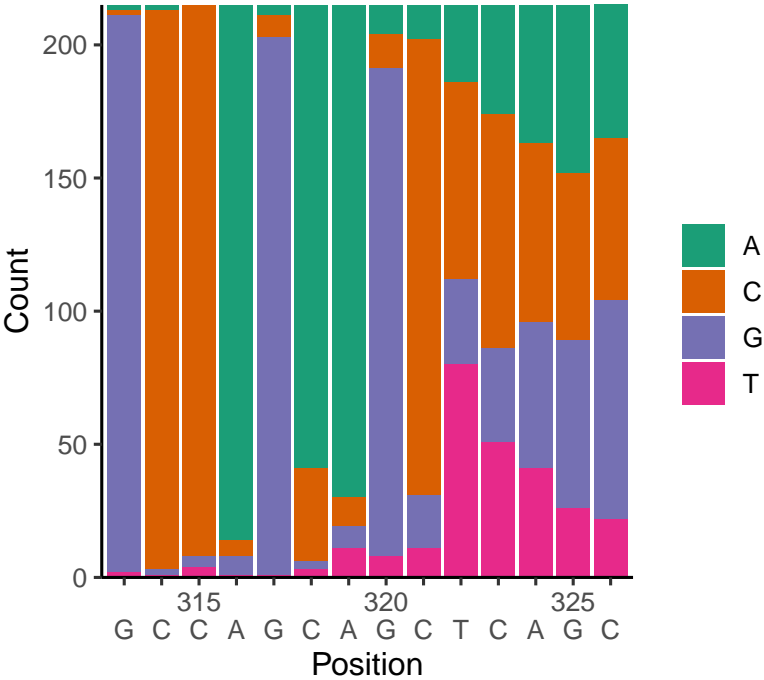
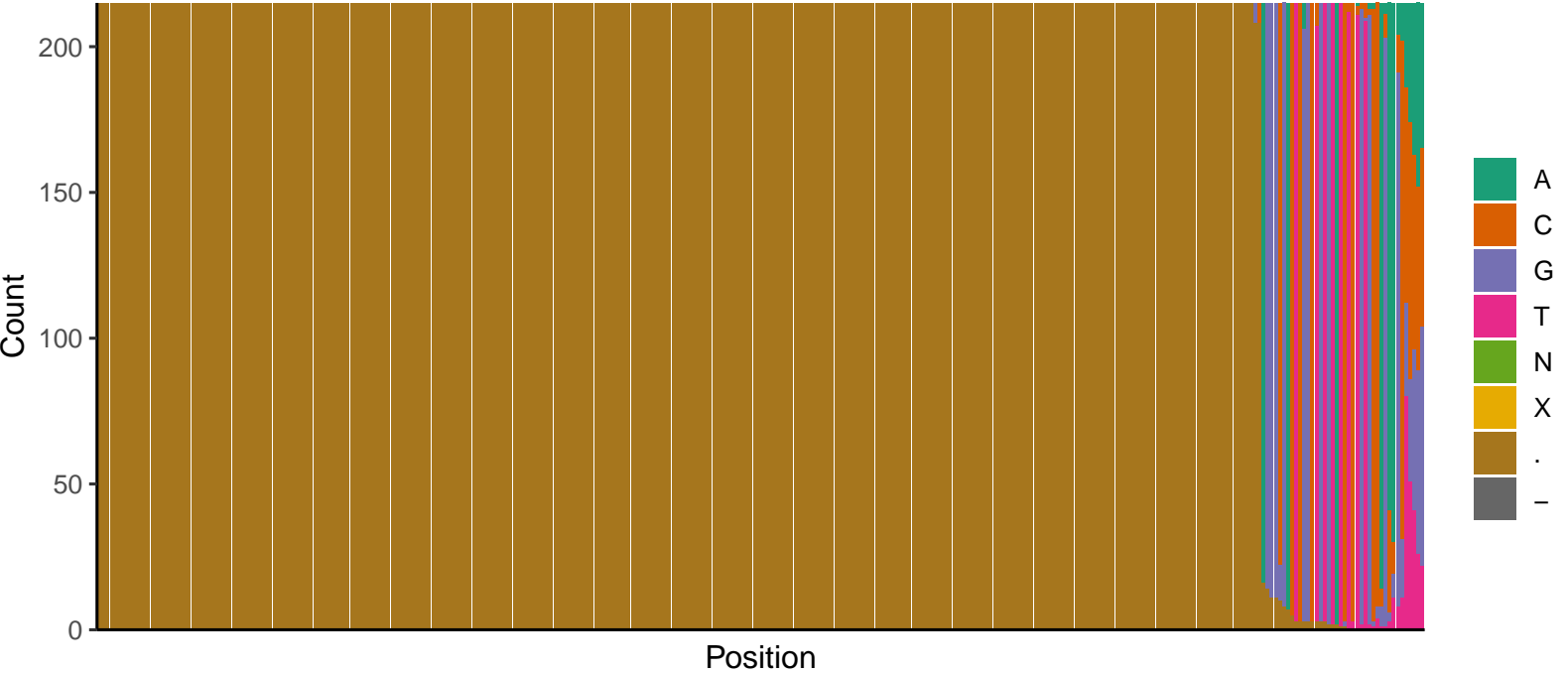


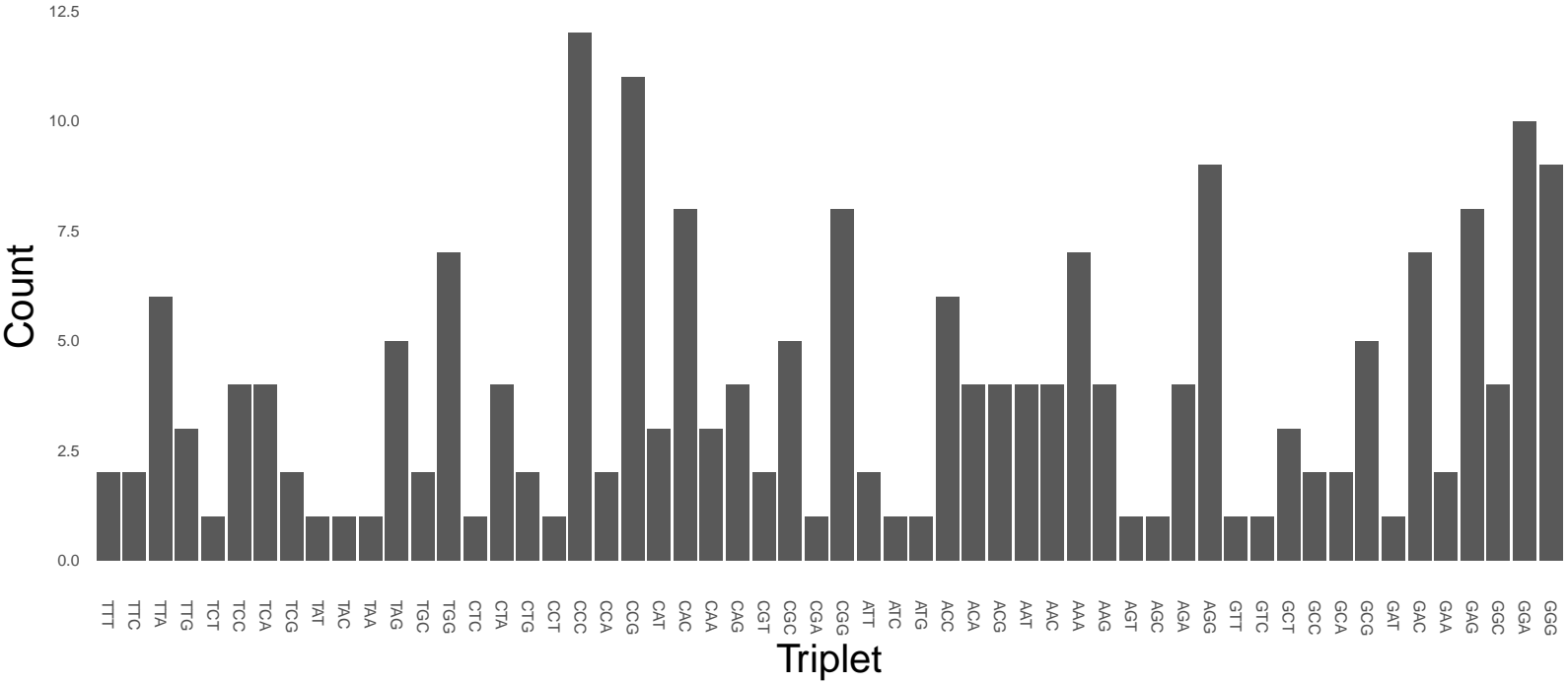
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C

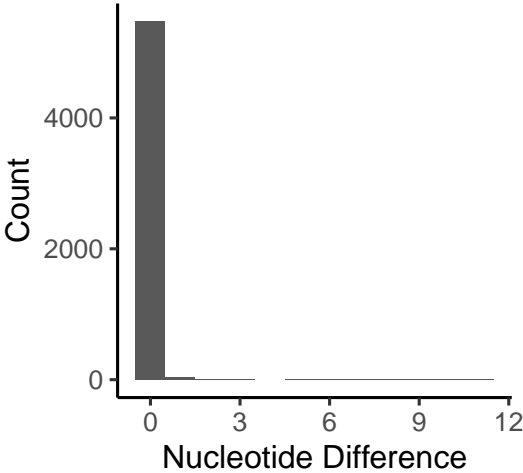


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



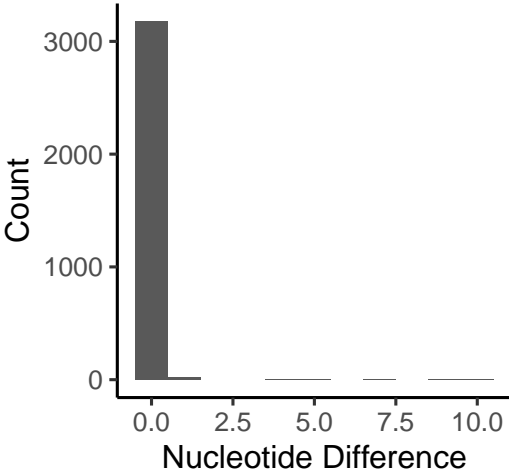
TRBV10-1*ap01

5525 sequences assigned
5475 (99.1%) exact matches, in which:
5434 unique CDR3
13 unique J



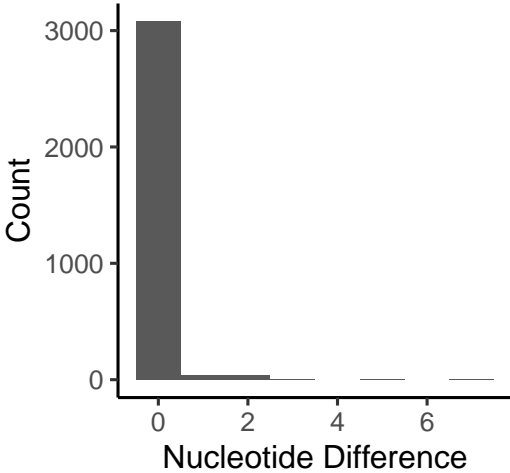
TRBV10-2*ap01

3204 sequences assigned
3177 (99.2%) exact matches, in which:
3152 unique CDR3
13 unique J



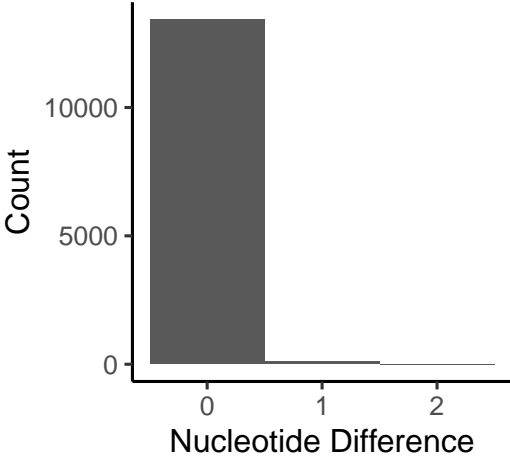
TRBV13*ap01

3160 sequences assigned
3079 (97.4%) exact matches, in which:
3046 unique CDR3
13 unique J



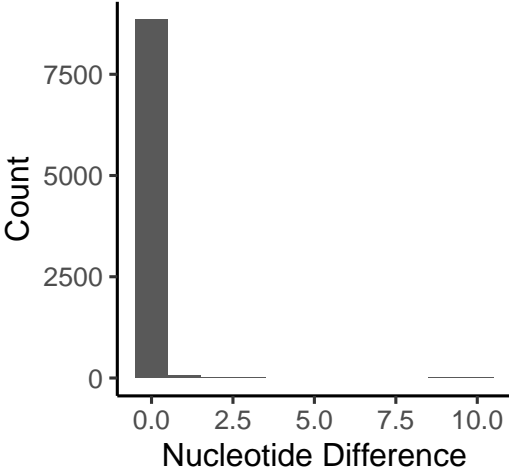
TRBV20-1*ap01

13538 sequences assigned
13427 (99.2%) exact matches, in which:
13353 unique CDR3
13 unique J



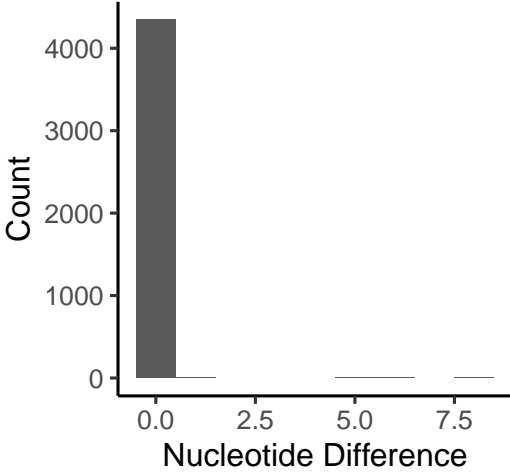
TRBV10-3*ap01

8923 sequences assigned
8847 (99.1%) exact matches, in which:
8766 unique CDR3
13 unique J



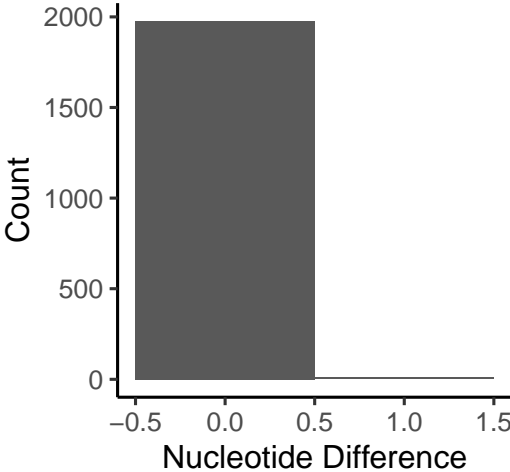
TRBV14*ap01

4359 sequences assigned
4346 (99.7%) exact matches, in which:
4331 unique CDR3
13 unique J



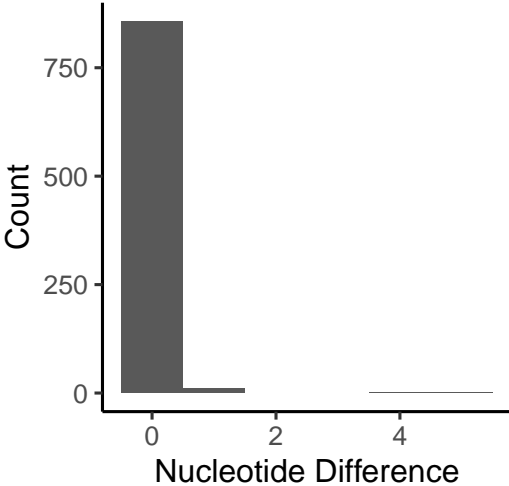
TRBV20-1*ap02

1987 sequences assigned
1977 (99.5%) exact matches, in which:
1960 unique CDR3
13 unique J



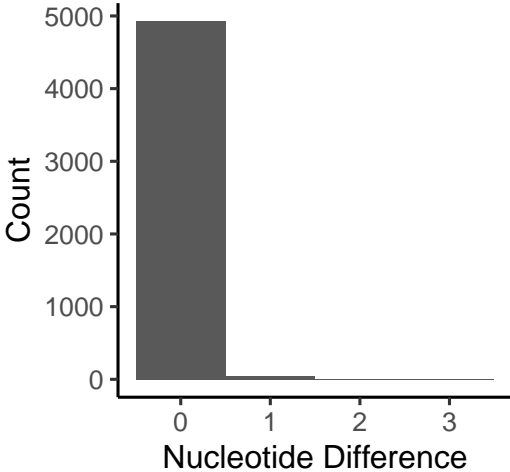
TRBV1*ap01

870 sequences assigned
857 (98.5%) exact matches, in which:
850 unique CDR3
13 unique J



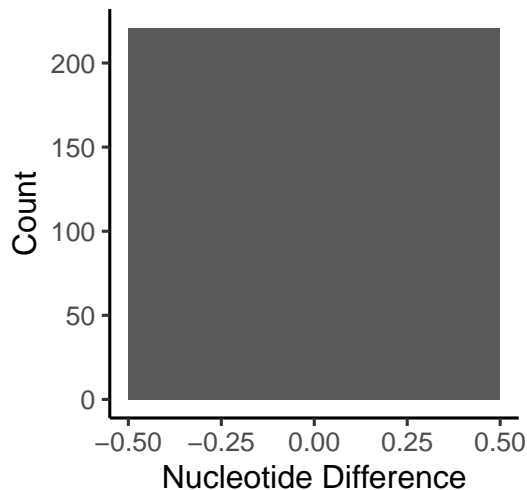
TRBV15*ap02

4976 sequences assigned
4930 (99.1%) exact matches, in which:
4888 unique CDR3
14 unique J



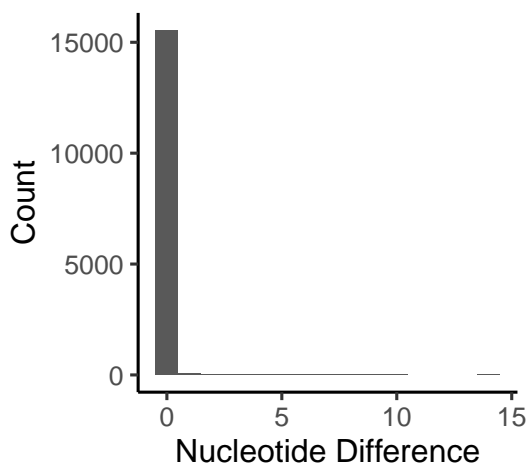
TRBV16*ap01

221 sequences assigned
221 (100%) exact matches, in which:
221 unique CDR3
13 unique J



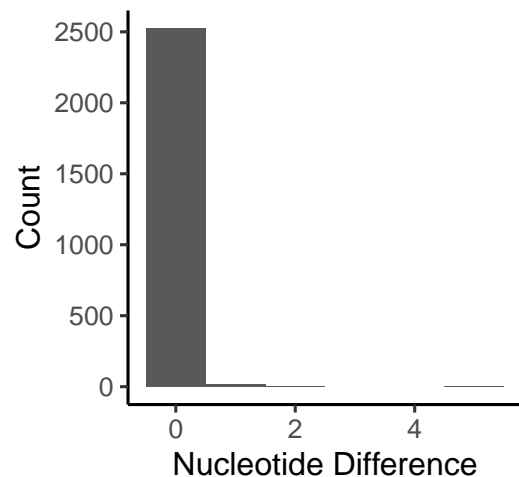
TRBV19*ap01

15640 sequences assigned
15547 (99.4%) exact matches, in which:
15517 unique CDR3
13 unique J



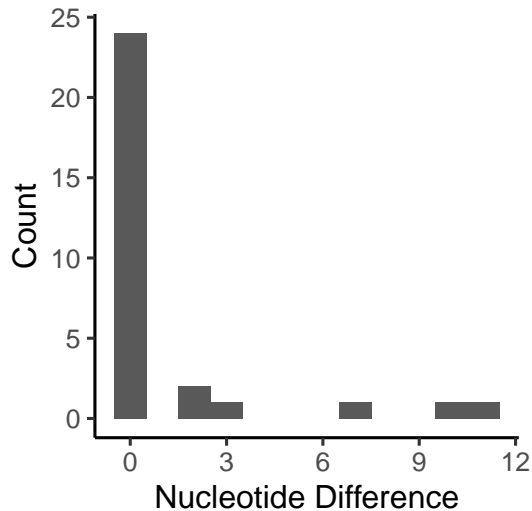
TRBV28*ap01

2547 sequences assigned
2524 (99.1%) exact matches, in which:
2511 unique CDR3
13 unique J



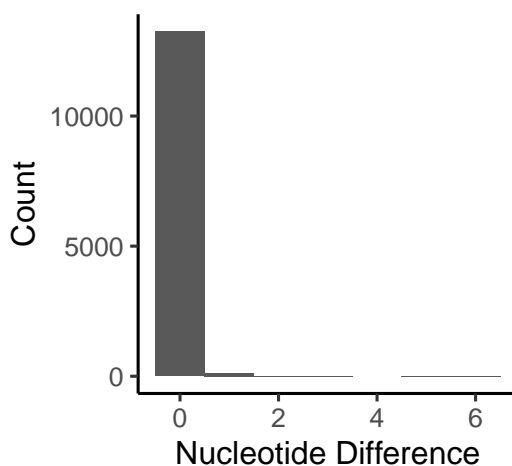
TRBV17*ap01

30 sequences assigned
24 (80%) exact matches, in which:
24 unique CDR3
9 unique J



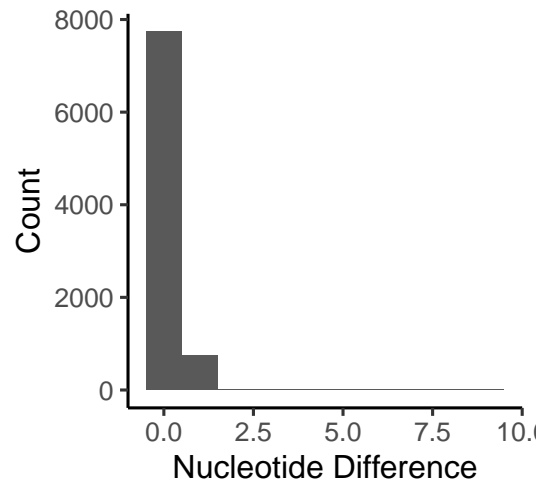
TRBV2*ap01

13380 sequences assigned
13250 (99%) exact matches, in which:
13148 unique CDR3
13 unique J



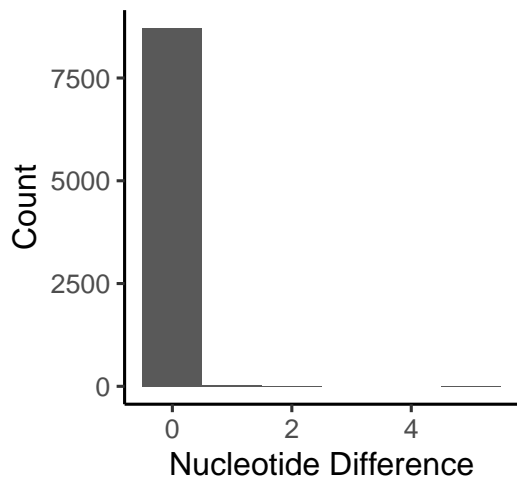
TRBV30*ap01

8506 sequences assigned
7736 (90.9%) exact matches, in which:
7678 unique CDR3
13 unique J



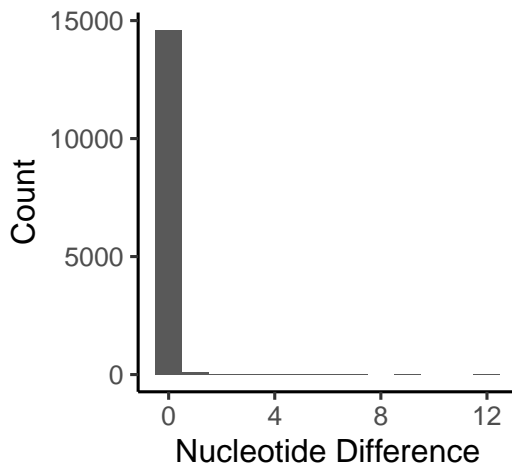
TRBV18*ap01

8753 sequences assigned
8715 (99.6%) exact matches, in which:
8697 unique CDR3
13 unique J



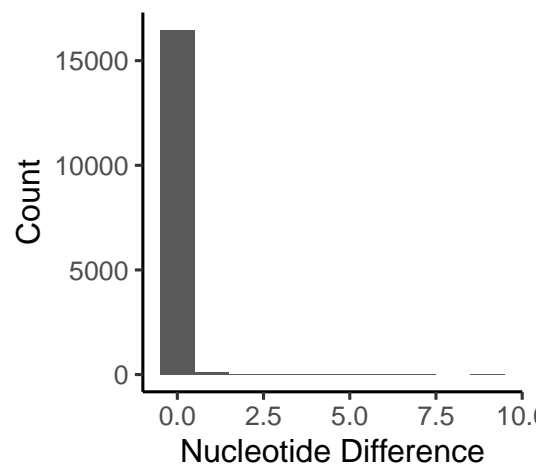
TRBV27*ap01

14756 sequences assigned
14610 (99%) exact matches, in which:
14468 unique CDR3
13 unique J



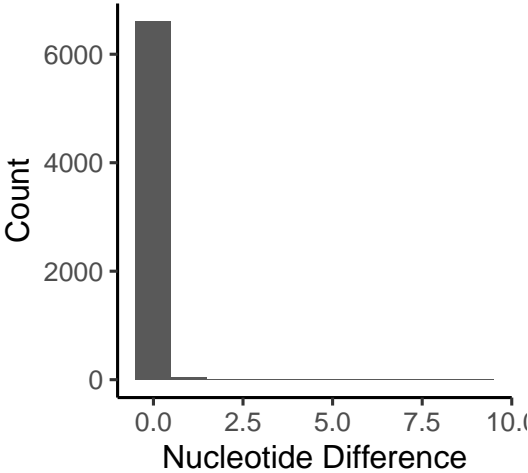
TRBV9*ap01

16595 sequences assigned
16475 (99.3%) exact matches, in which:
16349 unique CDR3
13 unique J



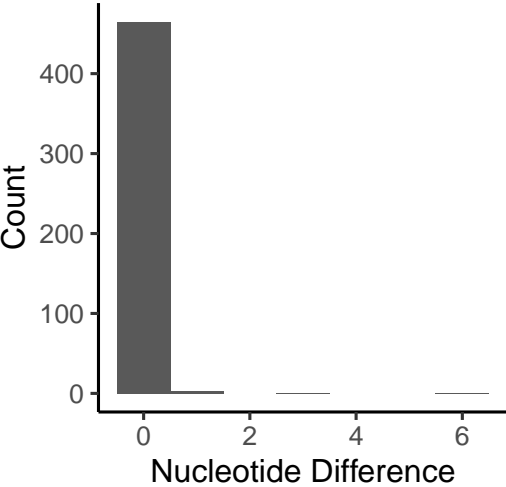
TRBV21-1*ap01

6688 sequences assigned
6605 (98.8%) exact matches, in which:
6583 unique CDR3
13 unique J



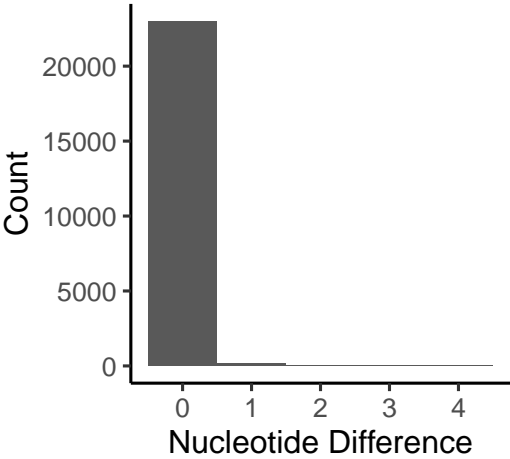
TRBV12-1*ap01

470 sequences assigned
465 (98.9%) exact matches, in which:
465 unique CDR3
13 unique J



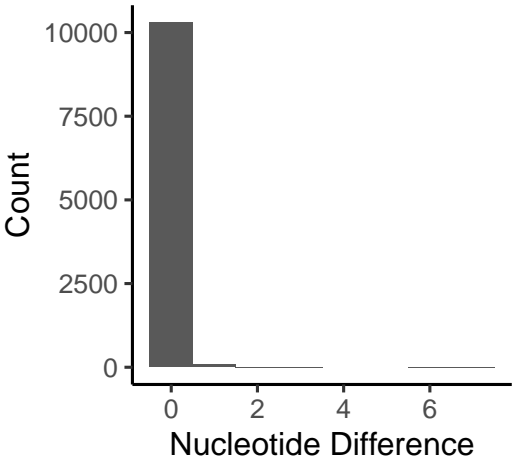
TRBV12-34*ap01

23207 sequences assigned
23002 (99.1%) exact matches, in which:
22842 unique CDR3
13 unique J



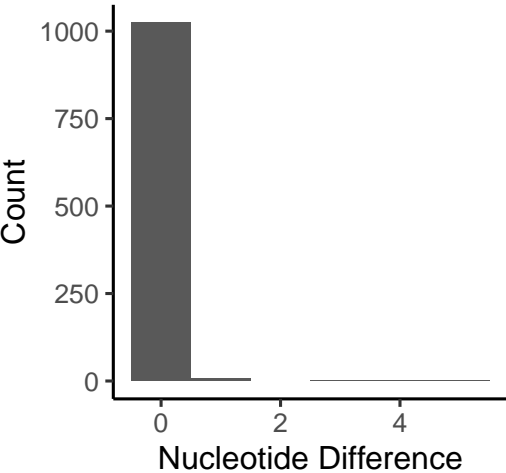
TRBV11-2*ap01

10385 sequences assigned
10301 (99.2%) exact matches, in which:
10217 unique CDR3
13 unique J



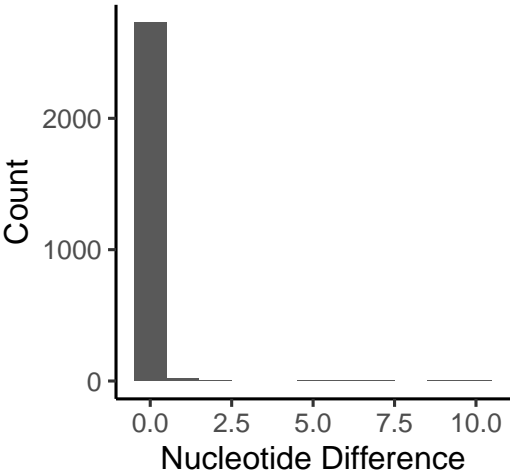
TRBV12-2*ap01

1035 sequences assigned
1024 (98.9%) exact matches, in which:
1019 unique CDR3
13 unique J



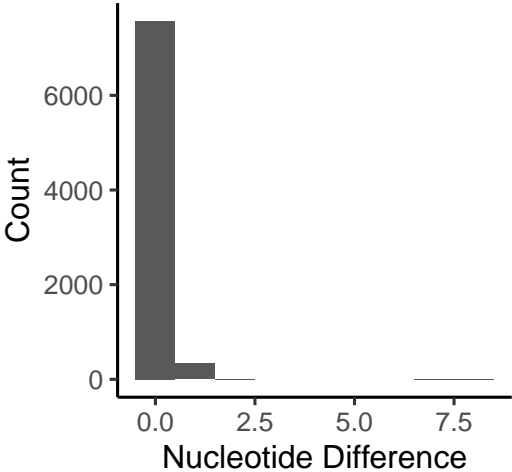
TRBV23-1*ap01

2756 sequences assigned
2728 (99%) exact matches, in which:
2716 unique CDR3
13 unique J



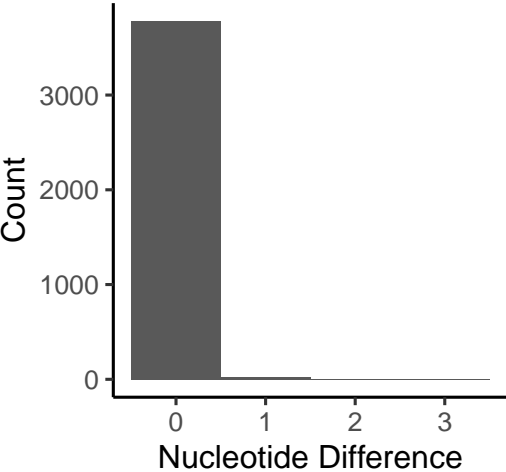
TRBV11-3*ap01

7909 sequences assigned
7570 (95.7%) exact matches, in which:
7497 unique CDR3
13 unique J



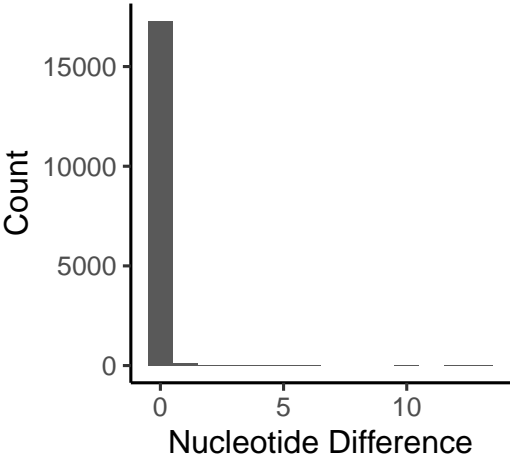
TRBV12-5*ap01

3814 sequences assigned
3781 (99.1%) exact matches, in which:
3755 unique CDR3
13 unique J



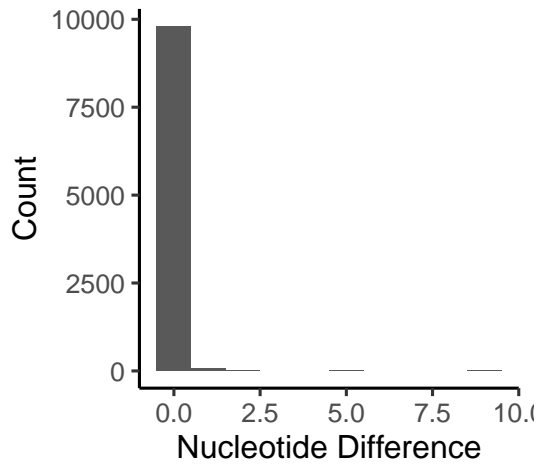
TRBV3-12*ap01

17469 sequences assigned
17296 (99%) exact matches, in which:
17151 unique CDR3
13 unique J



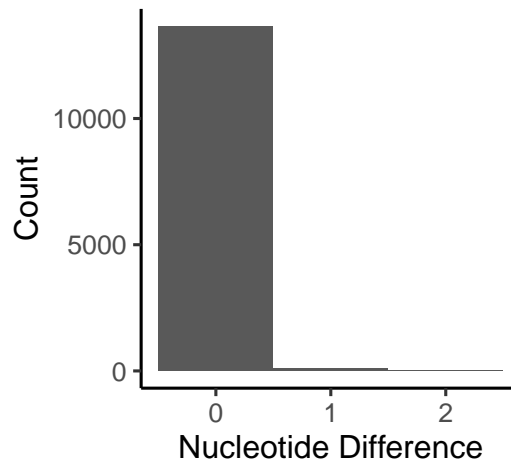
TRBV4-1*ap01

9893 sequences assigned
9805 (99.1%) exact matches, in which:
9718 unique CDR3
13 unique J



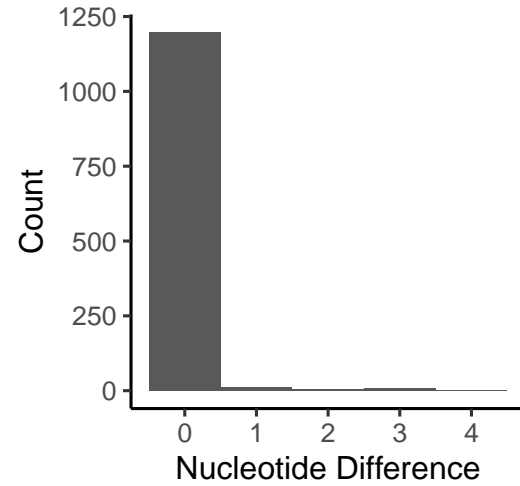
TRBV4-3*ap01

13758 sequences assigned
13659 (99.3%) exact matches, in which:
13548 unique CDR3
13 unique J



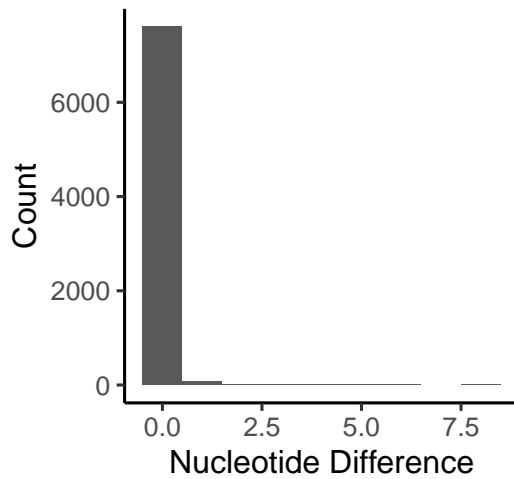
TRBV5-3*ap01

1224 sequences assigned
1197 (97.8%) exact matches, in which:
1193 unique CDR3
13 unique J



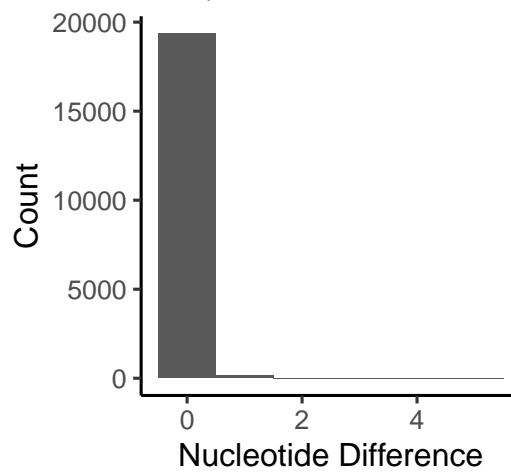
TRBV24-1*ap01

7699 sequences assigned
7605 (98.8%) exact matches, in which:
7568 unique CDR3
13 unique J



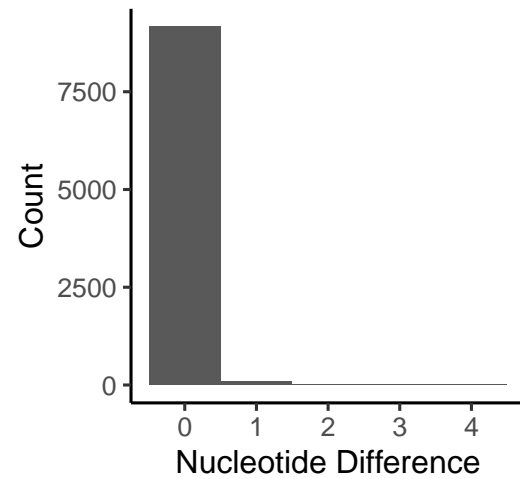
TRBV5-1*ap01

19536 sequences assigned
19364 (99.1%) exact matches, in which:
19113 unique CDR3
13 unique J



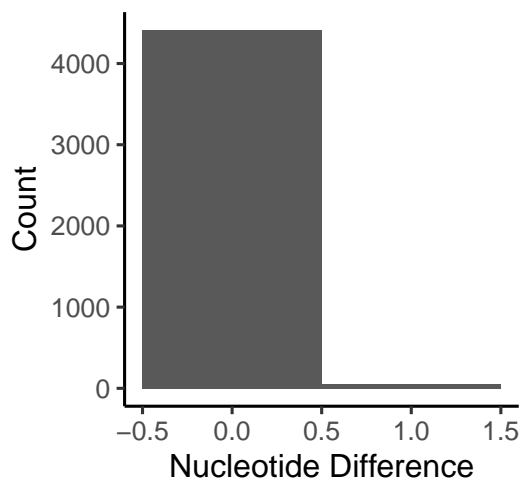
TRBV5-4*ap01

9272 sequences assigned
9163 (98.8%) exact matches, in which:
9070 unique CDR3
13 unique J



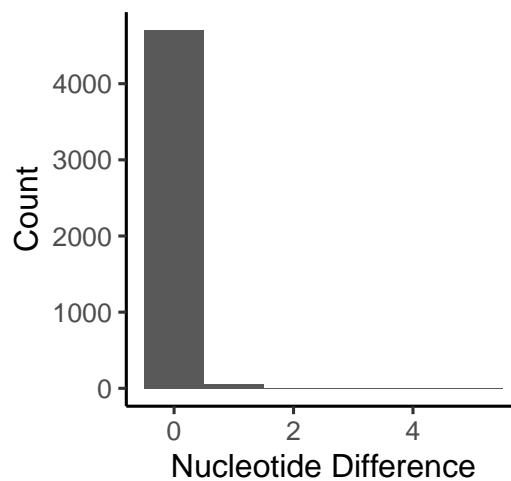
TRBV4-2*ap01

4466 sequences assigned
4412 (98.8%) exact matches, in which:
4385 unique CDR3
13 unique J



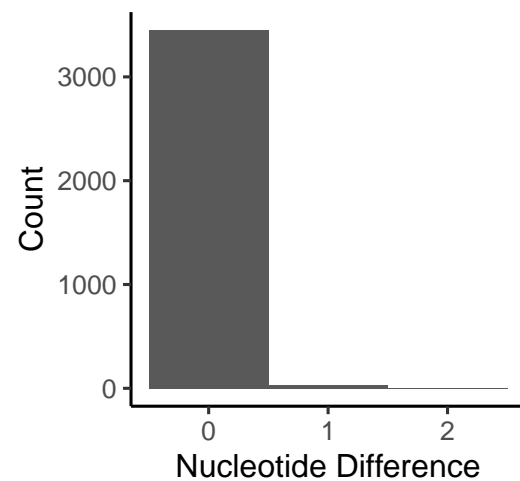
TRBV25-1*ap01

4768 sequences assigned
4704 (98.7%) exact matches, in which:
4683 unique CDR3
13 unique J



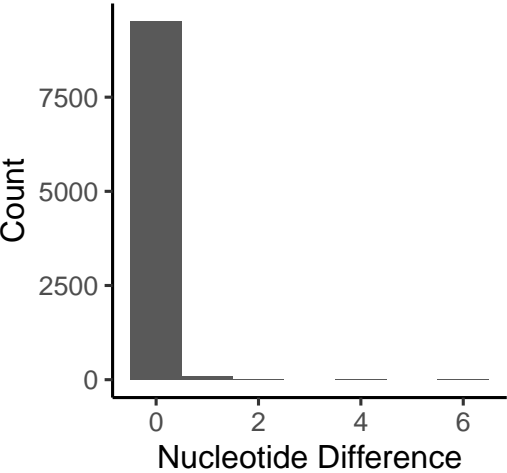
TRBV5-5*ap01

3487 sequences assigned
3451 (99%) exact matches, in which:
3432 unique CDR3
13 unique J



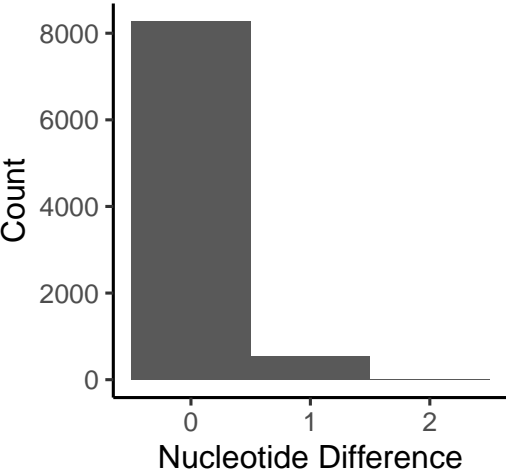
TRBV5-6*ap01

9608 sequences assigned
9511 (99%) exact matches, in which:
9433 unique CDR3
13 unique J



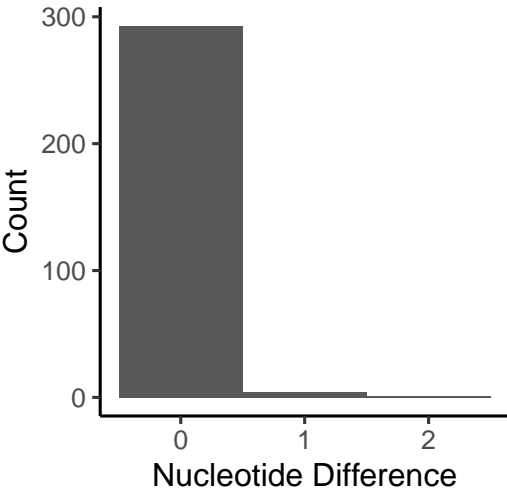
TRBV6-1*ap01

8824 sequences assigned
8273 (93.8%) exact matches, in which:
8193 unique CDR3
13 unique J



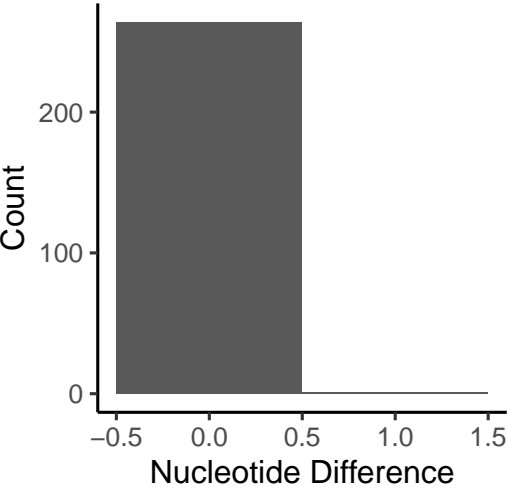
TRBV6-8*ap01

298 sequences assigned
293 (98.3%) exact matches, in which:
291 unique CDR3
13 unique J



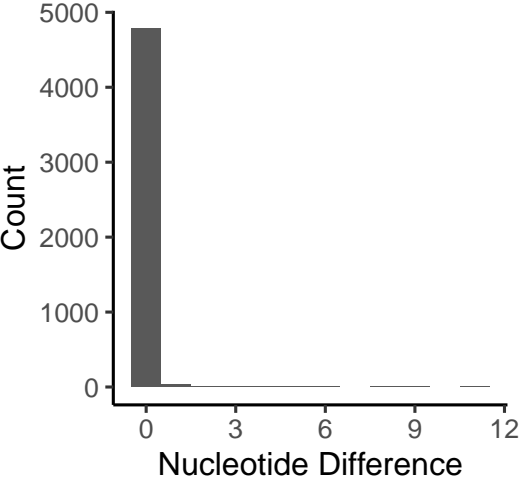
TRBV5-7*ap01

265 sequences assigned
264 (99.6%) exact matches, in which:
264 unique CDR3
13 unique J



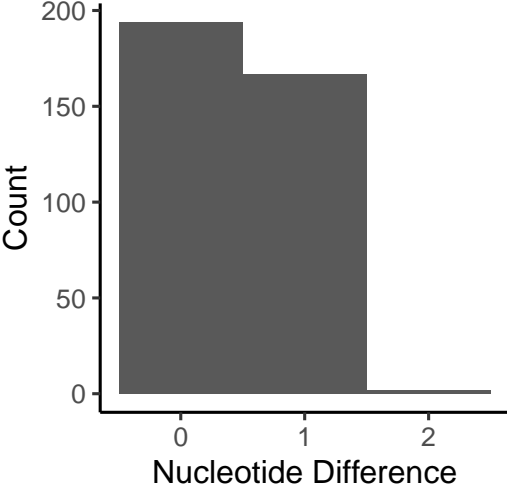
TRBV6-4*ap01

4834 sequences assigned
4781 (98.9%) exact matches, in which:
4754 unique CDR3
13 unique J



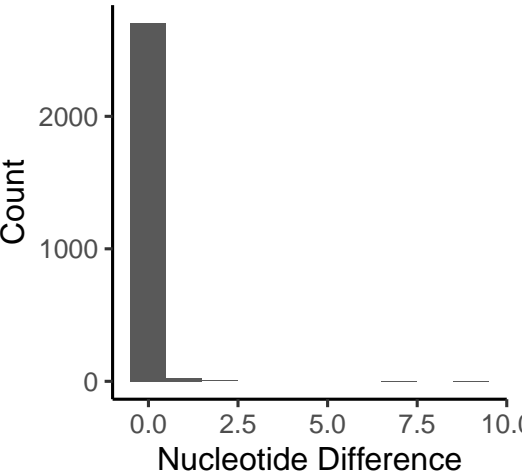
TRBV6-9*ap01

363 sequences assigned
194 (53.4%) exact matches, in which:
191 unique CDR3
13 unique J



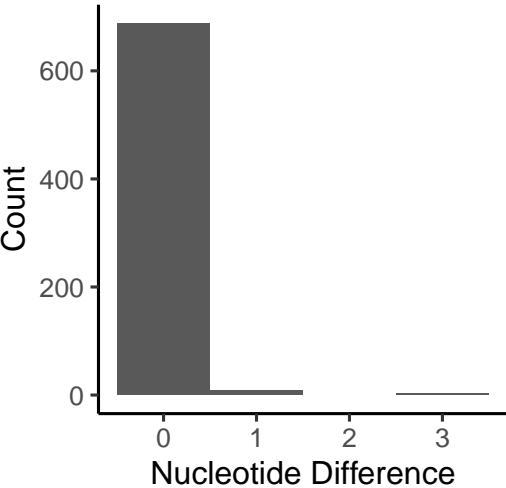
TRBV5-8*ap01

2737 sequences assigned
2704 (98.8%) exact matches, in which:
2683 unique CDR3
13 unique J



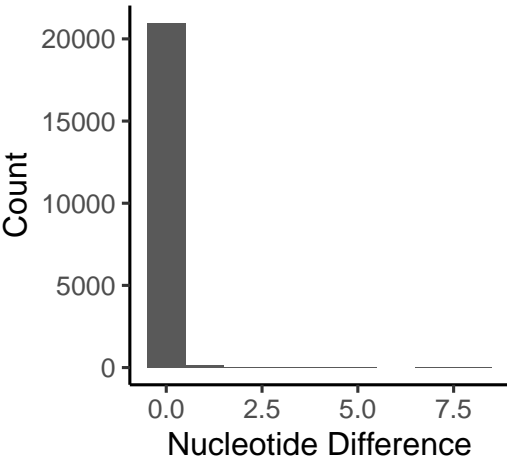
TRBV6-7*ap01

699 sequences assigned
688 (98.4%) exact matches, in which:
675 unique CDR3
13 unique J



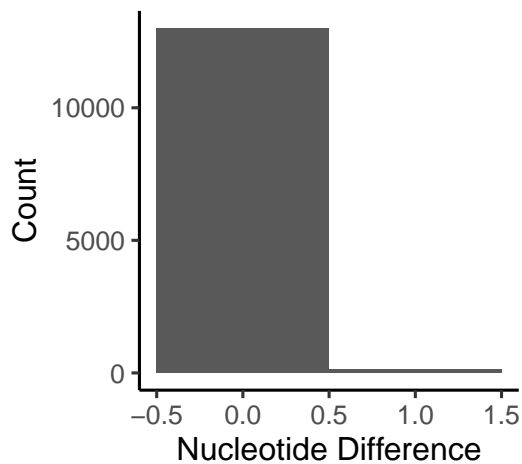
TRBV6-23*ap01

21172 sequences assigned
20979 (99.1%) exact matches, in which:
20763 unique CDR3
13 unique J



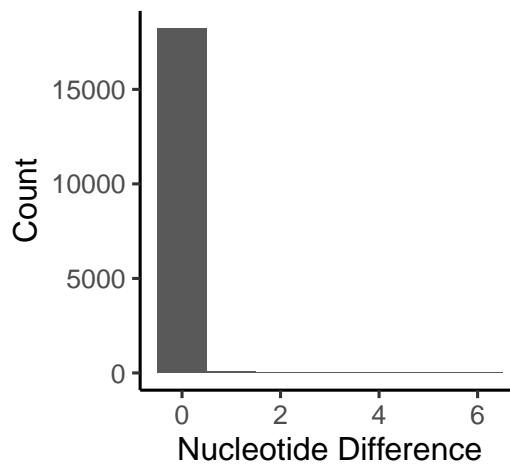
TRBV6-56*ap01

13126 sequences assigned
13003 (99.1%) exact matches, in which:
12882 unique CDR3
13 unique J



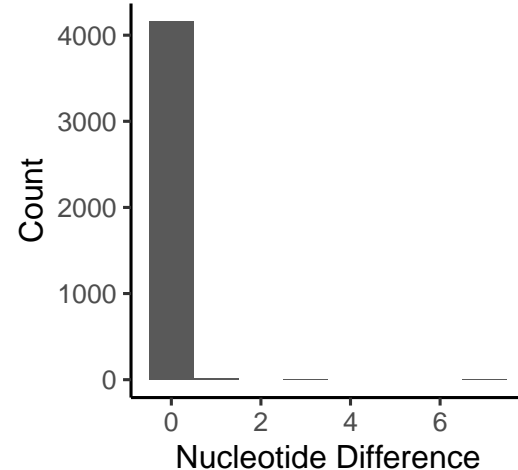
TRBV7-2*ap01

18335 sequences assigned
18239 (99.5%) exact matches, in which:
18167 unique CDR3
13 unique J



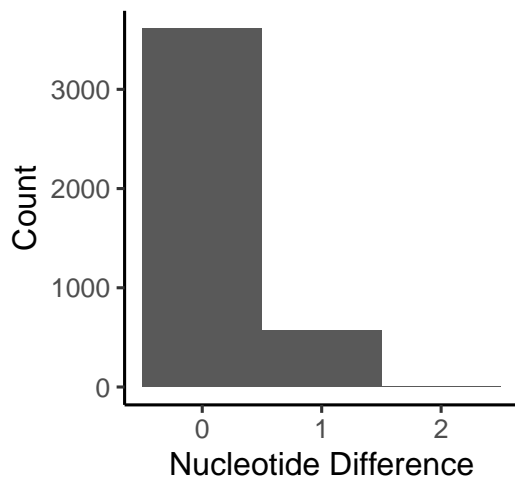
TRBV7-6*ap01

4186 sequences assigned
4160 (99.4%) exact matches, in which:
4131 unique CDR3
13 unique J



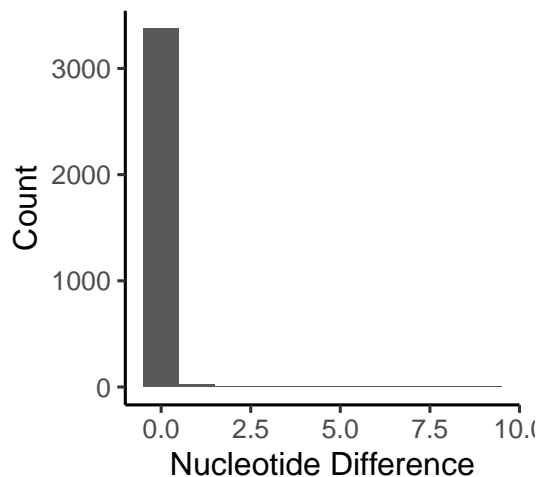
TRBV6-56*ap02

4179 sequences assigned
3611 (86.4%) exact matches, in which:
3585 unique CDR3
13 unique J



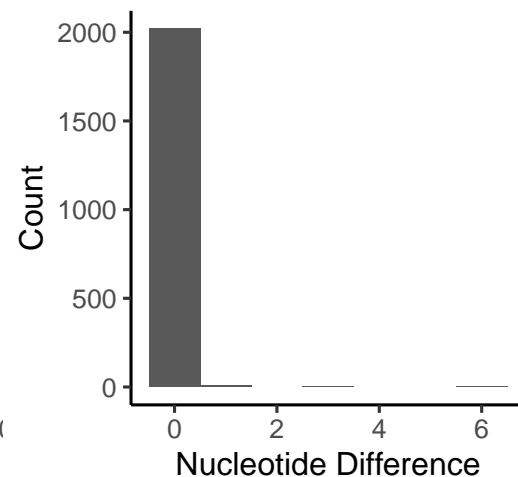
TRBV7-3*ap02

3412 sequences assigned
3374 (98.9%) exact matches, in which:
3357 unique CDR3
13 unique J



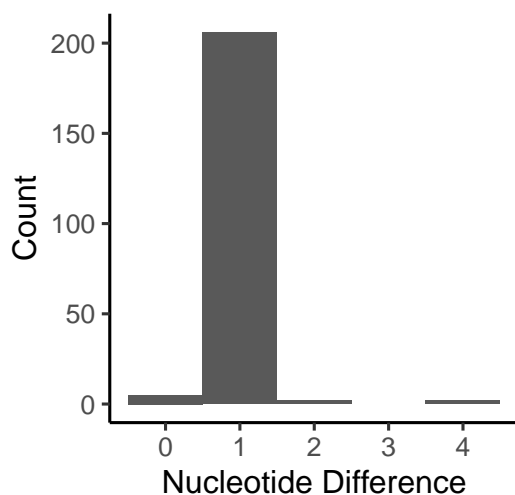
TRBV7-7*ap01

2033 sequences assigned
2020 (99.4%) exact matches, in which:
2006 unique CDR3
13 unique J



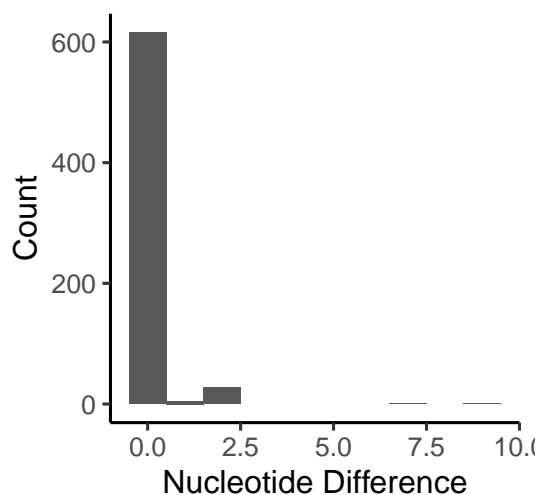
TRBV7-1*ap01_T296C

215 sequences assigned
5 (2.3%) exact matches, in which:
5 unique CDR3
5 unique J



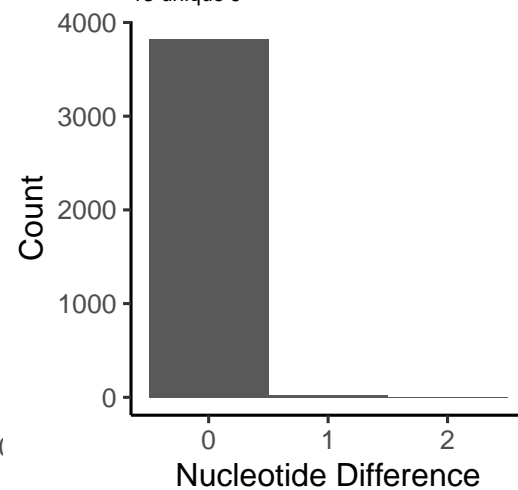
TRBV7-4*ap01

650 sequences assigned
616 (94.8%) exact matches, in which:
614 unique CDR3
13 unique J



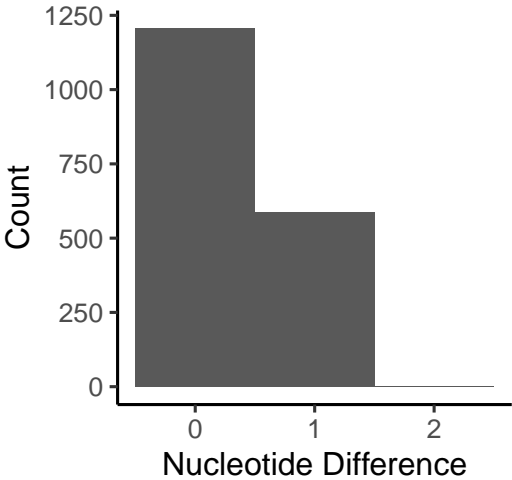
TRBV7-8*ap01

3846 sequences assigned
3823 (99.4%) exact matches, in which:
3789 unique CDR3
13 unique J



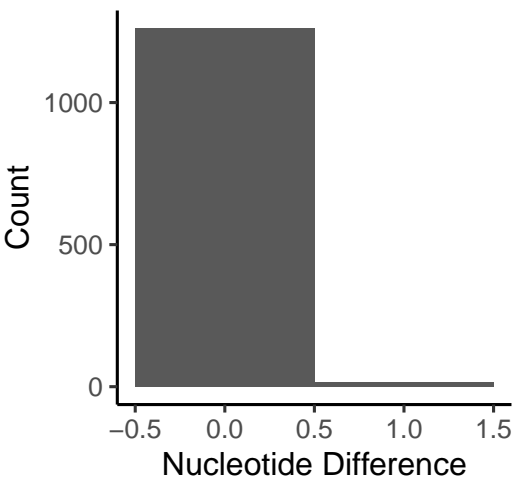
TRBV7-8*ap03

1795 sequences assigned
1206 (67.2%) exact matches, in which:
1198 unique CDR3
13 unique J



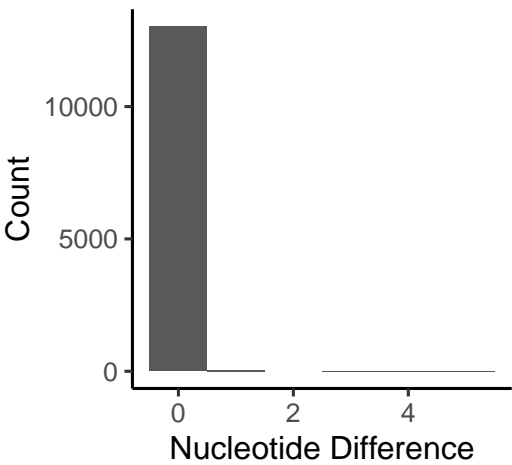
TRBV29-1*ap02

1277 sequences assigned
1261 (98.7%) exact matches, in which:
1244 unique CDR3
13 unique J



TRBV7-9*ap01

13085 sequences assigned
13027 (99.6%) exact matches, in which:
12987 unique CDR3
13 unique J



TRBV29-1*ap01

6652 sequences assigned
6601 (99.2%) exact matches, in which:
6545 unique CDR3
13 unique J

