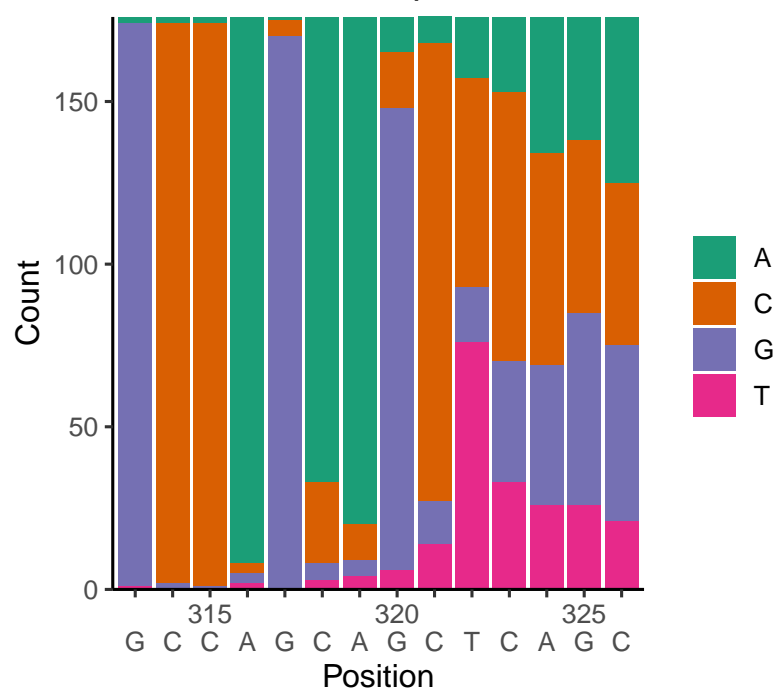
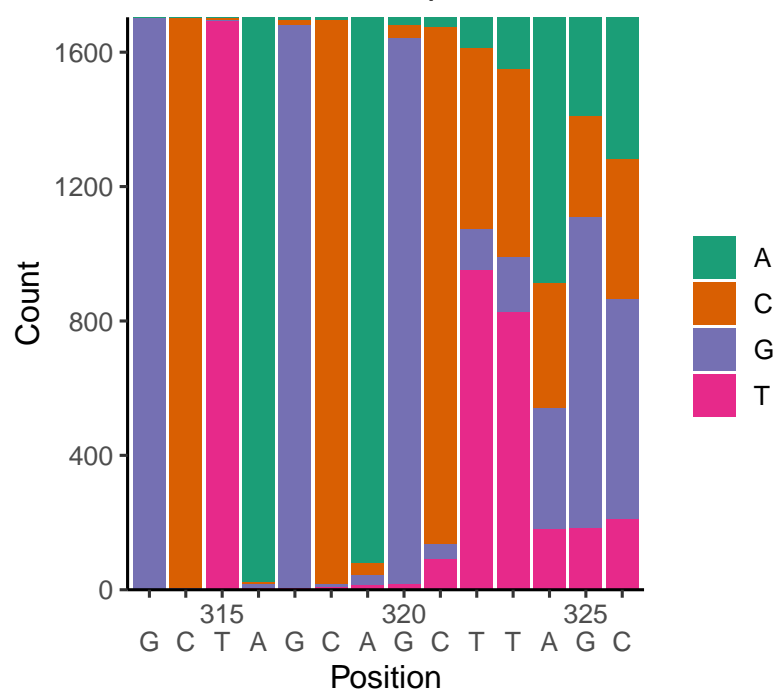


Gene TRBV7-1*ap01_T296C



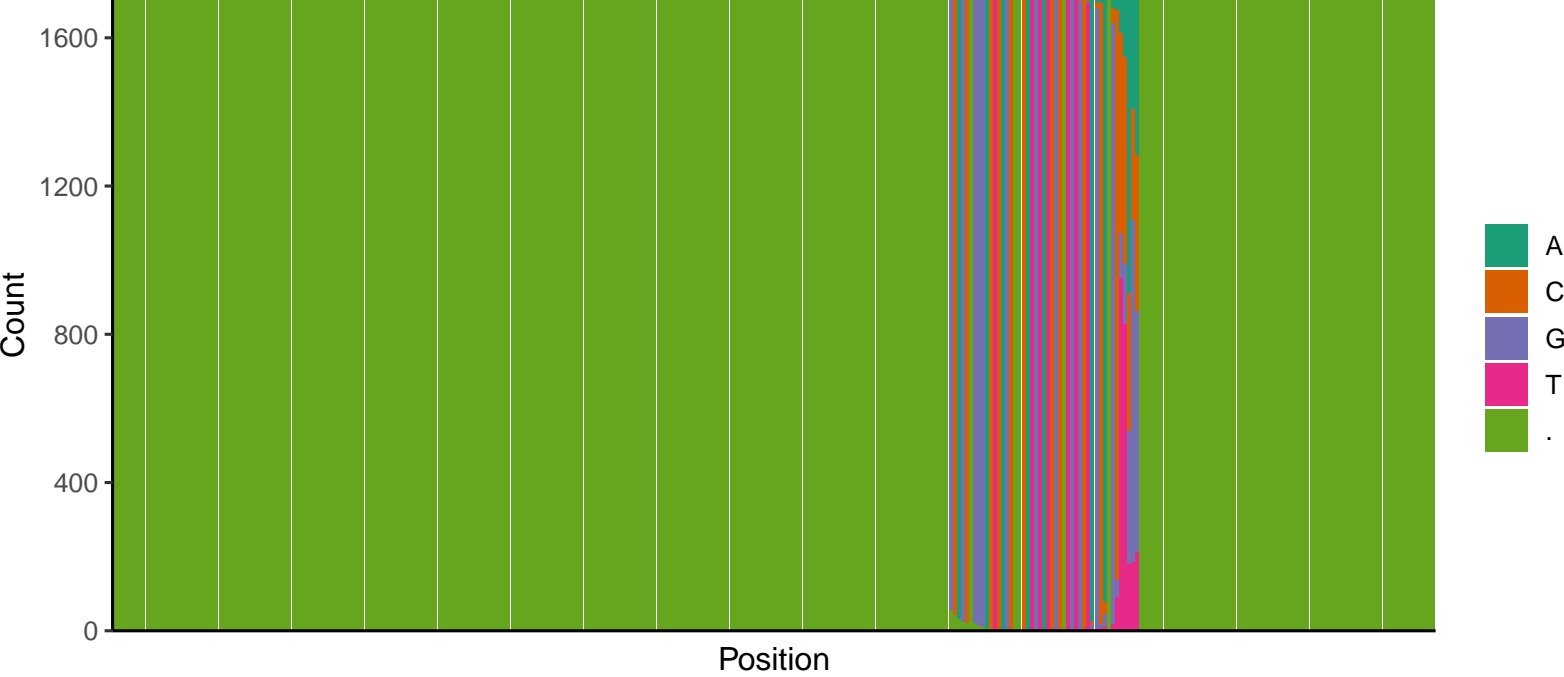
Gene TRBV7-7*ap01_C315T



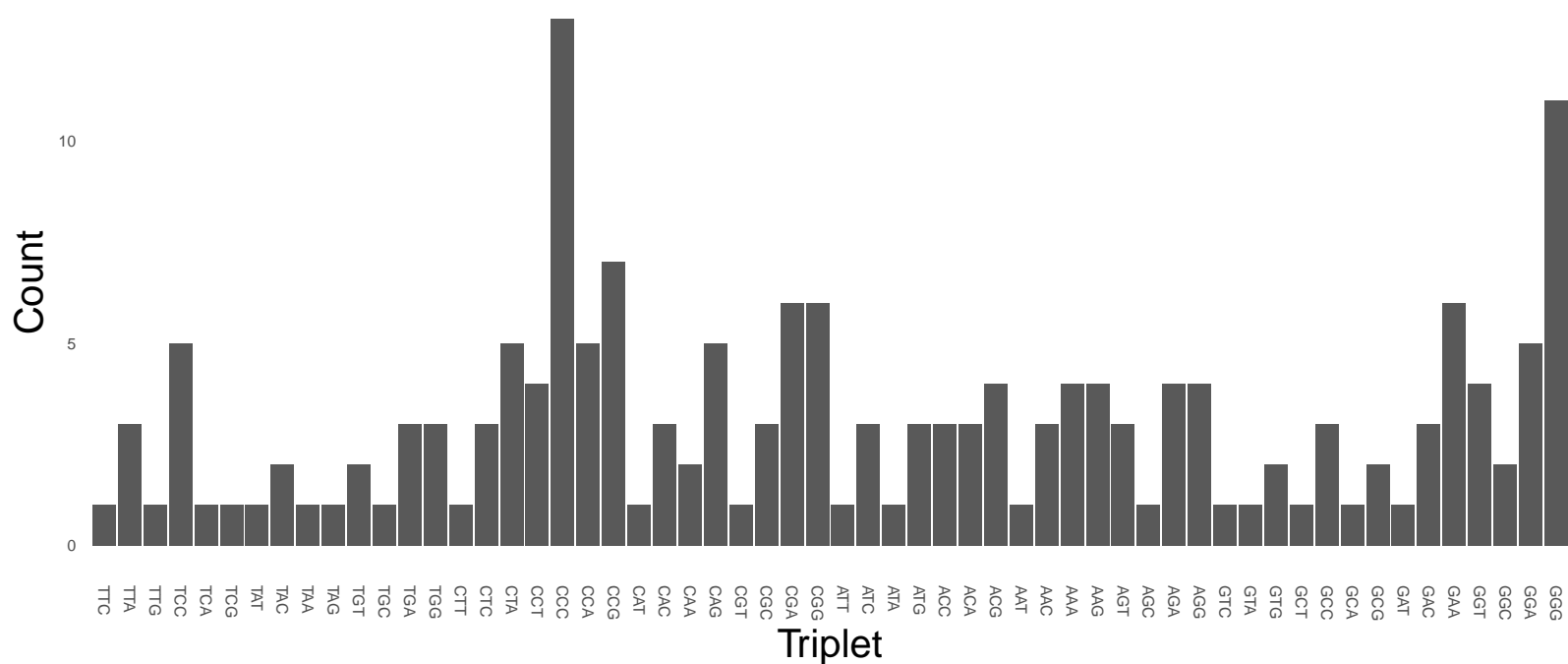
Gene TRBV7-1*ap01_T296C



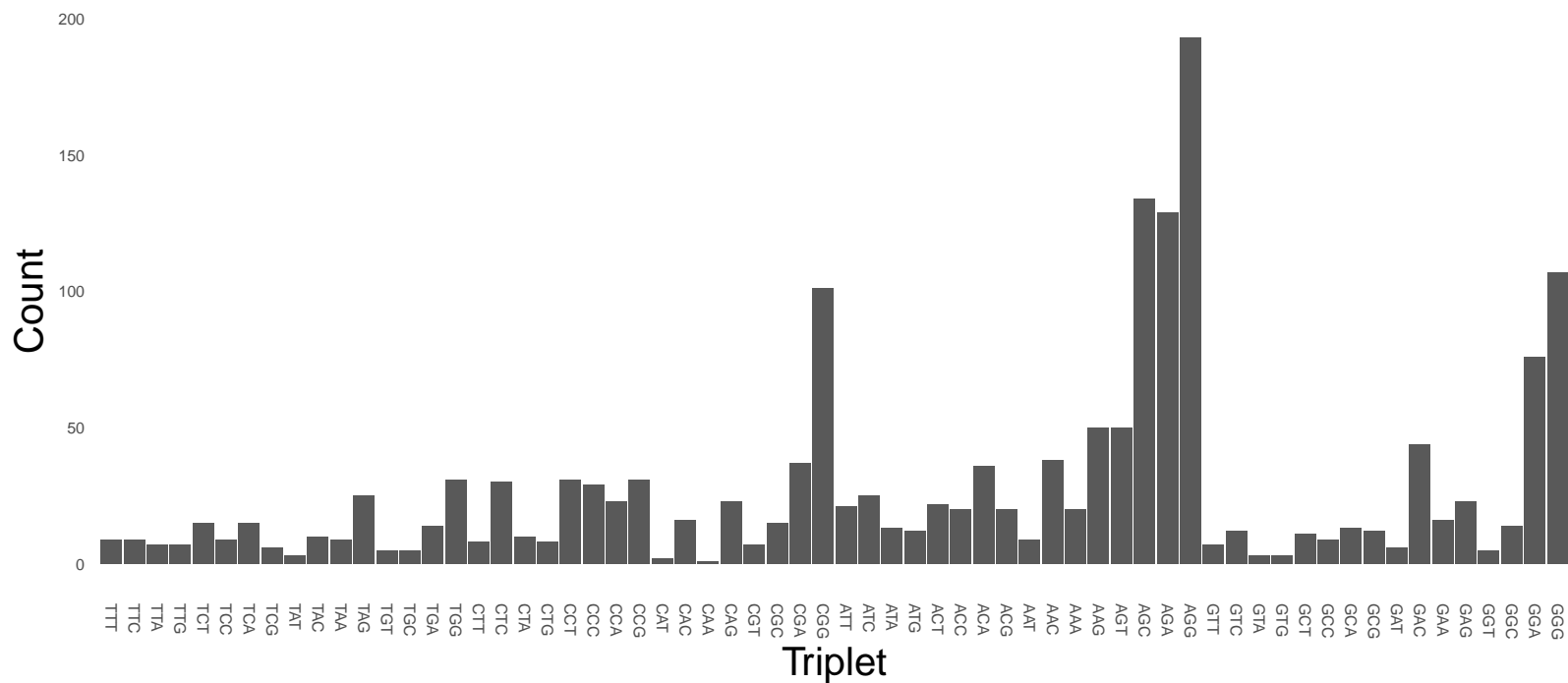
Gene TRBV7-7*ap01_C315T



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

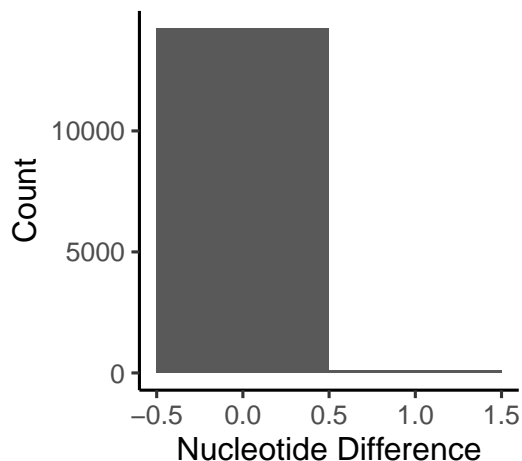


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



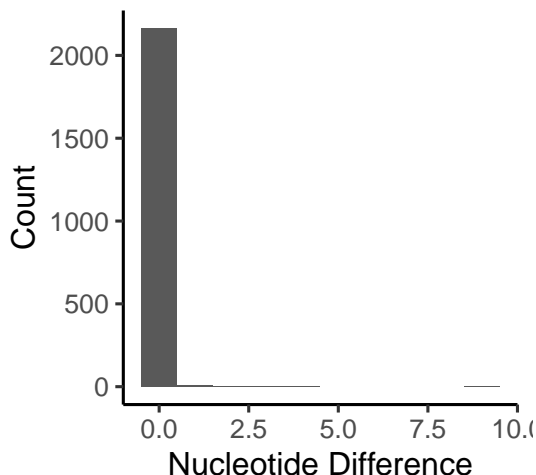
TRBV20-1*ap01

14361 sequences assigned
14246 (99.2%) exact matches, in which:
14113 unique CDR3
13 unique J



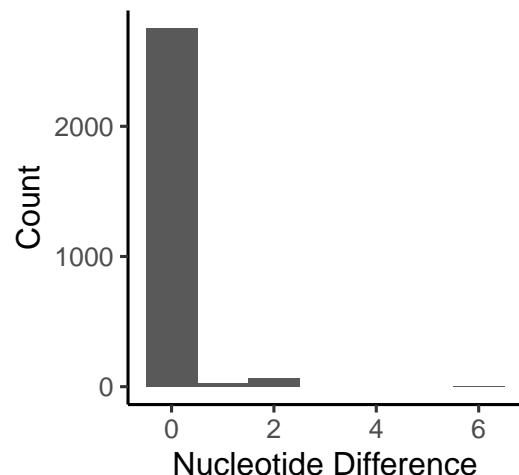
TRBV10-2*ap01

2178 sequences assigned
2163 (99.3%) exact matches, in which:
2131 unique CDR3
13 unique J



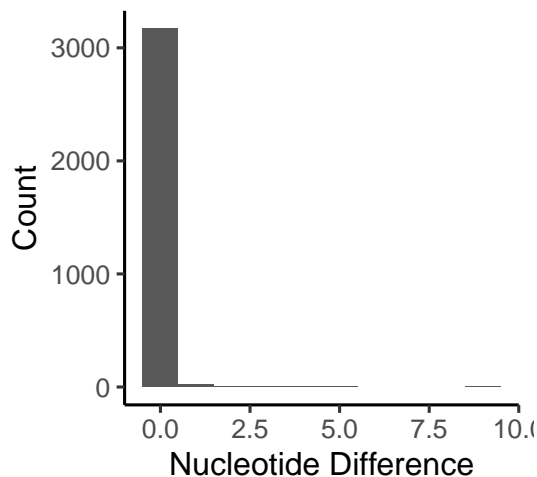
TRBV13*ap01

2848 sequences assigned
2752 (96.6%) exact matches, in which:
2696 unique CDR3
13 unique J



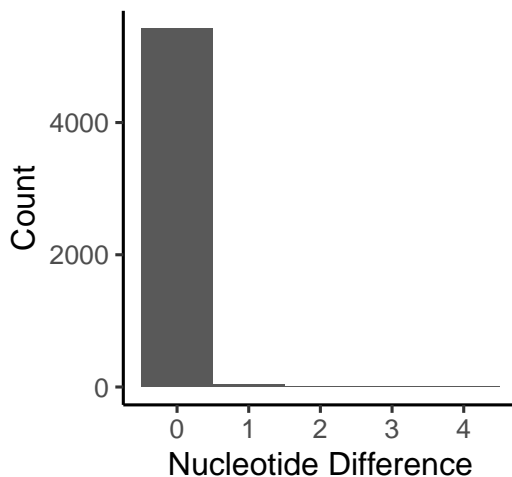
TRBV10-1*ap01

3201 sequences assigned
3169 (99%) exact matches, in which:
3117 unique CDR3
13 unique J



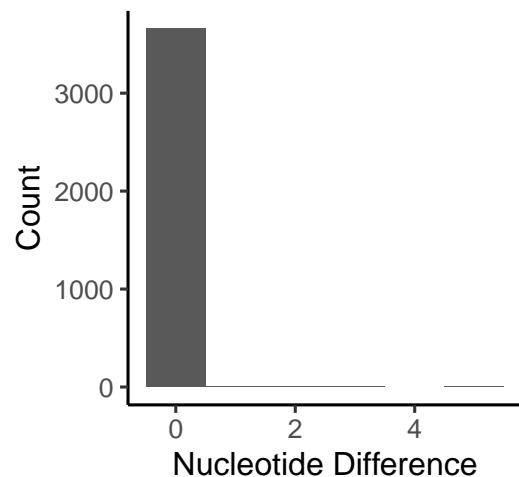
TRBV10-3*ap01

5462 sequences assigned
5419 (99.2%) exact matches, in which:
5343 unique CDR3
13 unique J



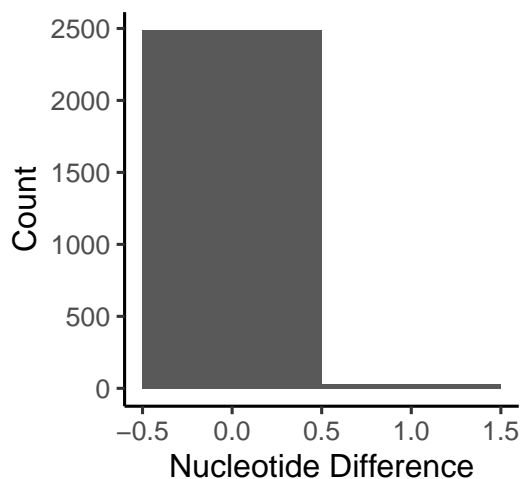
TRBV14*ap01

3670 sequences assigned
3658 (99.7%) exact matches, in which:
3631 unique CDR3
13 unique J



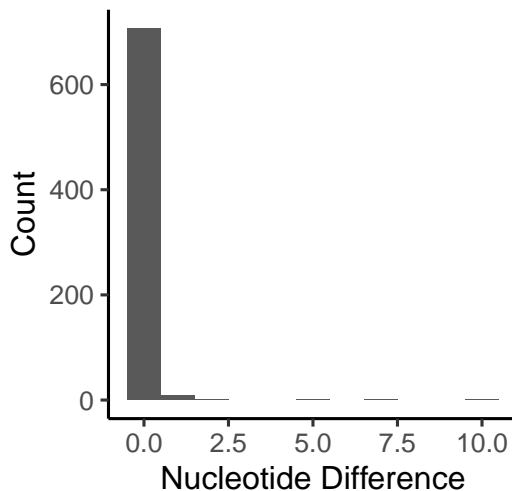
TRBV20-1*ap02

2520 sequences assigned
2489 (98.8%) exact matches, in which:
2477 unique CDR3
13 unique J



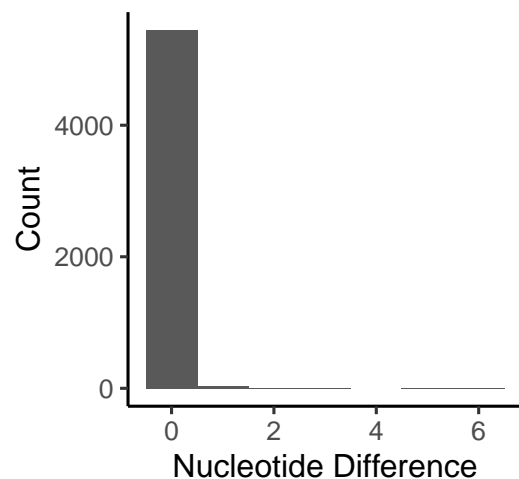
TRBV1*ap01

719 sequences assigned
707 (98.3%) exact matches, in which:
698 unique CDR3
14 unique J



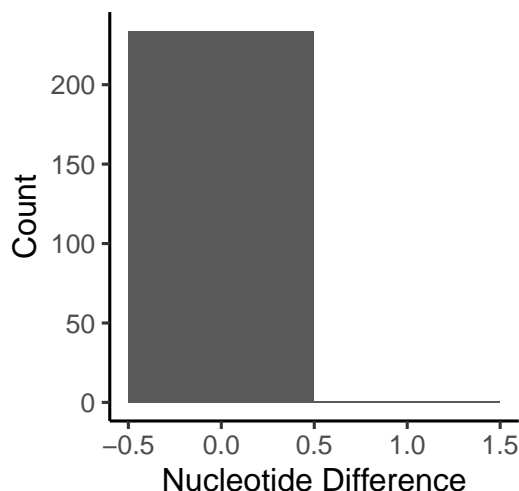
TRBV15*ap02

5490 sequences assigned
5447 (99.2%) exact matches, in which:
5381 unique CDR3
13 unique J



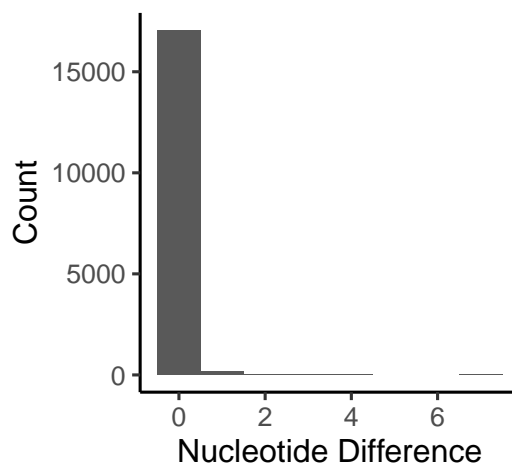
TRBV16*ap01

235 sequences assigned
234 (99.6%) exact matches, in which:
234 unique CDR3
13 unique J



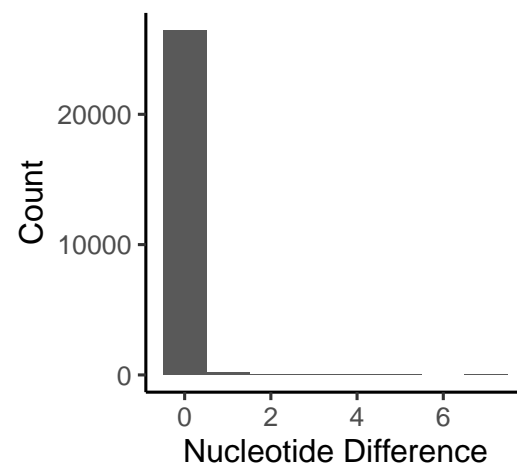
TRBV2*ap01

17237 sequences assigned
17059 (99%) exact matches, in which:
16774 unique CDR3
13 unique J



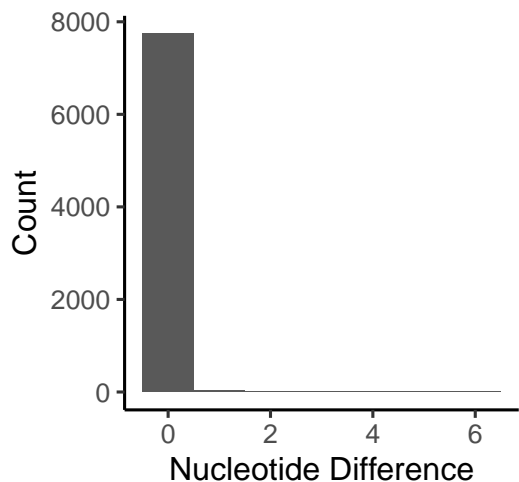
TRBV28*ap01

26650 sequences assigned
26458 (99.3%) exact matches, in which:
26206 unique CDR3
14 unique J



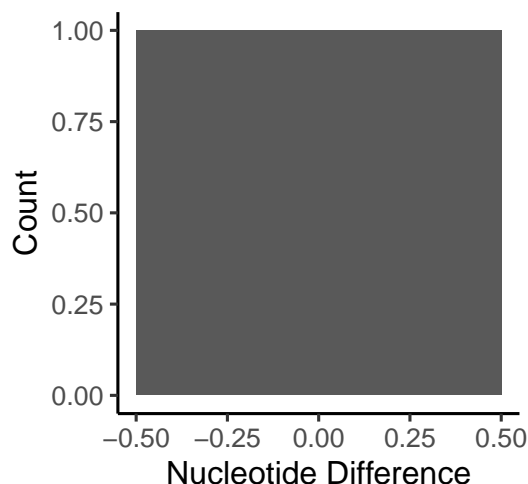
TRBV18*ap01

7780 sequences assigned
7742 (99.5%) exact matches, in which:
7692 unique CDR3
13 unique J



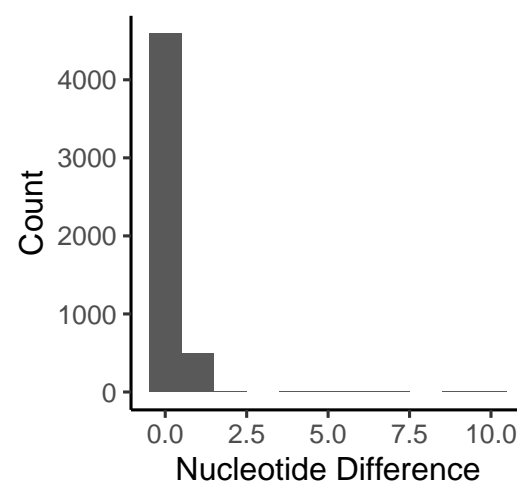
TRBV26*ap01

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



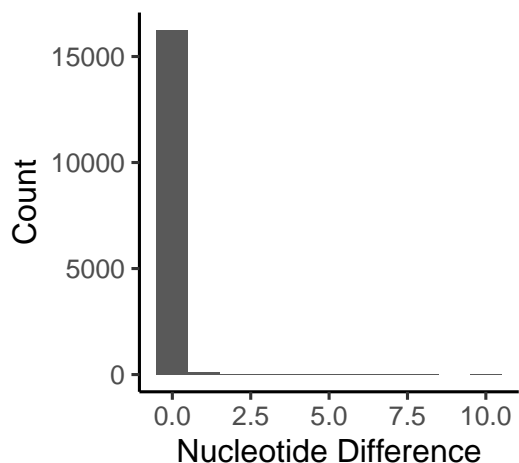
TRBV30*ap01

5098 sequences assigned
4590 (90%) exact matches, in which:
4516 unique CDR3
13 unique J



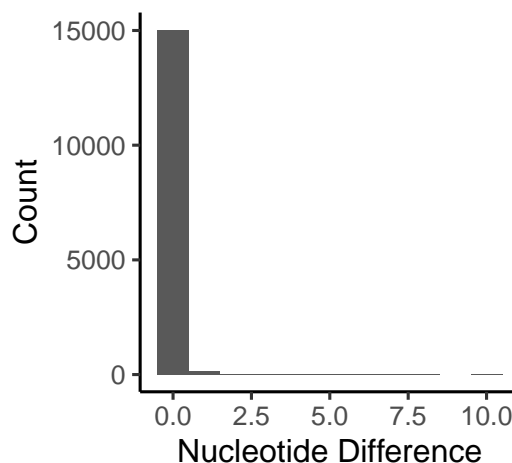
TRBV19*ap01

16377 sequences assigned
16260 (99.3%) exact matches, in which:
16179 unique CDR3
13 unique J



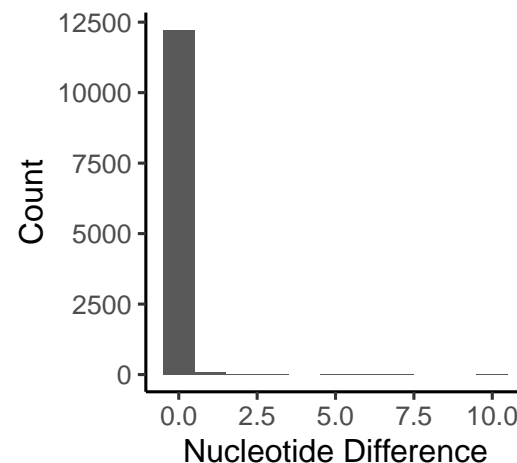
TRBV27*ap01

15195 sequences assigned
15031 (98.9%) exact matches, in which:
14771 unique CDR3
13 unique J



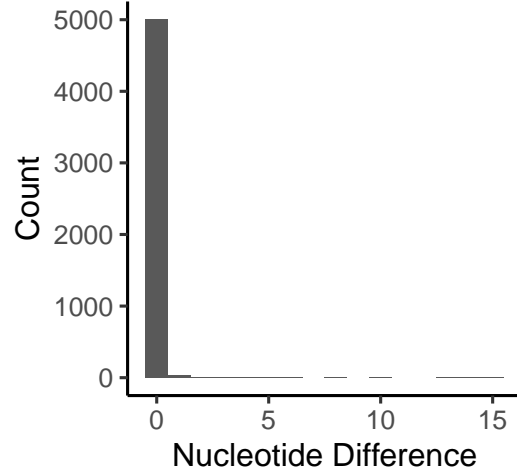
TRBV9*ap01

12318 sequences assigned
12229 (99.3%) exact matches, in which:
12113 unique CDR3
13 unique J



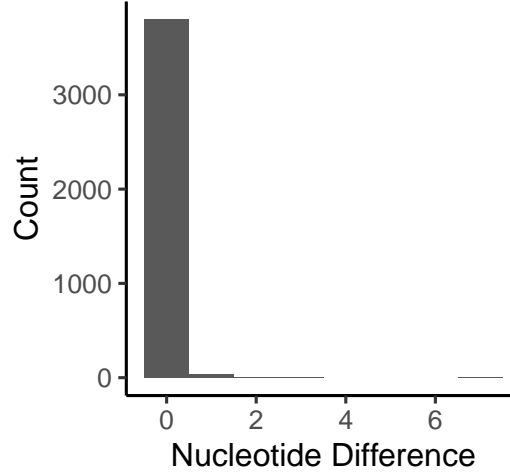
TRBV21-1*ap01

5070 sequences assigned
5004 (98.7%) exact matches, in which:
4960 unique CDR3
13 unique J



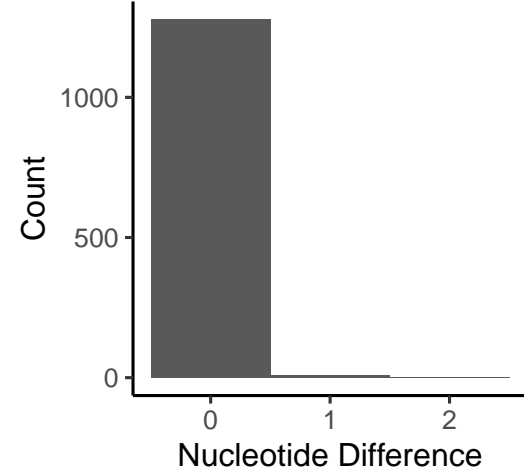
TRBV11-3*ap01

3842 sequences assigned
3800 (98.9%) exact matches, in which:
3771 unique CDR3
13 unique J



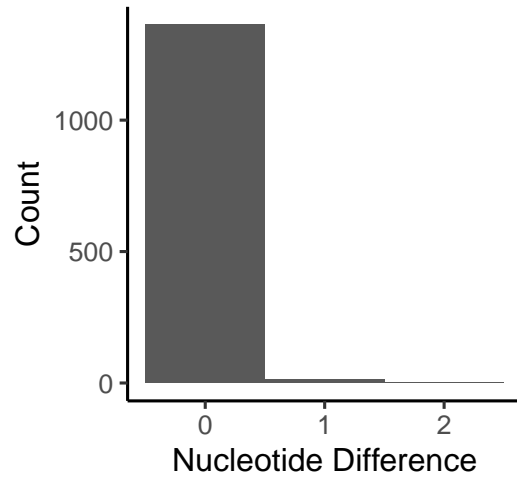
TRBV12-5*ap01

1288 sequences assigned
1278 (99.2%) exact matches, in which:
1271 unique CDR3
13 unique J



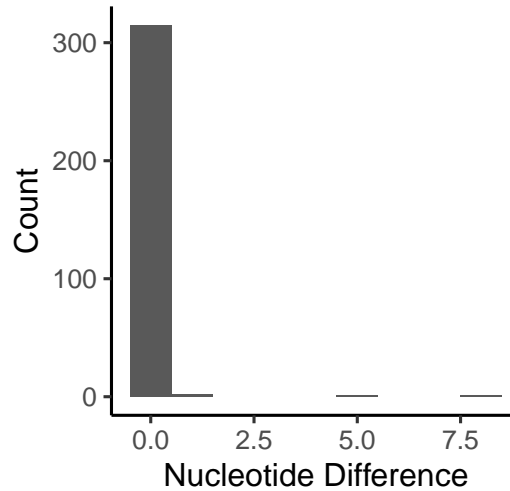
TRBV11-1*ap01

1379 sequences assigned
1363 (98.8%) exact matches, in which:
1352 unique CDR3
13 unique J



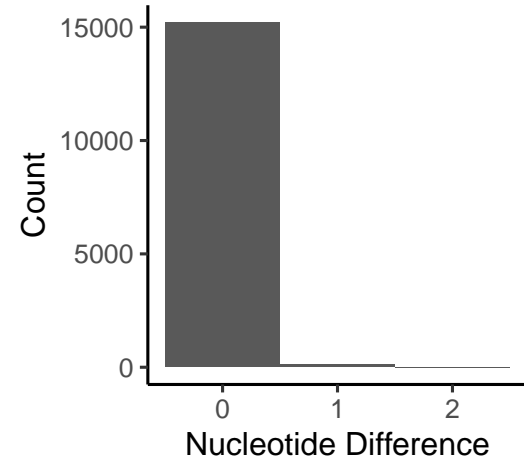
TRBV12-1*ap01

319 sequences assigned
315 (98.7%) exact matches, in which:
313 unique CDR3
13 unique J



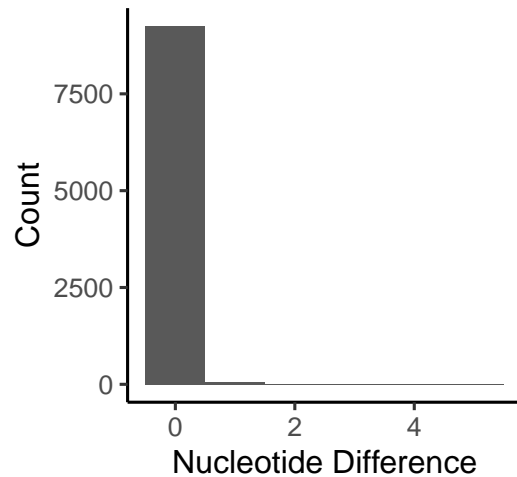
TRBV12-34*ap01

15325 sequences assigned
15207 (99.2%) exact matches, in which:
14999 unique CDR3
13 unique J



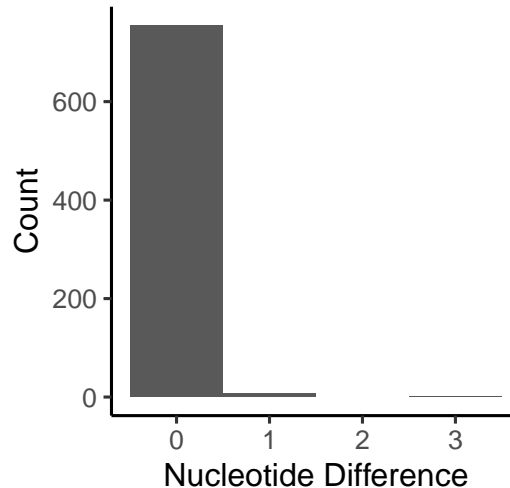
TRBV11-2*ap01

9322 sequences assigned
9250 (99.2%) exact matches, in which:
9114 unique CDR3
13 unique J



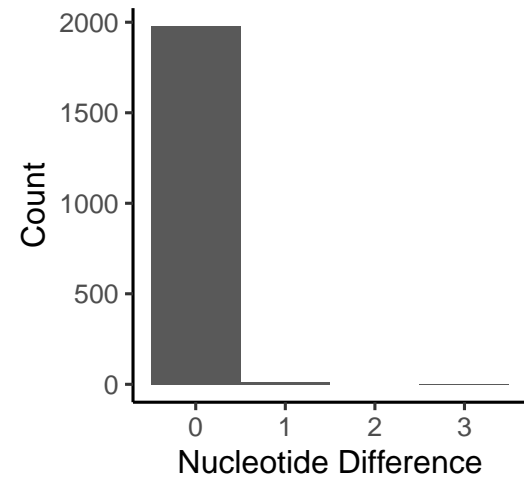
TRBV12-2*ap01

763 sequences assigned
755 (99%) exact matches, in which:
748 unique CDR3
13 unique J



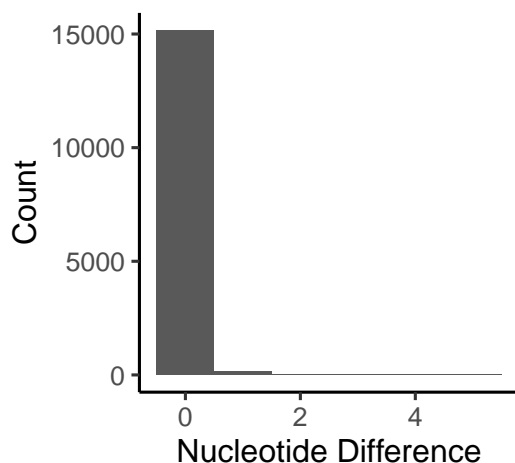
TRBV23-1*ap01

1993 sequences assigned
1979 (99.3%) exact matches, in which:
1964 unique CDR3
13 unique J



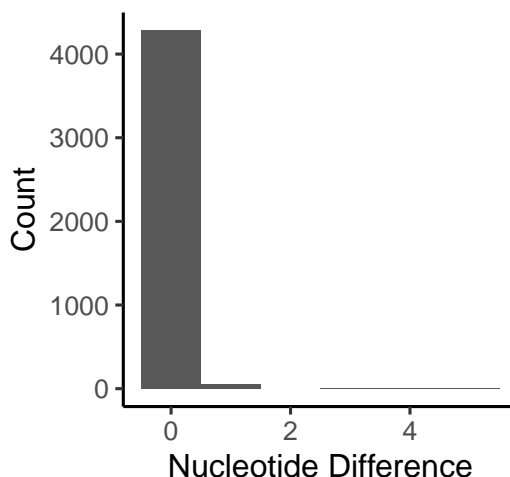
TRBV3-12*ap01

15333 sequences assigned
15170 (98.9%) exact matches, in which:
14922 unique CDR3
13 unique J



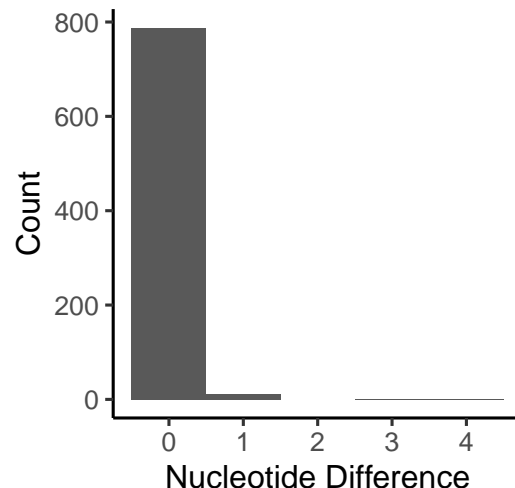
TRBV4-2*ap01

4338 sequences assigned
4283 (98.7%) exact matches, in which:
4209 unique CDR3
13 unique J



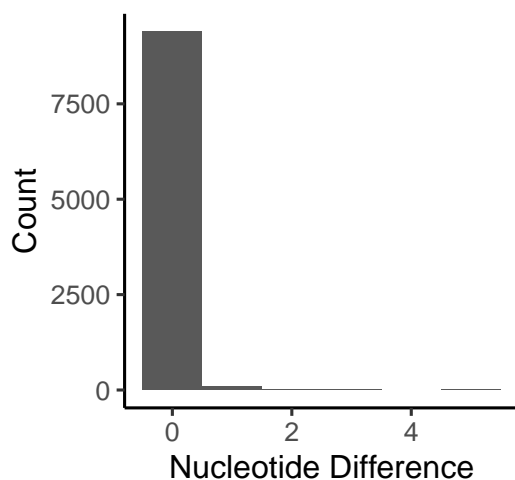
TRBV5-3*ap01

802 sequences assigned
788 (98.3%) exact matches, in which:
782 unique CDR3
13 unique J



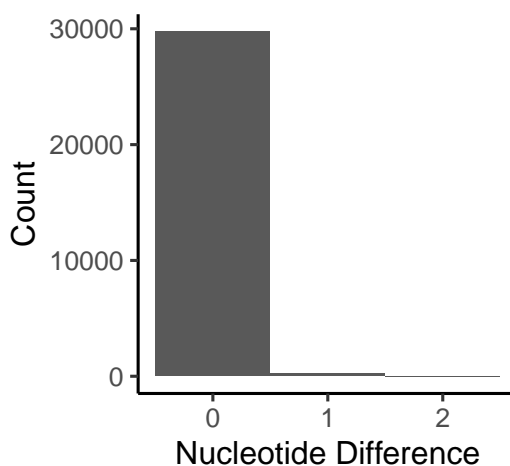
TRBV4-1*ap01

9472 sequences assigned
9390 (99.1%) exact matches, in which:
9224 unique CDR3
13 unique J



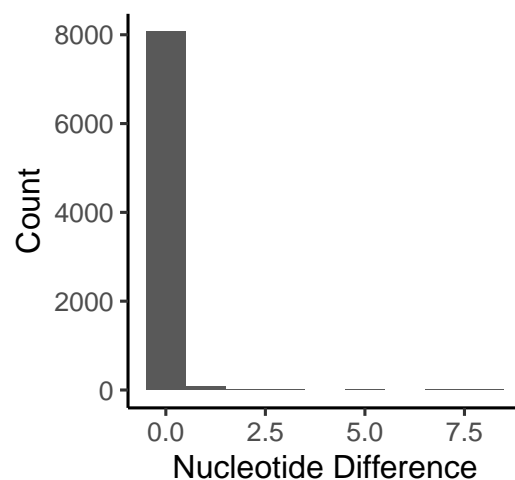
TRBV5-1*ap01

30019 sequences assigned
29769 (99.2%) exact matches, in which:
29284 unique CDR3
13 unique J



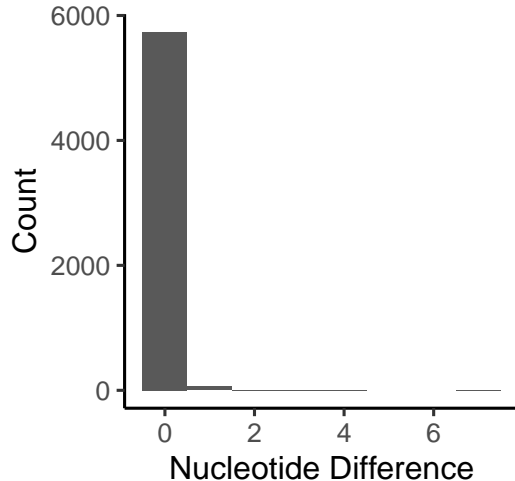
TRBV5-4*ap01

8142 sequences assigned
8068 (99.1%) exact matches, in which:
7944 unique CDR3
13 unique J



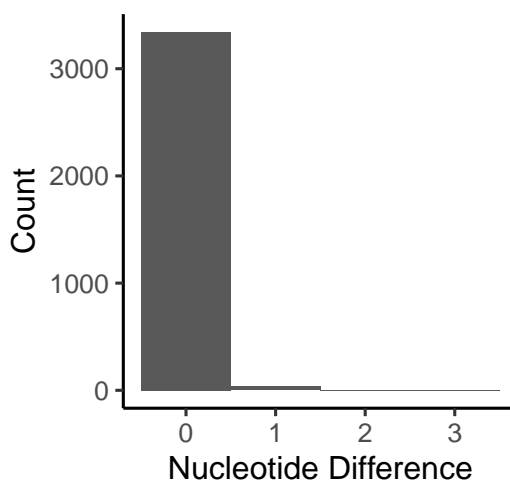
TRBV24-1*ap01

5802 sequences assigned
5735 (98.8%) exact matches, in which:
5673 unique CDR3
13 unique J



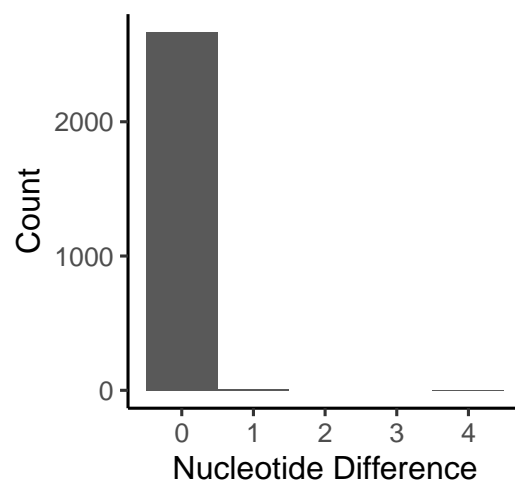
TRBV25-1*ap01

3384 sequences assigned
3342 (98.8%) exact matches, in which:
3271 unique CDR3
13 unique J



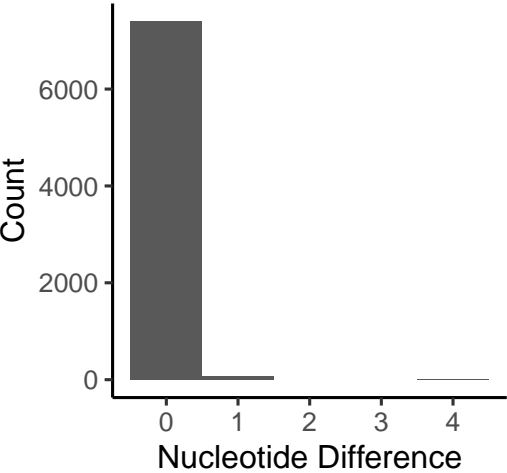
TRBV5-5*ap01

2680 sequences assigned
2668 (99.6%) exact matches, in which:
2657 unique CDR3
13 unique J



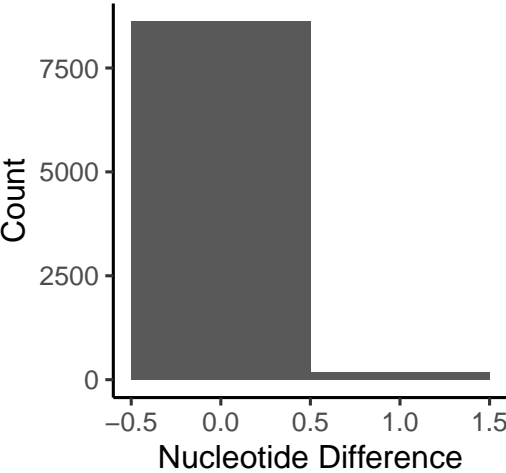
TRBV5-6*ap01

7480 sequences assigned
7397 (98.9%) exact matches, in which:
7238 unique CDR3
13 unique J



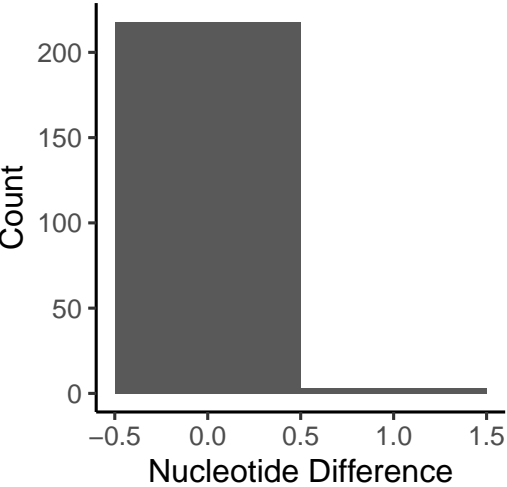
TRBV6-1*ap01

8803 sequences assigned
8621 (97.9%) exact matches, in which:
8472 unique CDR3
13 unique J



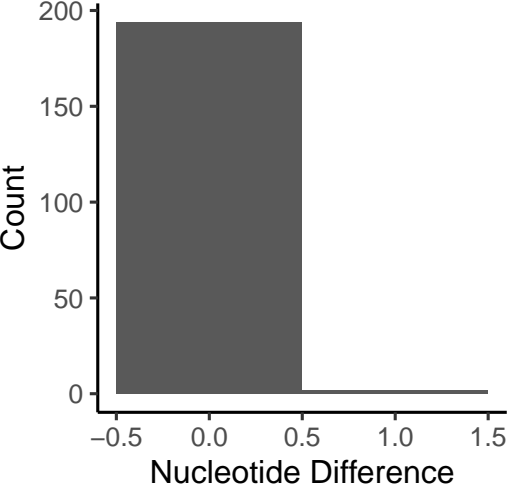
TRBV6-8*ap01

221 sequences assigned
218 (98.6%) exact matches, in which:
215 unique CDR3
13 unique J



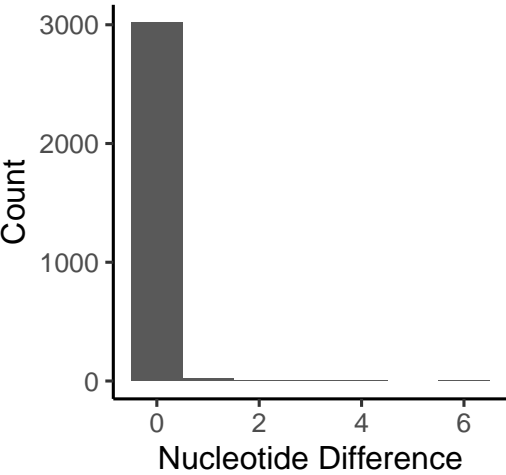
TRBV5-7*ap01

196 sequences assigned
194 (99%) exact matches, in which:
193 unique CDR3
13 unique J



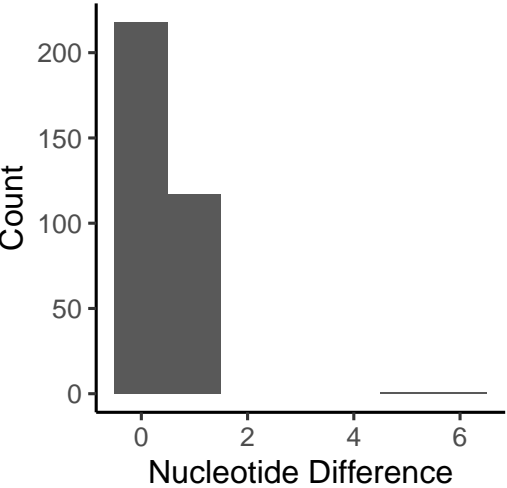
TRBV6-4*ap01

3051 sequences assigned
3017 (98.9%) exact matches, in which:
2988 unique CDR3
13 unique J



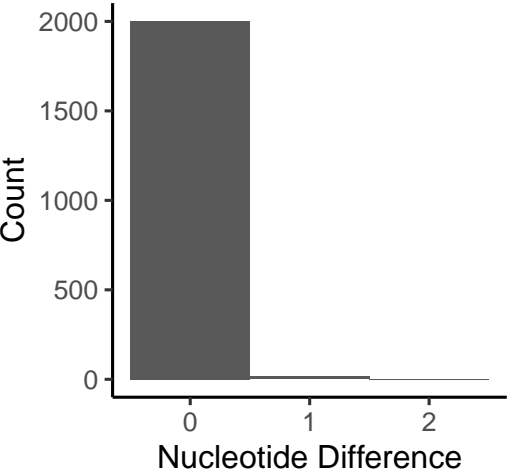
TRBV6-9*ap01

337 sequences assigned
218 (64.7%) exact matches, in which:
212 unique CDR3
13 unique J



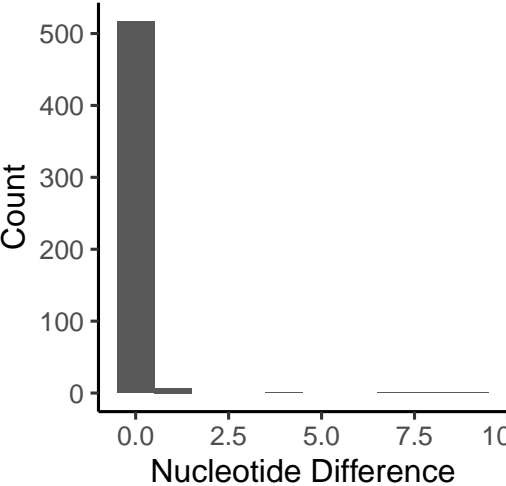
TRBV5-8*ap01

2019 sequences assigned
2002 (99.2%) exact matches, in which:
1985 unique CDR3
13 unique J



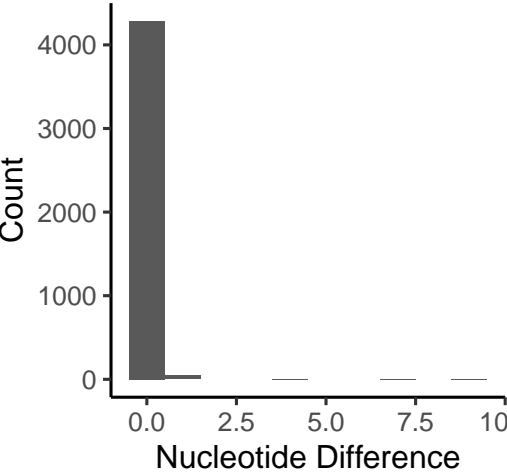
TRBV6-7*ap01

528 sequences assigned
517 (97.9%) exact matches, in which:
511 unique CDR3
13 unique J



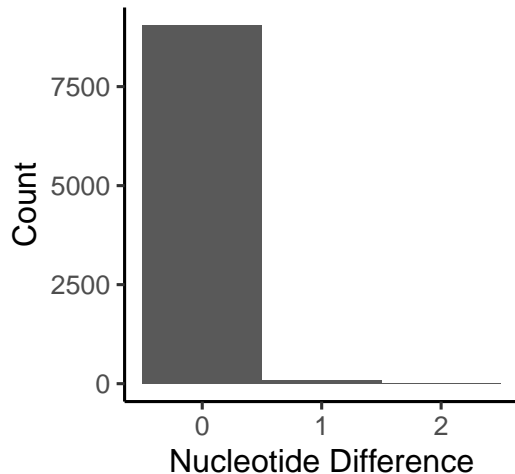
TRBV6-23*ap01

4336 sequences assigned
4285 (98.8%) exact matches, in which:
4204 unique CDR3
13 unique J



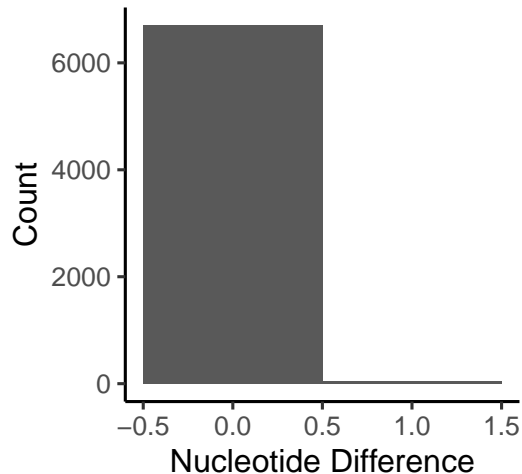
TRBV6-56*ap01

9134 sequences assigned
9045 (99%) exact matches, in which:
8888 unique CDR3
13 unique J



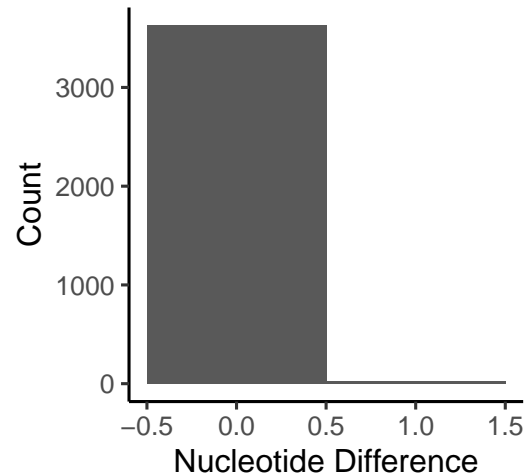
TRBV7-2*ap01

6741 sequences assigned
6700 (99.4%) exact matches, in which:
6646 unique CDR3
13 unique J



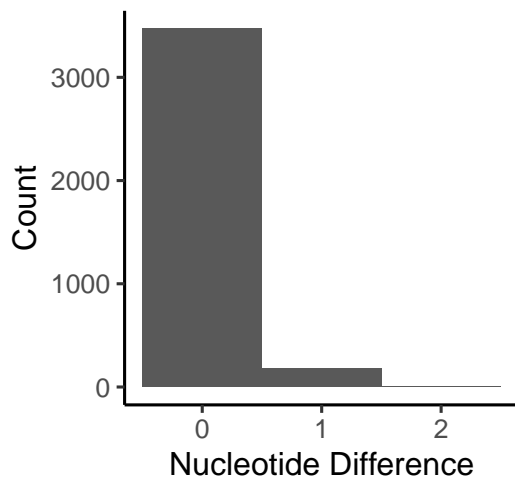
TRBV7-6*ap01

3652 sequences assigned
3628 (99.3%) exact matches, in which:
3587 unique CDR3
13 unique J



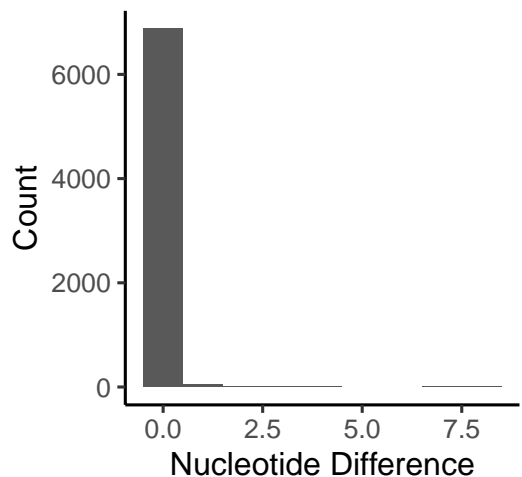
TRBV6-56*ap02

3655 sequences assigned
3471 (95%) exact matches, in which:
3410 unique CDR3
13 unique J



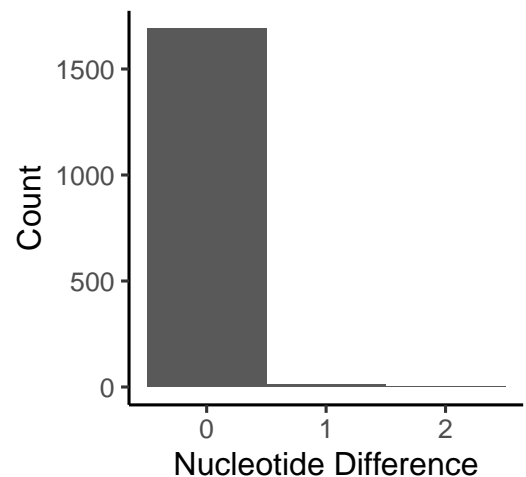
TRBV7-3*ap01

6936 sequences assigned
6877 (99.1%) exact matches, in which:
6835 unique CDR3
13 unique J



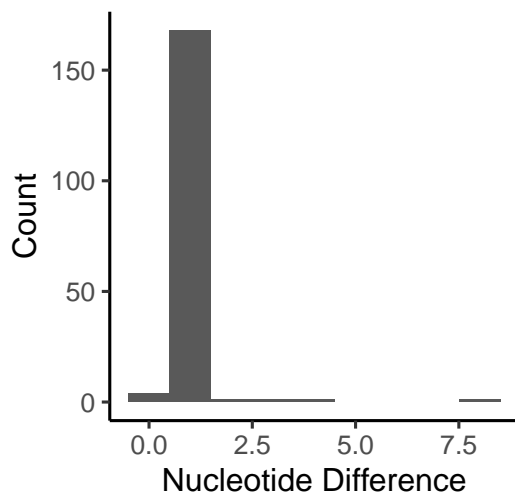
TRBV7-7*ap01_C315T

1704 sequences assigned
1690 (99.2%) exact matches, in which:
1670 unique CDR3
13 unique J



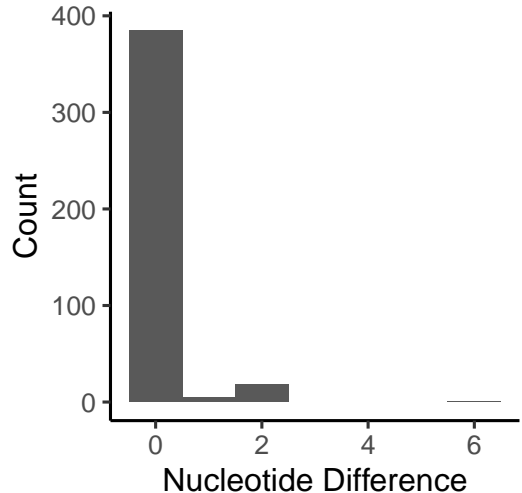
TRBV7-1*ap01_T296C

176 sequences assigned
4 (2.3%) exact matches, in which:
4 unique CDR3
3 unique J



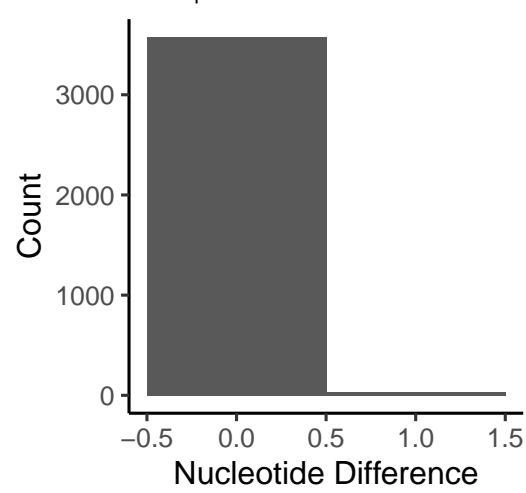
TRBV7-4*ap01

409 sequences assigned
385 (94.1%) exact matches, in which:
380 unique CDR3
13 unique J



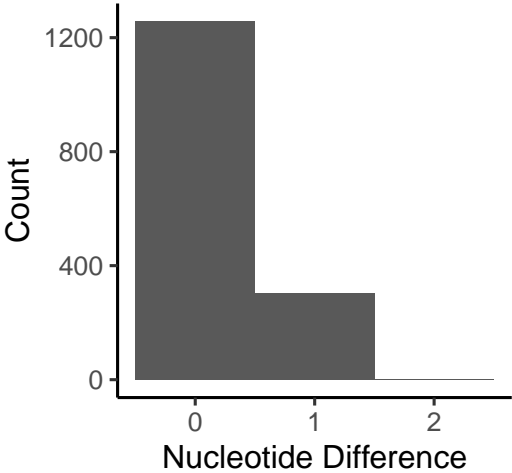
TRBV7-8*ap01

3610 sequences assigned
3576 (99.1%) exact matches, in which:
3523 unique CDR3
13 unique J



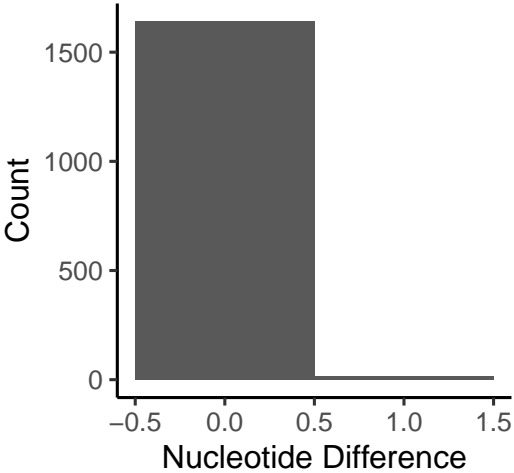
TRBV7-8*ap03

1563 sequences assigned
1257 (80.4%) exact matches, in which:
1239 unique CDR3
13 unique J



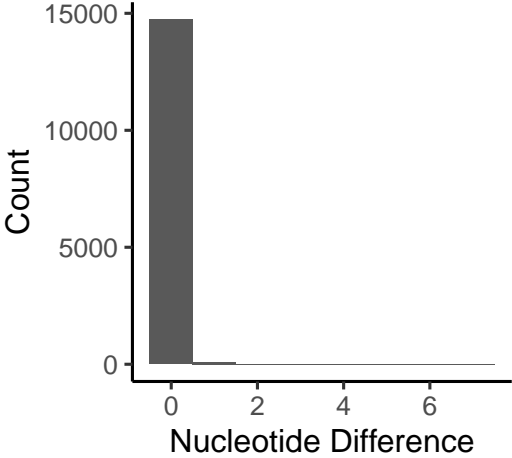
TRBV29-1*ap02

1655 sequences assigned
1641 (99.2%) exact matches, in which:
1612 unique CDR3
13 unique J



TRBV7-9*ap01

14843 sequences assigned
14737 (99.3%) exact matches, in which:
14612 unique CDR3
13 unique J



TRBV29-1*ap01

8322 sequences assigned
8243 (99.1%) exact matches, in which:
8105 unique CDR3
13 unique J

