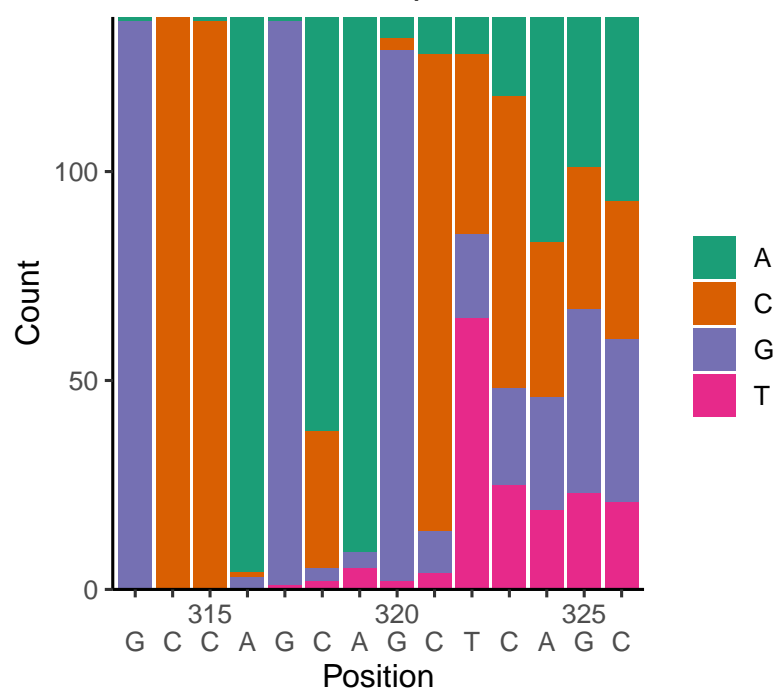
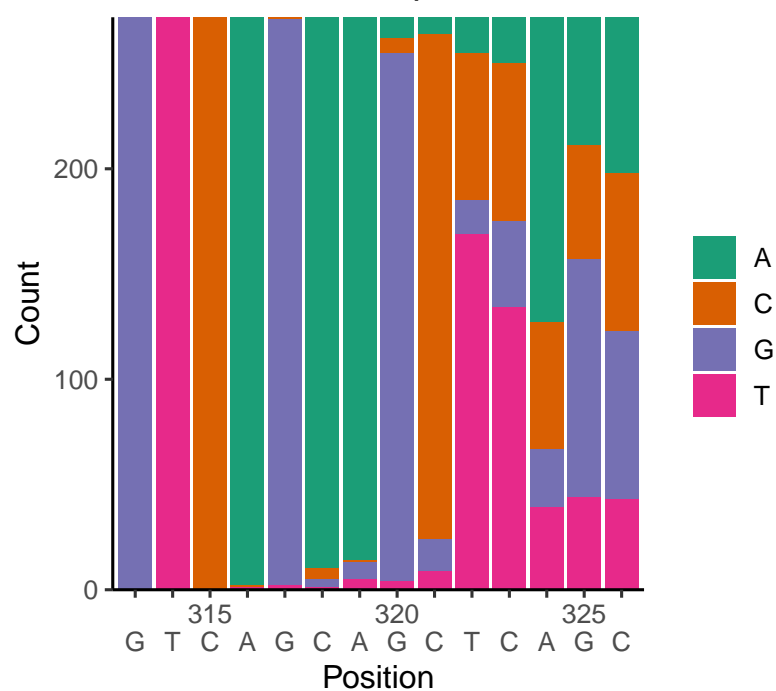


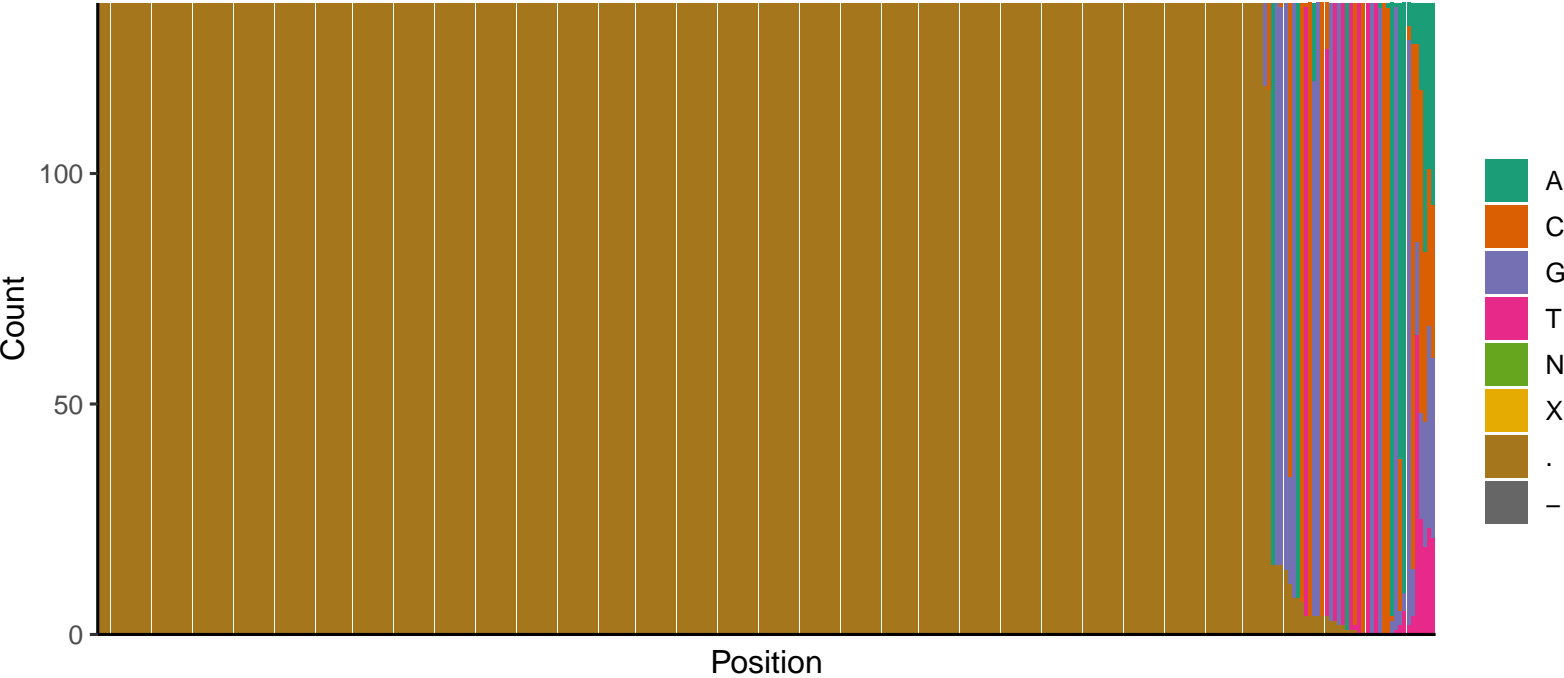
Gene TRBV7-1*ap01_T296C



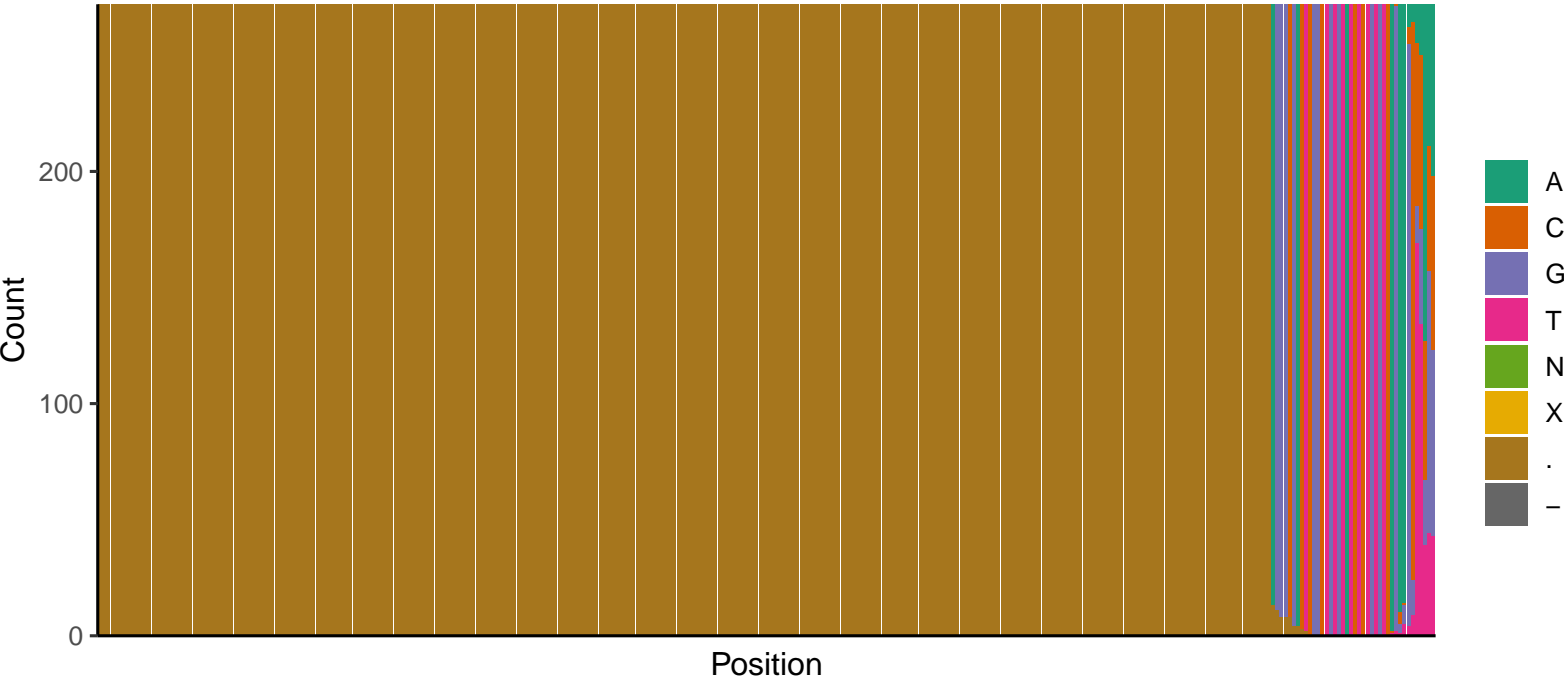
Gene TRBV7-1*ap01_T296C_C314T



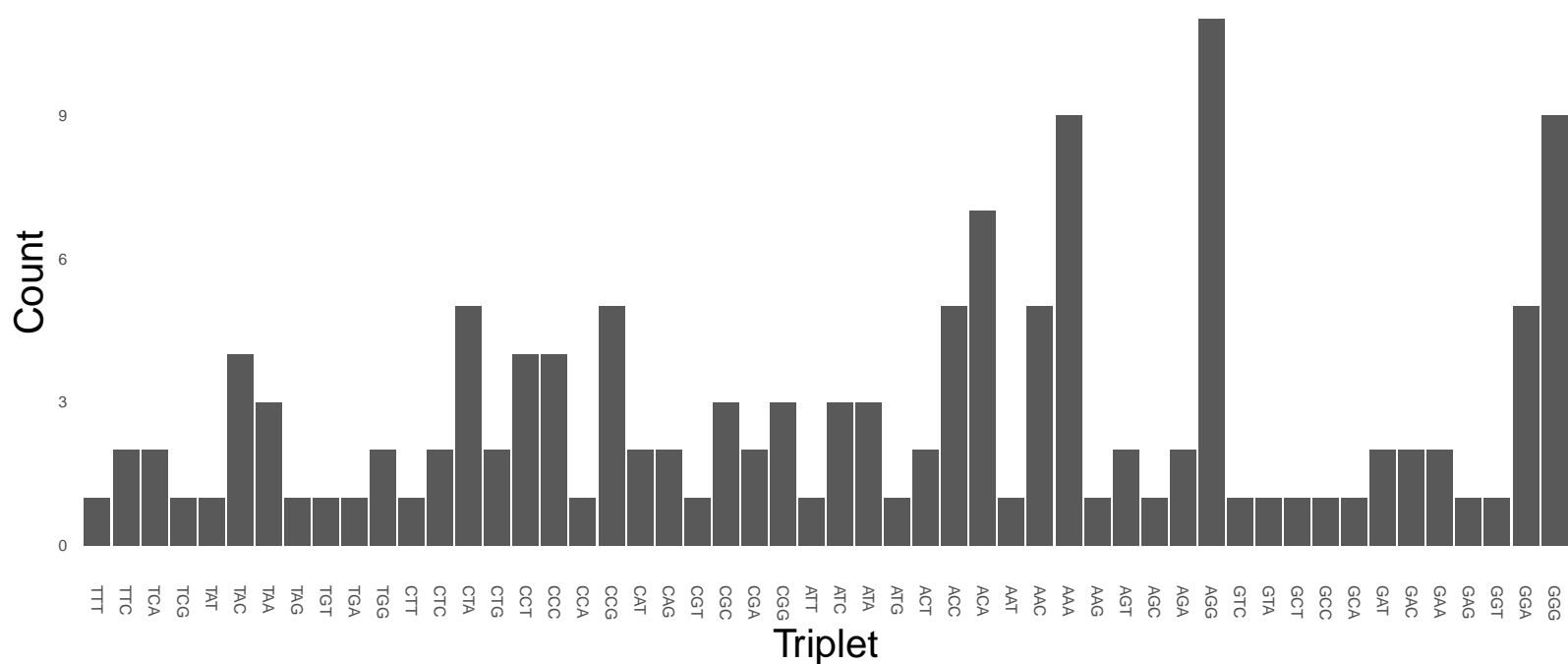
Gene TRBV7-1*ap01_T296C



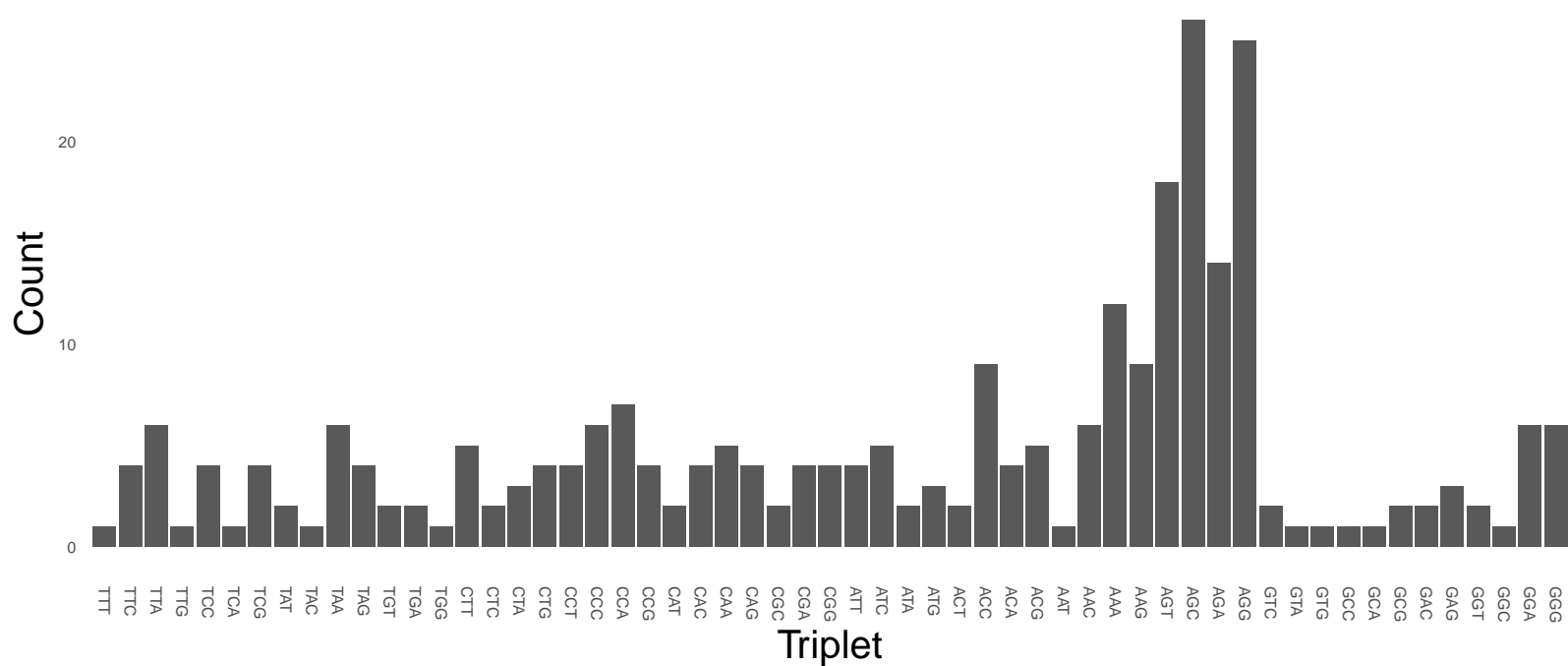
Gene TRBV7-1*ap01_T296C_C314T



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

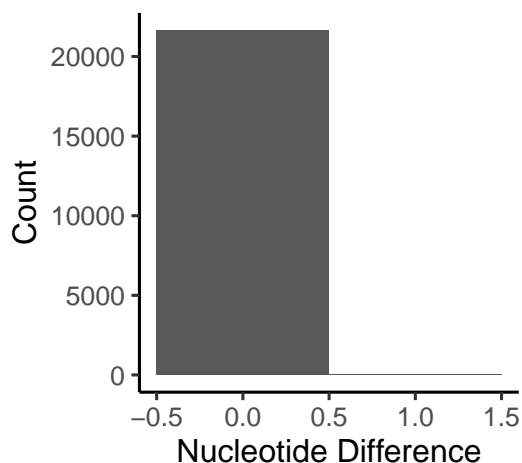


TRBV7-1*ap01_T296C_C314T- Final 3 nucleotides as a triplet



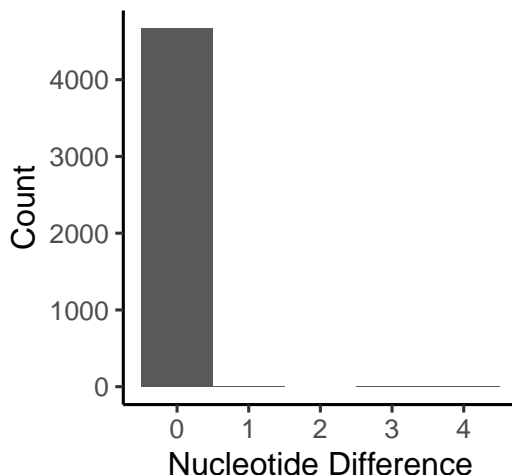
TRBV20-1*ap01

21708 sequences assigned
21657 (99.8%) exact matches, in which:
21629 unique CDR3
13 unique J



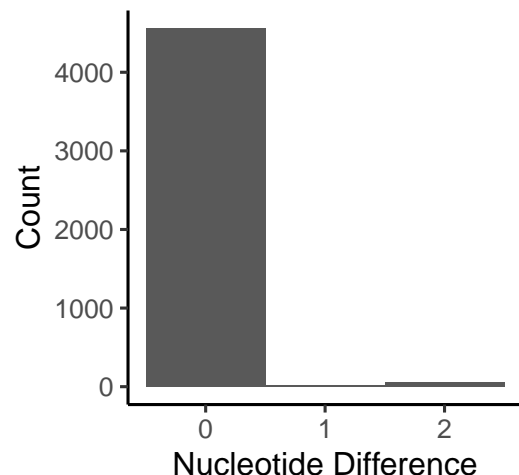
TRBV10-2*ap01

4676 sequences assigned
4668 (99.8%) exact matches, in which:
4665 unique CDR3
13 unique J



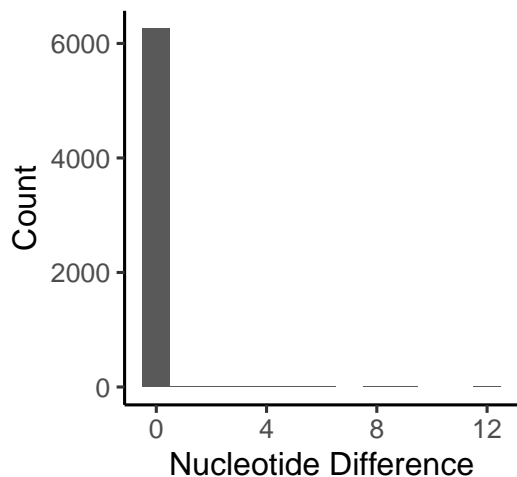
TRBV13*ap01

4630 sequences assigned
4558 (98.4%) exact matches, in which:
4551 unique CDR3
13 unique J



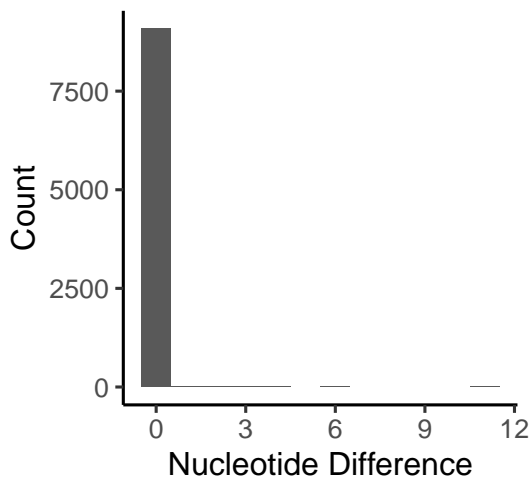
TRBV10-1*ap01

6285 sequences assigned
6257 (99.6%) exact matches, in which:
6255 unique CDR3
13 unique J



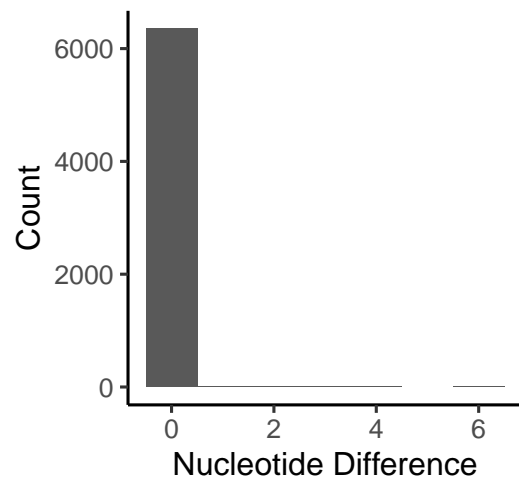
TRBV10-3*ap01

9114 sequences assigned
9082 (99.6%) exact matches, in which:
9076 unique CDR3
13 unique J



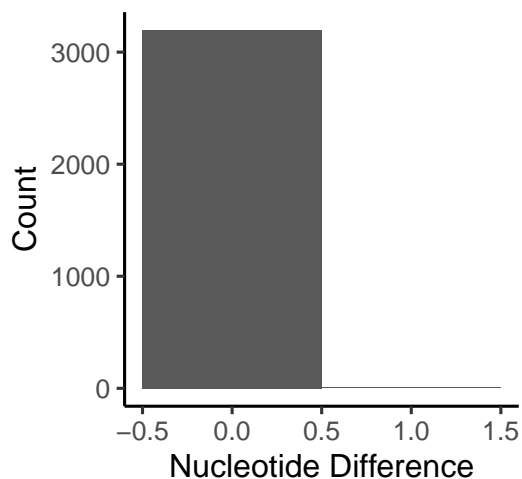
TRBV14*ap01

6364 sequences assigned
6352 (99.8%) exact matches, in which:
6352 unique CDR3
13 unique J



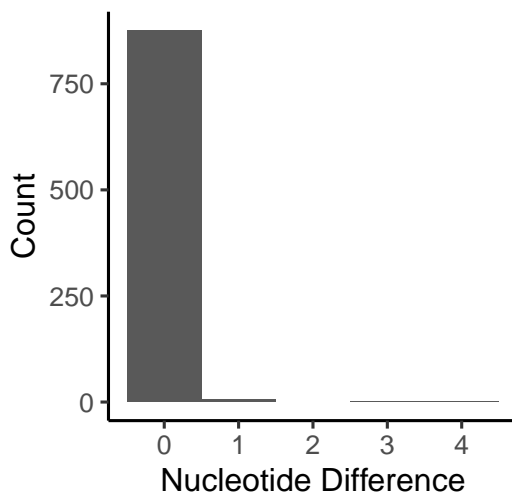
TRBV20-1*ap02

3205 sequences assigned
3197 (99.8%) exact matches, in which:
3194 unique CDR3
13 unique J



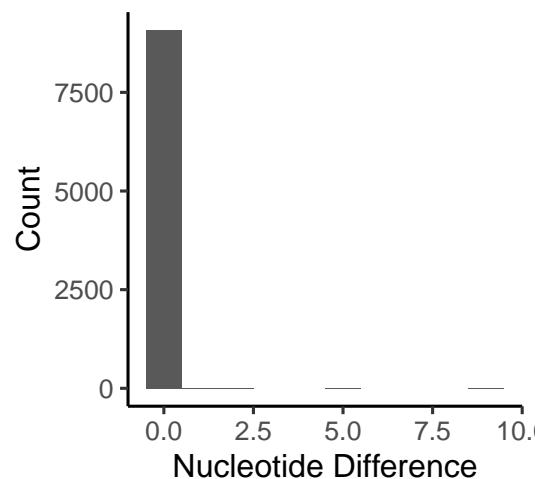
TRBV1*ap01

883 sequences assigned
876 (99.2%) exact matches, in which:
873 unique CDR3
13 unique J



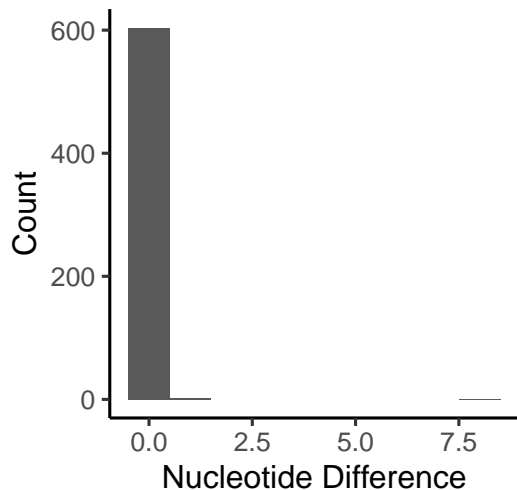
TRBV15*ap02

9098 sequences assigned
9079 (99.8%) exact matches, in which:
9066 unique CDR3
13 unique J



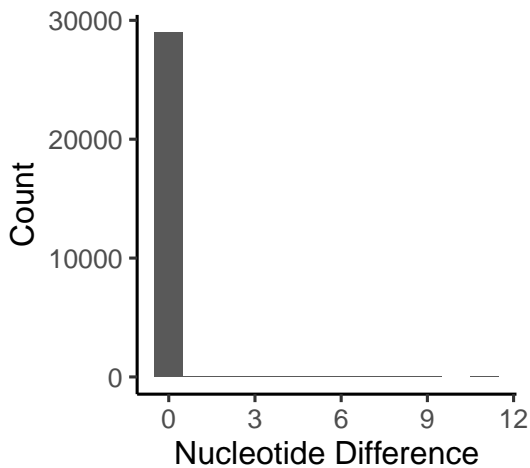
TRBV16*ap01

607 sequences assigned
604 (99.5%) exact matches, in which:
604 unique CDR3
13 unique J



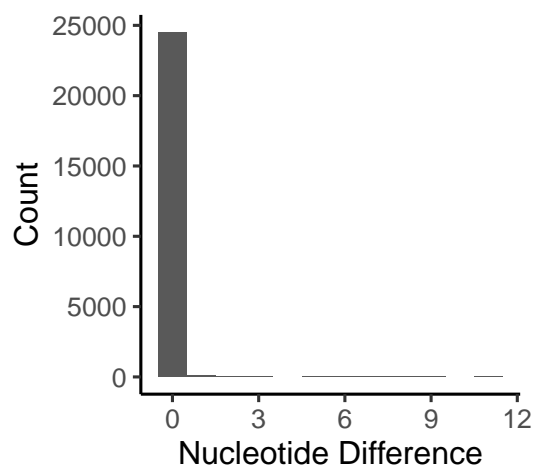
TRBV19*ap01

29072 sequences assigned
29007 (99.8%) exact matches, in which:
29004 unique CDR3
13 unique J



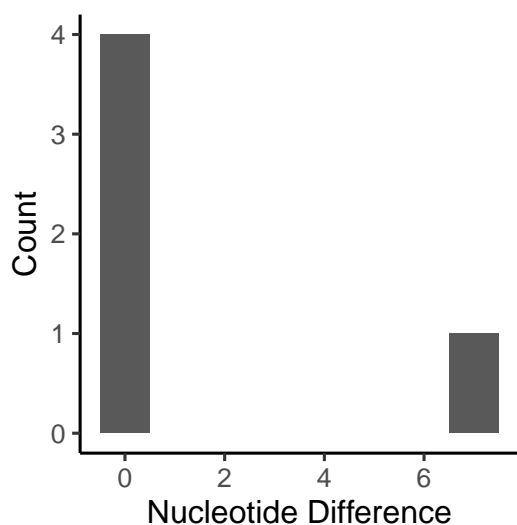
TRBV27*ap01

24609 sequences assigned
24516 (99.6%) exact matches, in which:
24470 unique CDR3
13 unique J



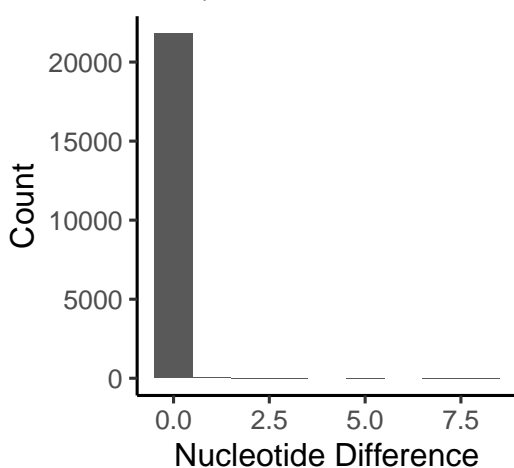
TRBV17*ap01

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
2 unique J



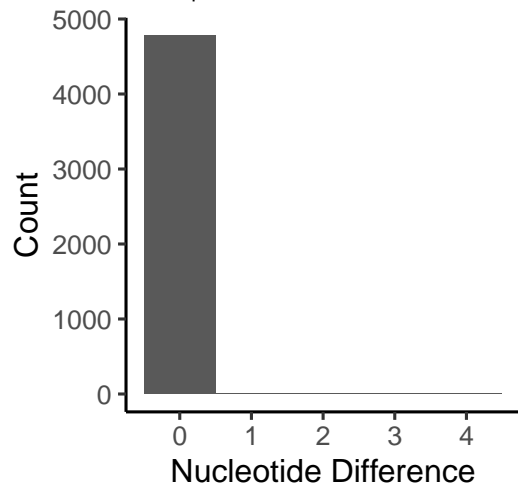
TRBV2*ap01

21870 sequences assigned
21808 (99.7%) exact matches, in which:
21755 unique CDR3
13 unique J



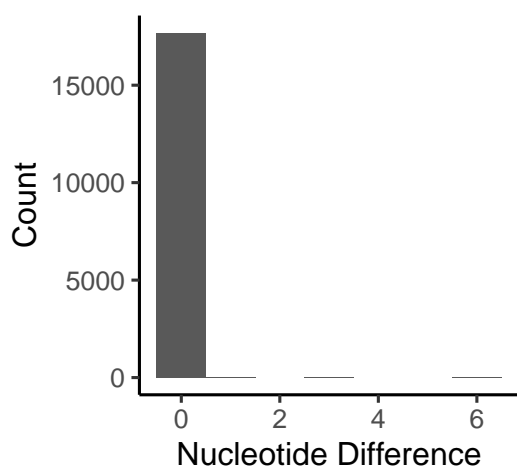
TRBV28*ap01

4790 sequences assigned
4777 (99.7%) exact matches, in which:
4776 unique CDR3
13 unique J



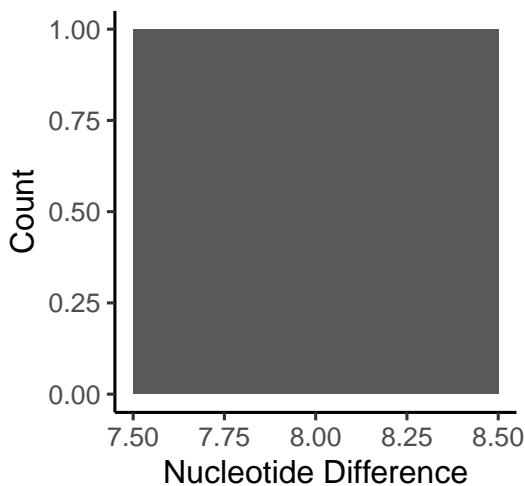
TRBV18*ap01

17710 sequences assigned
17688 (99.9%) exact matches, in which:
17683 unique CDR3
13 unique J



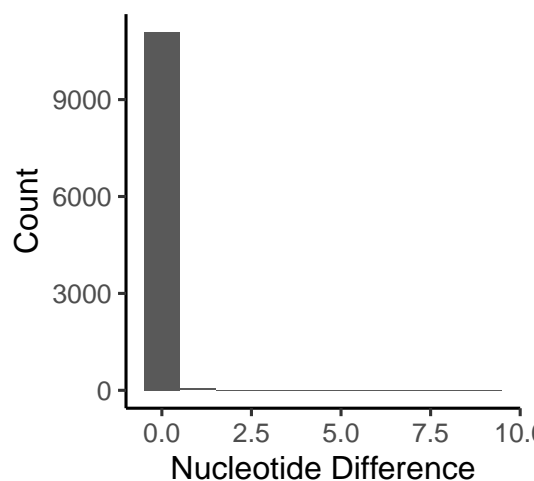
TRBV26*ap01

1 sequences assigned
No exact matches.



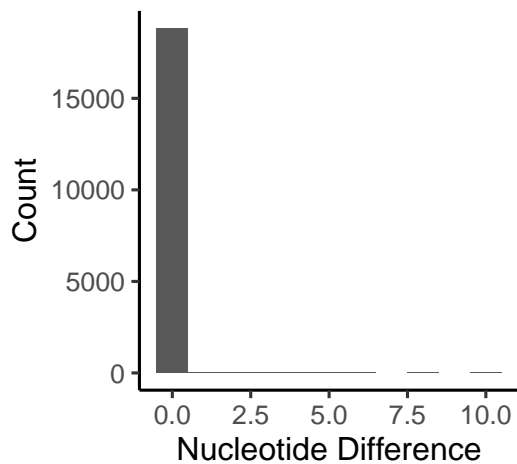
TRBV30*ap02

11162 sequences assigned
11091 (99.4%) exact matches, in which:
11069 unique CDR3
13 unique J



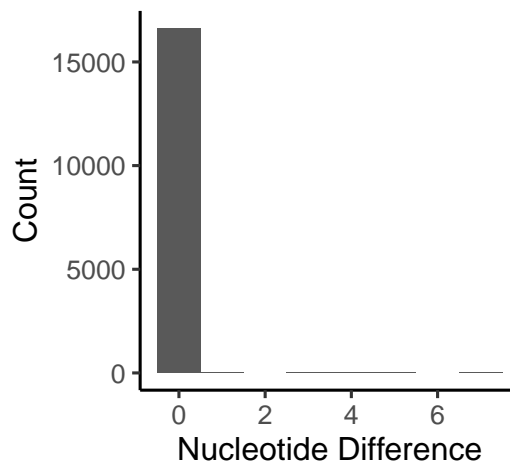
TRBV9*ap01

18878 sequences assigned
18835 (99.8%) exact matches, in which:
18809 unique CDR3
13 unique J



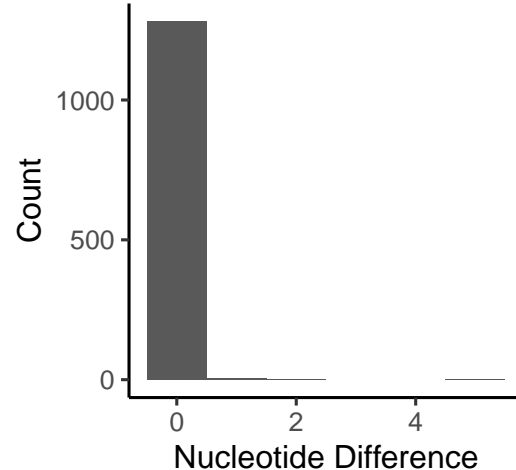
TRBV11-2*ap01

16655 sequences assigned
16630 (99.8%) exact matches, in which:
16628 unique CDR3
13 unique J



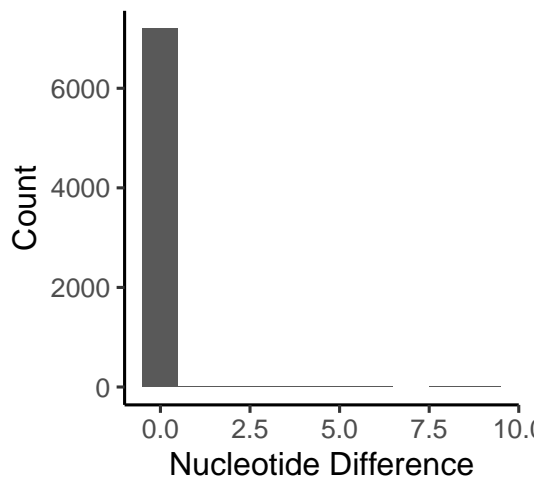
TRBV12-2*ap01

1289 sequences assigned
1281 (99.4%) exact matches, in which:
1279 unique CDR3
13 unique J



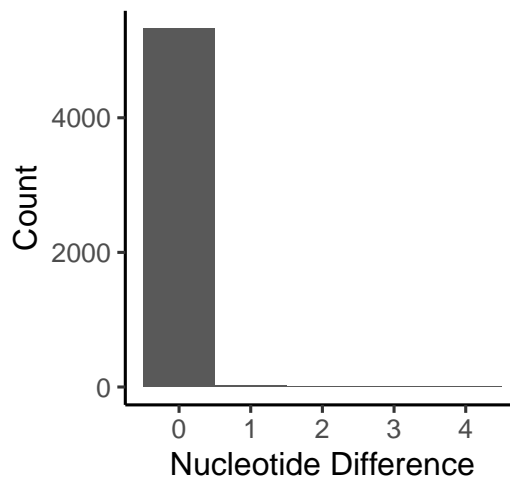
TRBV21-1*ap01

7239 sequences assigned
7196 (99.4%) exact matches, in which:
7196 unique CDR3
14 unique J



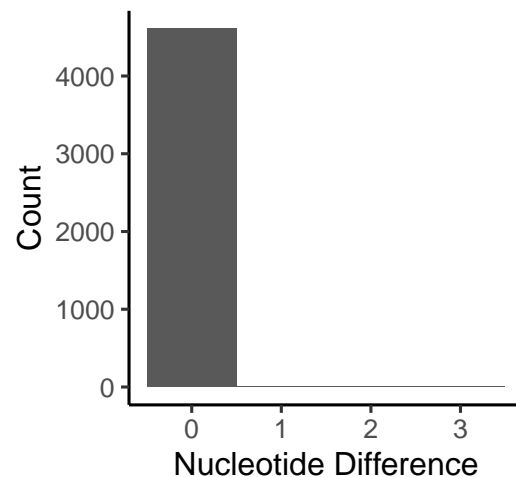
TRBV11-3*ap01

5343 sequences assigned
5323 (99.6%) exact matches, in which:
5322 unique CDR3
13 unique J



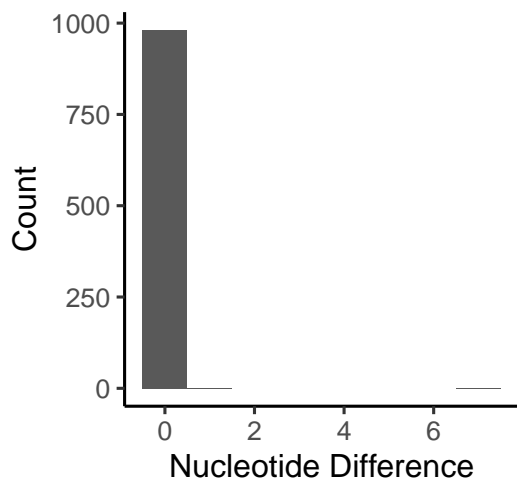
TRBV12-5*ap01

4618 sequences assigned
4608 (99.8%) exact matches, in which:
4607 unique CDR3
13 unique J



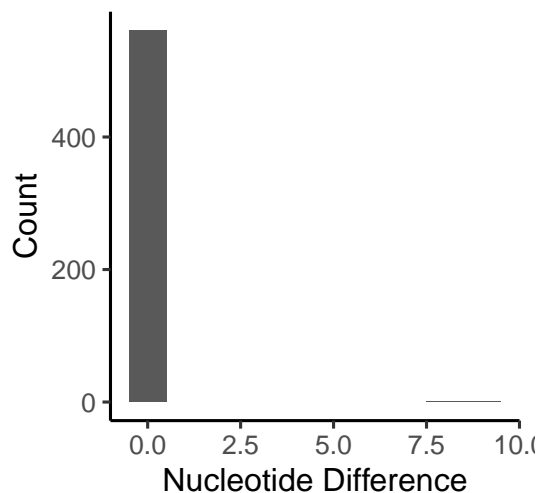
TRBV11-1*ap01

983 sequences assigned
981 (99.8%) exact matches, in which:
981 unique CDR3
13 unique J



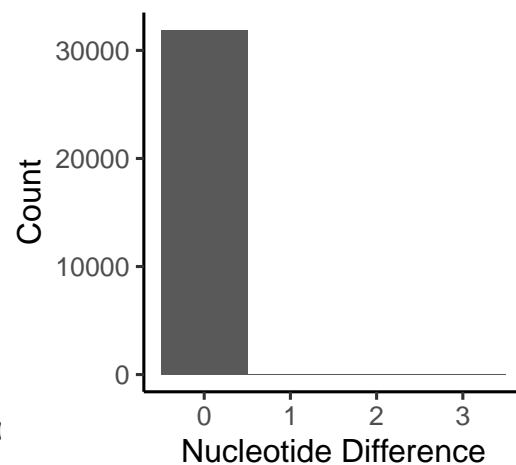
TRBV12-1*ap01

563 sequences assigned
561 (99.6%) exact matches, in which:
561 unique CDR3
13 unique J



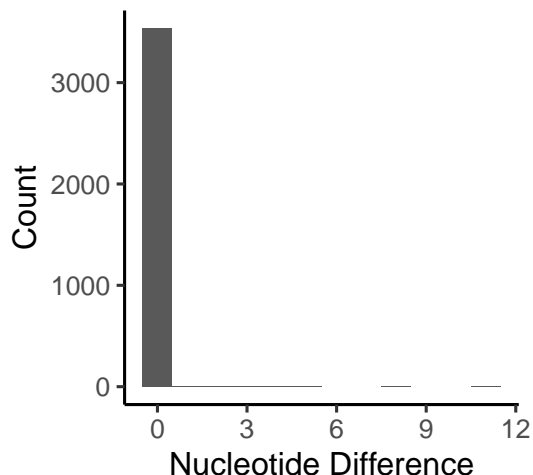
TRBV12-34*ap01

31969 sequences assigned
31907 (99.8%) exact matches, in which:
31895 unique CDR3
14 unique J



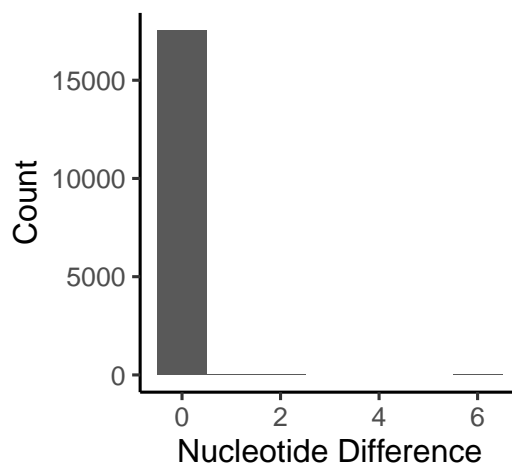
TRBV23-1*ap01

3553 sequences assigned
3535 (99.5%) exact matches, in which:
3535 unique CDR3
13 unique J



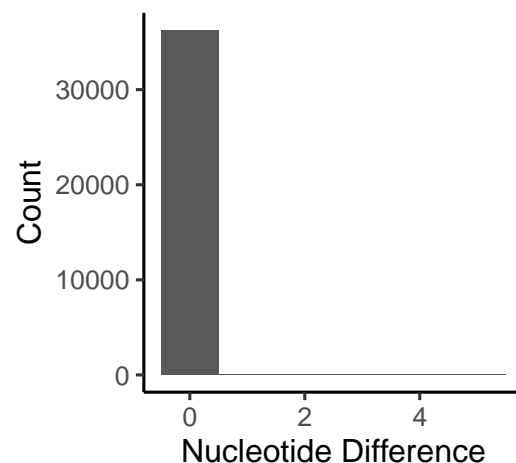
TRBV4-1*ap01

17582 sequences assigned
17549 (99.8%) exact matches, in which:
17531 unique CDR3
13 unique J



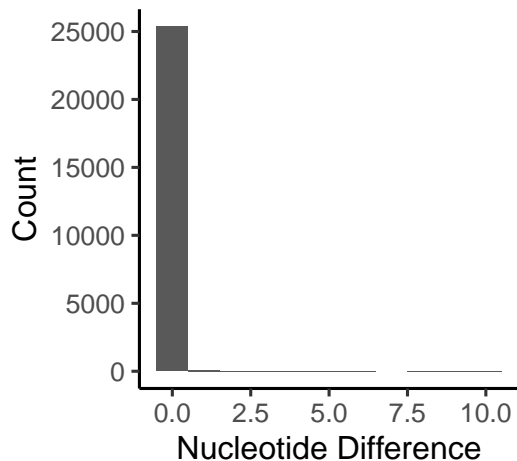
TRBV5-1*ap01

36333 sequences assigned
36256 (99.8%) exact matches, in which:
36168 unique CDR3
13 unique J



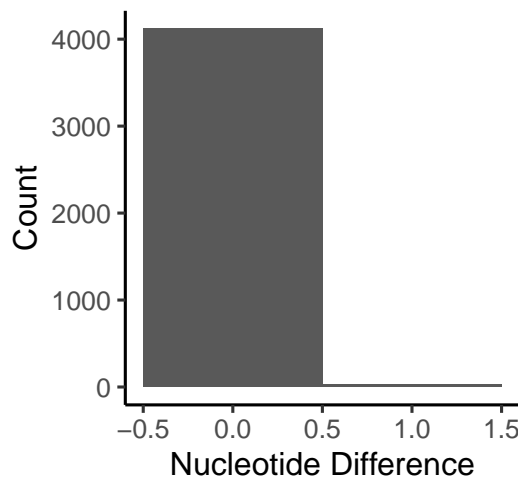
TRBV3-12*ap01

25483 sequences assigned
25369 (99.6%) exact matches, in which:
25329 unique CDR3
13 unique J



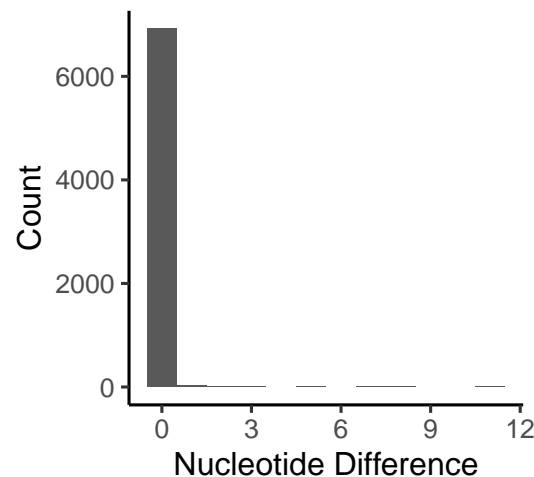
TRBV4-2*ap01

4147 sequences assigned
4120 (99.3%) exact matches, in which:
4117 unique CDR3
13 unique J



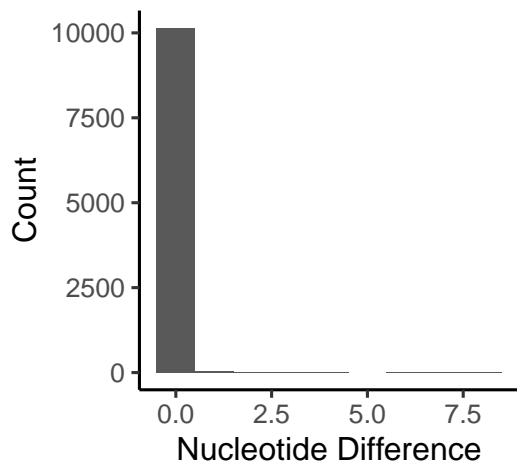
TRBV25-1*ap01

6956 sequences assigned
6920 (99.5%) exact matches, in which:
6910 unique CDR3
13 unique J



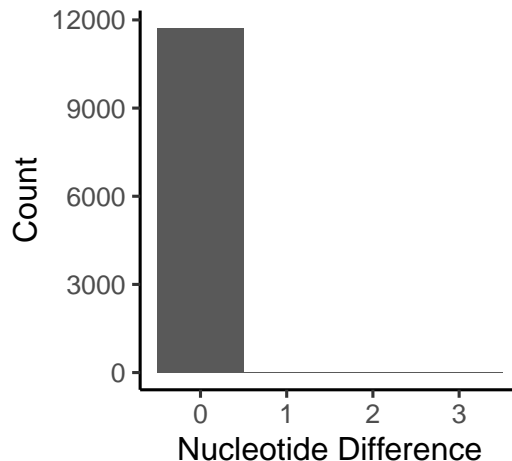
TRBV24-1*ap01

10202 sequences assigned
10150 (99.5%) exact matches, in which:
10130 unique CDR3
13 unique J



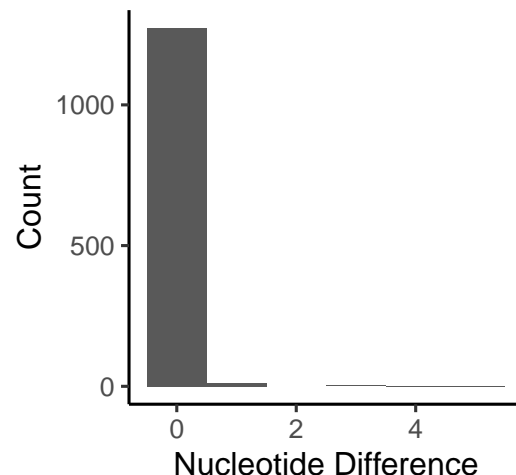
TRBV4-3*ap01

11758 sequences assigned
11732 (99.8%) exact matches, in which:
11721 unique CDR3
13 unique J



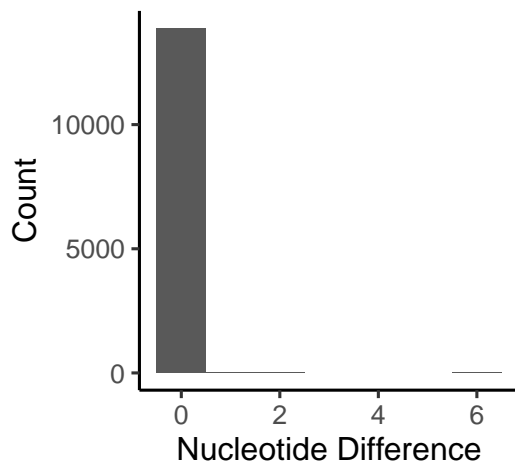
TRBV5-3*ap01

1291 sequences assigned
1273 (98.6%) exact matches, in which:
1271 unique CDR3
13 unique J



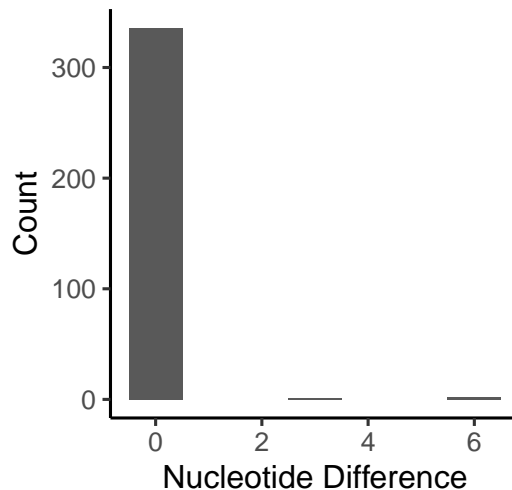
TRBV5-4*ap01

13926 sequences assigned
13885 (99.7%) exact matches, in which:
13880 unique CDR3
13 unique J



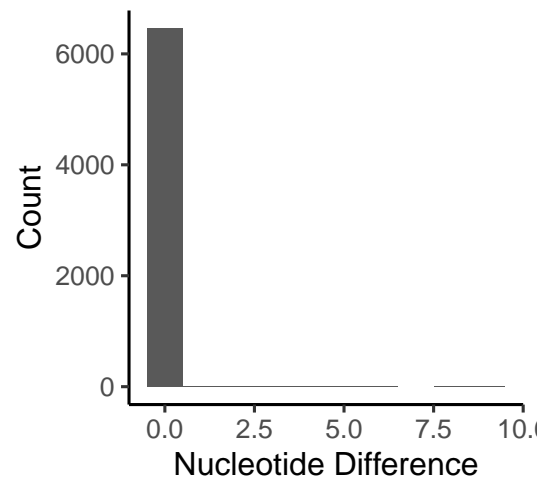
TRBV5-7*ap01

339 sequences assigned
336 (99.1%) exact matches, in which:
333 unique CDR3
13 unique J



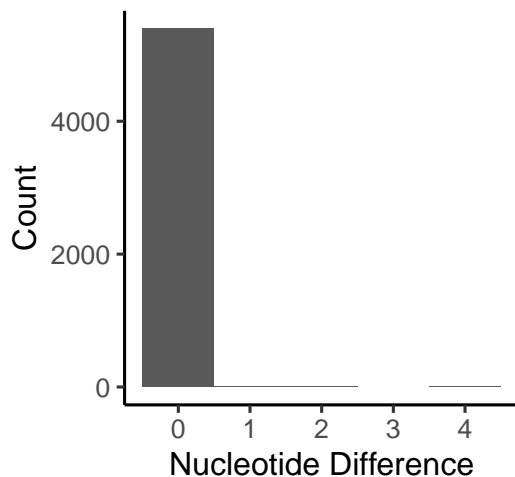
TRBV6-4*ap01

6494 sequences assigned
6459 (99.5%) exact matches, in which:
6458 unique CDR3
13 unique J



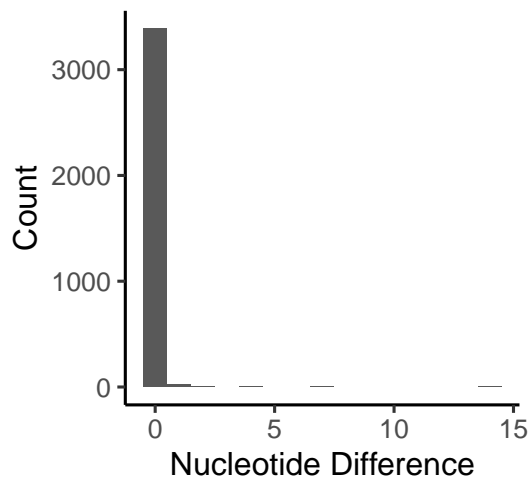
TRBV5-5*ap01

5404 sequences assigned
5393 (99.8%) exact matches, in which:
5388 unique CDR3
13 unique J



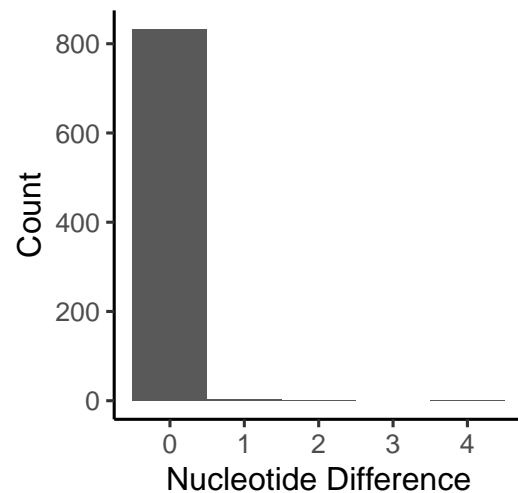
TRBV5-8*ap01

3417 sequences assigned
3387 (99.1%) exact matches, in which:
3385 unique CDR3
13 unique J



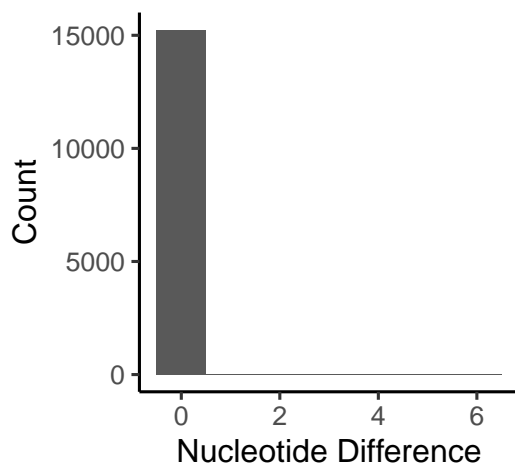
TRBV6-7*ap01

840 sequences assigned
833 (99.2%) exact matches, in which:
831 unique CDR3
13 unique J



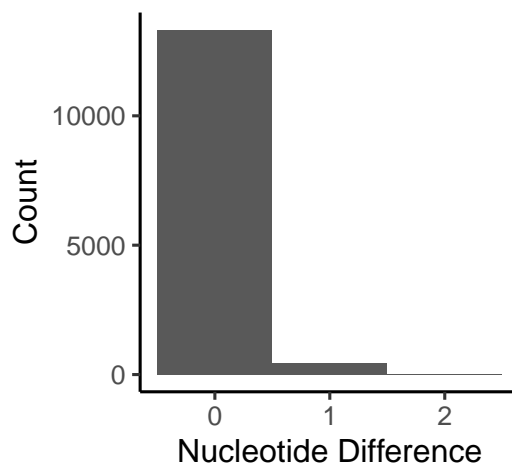
TRBV5-6*ap01

15293 sequences assigned
15243 (99.7%) exact matches, in which:
15171 unique CDR3
13 unique J



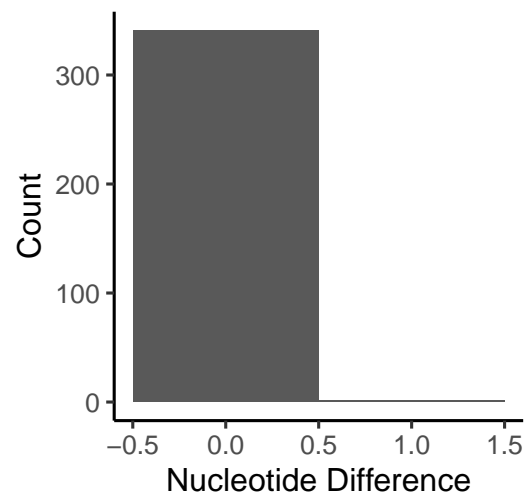
TRBV6-1*ap01

13789 sequences assigned
13325 (96.6%) exact matches, in which:
13310 unique CDR3
13 unique J



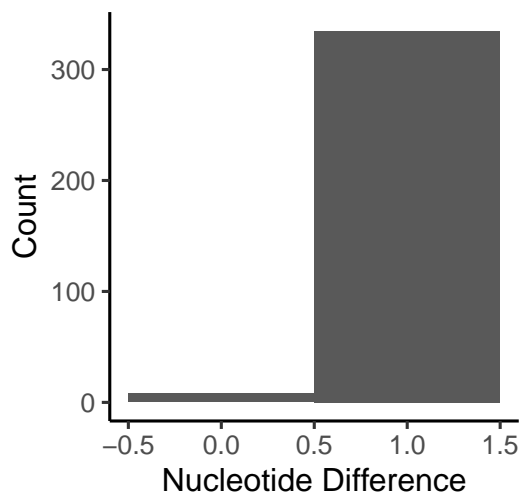
TRBV6-8*ap01

342 sequences assigned
341 (99.7%) exact matches, in which:
340 unique CDR3
13 unique J



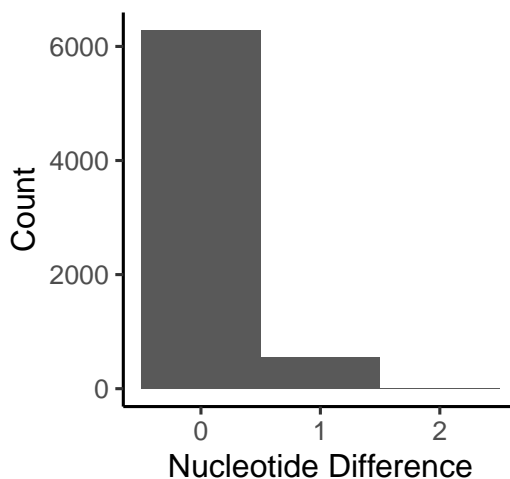
TRBV6–9*ap01

343 sequences assigned
8 (2.3%) exact matches, in which:
8 unique CDR3
6 unique J



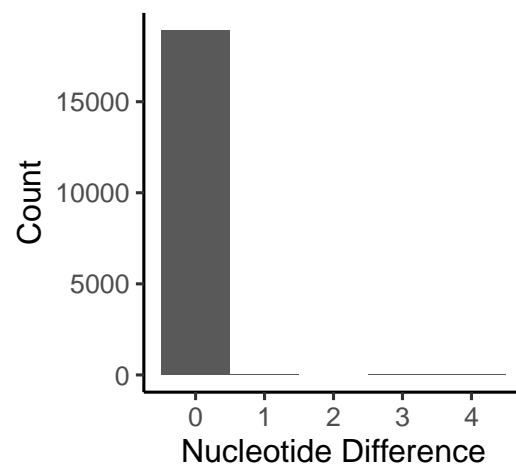
TRBV6–56*ap02

6843 sequences assigned
6281 (91.8%) exact matches, in which:
6278 unique CDR3
13 unique J



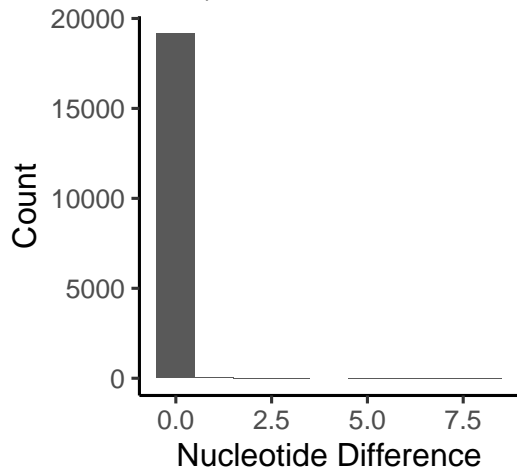
TRBV7–2*ap01

18964 sequences assigned
18928 (99.8%) exact matches, in which:
18923 unique CDR3
13 unique J



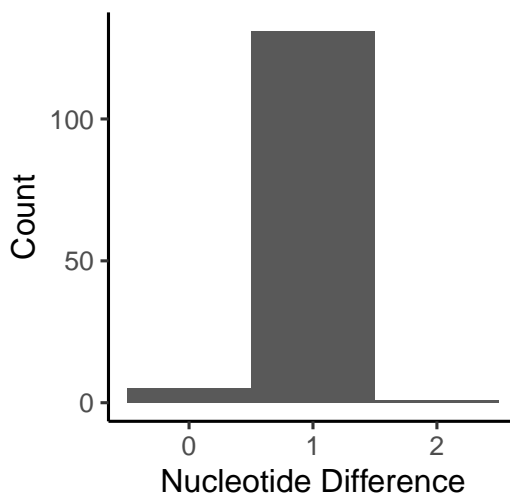
TRBV6–23*ap01

19223 sequences assigned
19166 (99.7%) exact matches, in which:
19142 unique CDR3
13 unique J



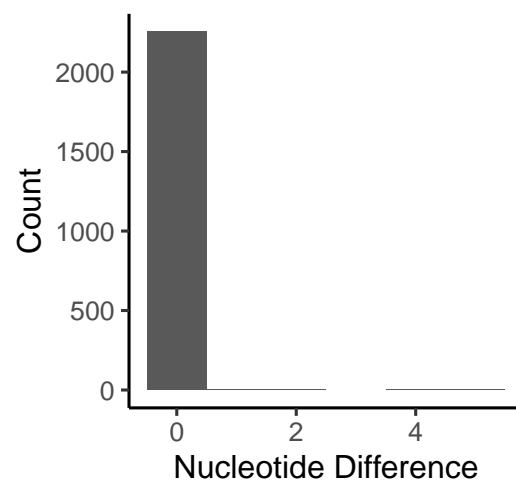
TRBV7–1*ap01_T296C

137 sequences assigned
5 (3.6%) exact matches, in which:
5 unique CDR3
4 unique J



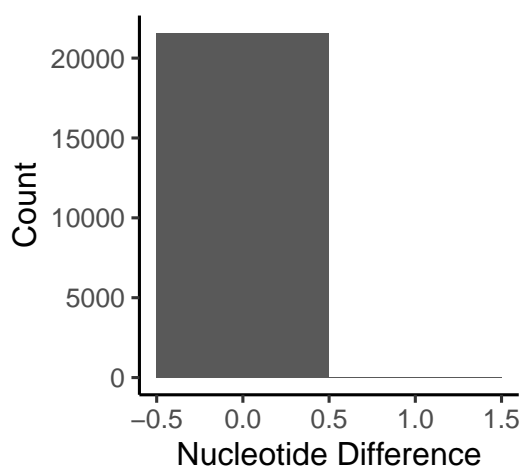
TRBV7–3*ap02

2264 sequences assigned
2254 (99.6%) exact matches, in which:
2254 unique CDR3
13 unique J



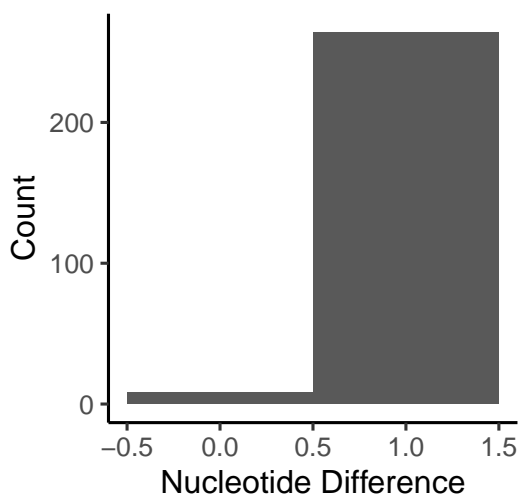
TRBV6–56*ap01

21628 sequences assigned
21584 (99.8%) exact matches, in which:
21544 unique CDR3
13 unique J



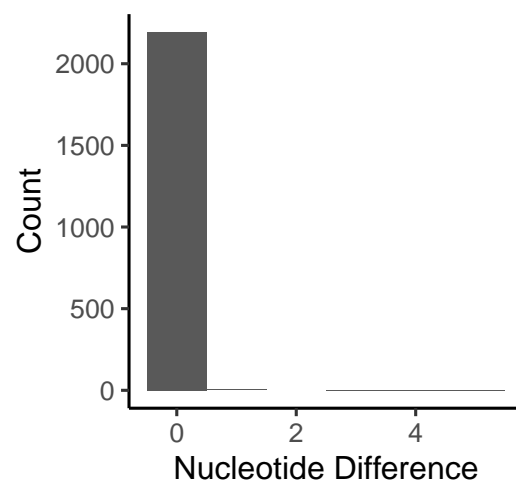
TRBV7–1*ap01_T296C_

272 sequences assigned
8 (2.9%) exact matches, in which:
8 unique CDR3
5 unique J



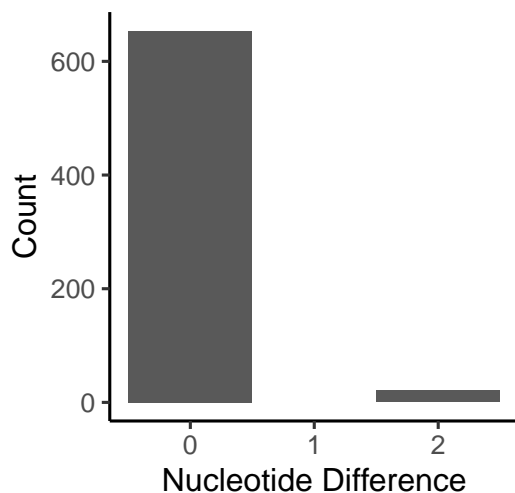
TRBV7–3*ap03

2202 sequences assigned
2194 (99.6%) exact matches, in which:
2193 unique CDR3
13 unique J



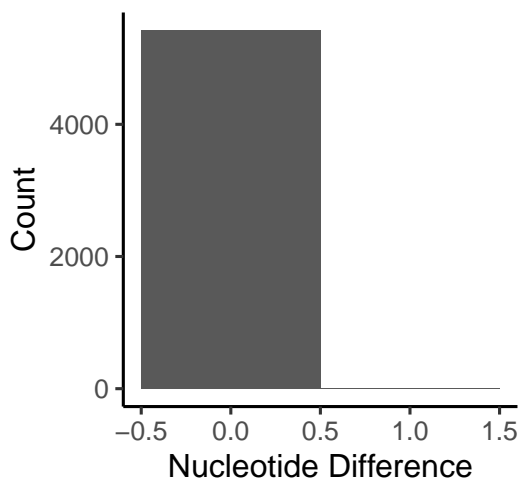
TRBV7-4*ap01

675 sequences assigned
654 (96.9%) exact matches, in which:
653 unique CDR3
13 unique J



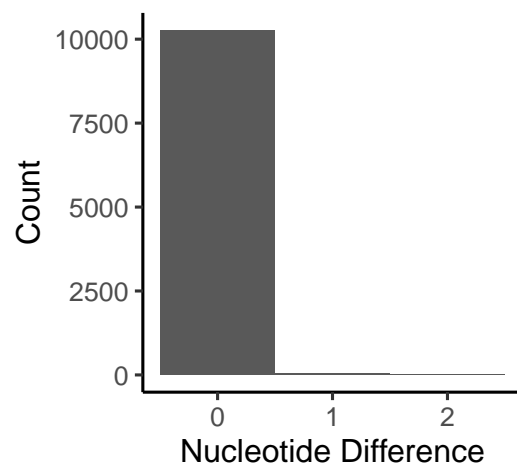
TRBV7-8*ap01

5425 sequences assigned
5421 (99.9%) exact matches, in which:
5418 unique CDR3
13 unique J



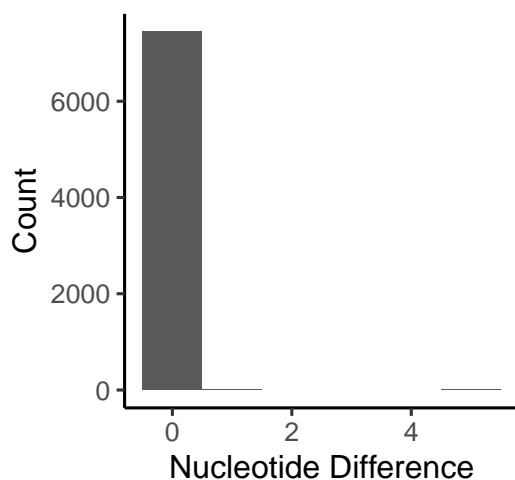
TRBV29-1*ap01

10306 sequences assigned
10269 (99.6%) exact matches, in which:
10247 unique CDR3
13 unique J



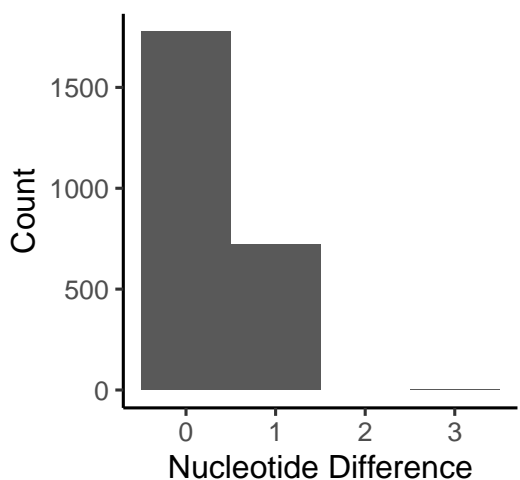
TRBV7-6*ap01

7451 sequences assigned
7444 (99.9%) exact matches, in which:
7438 unique CDR3
13 unique J



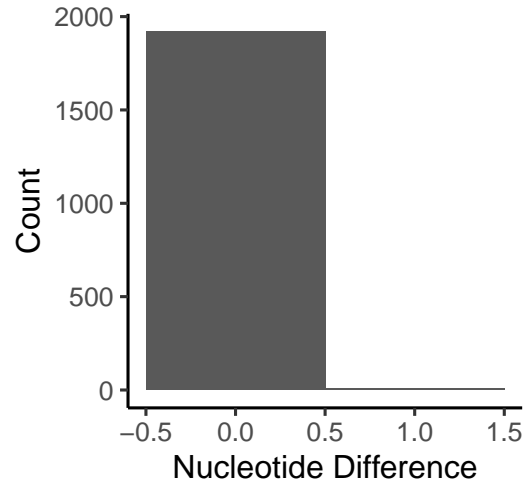
TRBV7-8*ap03

2496 sequences assigned
1776 (71.2%) exact matches, in which:
1776 unique CDR3
13 unique J



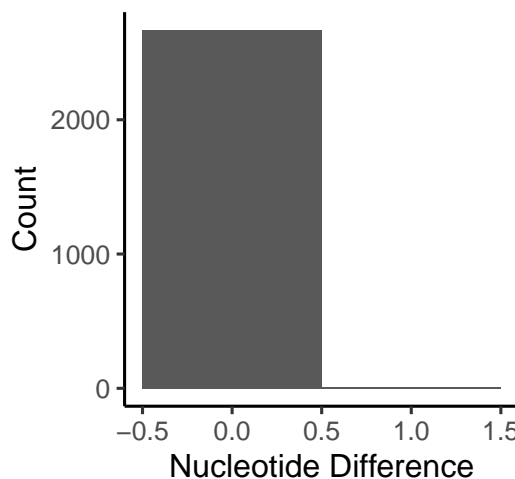
TRBV29-1*ap02

1925 sequences assigned
1919 (99.7%) exact matches, in which:
1916 unique CDR3
13 unique J



TRBV7-7*ap01

2680 sequences assigned
2668 (99.6%) exact matches, in which:
2667 unique CDR3
13 unique J



TRBV7-9*ap01

27539 sequences assigned
27502 (99.9%) exact matches, in which:
27495 unique CDR3
13 unique J

