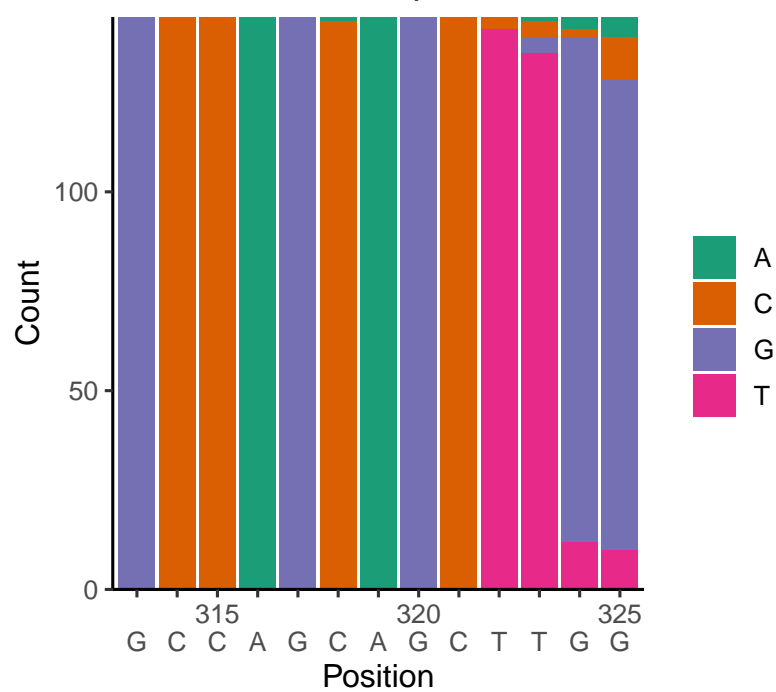
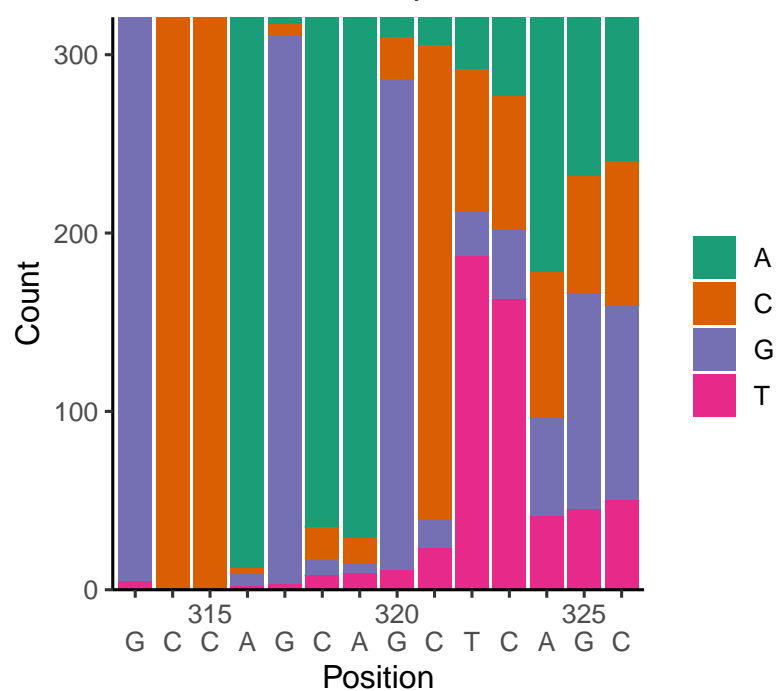


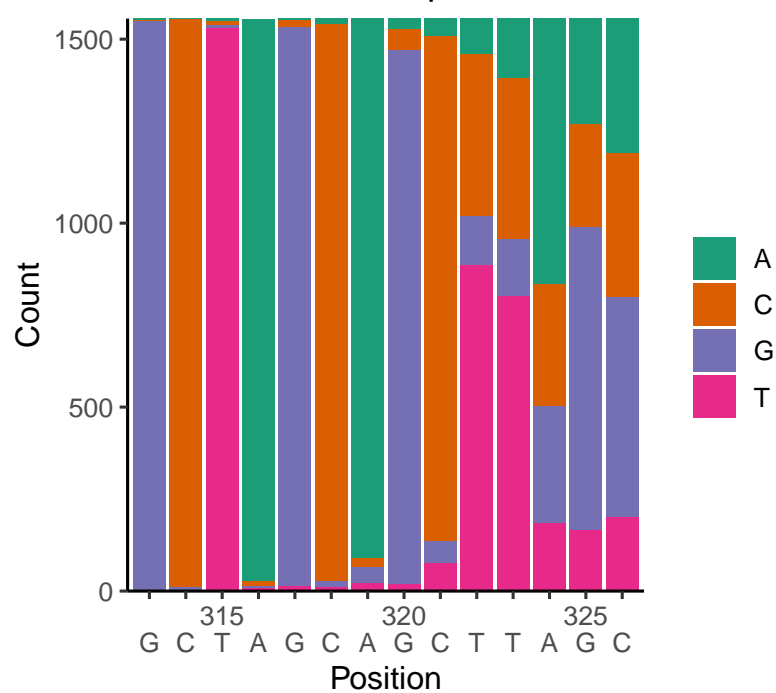
Gene TRBV5-7*ap01_G290A_G291A



Gene TRBV7-1*ap01_G291C_T296C



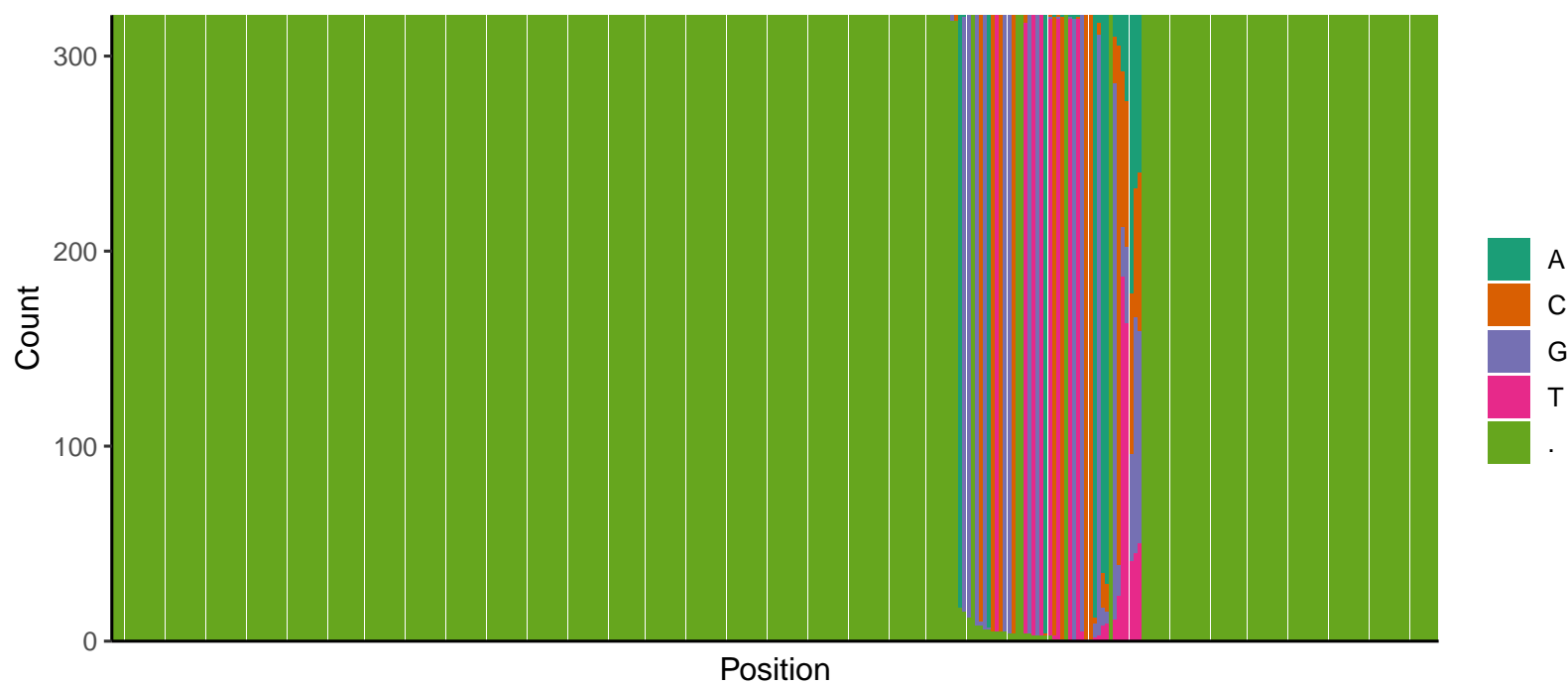
Gene TRBV7-7*ap01_C315T



Gene TRBV5-7*ap01_G290A_G291A



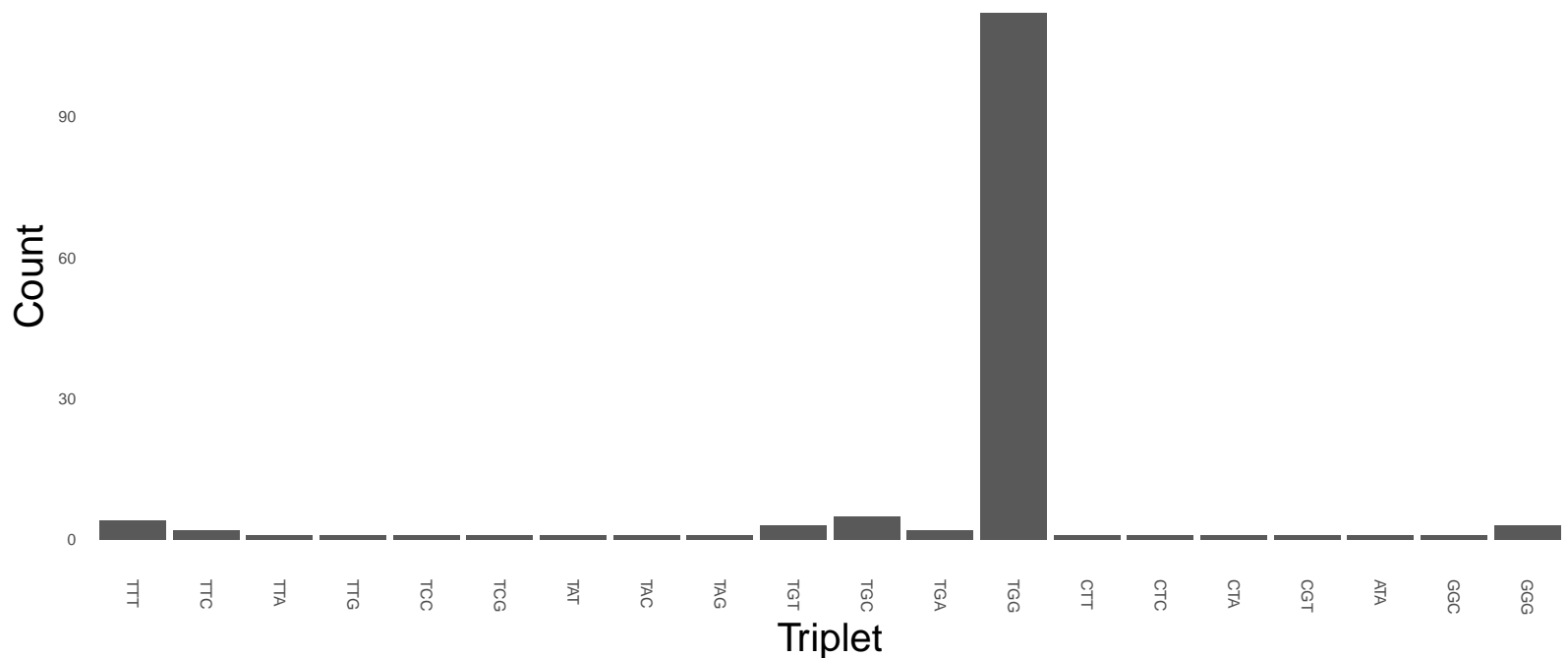
Gene TRBV7-1*ap01_G291C_T296C



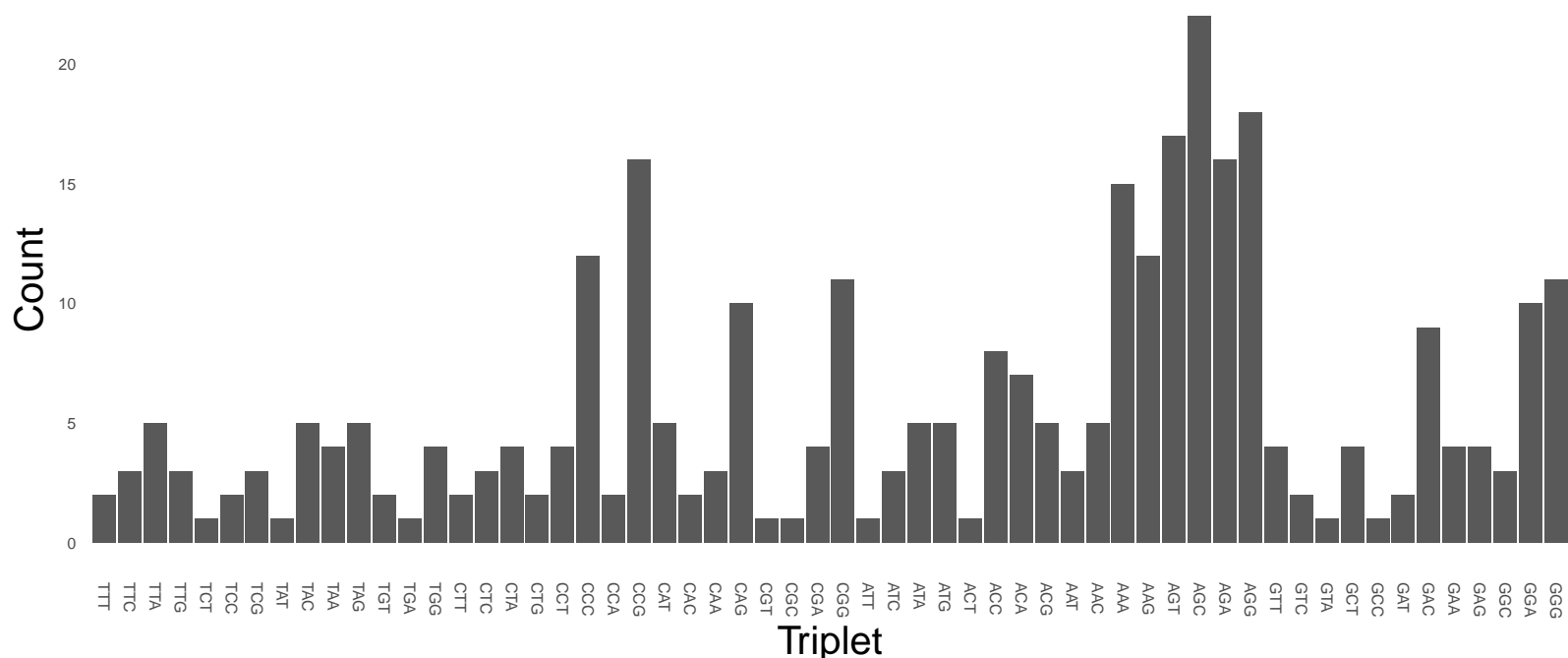
Gene TRBV7-7*ap01_C315T



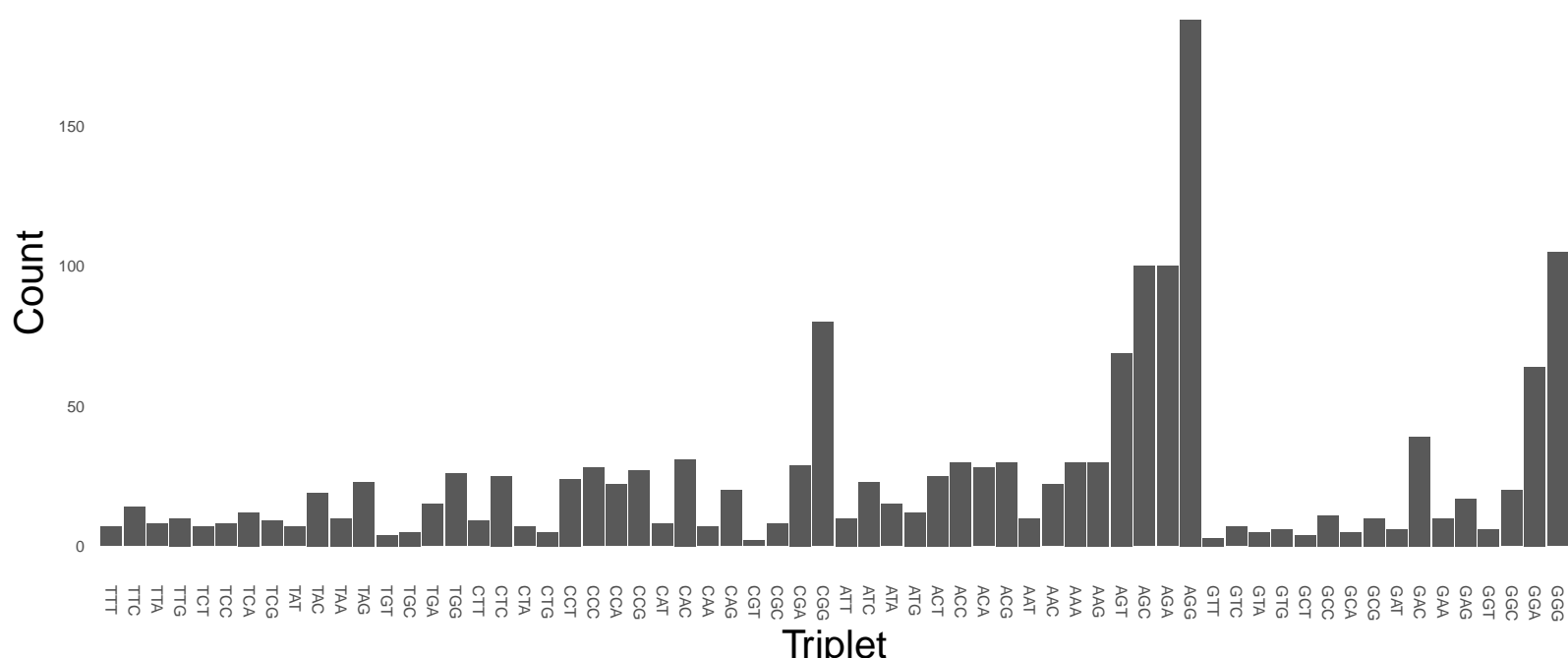
TRBV5-7*ap01_G290A_G291A- Final 3 nucleotides as a triplet



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

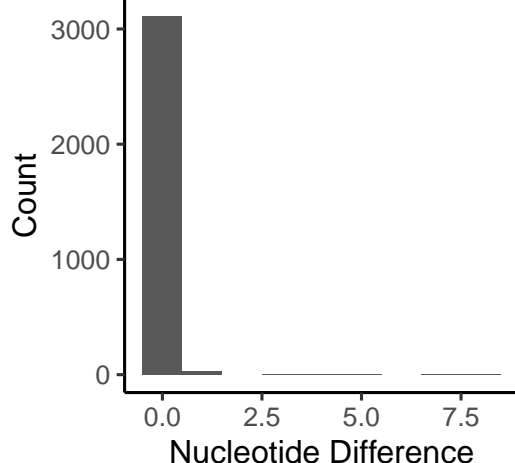


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



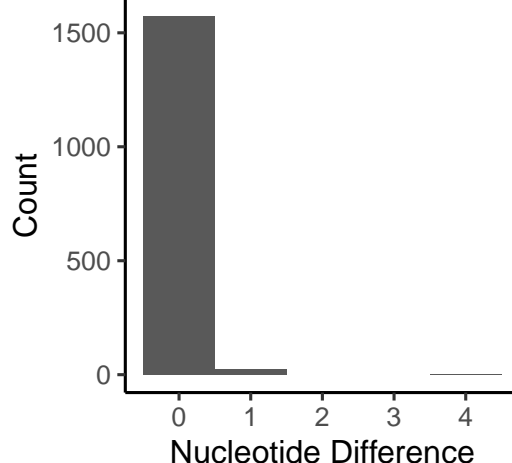
TRBV10-1*ap01

3151 sequences assigned
3109 (98.7%) exact matches, in which:
3051 unique CDR3
13 unique J



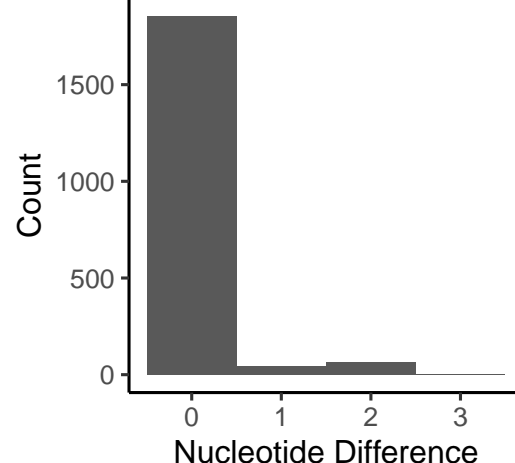
TRBV10-2*ap01

1598 sequences assigned
1572 (98.4%) exact matches, in which:
1522 unique CDR3
13 unique J



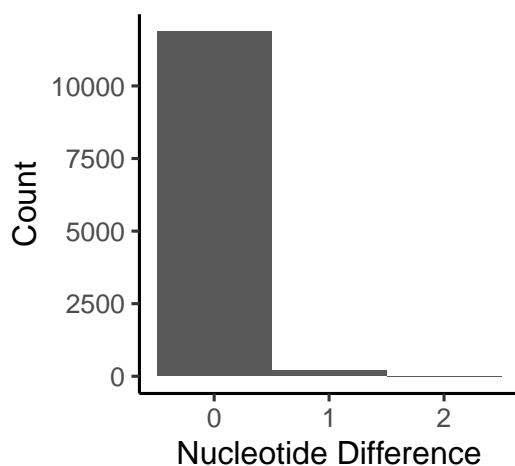
TRBV13*ap01

1965 sequences assigned
1853 (94.3%) exact matches, in which:
1798 unique CDR3
13 unique J



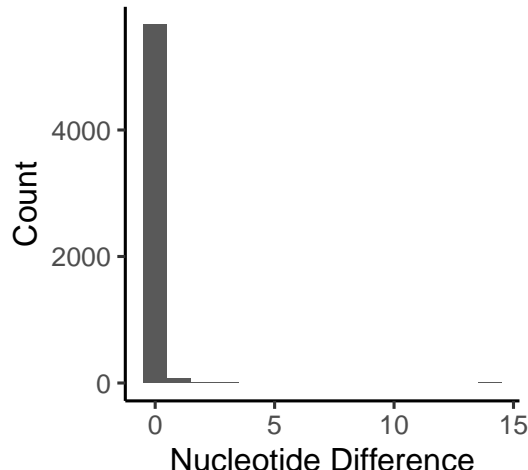
TRBV20-1*ap01

12081 sequences assigned
11876 (98.3%) exact matches, in which:
11697 unique CDR3
13 unique J



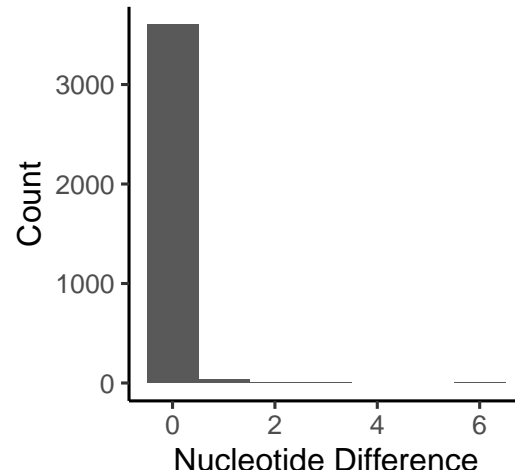
TRBV10-3*ap01

5741 sequences assigned
5664 (98.7%) exact matches, in which:
5528 unique CDR3
13 unique J



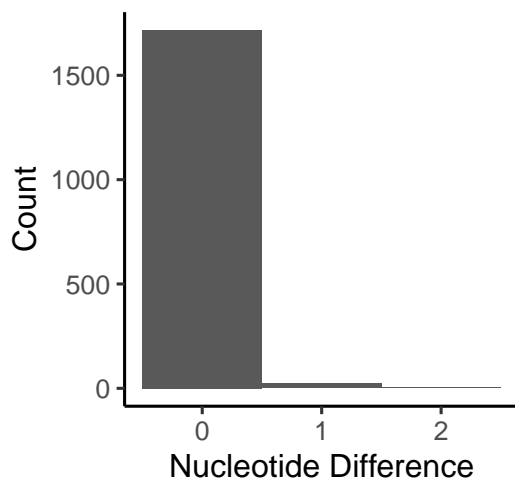
TRBV14*ap01

3643 sequences assigned
3601 (98.8%) exact matches, in which:
3538 unique CDR3
13 unique J



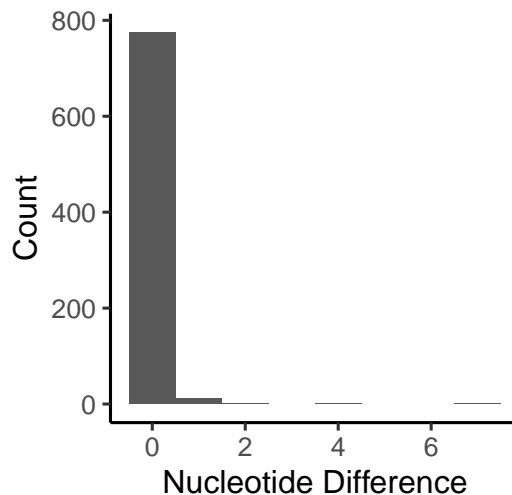
TRBV20-1*ap02

1744 sequences assigned
1717 (98.5%) exact matches, in which:
1682 unique CDR3
13 unique J



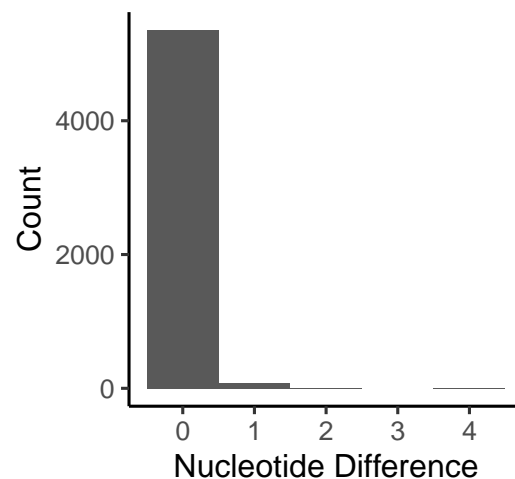
TRBV1*ap01

790 sequences assigned
775 (98.1%) exact matches, in which:
766 unique CDR3
13 unique J



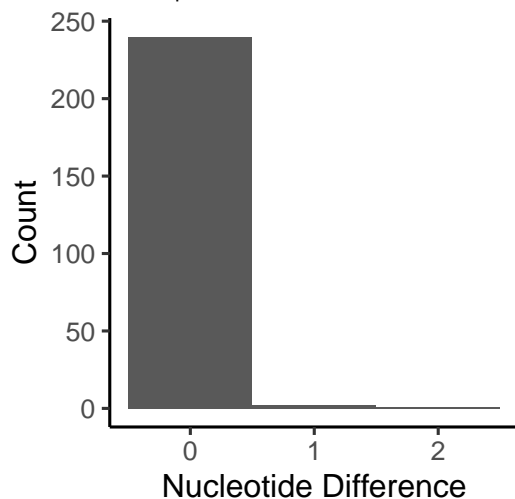
TRBV15*ap02

5444 sequences assigned
5356 (98.4%) exact matches, in which:
5175 unique CDR3
13 unique J



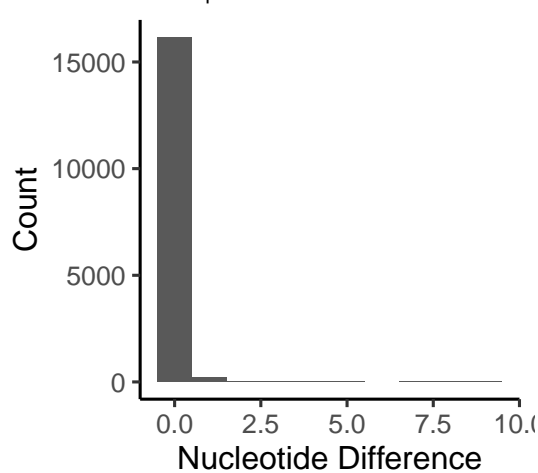
TRBV16*ap01

243 sequences assigned
240 (98.8%) exact matches, in which:
237 unique CDR3
13 unique J



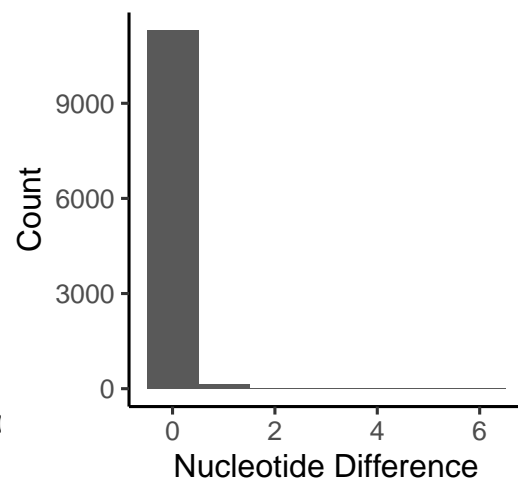
TRBV19*ap01

16397 sequences assigned
16164 (98.6%) exact matches, in which:
15961 unique CDR3
13 unique J



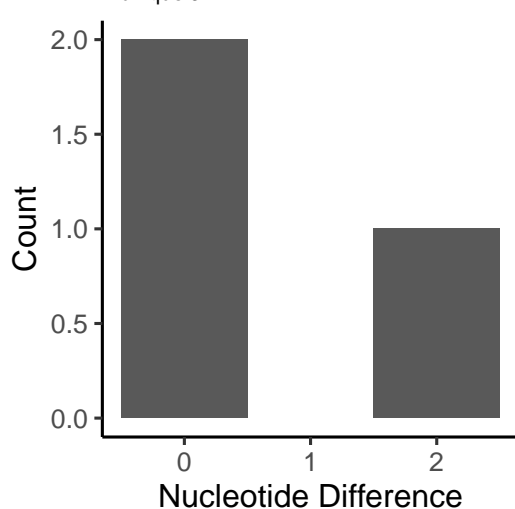
TRBV27*ap01

11450 sequences assigned
11298 (98.7%) exact matches, in which:
11061 unique CDR3
13 unique J



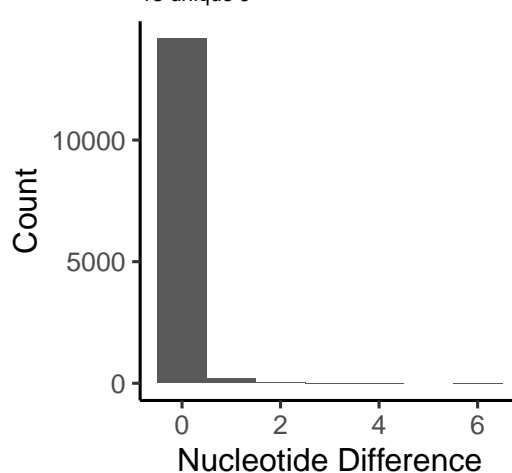
TRBV17*ap01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
2 unique J



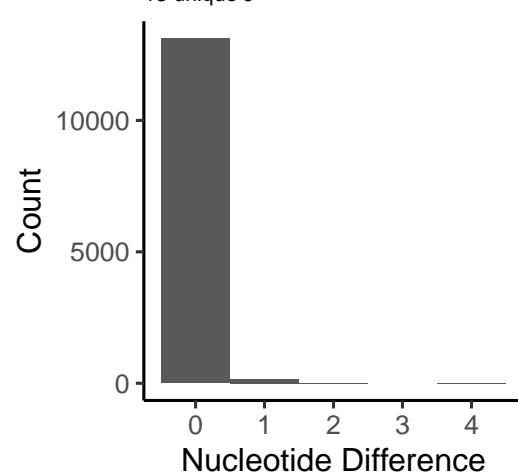
TRBV2*ap01

14402 sequences assigned
14177 (98.4%) exact matches, in which:
13929 unique CDR3
13 unique J



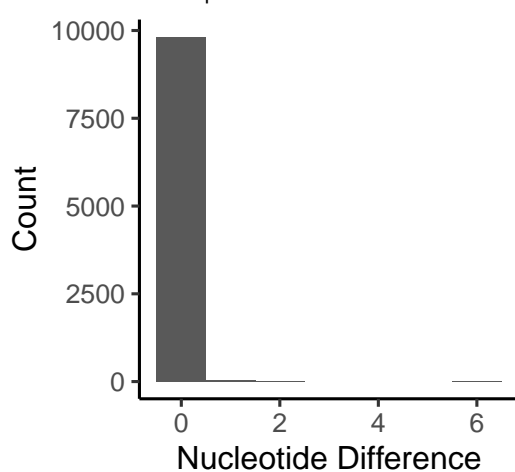
TRBV28*ap01

13285 sequences assigned
13117 (98.7%) exact matches, in which:
12883 unique CDR3
13 unique J



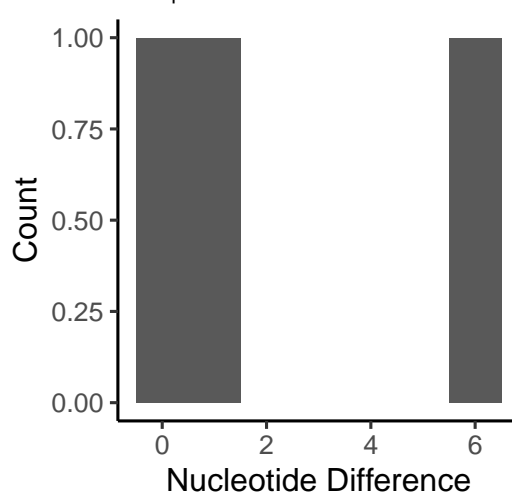
TRBV18*ap01

9880 sequences assigned
9821 (99.4%) exact matches, in which:
9665 unique CDR3
13 unique J



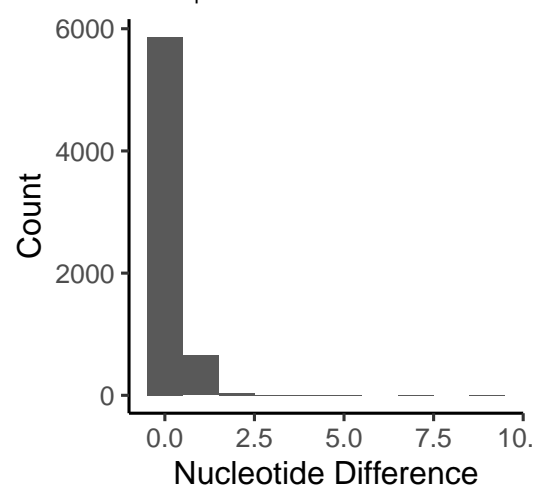
TRBV26*ap01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



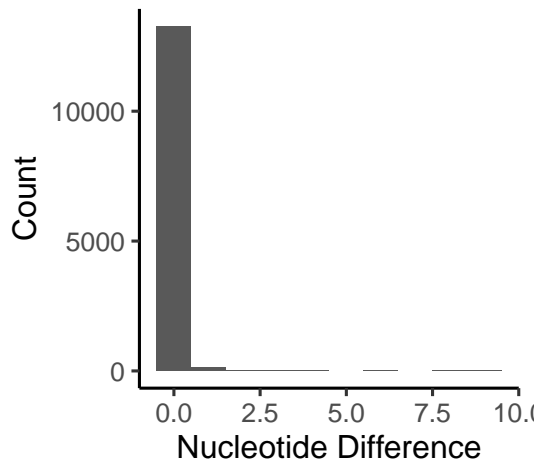
TRBV30*ap01

6564 sequences assigned
5864 (89.3%) exact matches, in which:
5767 unique CDR3
13 unique J



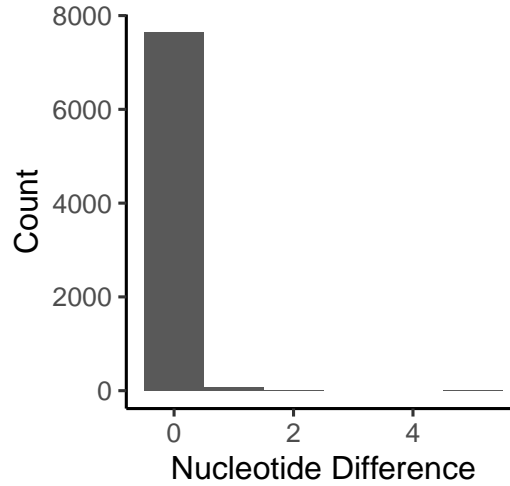
TRBV9*ap01

13431 sequences assigned
13275 (98.8%) exact matches, in which:
12975 unique CDR3
13 unique J



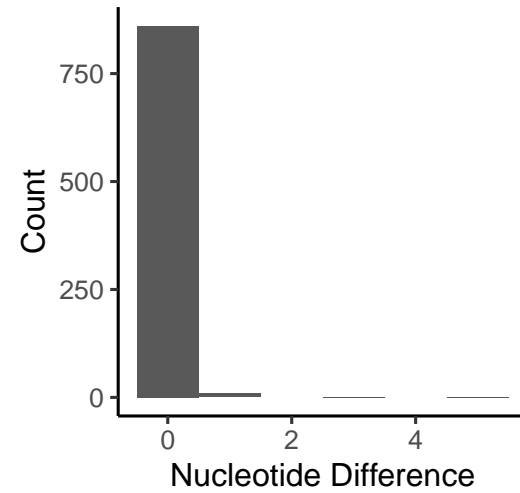
TRBV11-2*ap01

7717 sequences assigned
7641 (99%) exact matches, in which:
7552 unique CDR3
13 unique J



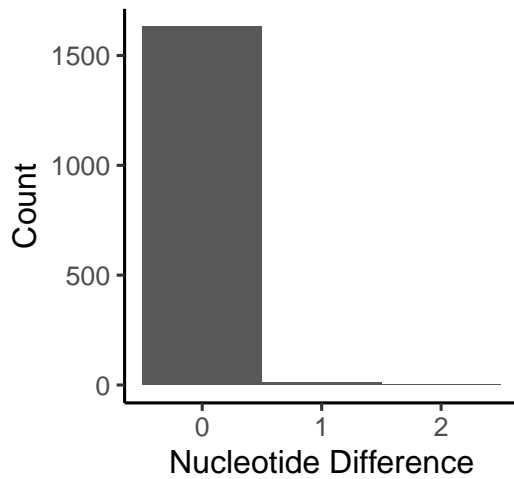
TRBV12-2*ap01

872 sequences assigned
861 (98.7%) exact matches, in which:
836 unique CDR3
13 unique J



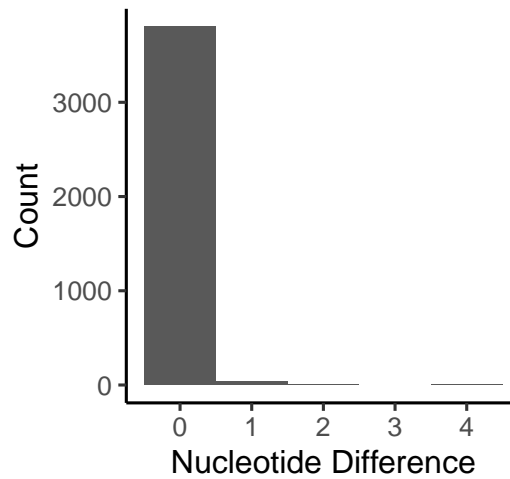
TRBV11-1*ap01

1642 sequences assigned
1631 (99.3%) exact matches, in which:
1601 unique CDR3
13 unique J



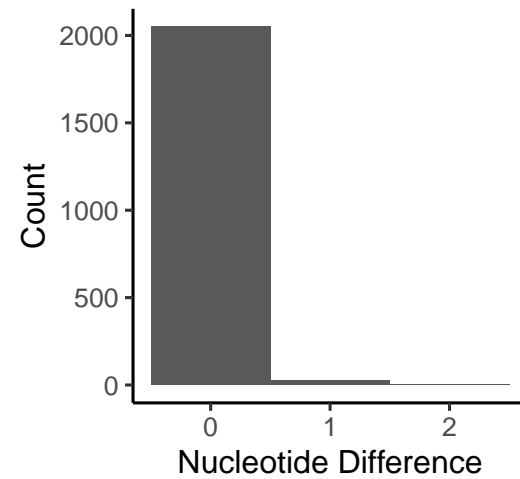
TRBV11-3*ap01

3840 sequences assigned
3802 (99%) exact matches, in which:
3756 unique CDR3
13 unique J



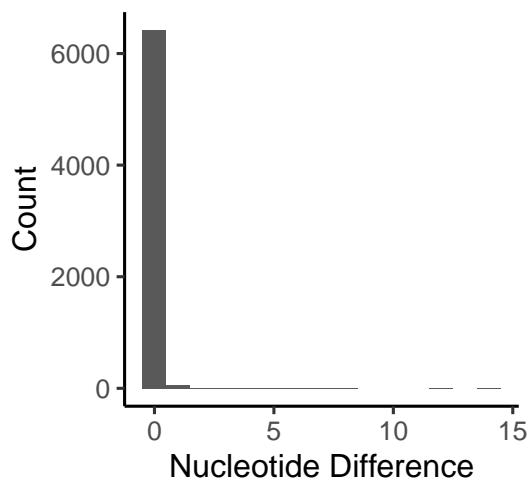
TRBV12-5*ap01

2079 sequences assigned
2050 (98.6%) exact matches, in which:
2000 unique CDR3
13 unique J



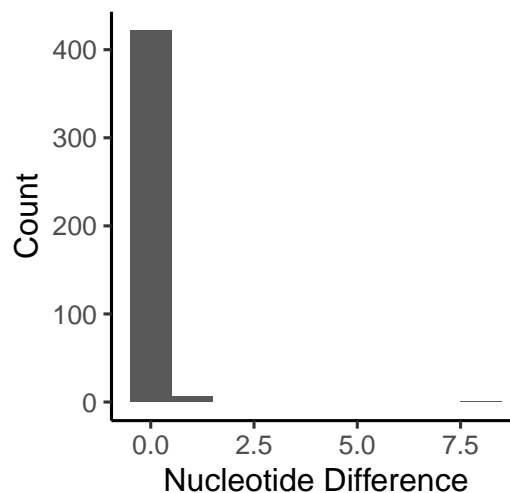
TRBV21-1*ap01

6529 sequences assigned
6421 (98.3%) exact matches, in which:
6315 unique CDR3
13 unique J



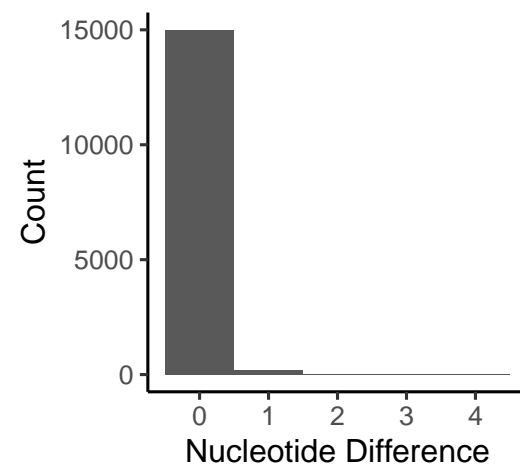
TRBV12-1*ap01

429 sequences assigned
422 (98.4%) exact matches, in which:
412 unique CDR3
13 unique J



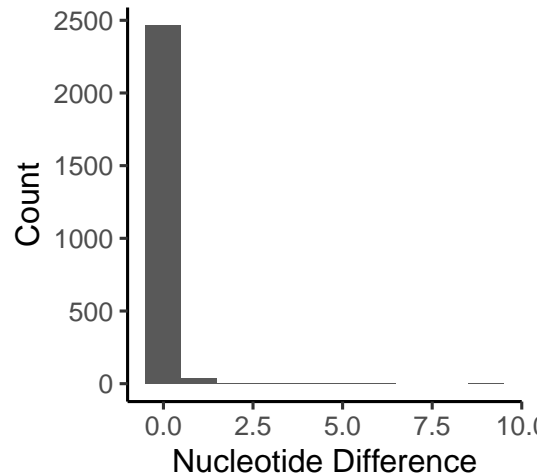
TRBV12-34*ap01

15235 sequences assigned
15002 (98.5%) exact matches, in which:
14708 unique CDR3
13 unique J



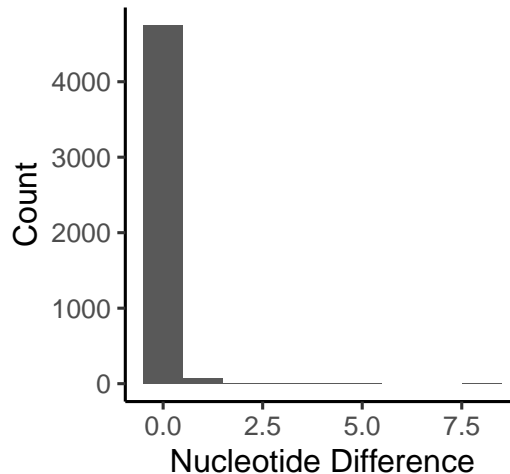
TRBV23-1*ap01

2512 sequences assigned
2465 (98.1%) exact matches, in which:
2409 unique CDR3
13 unique J



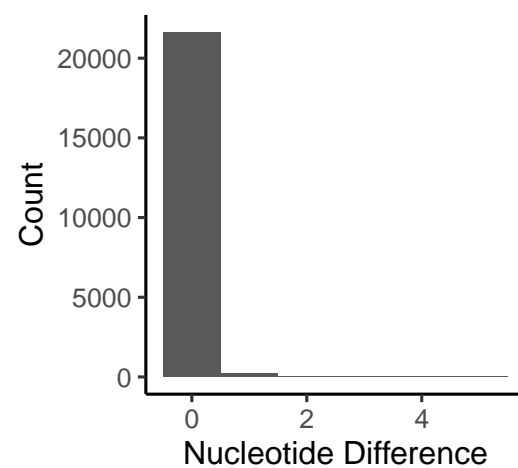
TRBV24-1*ap01

4831 sequences assigned
4746 (98.2%) exact matches, in which:
4661 unique CDR3
13 unique J



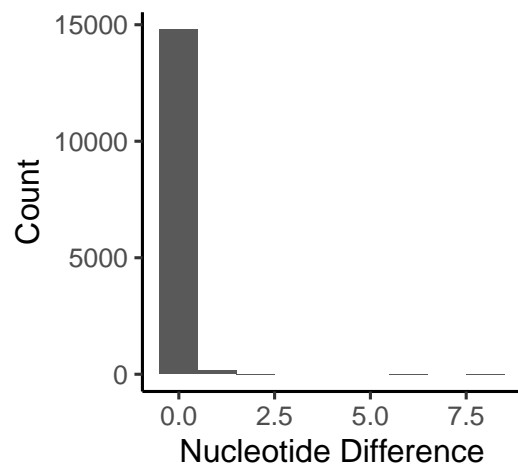
TRBV5-1*ap01

21902 sequences assigned
21634 (98.8%) exact matches, in which:
20797 unique CDR3
13 unique J



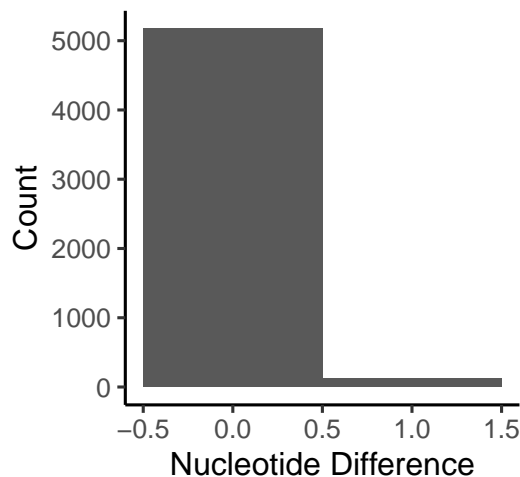
TRBV3-12*ap01

14977 sequences assigned
14797 (98.8%) exact matches, in which:
14593 unique CDR3
13 unique J



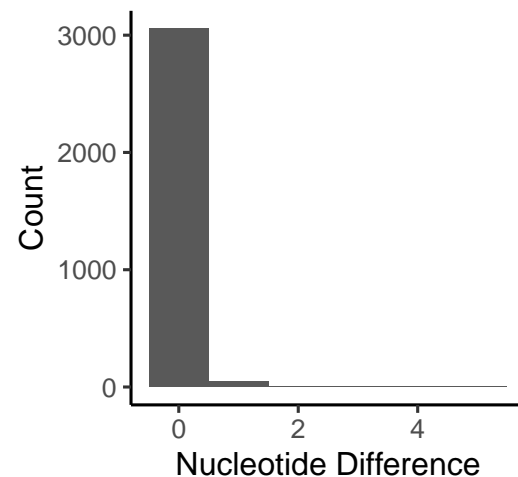
TRBV4-2*ap01

5294 sequences assigned
5173 (97.7%) exact matches, in which:
5094 unique CDR3
13 unique J



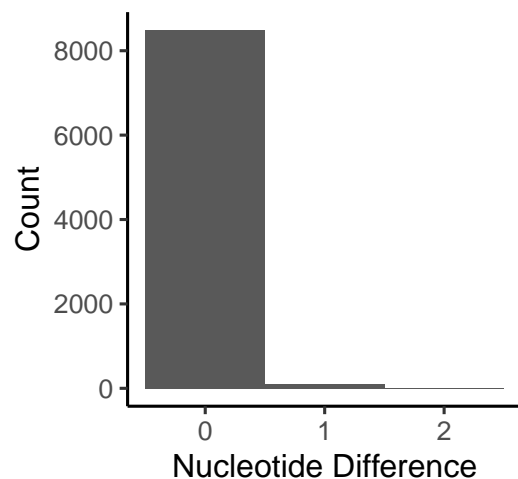
TRBV25-1*ap01

3112 sequences assigned
3055 (98.2%) exact matches, in which:
3012 unique CDR3
13 unique J



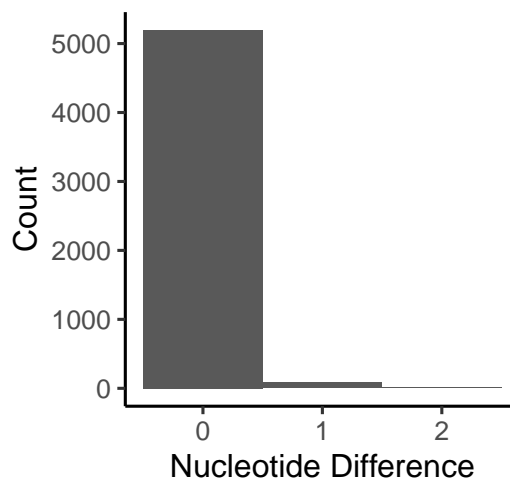
TRBV4-1*ap01

8599 sequences assigned
8490 (98.7%) exact matches, in which:
8325 unique CDR3
13 unique J



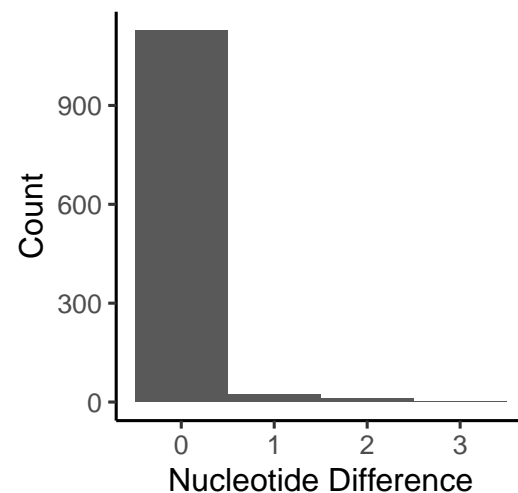
TRBV4-3*ap01

5289 sequences assigned
5196 (98.2%) exact matches, in which:
5084 unique CDR3
14 unique J



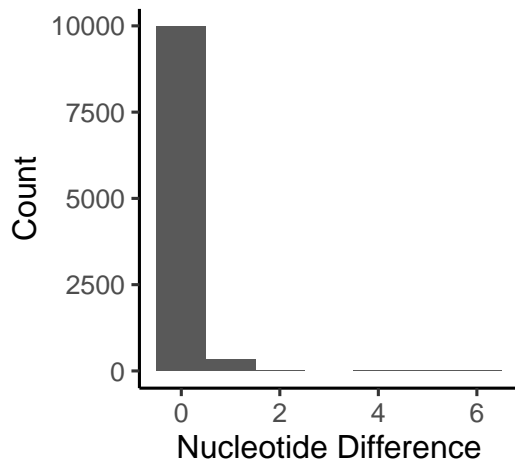
TRBV5-3*ap01

1162 sequences assigned
1128 (97.1%) exact matches, in which:
1094 unique CDR3
13 unique J



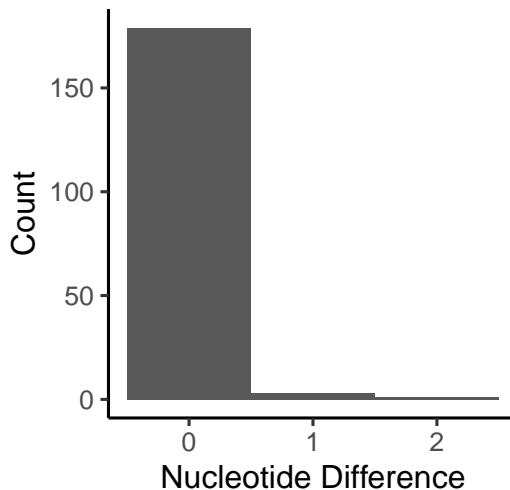
TRBV5-4*ap01

10325 sequences assigned
9992 (96.8%) exact matches, in which:
9828 unique CDR3
13 unique J



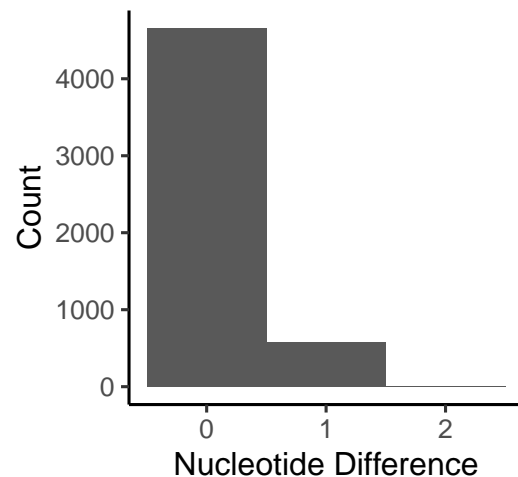
TRBV5-7*ap01

183 sequences assigned
179 (97.8%) exact matches, in which:
177 unique CDR3
13 unique J



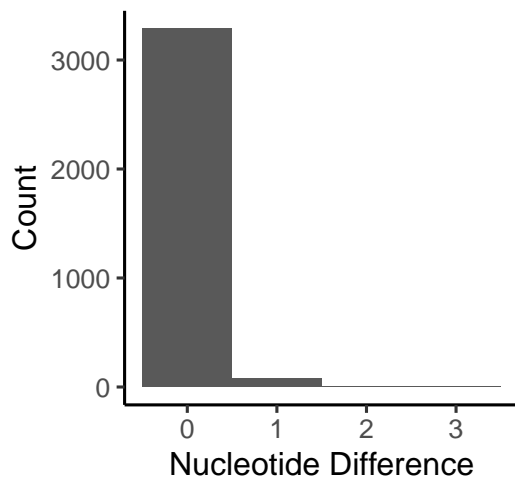
TRBV6-1*ap01

5237 sequences assigned
4654 (88.9%) exact matches, in which:
4548 unique CDR3
13 unique J



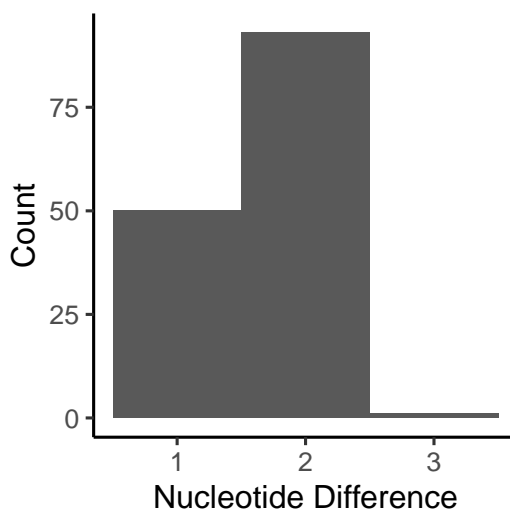
TRBV5-5*ap01

3365 sequences assigned
3287 (97.7%) exact matches, in which:
3197 unique CDR3
13 unique J



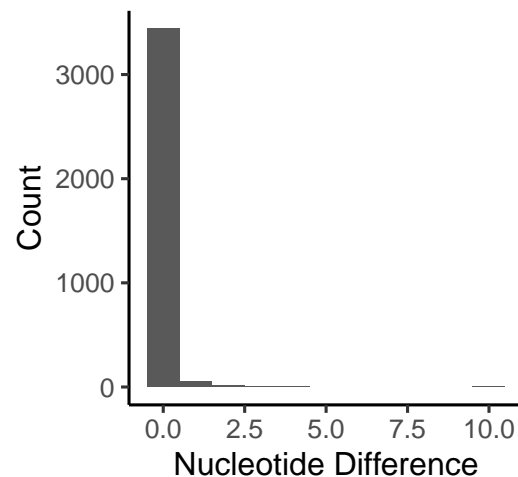
TRBV5-7*ap01_G290A_C

144 sequences assigned
No exact matches.



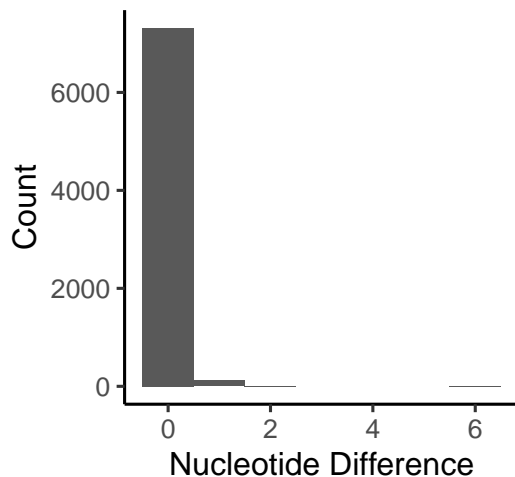
TRBV6-4*ap01

3504 sequences assigned
3440 (98.2%) exact matches, in which:
3385 unique CDR3
13 unique J



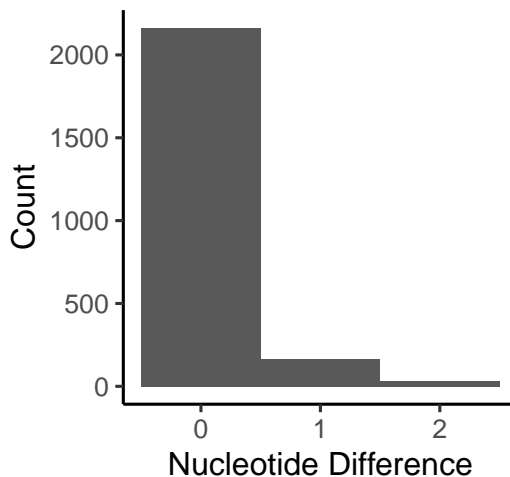
TRBV5-6*ap01

7435 sequences assigned
7314 (98.4%) exact matches, in which:
6850 unique CDR3
13 unique J



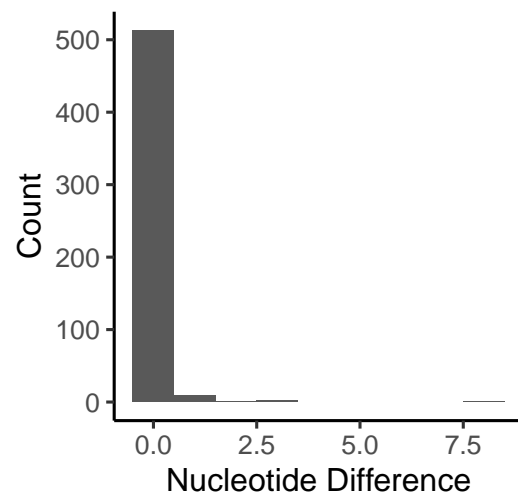
TRBV5-8*ap01

2360 sequences assigned
2162 (91.6%) exact matches, in which:
2124 unique CDR3
13 unique J



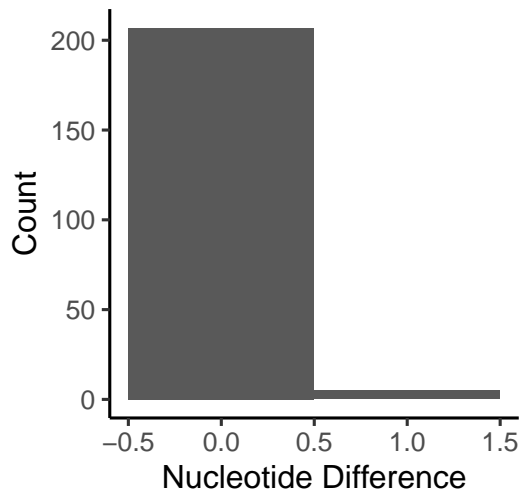
TRBV6-7*ap01

526 sequences assigned
513 (97.5%) exact matches, in which:
500 unique CDR3
13 unique J



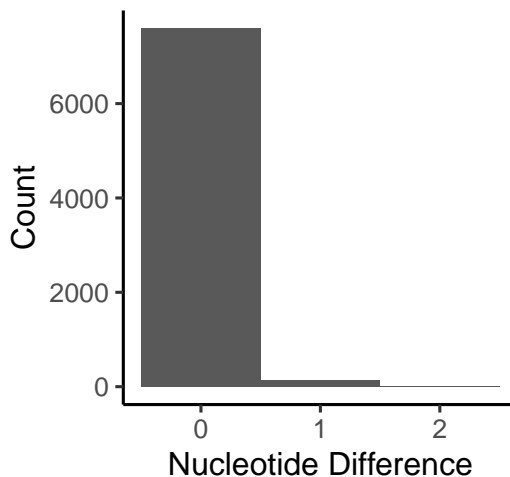
TRBV6-8*ap01

212 sequences assigned
207 (97.6%) exact matches, in which:
202 unique CDR3
13 unique J



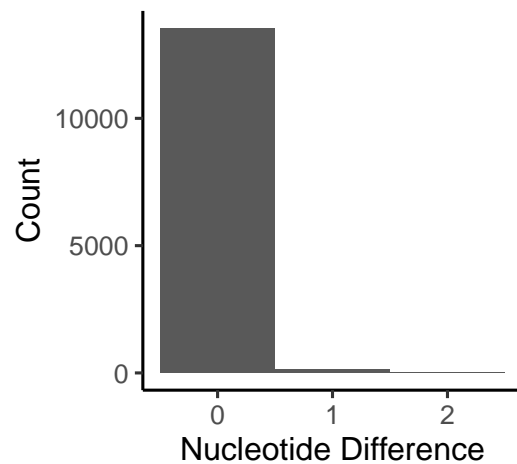
TRBV6-56*ap01

7749 sequences assigned
7594 (98%) exact matches, in which:
7410 unique CDR3
13 unique J



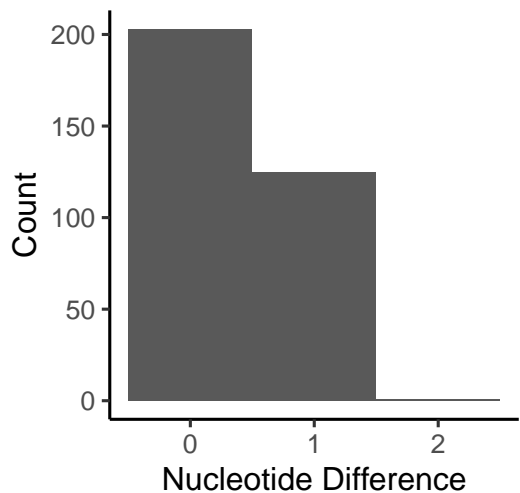
TRBV7-2*ap01

13697 sequences assigned
13543 (98.9%) exact matches, in which:
13331 unique CDR3
13 unique J



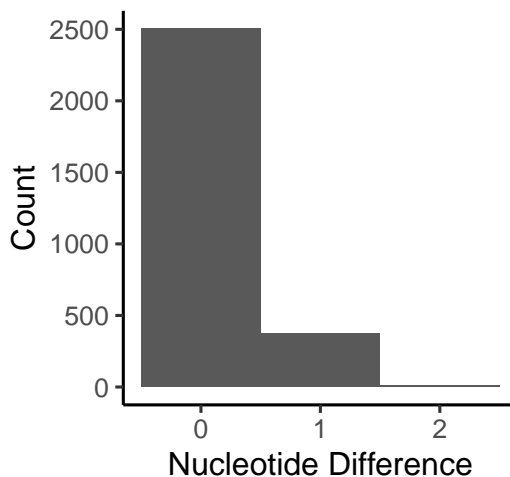
TRBV6-9*ap01

329 sequences assigned
203 (61.7%) exact matches, in which:
198 unique CDR3
13 unique J



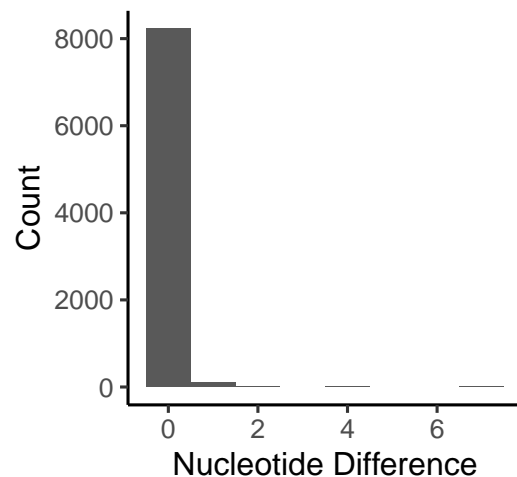
TRBV6-56*ap02

2882 sequences assigned
2504 (86.9%) exact matches, in which:
2445 unique CDR3
13 unique J



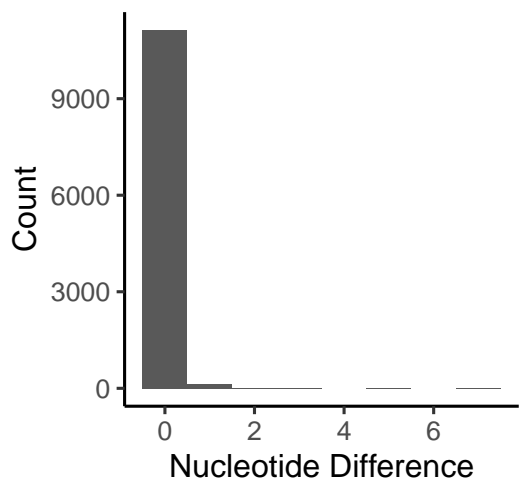
TRBV7-3*ap01

8336 sequences assigned
8227 (98.7%) exact matches, in which:
8032 unique CDR3
13 unique J



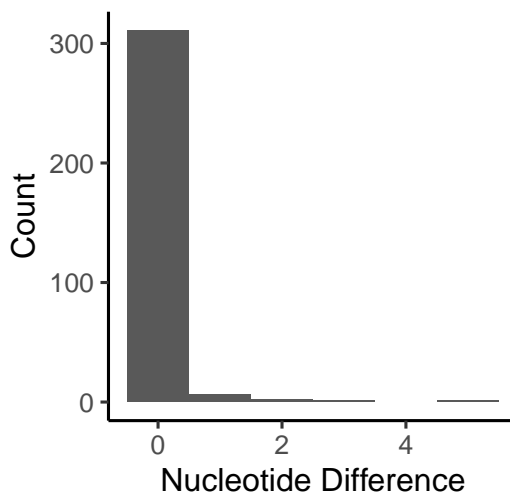
TRBV6-23*ap01

11289 sequences assigned
11133 (98.6%) exact matches, in which:
10951 unique CDR3
13 unique J



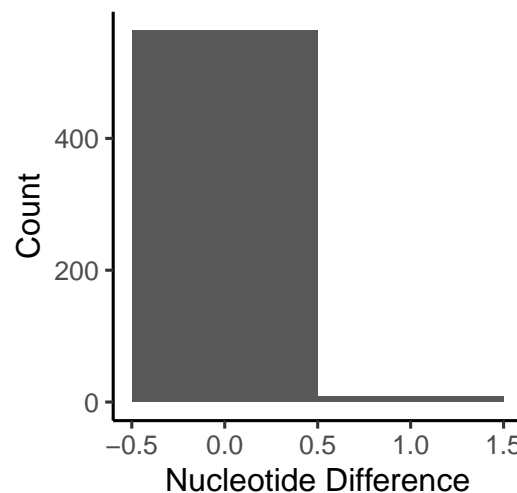
TRBV7-1*ap01_G291C_

321 sequences assigned
311 (96.9%) exact matches, in which:
308 unique CDR3
13 unique J



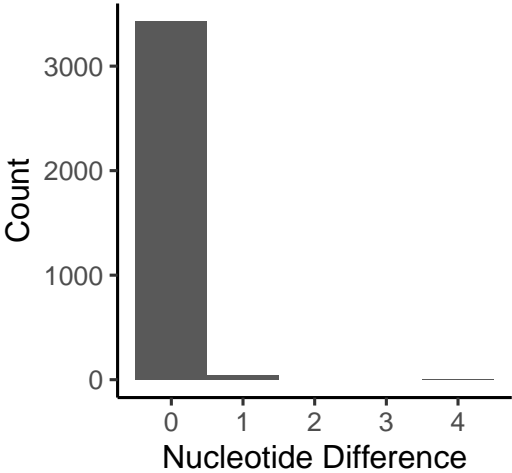
TRBV7-4*ap01

572 sequences assigned
564 (98.6%) exact matches, in which:
544 unique CDR3
13 unique J



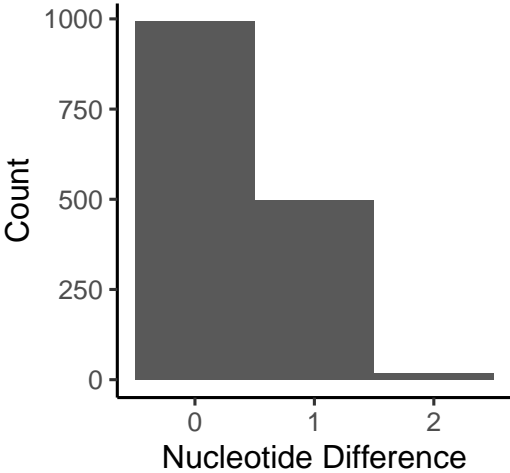
TRBV7-6*ap01

3469 sequences assigned
3428 (98.8%) exact matches, in which:
3364 unique CDR3
13 unique J



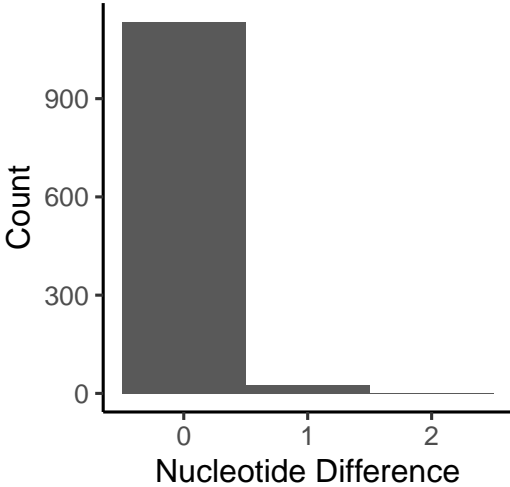
TRBV7-8*ap03

1507 sequences assigned
993 (65.9%) exact matches, in which:
977 unique CDR3
13 unique J



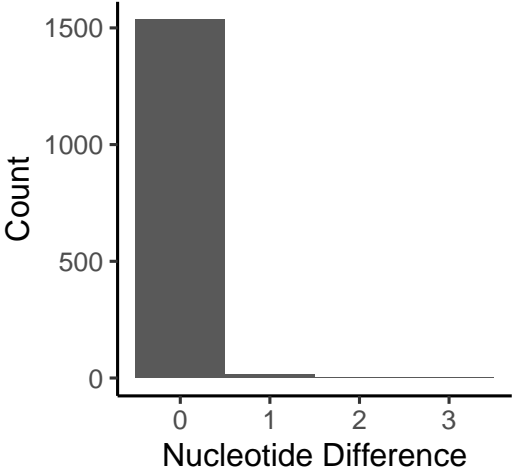
TRBV29-1*ap02

1163 sequences assigned
1135 (97.6%) exact matches, in which:
1104 unique CDR3
13 unique J



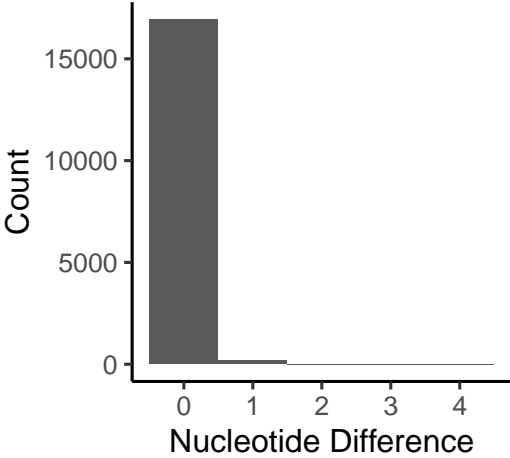
TRBV7-7*ap01_C315T

1556 sequences assigned
1535 (98.7%) exact matches, in which:
1513 unique CDR3
13 unique J



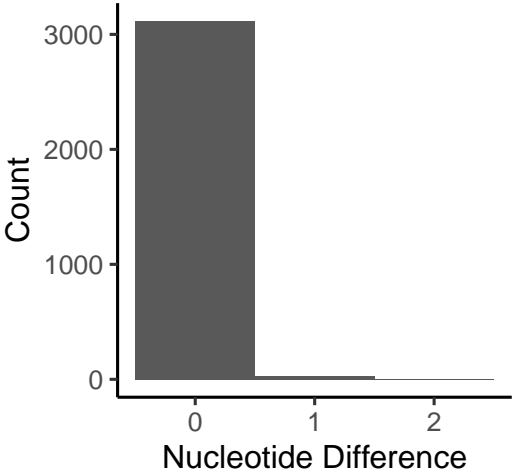
TRBV7-9*ap01

17137 sequences assigned
16933 (98.8%) exact matches, in which:
16681 unique CDR3
13 unique J



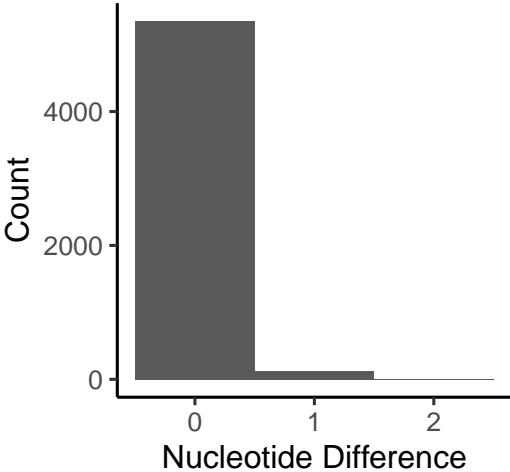
TRBV7-8*ap01

3148 sequences assigned
3116 (99%) exact matches, in which:
3064 unique CDR3
13 unique J

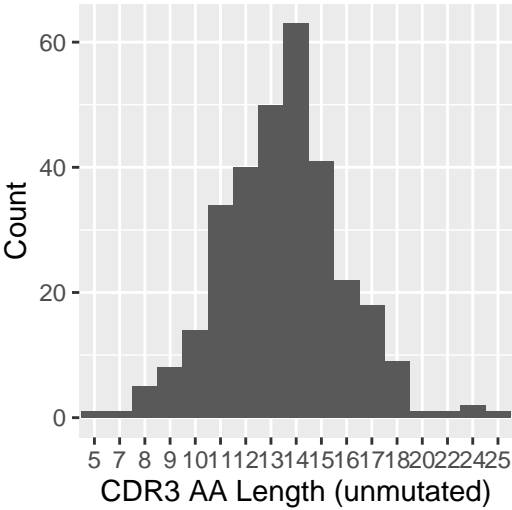


TRBV29-1*ap01

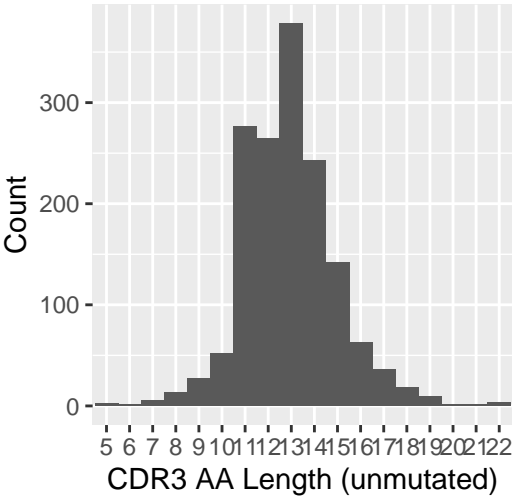
5480 sequences assigned
5351 (97.6%) exact matches, in which:
5278 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.