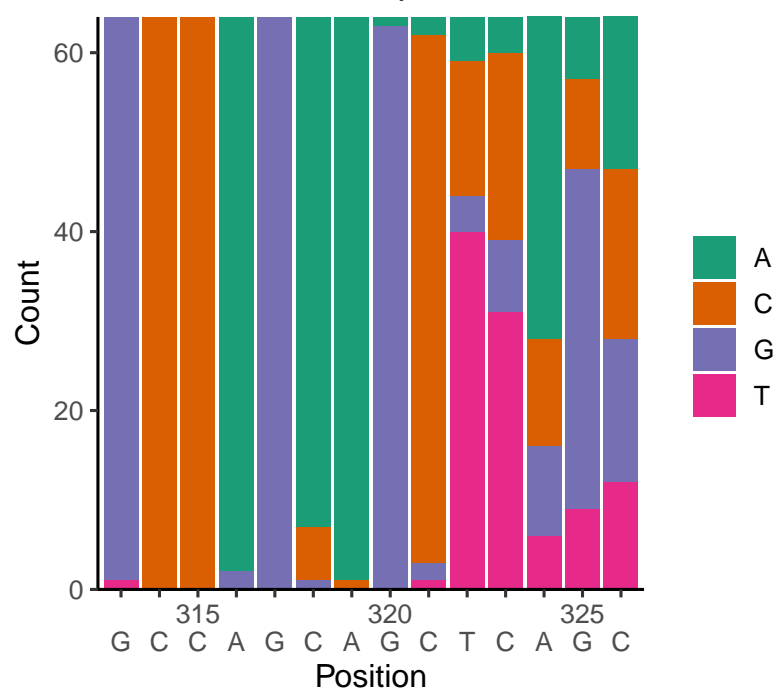
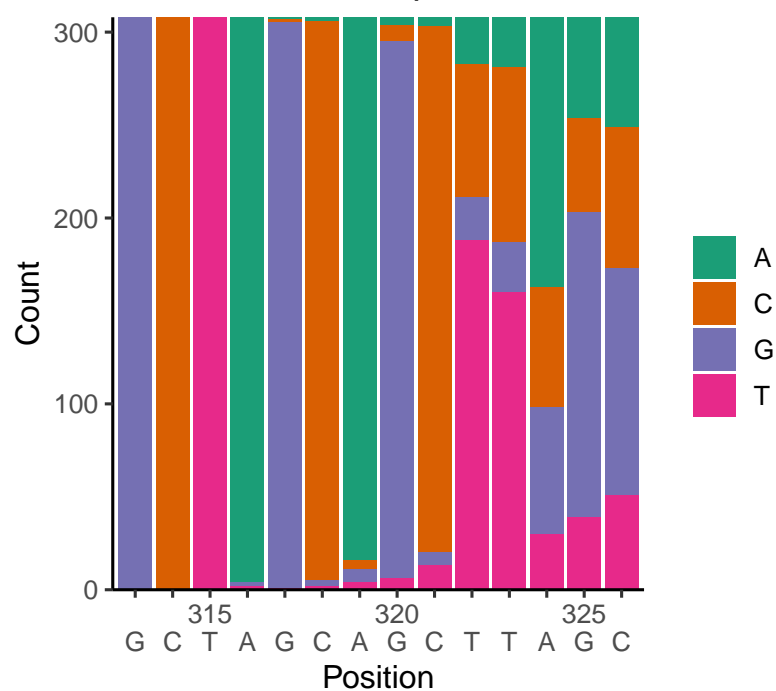


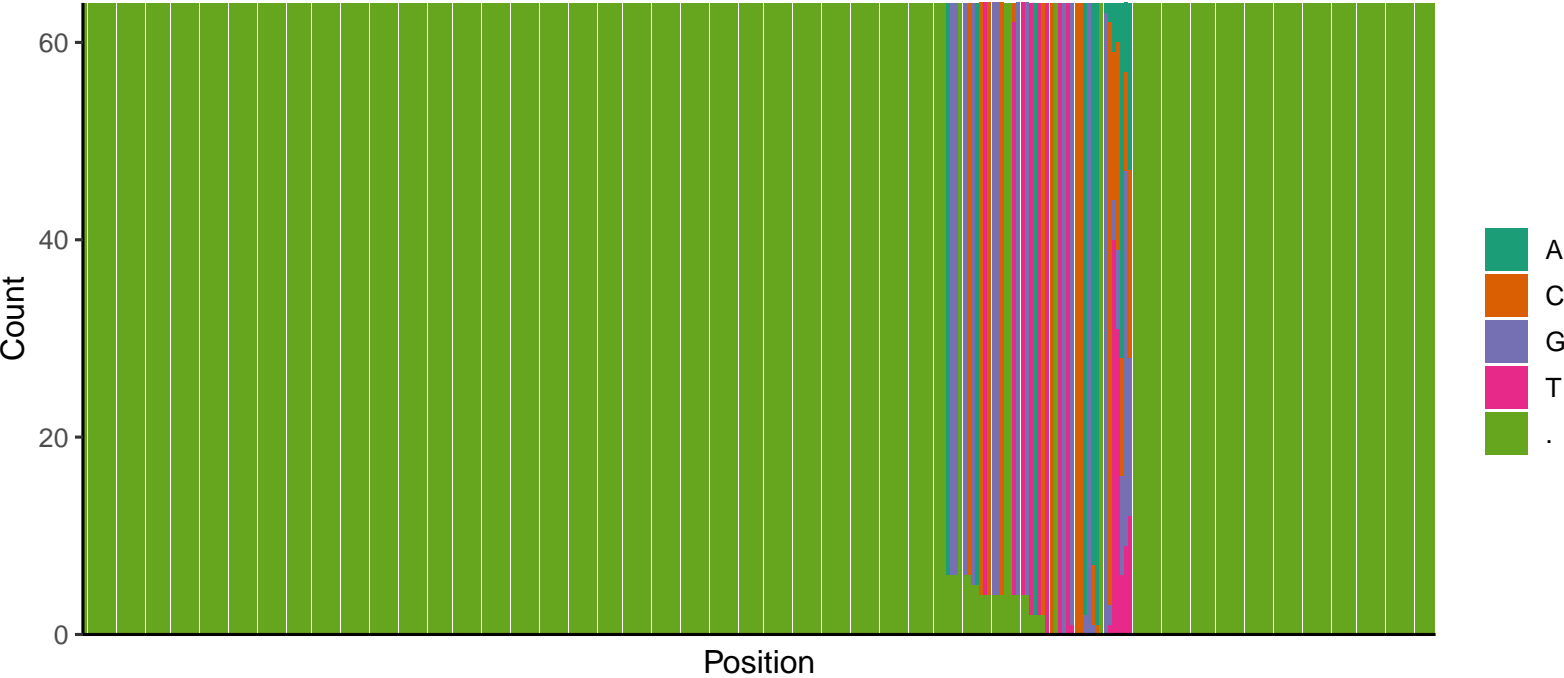
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



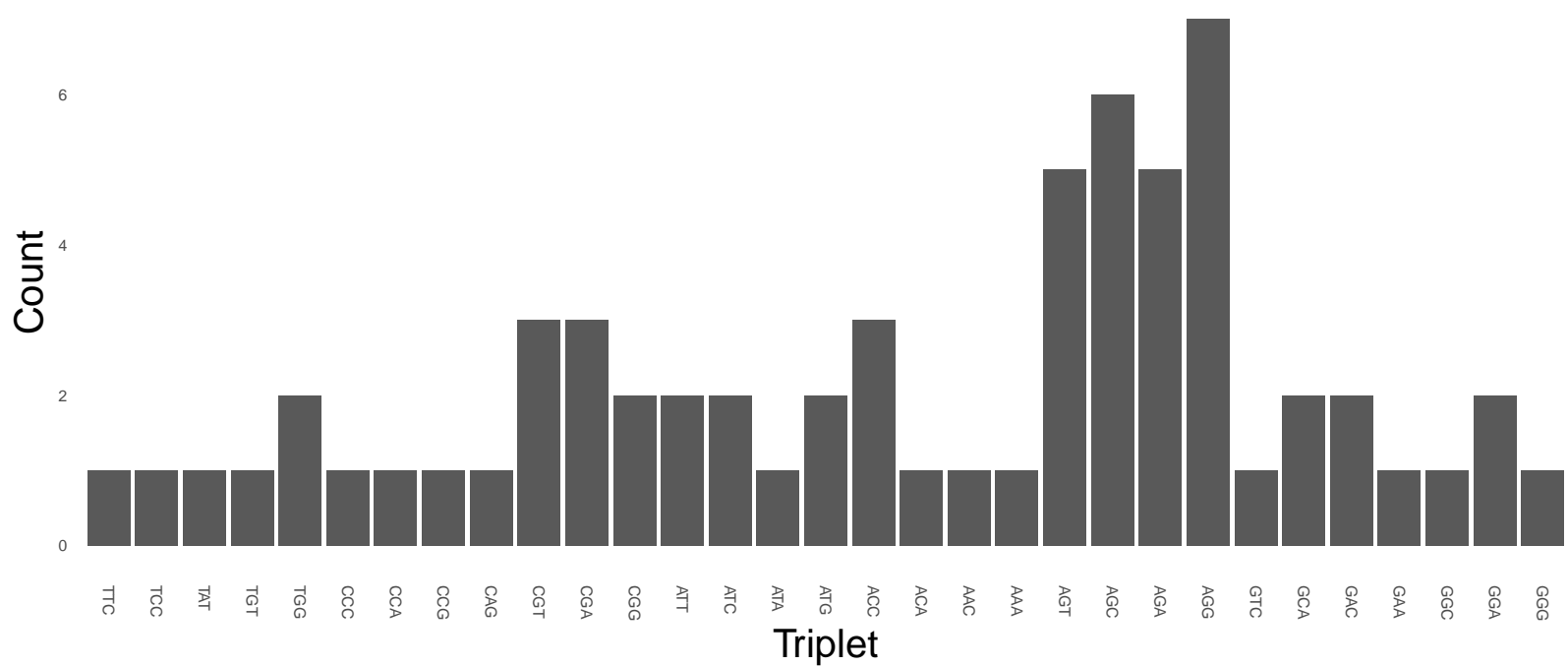
Gene TRBV7-1*ap01_G291C_T296C



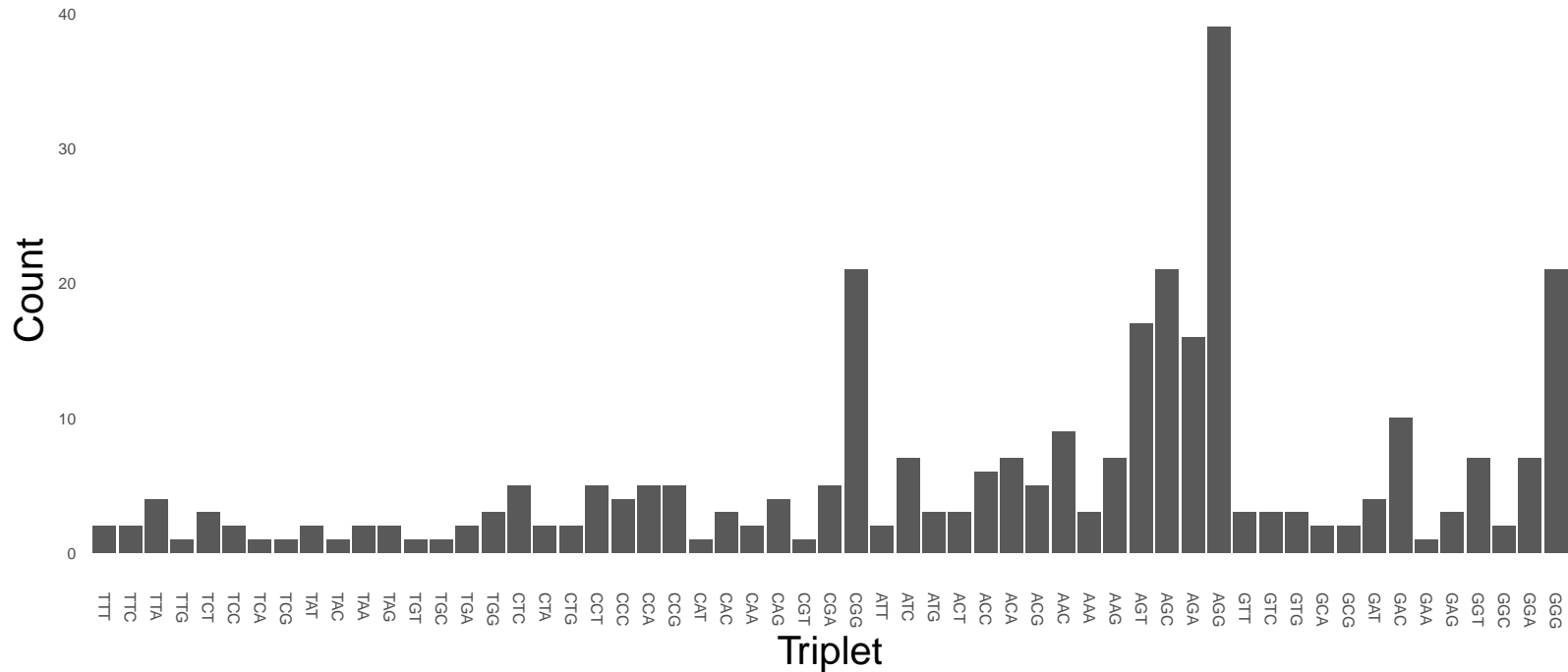
Gene TRBV7-7*ap01_C315T



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

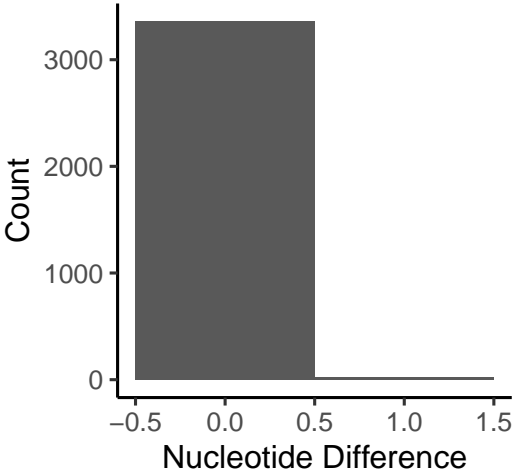


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



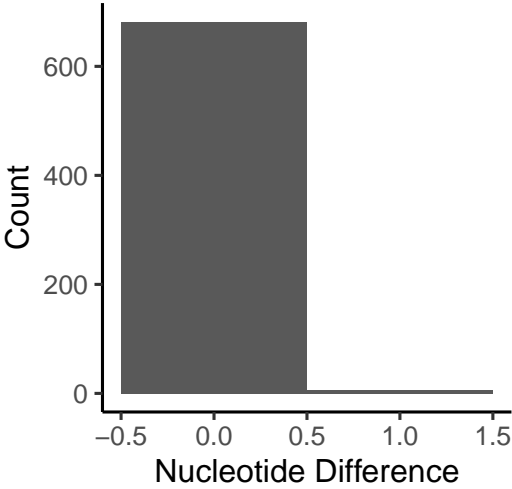
TRBV20-1*ap01

3386 sequences assigned
3359 (99.2%) exact matches, in which:
3337 unique CDR3
13 unique J



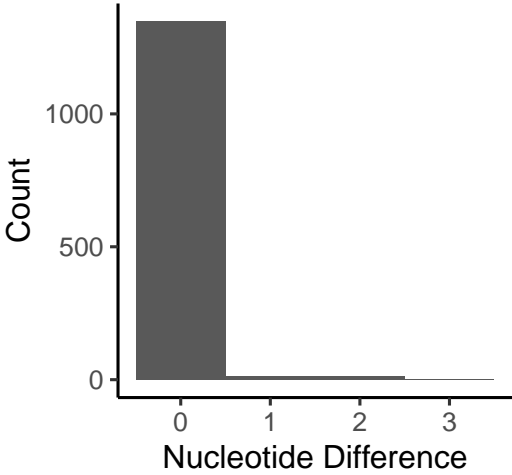
TRBV10-2*ap01

688 sequences assigned
682 (99.1%) exact matches, in which:
681 unique CDR3
13 unique J



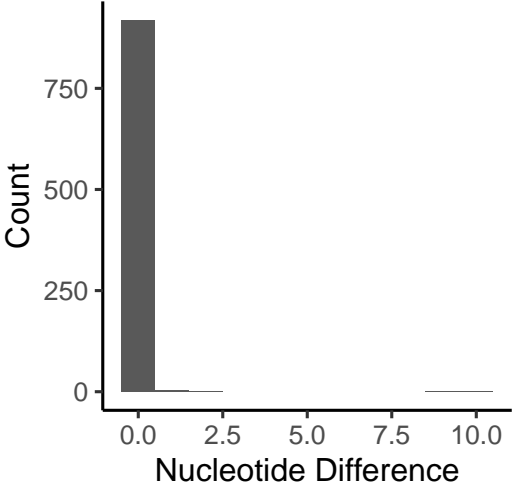
TRBV13*ap01

1375 sequences assigned
1348 (98%) exact matches, in which:
1331 unique CDR3
13 unique J



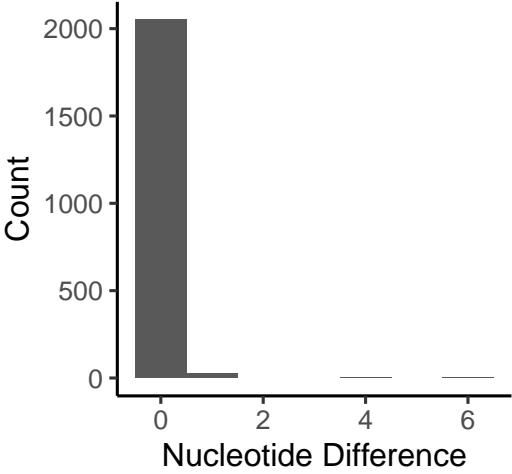
TRBV10-1*ap01

925 sequences assigned
919 (99.4%) exact matches, in which:
908 unique CDR3
13 unique J



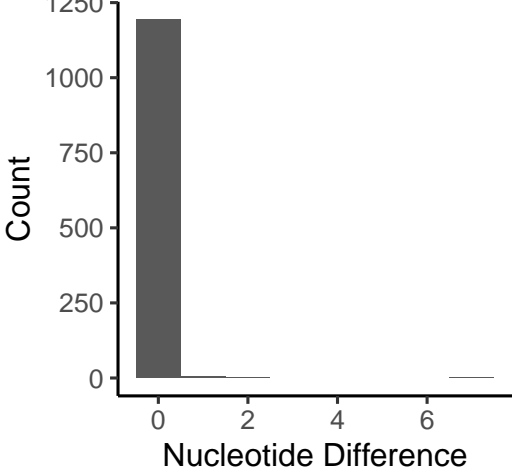
TRBV10-3*ap01

2079 sequences assigned
2051 (98.7%) exact matches, in which:
2029 unique CDR3
13 unique J



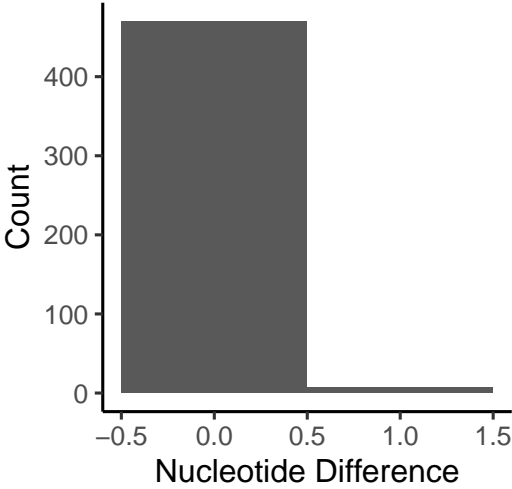
TRBV14*ap01

1201 sequences assigned
1193 (99.3%) exact matches, in which:
1185 unique CDR3
13 unique J



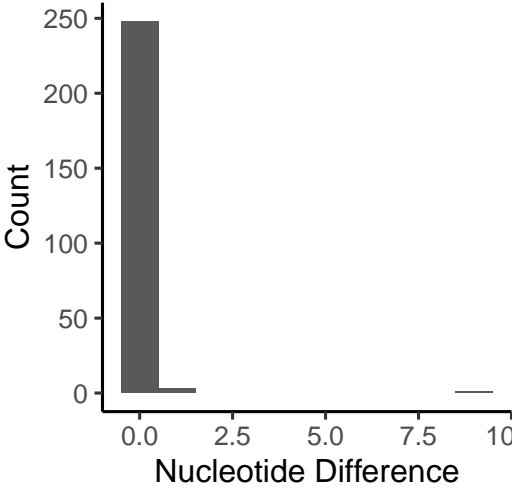
TRBV20-1*ap02

477 sequences assigned
470 (98.5%) exact matches, in which:
467 unique CDR3
13 unique J



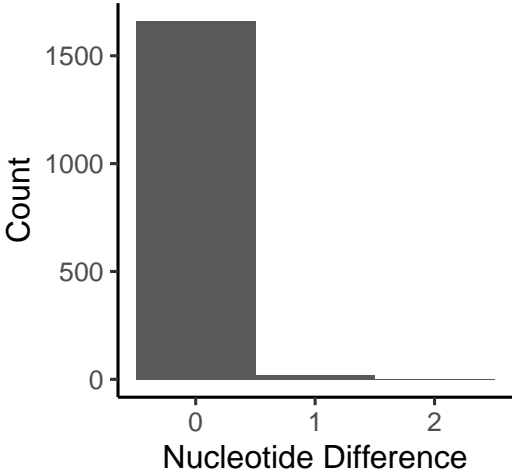
TRBV1*ap01

252 sequences assigned
248 (98.4%) exact matches, in which:
243 unique CDR3
13 unique J



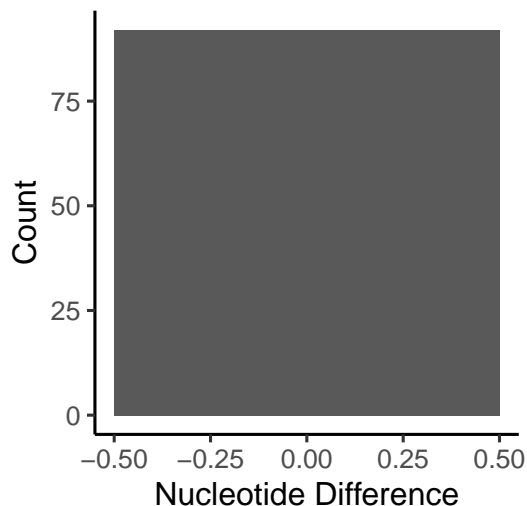
TRBV15*ap02

1684 sequences assigned
1661 (98.6%) exact matches, in which:
1638 unique CDR3
13 unique J



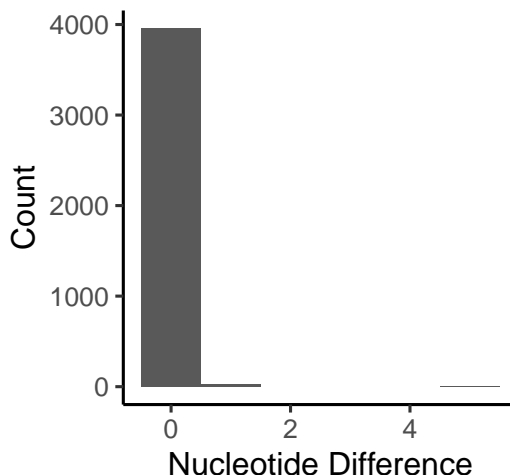
TRBV16*ap01

92 sequences assigned
92 (100%) exact matches, in which:
92 unique CDR3
12 unique J



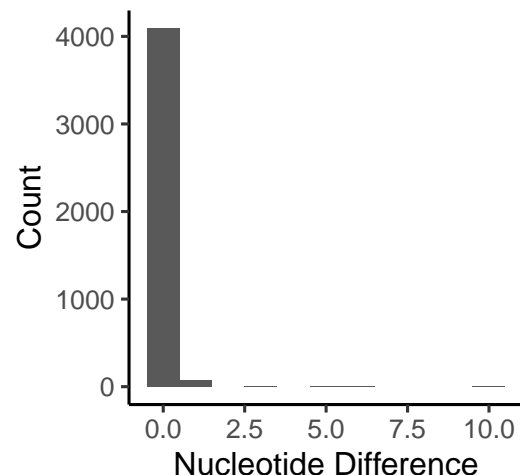
TRBV2*ap01

3987 sequences assigned
3957 (99.2%) exact matches, in which:
3916 unique CDR3
13 unique J



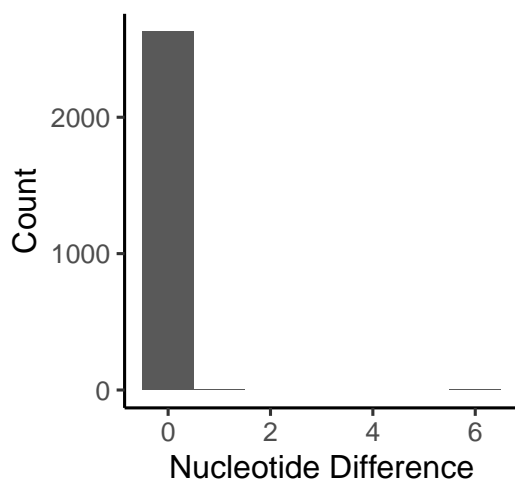
TRBV30*ap01

4167 sequences assigned
4091 (98.2%) exact matches, in which:
4020 unique CDR3
13 unique J



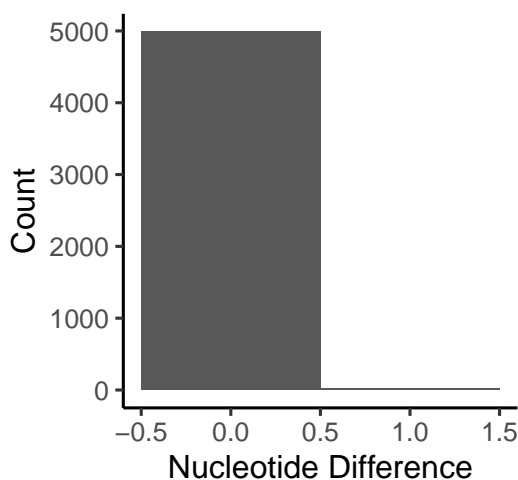
TRBV18*ap01

2634 sequences assigned
2627 (99.7%) exact matches, in which:
2617 unique CDR3
13 unique J



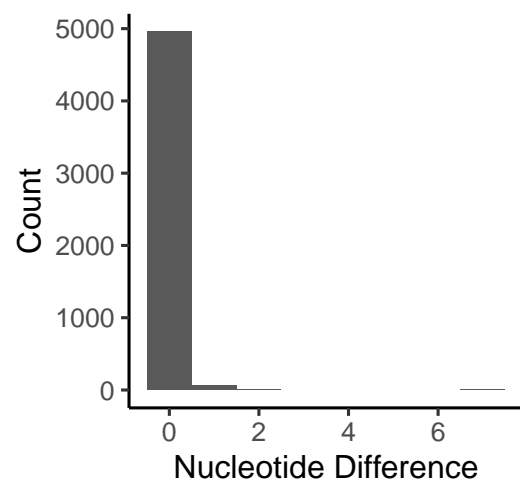
TRBV27*ap01

5013 sequences assigned
4989 (99.5%) exact matches, in which:
4948 unique CDR3
13 unique J



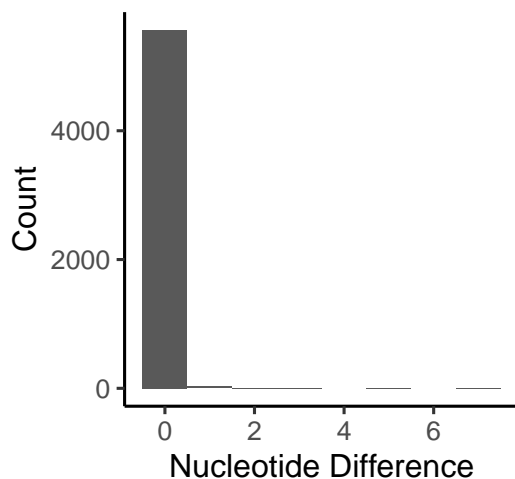
TRBV9*ap01

5023 sequences assigned
4957 (98.7%) exact matches, in which:
4920 unique CDR3
13 unique J



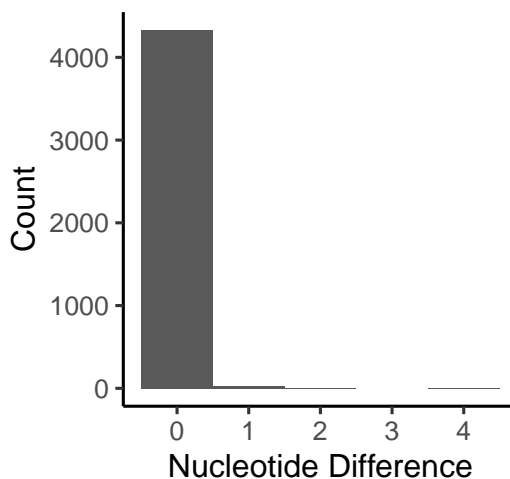
TRBV19*ap01

5601 sequences assigned
5564 (99.3%) exact matches, in which:
5539 unique CDR3
13 unique J



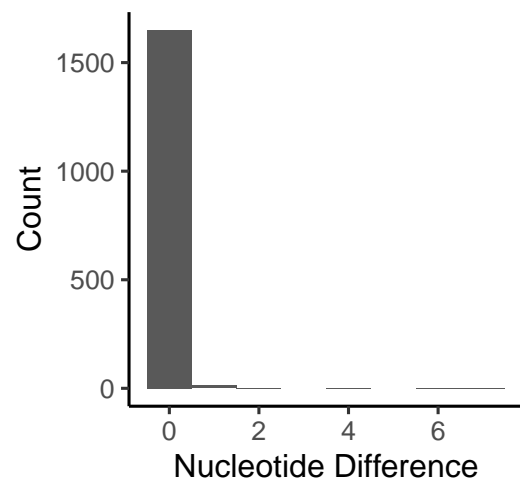
TRBV28*ap01

4360 sequences assigned
4330 (99.3%) exact matches, in which:
4296 unique CDR3
13 unique J



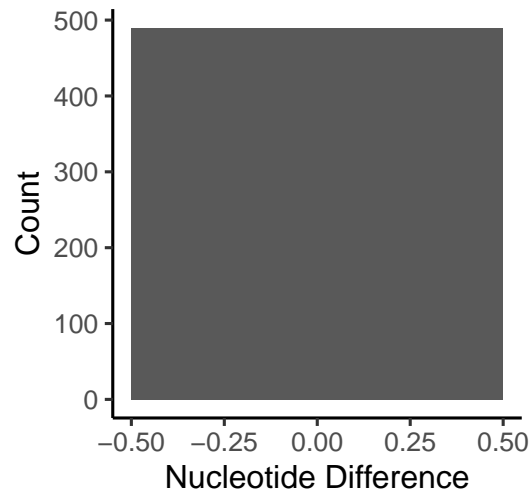
TRBV21-1*ap01

1667 sequences assigned
1650 (99%) exact matches, in which:
1646 unique CDR3
13 unique J



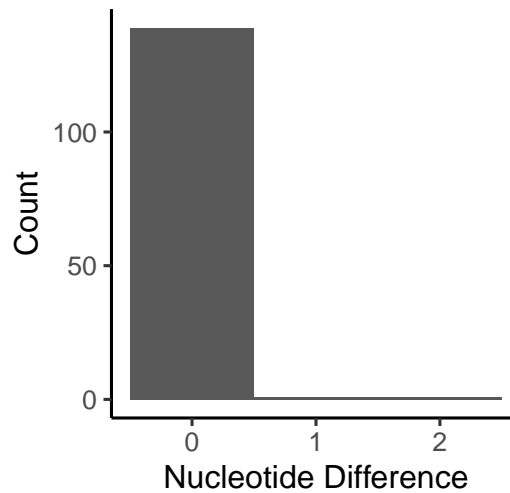
TRBV11-1*ap01

490 sequences assigned
490 (100%) exact matches, in which:
488 unique CDR3
13 unique J



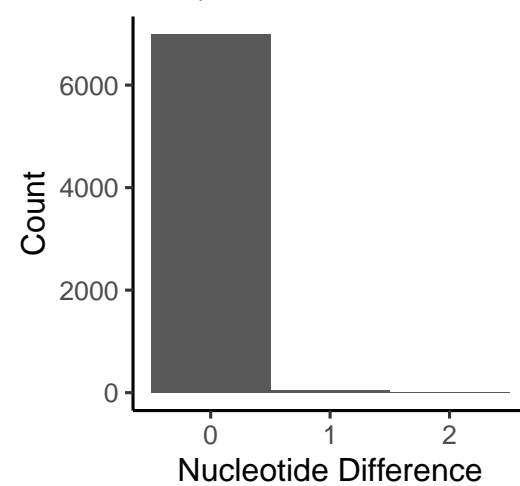
TRBV12-1*ap01

141 sequences assigned
139 (98.6%) exact matches, in which:
138 unique CDR3
12 unique J



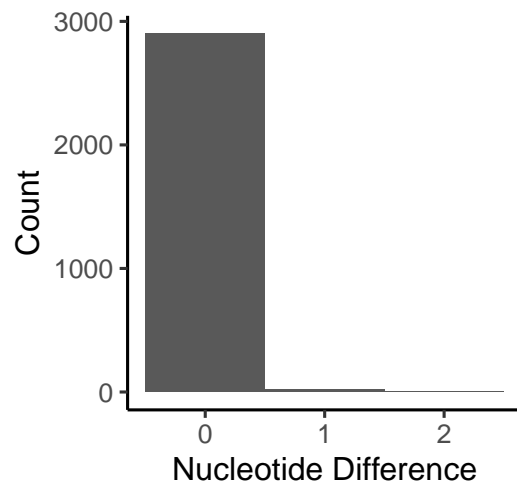
TRBV12-34*ap01

7043 sequences assigned
6989 (99.2%) exact matches, in which:
6935 unique CDR3
13 unique J



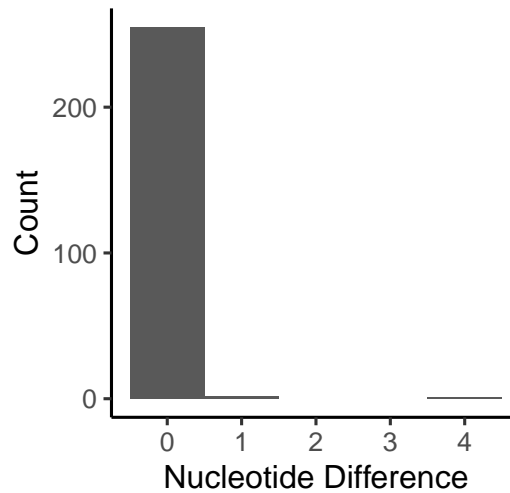
TRBV11-2*ap01

2919 sequences assigned
2900 (99.3%) exact matches, in which:
2869 unique CDR3
13 unique J



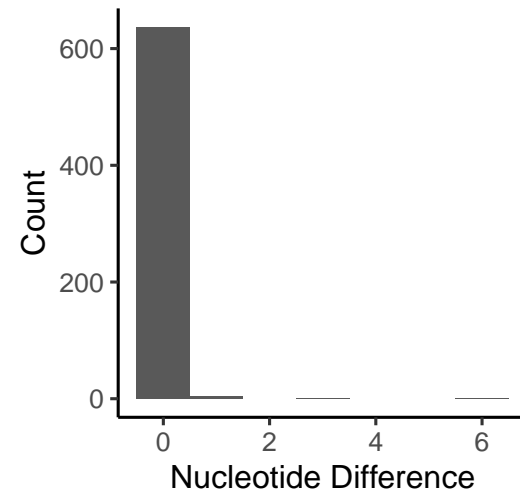
TRBV12-2*ap01

258 sequences assigned
255 (98.8%) exact matches, in which:
254 unique CDR3
13 unique J



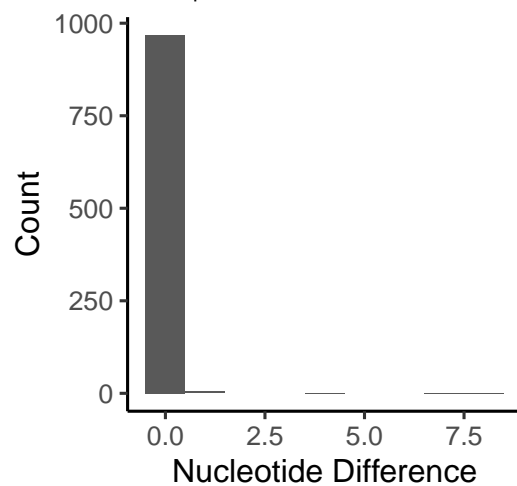
TRBV23-1*ap01

643 sequences assigned
637 (99.1%) exact matches, in which:
635 unique CDR3
13 unique J



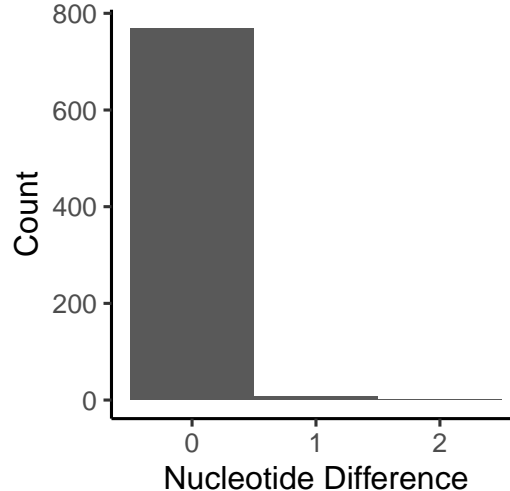
TRBV11-3*ap01

976 sequences assigned
968 (99.2%) exact matches, in which:
960 unique CDR3
13 unique J



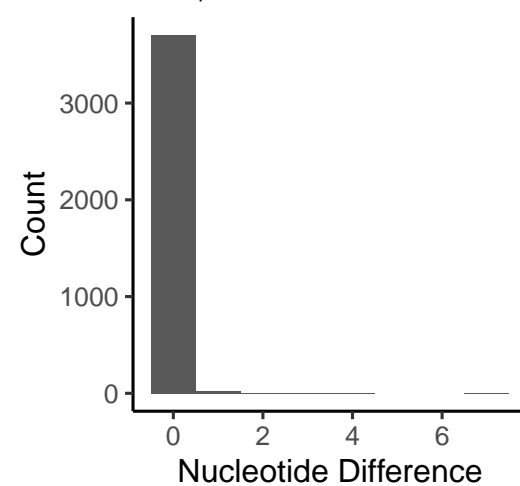
TRBV12-5*ap01

778 sequences assigned
769 (98.8%) exact matches, in which:
765 unique CDR3
13 unique J



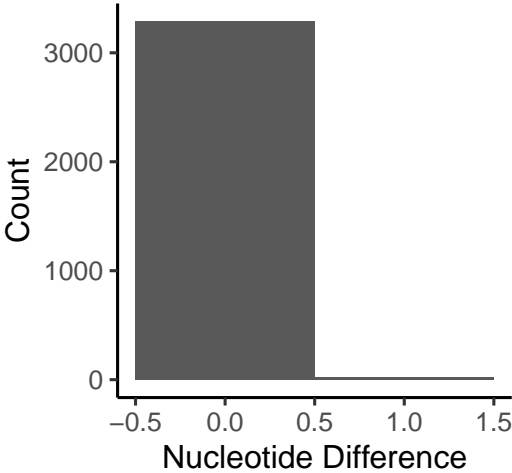
TRBV3-12*ap01

3733 sequences assigned
3703 (99.2%) exact matches, in which:
3689 unique CDR3
13 unique J



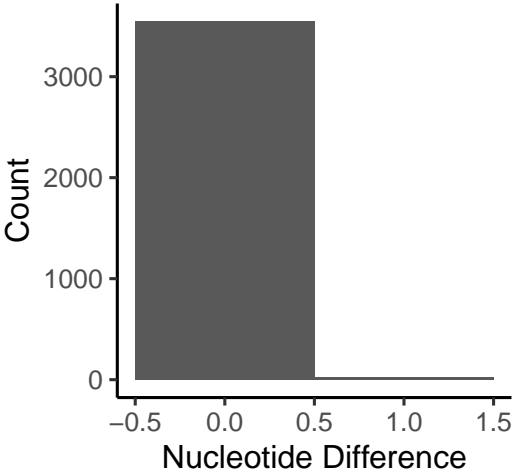
TRBV4-1*ap01

3308 sequences assigned
3288 (99.4%) exact matches, in which:
3243 unique CDR3
13 unique J



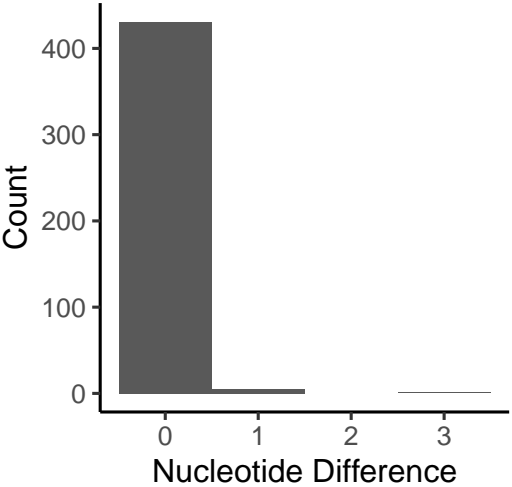
TRBV4-3*ap01

3569 sequences assigned
3547 (99.4%) exact matches, in which:
3509 unique CDR3
13 unique J



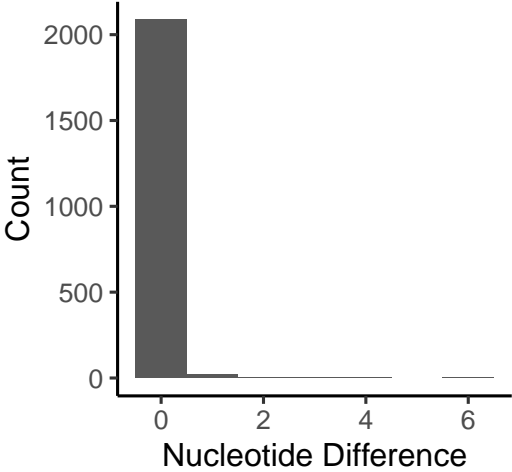
TRBV5-3*ap01

437 sequences assigned
431 (98.6%) exact matches, in which:
429 unique CDR3
13 unique J



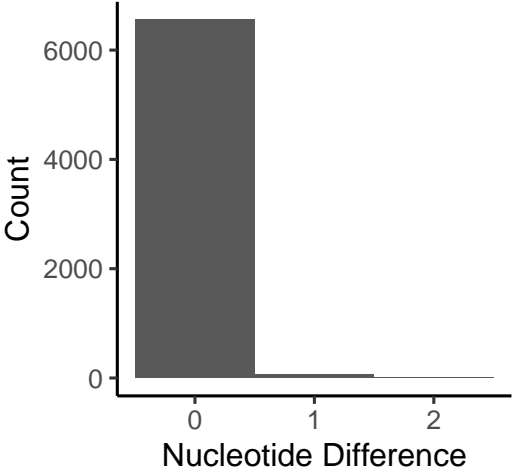
TRBV24-1*ap01

2112 sequences assigned
2087 (98.8%) exact matches, in which:
2060 unique CDR3
13 unique J



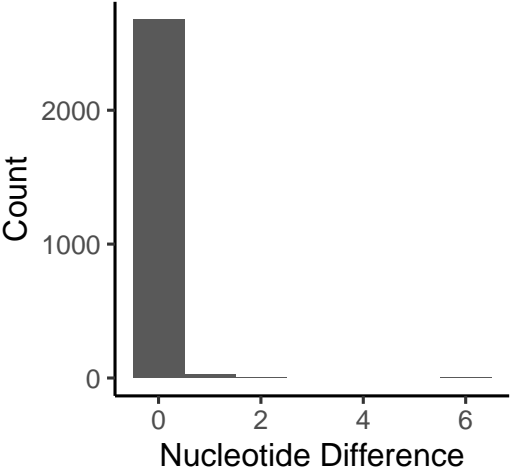
TRBV5-1*ap01

6613 sequences assigned
6556 (99.1%) exact matches, in which:
6463 unique CDR3
13 unique J



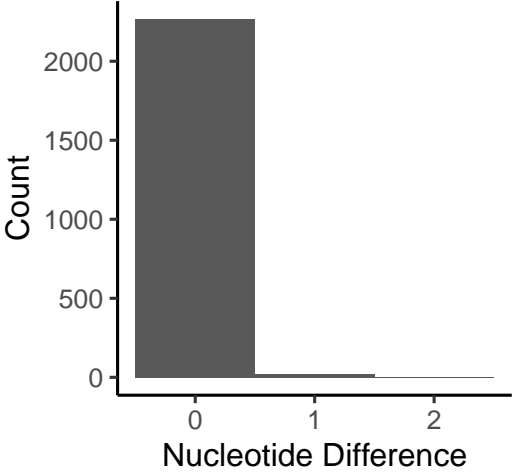
TRBV5-4*ap01

2704 sequences assigned
2676 (99%) exact matches, in which:
2639 unique CDR3
13 unique J



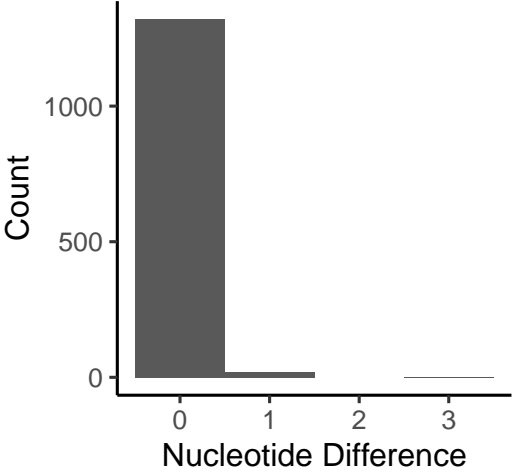
TRBV4-2*ap01

2289 sequences assigned
2267 (99%) exact matches, in which:
2238 unique CDR3
13 unique J



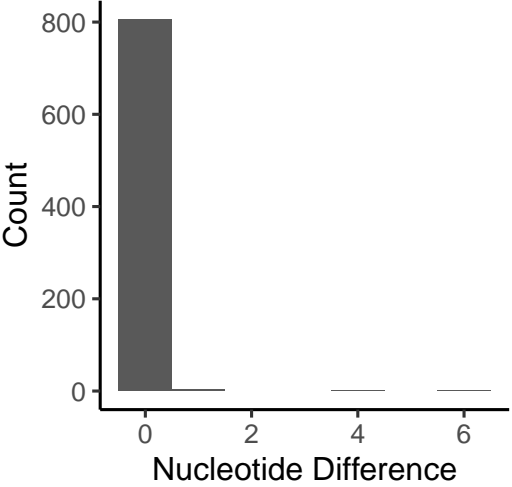
TRBV25-1*ap01

1342 sequences assigned
1321 (98.4%) exact matches, in which:
1299 unique CDR3
13 unique J



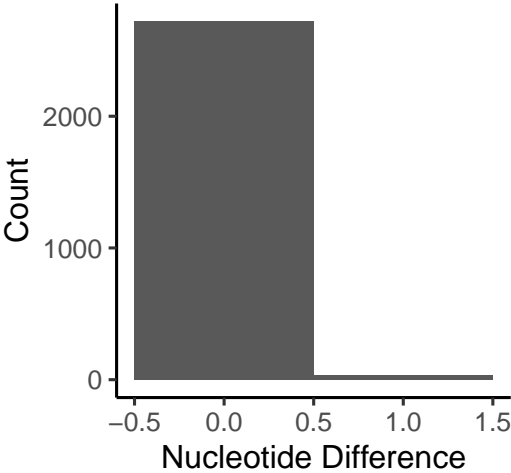
TRBV5-5*ap01

812 sequences assigned
806 (99.3%) exact matches, in which:
802 unique CDR3
13 unique J



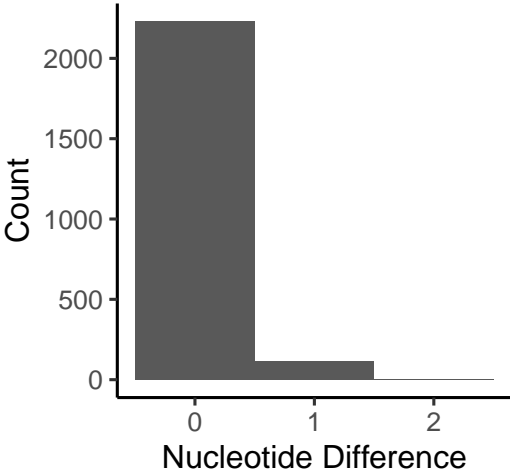
TRBV5-6*ap01

2754 sequences assigned
2720 (98.8%) exact matches, in which:
2665 unique CDR3
13 unique J



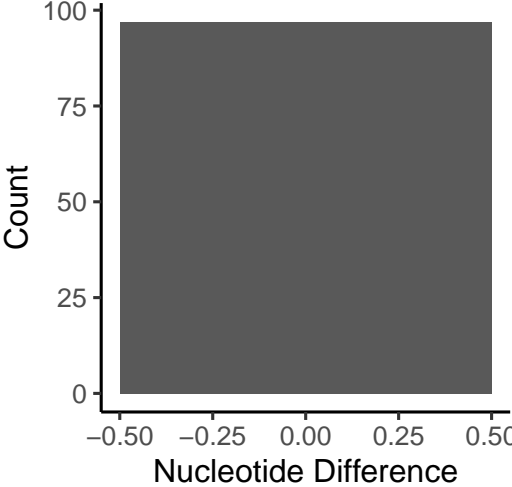
TRBV6-1*ap01

2344 sequences assigned
2230 (95.1%) exact matches, in which:
2190 unique CDR3
13 unique J



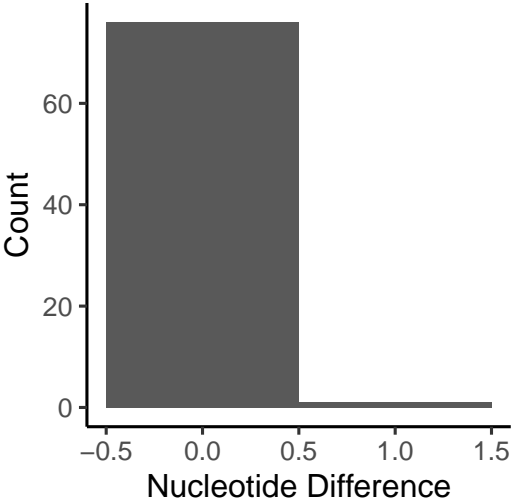
TRBV6-8*ap01

97 sequences assigned
97 (100%) exact matches, in which:
97 unique CDR3
13 unique J



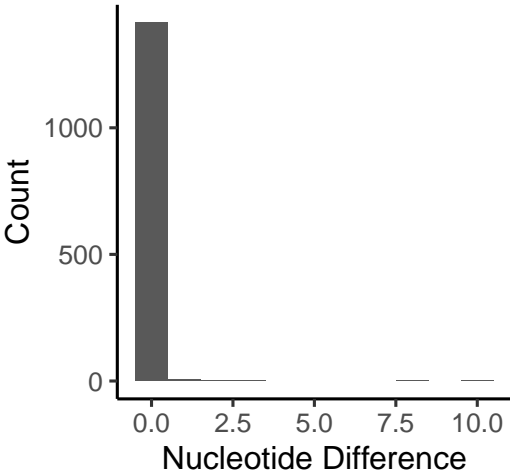
TRBV5-7*ap01

77 sequences assigned
76 (98.7%) exact matches, in which:
76 unique CDR3
13 unique J



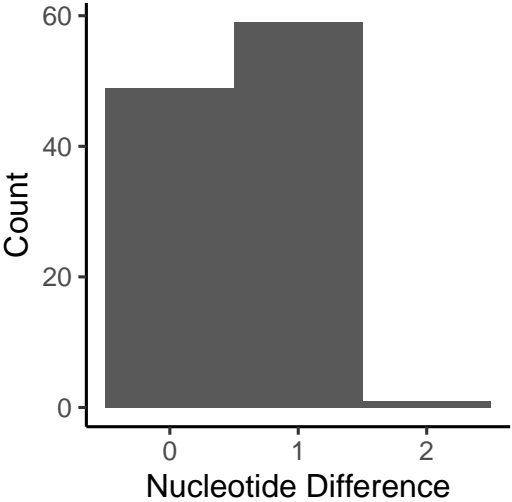
TRBV6-4*ap01

1430 sequences assigned
1415 (99%) exact matches, in which:
1407 unique CDR3
13 unique J



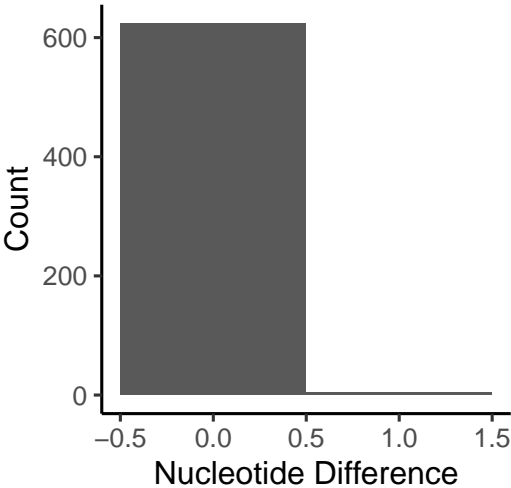
TRBV6-9*ap01

109 sequences assigned
49 (45%) exact matches, in which:
48 unique CDR3
12 unique J



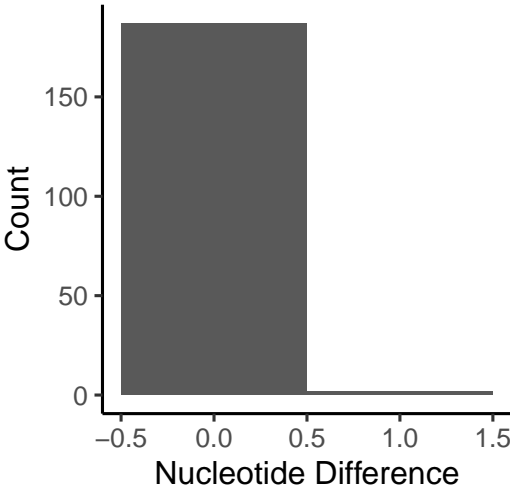
TRBV5-8*ap01

628 sequences assigned
624 (99.4%) exact matches, in which:
620 unique CDR3
13 unique J



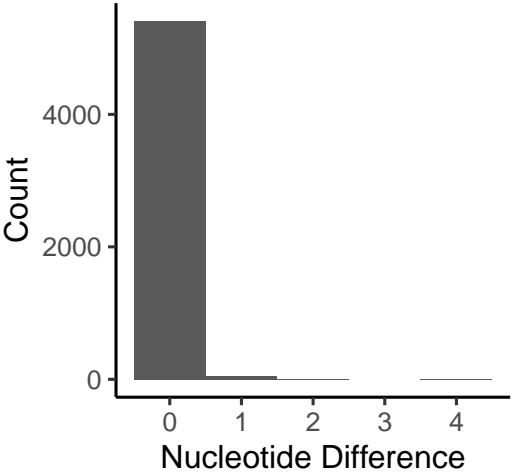
TRBV6-7*ap01

189 sequences assigned
187 (98.9%) exact matches, in which:
182 unique CDR3
13 unique J



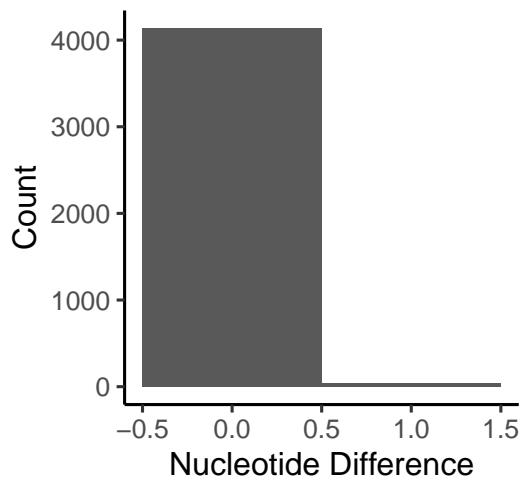
TRBV6-23*ap01

5466 sequences assigned
5409 (99%) exact matches, in which:
5288 unique CDR3
13 unique J



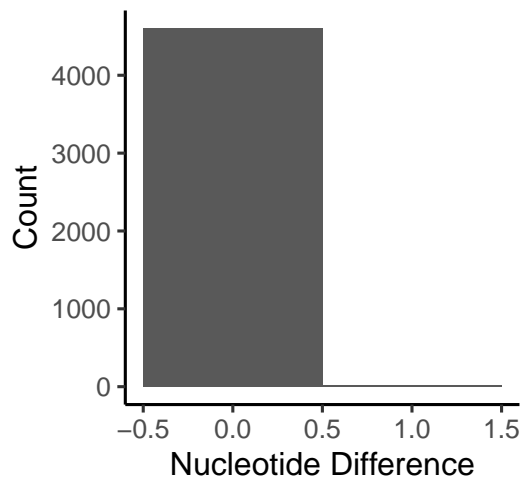
TRBV6-56*ap01

4177 sequences assigned
4135 (99%) exact matches, in which:
4083 unique CDR3
13 unique J



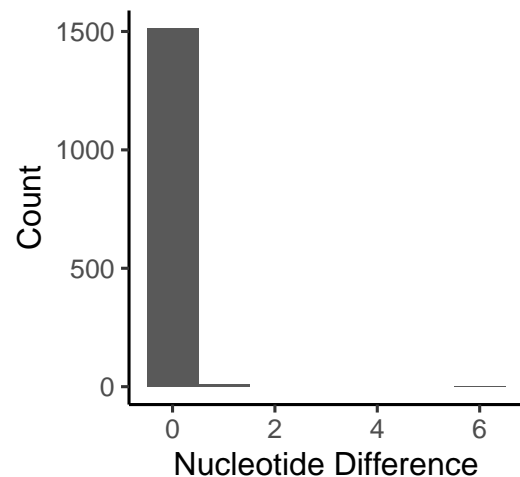
TRBV7-2*ap01

4623 sequences assigned
4602 (99.5%) exact matches, in which:
4563 unique CDR3
13 unique J



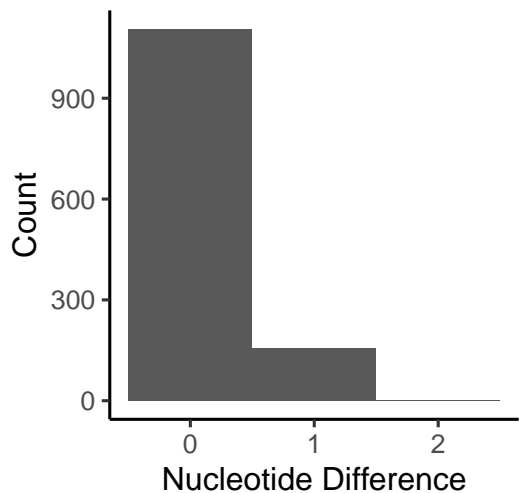
TRBV7-6*ap01

1525 sequences assigned
1513 (99.2%) exact matches, in which:
1502 unique CDR3
13 unique J



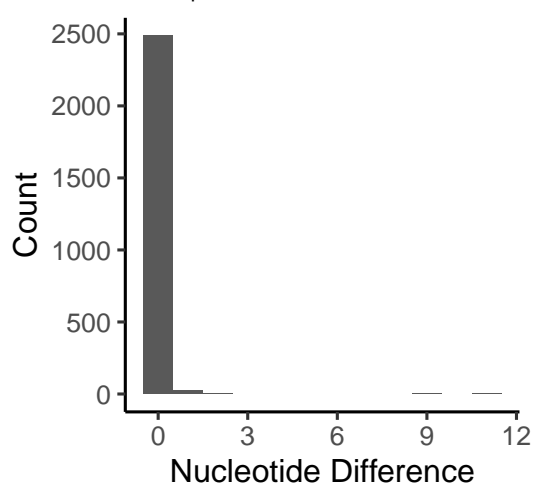
TRBV6-56*ap02

1263 sequences assigned
1106 (87.6%) exact matches, in which:
1084 unique CDR3
13 unique J



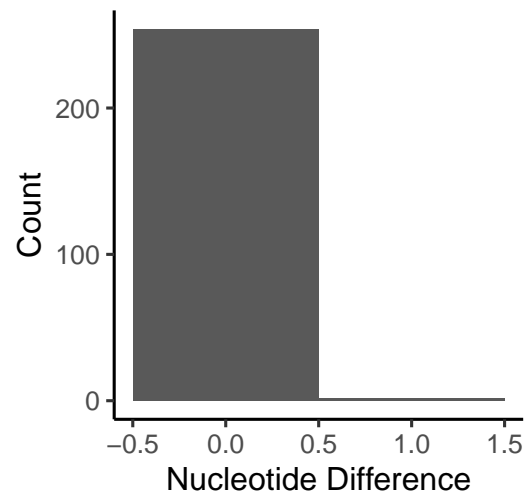
TRBV7-3*ap01

2515 sequences assigned
2487 (98.9%) exact matches, in which:
2472 unique CDR3
13 unique J



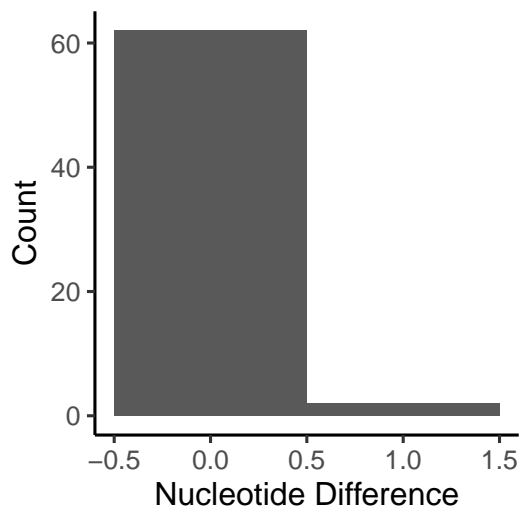
TRBV7-7*ap01

256 sequences assigned
254 (99.2%) exact matches, in which:
252 unique CDR3
13 unique J



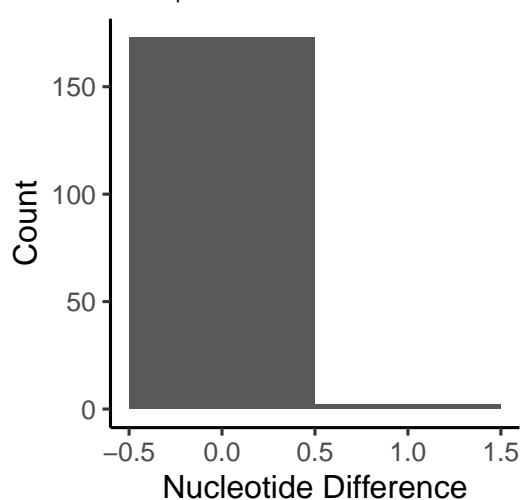
TRBV7-1*ap01_G291C_T

64 sequences assigned
62 (96.9%) exact matches, in which:
62 unique CDR3
13 unique J



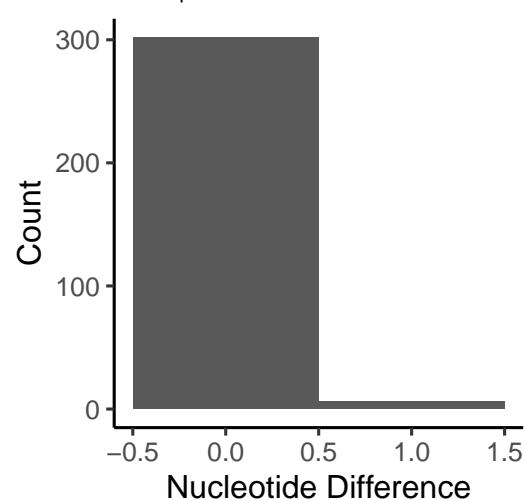
TRBV7-4*ap01

175 sequences assigned
173 (98.9%) exact matches, in which:
172 unique CDR3
13 unique J



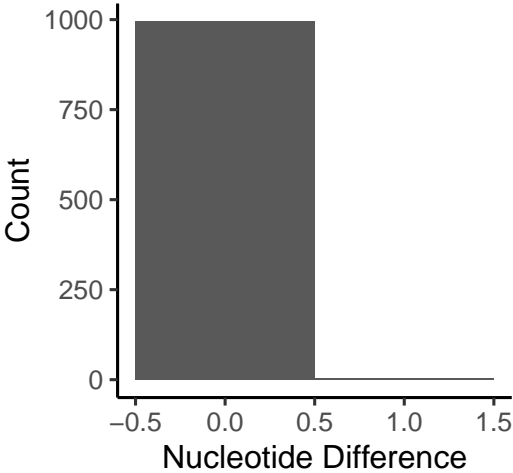
TRBV7-7*ap01_C315T

308 sequences assigned
302 (98.1%) exact matches, in which:
298 unique CDR3
13 unique J



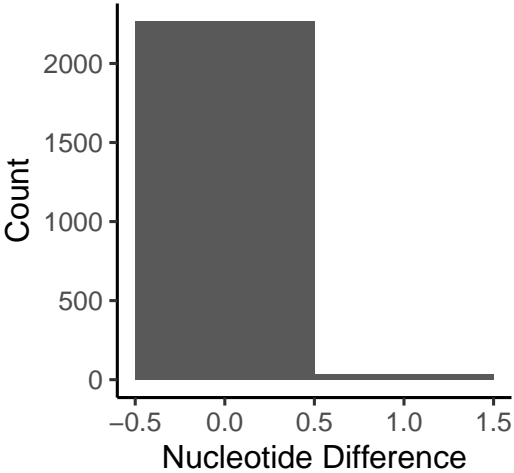
TRBV7-8*ap01

998 sequences assigned
995 (99.7%) exact matches, in which:
991 unique CDR3
13 unique J



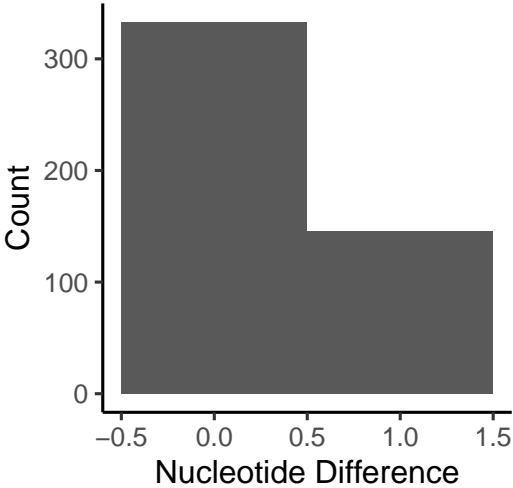
TRBV29-1*ap01

2300 sequences assigned
2266 (98.5%) exact matches, in which:
2230 unique CDR3
13 unique J



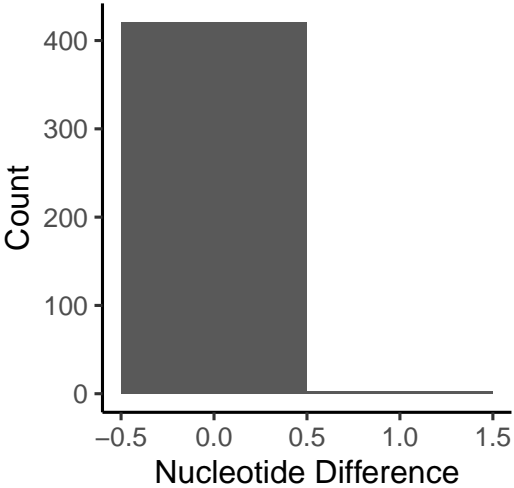
TRBV7-8*ap03

479 sequences assigned
333 (69.5%) exact matches, in which:
330 unique CDR3
13 unique J



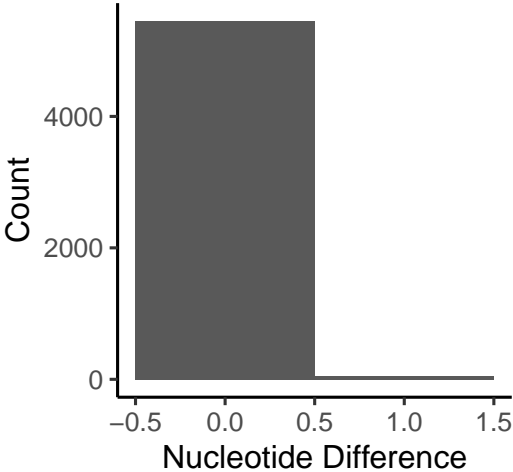
TRBV29-1*ap02

424 sequences assigned
421 (99.3%) exact matches, in which:
414 unique CDR3
13 unique J

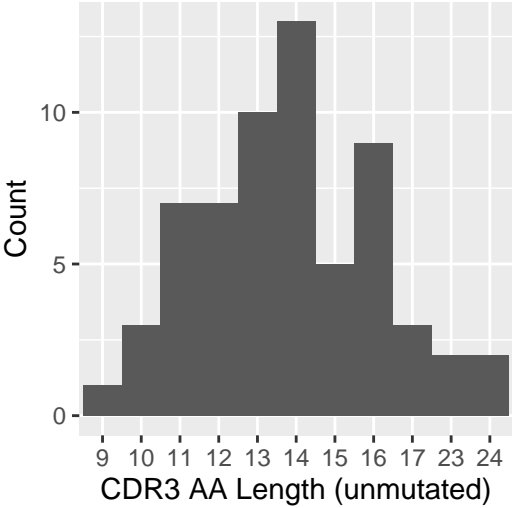


TRBV7-9*ap01

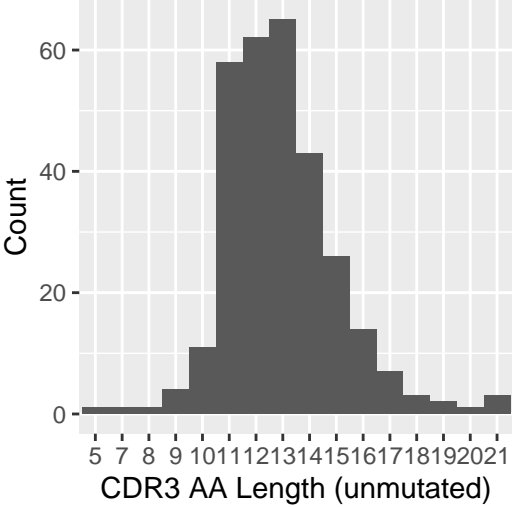
5499 sequences assigned
5451 (99.1%) exact matches, in which:
5398 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.