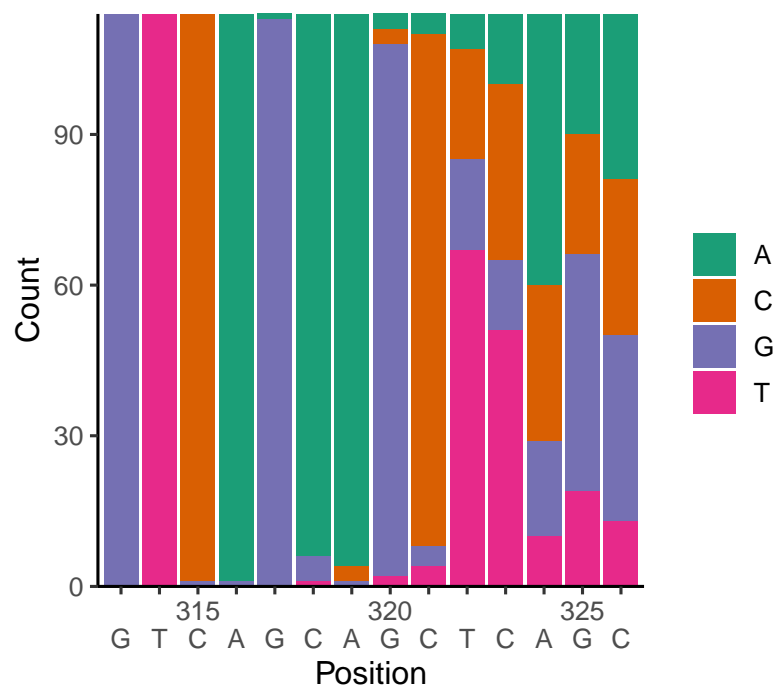
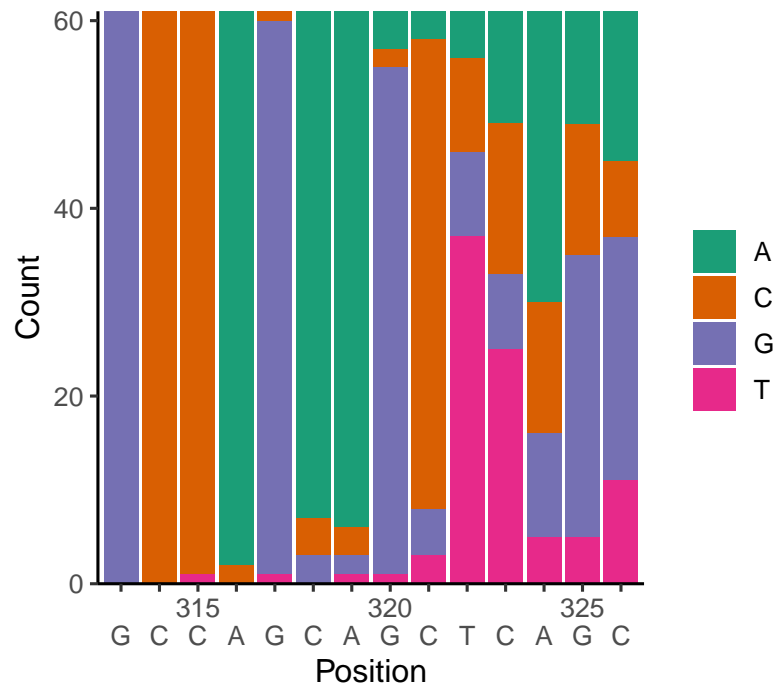


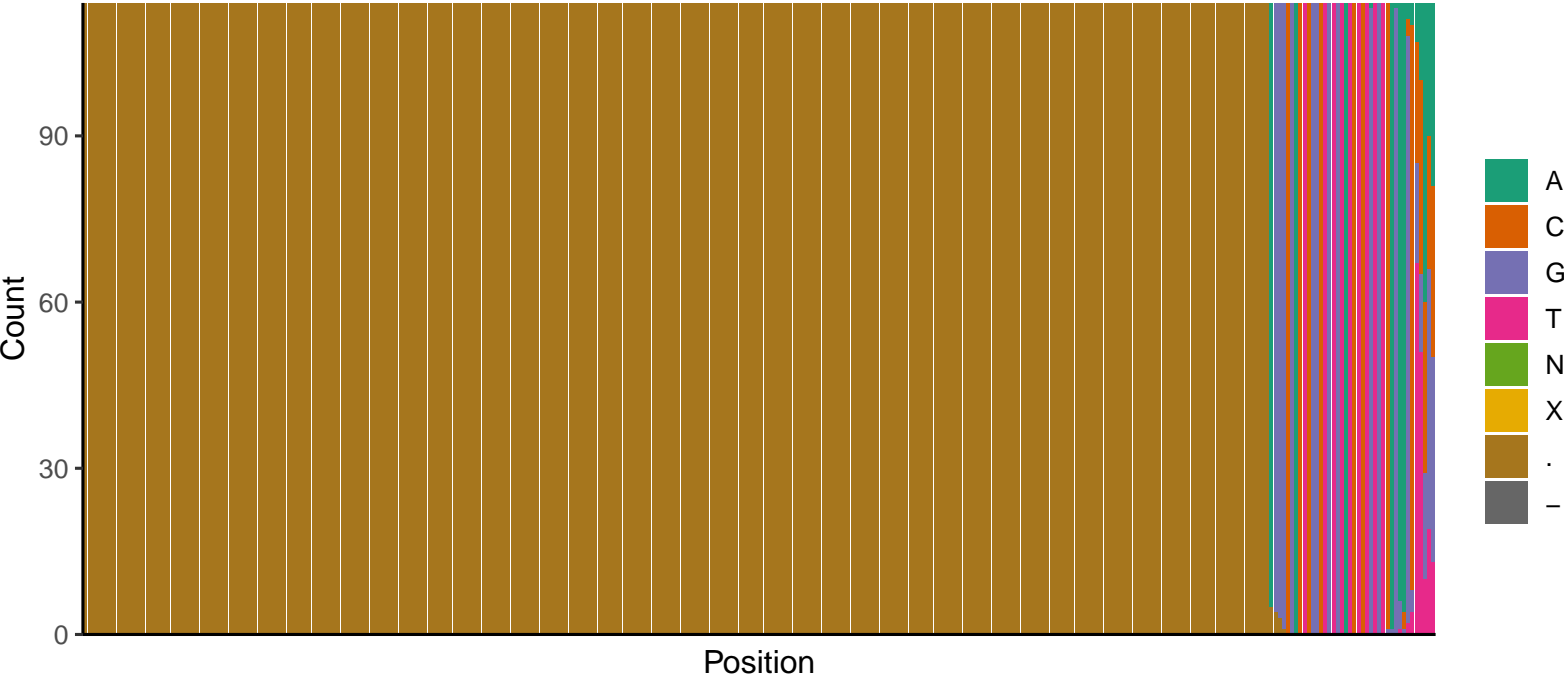
Gene TRBV7-1*ap01_G291C_T296C_C314T



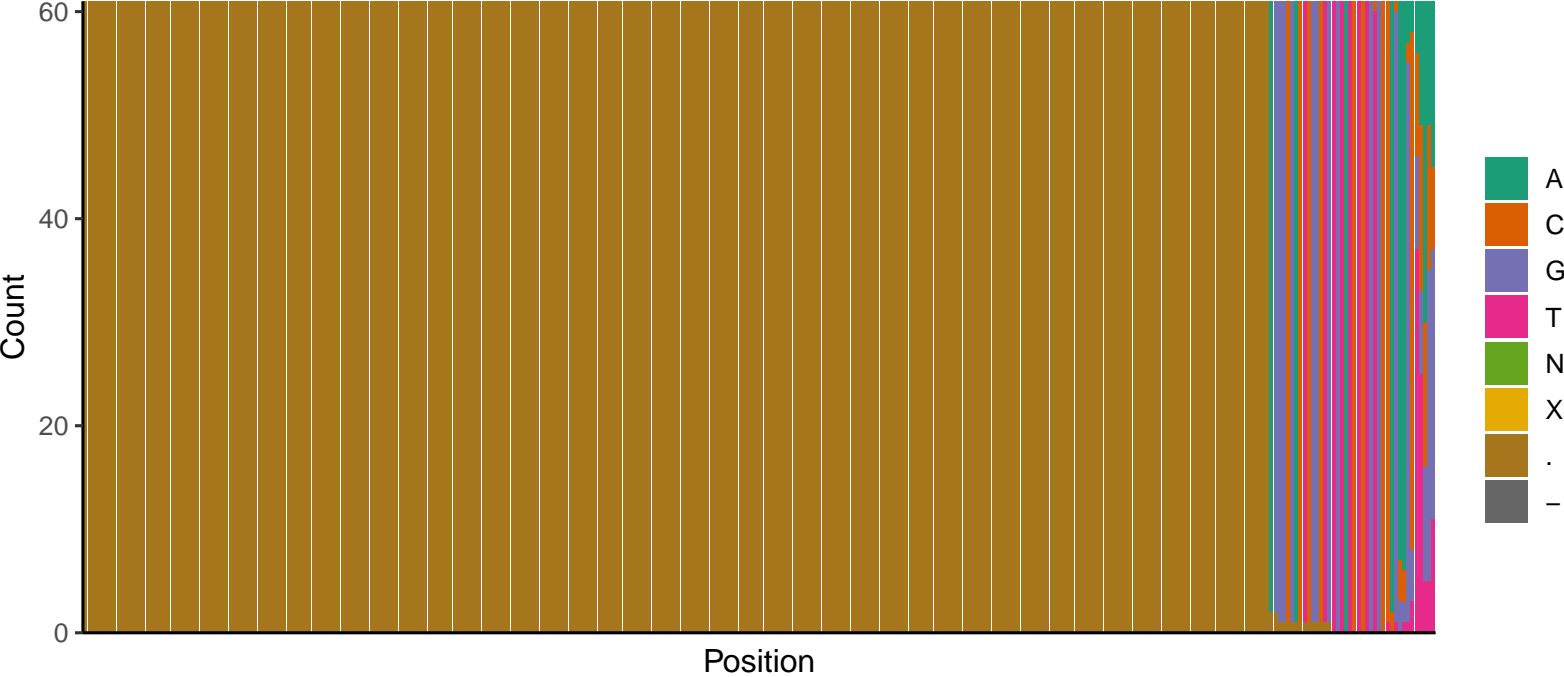
Gene TRBV7-1*ap01_G291C_T296C



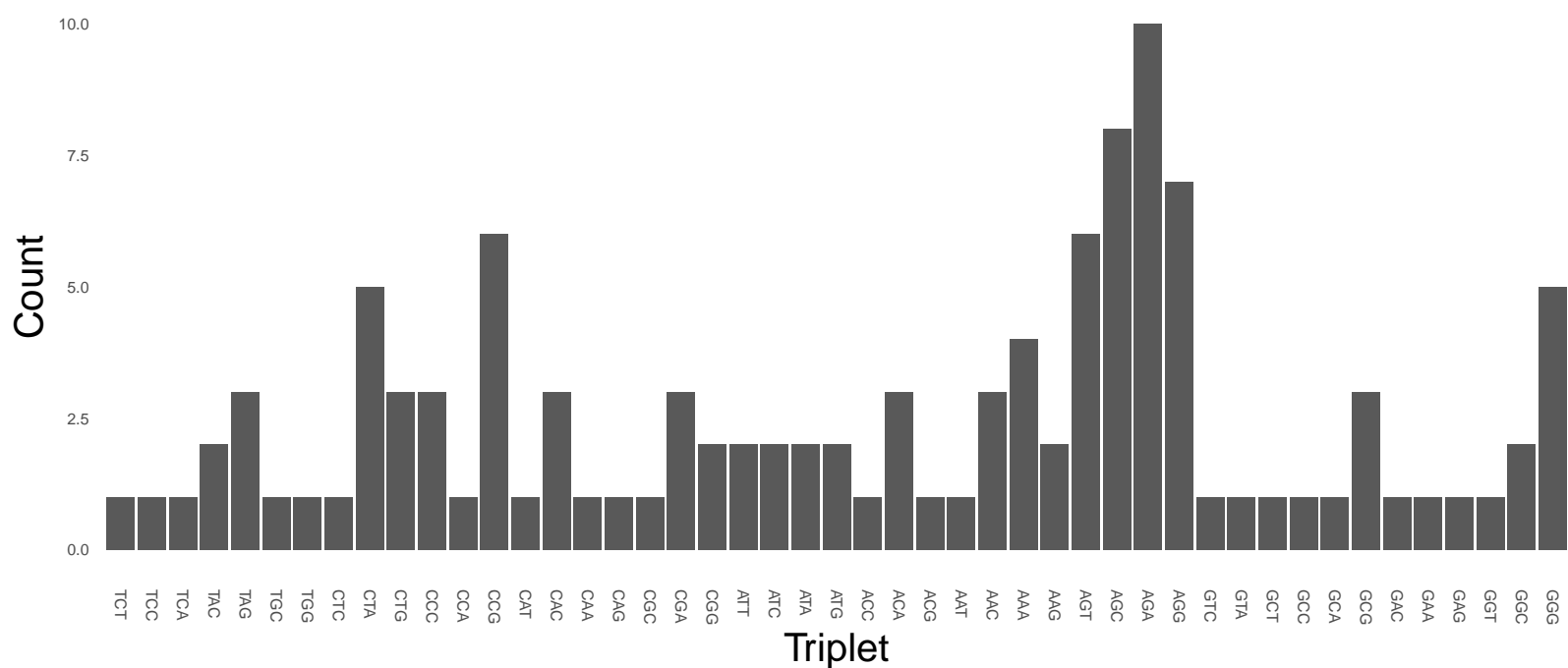
Gene TRBV7-1*ap01_G291C_T296C_C314T



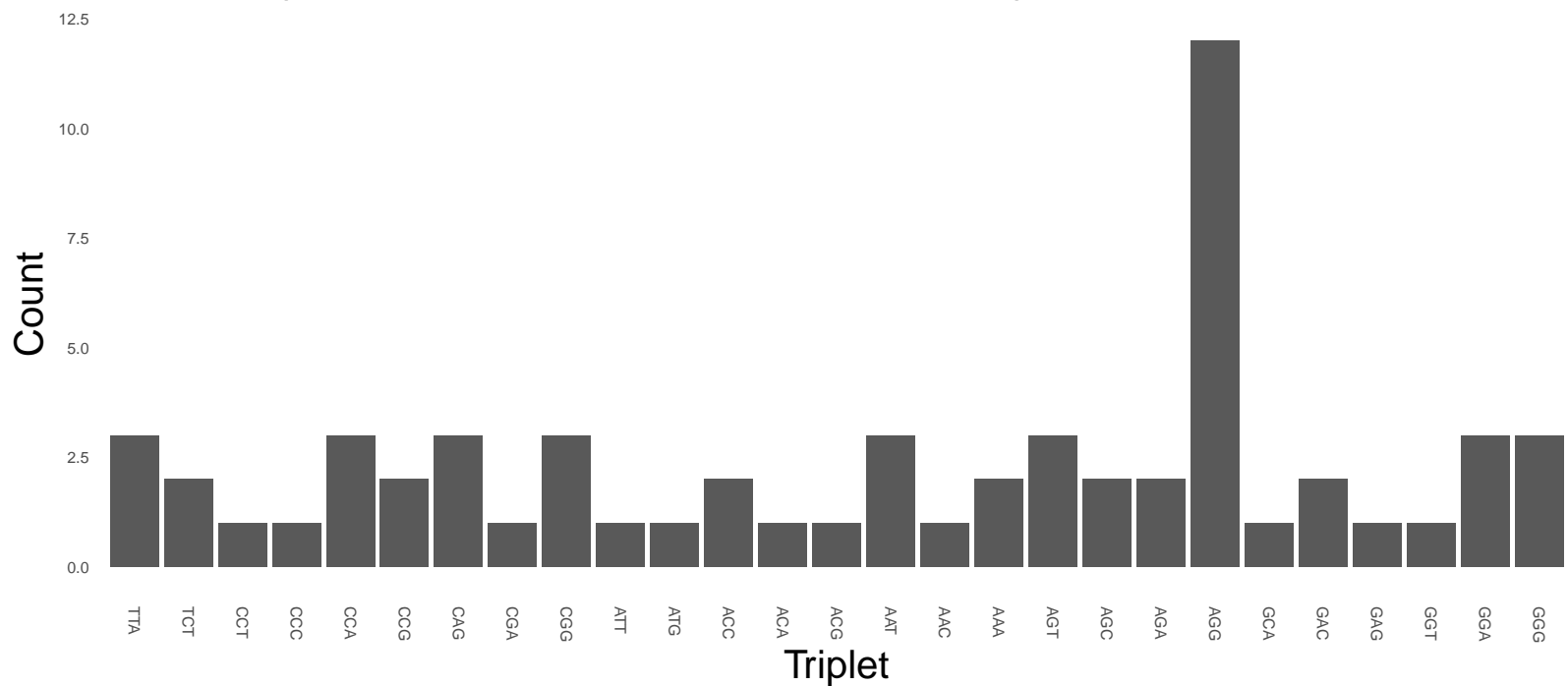
Gene TRBV7-1*ap01_G291C_T296C



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

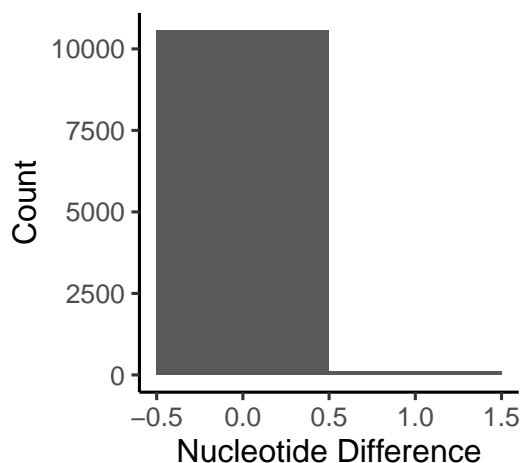


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



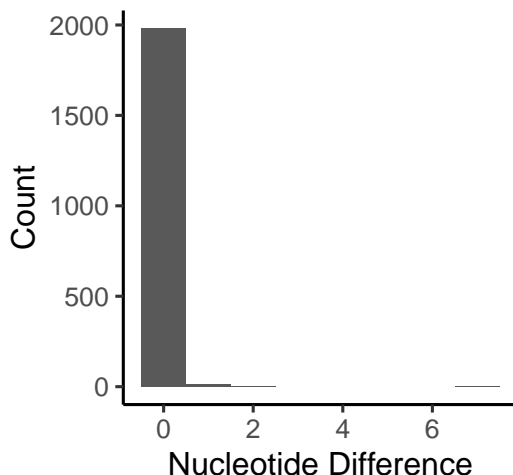
TRBV20-1*ap01

10682 sequences assigned
10575 (99%) exact matches, in which:
10473 unique CDR3
13 unique J



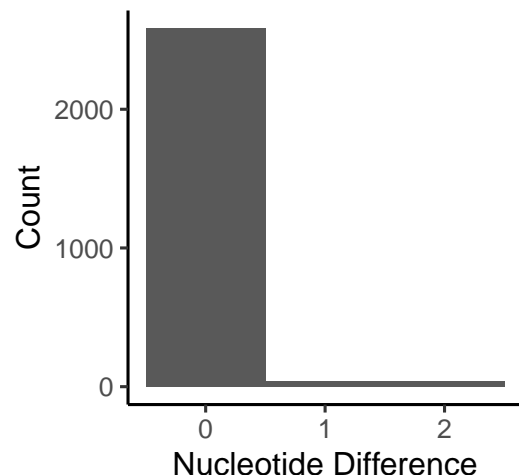
TRBV10-2*ap01

1999 sequences assigned
1981 (99.1%) exact matches, in which:
1955 unique CDR3
13 unique J



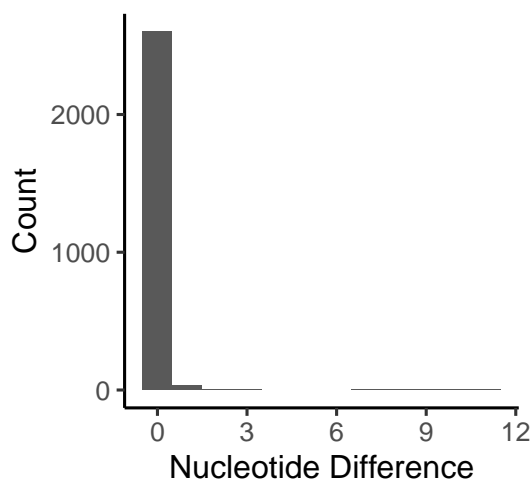
TRBV13*ap01

2661 sequences assigned
2583 (97.1%) exact matches, in which:
2524 unique CDR3
13 unique J



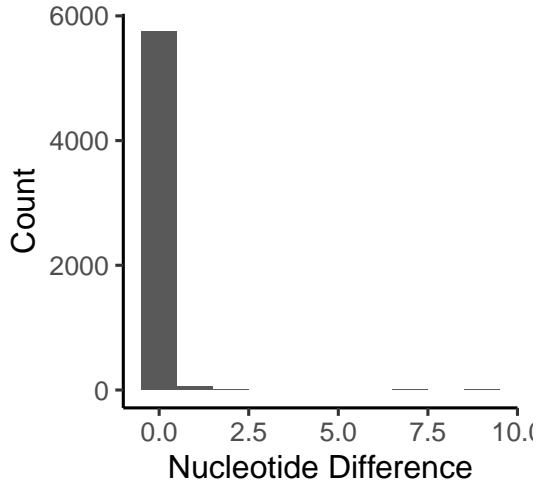
TRBV10-1*ap01

2639 sequences assigned
2601 (98.6%) exact matches, in which:
2555 unique CDR3
13 unique J



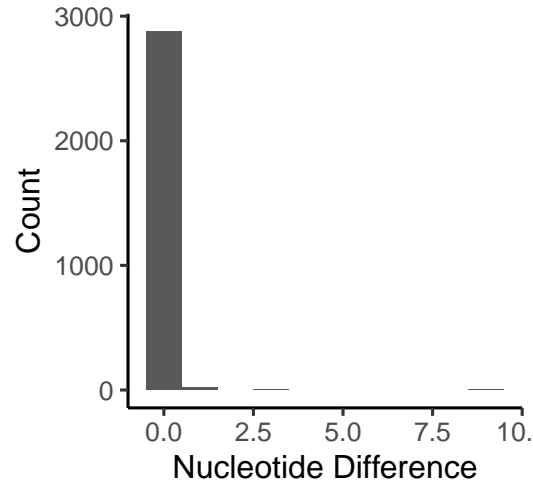
TRBV10-3*ap01

5813 sequences assigned
5746 (98.8%) exact matches, in which:
5663 unique CDR3
13 unique J



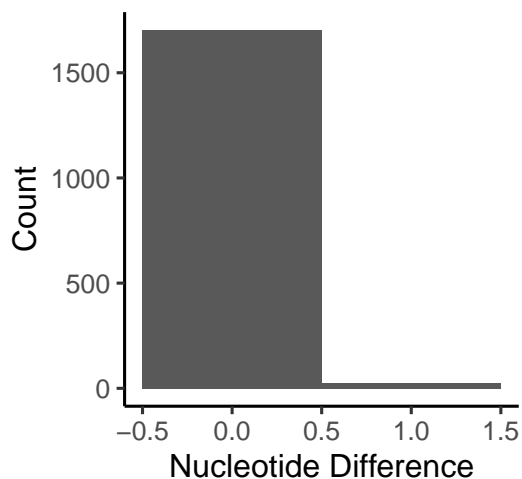
TRBV14*ap01

2898 sequences assigned
2875 (99.2%) exact matches, in which:
2853 unique CDR3
13 unique J



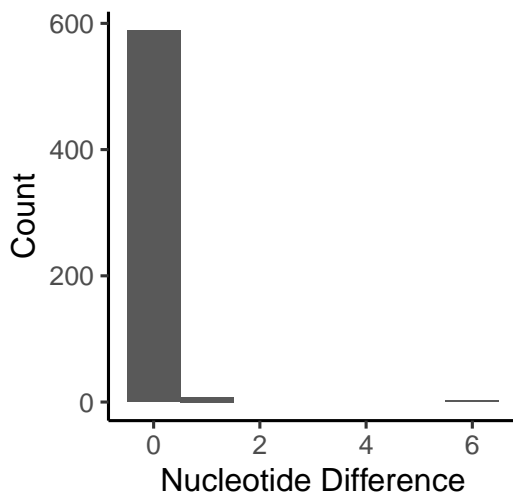
TRBV20-1*ap02

1728 sequences assigned
1703 (98.6%) exact matches, in which:
1684 unique CDR3
13 unique J



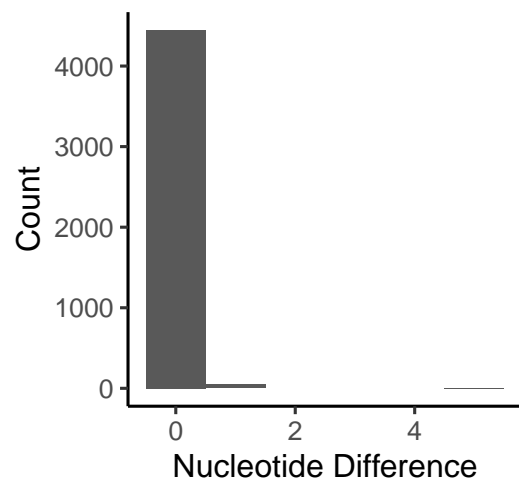
TRBV1*ap01

600 sequences assigned
589 (98.2%) exact matches, in which:
579 unique CDR3
13 unique J



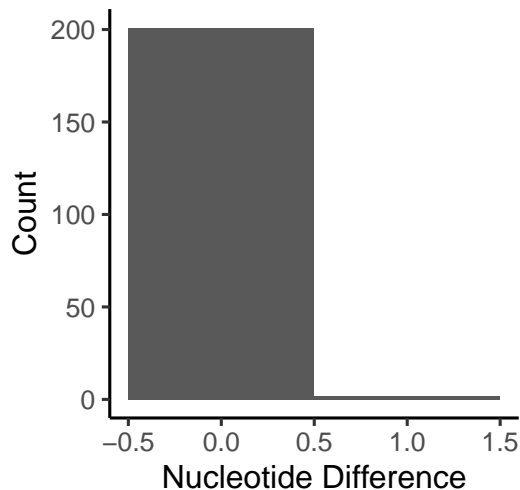
TRBV15*ap02

4494 sequences assigned
4447 (99%) exact matches, in which:
4381 unique CDR3
13 unique J



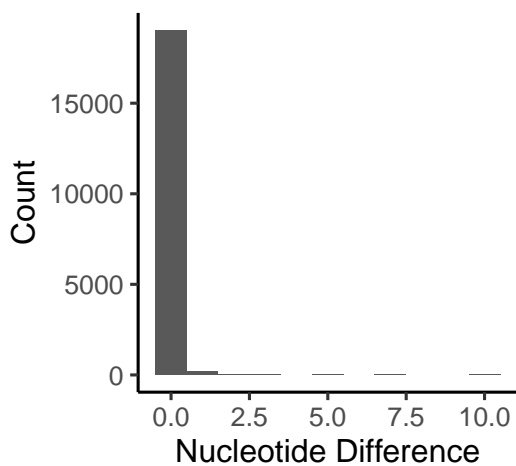
TRBV16*ap01

203 sequences assigned
201 (99%) exact matches, in which:
201 unique CDR3
13 unique J



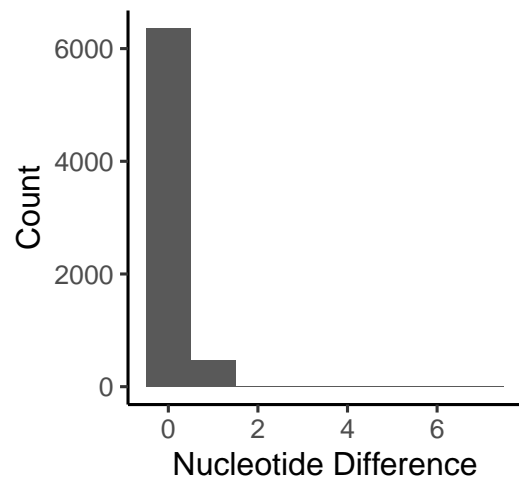
TRBV2*ap01

19260 sequences assigned
19032 (98.8%) exact matches, in which:
18675 unique CDR3
13 unique J



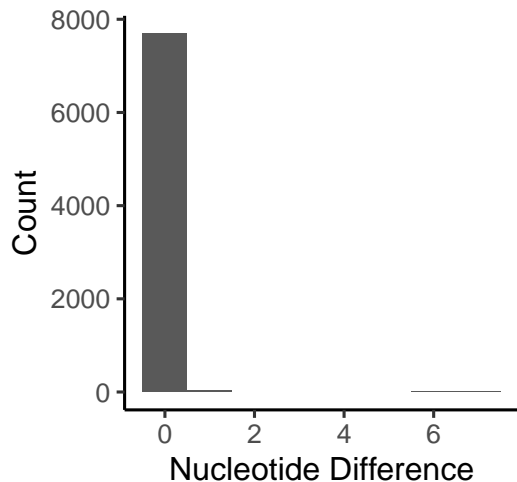
TRBV30*ap01

6856 sequences assigned
6358 (92.7%) exact matches, in which:
6258 unique CDR3
14 unique J



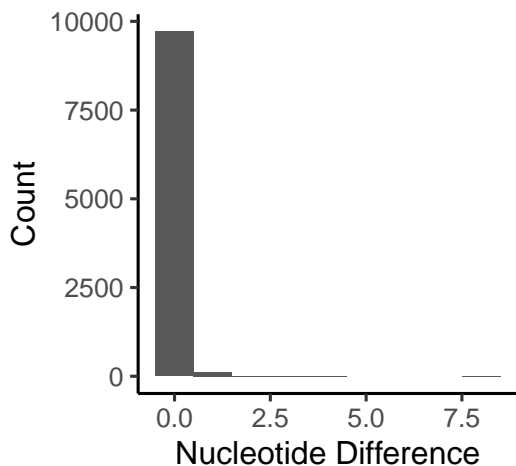
TRBV18*ap01

7731 sequences assigned
7690 (99.5%) exact matches, in which:
7661 unique CDR3
13 unique J



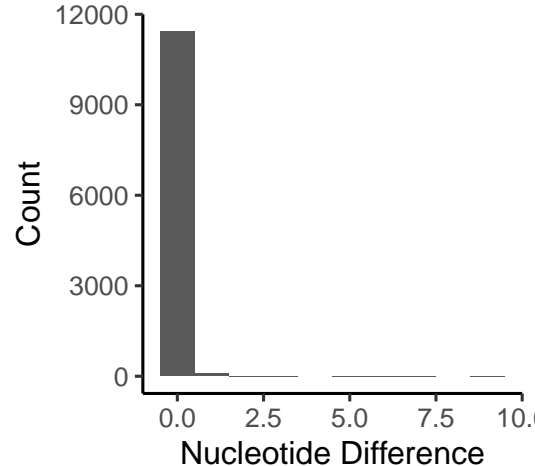
TRBV27*ap01

9850 sequences assigned
9715 (98.6%) exact matches, in which:
9562 unique CDR3
13 unique J



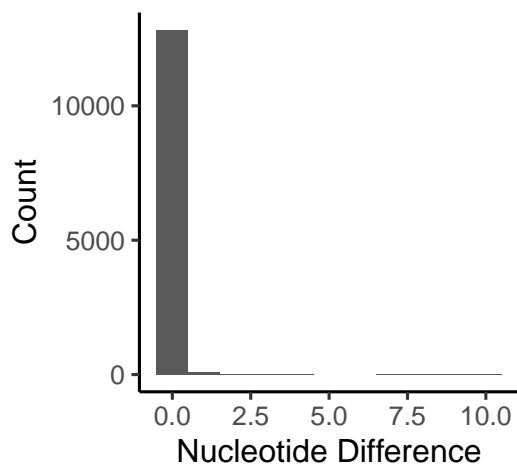
TRBV9*ap01

11532 sequences assigned
11430 (99.1%) exact matches, in which:
11298 unique CDR3
13 unique J



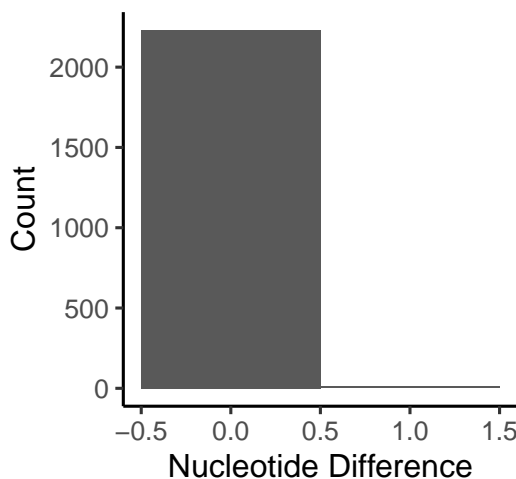
TRBV19*ap01

12925 sequences assigned
12829 (99.3%) exact matches, in which:
12752 unique CDR3
13 unique J



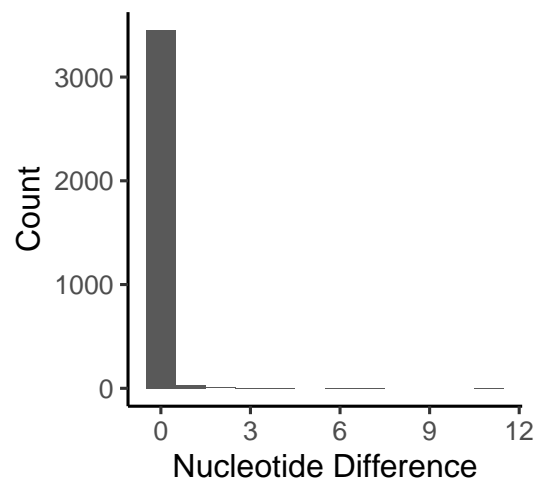
TRBV28*ap01

2242 sequences assigned
2231 (99.5%) exact matches, in which:
2215 unique CDR3
13 unique J



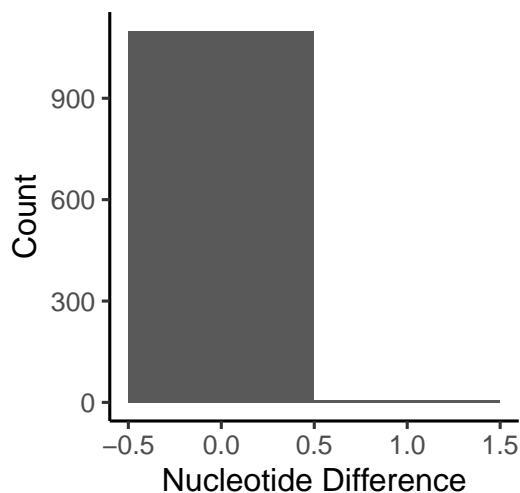
TRBV21-1*ap01

3503 sequences assigned
3453 (98.6%) exact matches, in which:
3433 unique CDR3
13 unique J



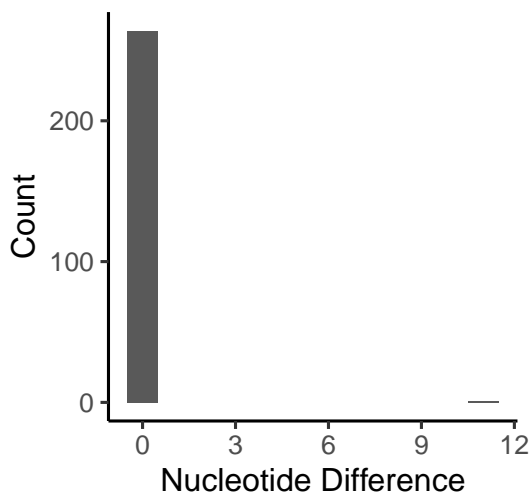
TRBV11-1*ap01

1106 sequences assigned
1100 (99.5%) exact matches, in which:
1090 unique CDR3
13 unique J



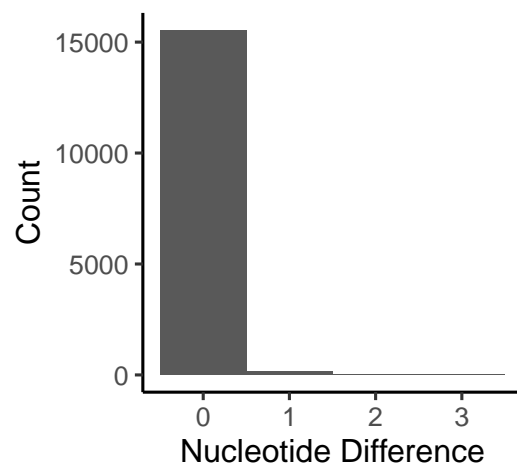
TRBV12-1*ap01

265 sequences assigned
264 (99.6%) exact matches, in which:
263 unique CDR3
12 unique J



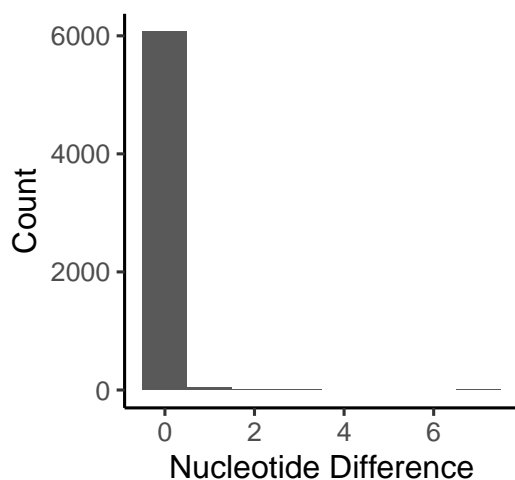
TRBV12-34*ap01

15702 sequences assigned
15539 (99%) exact matches, in which:
15357 unique CDR3
13 unique J



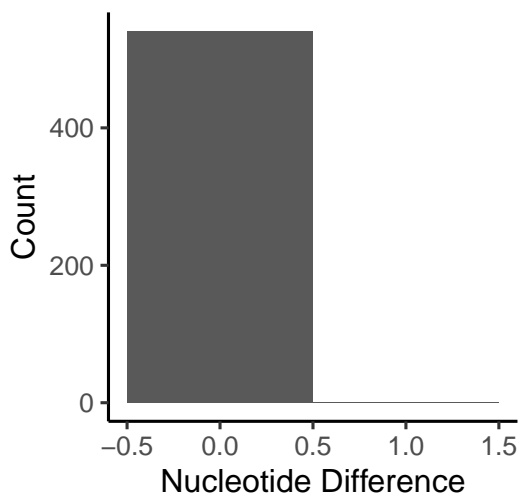
TRBV11-2*ap01

6117 sequences assigned
6069 (99.2%) exact matches, in which:
6019 unique CDR3
14 unique J



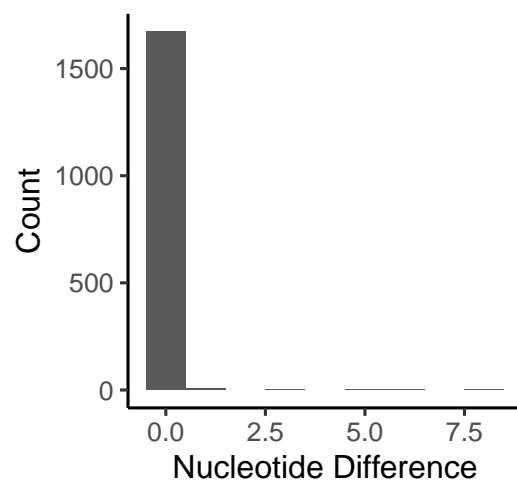
TRBV12-2*ap01

542 sequences assigned
541 (99.8%) exact matches, in which:
538 unique CDR3
13 unique J



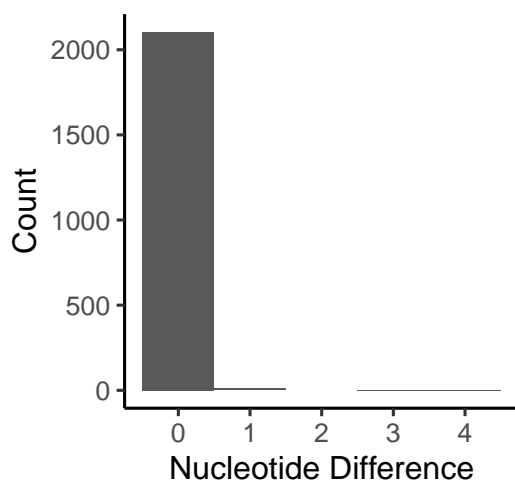
TRBV23-1*ap01

1685 sequences assigned
1672 (99.2%) exact matches, in which:
1656 unique CDR3
13 unique J



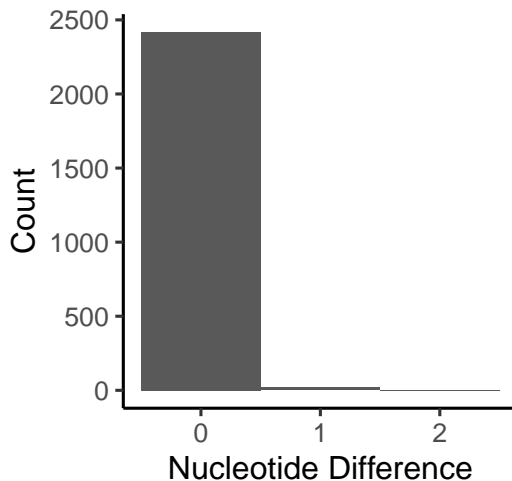
TRBV11-3*ap01

2118 sequences assigned
2104 (99.3%) exact matches, in which:
2086 unique CDR3
13 unique J



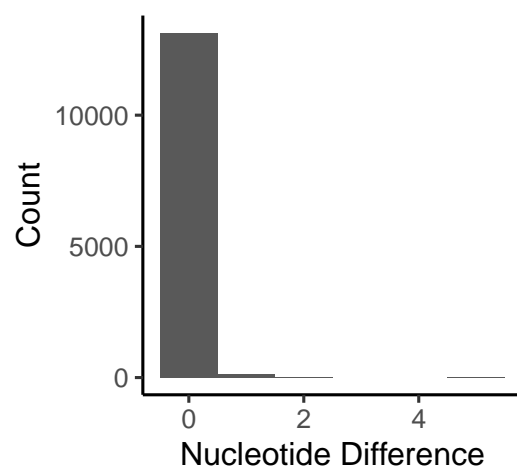
TRBV12-5*ap01

2437 sequences assigned
2418 (99.2%) exact matches, in which:
2394 unique CDR3
13 unique J



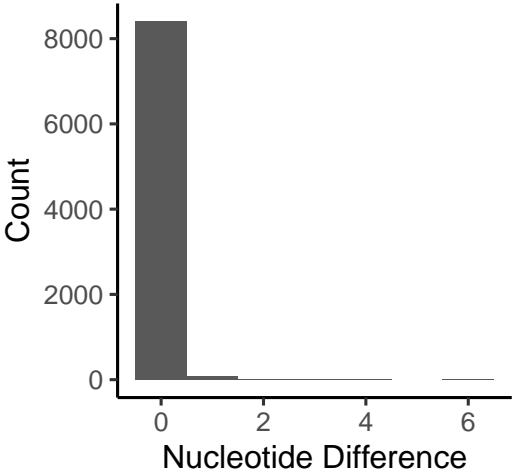
TRBV3-12*ap01

13280 sequences assigned
13139 (98.9%) exact matches, in which:
12963 unique CDR3
13 unique J



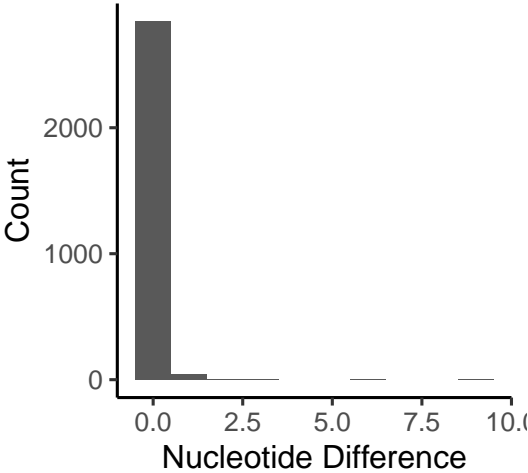
TRBV4-1*ap01

8500 sequences assigned
8404 (98.9%) exact matches, in which:
8287 unique CDR3
13 unique J



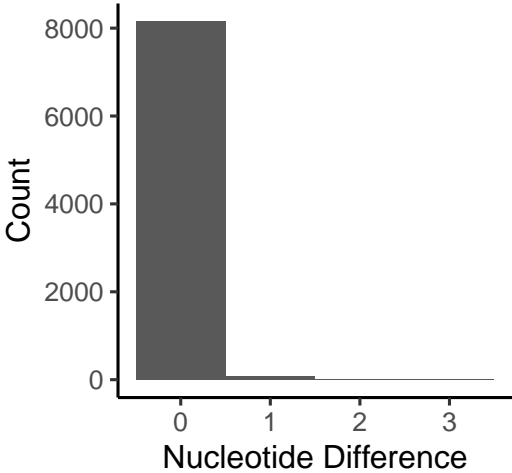
TRBV25-1*ap01

2898 sequences assigned
2844 (98.1%) exact matches, in which:
2787 unique CDR3
13 unique J



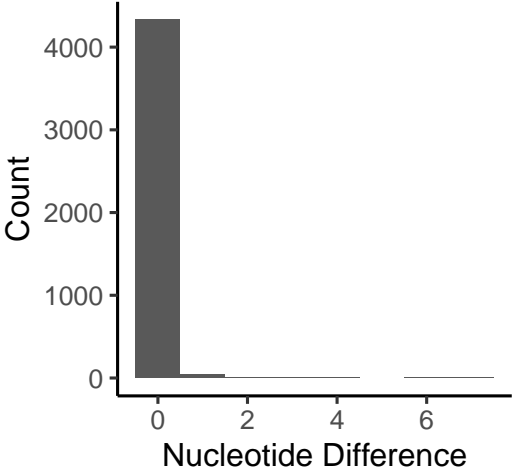
TRBV5-4*ap01

8244 sequences assigned
8153 (98.9%) exact matches, in which:
8043 unique CDR3
13 unique J



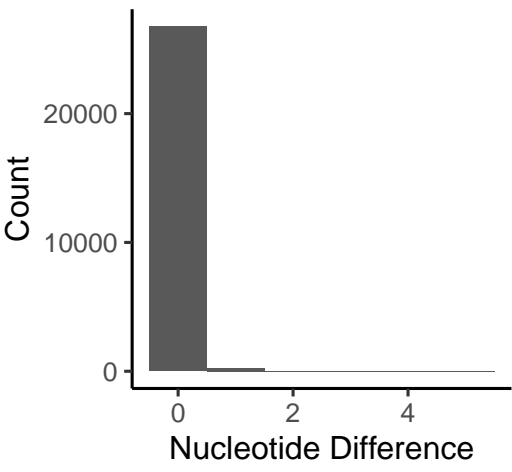
TRBV24-1*ap01

4387 sequences assigned
4331 (98.7%) exact matches, in which:
4254 unique CDR3
13 unique J



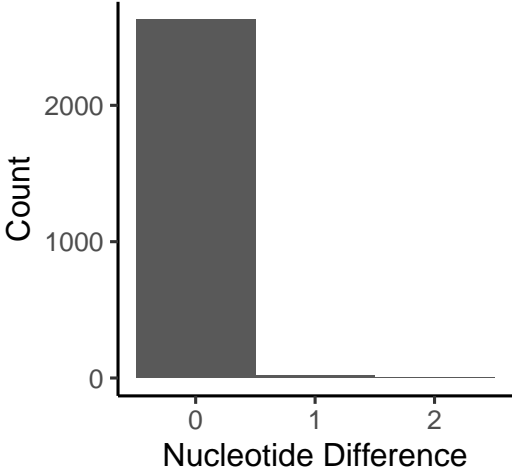
TRBV5-1*ap01

27019 sequences assigned
26765 (99.1%) exact matches, in which:
26279 unique CDR3
13 unique J



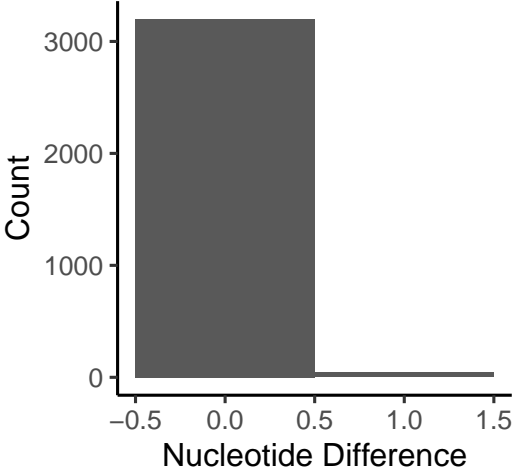
TRBV5-5*ap01

2649 sequences assigned
2628 (99.2%) exact matches, in which:
2611 unique CDR3
13 unique J



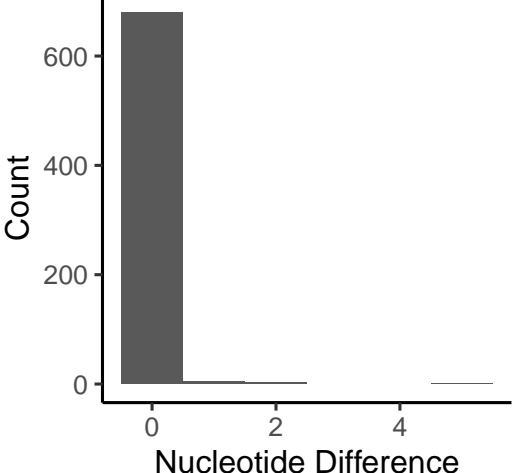
TRBV4-2*ap01

3244 sequences assigned
3200 (98.6%) exact matches, in which:
3160 unique CDR3
13 unique J



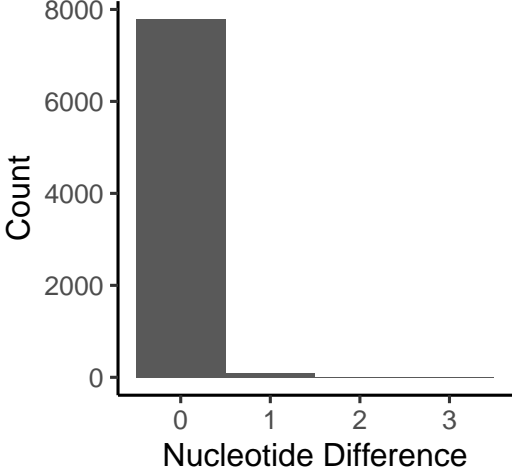
TRBV5-3*ap01

689 sequences assigned
680 (98.7%) exact matches, in which:
677 unique CDR3
13 unique J



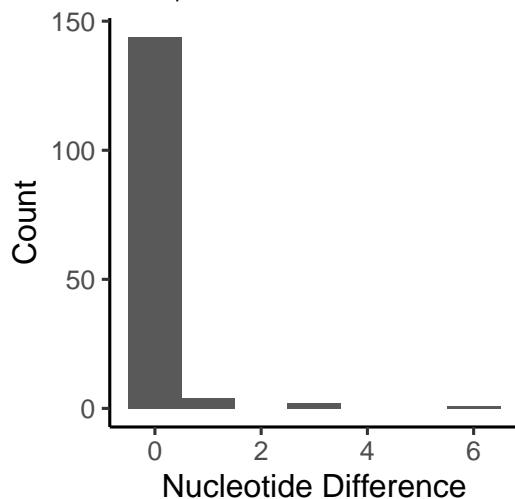
TRBV5-6*ap01

7884 sequences assigned
7791 (98.8%) exact matches, in which:
7601 unique CDR3
13 unique J



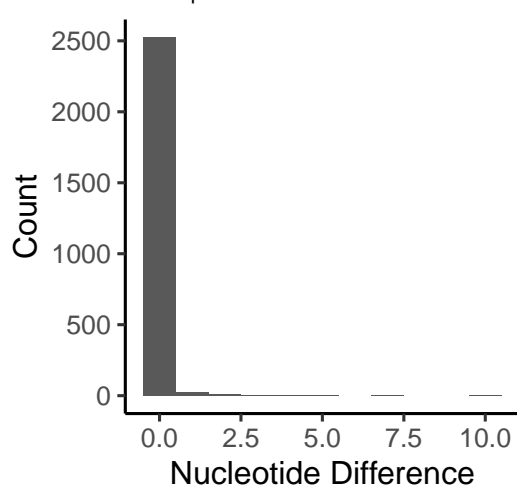
TRBV5-7*ap01

151 sequences assigned
144 (95.4%) exact matches, in which:
142 unique CDR3
13 unique J



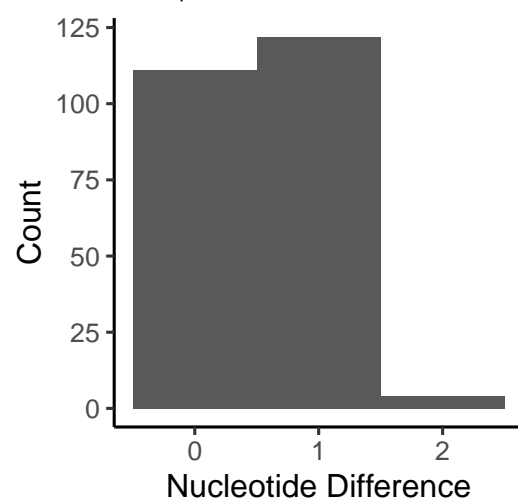
TRBV6-4*ap01

2565 sequences assigned
2524 (98.4%) exact matches, in which:
2494 unique CDR3
13 unique J



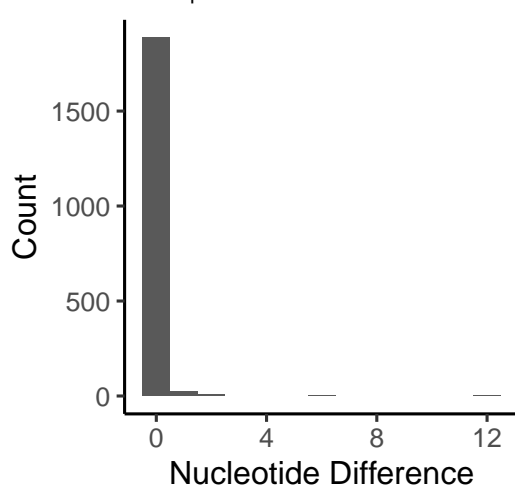
TRBV6-9*ap01

237 sequences assigned
111 (46.8%) exact matches, in which:
106 unique CDR3
12 unique J



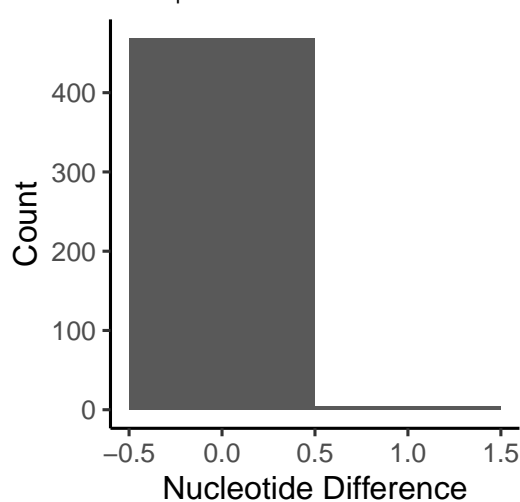
TRBV5-8*ap01

1917 sequences assigned
1886 (98.4%) exact matches, in which:
1875 unique CDR3
13 unique J



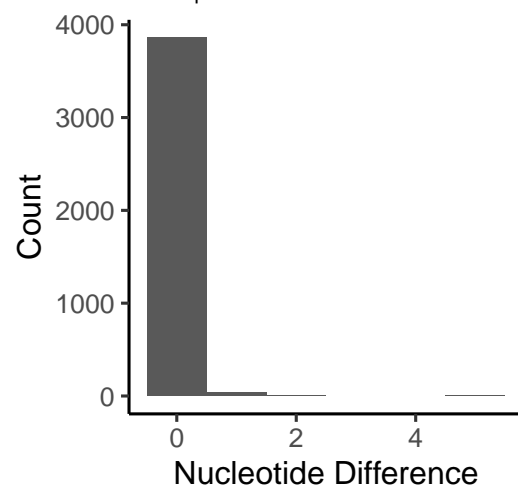
TRBV6-7*ap01

474 sequences assigned
469 (98.9%) exact matches, in which:
454 unique CDR3
13 unique J



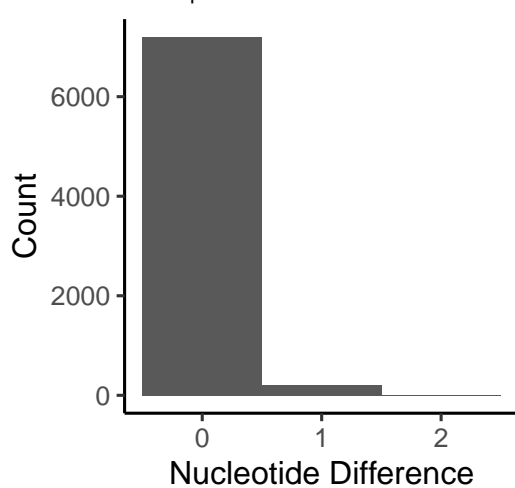
TRBV6-23*ap01

3898 sequences assigned
3860 (99%) exact matches, in which:
3790 unique CDR3
13 unique J



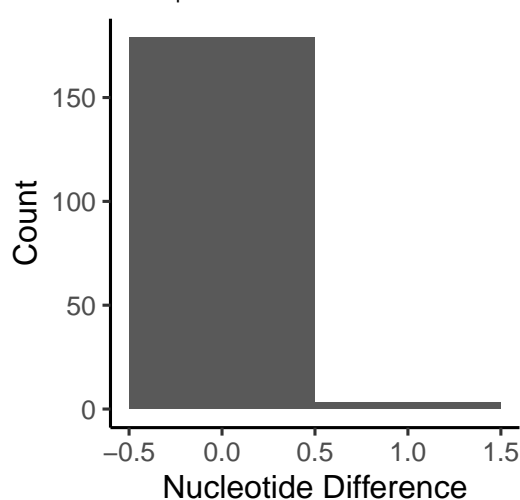
TRBV6-1*ap01

7403 sequences assigned
7198 (97.2%) exact matches, in which:
7067 unique CDR3
13 unique J



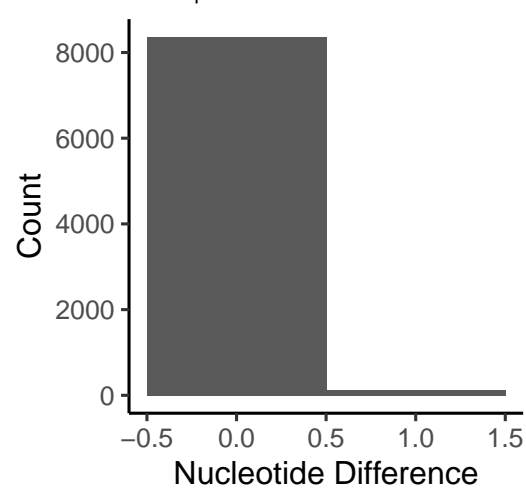
TRBV6-8*ap01

182 sequences assigned
179 (98.4%) exact matches, in which:
178 unique CDR3
13 unique J



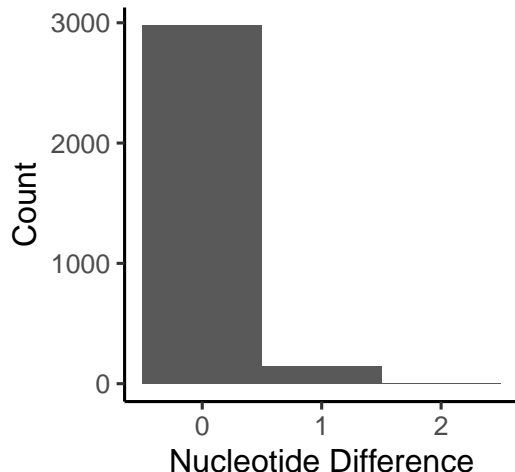
TRBV6-56*ap01

8482 sequences assigned
8360 (98.6%) exact matches, in which:
8203 unique CDR3
13 unique J



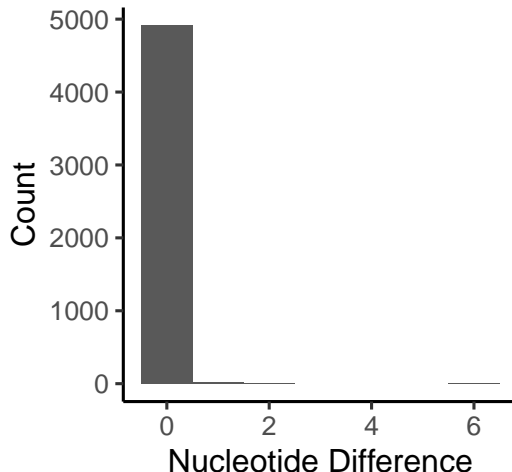
TRBV6-56*ap02

3124 sequences assigned
2978 (95.3%) exact matches, in which:
2910 unique CDR3
13 unique J



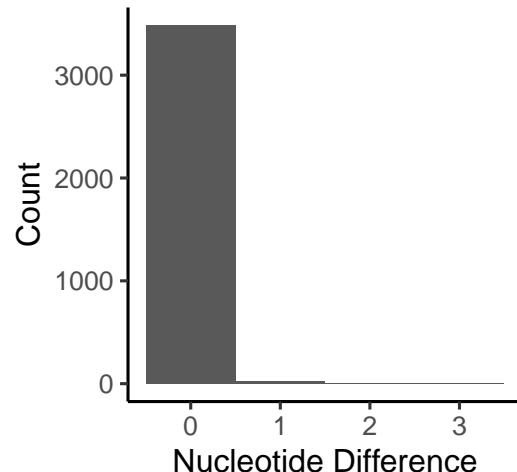
TRBV7-2*ap01

4933 sequences assigned
4914 (99.6%) exact matches, in which:
4868 unique CDR3
13 unique J



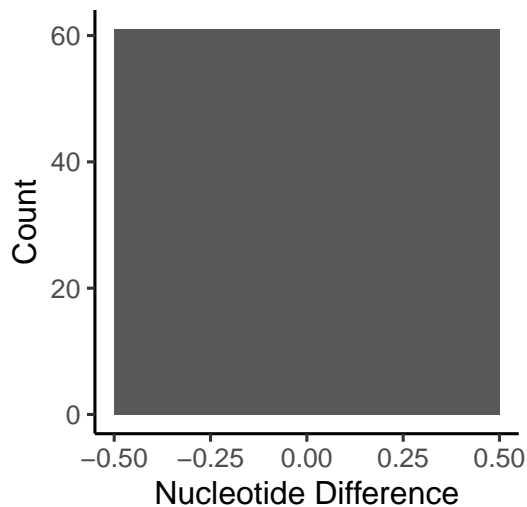
TRBV7-6*ap01

3510 sequences assigned
3484 (99.3%) exact matches, in which:
3443 unique CDR3
13 unique J



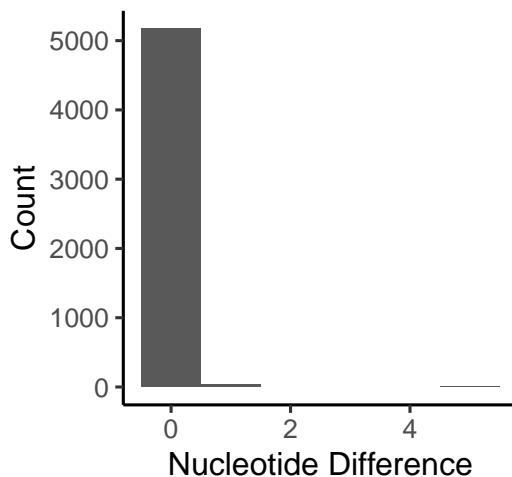
TRBV7-1*ap01_G291C_T

61 sequences assigned
61 (100%) exact matches, in which:
61 unique CDR3
12 unique J



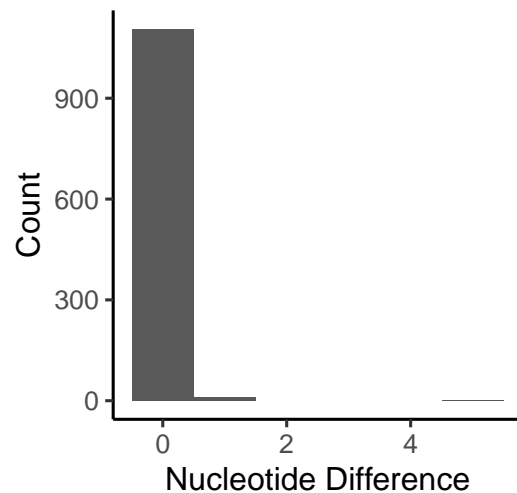
TRBV7-3*ap01

5205 sequences assigned
5172 (99.4%) exact matches, in which:
5125 unique CDR3
13 unique J



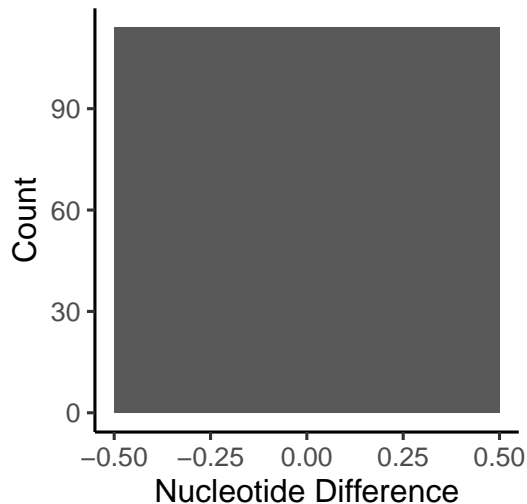
TRBV7-7*ap01

1117 sequences assigned
1106 (99%) exact matches, in which:
1093 unique CDR3
14 unique J



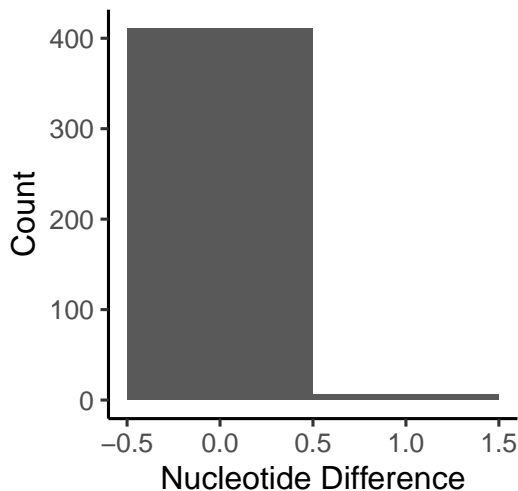
TRBV7-1*ap01_G291C_T

114 sequences assigned
114 (100%) exact matches, in which:
113 unique CDR3
13 unique J



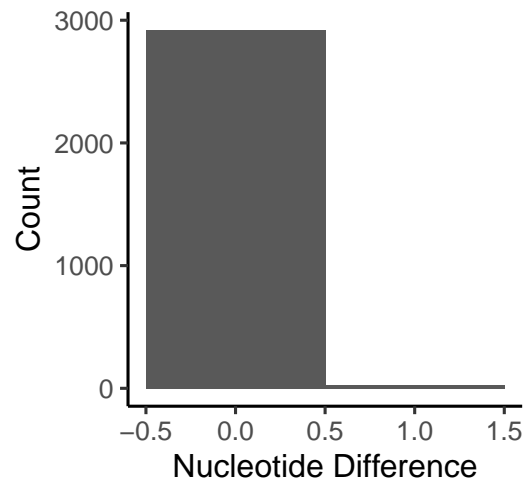
TRBV7-4*ap01

417 sequences assigned
411 (98.6%) exact matches, in which:
406 unique CDR3
13 unique J



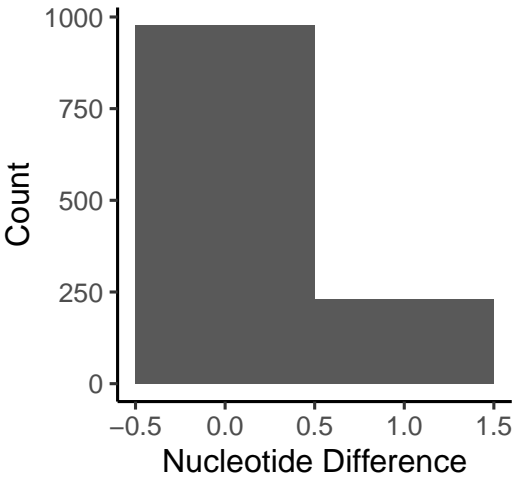
TRBV7-8*ap01

2948 sequences assigned
2920 (99.1%) exact matches, in which:
2883 unique CDR3
13 unique J



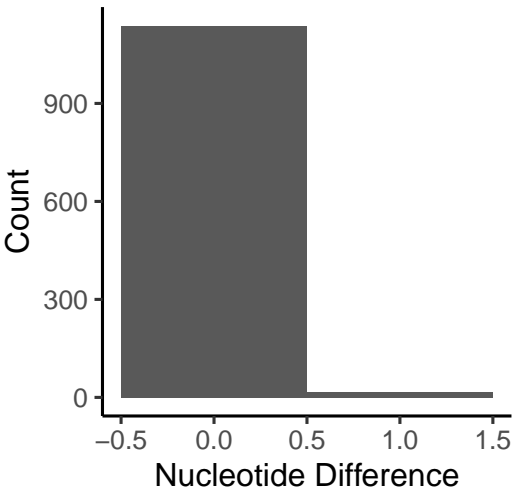
TRBV7-8*ap03

1208 sequences assigned
977 (80.9%) exact matches, in which:
961 unique CDR3
13 unique J



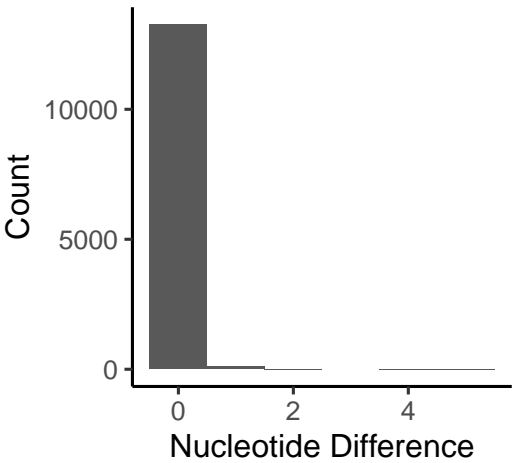
TRBV29-1*ap02

1154 sequences assigned
1138 (98.6%) exact matches, in which:
1115 unique CDR3
13 unique J



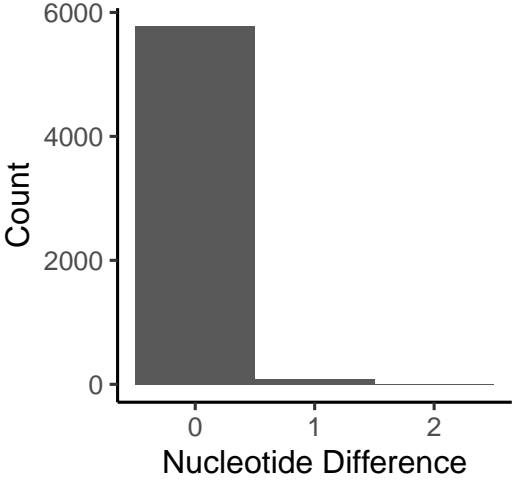
TRBV7-9*ap01

13367 sequences assigned
13264 (99.2%) exact matches, in which:
13125 unique CDR3
13 unique J

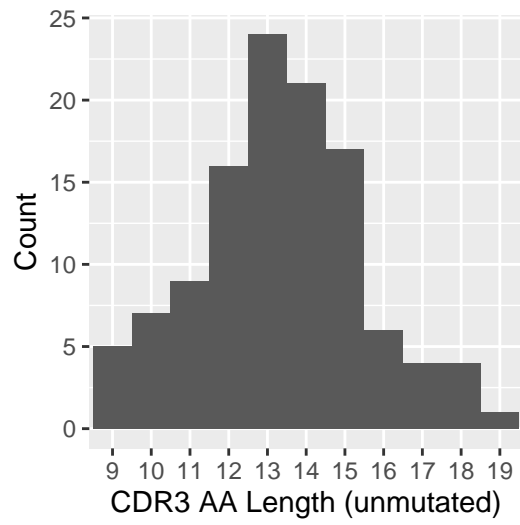


TRBV29-1*ap01

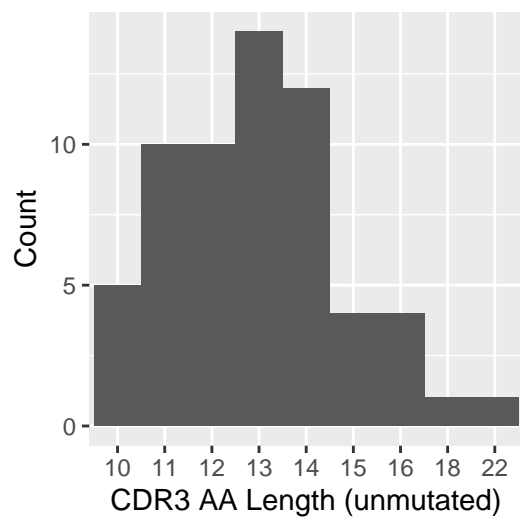
5871 sequences assigned
5780 (98.5%) exact matches, in which:
5674 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



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