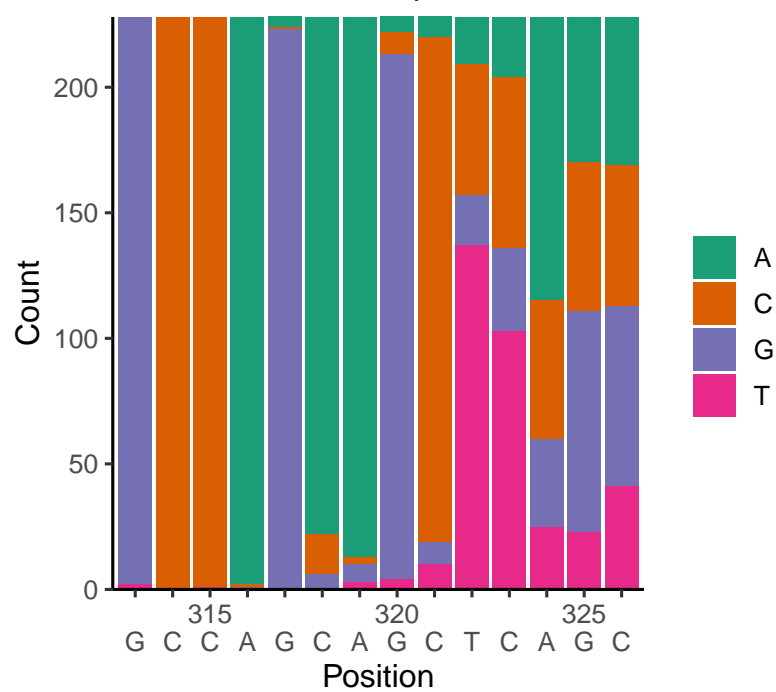
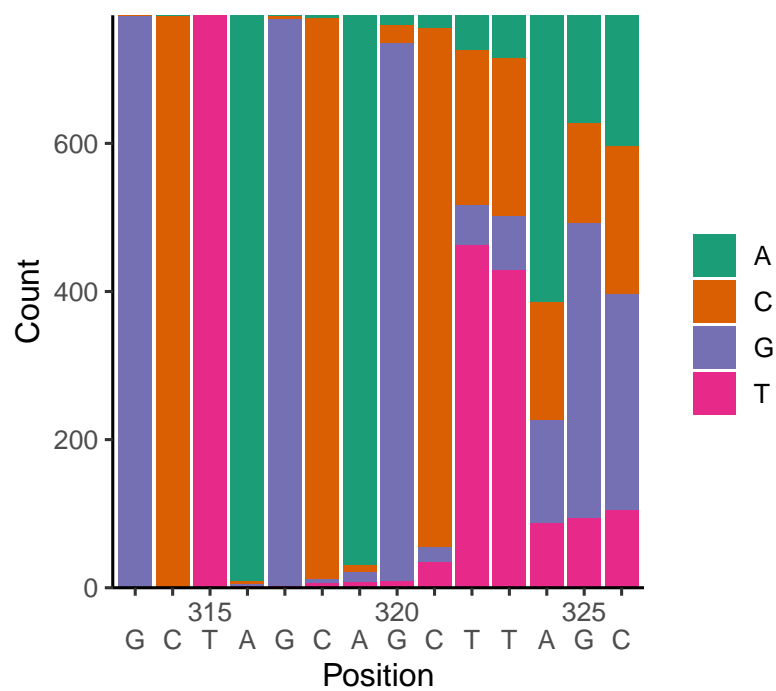


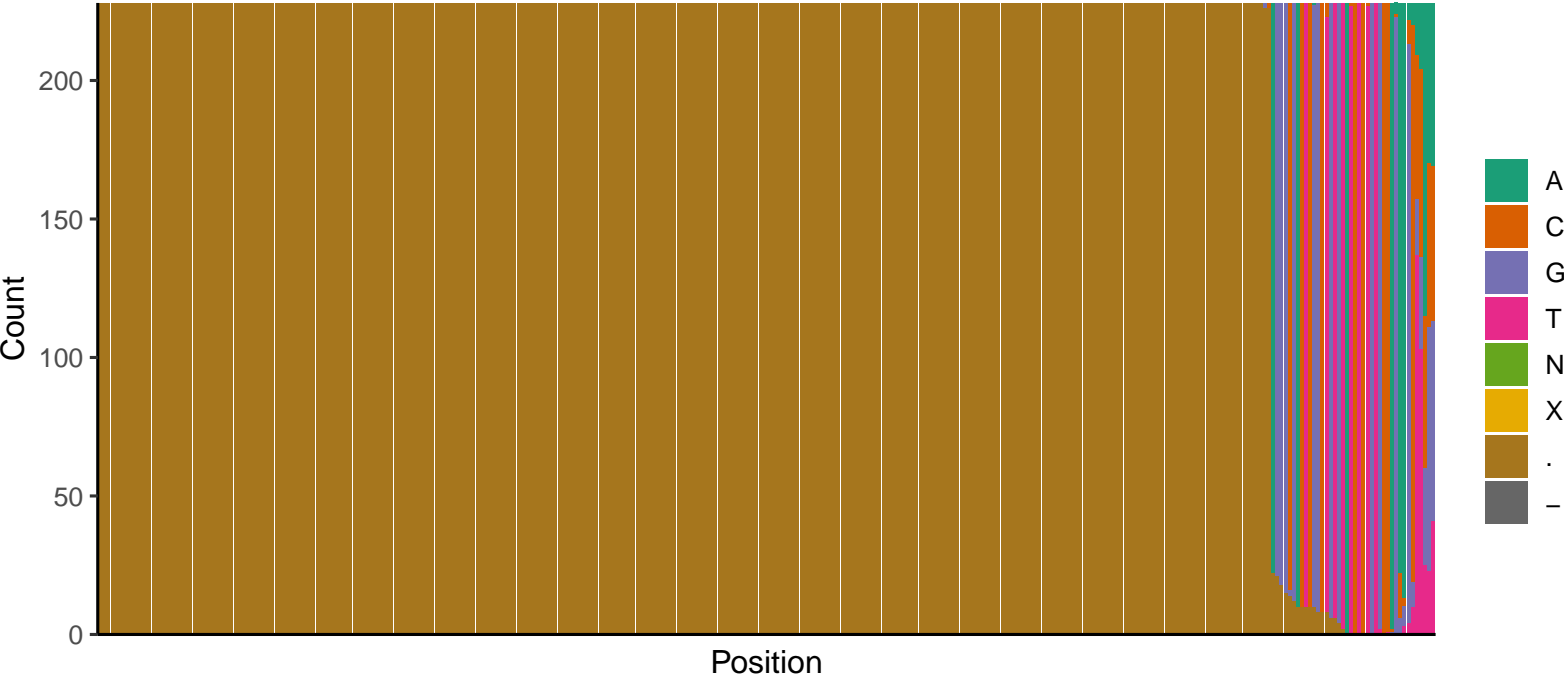
Gene TRBV7-1*ap01_G291C_T296C



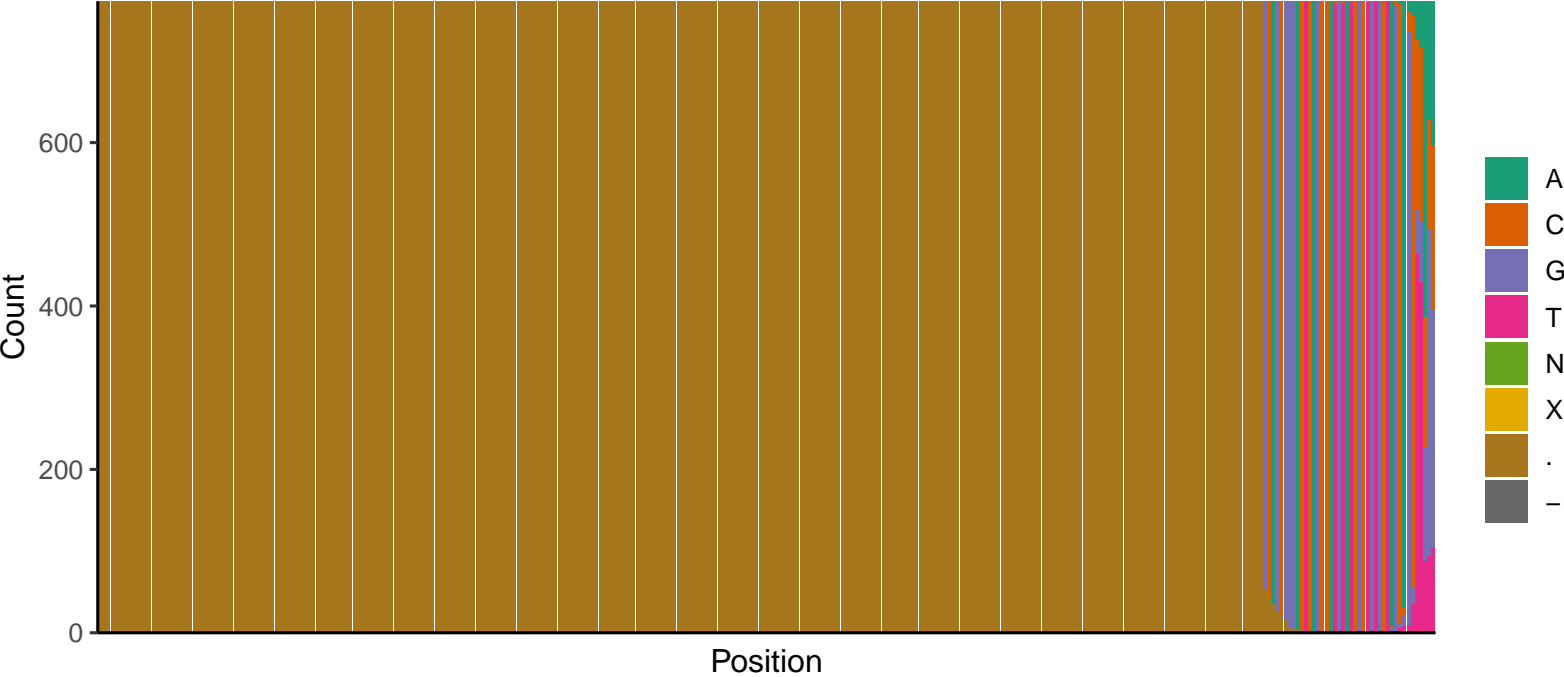
Gene TRBV7-7*ap01_C315T



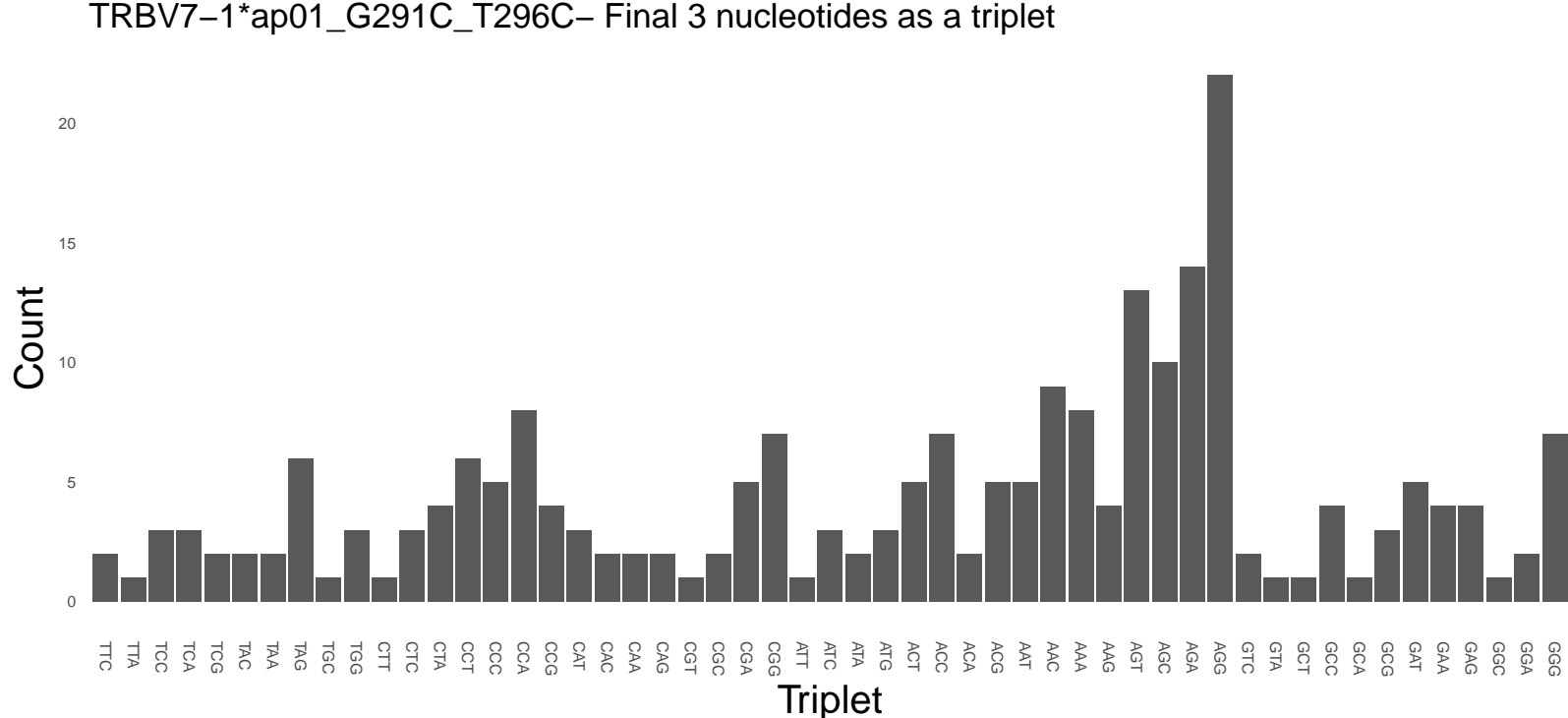
Gene TRBV7-1*ap01_G291C_T296C



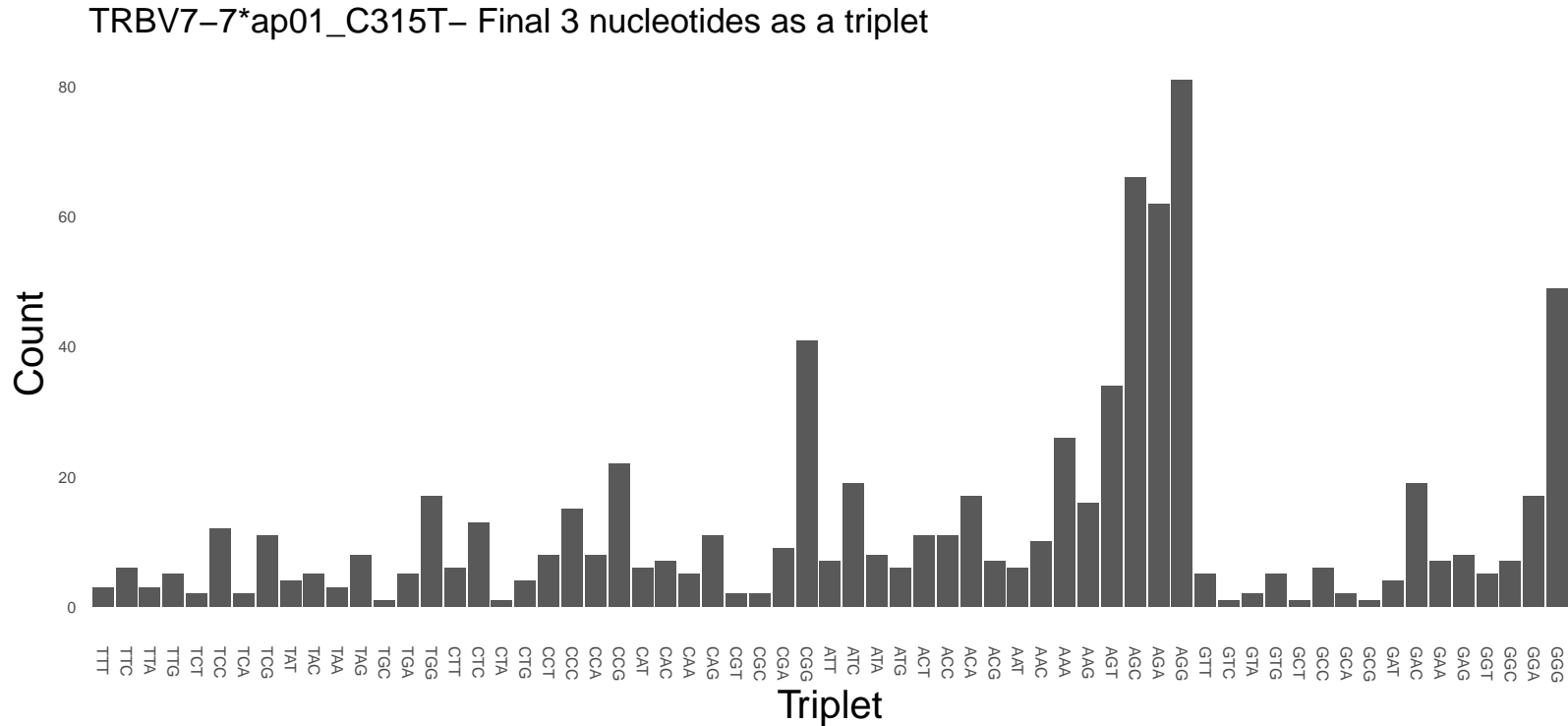
Gene TRBV7-7*ap01_C315T



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

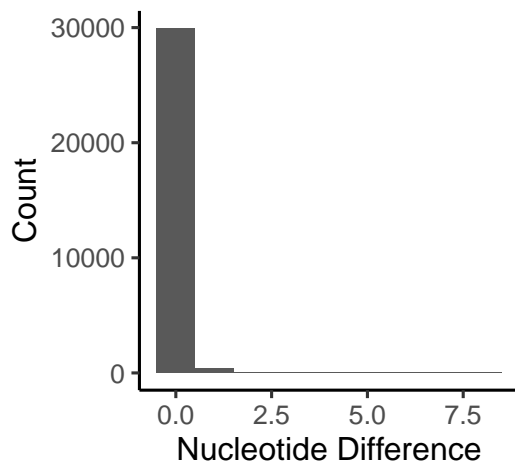


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



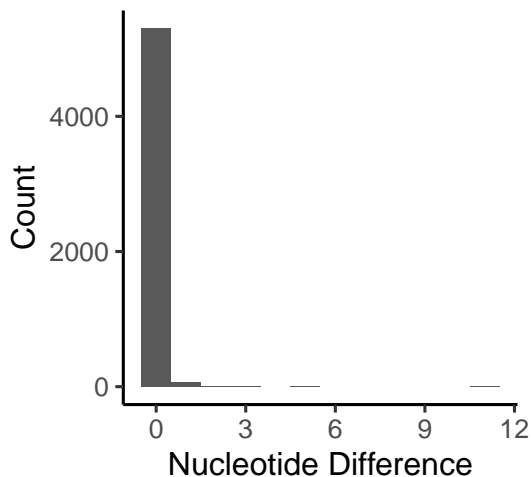
TRBV20-1*ap01

30397 sequences assigned
29953 (98.5%) exact matches, in which:
29297 unique CDR3
14 unique J



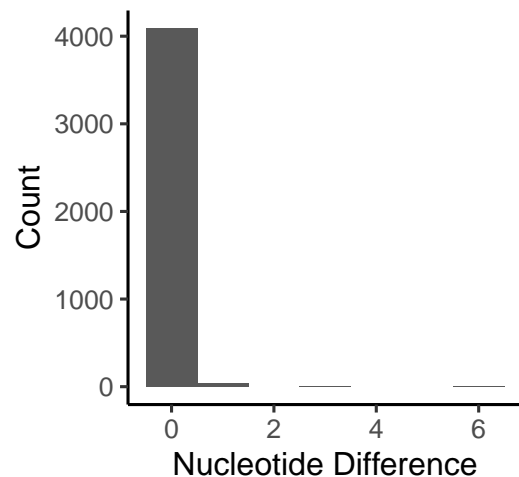
TRBV10-3*ap01

5375 sequences assigned
5301 (98.6%) exact matches, in which:
5162 unique CDR3
14 unique J



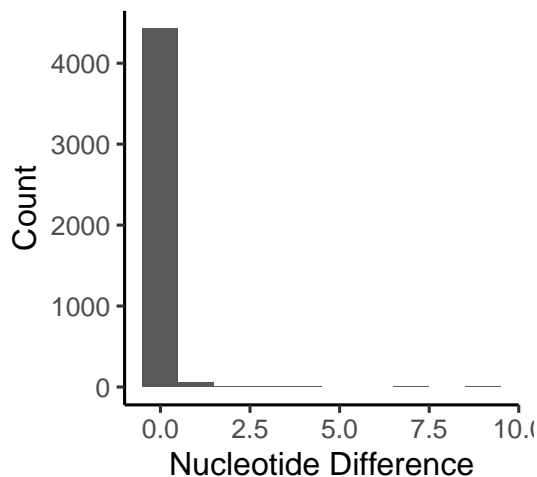
TRBV14*ap01

4128 sequences assigned
4089 (99.1%) exact matches, in which:
4022 unique CDR3
14 unique J



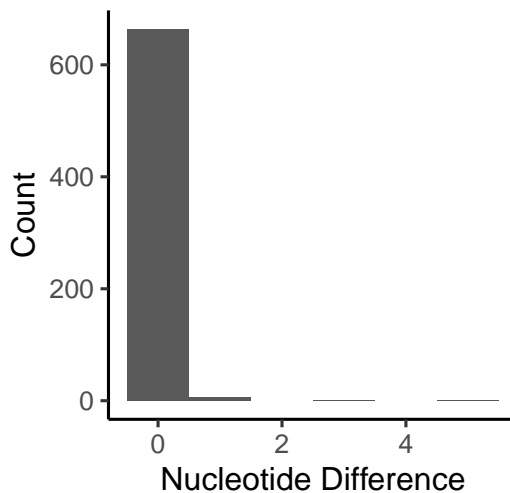
TRBV10-1*ap01

4485 sequences assigned
4426 (98.7%) exact matches, in which:
4323 unique CDR3
14 unique J



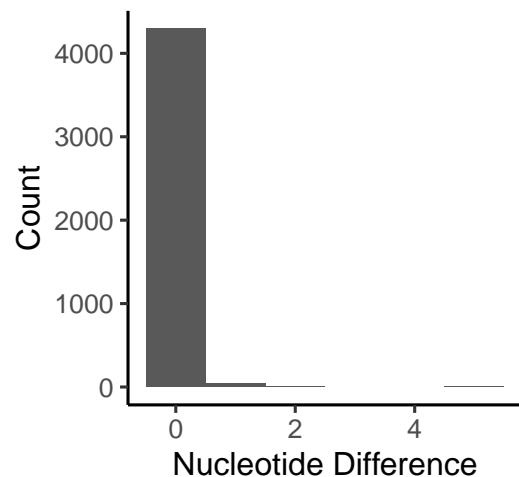
TRBV1*ap01

673 sequences assigned
664 (98.7%) exact matches, in which:
647 unique CDR3
14 unique J



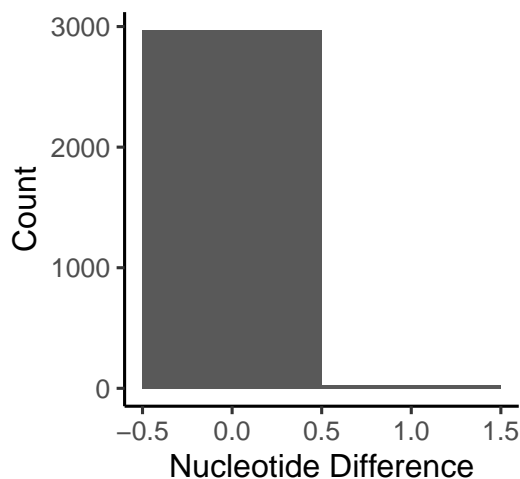
TRBV15*ap02

4339 sequences assigned
4295 (99%) exact matches, in which:
4199 unique CDR3
14 unique J



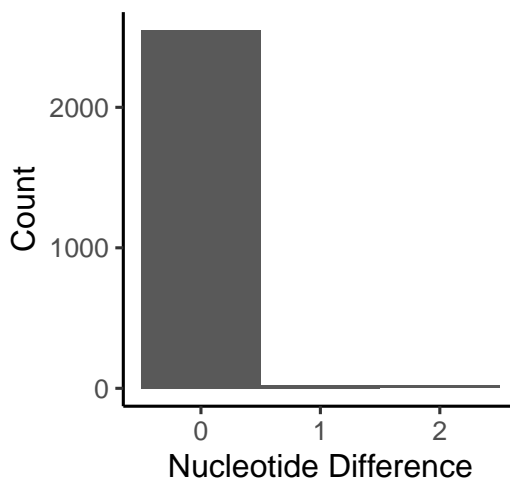
TRBV10-2*ap01

2998 sequences assigned
2971 (99.1%) exact matches, in which:
2905 unique CDR3
14 unique J



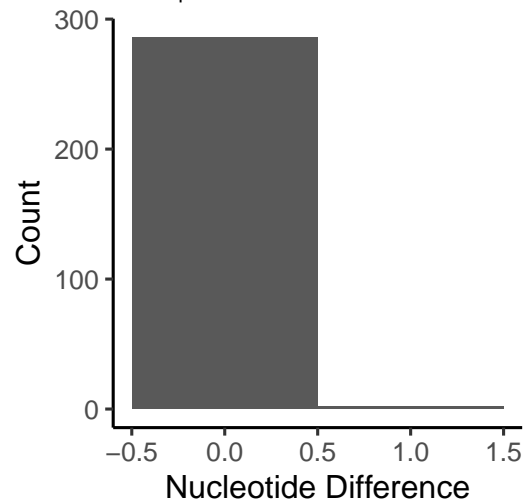
TRBV13*ap01

2594 sequences assigned
2550 (98.3%) exact matches, in which:
2476 unique CDR3
14 unique J



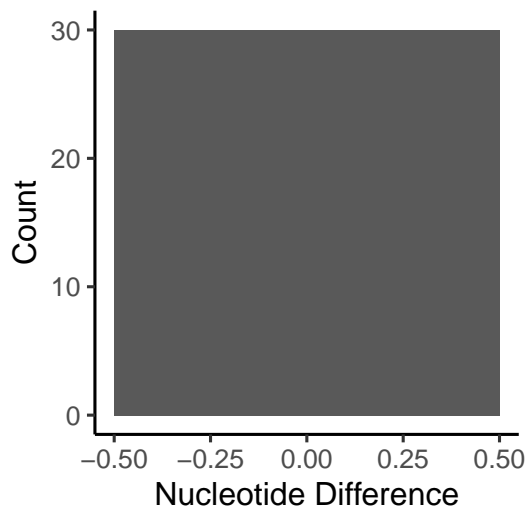
TRBV16*ap01

288 sequences assigned
286 (99.3%) exact matches, in which:
283 unique CDR3
14 unique J



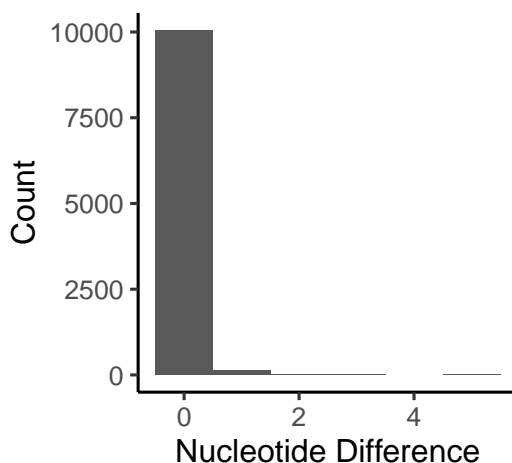
TRBV17*ap01

30 sequences assigned
30 (100%) exact matches, in which:
30 unique CDR3
9 unique J



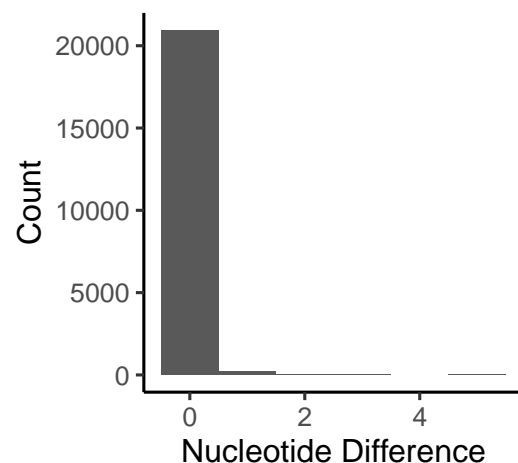
TRBV2*ap01

10188 sequences assigned
10054 (98.7%) exact matches, in which:
9836 unique CDR3
14 unique J



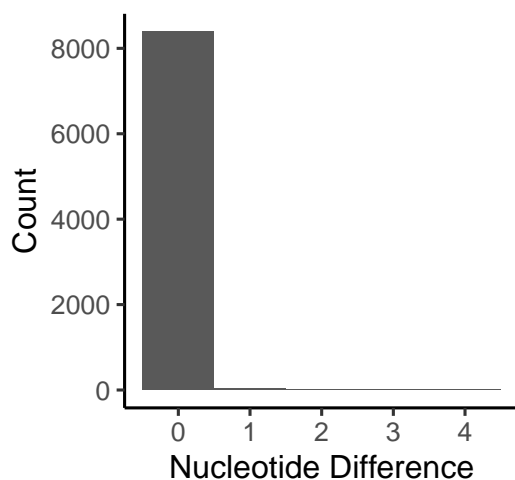
TRBV28*ap01

21148 sequences assigned
20946 (99%) exact matches, in which:
20511 unique CDR3
15 unique J



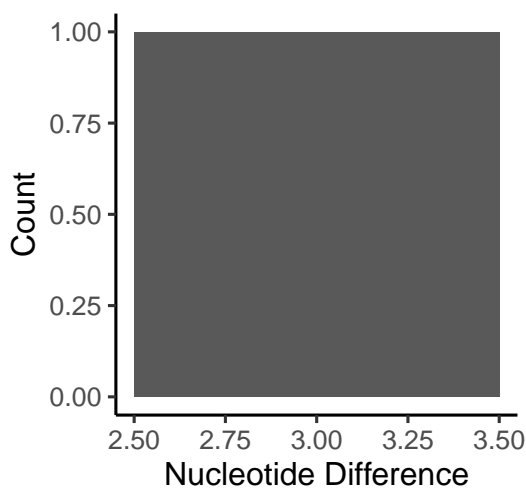
TRBV18*ap01

8425 sequences assigned
8389 (99.6%) exact matches, in which:
8296 unique CDR3
14 unique J



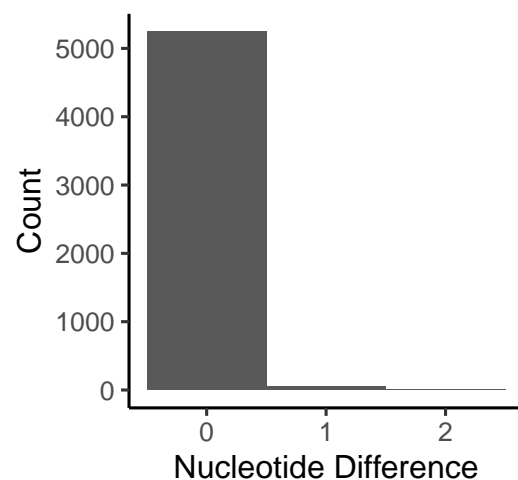
TRBV26*ap01

1 sequences assigned
No exact matches.



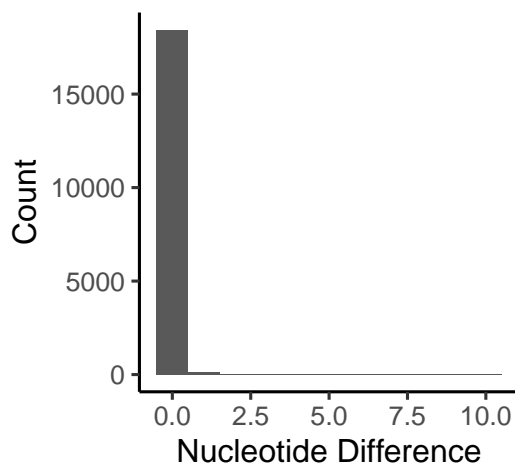
TRBV30*ap01

5299 sequences assigned
5244 (99%) exact matches, in which:
5159 unique CDR3
13 unique J



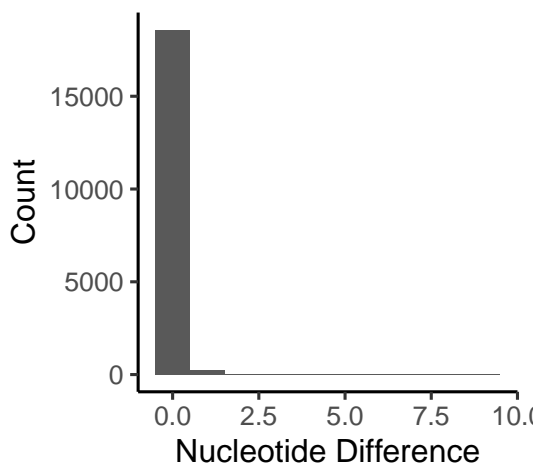
TRBV19*ap01

18624 sequences assigned
18439 (99%) exact matches, in which:
18252 unique CDR3
14 unique J



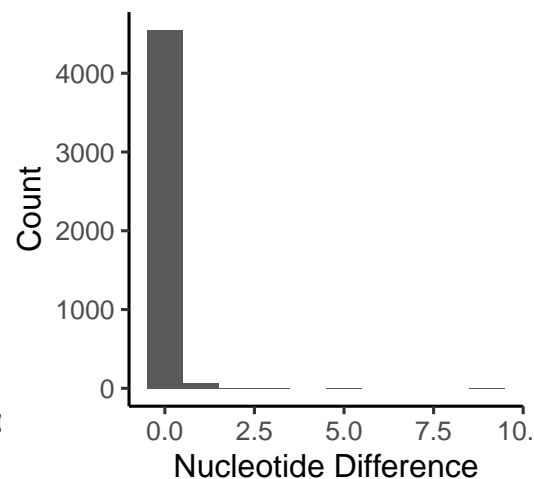
TRBV27*ap01

18834 sequences assigned
18581 (98.7%) exact matches, in which:
18061 unique CDR3
14 unique J



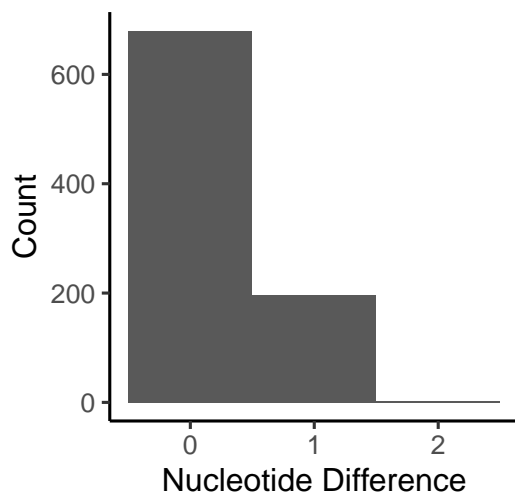
TRBV30*ap02

4618 sequences assigned
4548 (98.5%) exact matches, in which:
4515 unique CDR3
14 unique J



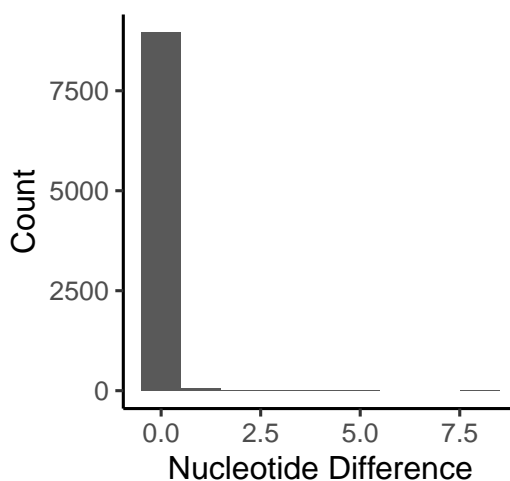
TRBV30*ap03

878 sequences assigned
680 (77.4%) exact matches, in which:
665 unique CDR3
13 unique J



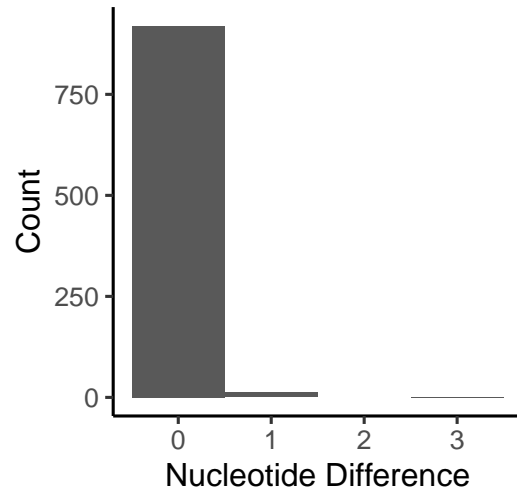
TRBV11-2*ap01

9032 sequences assigned
8959 (99.2%) exact matches, in which:
8793 unique CDR3
14 unique J



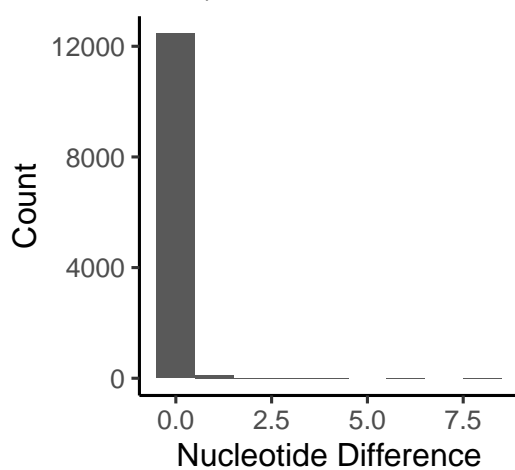
TRBV12-2*ap01

934 sequences assigned
920 (98.5%) exact matches, in which:
898 unique CDR3
14 unique J



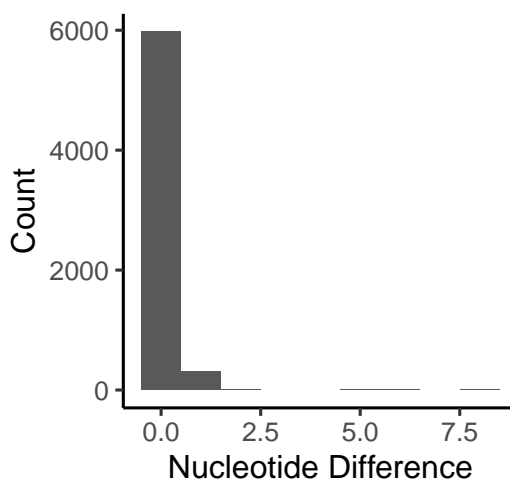
TRBV9*ap01

12585 sequences assigned
12463 (99%) exact matches, in which:
12204 unique CDR3
14 unique J



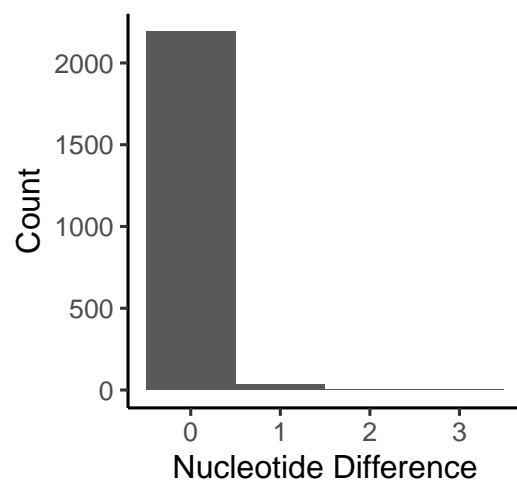
TRBV11-3*ap01

6293 sequences assigned
5975 (94.9%) exact matches, in which:
5881 unique CDR3
14 unique J



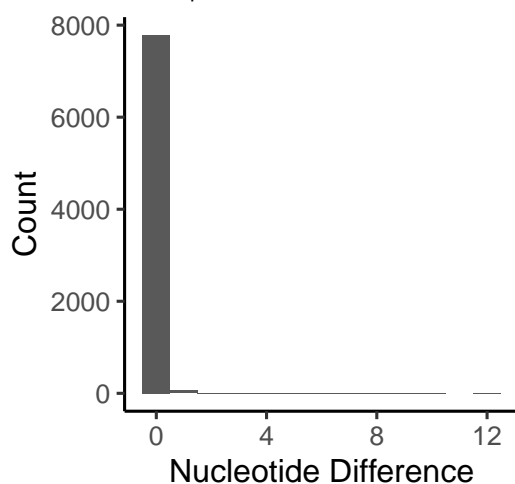
TRBV12-5*ap01

2226 sequences assigned
2191 (98.4%) exact matches, in which:
2144 unique CDR3
14 unique J



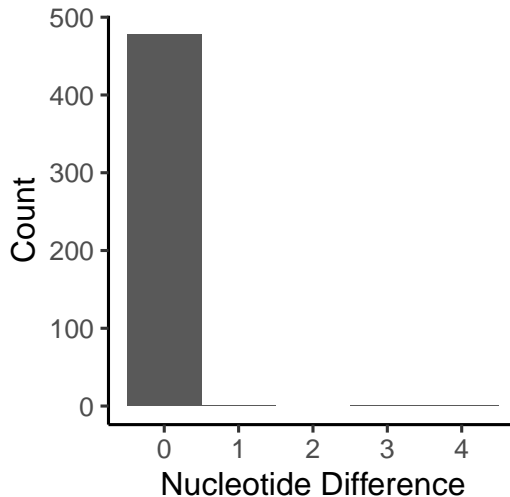
TRBV21-1*ap01

7878 sequences assigned
7785 (98.8%) exact matches, in which:
7662 unique CDR3
14 unique J



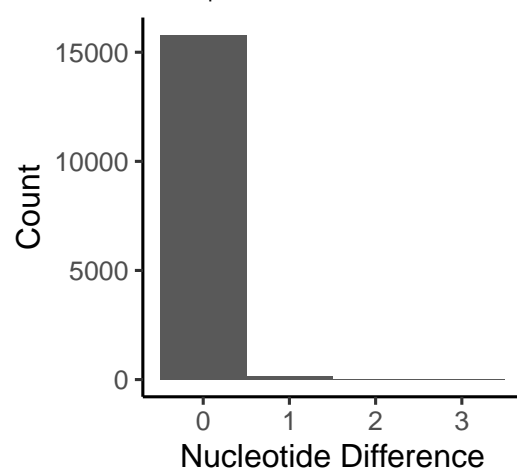
TRBV12-1*ap01

481 sequences assigned
478 (99.4%) exact matches, in which:
468 unique CDR3
14 unique J



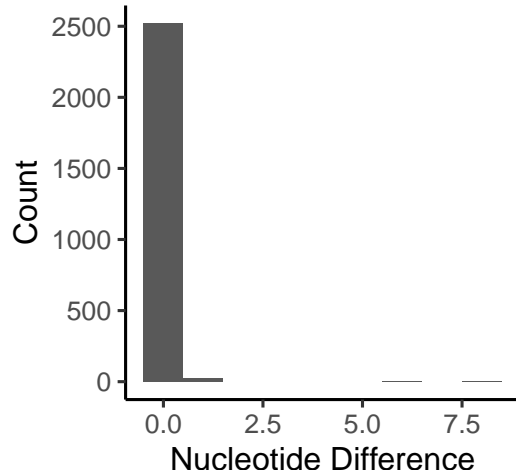
TRBV12-34*ap01

15955 sequences assigned
15800 (99%) exact matches, in which:
15528 unique CDR3
14 unique J



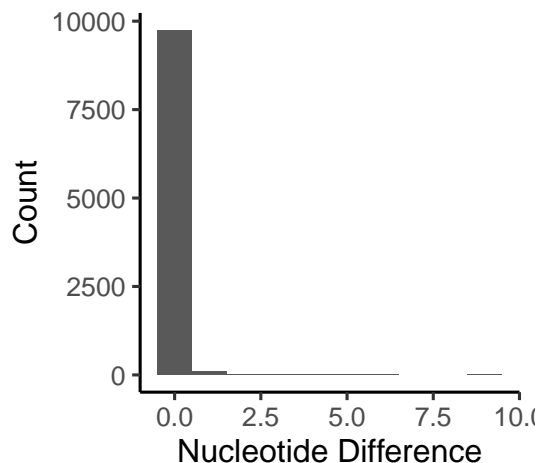
TRBV23-1*ap01

2549 sequences assigned
2520 (98.9%) exact matches, in which:
2466 unique CDR3
14 unique J



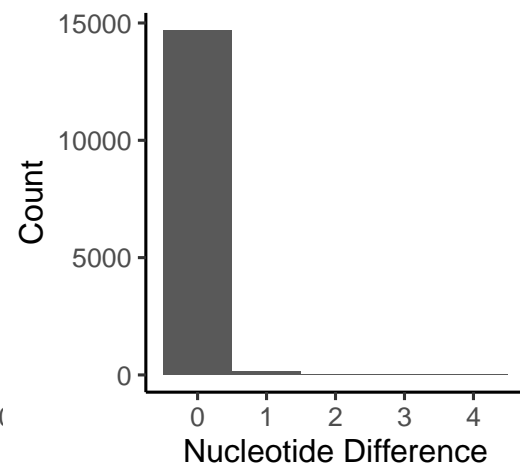
TRBV24-1*ap01

9871 sequences assigned
9746 (98.7%) exact matches, in which:
9590 unique CDR3
14 unique J



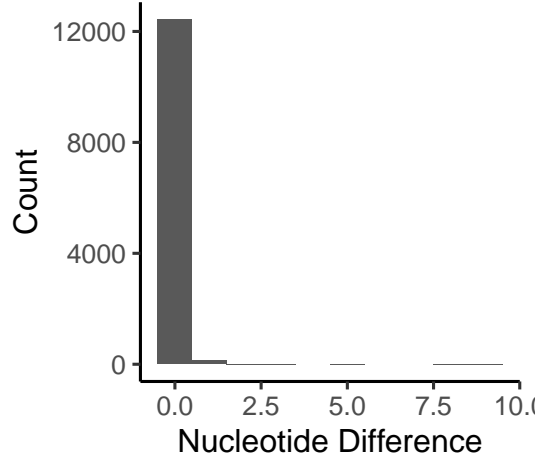
TRBV5-1*ap01

14848 sequences assigned
14695 (99%) exact matches, in which:
14340 unique CDR3
14 unique J



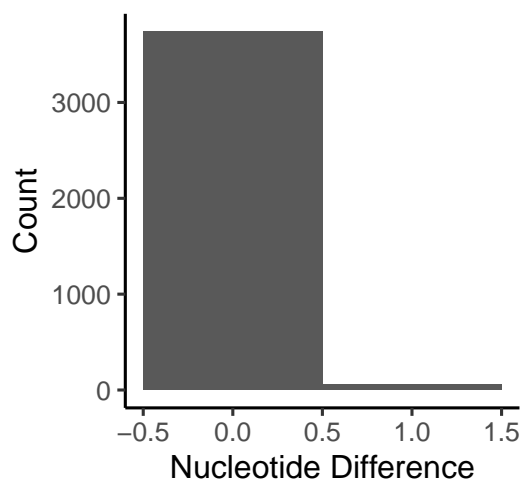
TRBV3-12*ap01

12579 sequences assigned
12432 (98.8%) exact matches, in which:
12172 unique CDR3
14 unique J



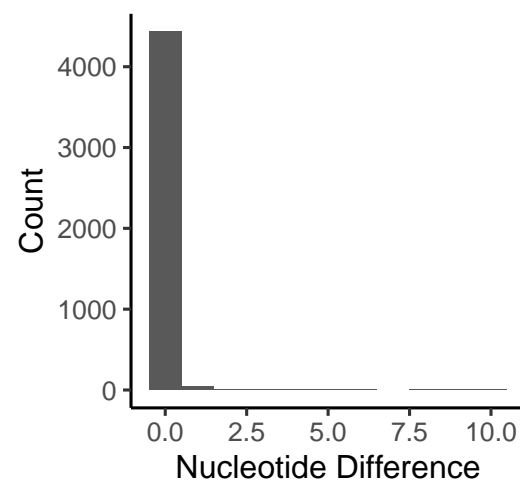
TRBV4-2*ap01

3798 sequences assigned
3738 (98.4%) exact matches, in which:
3644 unique CDR3
14 unique J



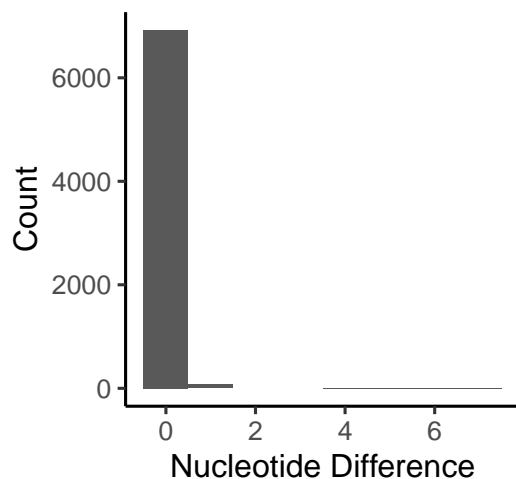
TRBV25-1*ap01

4495 sequences assigned
4433 (98.6%) exact matches, in which:
4361 unique CDR3
14 unique J



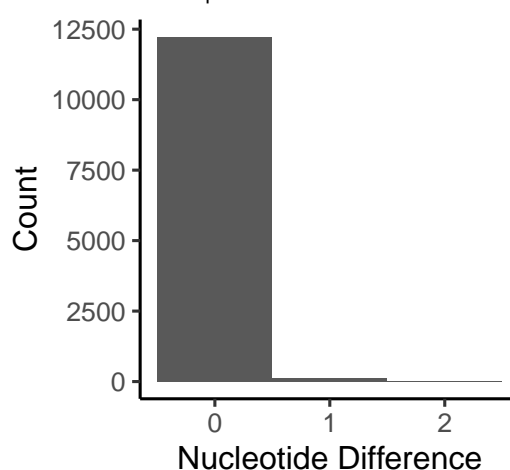
TRBV4-1*ap01

7003 sequences assigned
6923 (98.9%) exact matches, in which:
6782 unique CDR3
14 unique J



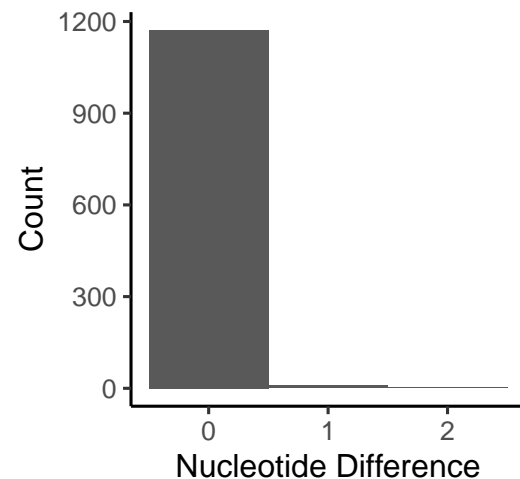
TRBV4-3*ap01

12368 sequences assigned
12230 (98.9%) exact matches, in which:
12004 unique CDR3
15 unique J



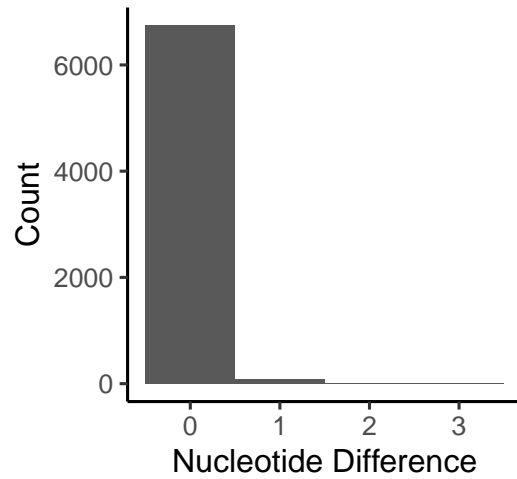
TRBV5-3*ap01

1184 sequences assigned
1172 (99%) exact matches, in which:
1146 unique CDR3
14 unique J



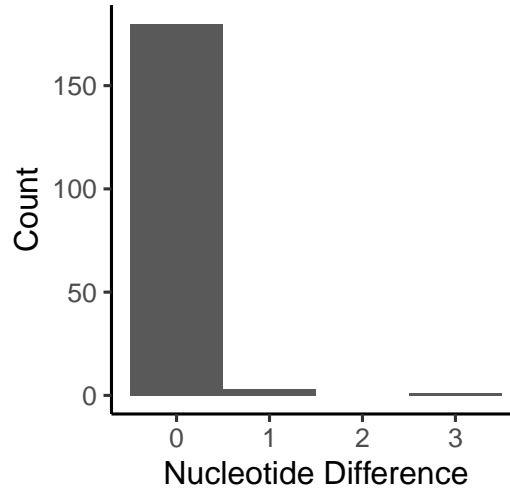
TRBV5-4*ap01

6824 sequences assigned
6744 (98.8%) exact matches, in which:
6587 unique CDR3
14 unique J



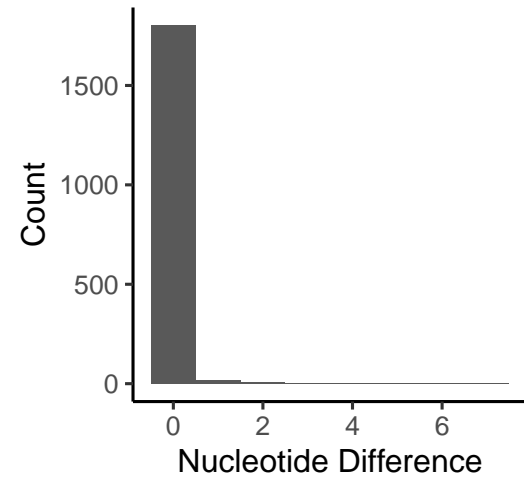
TRBV5-7*ap01

184 sequences assigned
180 (97.8%) exact matches, in which:
176 unique CDR3
14 unique J



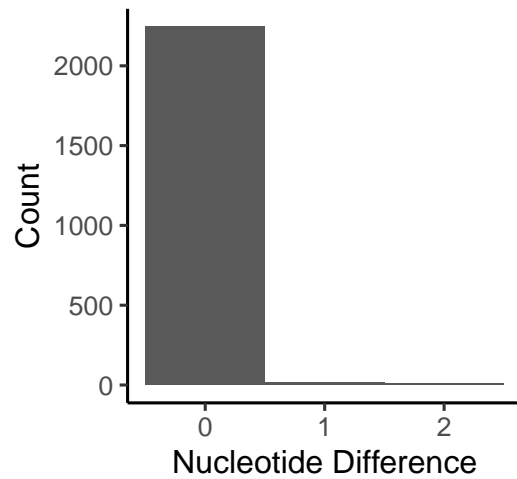
TRBV6-4*ap01

1829 sequences assigned
1802 (98.5%) exact matches, in which:
1773 unique CDR3
14 unique J



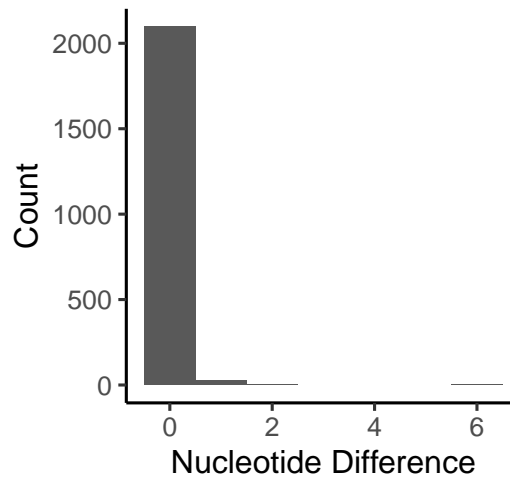
TRBV5-5*ap01

2268 sequences assigned
2245 (99%) exact matches, in which:
2229 unique CDR3
14 unique J



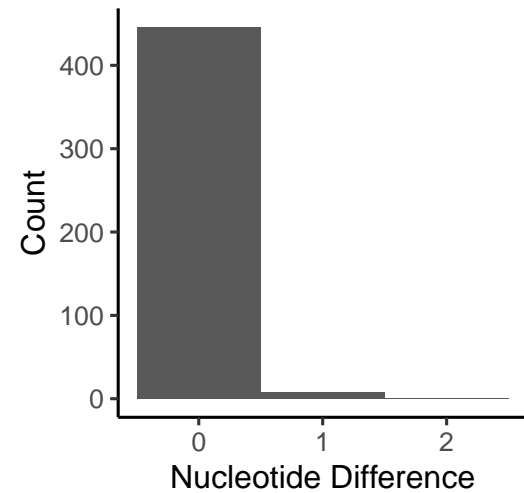
TRBV5-8*ap01

2126 sequences assigned
2097 (98.6%) exact matches, in which:
2061 unique CDR3
14 unique J



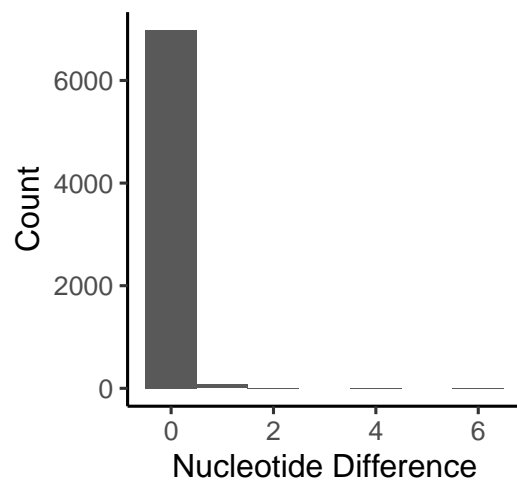
TRBV6-7*ap01

455 sequences assigned
446 (98%) exact matches, in which:
435 unique CDR3
14 unique J



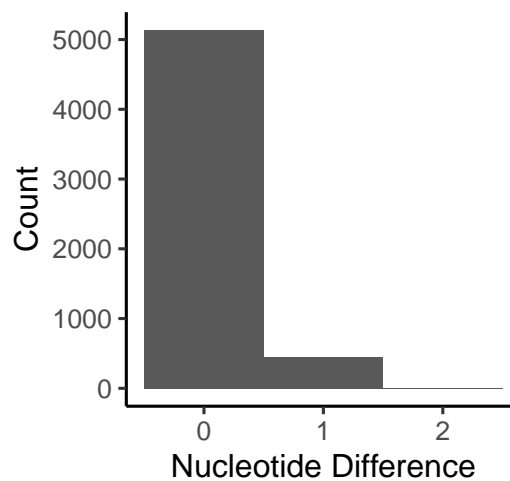
TRBV5-6*ap01

7065 sequences assigned
6983 (98.8%) exact matches, in which:
6793 unique CDR3
14 unique J



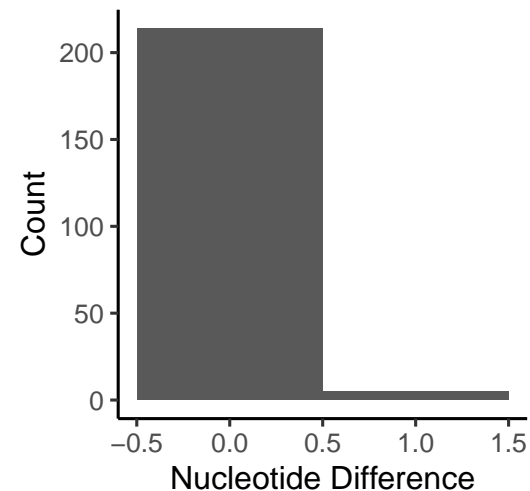
TRBV6-1*ap01

5587 sequences assigned
5136 (91.9%) exact matches, in which:
4995 unique CDR3
14 unique J



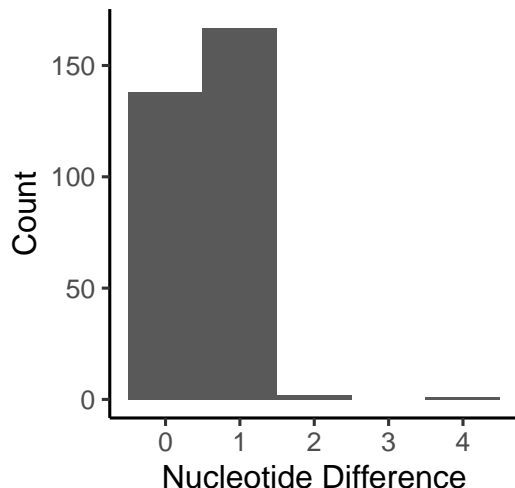
TRBV6-8*ap01

219 sequences assigned
214 (97.7%) exact matches, in which:
211 unique CDR3
14 unique J



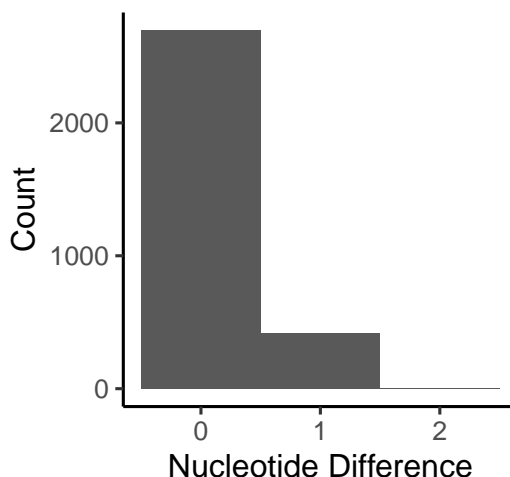
TRBV6-9*ap01

308 sequences assigned
138 (44.8%) exact matches, in which:
136 unique CDR3
14 unique J



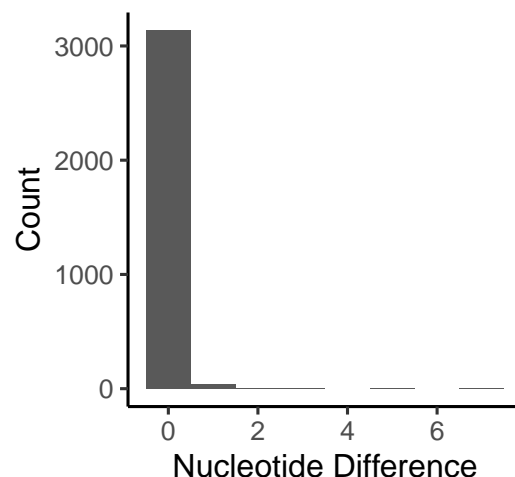
TRBV6-56*ap02

3118 sequences assigned
2696 (86.5%) exact matches, in which:
2635 unique CDR3
14 unique J



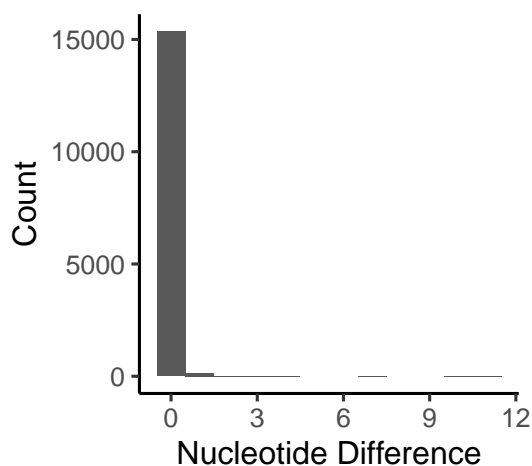
TRBV7-3*ap02

3180 sequences assigned
3136 (98.6%) exact matches, in which:
3063 unique CDR3
14 unique J



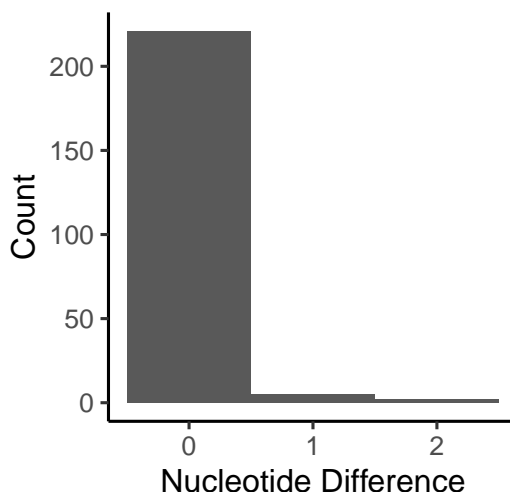
TRBV6-23*ap01

15523 sequences assigned
15356 (98.9%) exact matches, in which:
14955 unique CDR3
14 unique J



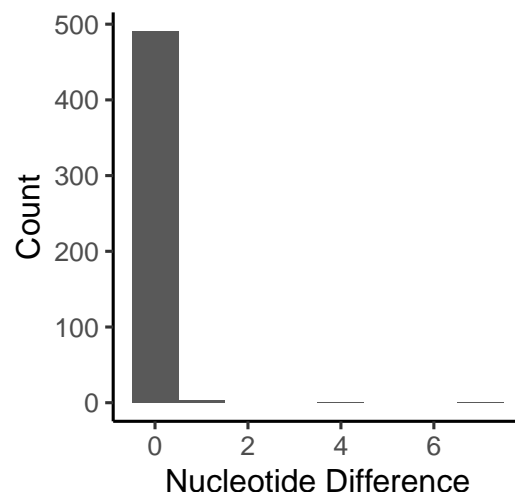
TRBV7-1*ap01_G291C_

228 sequences assigned
221 (96.9%) exact matches, in which:
216 unique CDR3
14 unique J



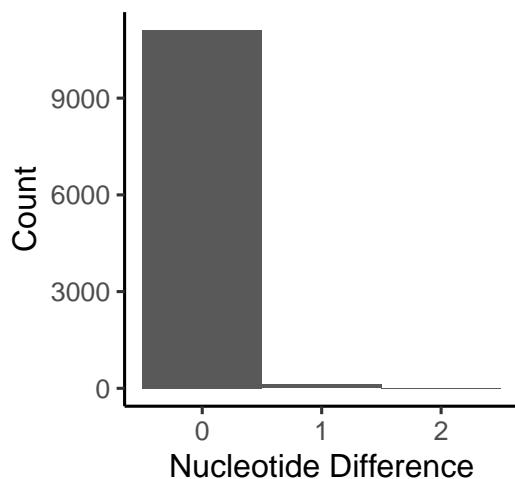
TRBV7-4*ap01

496 sequences assigned
491 (99%) exact matches, in which:
482 unique CDR3
14 unique J



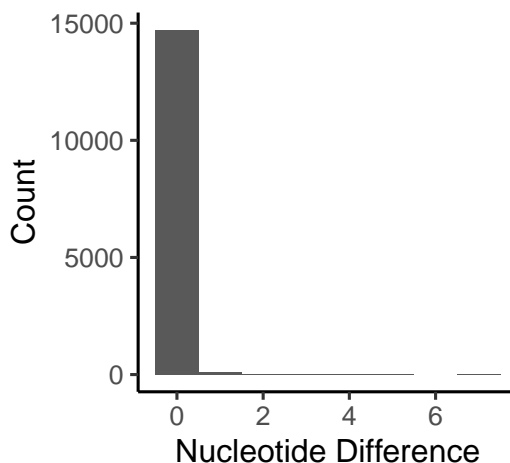
TRBV6-56*ap01

11230 sequences assigned
11112 (98.9%) exact matches, in which:
10858 unique CDR3
14 unique J



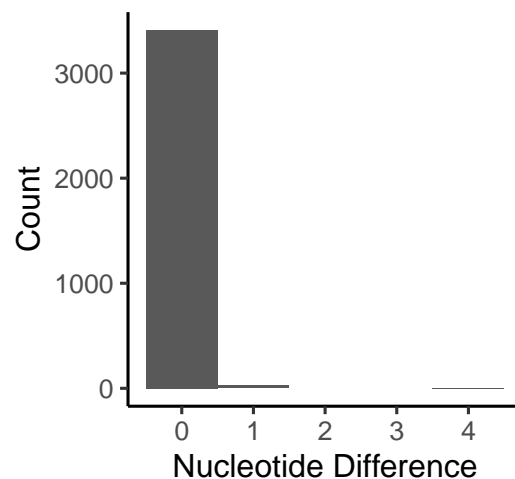
TRBV7-2*ap01

14844 sequences assigned
14719 (99.2%) exact matches, in which:
14460 unique CDR3
14 unique J



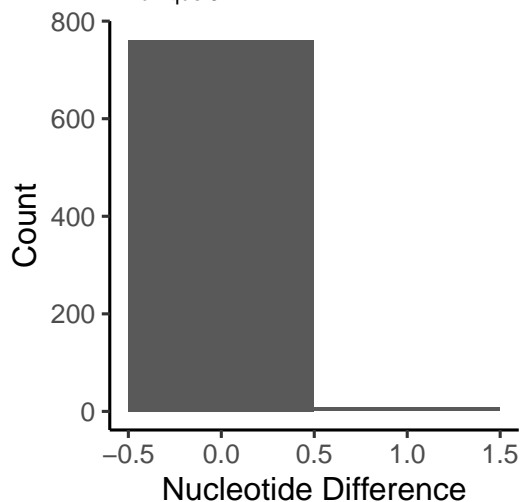
TRBV7-6*ap01

3437 sequences assigned
3410 (99.2%) exact matches, in which:
3344 unique CDR3
14 unique J



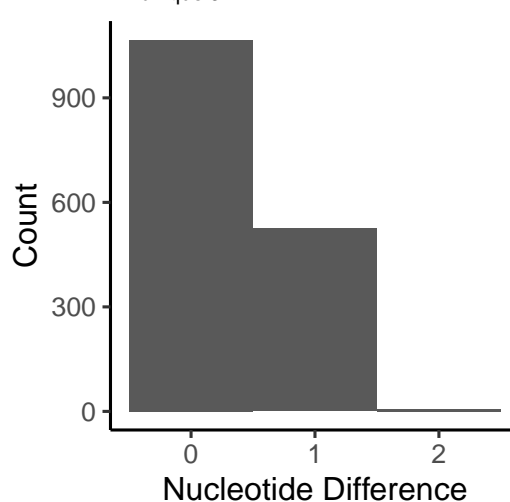
TRBV7-7*ap01

770 sequences assigned
762 (99%) exact matches, in which:
745 unique CDR3
14 unique J



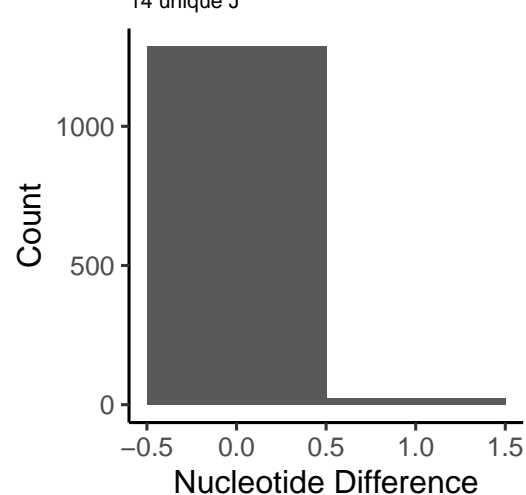
TRBV7-8*ap03

1599 sequences assigned
1067 (66.7%) exact matches, in which:
1043 unique CDR3
14 unique J



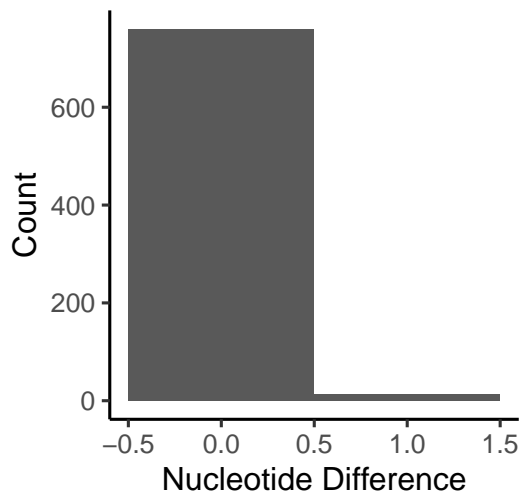
TRBV29-1*ap02

1309 sequences assigned
1287 (98.3%) exact matches, in which:
1270 unique CDR3
14 unique J



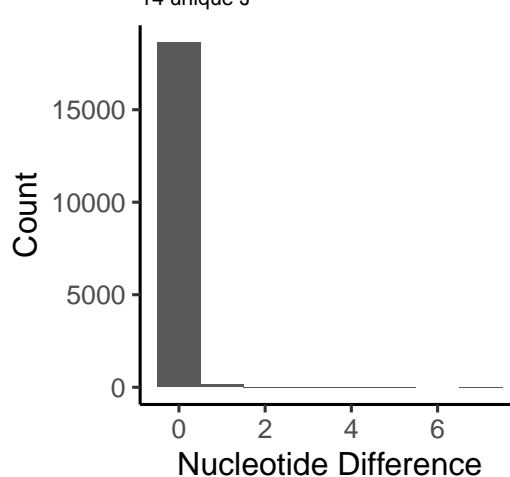
TRBV7-7*ap01_C315T

773 sequences assigned
760 (98.3%) exact matches, in which:
750 unique CDR3
13 unique J



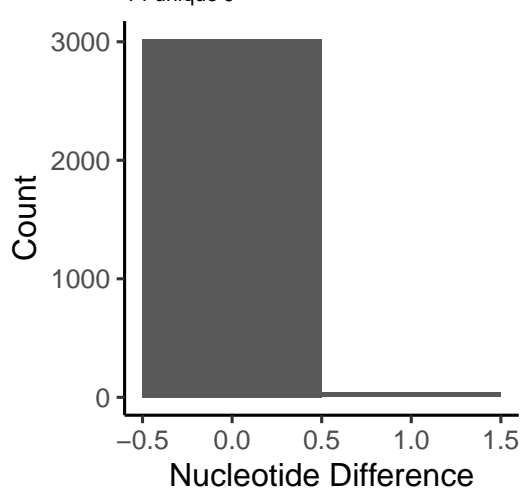
TRBV7-9*ap01

18780 sequences assigned
18633 (99.2%) exact matches, in which:
18310 unique CDR3
14 unique J



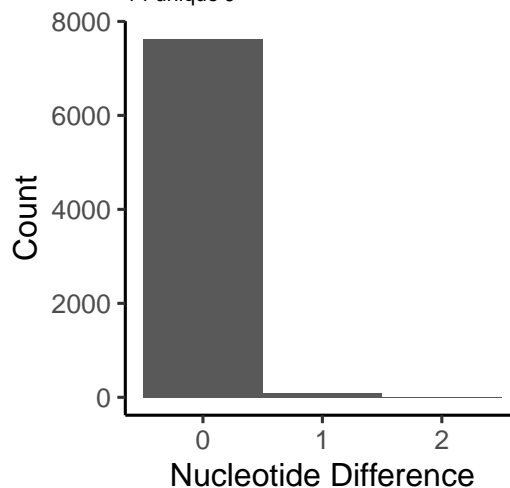
TRBV7-8*ap01

3064 sequences assigned
3023 (98.7%) exact matches, in which:
2946 unique CDR3
14 unique J

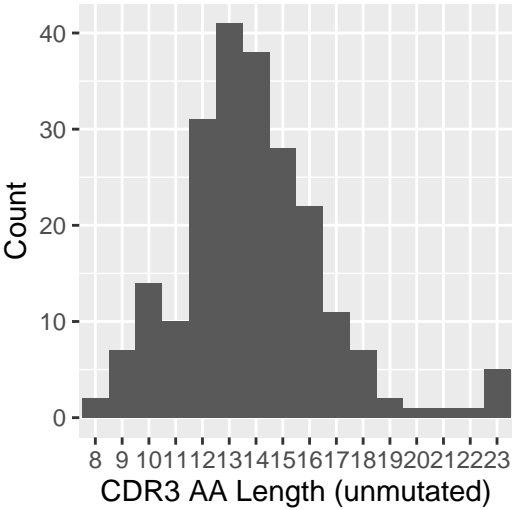


TRBV29-1*ap01

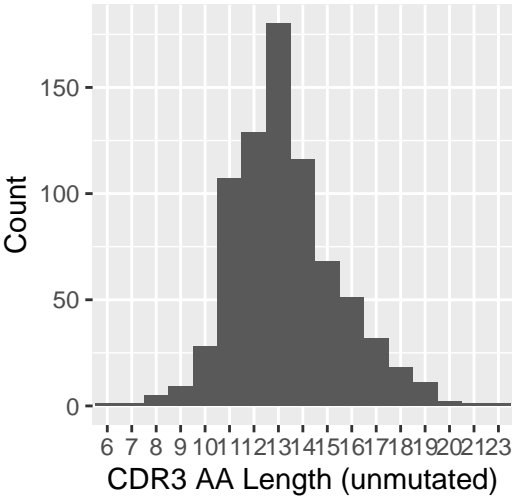
7722 sequences assigned
7625 (98.7%) exact matches, in which:
7488 unique CDR3
14 unique J

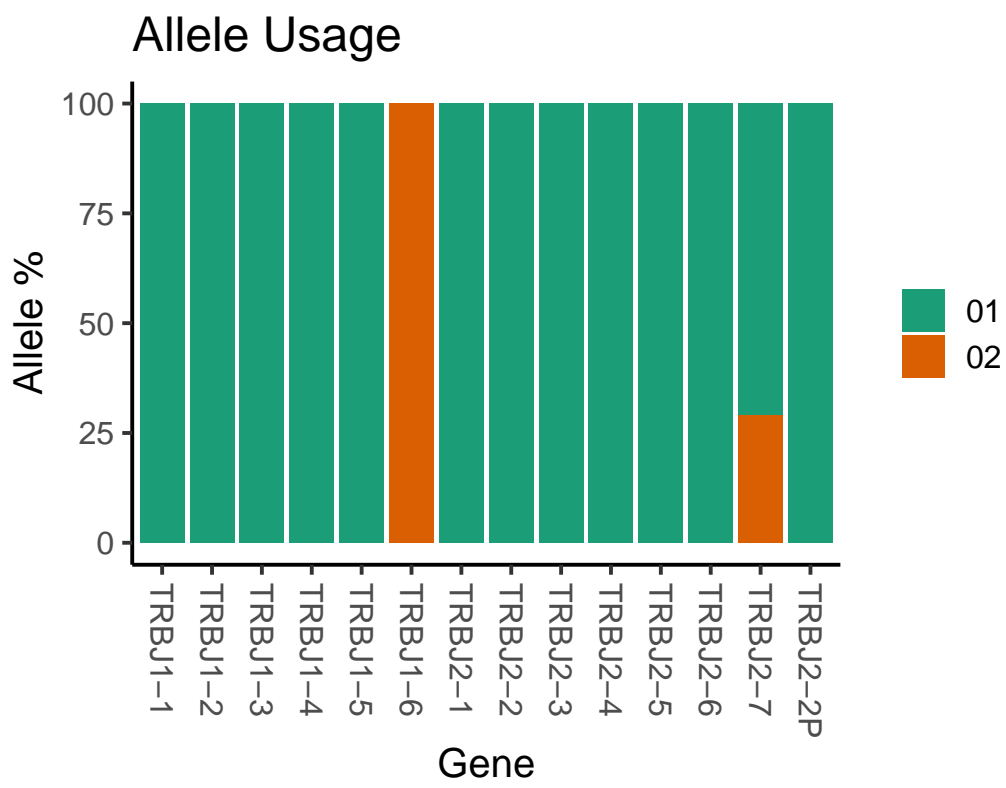


TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Sequence Count by TRBJ2-7 allele usage

