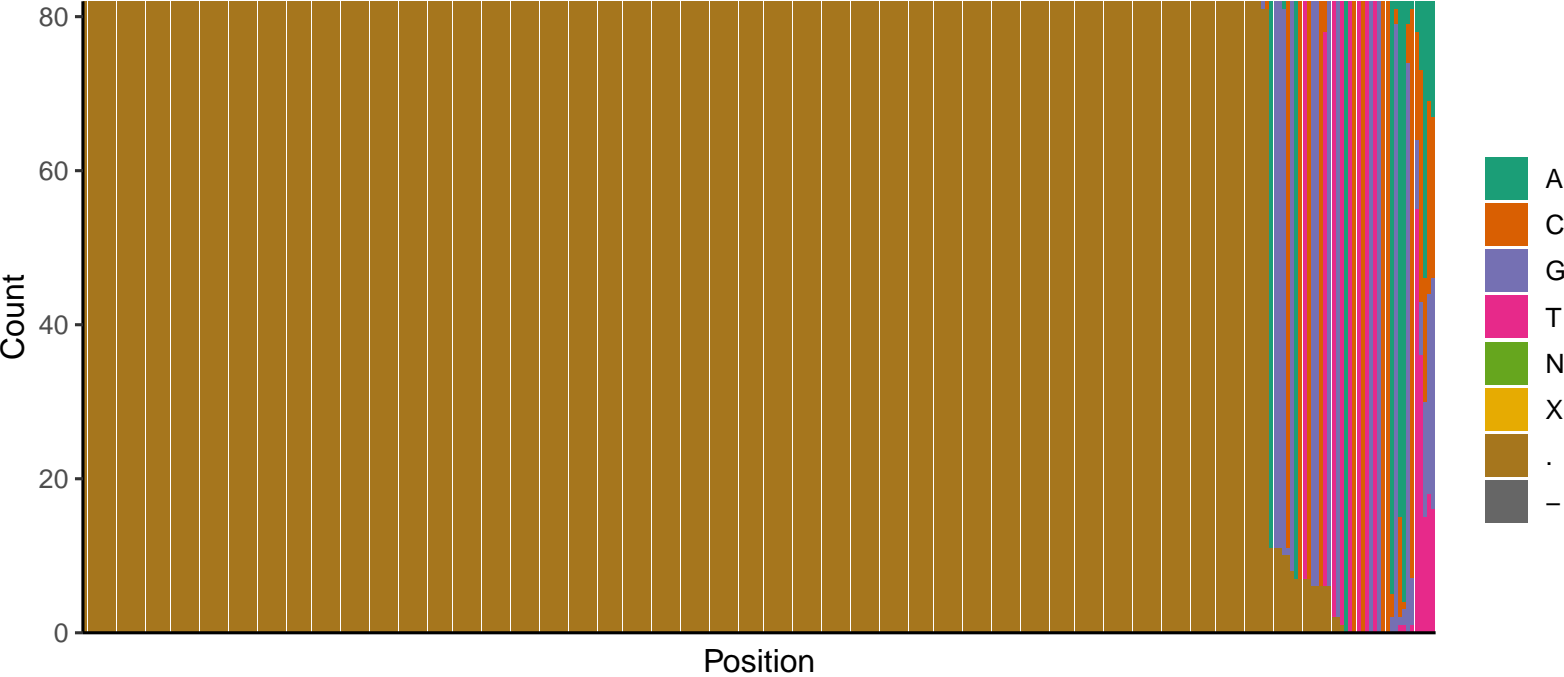
Gene TRBV7-1*ap01_G291C_T296C



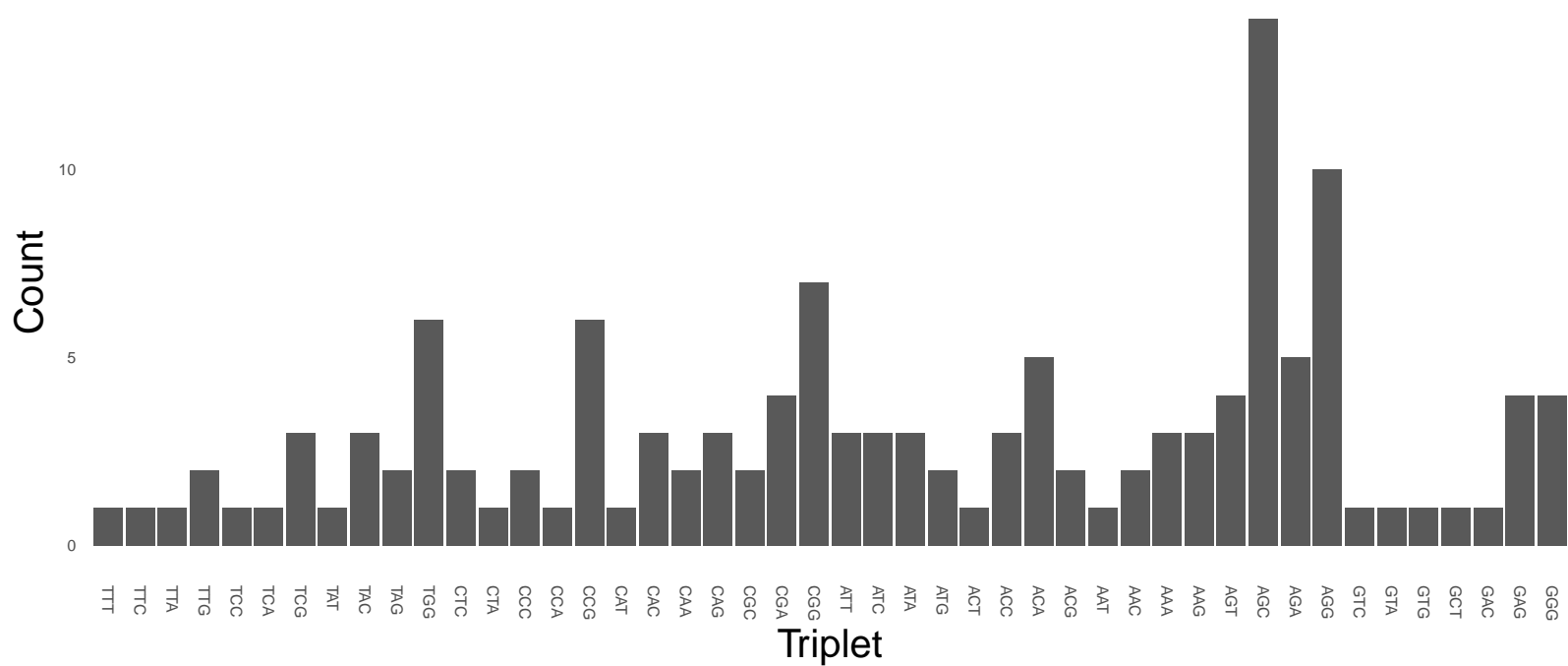
Gene TRBV7-1*ap01_G291C_T296C_C314T



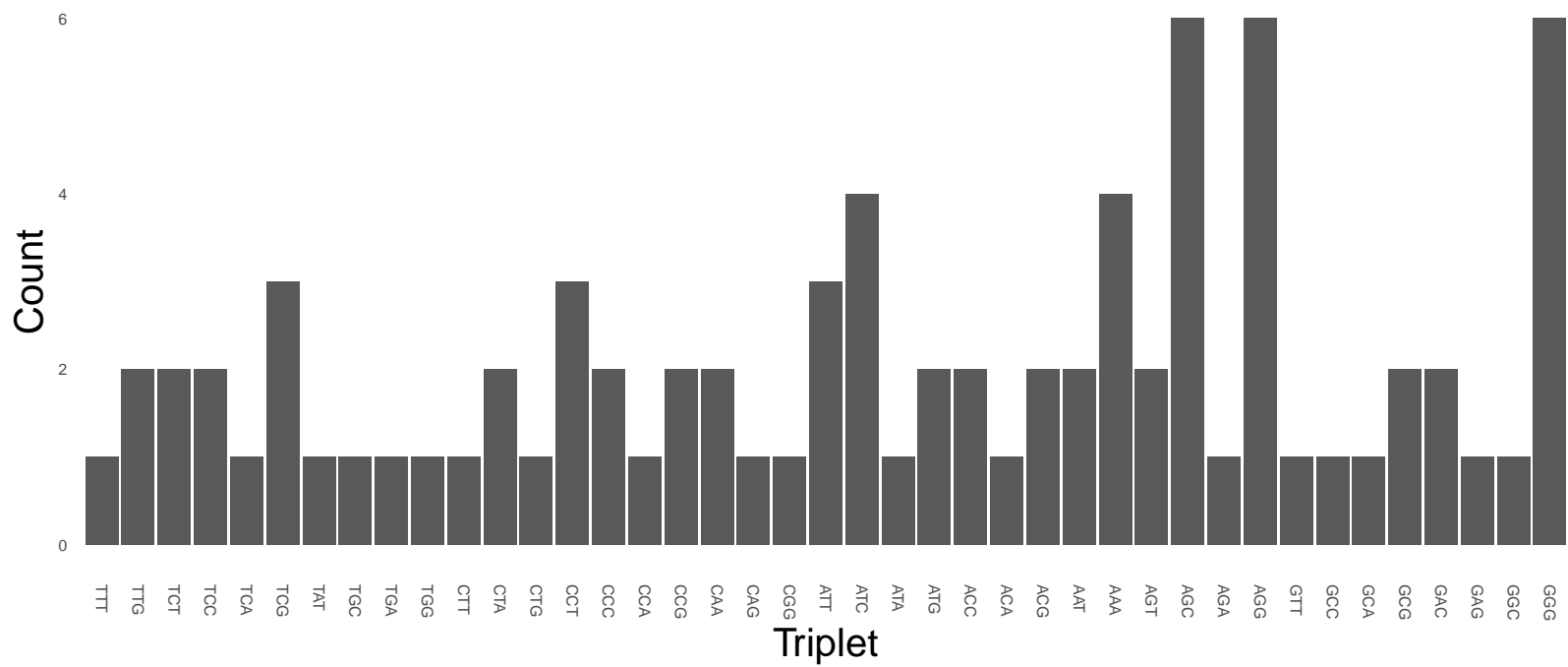
Gene TRBV7-1*ap01_G291C_T296C



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

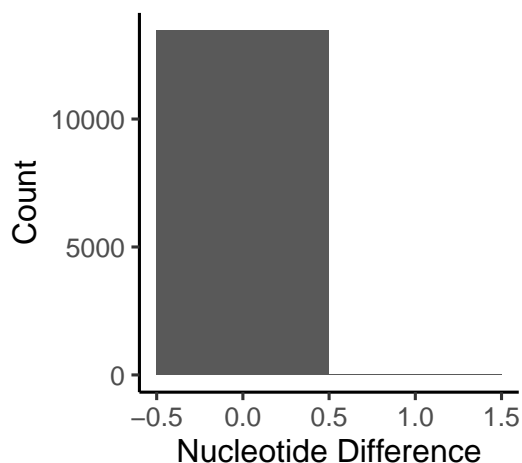


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



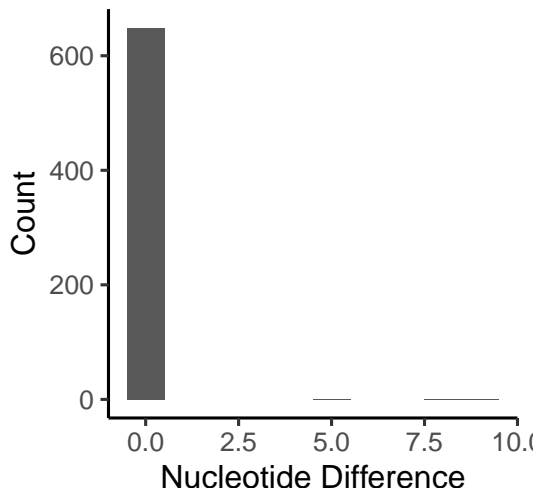
TRBV20-1*ap01

13493 sequences assigned
13473 (99.9%) exact matches, in which:
13465 unique CDR3
13 unique J



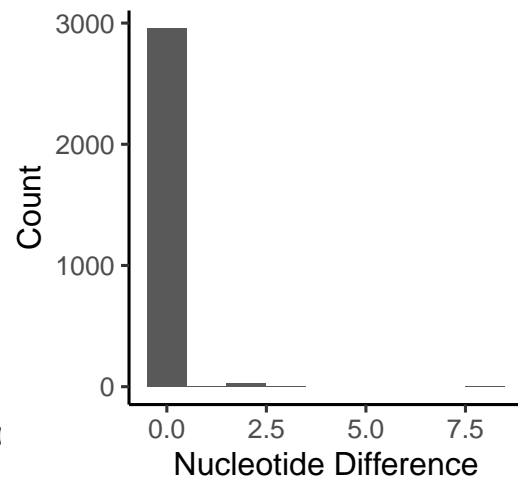
TRBV10-2*ap01

652 sequences assigned
649 (99.5%) exact matches, in which:
649 unique CDR3
12 unique J



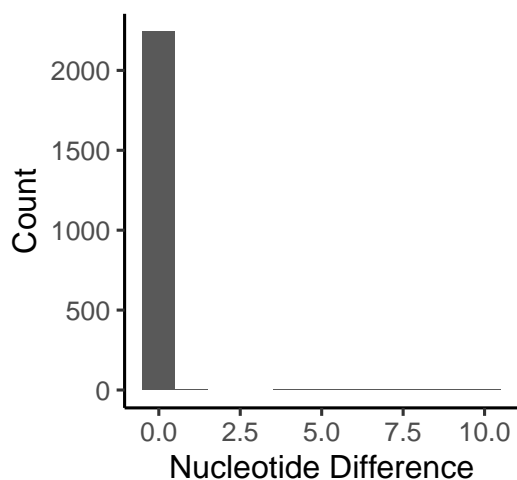
TRBV13*ap01

2997 sequences assigned
2956 (98.6%) exact matches, in which:
2955 unique CDR3
12 unique J



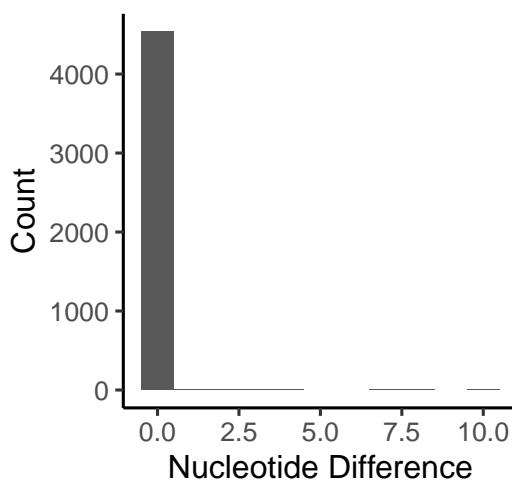
TRBV10-1*ap01

2260 sequences assigned
2242 (99.2%) exact matches, in which:
2242 unique CDR3
12 unique J



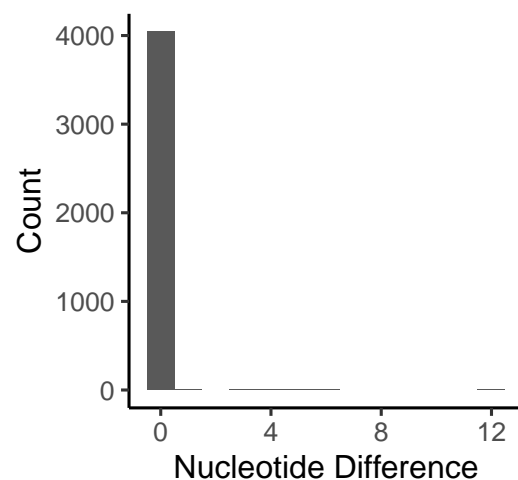
TRBV10-3*ap01

4551 sequences assigned
4536 (99.7%) exact matches, in which:
4536 unique CDR3
12 unique J



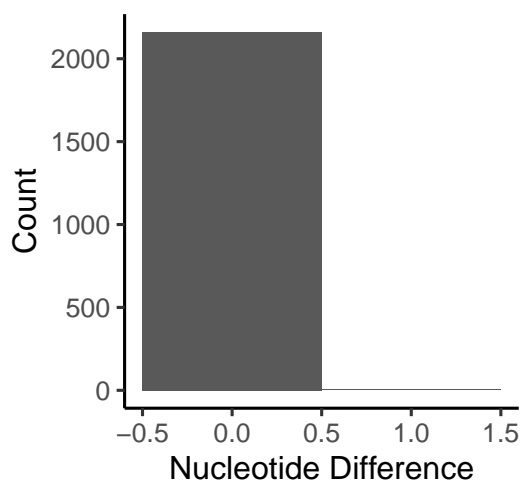
TRBV14*ap01

4058 sequences assigned
4043 (99.6%) exact matches, in which:
4043 unique CDR3
12 unique J



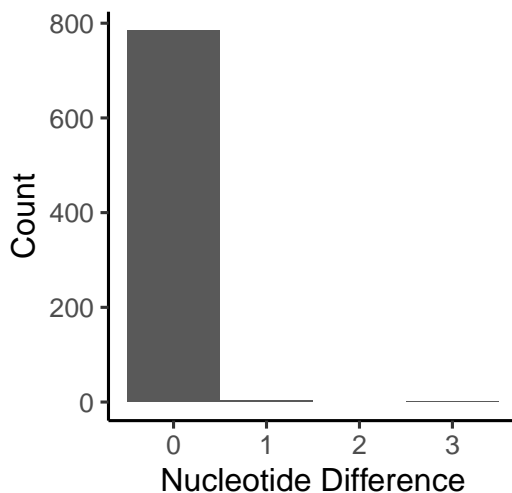
TRBV20-1*ap02

2165 sequences assigned
2161 (99.8%) exact matches, in which:
2159 unique CDR3
12 unique J



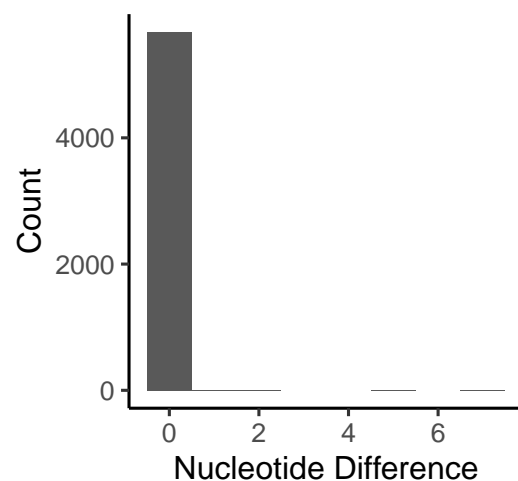
TRBV1*ap01

789 sequences assigned
785 (99.5%) exact matches, in which:
785 unique CDR3
12 unique J



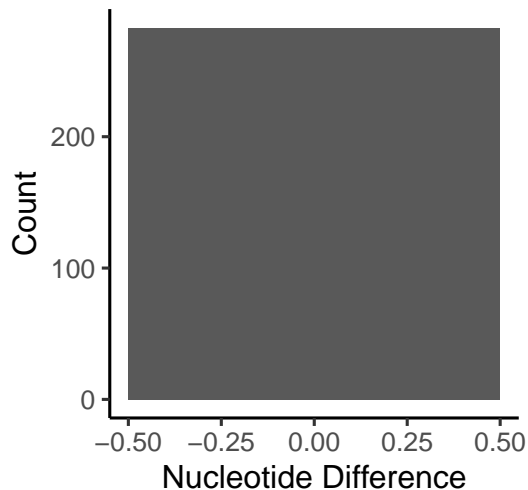
TRBV15*ap02

5687 sequences assigned
5676 (99.8%) exact matches, in which:
5673 unique CDR3
12 unique J



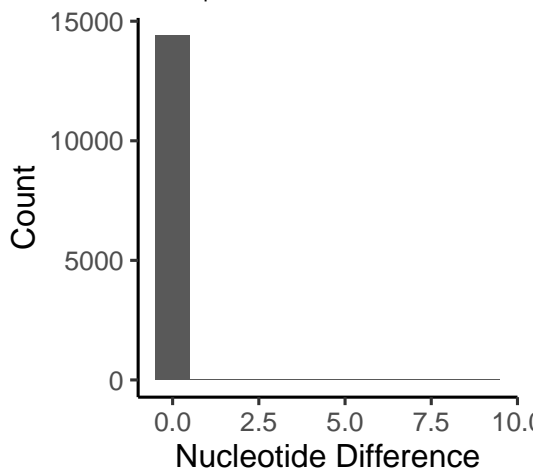
TRBV16*ap01

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



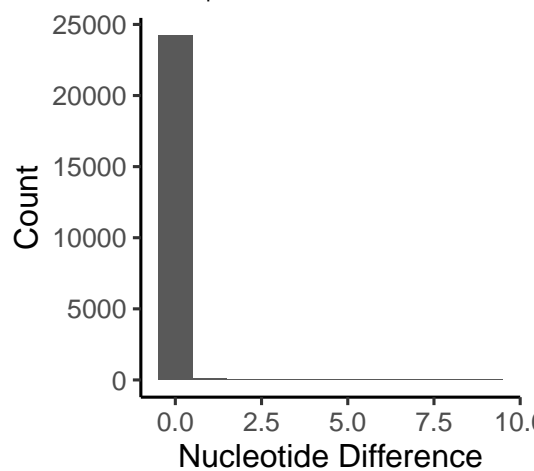
TRBV19*ap01

14473 sequences assigned
14417 (99.6%) exact matches, in which:
14416 unique CDR3
13 unique J



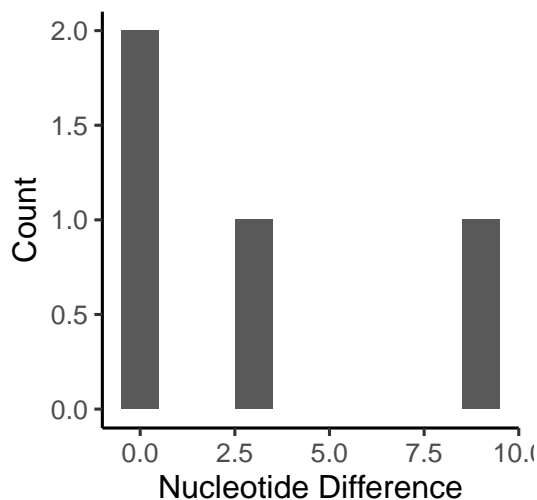
TRBV27*ap01

24364 sequences assigned
24246 (99.5%) exact matches, in which:
24201 unique CDR3
13 unique J



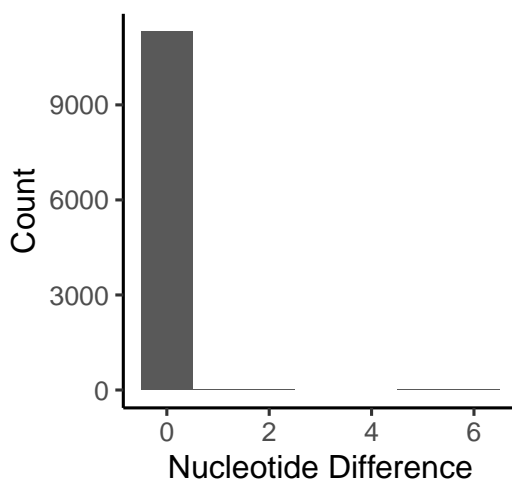
TRBV17*ap01

4 sequences assigned
2 (50%) exact matches, in which:
2 unique CDR3
2 unique J



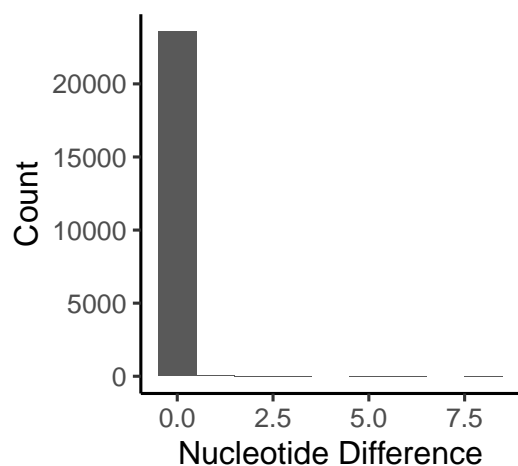
TRBV2*ap01

11345 sequences assigned
11309 (99.7%) exact matches, in which:
11291 unique CDR3
13 unique J



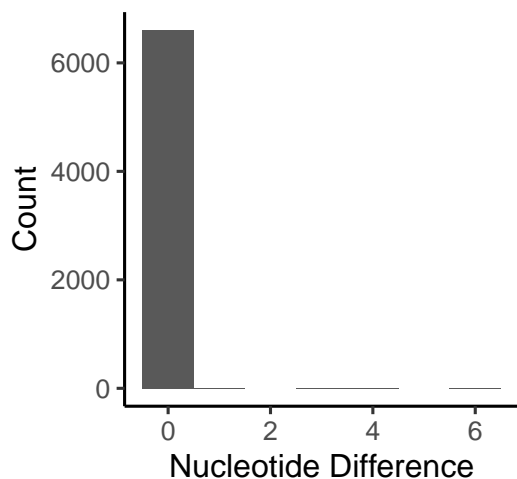
TRBV28*ap01

23642 sequences assigned
23584 (99.8%) exact matches, in which:
23580 unique CDR3
13 unique J



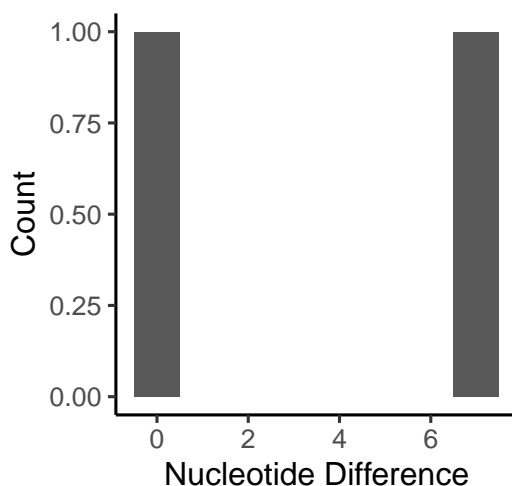
TRBV18*ap01

6616 sequences assigned
6605 (99.8%) exact matches, in which:
6603 unique CDR3
13 unique J



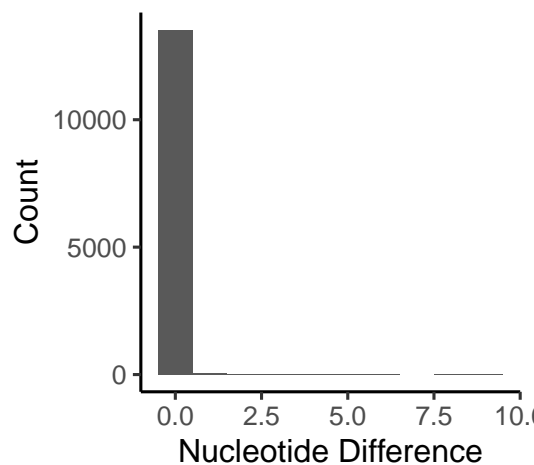
TRBV26*ap01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



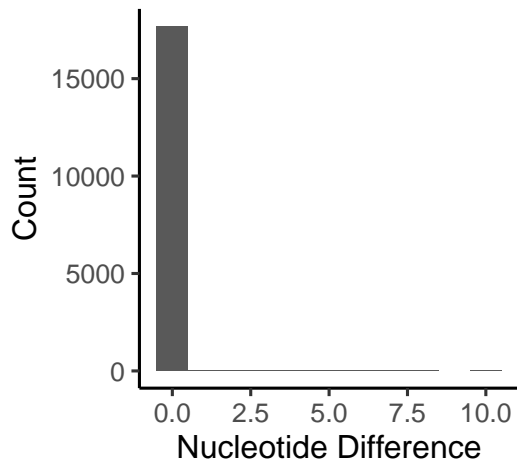
TRBV30*ap01

13612 sequences assigned
13528 (99.4%) exact matches, in which:
13500 unique CDR3
13 unique J



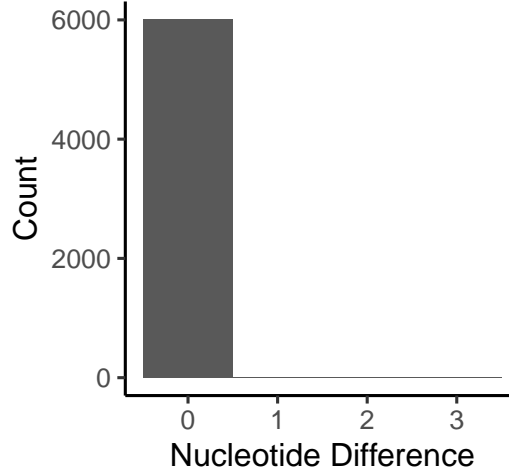
TRBV9*ap01

17749 sequences assigned
17693 (99.7%) exact matches, in which:
17685 unique CDR3
12 unique J



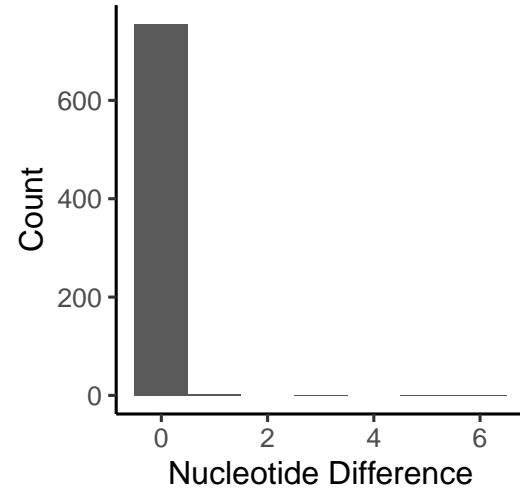
TRBV11-2*ap01

6019 sequences assigned
6008 (99.8%) exact matches, in which:
6007 unique CDR3
12 unique J



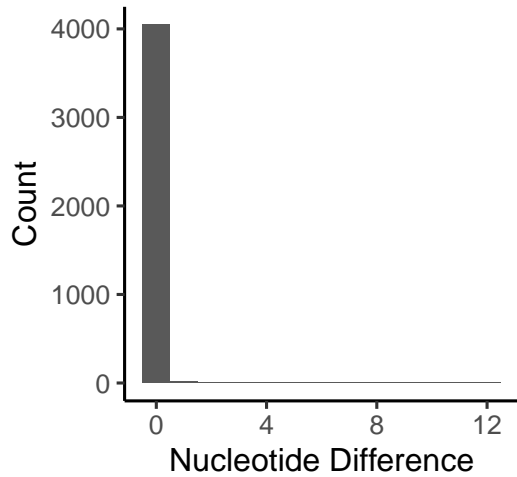
TRBV12-2*ap01

762 sequences assigned
756 (99.2%) exact matches, in which:
756 unique CDR3
12 unique J



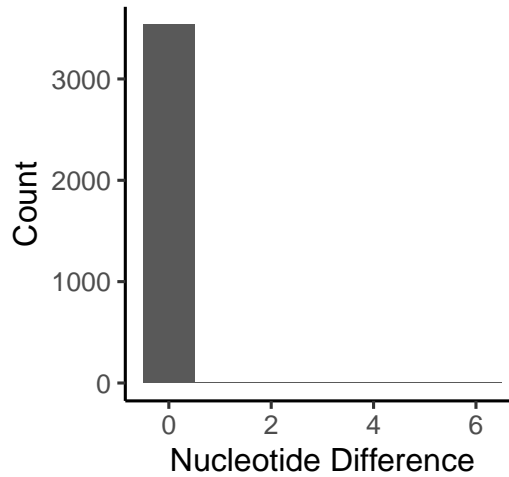
TRBV21-1*ap01

4098 sequences assigned
4047 (98.8%) exact matches, in which:
4047 unique CDR3
12 unique J



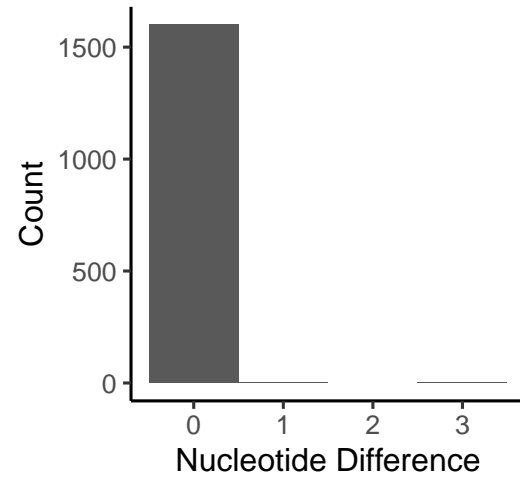
TRBV11-3*ap01

3544 sequences assigned
3535 (99.7%) exact matches, in which:
3535 unique CDR3
12 unique J



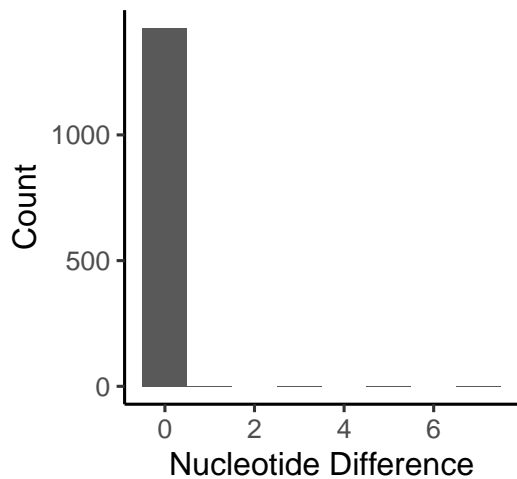
TRBV12-5*ap01

1604 sequences assigned
1600 (99.8%) exact matches, in which:
1600 unique CDR3
12 unique J



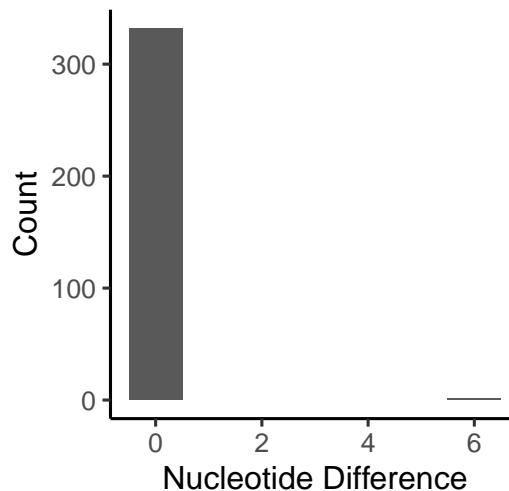
TRBV11-1*ap01

1431 sequences assigned
1425 (99.6%) exact matches, in which:
1425 unique CDR3
12 unique J



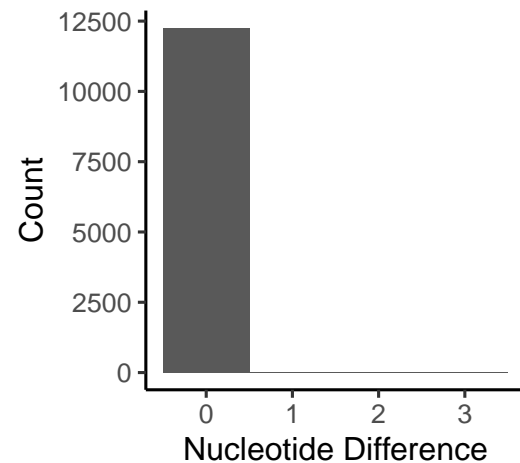
TRBV12-1*ap01

333 sequences assigned
332 (99.7%) exact matches, in which:
331 unique CDR3
12 unique J



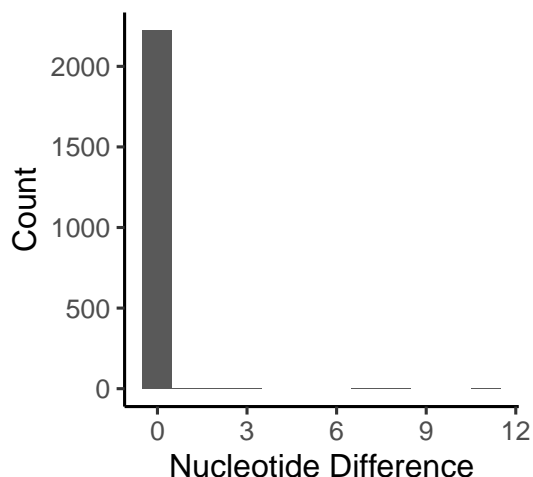
TRBV12-34*ap01

12287 sequences assigned
12262 (99.8%) exact matches, in which:
12260 unique CDR3
13 unique J



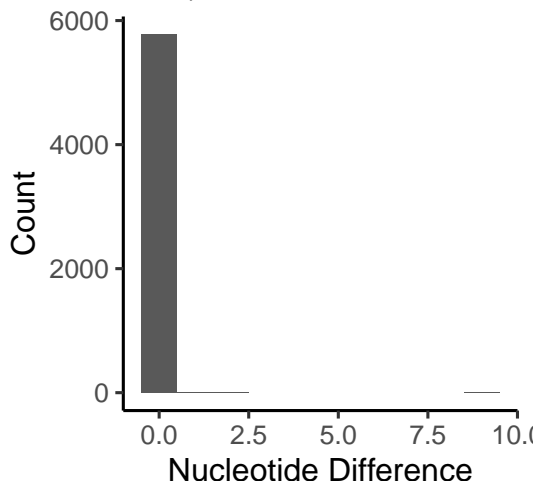
TRBV23-1*ap01

2239 sequences assigned
2223 (99.3%) exact matches, in which:
2223 unique CDR3
13 unique J



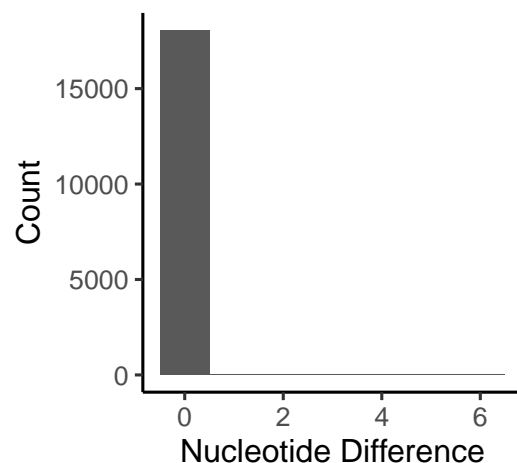
TRBV4-1*ap01

5788 sequences assigned
5777 (99.8%) exact matches, in which:
5775 unique CDR3
12 unique J



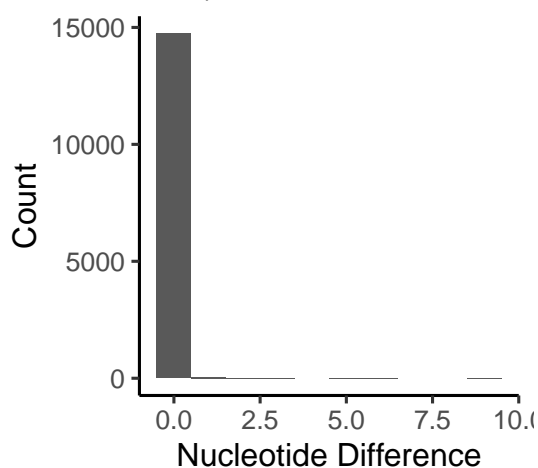
TRBV5-1*ap01

18097 sequences assigned
18063 (99.8%) exact matches, in which:
18047 unique CDR3
13 unique J



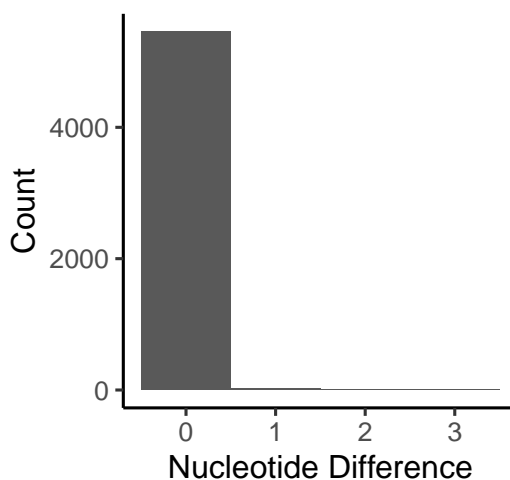
TRBV3-12*ap01

14803 sequences assigned
14741 (99.6%) exact matches, in which:
14722 unique CDR3
13 unique J



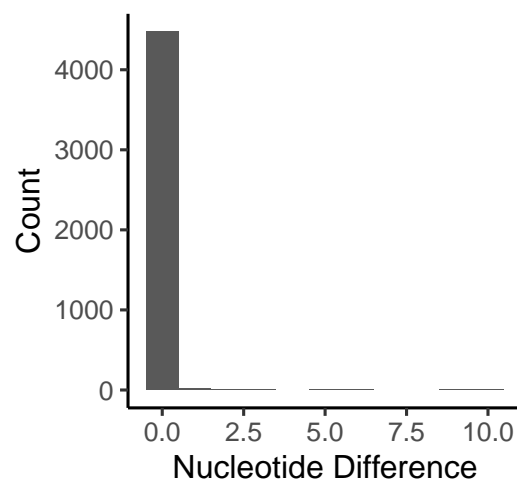
TRBV4-2*ap01

5483 sequences assigned
5456 (99.5%) exact matches, in which:
5453 unique CDR3
12 unique J



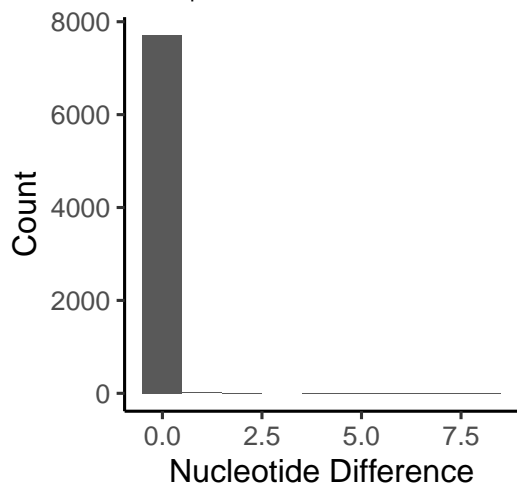
TRBV25-1*ap01

4514 sequences assigned
4475 (99.1%) exact matches, in which:
4467 unique CDR3
13 unique J



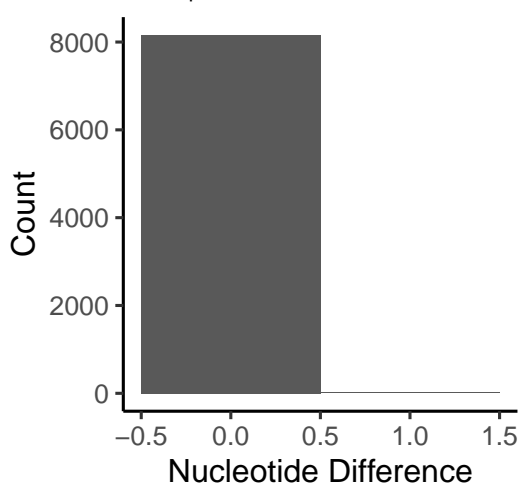
TRBV24-1*ap01

7747 sequences assigned
7713 (99.6%) exact matches, in which:
7695 unique CDR3
13 unique J



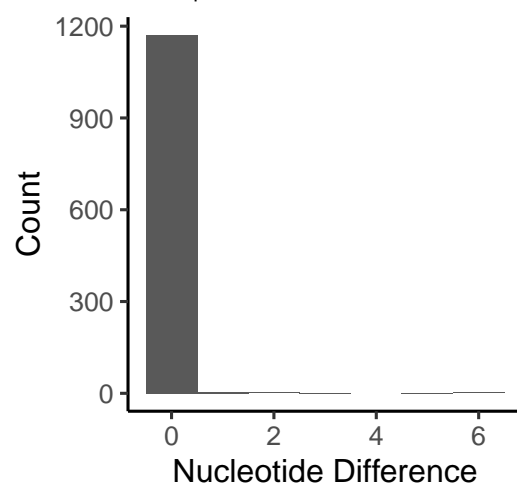
TRBV4-3*ap01

8179 sequences assigned
8159 (99.8%) exact matches, in which:
8151 unique CDR3
12 unique J



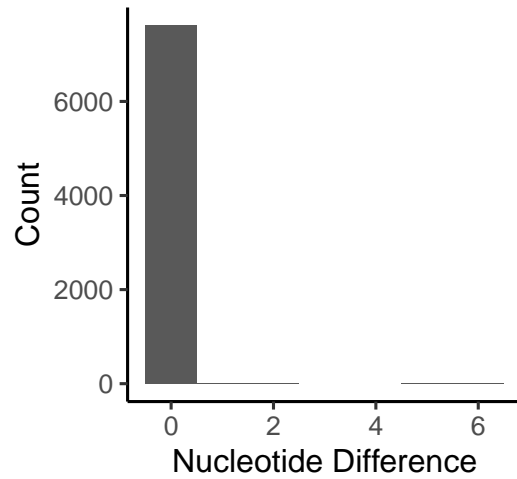
TRBV5-3*ap01

1184 sequences assigned
1171 (98.9%) exact matches, in which:
1170 unique CDR3
12 unique J



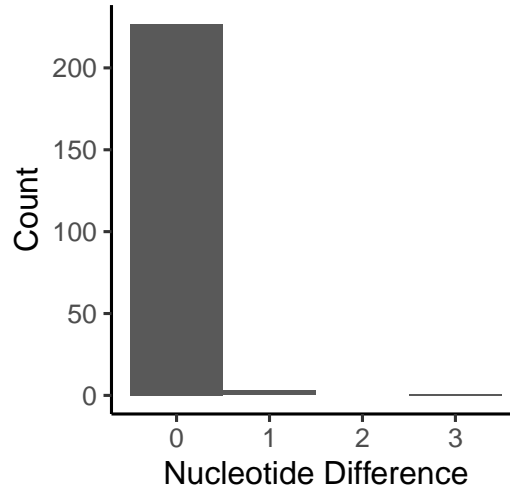
TRBV5-4*ap01

7633 sequences assigned
7616 (99.8%) exact matches, in which:
7613 unique CDR3
12 unique J



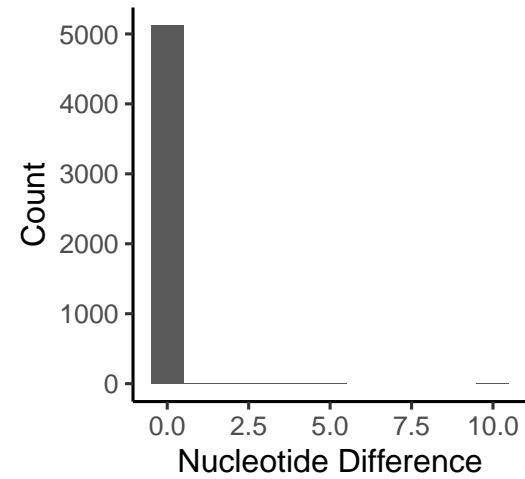
TRBV5-7*ap01

231 sequences assigned
227 (98.3%) exact matches, in which:
227 unique CDR3
12 unique J



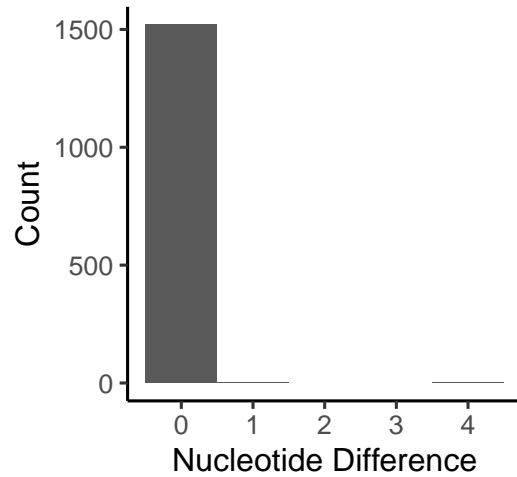
TRBV6-4*ap01

5138 sequences assigned
5122 (99.7%) exact matches, in which:
5119 unique CDR3
12 unique J



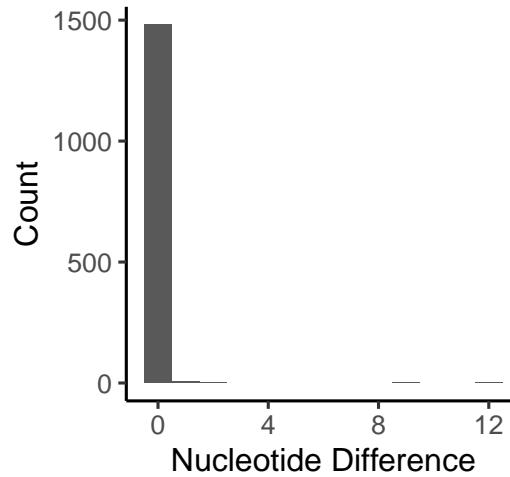
TRBV5-5*ap01

1524 sequences assigned
1520 (99.7%) exact matches, in which:
1510 unique CDR3
12 unique J



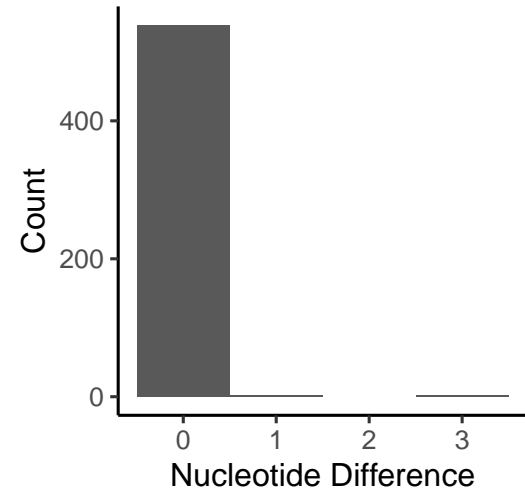
TRBV5-8*ap01

1493 sequences assigned
1481 (99.2%) exact matches, in which:
1481 unique CDR3
12 unique J



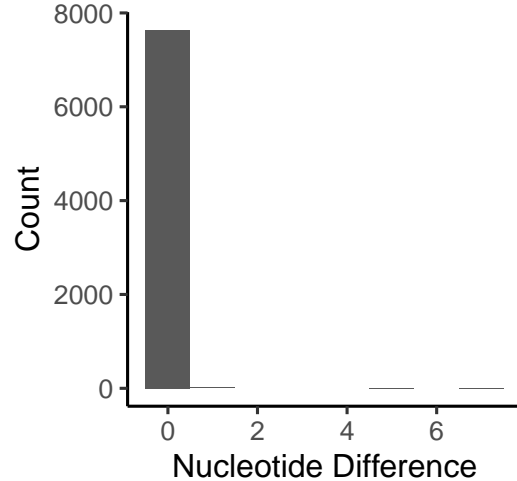
TRBV6-7*ap01

543 sequences assigned
539 (99.3%) exact matches, in which:
539 unique CDR3
12 unique J



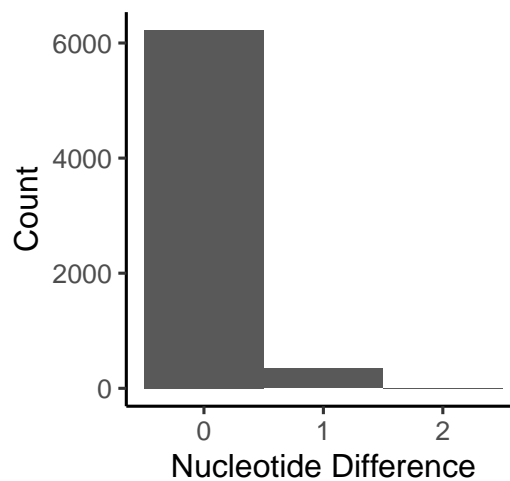
TRBV5-6*ap01

7662 sequences assigned
7635 (99.6%) exact matches, in which:
7623 unique CDR3
13 unique J



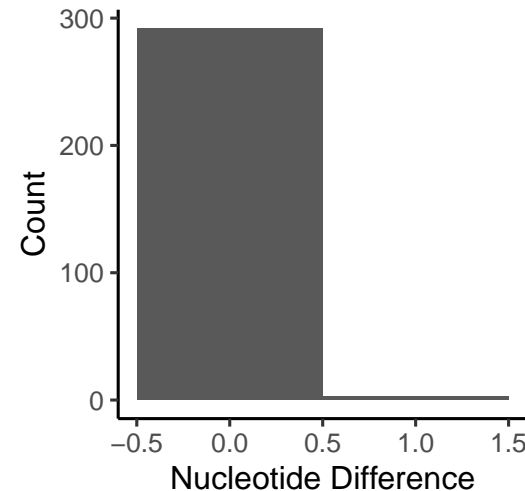
TRBV6-1*ap01

6571 sequences assigned
6225 (94.7%) exact matches, in which:
6221 unique CDR3
13 unique J



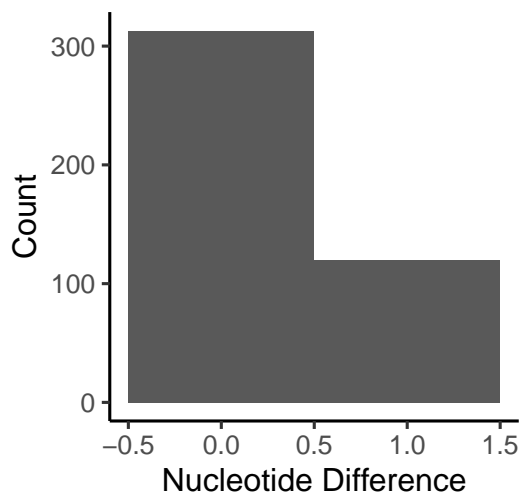
TRBV6-8*ap01

295 sequences assigned
292 (99%) exact matches, in which:
292 unique CDR3
12 unique J



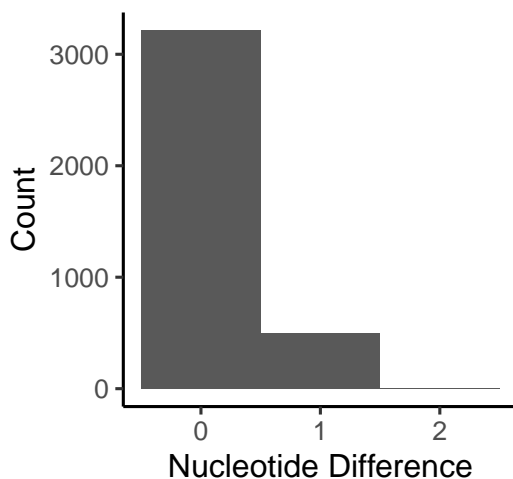
TRBV6–9*ap01

433 sequences assigned
313 (72.3%) exact matches, in which:
312 unique CDR3
12 unique J



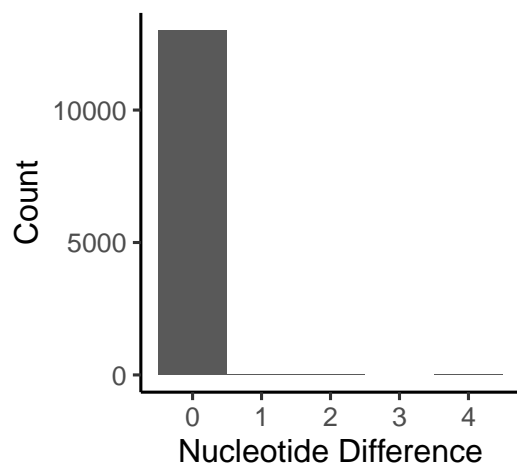
TRBV6–56*ap02

3713 sequences assigned
3214 (86.6%) exact matches, in which:
3213 unique CDR3
12 unique J



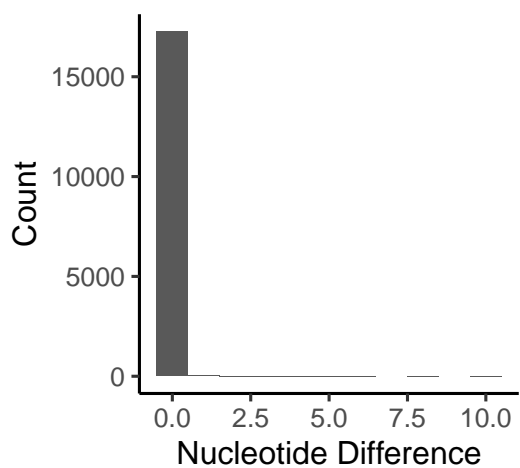
TRBV7–2*ap01

13039 sequences assigned
13017 (99.8%) exact matches, in which:
13017 unique CDR3
13 unique J



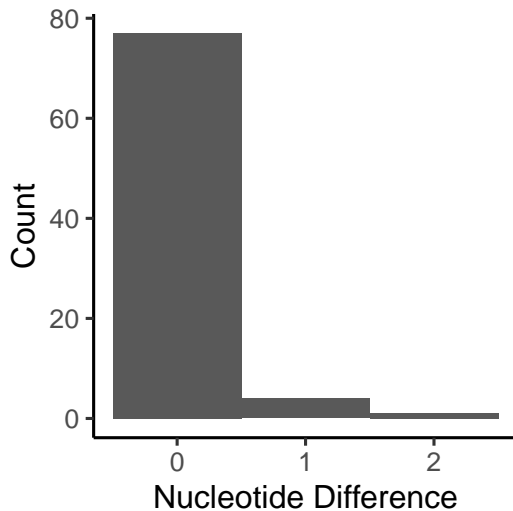
TRBV6–23*ap01

17324 sequences assigned
17267 (99.7%) exact matches, in which:
17255 unique CDR3
13 unique J



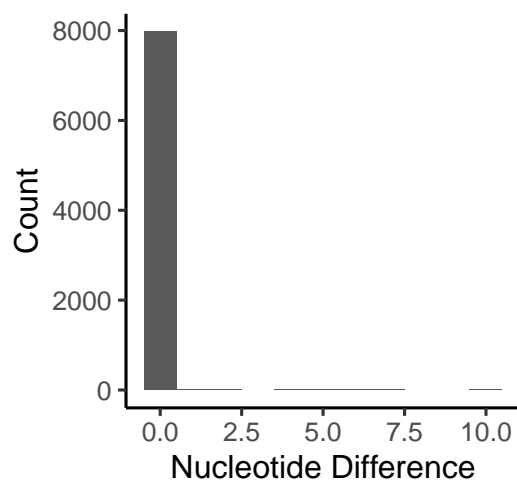
TRBV7–1*ap01_G291C_T

82 sequences assigned
77 (93.9%) exact matches, in which:
77 unique CDR3
11 unique J



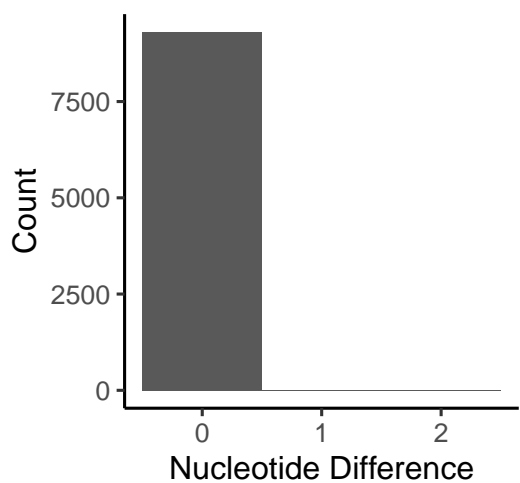
TRBV7–3*ap01

7996 sequences assigned
7974 (99.7%) exact matches, in which:
7971 unique CDR3
13 unique J



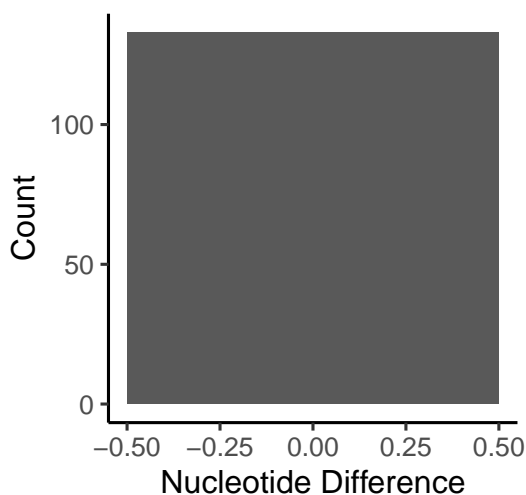
TRBV6–56*ap01

9319 sequences assigned
9305 (99.8%) exact matches, in which:
9300 unique CDR3
13 unique J



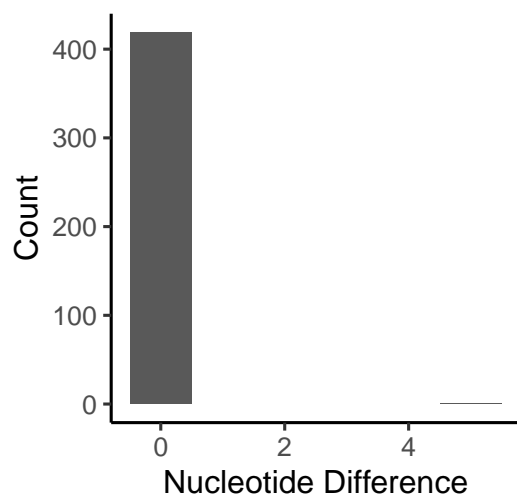
TRBV7–1*ap01_G291C_

133 sequences assigned
133 (100%) exact matches, in which:
133 unique CDR3
11 unique J



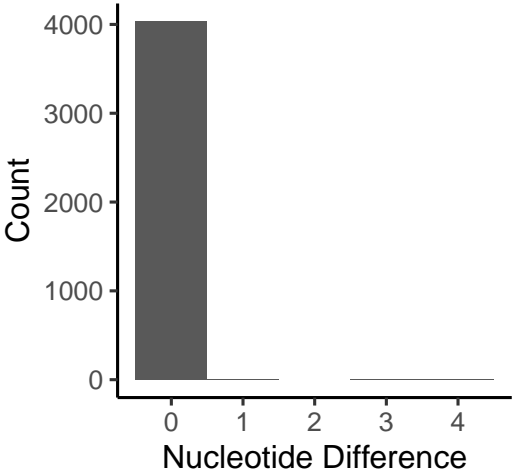
TRBV7–4*ap01

420 sequences assigned
419 (99.8%) exact matches, in which:
419 unique CDR3
12 unique J



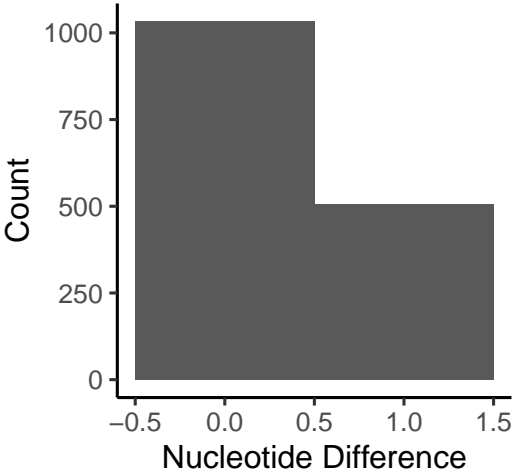
TRBV7-6*ap01

4041 sequences assigned
4034 (99.8%) exact matches, in which:
4034 unique CDR3
13 unique J



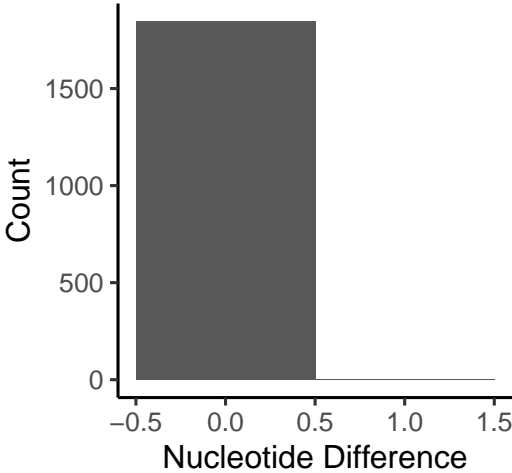
TRBV7-8*ap03

1538 sequences assigned
1033 (67.2%) exact matches, in which:
1033 unique CDR3
12 unique J



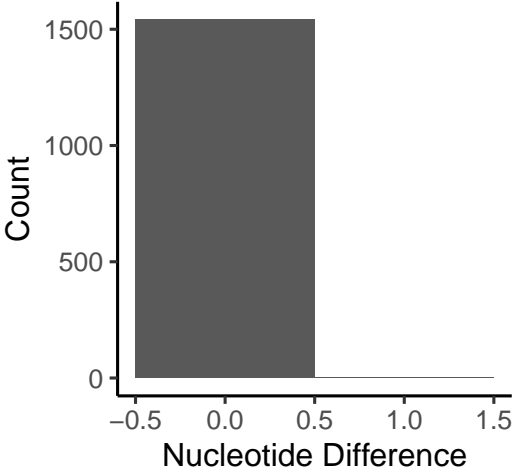
TRBV29-1*ap02

1851 sequences assigned
1846 (99.7%) exact matches, in which:
1842 unique CDR3
12 unique J



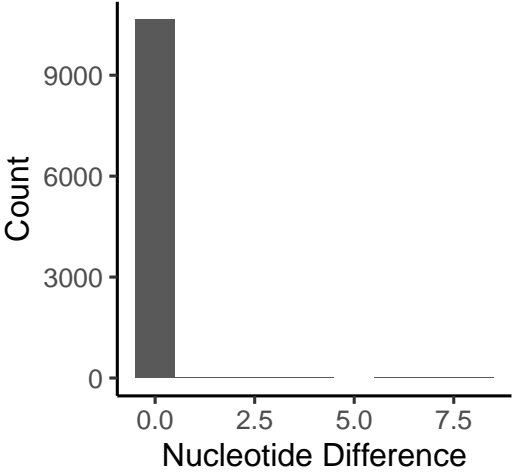
TRBV7-7*ap01

1542 sequences assigned
1541 (99.9%) exact matches, in which:
1541 unique CDR3
12 unique J



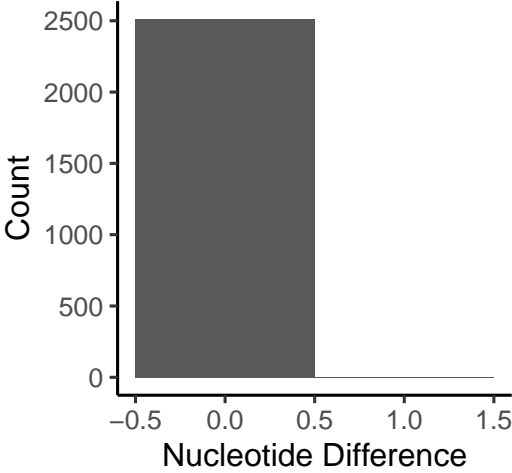
TRBV7-9*ap01

10672 sequences assigned
10650 (99.8%) exact matches, in which:
10648 unique CDR3
12 unique J



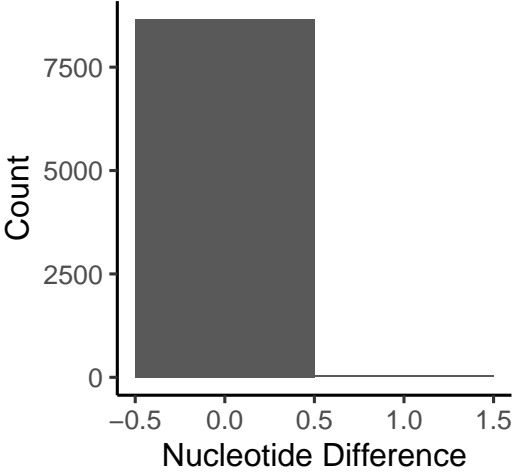
TRBV7-8*ap01

2515 sequences assigned
2512 (99.9%) exact matches, in which:
2512 unique CDR3
12 unique J

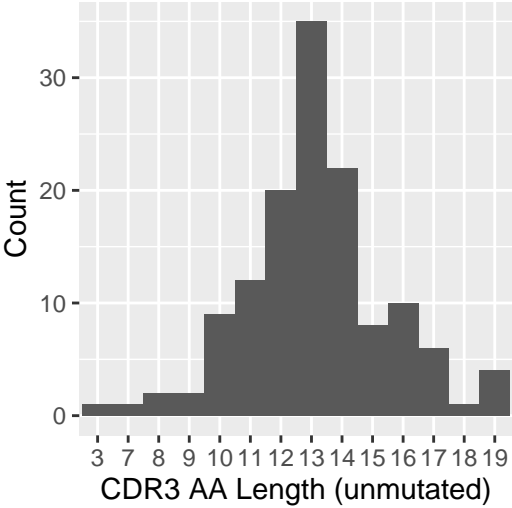


TRBV29-1*ap01

8706 sequences assigned
8663 (99.5%) exact matches, in which:
8643 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C

