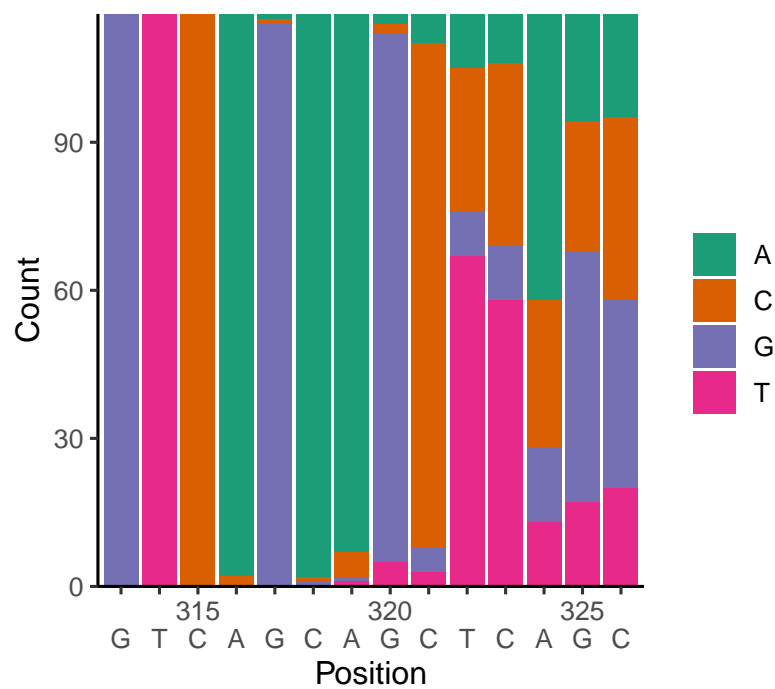
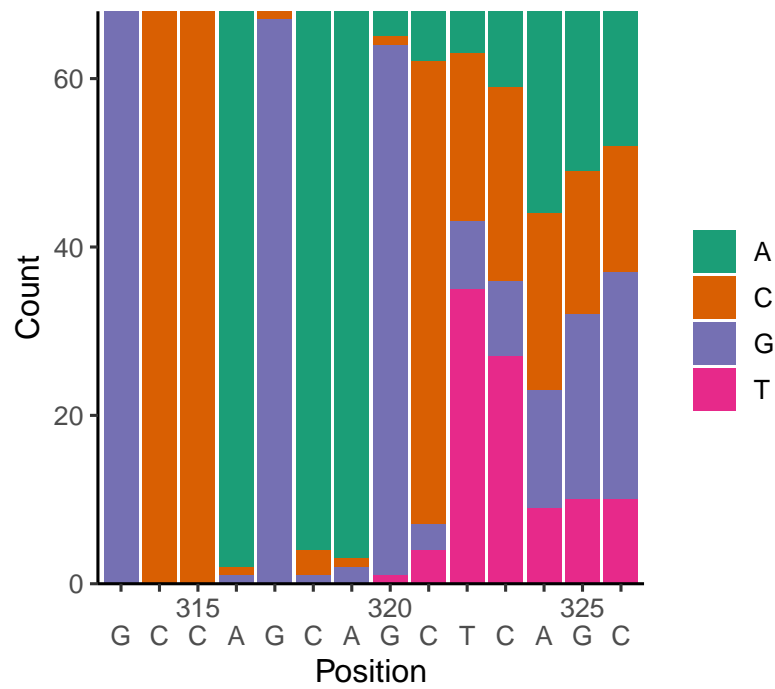


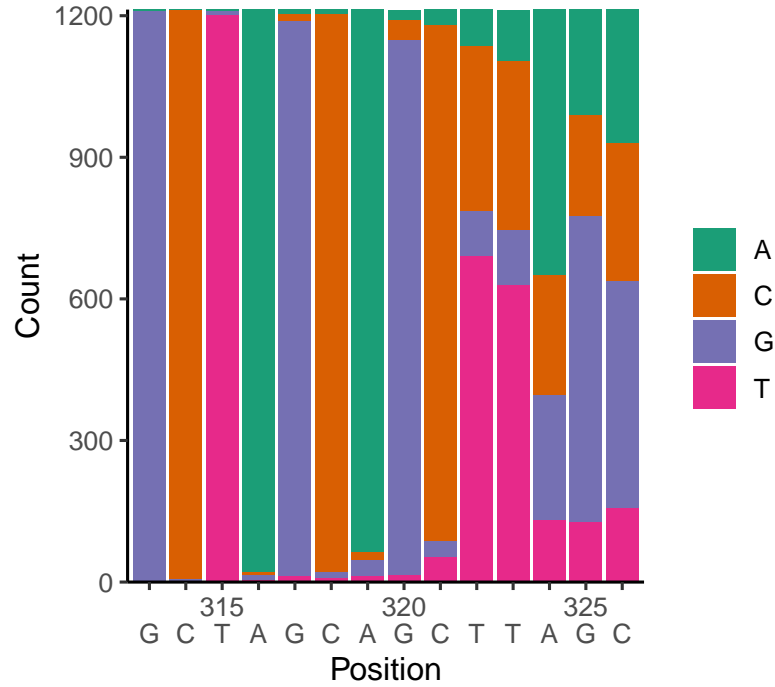
Gene TRBV7-1*ap01_G291C_T296C_C314T



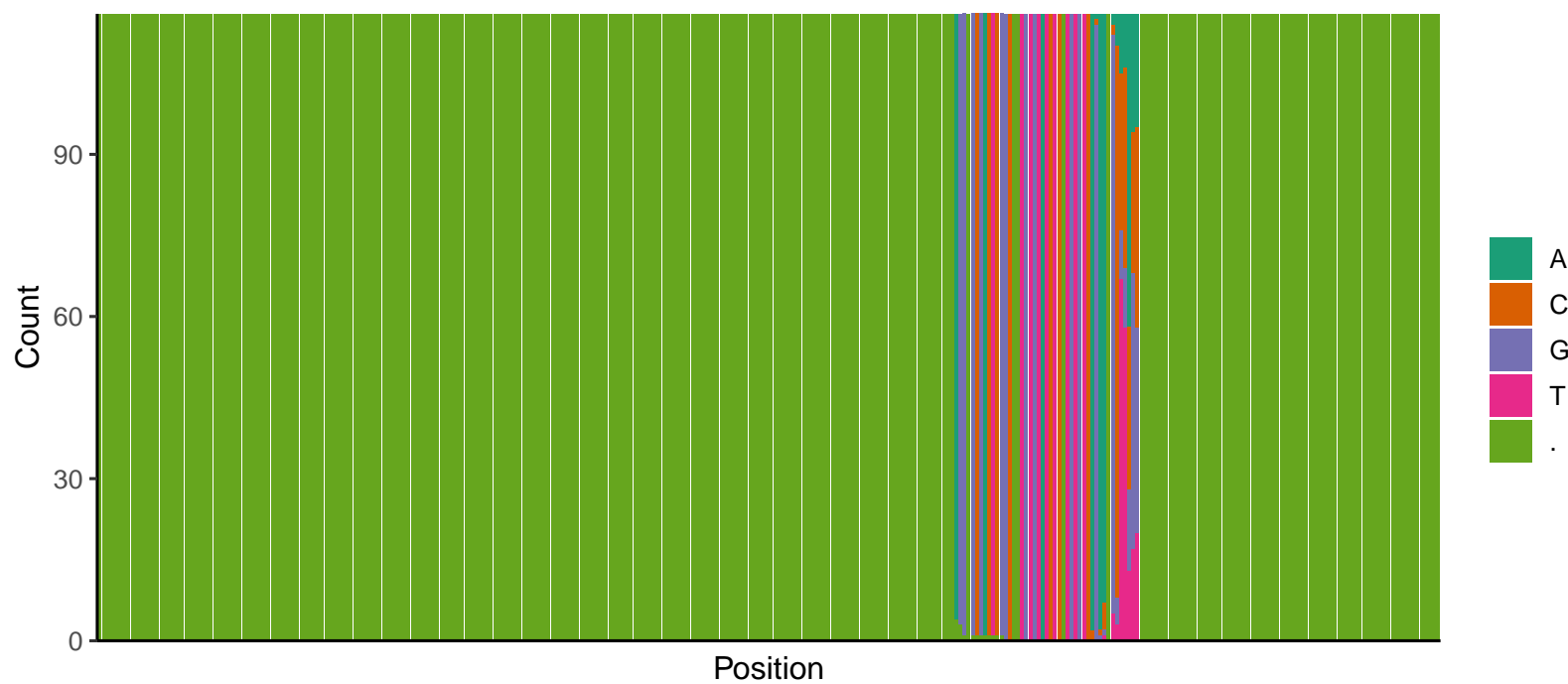
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



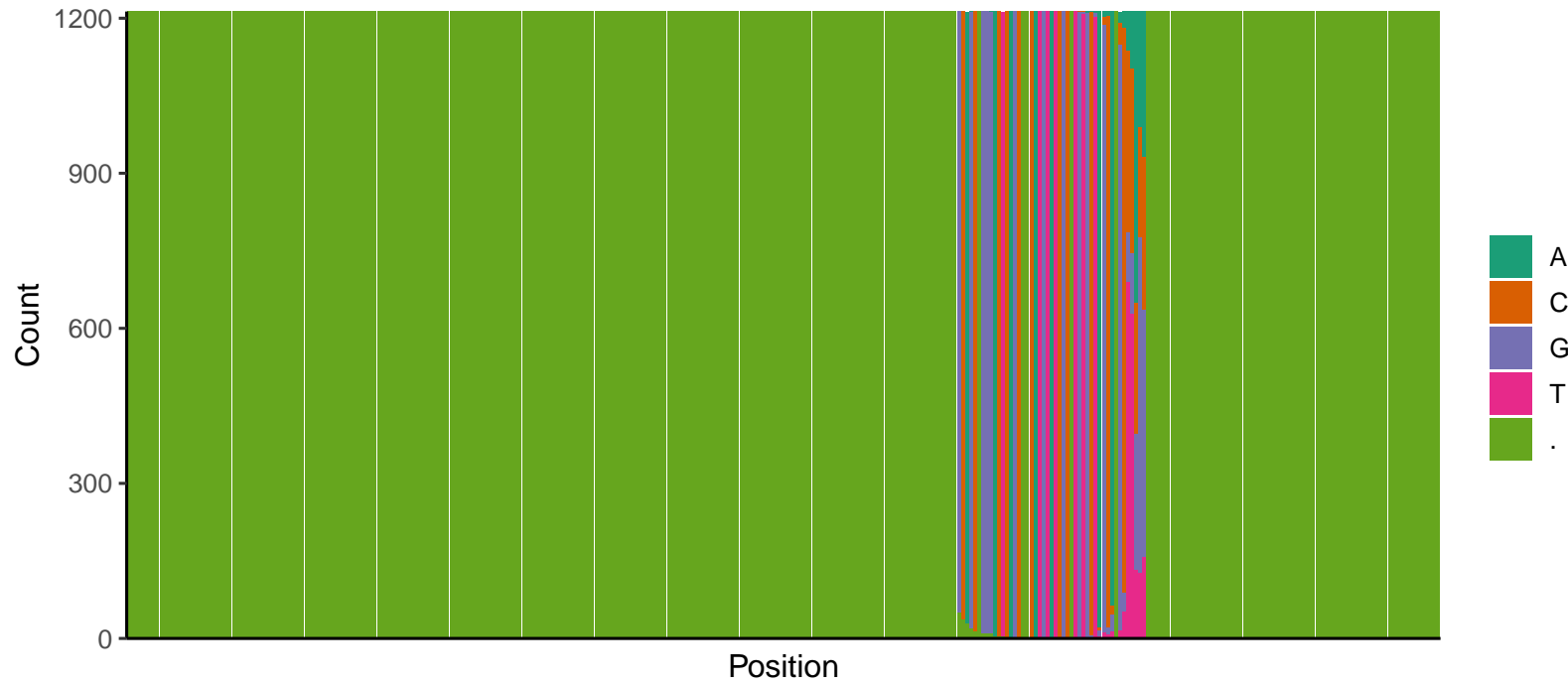
Gene TRBV7-1*ap01_G291C_T296C_C314T



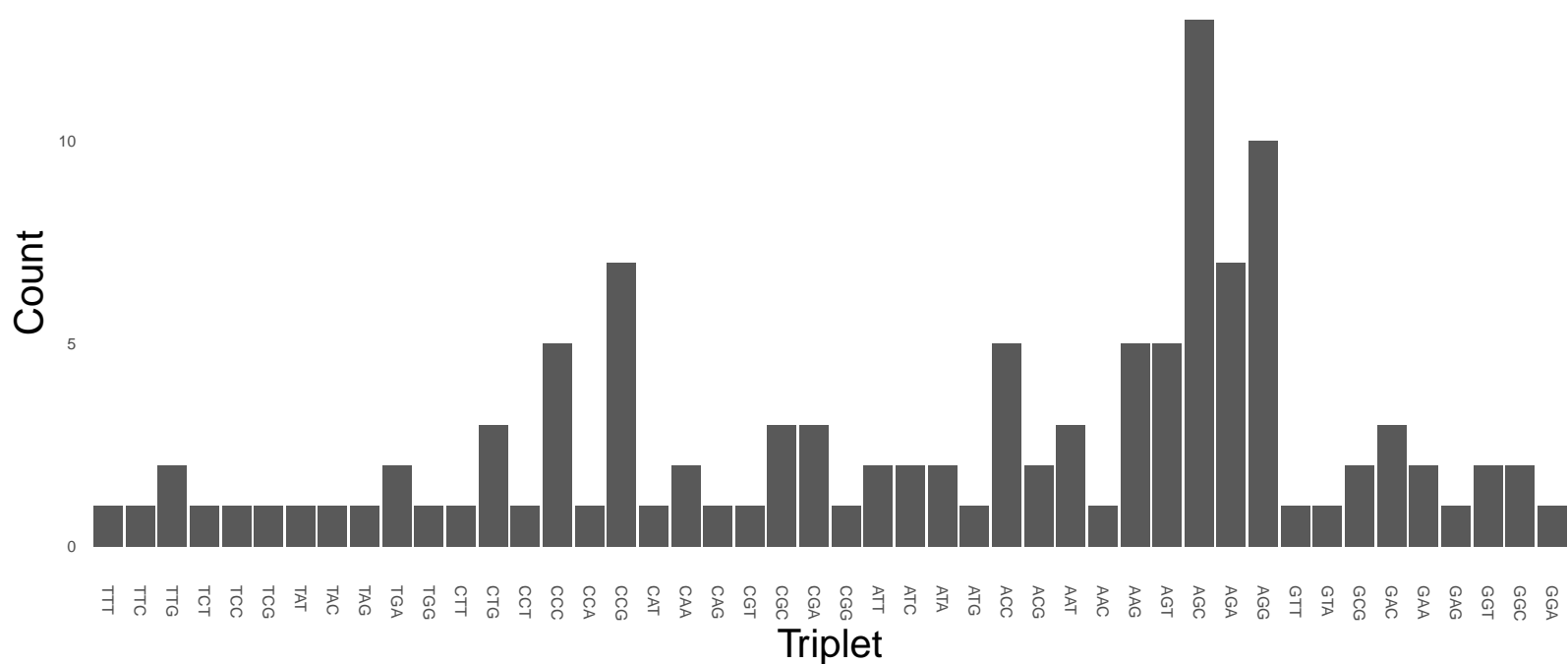
Gene TRBV7-1*ap01_G291C_T296C



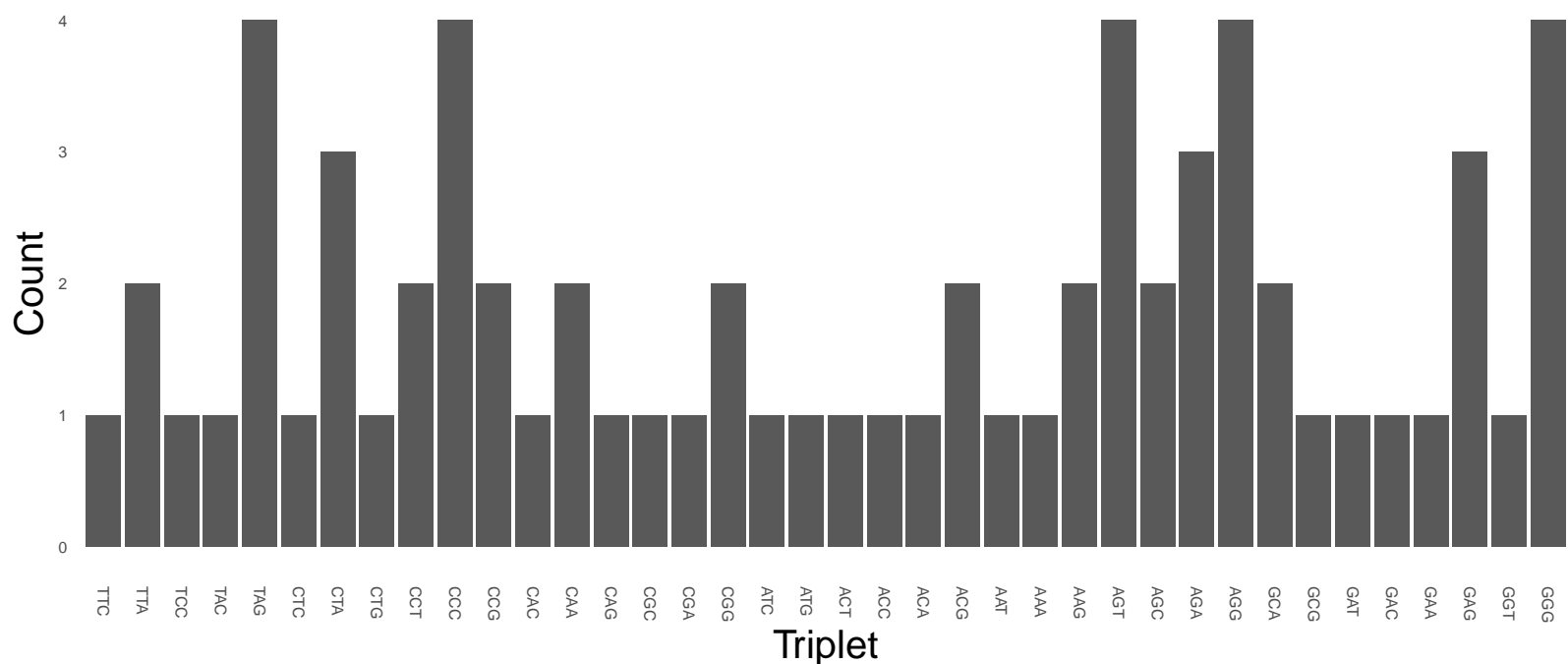
Gene TRBV7-7*ap01_C315T



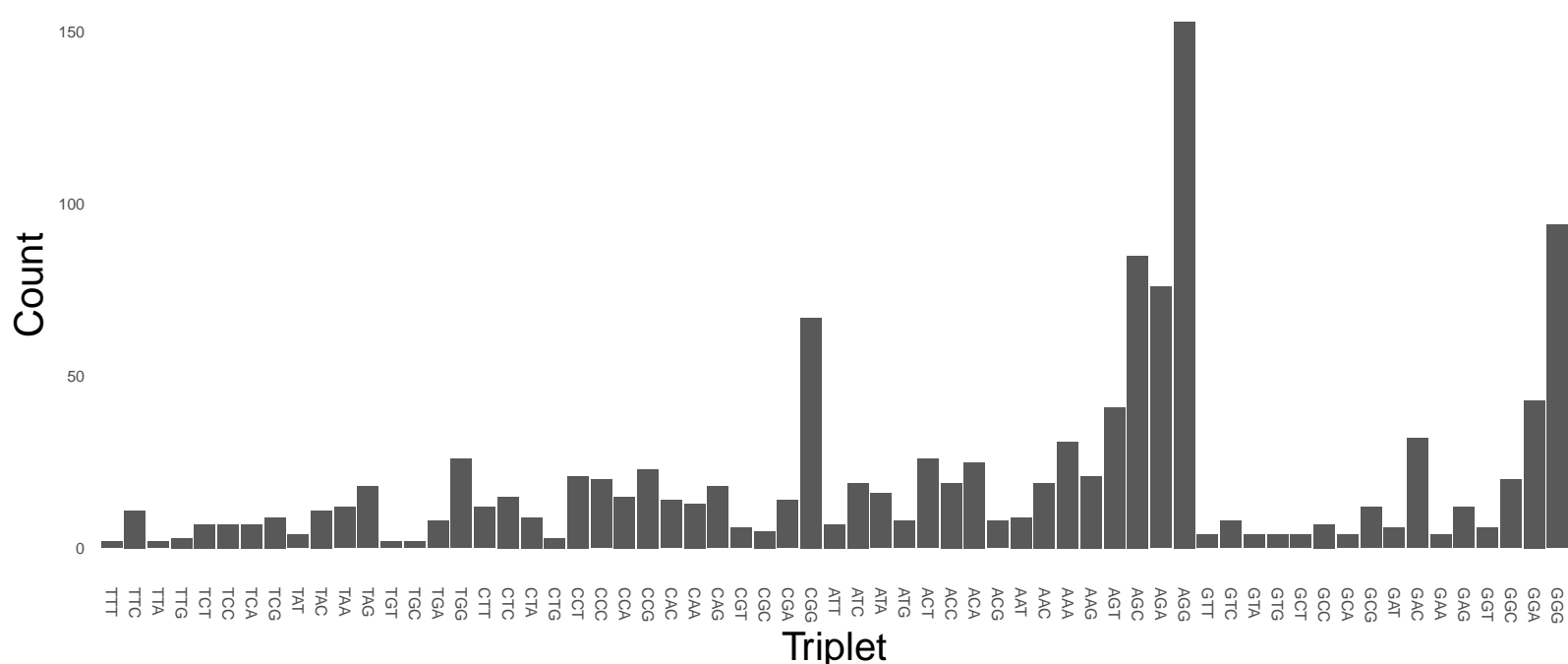
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

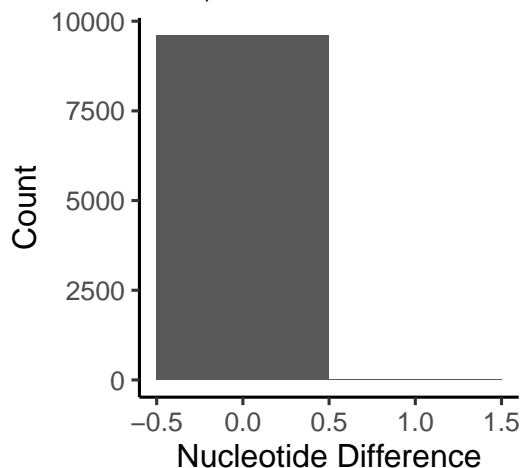


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



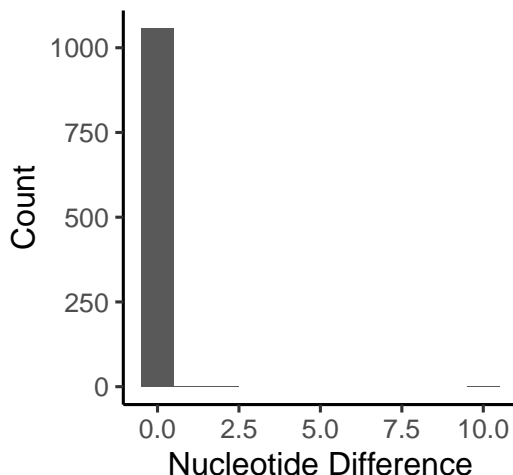
TRBV20-1*ap01

9626 sequences assigned
9611 (99.8%) exact matches, in which:
9597 unique CDR3
13 unique J



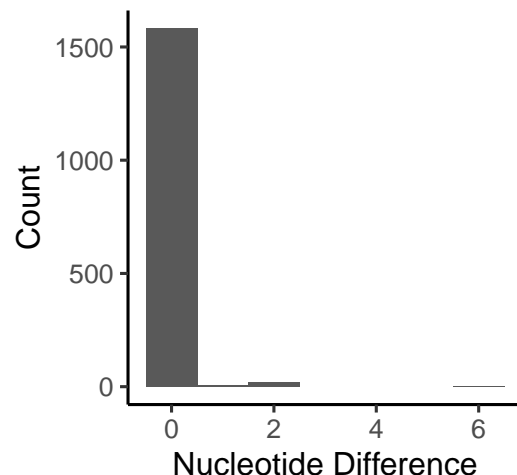
TRBV10-2*ap01

1060 sequences assigned
1057 (99.7%) exact matches, in which:
1057 unique CDR3
13 unique J



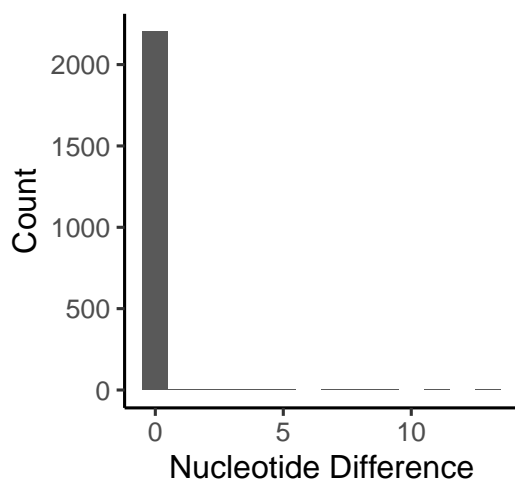
TRBV13*ap01

1608 sequences assigned
1582 (98.4%) exact matches, in which:
1582 unique CDR3
13 unique J



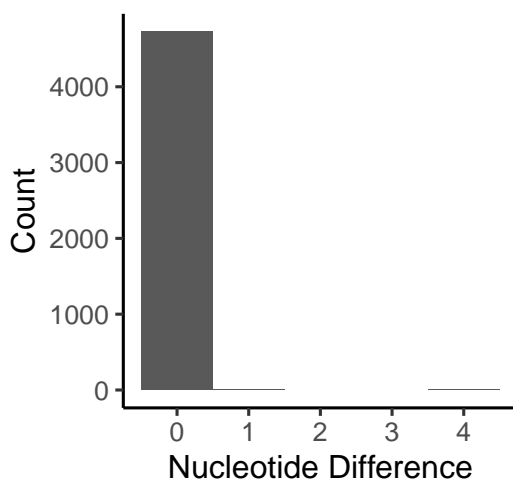
TRBV10-1*ap01

2220 sequences assigned
2202 (99.2%) exact matches, in which:
2201 unique CDR3
13 unique J



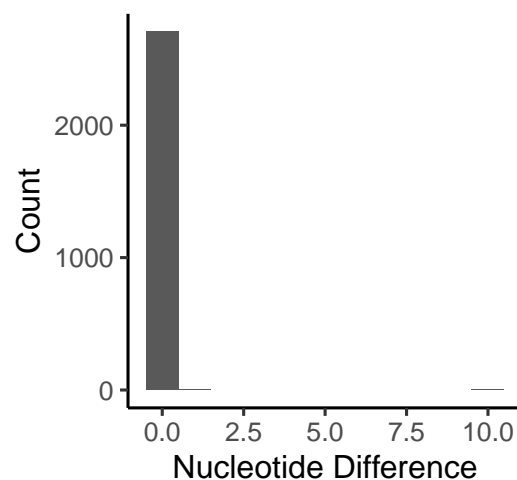
TRBV10-3*ap01

4736 sequences assigned
4726 (99.8%) exact matches, in which:
4723 unique CDR3
13 unique J



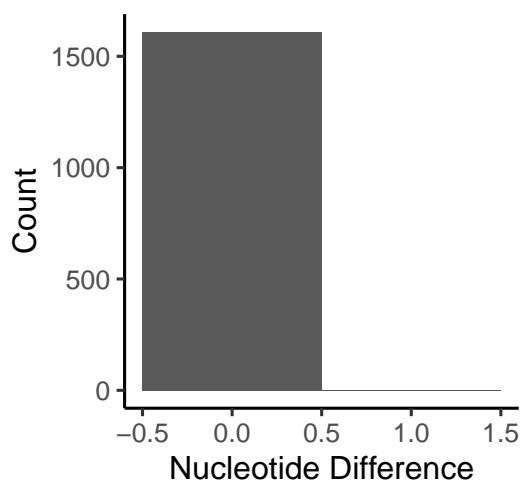
TRBV14*ap01

2710 sequences assigned
2706 (99.9%) exact matches, in which:
2704 unique CDR3
13 unique J



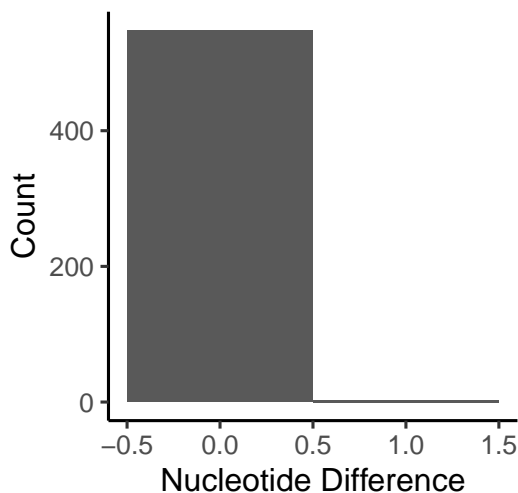
TRBV20-1*ap02

1610 sequences assigned
1609 (99.9%) exact matches, in which:
1607 unique CDR3
13 unique J



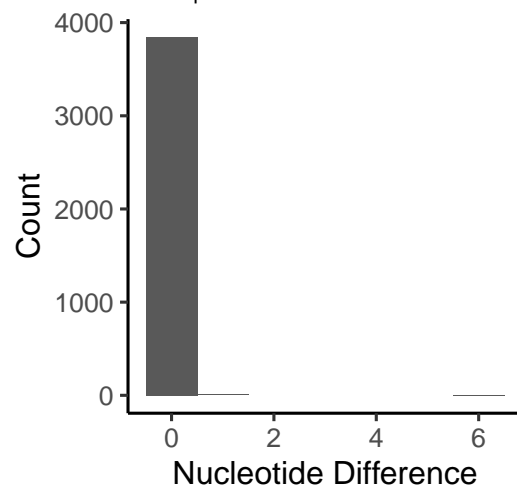
TRBV1*ap01

551 sequences assigned
548 (99.5%) exact matches, in which:
548 unique CDR3
13 unique J



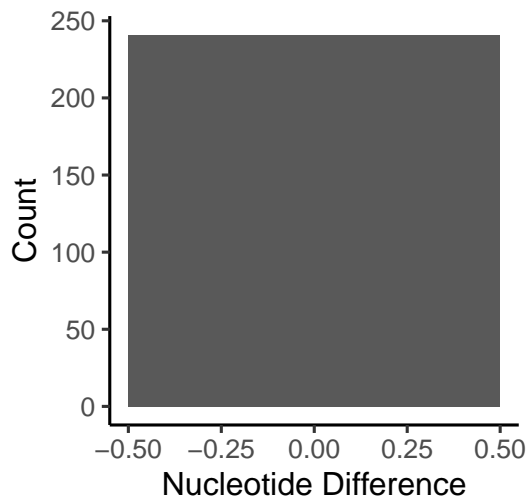
TRBV15*ap02

3855 sequences assigned
3845 (99.7%) exact matches, in which:
3837 unique CDR3
13 unique J



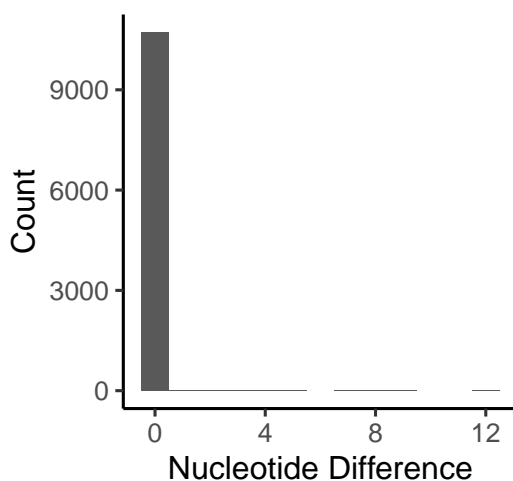
TRBV16*ap01

241 sequences assigned
241 (100%) exact matches, in which:
241 unique CDR3
13 unique J



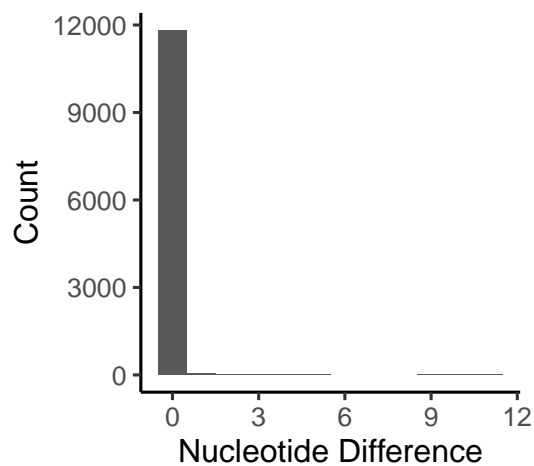
TRBV19*ap01

10752 sequences assigned
10717 (99.7%) exact matches, in which:
10716 unique CDR3
13 unique J



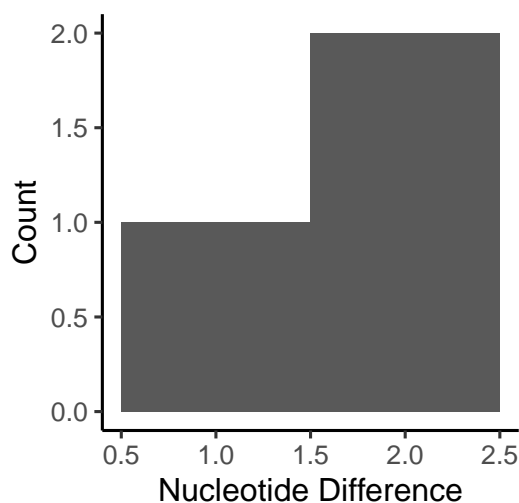
TRBV27*ap01

11889 sequences assigned
11824 (99.5%) exact matches, in which:
11792 unique CDR3
13 unique J



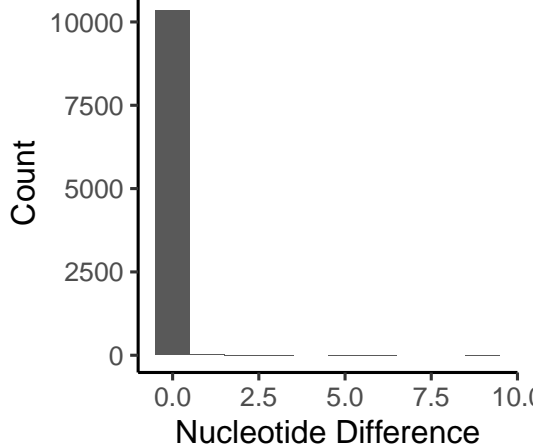
TRBV17*ap01

3 sequences assigned
No exact matches.



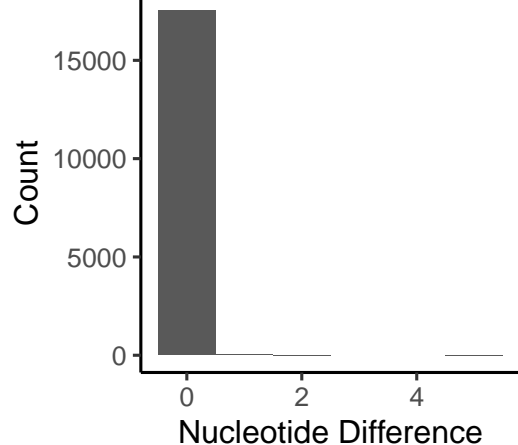
TRBV2*ap01

10383 sequences assigned
10344 (99.6%) exact matches, in which:
10306 unique CDR3
13 unique J



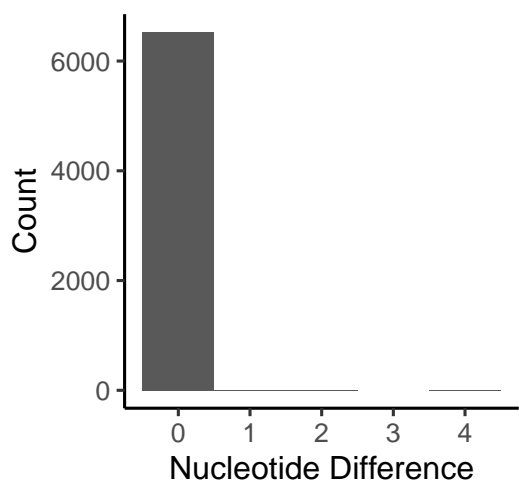
TRBV28*ap01

17568 sequences assigned
17537 (99.8%) exact matches, in which:
17531 unique CDR3
13 unique J



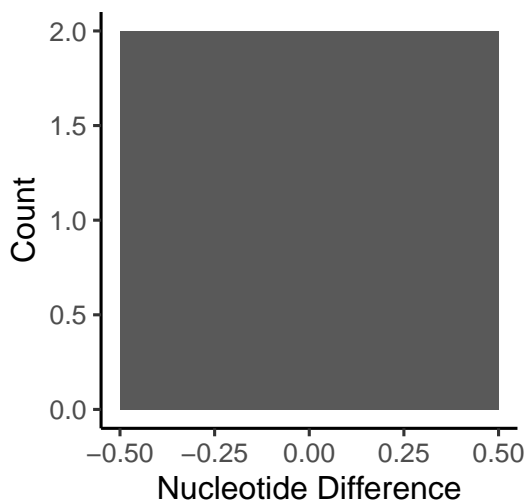
TRBV18*ap01

6538 sequences assigned
6528 (99.8%) exact matches, in which:
6528 unique CDR3
13 unique J



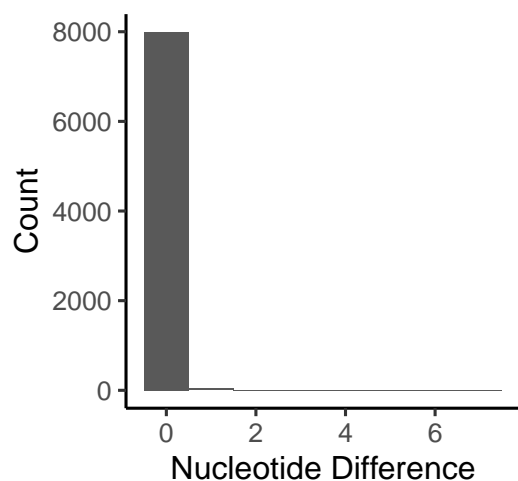
TRBV26*ap01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
2 unique J



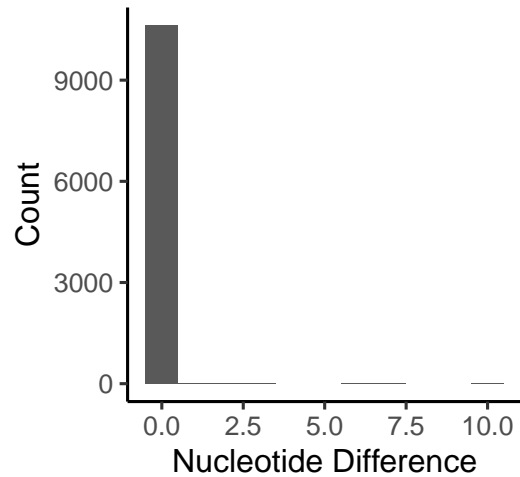
TRBV30*ap01

8039 sequences assigned
7993 (99.4%) exact matches, in which:
7974 unique CDR3
13 unique J



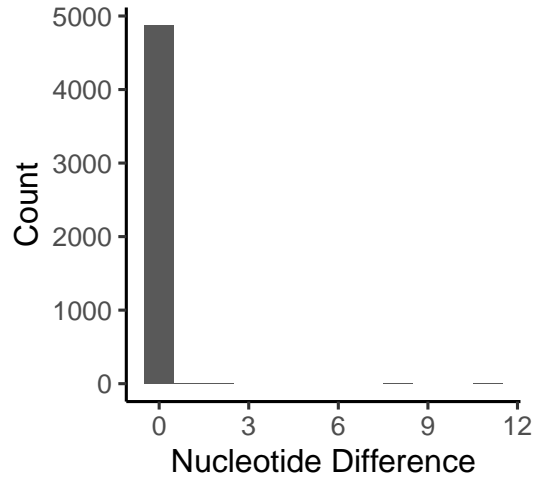
TRBV9*ap01

10640 sequences assigned
10623 (99.8%) exact matches, in which:
10602 unique CDR3
13 unique J



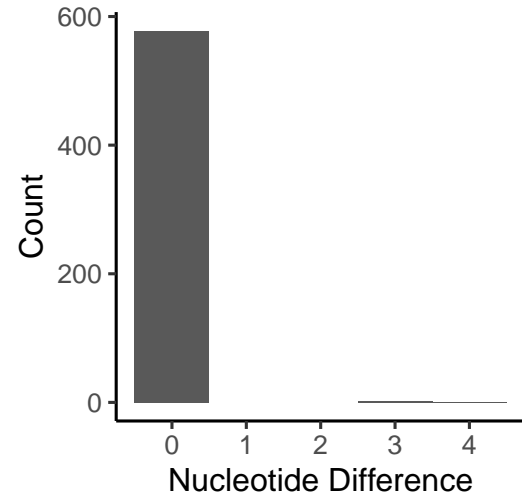
TRBV11-2*ap01

4882 sequences assigned
4872 (99.8%) exact matches, in which:
4872 unique CDR3
13 unique J



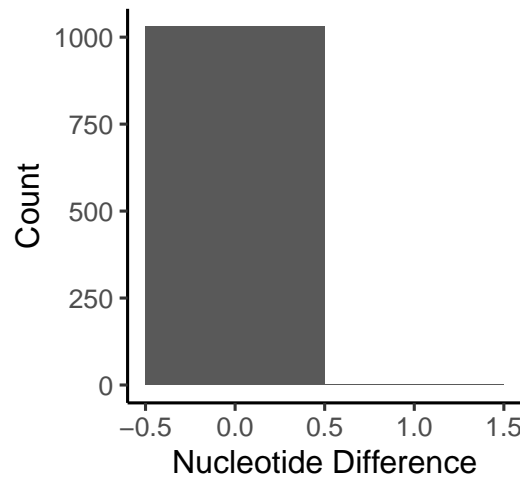
TRBV12-2*ap01

581 sequences assigned
578 (99.5%) exact matches, in which:
578 unique CDR3
13 unique J



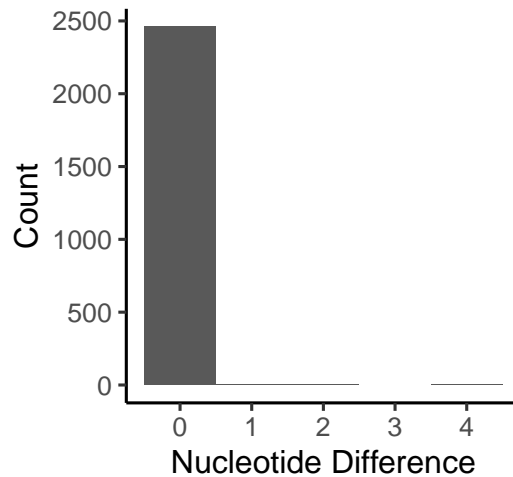
TRBV11-1*ap01

1031 sequences assigned
1030 (99.9%) exact matches, in which:
1030 unique CDR3
13 unique J



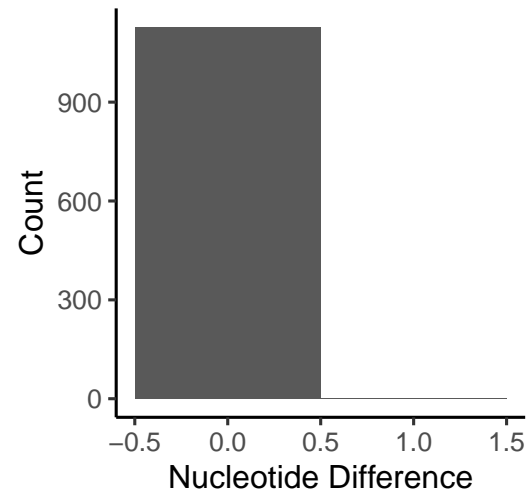
TRBV11-3*ap01

2468 sequences assigned
2460 (99.7%) exact matches, in which:
2460 unique CDR3
13 unique J



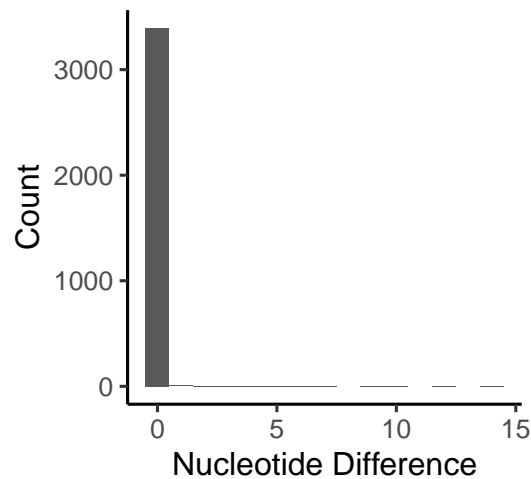
TRBV12-5*ap01

1130 sequences assigned
1128 (99.8%) exact matches, in which:
1128 unique CDR3
13 unique J



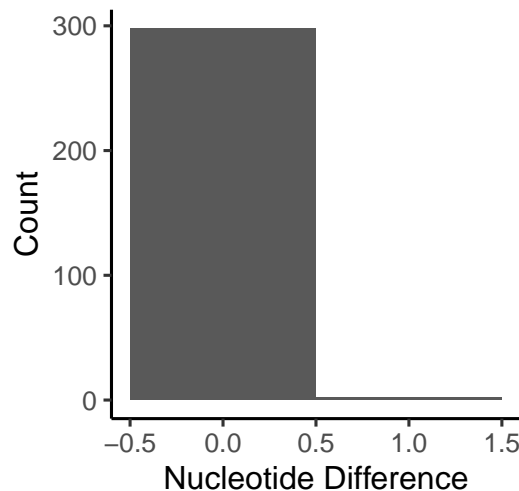
TRBV21-1*ap01

3425 sequences assigned
3394 (99.1%) exact matches, in which:
3394 unique CDR3
13 unique J



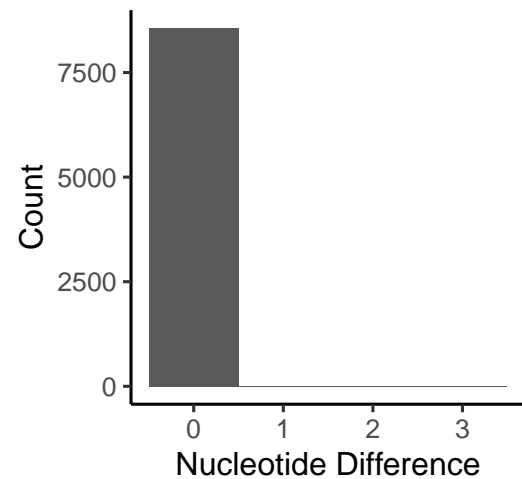
TRBV12-1*ap01

300 sequences assigned
298 (99.3%) exact matches, in which:
298 unique CDR3
13 unique J



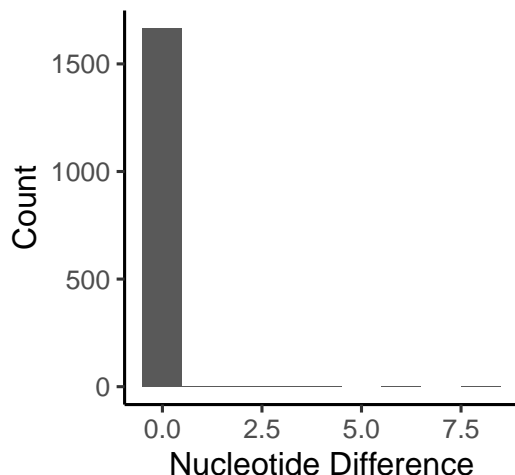
TRBV12-34*ap01

8580 sequences assigned
8563 (99.8%) exact matches, in which:
8559 unique CDR3
13 unique J



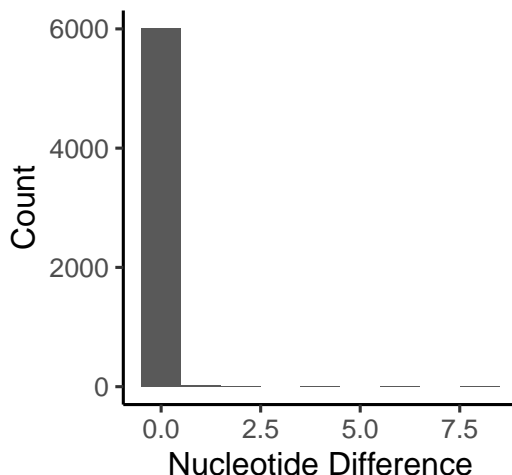
TRBV23-1*ap01

1676 sequences assigned
1665 (99.3%) exact matches, in which:
1665 unique CDR3
13 unique J



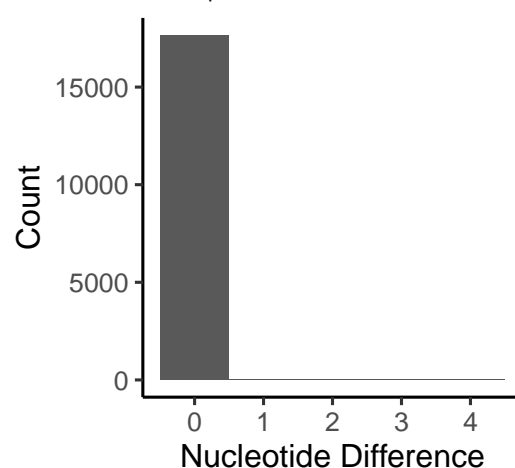
TRBV24-1*ap01

6041 sequences assigned
6008 (99.5%) exact matches, in which:
6000 unique CDR3
14 unique J



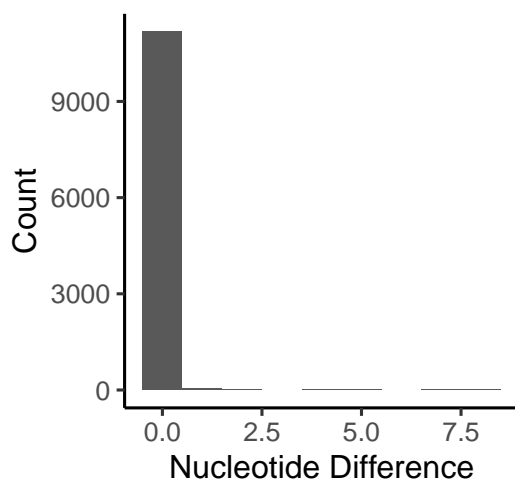
TRBV5-1*ap01

17693 sequences assigned
17659 (99.8%) exact matches, in which:
17618 unique CDR3
13 unique J



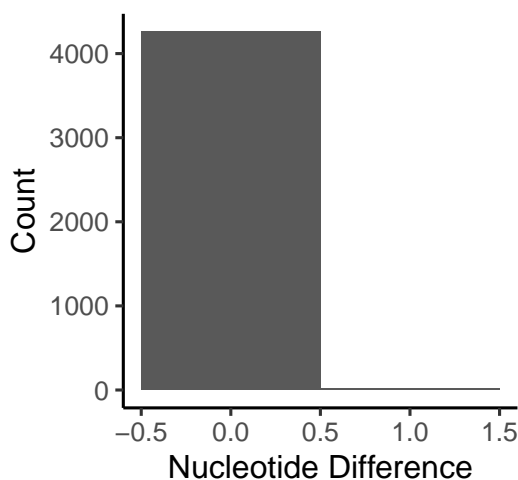
TRBV3-12*ap01

11223 sequences assigned
11174 (99.6%) exact matches, in which:
11150 unique CDR3
13 unique J



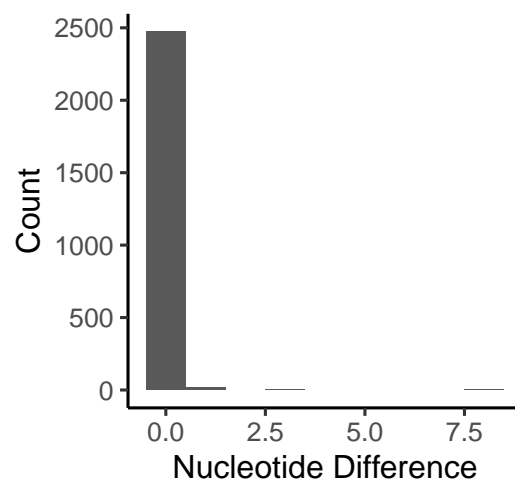
TRBV4-2*ap01

4273 sequences assigned
4260 (99.7%) exact matches, in which:
4256 unique CDR3
13 unique J



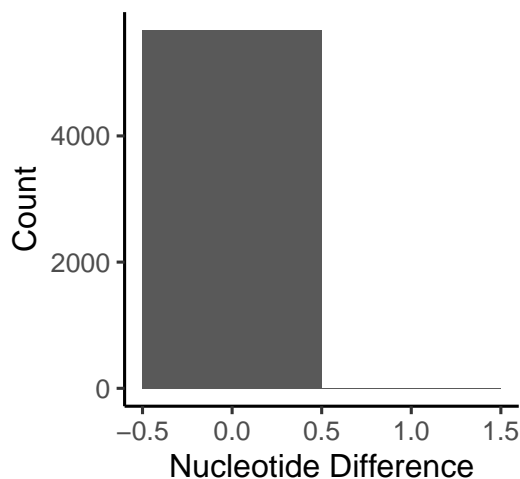
TRBV25-1*ap01

2489 sequences assigned
2473 (99.4%) exact matches, in which:
2470 unique CDR3
13 unique J



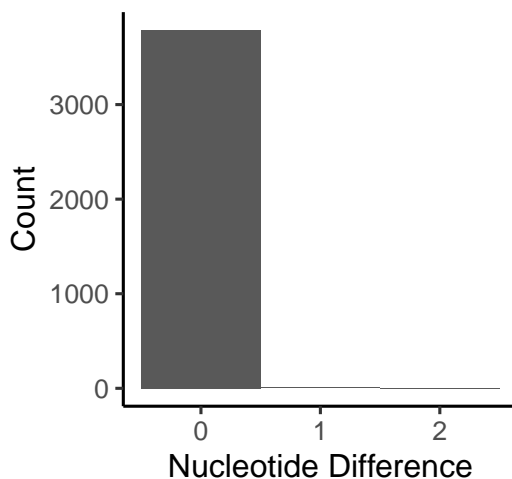
TRBV4-1*ap01

5685 sequences assigned
5678 (99.9%) exact matches, in which:
5671 unique CDR3
13 unique J



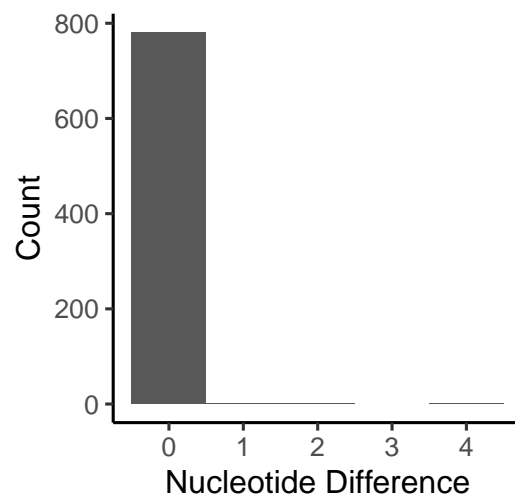
TRBV4-3*ap01

3797 sequences assigned
3788 (99.8%) exact matches, in which:
3787 unique CDR3
13 unique J



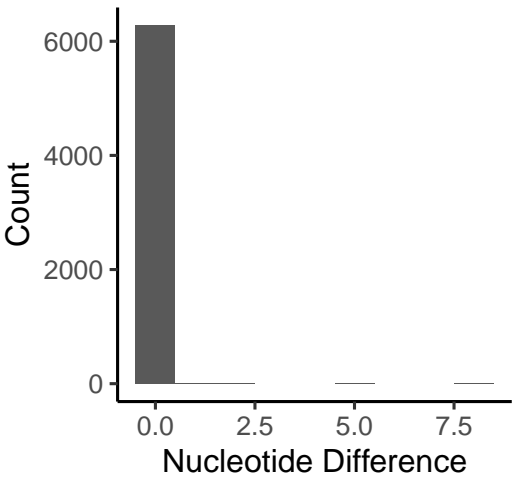
TRBV5-3*ap01

784 sequences assigned
781 (99.6%) exact matches, in which:
781 unique CDR3
13 unique J



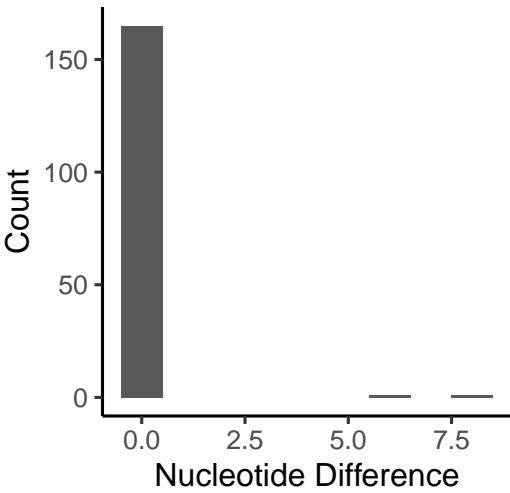
TRBV5-4*ap01

6294 sequences assigned
6278 (99.7%) exact matches, in which:
6278 unique CDR3
13 unique J



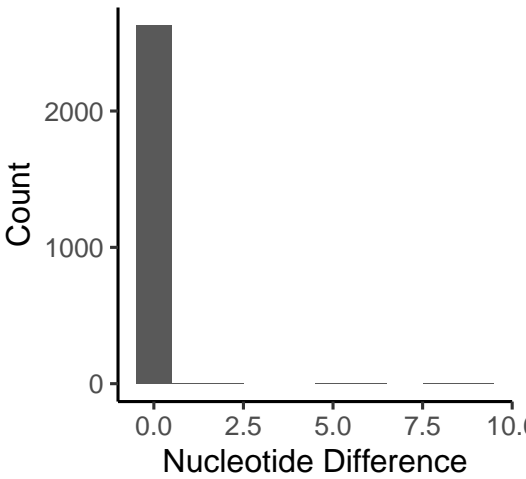
TRBV5-7*ap01

167 sequences assigned
165 (98.8%) exact matches, in which:
164 unique CDR3
13 unique J



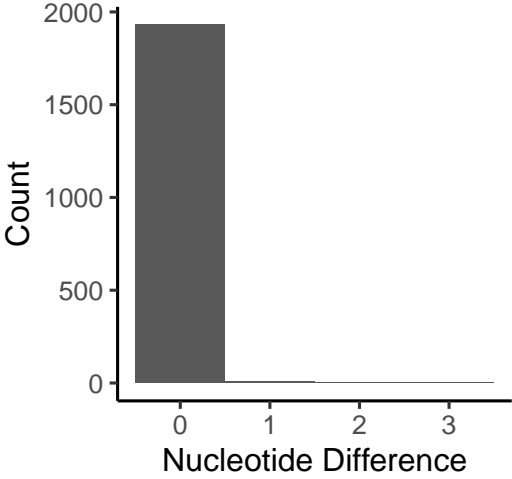
TRBV6-4*ap01

2644 sequences assigned
2628 (99.4%) exact matches, in which:
2627 unique CDR3
13 unique J



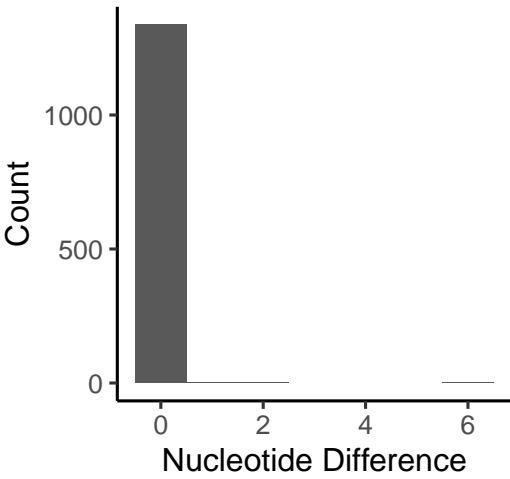
TRBV5-5*ap01

1943 sequences assigned
1931 (99.4%) exact matches, in which:
1928 unique CDR3
13 unique J



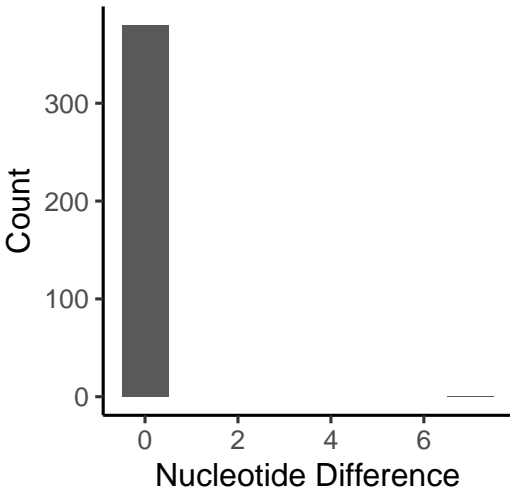
TRBV5-8*ap01

1344 sequences assigned
1337 (99.5%) exact matches, in which:
1336 unique CDR3
13 unique J



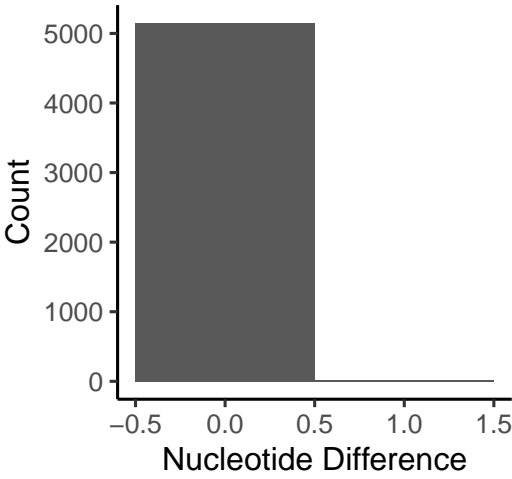
TRBV6-7*ap01

381 sequences assigned
380 (99.7%) exact matches, in which:
380 unique CDR3
13 unique J



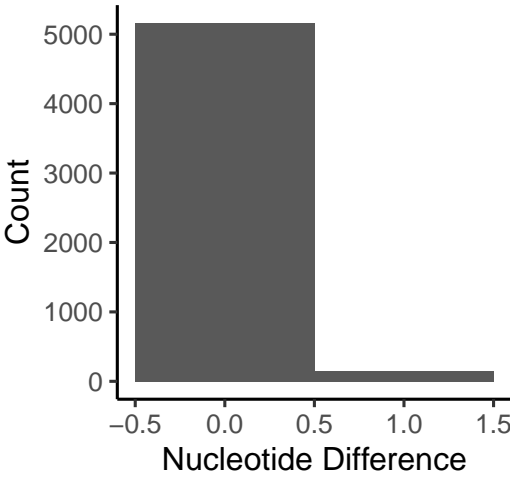
TRBV5-6*ap01

5165 sequences assigned
5149 (99.7%) exact matches, in which:
5138 unique CDR3
13 unique J



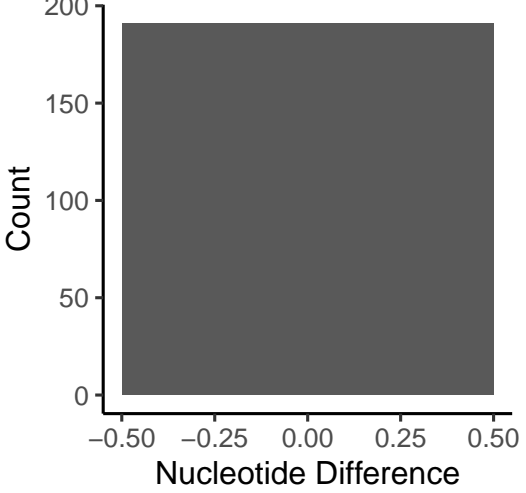
TRBV6-1*ap01

5311 sequences assigned
5161 (97.2%) exact matches, in which:
5154 unique CDR3
13 unique J



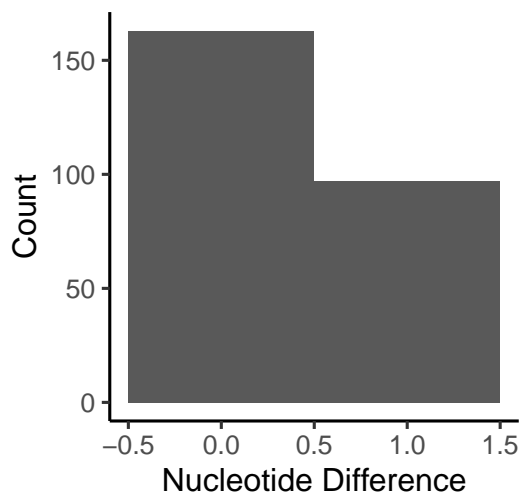
TRBV6-8*ap01

191 sequences assigned
191 (100%) exact matches, in which:
191 unique CDR3
13 unique J



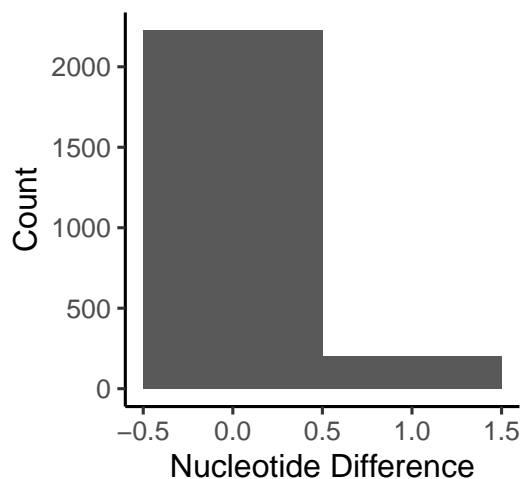
TRBV6–9*ap01

260 sequences assigned
163 (62.7%) exact matches, in which:
162 unique CDR3
13 unique J



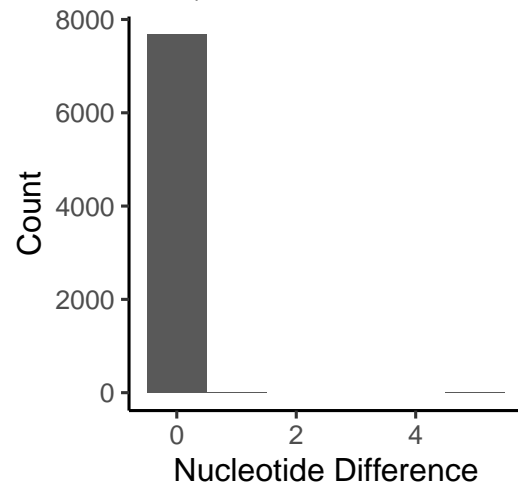
TRBV6–56*ap02

2431 sequences assigned
2226 (91.6%) exact matches, in which:
2221 unique CDR3
13 unique J



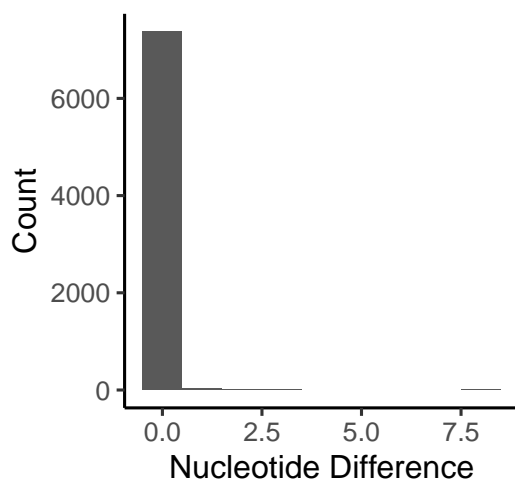
TRBV7–2*ap01

7696 sequences assigned
7680 (99.8%) exact matches, in which:
7679 unique CDR3
13 unique J



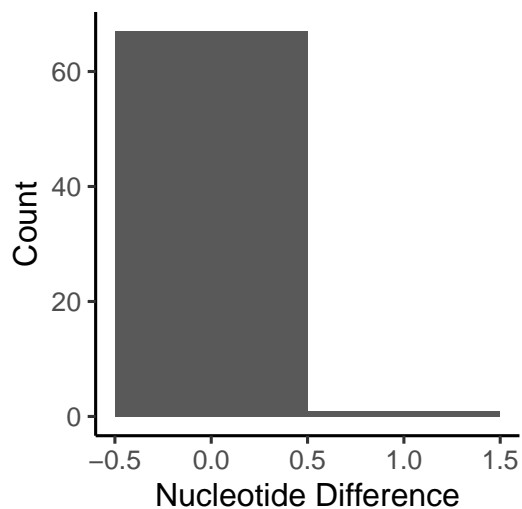
TRBV6–23*ap01

7401 sequences assigned
7372 (99.6%) exact matches, in which:
7350 unique CDR3
13 unique J



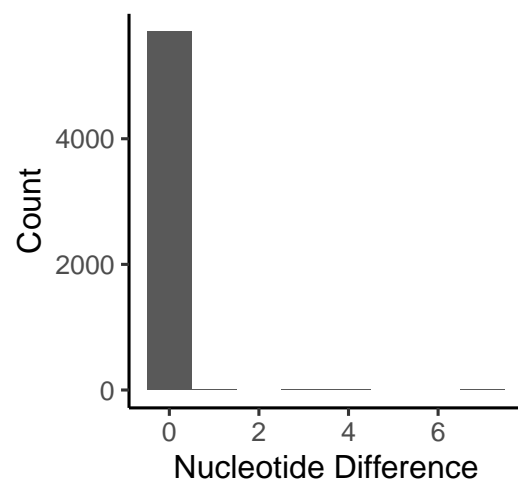
TRBV7–1*ap01_G291C_T

68 sequences assigned
67 (98.5%) exact matches, in which:
67 unique CDR3
12 unique J



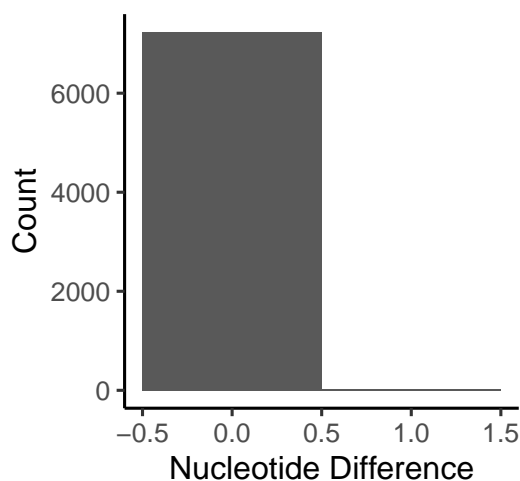
TRBV7–3*ap01

5720 sequences assigned
5704 (99.7%) exact matches, in which:
5685 unique CDR3
13 unique J



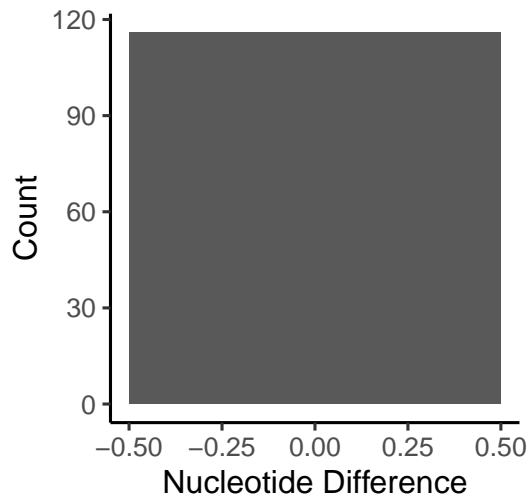
TRBV6–56*ap01

7256 sequences assigned
7235 (99.7%) exact matches, in which:
7224 unique CDR3
13 unique J



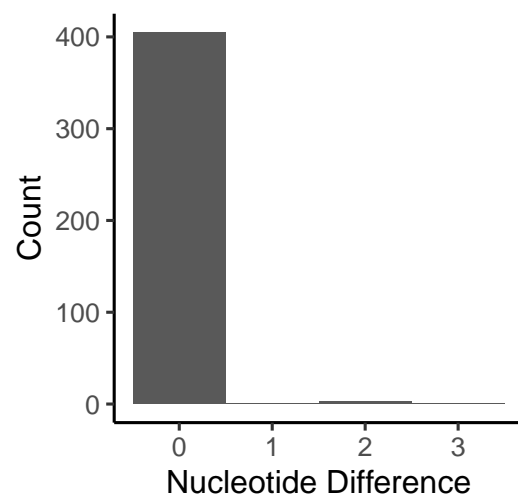
TRBV7–1*ap01_G291C_

116 sequences assigned
116 (100%) exact matches, in which:
116 unique CDR3
13 unique J



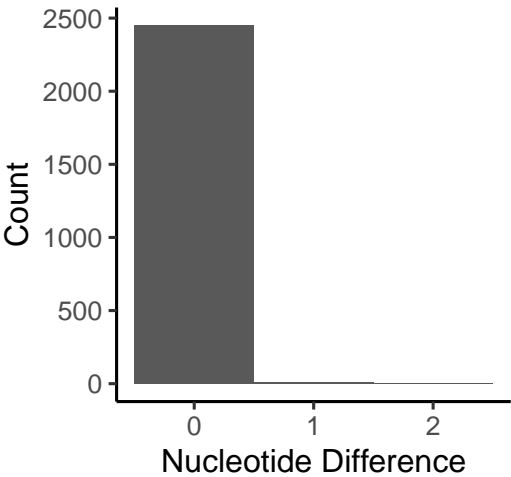
TRBV7–4*ap01

410 sequences assigned
405 (98.8%) exact matches, in which:
405 unique CDR3
13 unique J



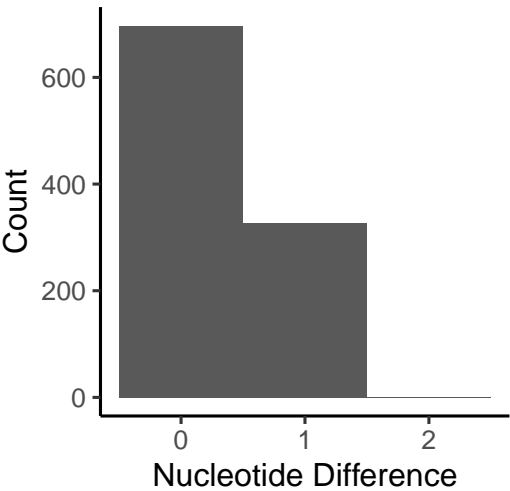
TRBV7-6*ap01

2460 sequences assigned
2450 (99.6%) exact matches, in which:
2450 unique CDR3
13 unique J



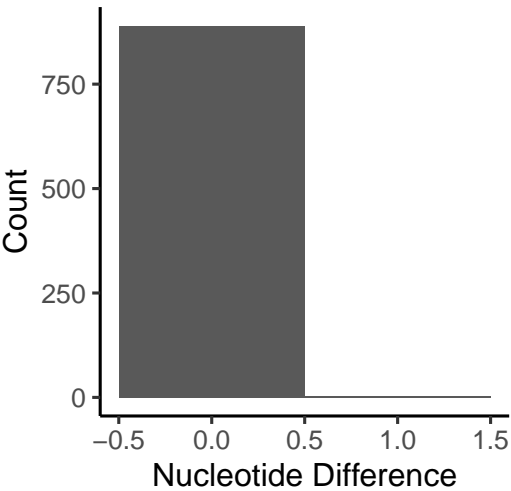
TRBV7-8*ap03

1025 sequences assigned
697 (68%) exact matches, in which:
697 unique CDR3
13 unique J



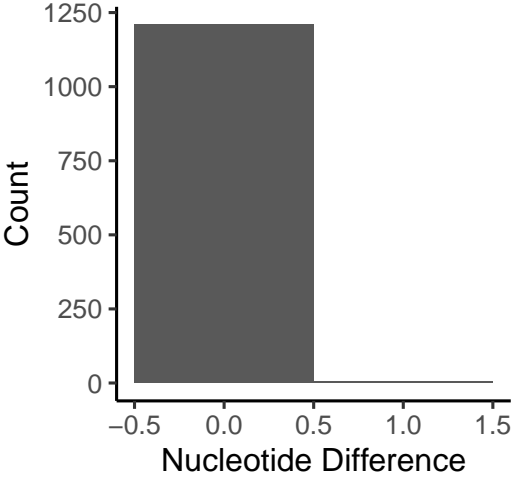
TRBV29-1*ap02

894 sequences assigned
890 (99.6%) exact matches, in which:
888 unique CDR3
13 unique J



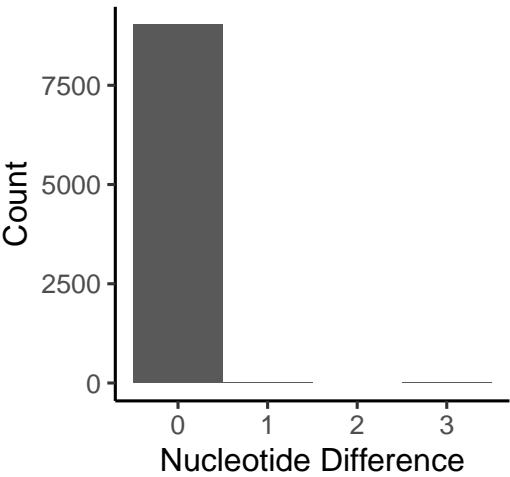
TRBV7-7*ap01_C315T

1213 sequences assigned
1209 (99.7%) exact matches, in which:
1208 unique CDR3
13 unique J



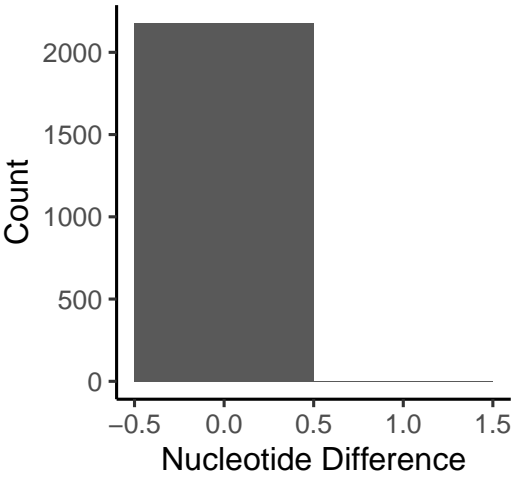
TRBV7-9*ap01

9037 sequences assigned
9026 (99.9%) exact matches, in which:
9024 unique CDR3
13 unique J



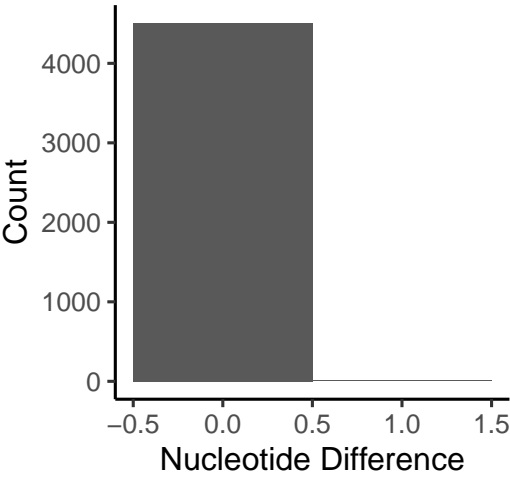
TRBV7-8*ap01

2180 sequences assigned
2178 (99.9%) exact matches, in which:
2177 unique CDR3
13 unique J

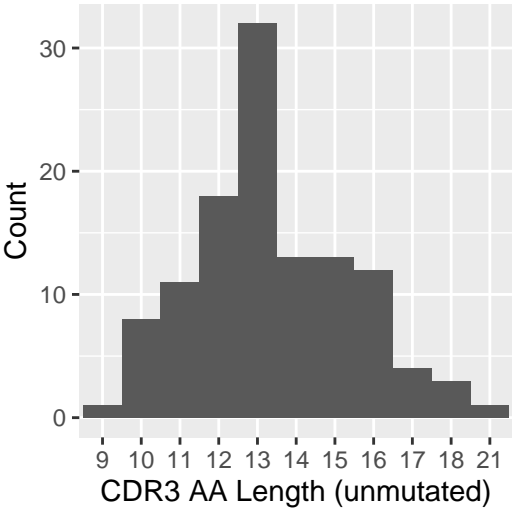


TRBV29-1*ap01

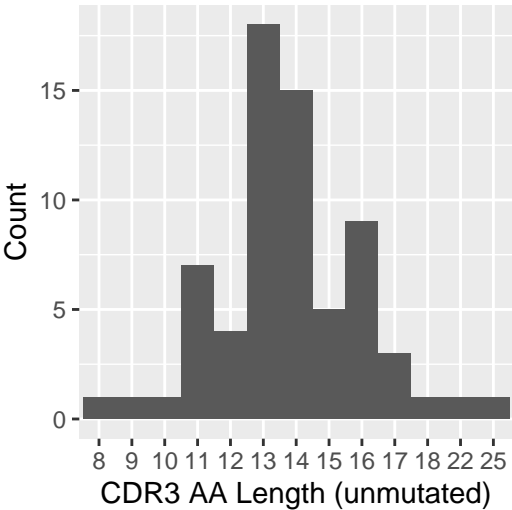
4518 sequences assigned
4507 (99.8%) exact matches, in which:
4494 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

