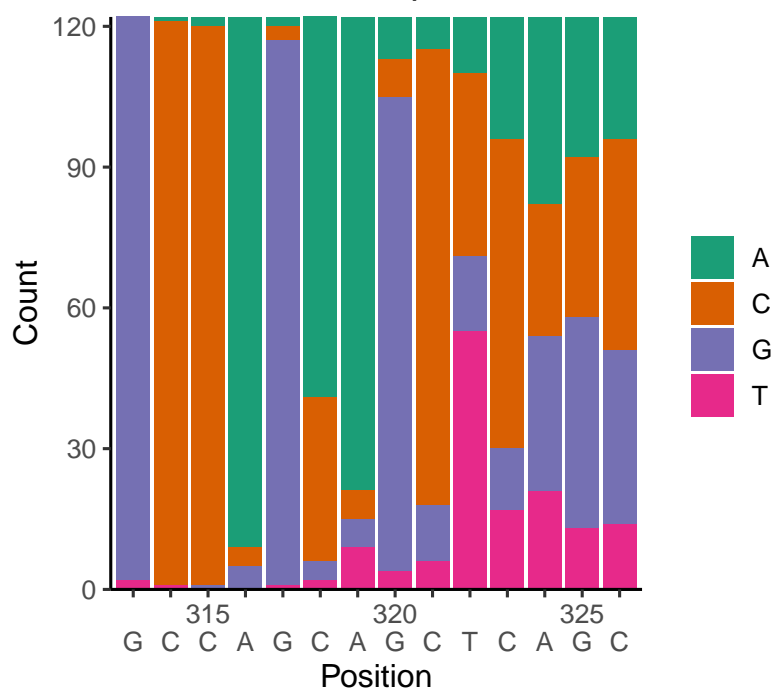
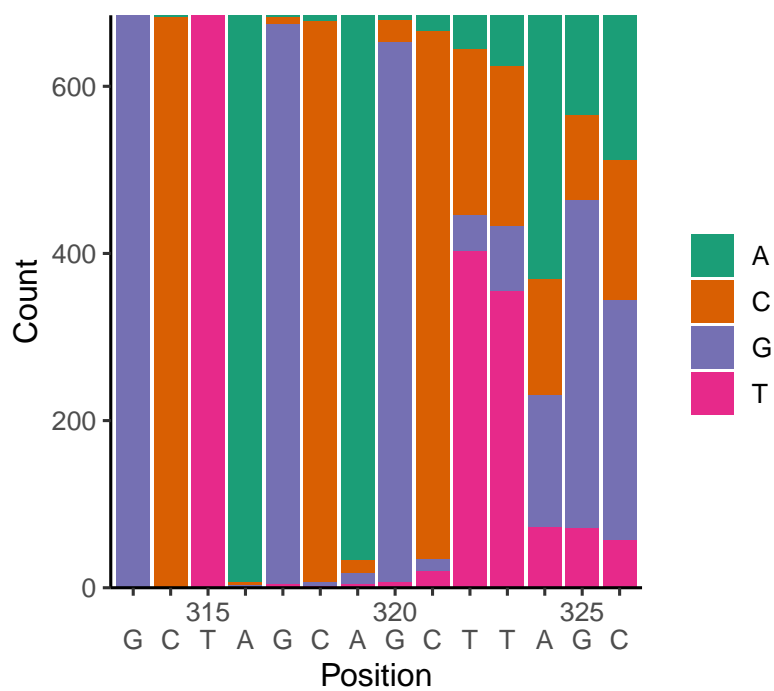


Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



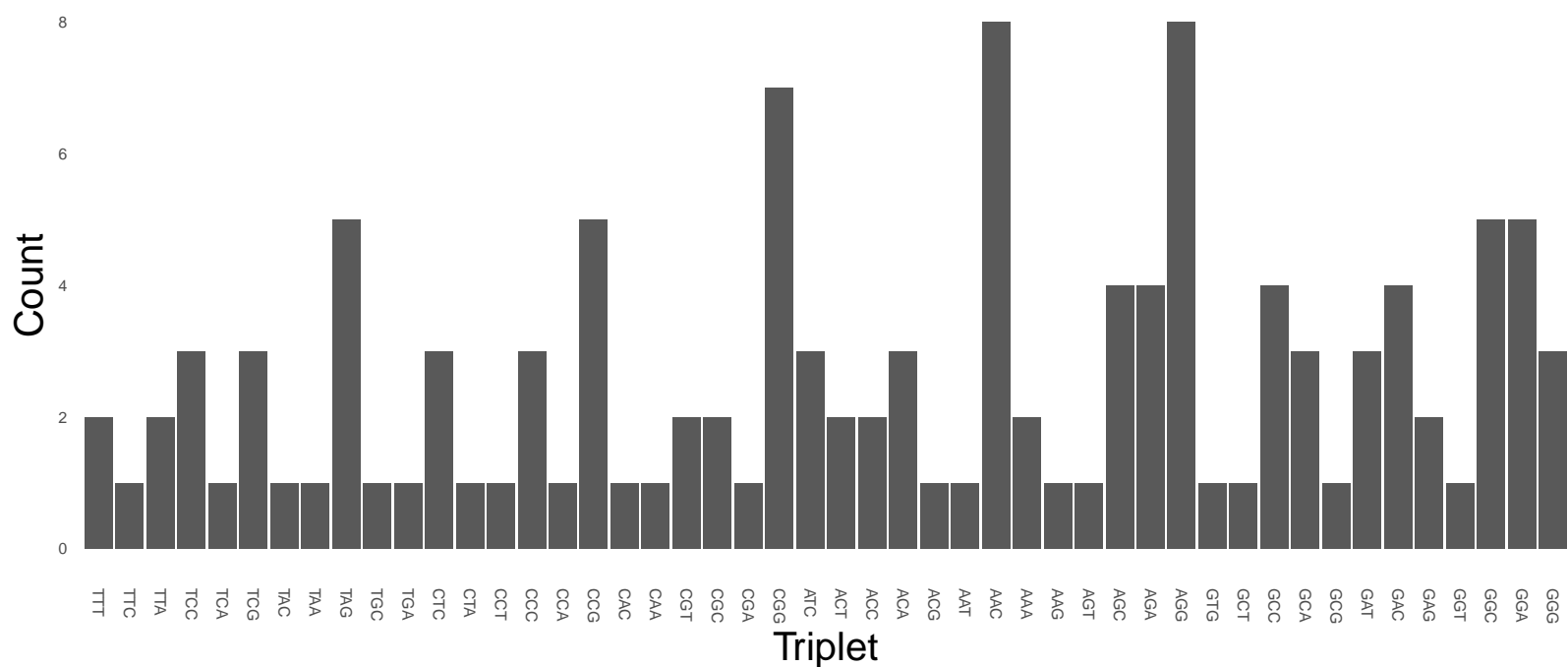
Gene TRBV7-1*ap01_T296C



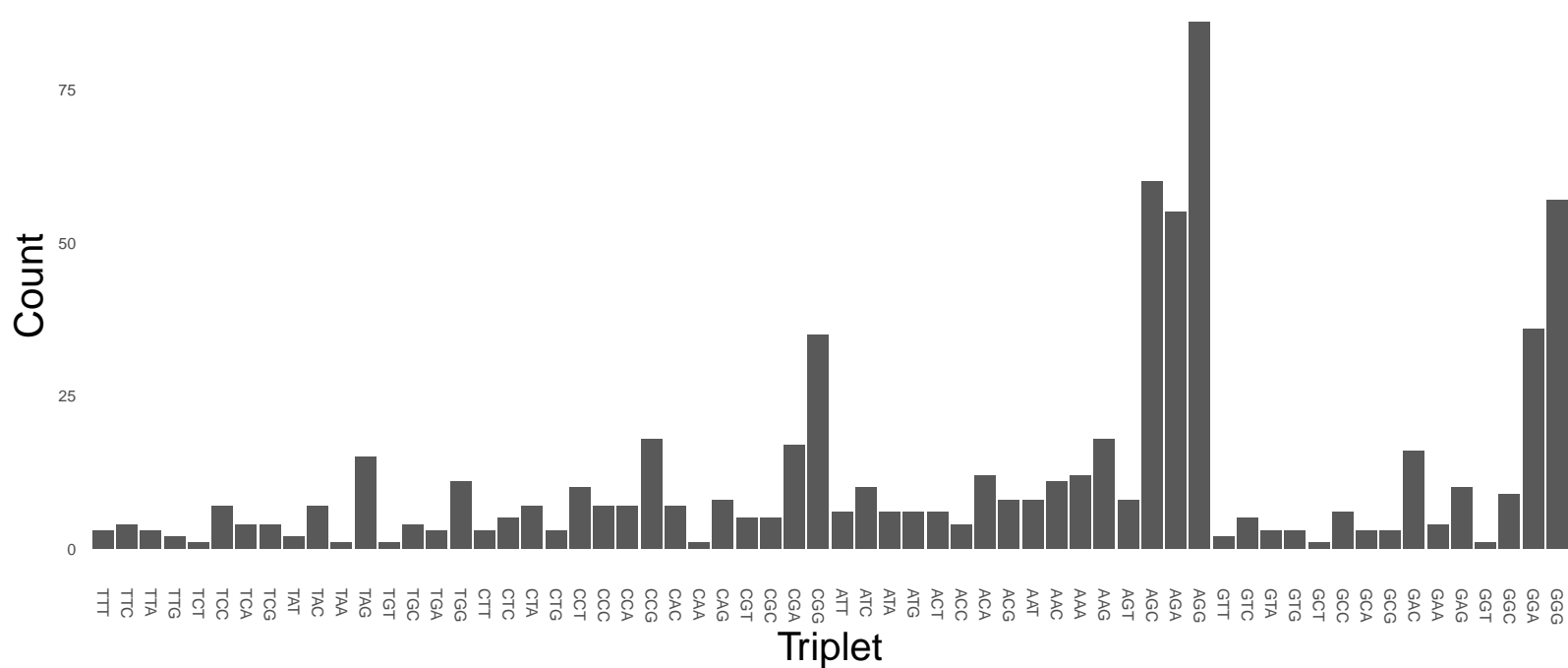
Gene TRBV7-7*ap01_C315T



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

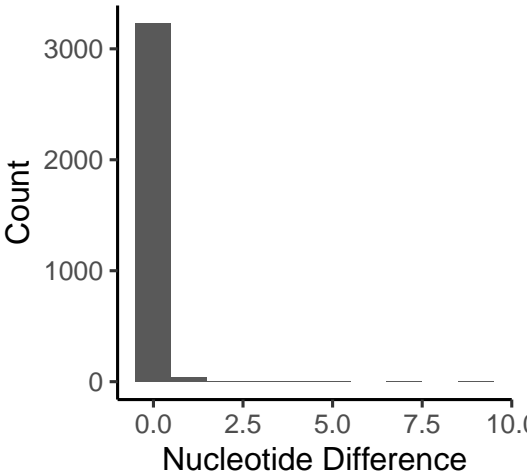


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



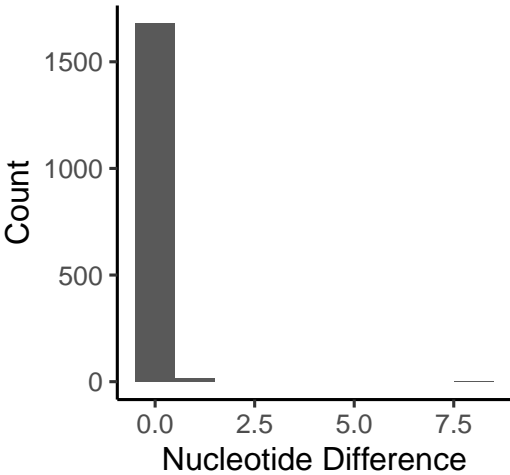
TRBV10-1*ap01

3274 sequences assigned
3229 (98.6%) exact matches, in which:
3174 unique CDR3
13 unique J



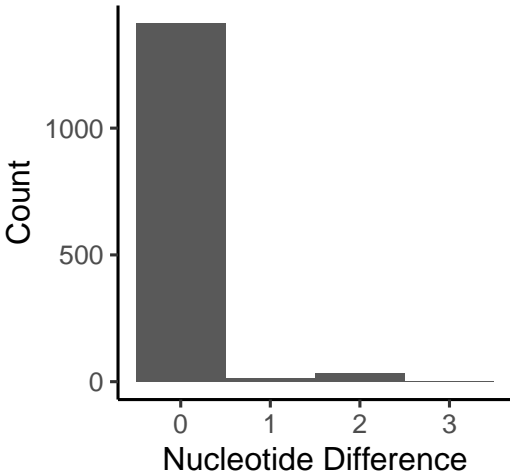
TRBV10-2*ap01

1698 sequences assigned
1680 (98.9%) exact matches, in which:
1661 unique CDR3
13 unique J



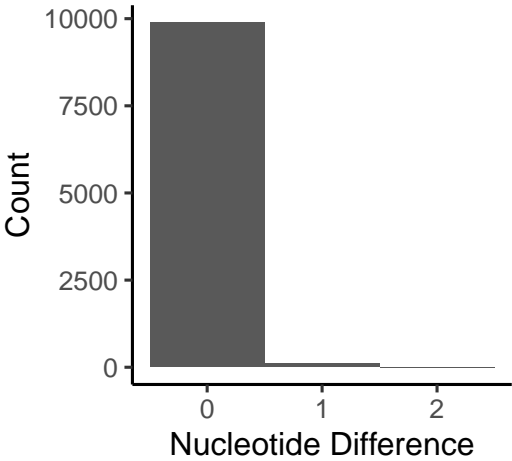
TRBV13*ap01

1462 sequences assigned
1413 (96.6%) exact matches, in which:
1387 unique CDR3
13 unique J



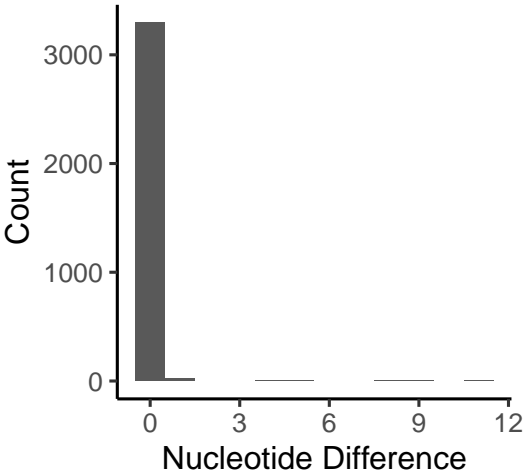
TRBV20-1*ap01

9995 sequences assigned
9891 (99%) exact matches, in which:
9807 unique CDR3
13 unique J



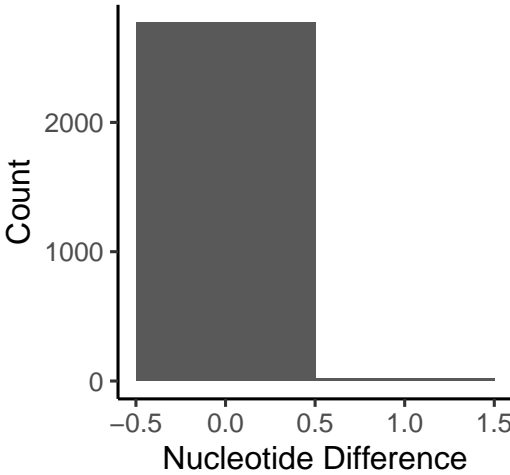
TRBV10-3*ap01

3329 sequences assigned
3295 (99%) exact matches, in which:
3254 unique CDR3
13 unique J



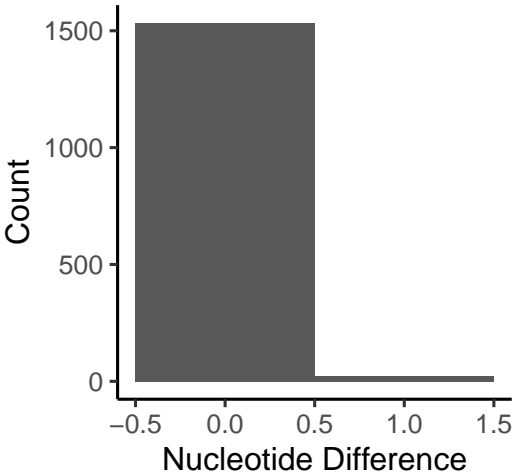
TRBV14*ap01

2792 sequences assigned
2771 (99.2%) exact matches, in which:
2743 unique CDR3
13 unique J



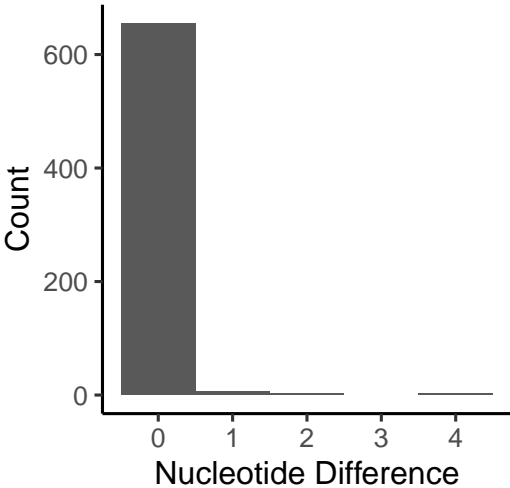
TRBV20-1*ap02

1556 sequences assigned
1533 (98.5%) exact matches, in which:
1520 unique CDR3
13 unique J



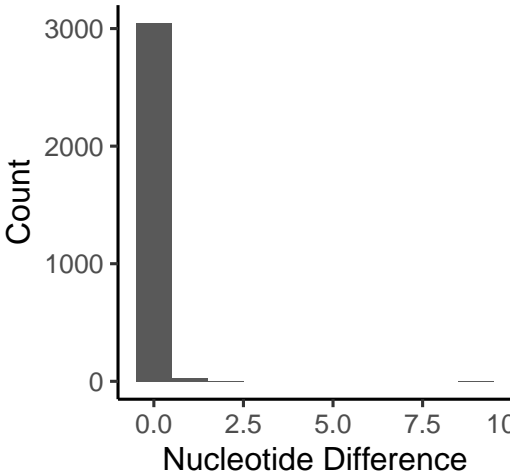
TRBV1*ap01

666 sequences assigned
655 (98.3%) exact matches, in which:
636 unique CDR3
13 unique J



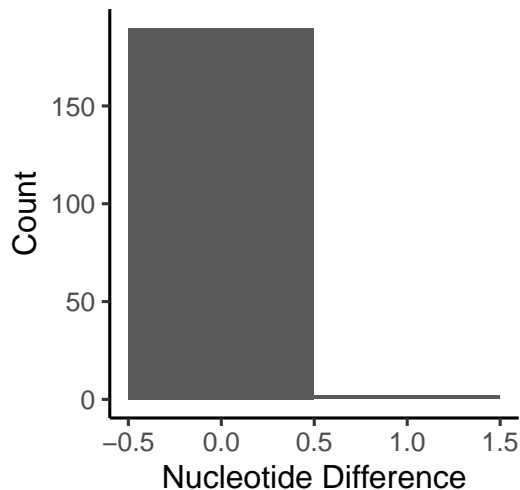
TRBV15*ap02

3078 sequences assigned
3047 (99%) exact matches, in which:
3016 unique CDR3
13 unique J



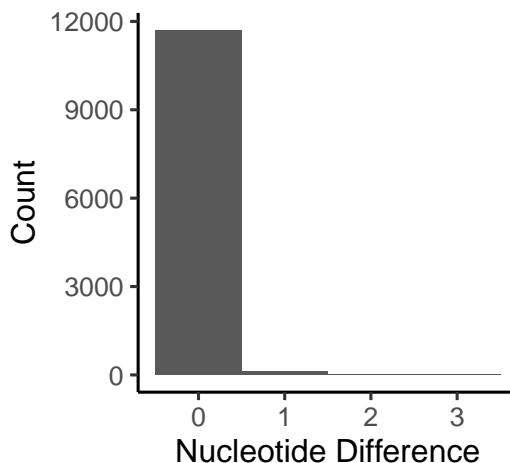
TRBV16*ap01

192 sequences assigned
190 (99%) exact matches, in which:
189 unique CDR3
13 unique J



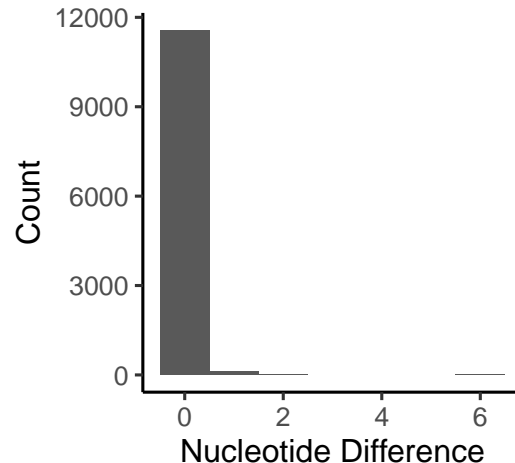
TRBV2*ap01

11834 sequences assigned
11703 (98.9%) exact matches, in which:
11543 unique CDR3
14 unique J



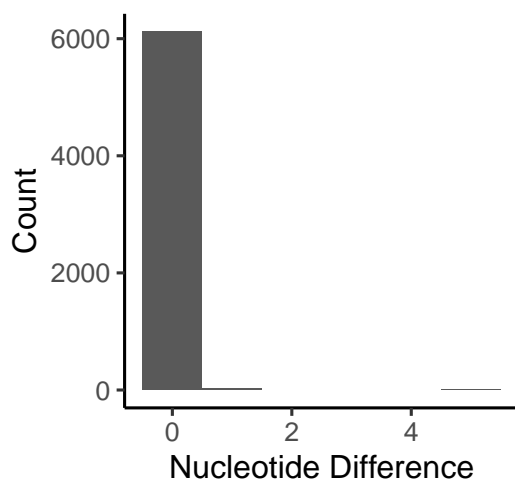
TRBV28*ap01

11677 sequences assigned
11570 (99.1%) exact matches, in which:
11459 unique CDR3
13 unique J



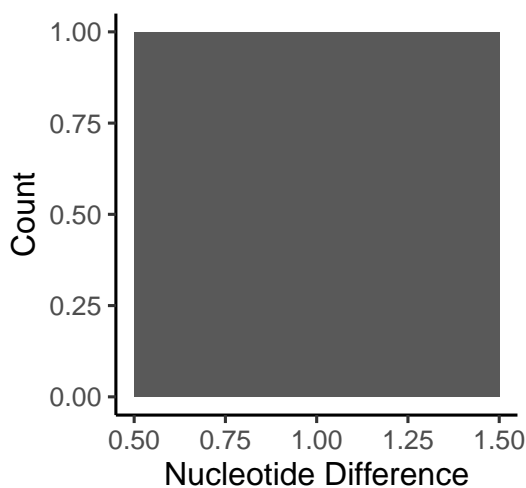
TRBV18*ap01

6151 sequences assigned
6119 (99.5%) exact matches, in which:
6085 unique CDR3
13 unique J



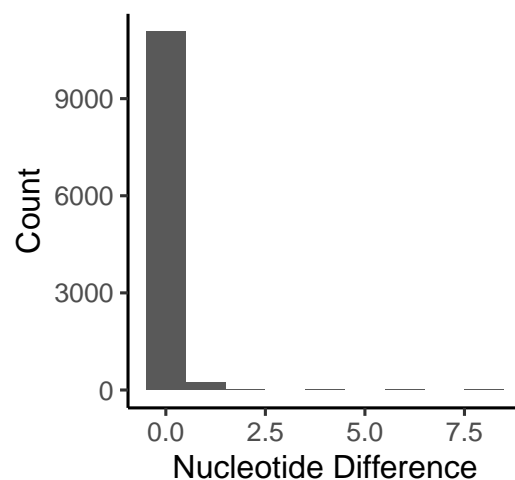
TRBV26*ap01

1 sequences assigned
No exact matches.



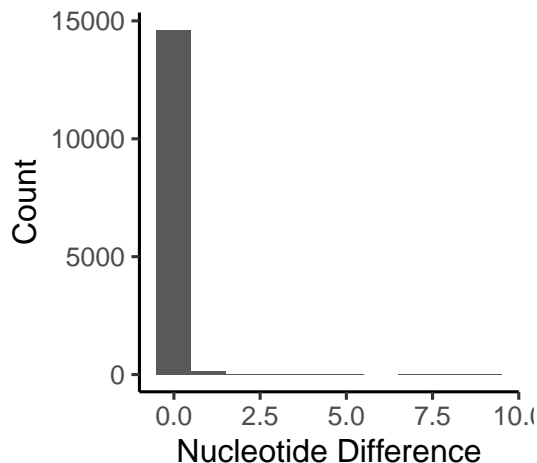
TRBV30*ap01

11310 sequences assigned
11067 (97.9%) exact matches, in which:
10832 unique CDR3
13 unique J



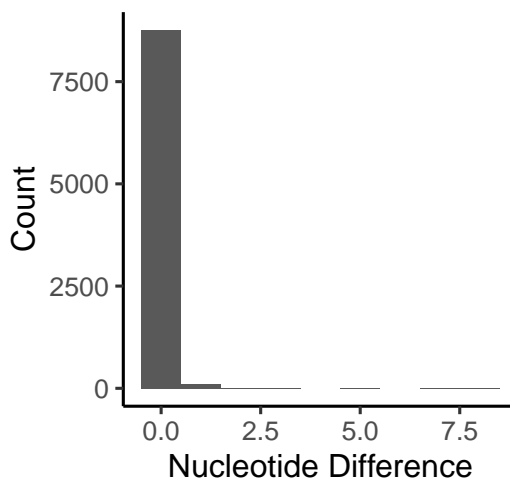
TRBV19*ap01

14778 sequences assigned
14622 (98.9%) exact matches, in which:
14558 unique CDR3
13 unique J



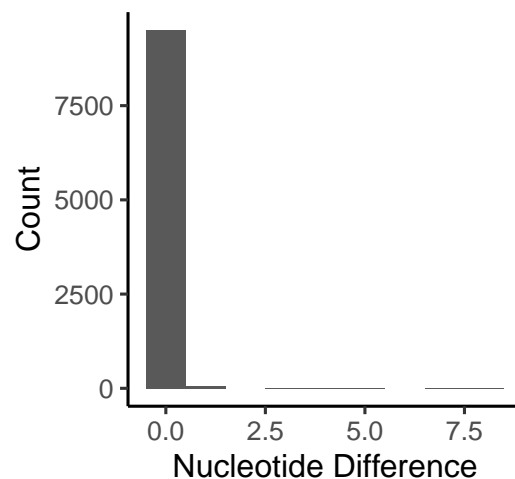
TRBV27*ap01

8884 sequences assigned
8762 (98.6%) exact matches, in which:
8654 unique CDR3
13 unique J



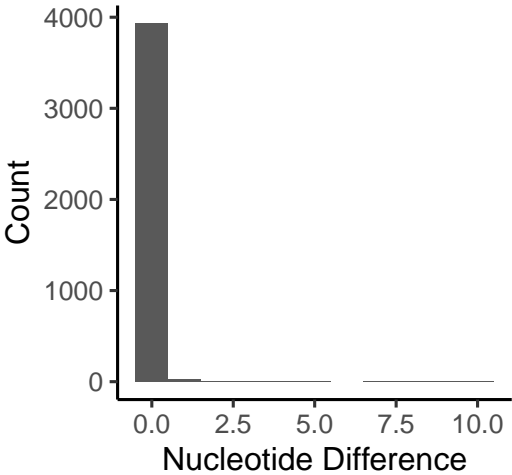
TRBV9*ap01

9578 sequences assigned
9506 (99.2%) exact matches, in which:
9424 unique CDR3
13 unique J



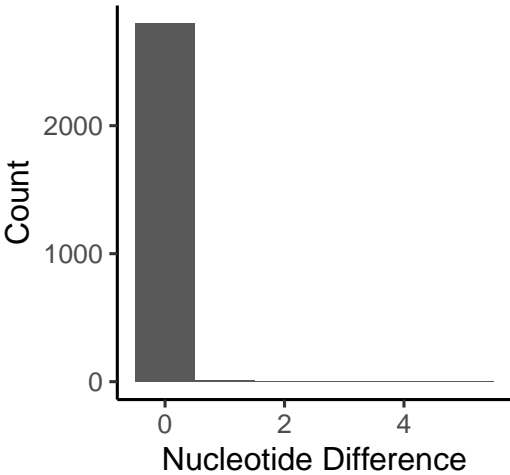
TRBV21-1*ap01

3984 sequences assigned
3932 (98.7%) exact matches, in which:
3905 unique CDR3
13 unique J



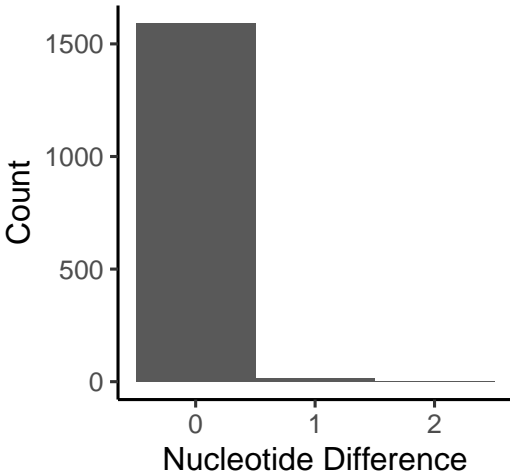
TRBV11-3*ap01

2819 sequences assigned
2799 (99.3%) exact matches, in which:
2784 unique CDR3
13 unique J



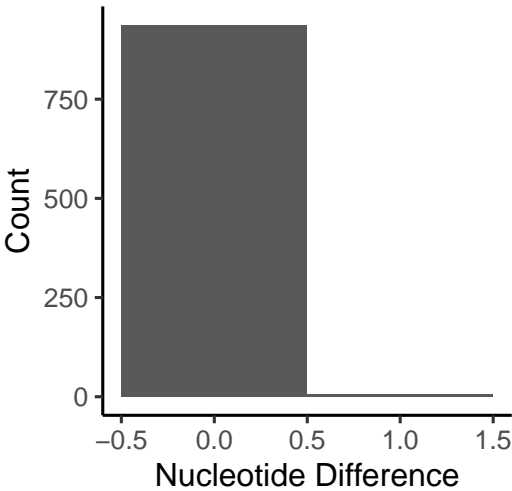
TRBV12-5*ap01

1606 sequences assigned
1591 (99.1%) exact matches, in which:
1576 unique CDR3
13 unique J



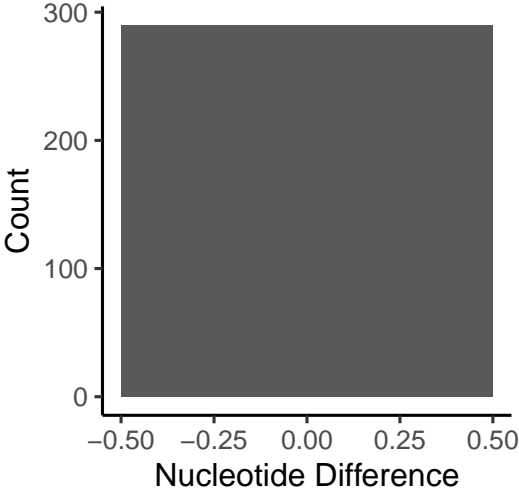
TRBV11-1*ap01

943 sequences assigned
937 (99.4%) exact matches, in which:
928 unique CDR3
13 unique J



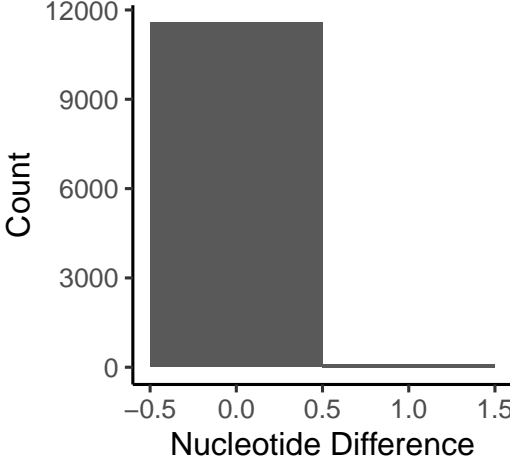
TRBV12-1*ap01

290 sequences assigned
290 (100%) exact matches, in which:
287 unique CDR3
13 unique J



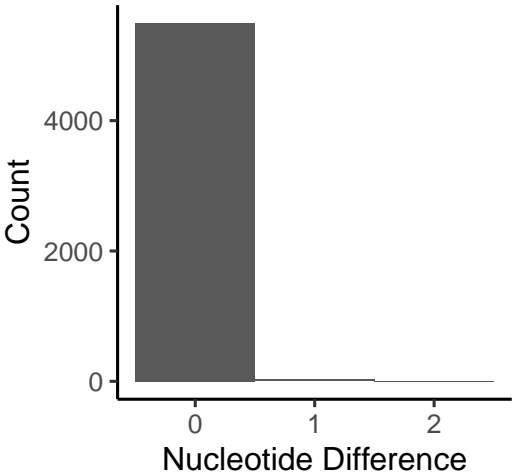
TRBV12-34*ap01

11693 sequences assigned
11580 (99%) exact matches, in which:
11437 unique CDR3
14 unique J



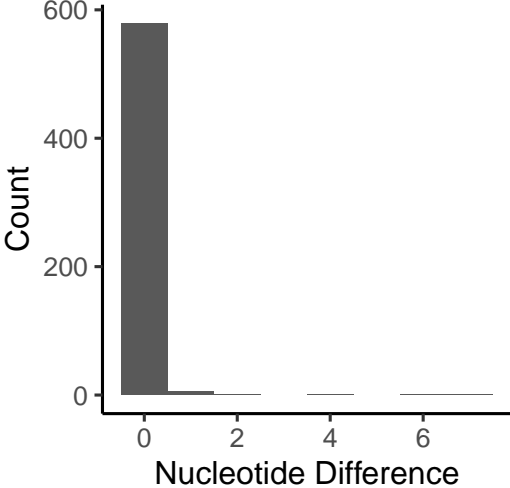
TRBV11-2*ap01

5528 sequences assigned
5497 (99.4%) exact matches, in which:
5451 unique CDR3
13 unique J



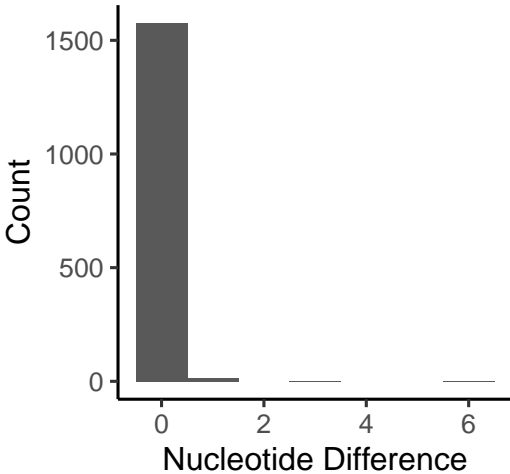
TRBV12-2*ap01

589 sequences assigned
579 (98.3%) exact matches, in which:
577 unique CDR3
13 unique J



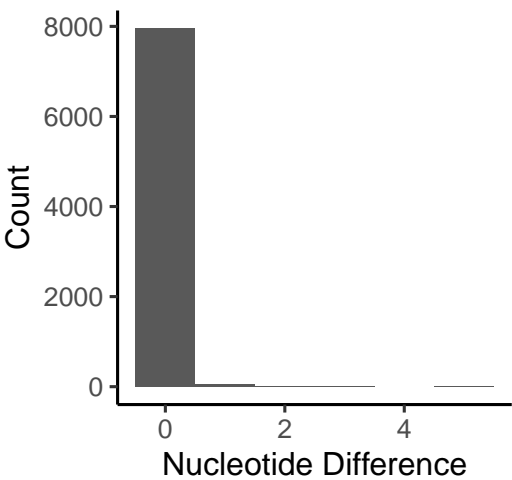
TRBV23-1*ap01

1594 sequences assigned
1576 (98.9%) exact matches, in which:
1568 unique CDR3
13 unique J



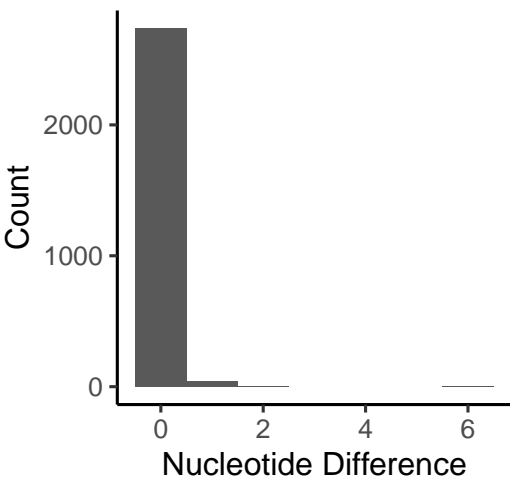
TRBV3-12*ap01

8024 sequences assigned
7955 (99.1%) exact matches, in which:
7904 unique CDR3
13 unique J



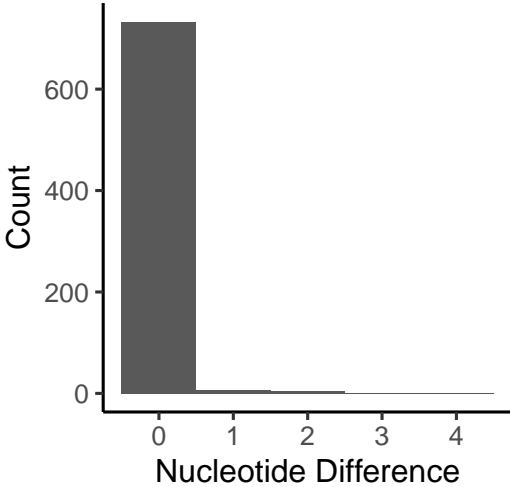
TRBV4-2*ap01

2783 sequences assigned
2737 (98.3%) exact matches, in which:
2695 unique CDR3
13 unique J



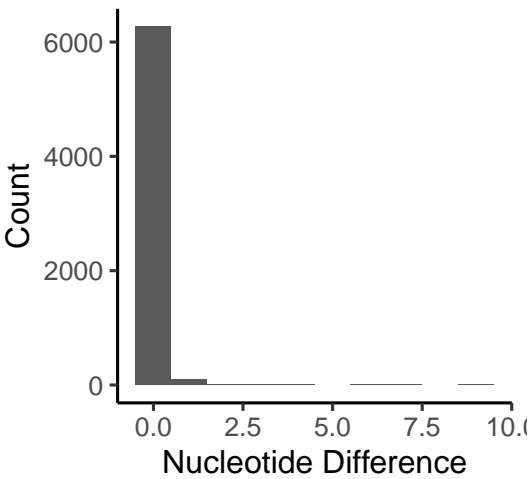
TRBV5-3*ap01

746 sequences assigned
733 (98.3%) exact matches, in which:
725 unique CDR3
13 unique J



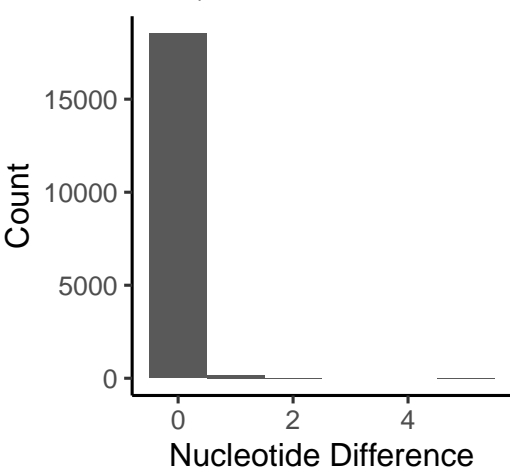
TRBV24-1*ap01

6371 sequences assigned
6268 (98.4%) exact matches, in which:
6178 unique CDR3
13 unique J



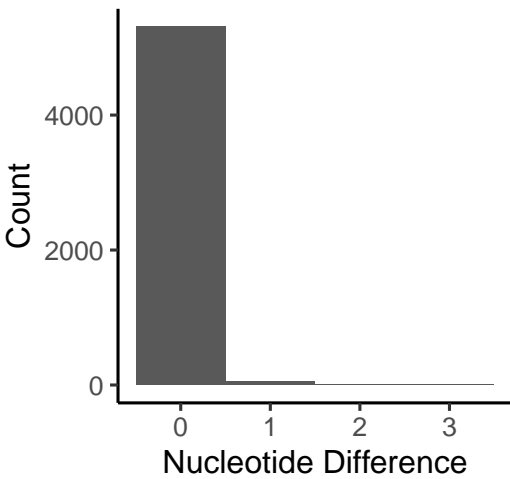
TRBV5-1*ap01

18705 sequences assigned
18533 (99.1%) exact matches, in which:
18259 unique CDR3
13 unique J



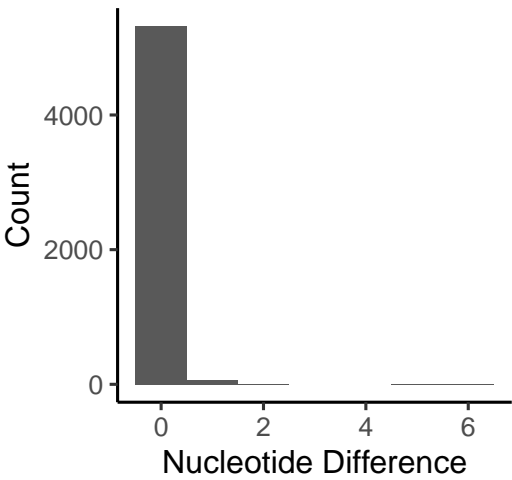
TRBV5-4*ap01

5366 sequences assigned
5309 (98.9%) exact matches, in which:
5241 unique CDR3
13 unique J



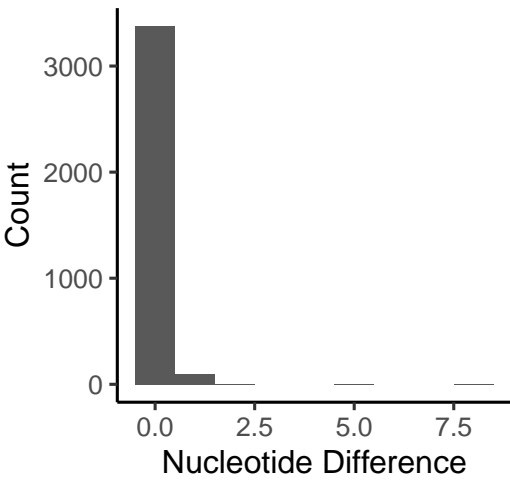
TRBV4-1*ap01

5393 sequences assigned
5321 (98.7%) exact matches, in which:
5243 unique CDR3
13 unique J



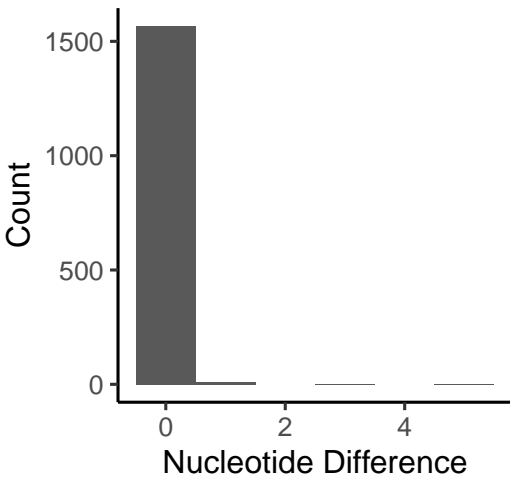
TRBV25-1*ap01

3479 sequences assigned
3377 (97.1%) exact matches, in which:
3306 unique CDR3
13 unique J



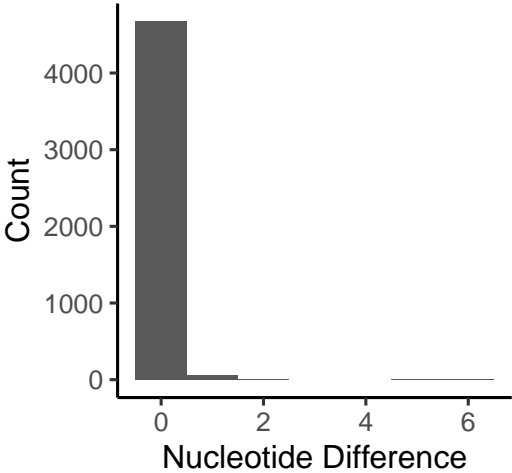
TRBV5-5*ap01

1578 sequences assigned
1567 (99.3%) exact matches, in which:
1559 unique CDR3
13 unique J



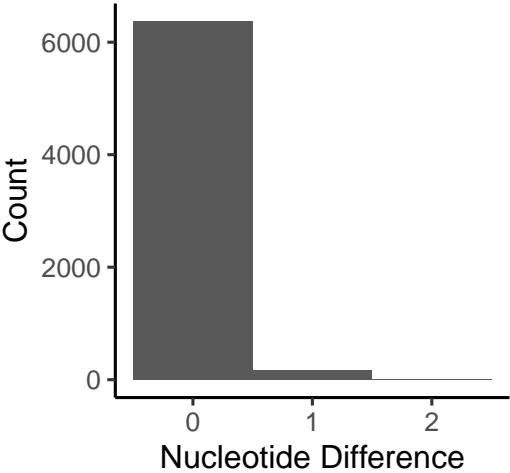
TRBV5-6*ap01

4737 sequences assigned
4673 (98.6%) exact matches, in which:
4580 unique CDR3
13 unique J



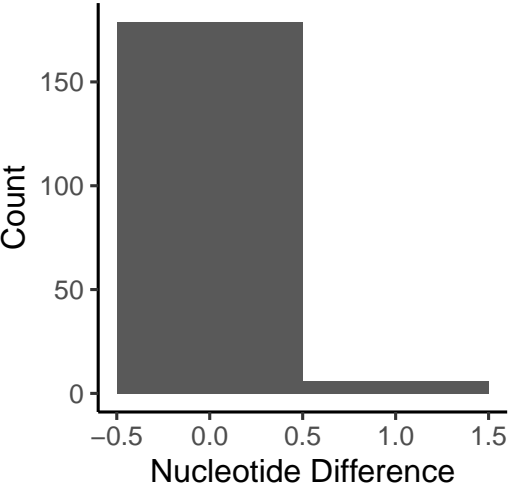
TRBV6-1*ap01

6540 sequences assigned
6370 (97.4%) exact matches, in which:
6257 unique CDR3
13 unique J



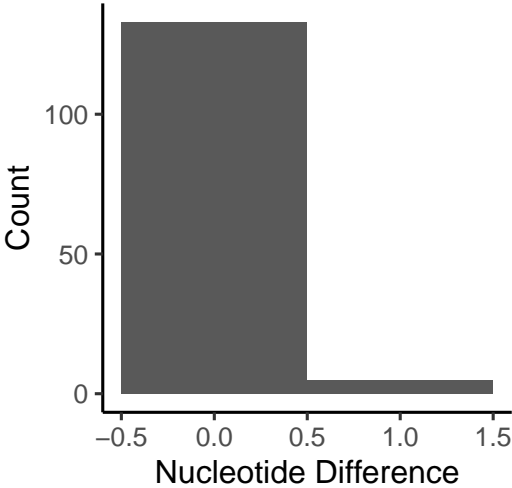
TRBV6-8*ap01

185 sequences assigned
179 (96.8%) exact matches, in which:
178 unique CDR3
13 unique J



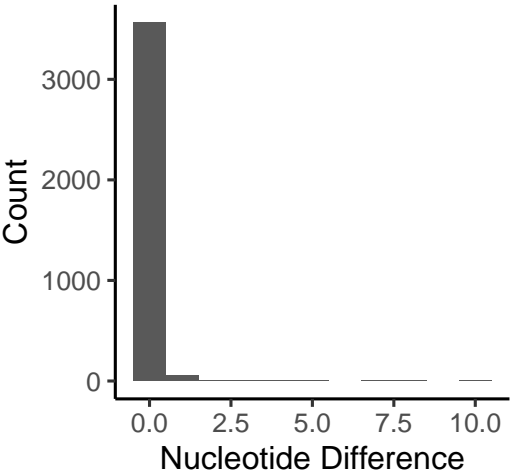
TRBV5-7*ap01

138 sequences assigned
133 (96.4%) exact matches, in which:
129 unique CDR3
13 unique J



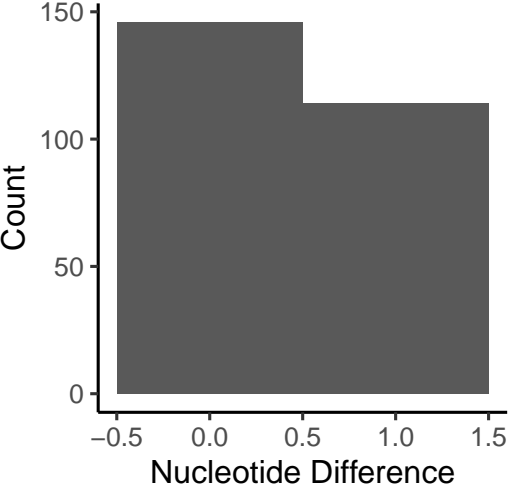
TRBV6-4*ap01

3630 sequences assigned
3563 (98.2%) exact matches, in which:
3524 unique CDR3
13 unique J



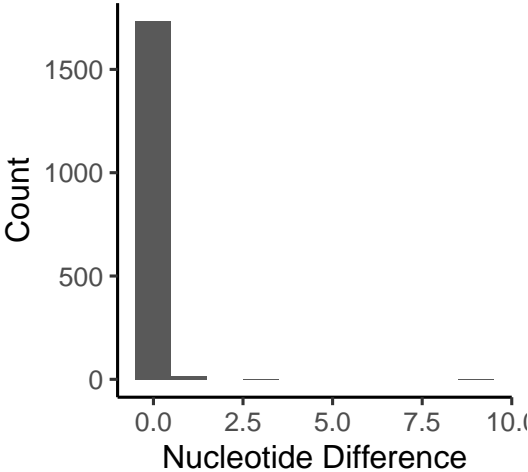
TRBV6-9*ap01

260 sequences assigned
146 (56.2%) exact matches, in which:
145 unique CDR3
13 unique J



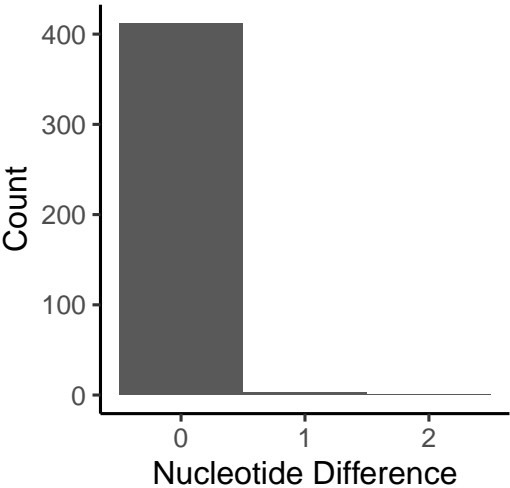
TRBV5-8*ap01

1753 sequences assigned
1734 (98.9%) exact matches, in which:
1718 unique CDR3
13 unique J



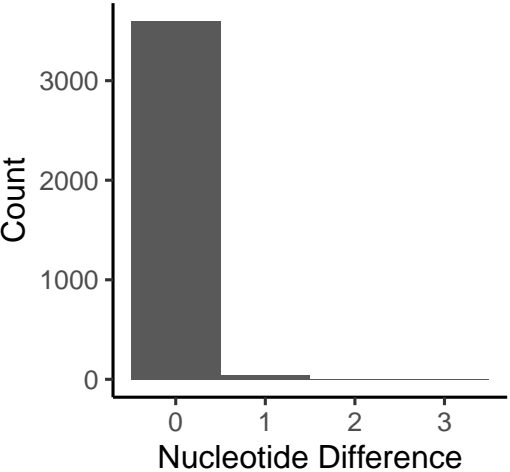
TRBV6-7*ap01

416 sequences assigned
412 (99%) exact matches, in which:
402 unique CDR3
13 unique J



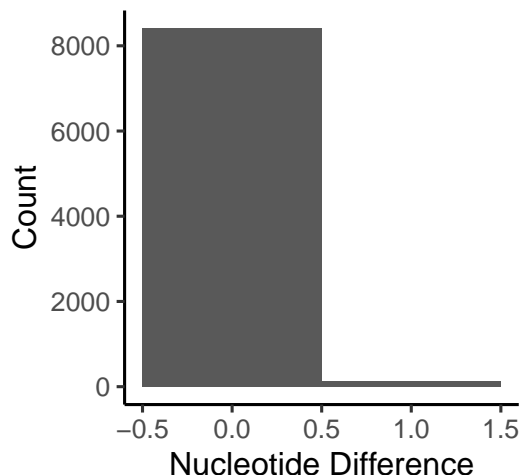
TRBV6-23*ap01

3648 sequences assigned
3599 (98.7%) exact matches, in which:
3516 unique CDR3
13 unique J



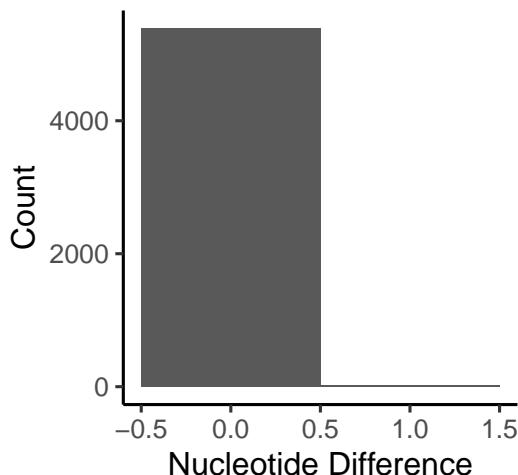
TRBV6-56*ap01

8527 sequences assigned
8408 (98.6%) exact matches, in which:
8229 unique CDR3
13 unique J



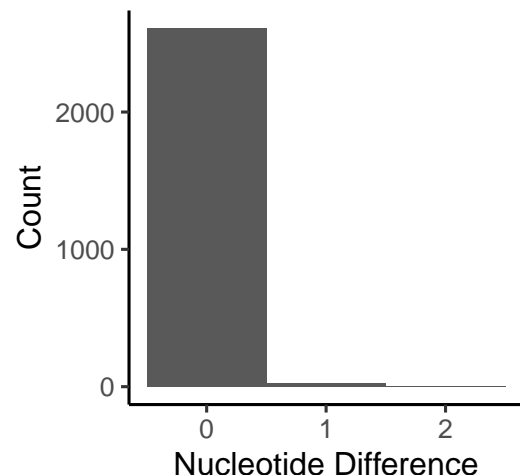
TRBV7-2*ap01

5418 sequences assigned
5389 (99.5%) exact matches, in which:
5343 unique CDR3
13 unique J



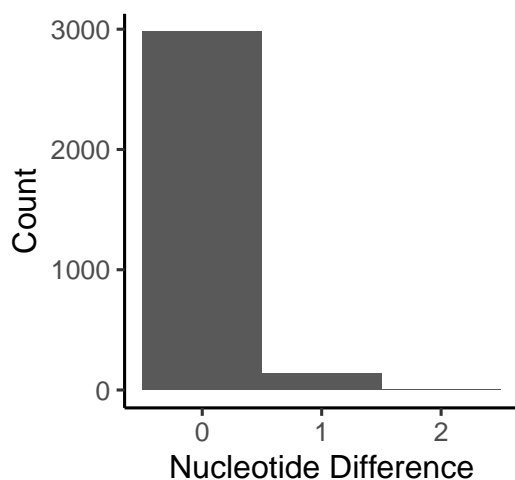
TRBV7-6*ap01

2633 sequences assigned
2609 (99.1%) exact matches, in which:
2582 unique CDR3
13 unique J



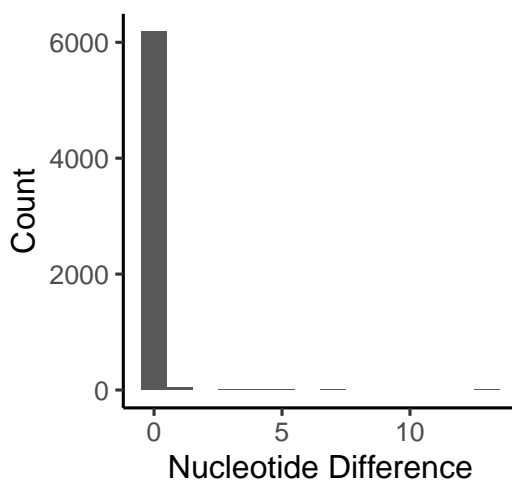
TRBV6-56*ap02

3115 sequences assigned
2979 (95.6%) exact matches, in which:
2912 unique CDR3
13 unique J



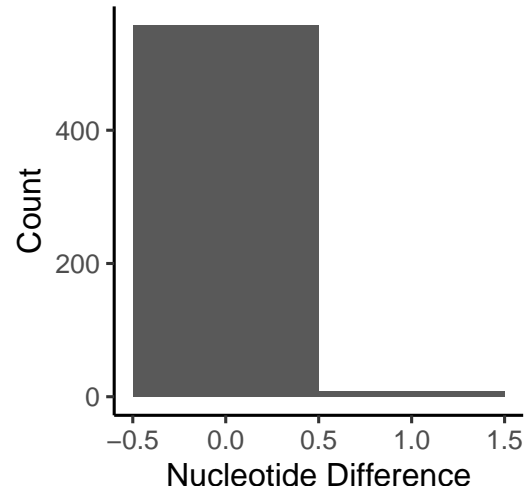
TRBV7-3*ap01

6224 sequences assigned
6183 (99.3%) exact matches, in which:
6127 unique CDR3
13 unique J



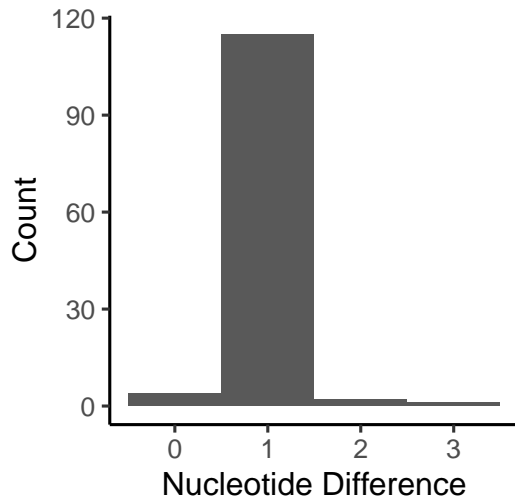
TRBV7-7*ap01

566 sequences assigned
558 (98.6%) exact matches, in which:
552 unique CDR3
13 unique J



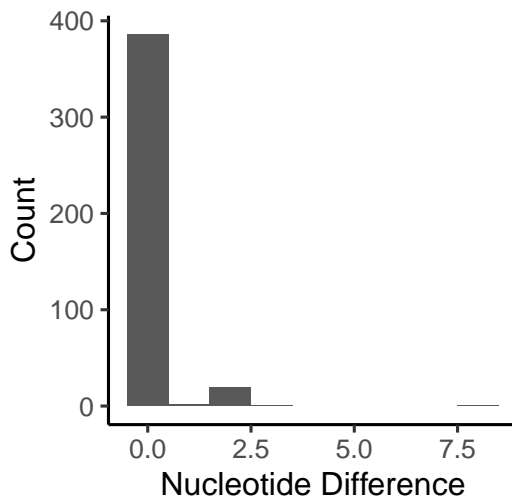
TRBV7-1*ap01_T296C

122 sequences assigned
4 (3.3%) exact matches, in which:
4 unique CDR3
4 unique J



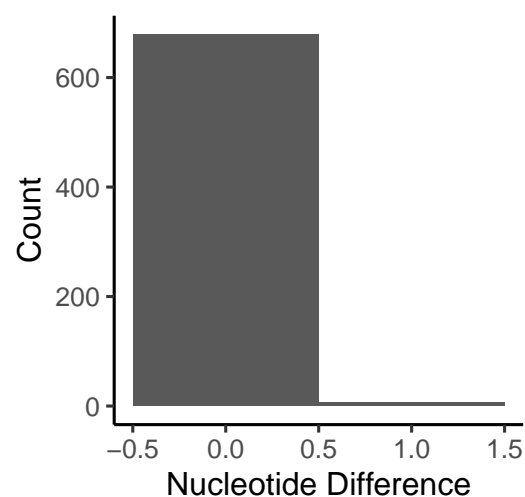
TRBV7-4*ap01

409 sequences assigned
386 (94.4%) exact matches, in which:
383 unique CDR3
13 unique J



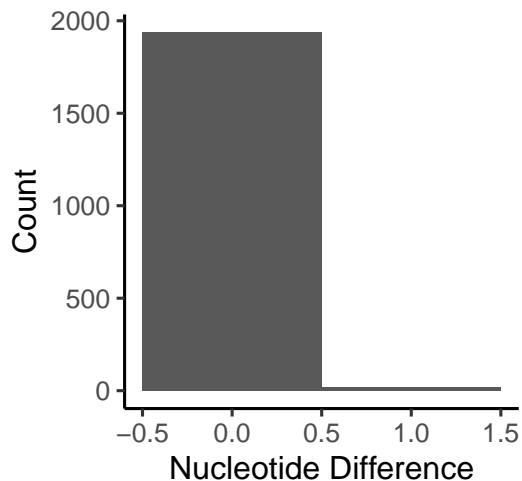
TRBV7-7*ap01_C315T

685 sequences assigned
679 (99.1%) exact matches, in which:
674 unique CDR3
13 unique J



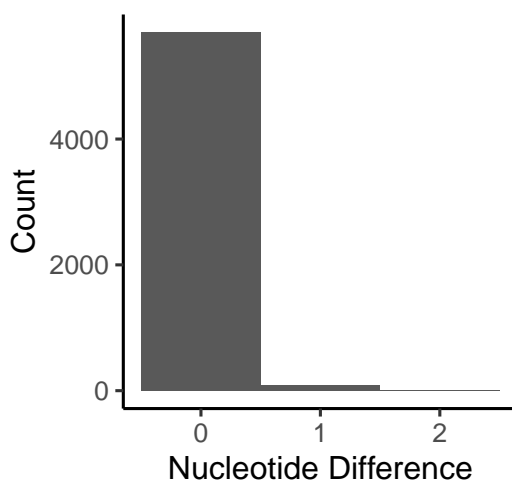
TRBV7-8*ap01

1955 sequences assigned
1937 (99.1%) exact matches, in which:
1922 unique CDR3
13 unique J



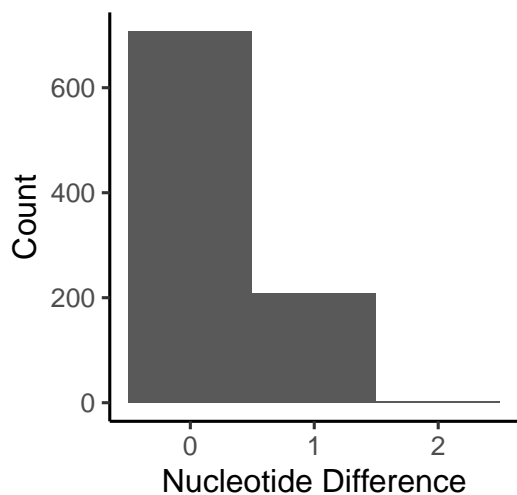
TRBV29-1*ap01

5793 sequences assigned
5695 (98.3%) exact matches, in which:
5553 unique CDR3
13 unique J



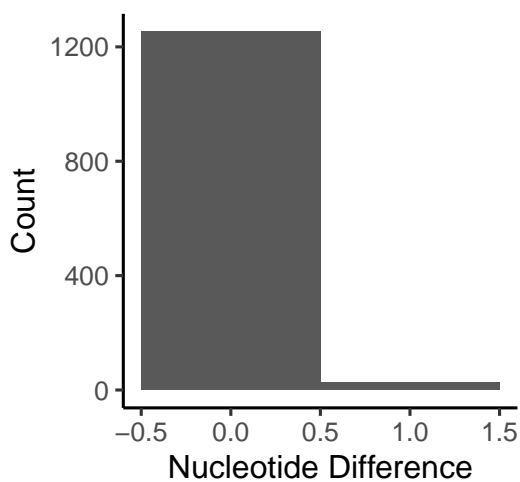
TRBV7-8*ap03

919 sequences assigned
708 (77%) exact matches, in which:
702 unique CDR3
13 unique J



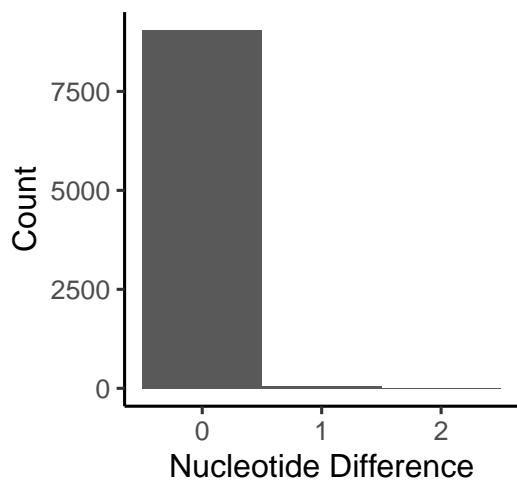
TRBV29-1*ap02

1280 sequences assigned
1253 (97.9%) exact matches, in which:
1231 unique CDR3
13 unique J

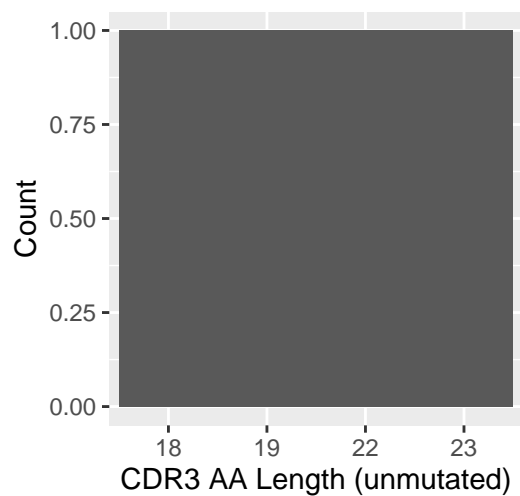


TRBV7-9*ap01

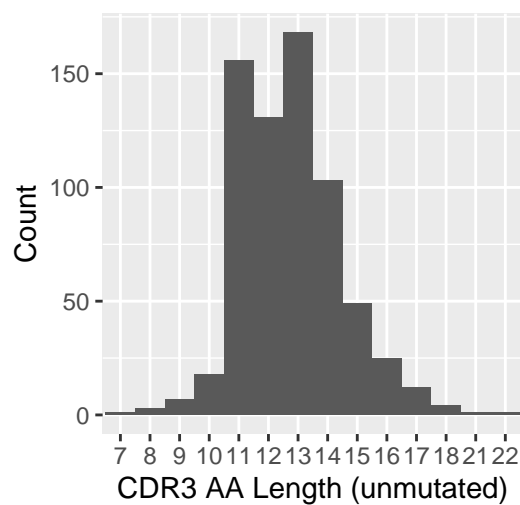
9102 sequences assigned
9050 (99.4%) exact matches, in which:
8949 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.