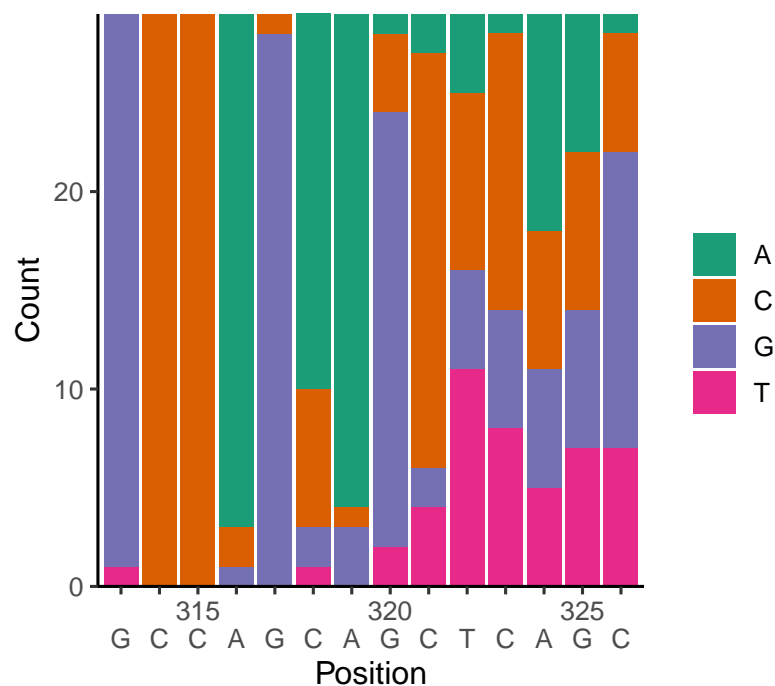
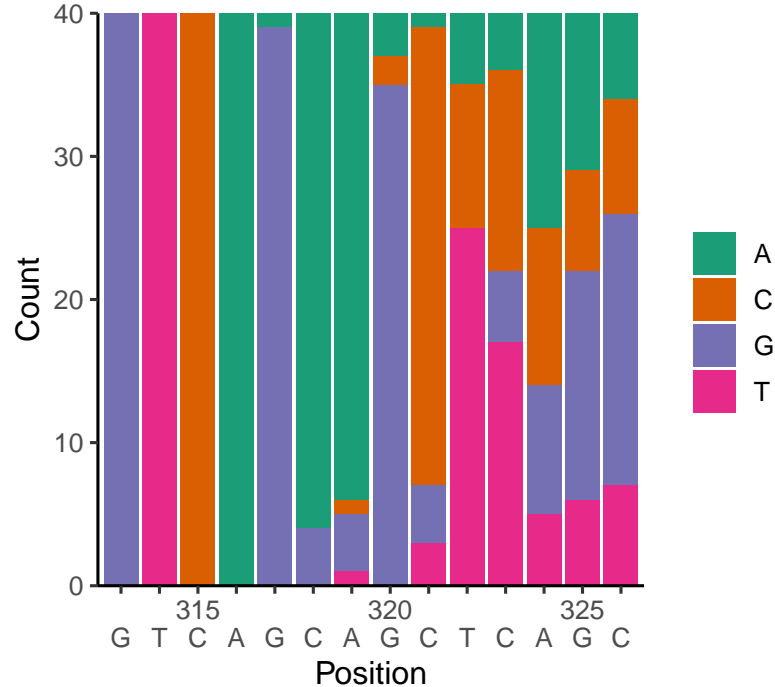


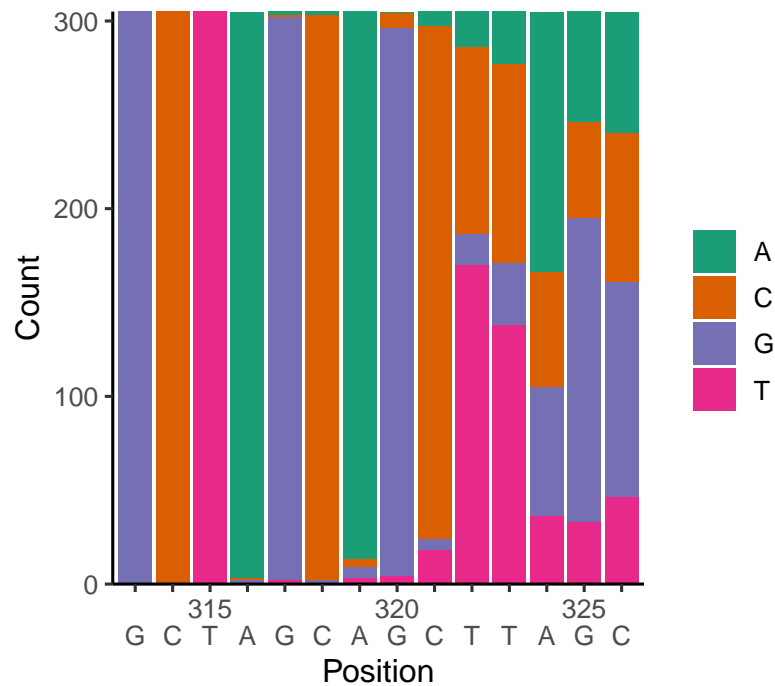
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-7*ap01_C315T



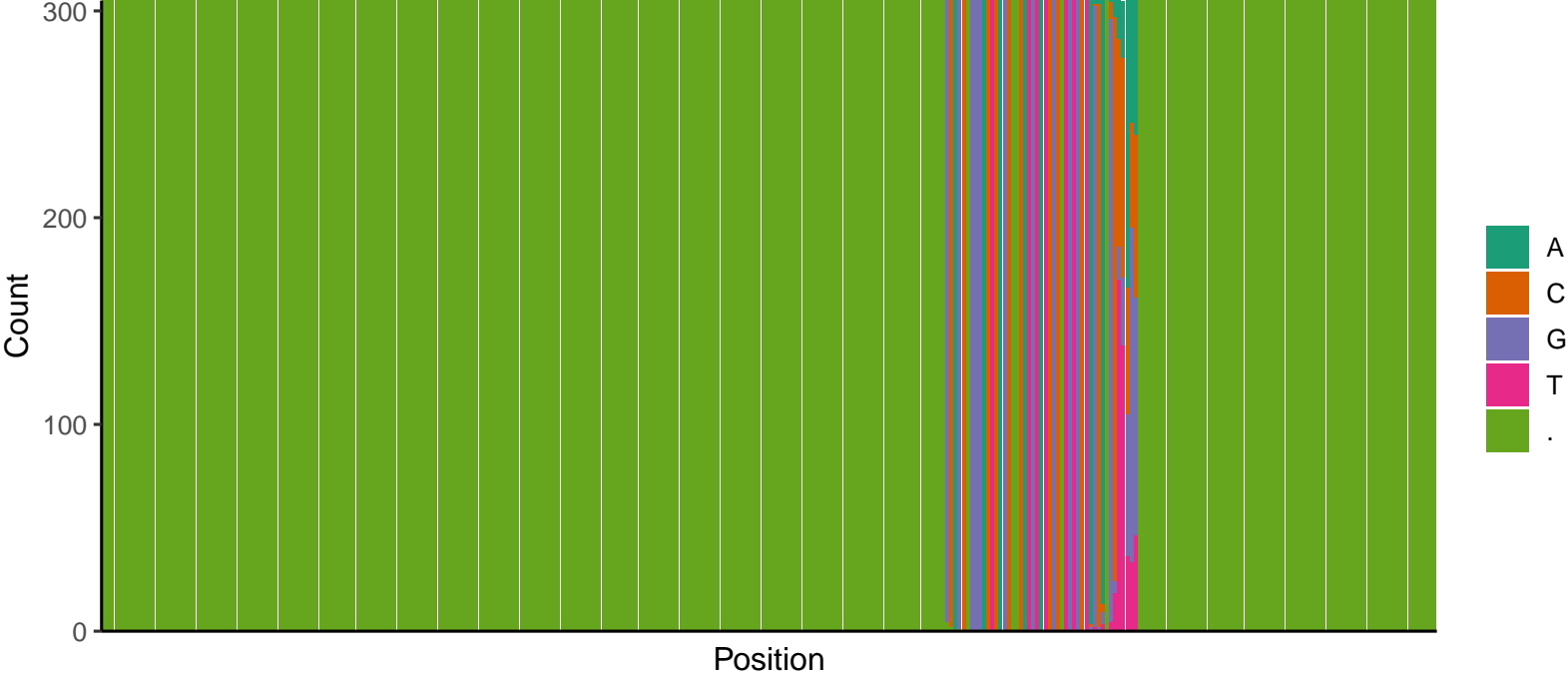
Gene TRBV7-1*ap01_T296C



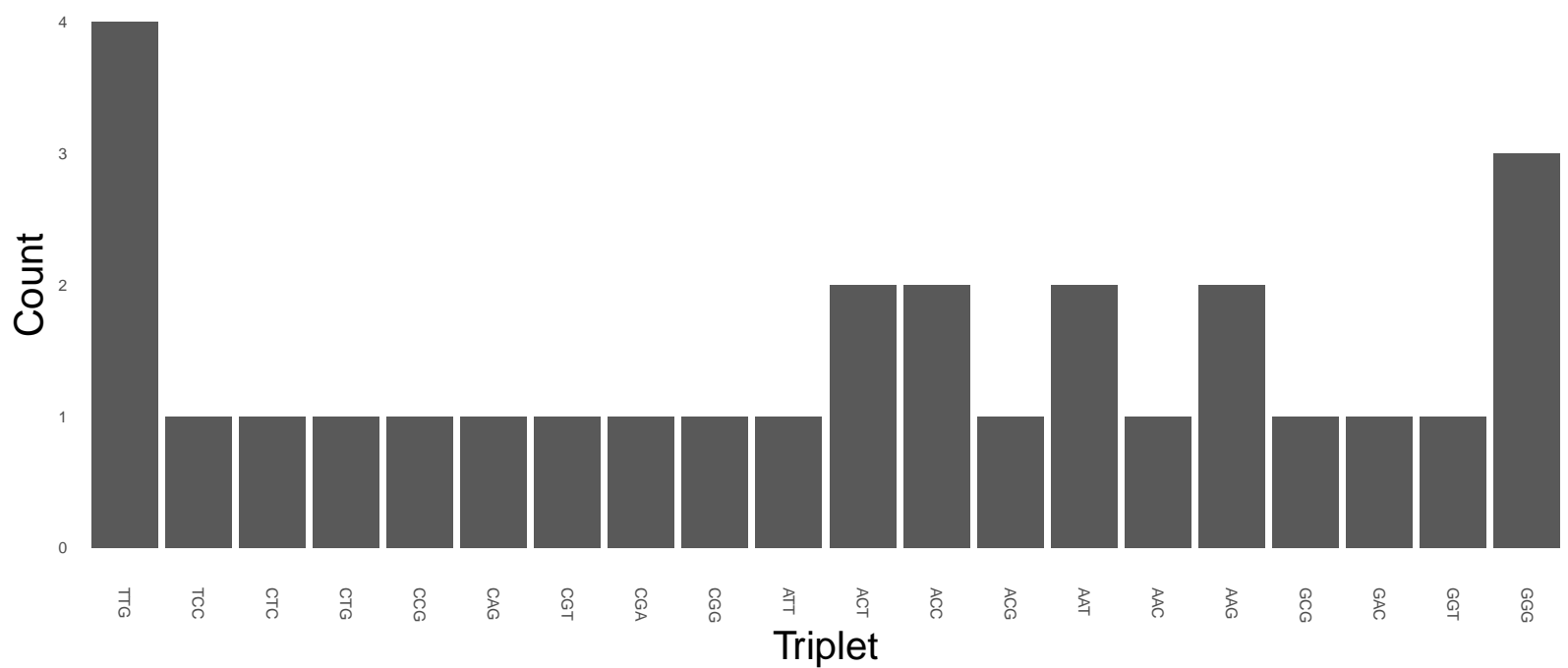
Gene TRBV7-1*ap01_T296C_C314T



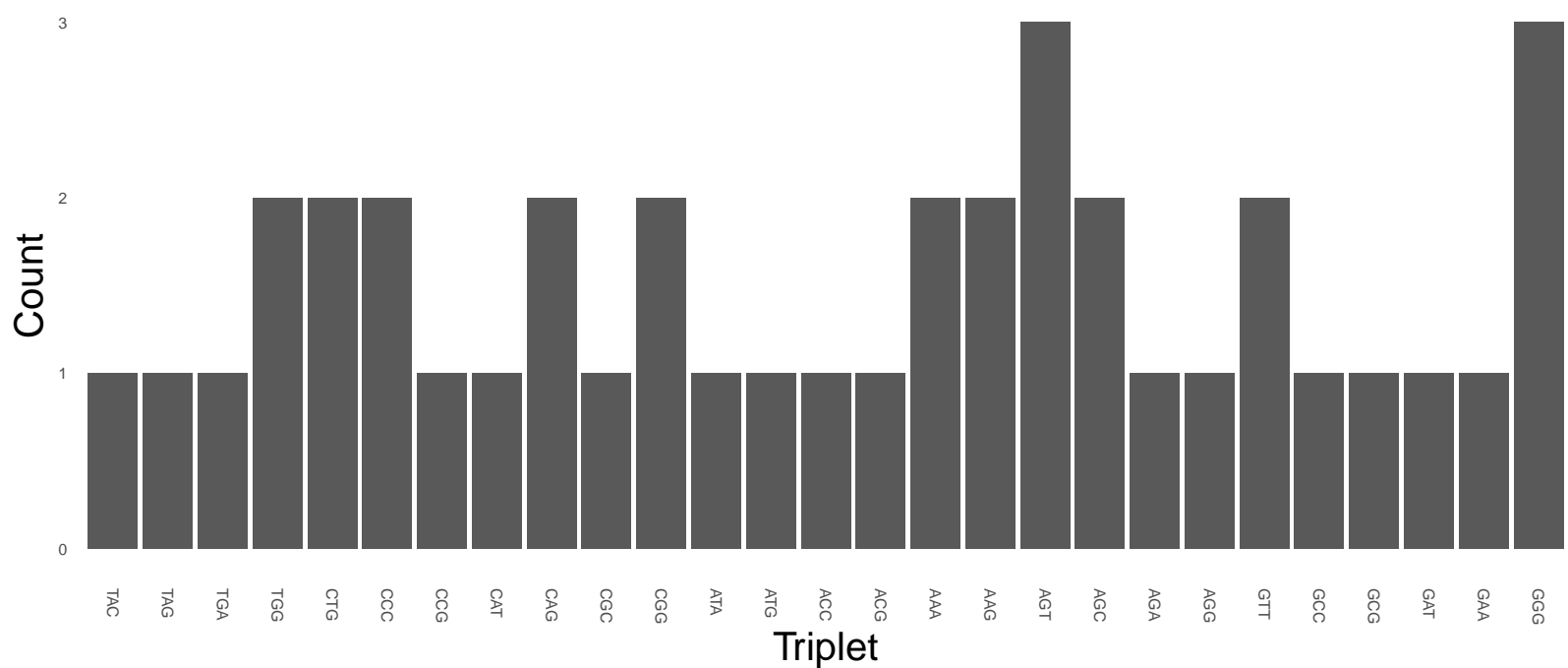
Gene TRBV7-7*ap01_C315T



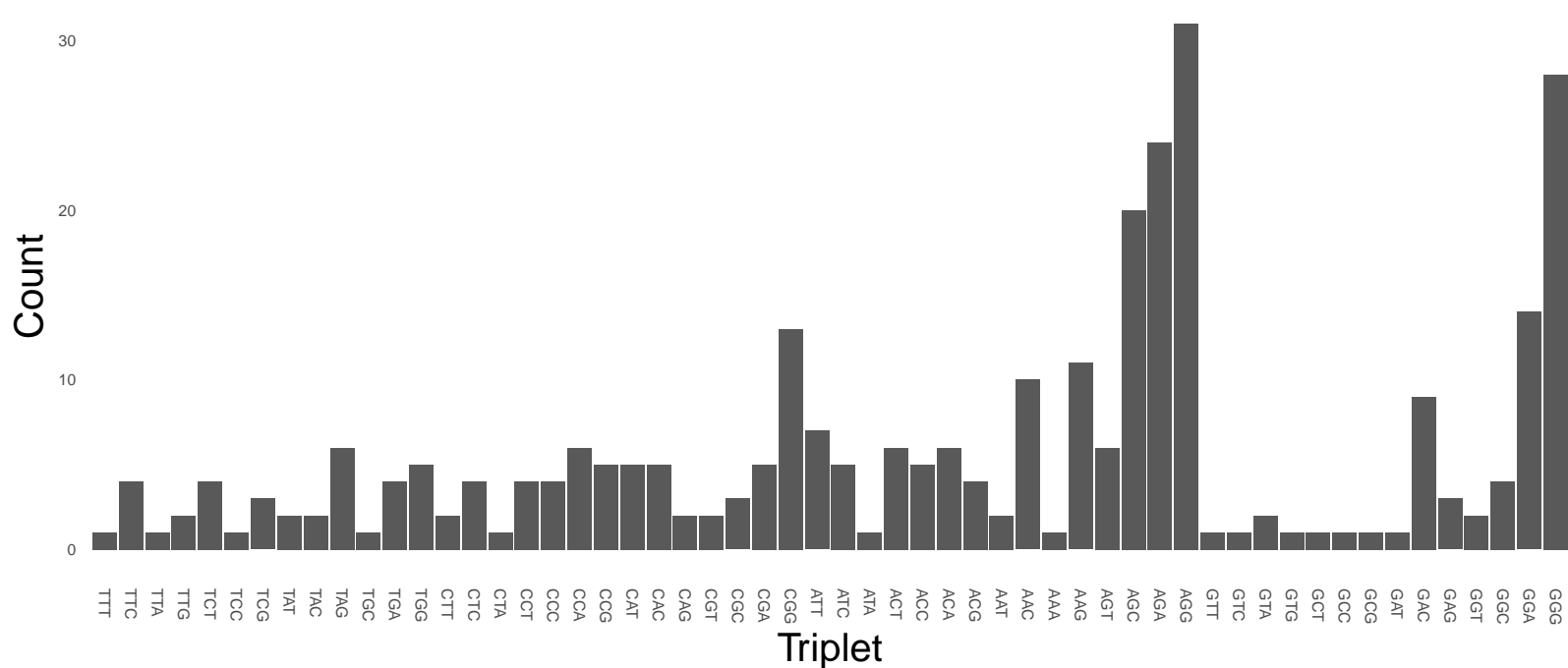
TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



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

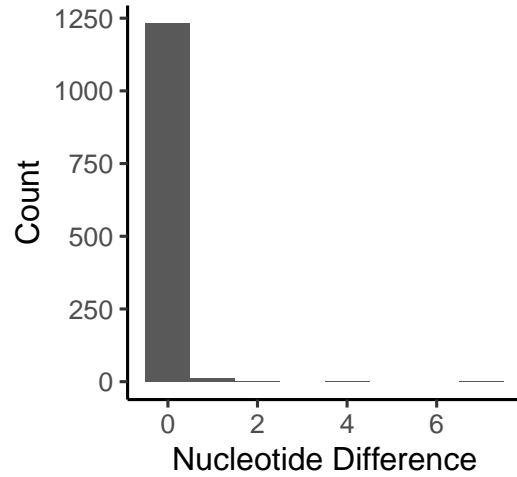


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



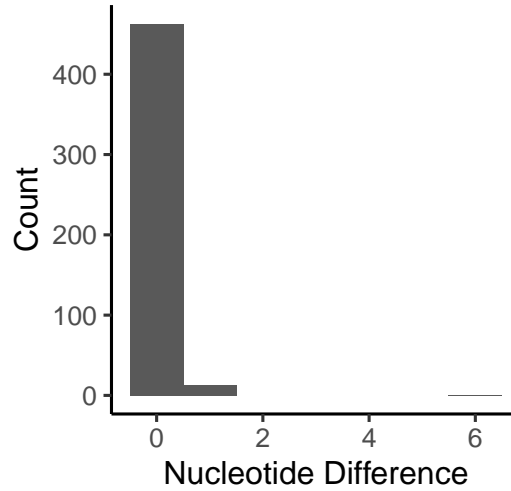
TRBV10-1*ap01

1247 sequences assigned
1232 (98.8%) exact matches, in which:
1229 unique CDR3
13 unique J



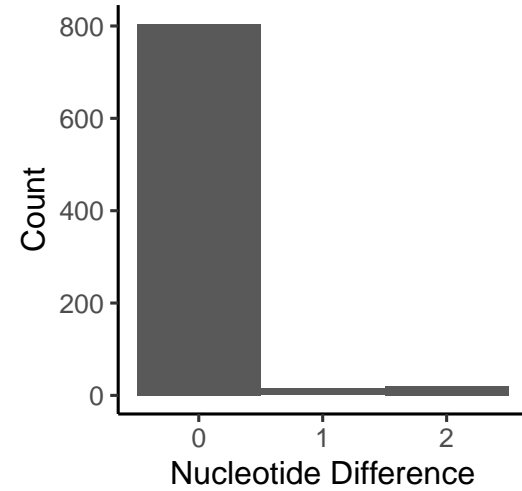
TRBV10-2*ap01

477 sequences assigned
463 (97.1%) exact matches, in which:
457 unique CDR3
13 unique J



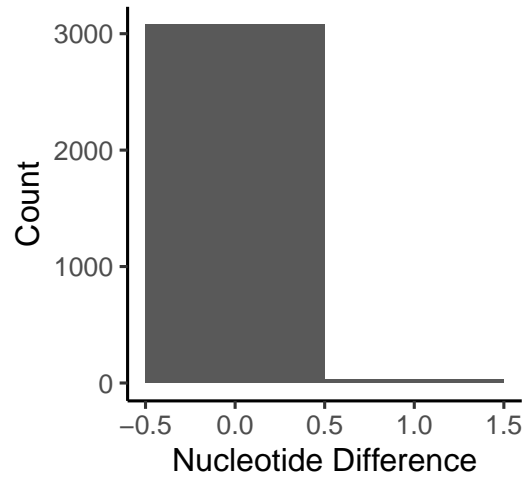
TRBV13*ap01

840 sequences assigned
805 (95.8%) exact matches, in which:
793 unique CDR3
13 unique J



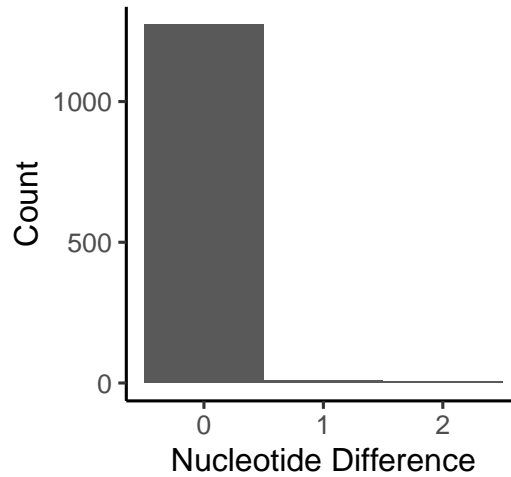
TRBV20-1*ap01

3103 sequences assigned
3077 (99.2%) exact matches, in which:
3068 unique CDR3
13 unique J



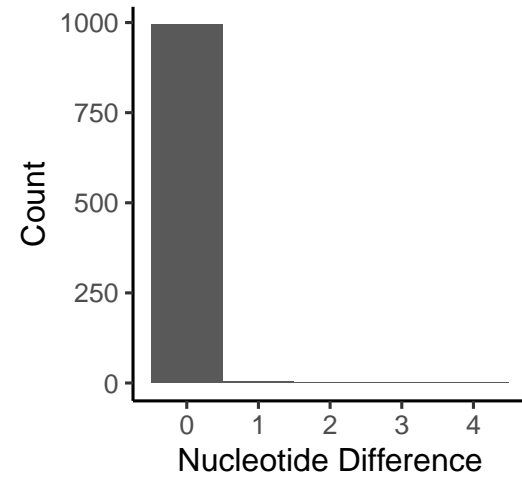
TRBV10-3*ap01

1286 sequences assigned
1273 (99%) exact matches, in which:
1268 unique CDR3
13 unique J



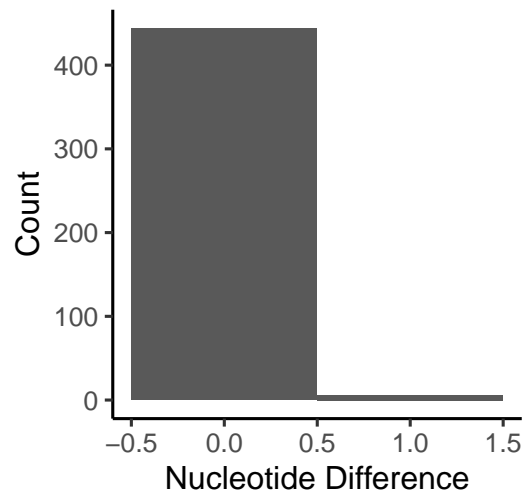
TRBV14*ap01

1001 sequences assigned
994 (99.3%) exact matches, in which:
992 unique CDR3
13 unique J



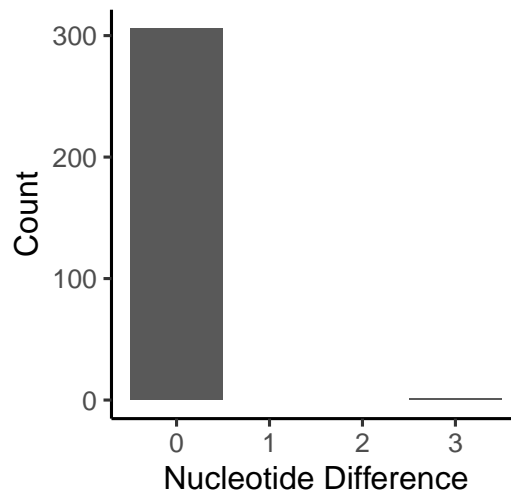
TRBV20-1*ap02

450 sequences assigned
444 (98.7%) exact matches, in which:
442 unique CDR3
13 unique J



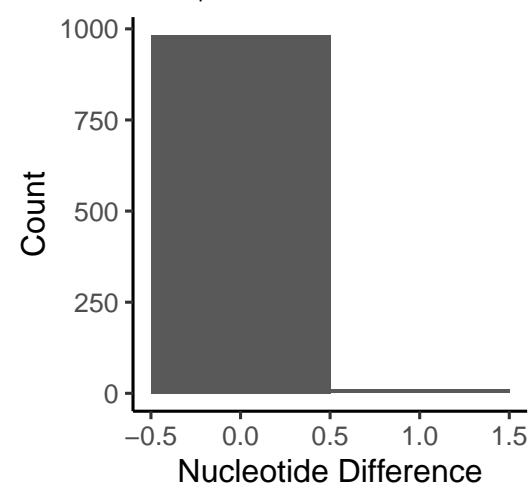
TRBV1*ap01

307 sequences assigned
306 (99.7%) exact matches, in which:
304 unique CDR3
13 unique J



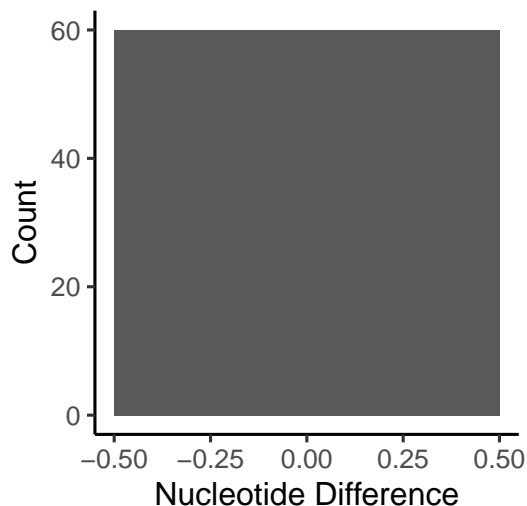
TRBV15*ap02

994 sequences assigned
983 (98.9%) exact matches, in which:
978 unique CDR3
13 unique J



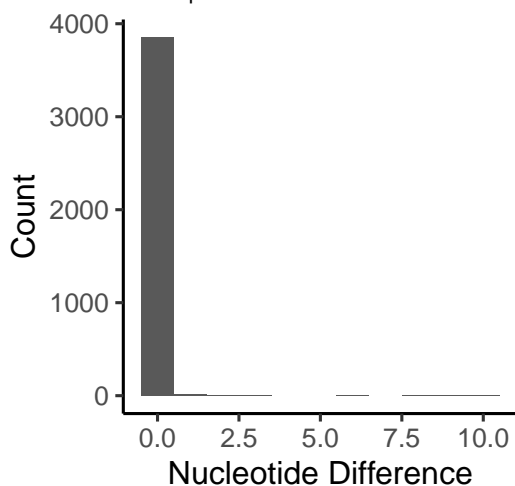
TRBV16*ap01

60 sequences assigned
60 (100%) exact matches, in which:
59 unique CDR3
11 unique J



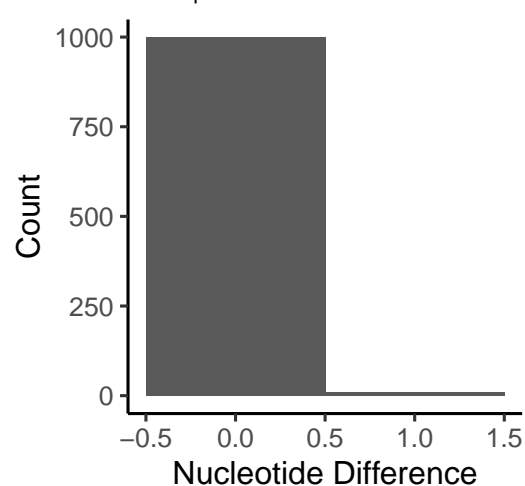
TRBV19*ap01

3881 sequences assigned
3853 (99.3%) exact matches, in which:
3841 unique CDR3
13 unique J



TRBV28*ap01

1008 sequences assigned
999 (99.1%) exact matches, in which:
993 unique CDR3
13 unique J



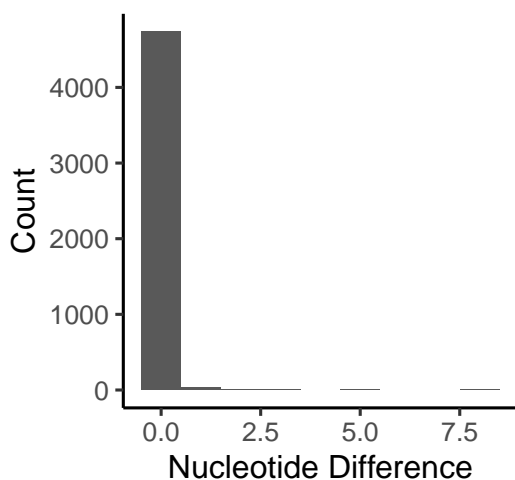
TRBV17*ap01

1 sequences assigned
No exact matches.



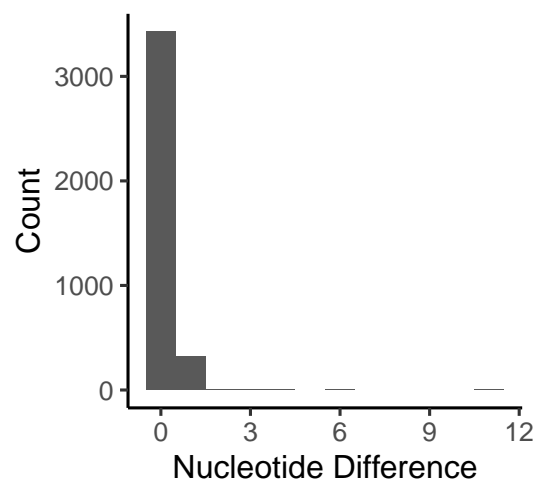
TRBV2*ap01

4773 sequences assigned
4736 (99.2%) exact matches, in which:
4718 unique CDR3
13 unique J



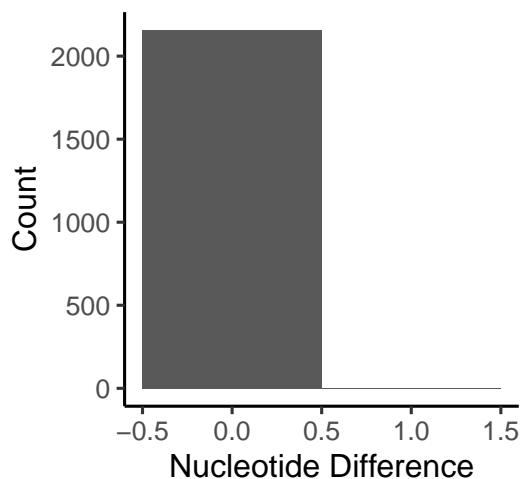
TRBV30*ap01

3760 sequences assigned
3427 (91.1%) exact matches, in which:
3386 unique CDR3
13 unique J



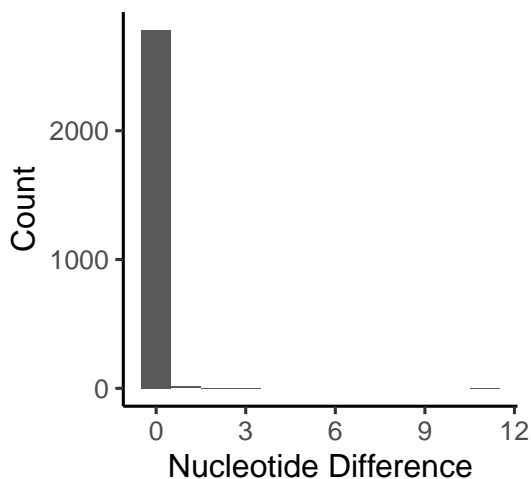
TRBV18*ap01

2159 sequences assigned
2157 (99.9%) exact matches, in which:
2150 unique CDR3
13 unique J



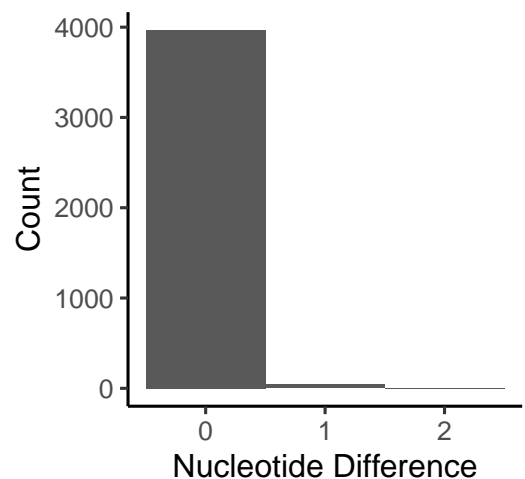
TRBV27*ap01

2801 sequences assigned
2782 (99.3%) exact matches, in which:
2767 unique CDR3
13 unique J



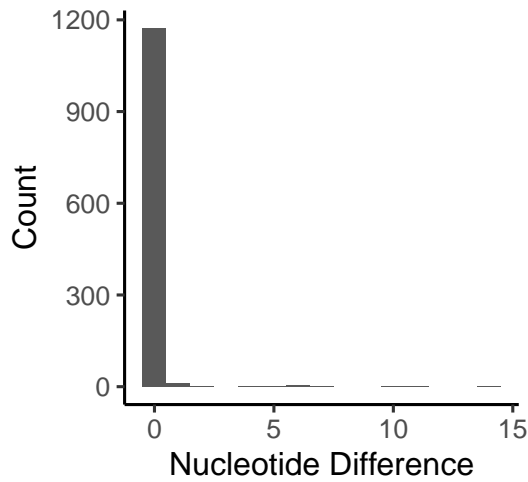
TRBV9*ap01

4012 sequences assigned
3968 (98.9%) exact matches, in which:
3955 unique CDR3
13 unique J



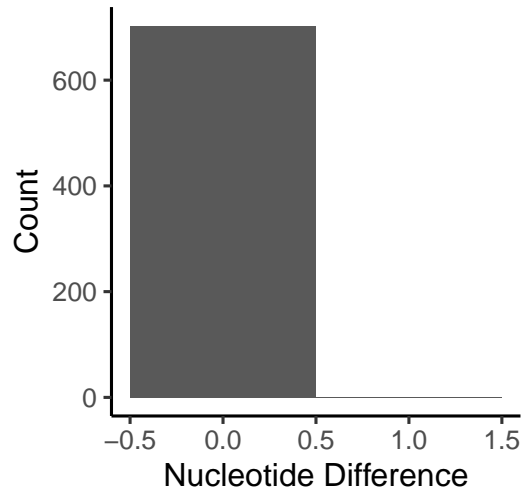
TRBV21-1*ap01

1200 sequences assigned
1172 (97.7%) exact matches, in which:
1168 unique CDR3
14 unique J



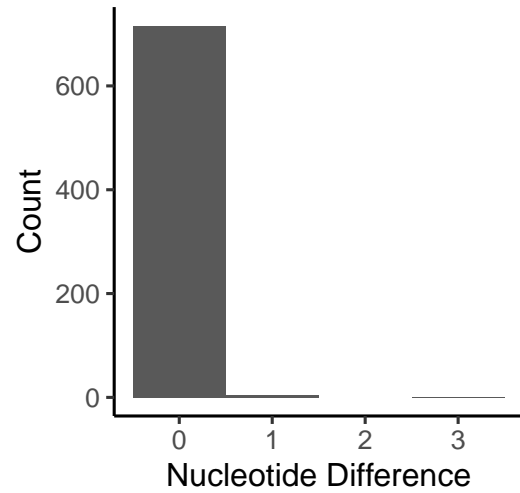
TRBV11-3*ap01

704 sequences assigned
703 (99.9%) exact matches, in which:
703 unique CDR3
13 unique J



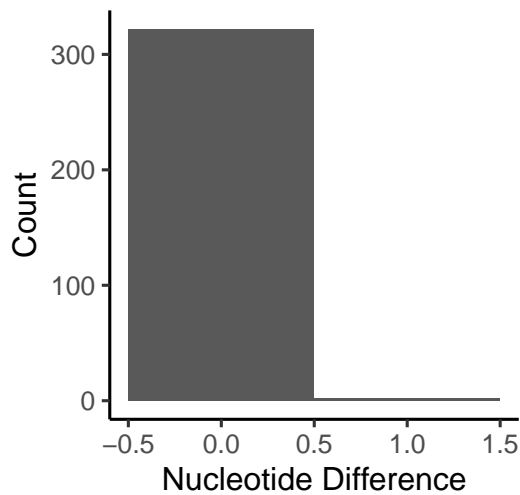
TRBV12-5*ap01

722 sequences assigned
716 (99.2%) exact matches, in which:
711 unique CDR3
13 unique J



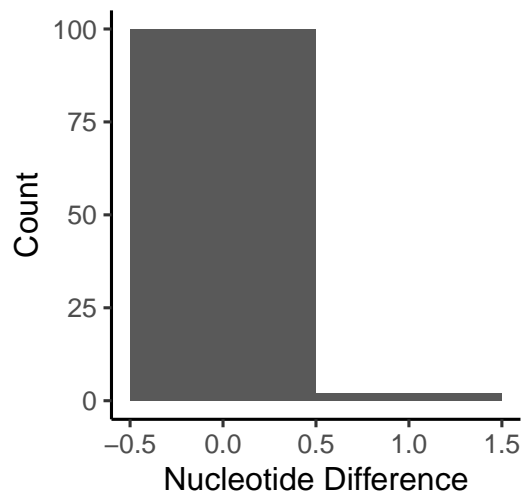
TRBV11-1*ap01

324 sequences assigned
322 (99.4%) exact matches, in which:
322 unique CDR3
13 unique J



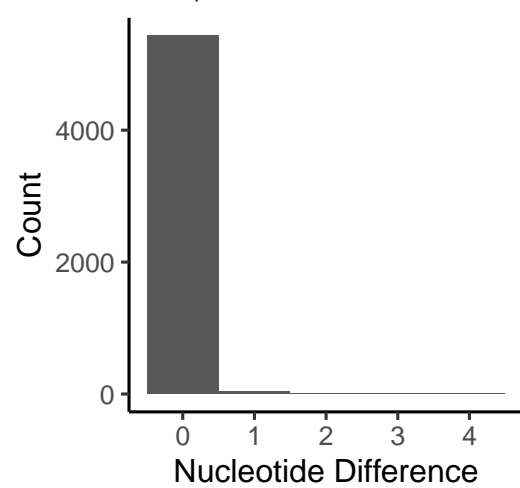
TRBV12-1*ap01

102 sequences assigned
100 (98%) exact matches, in which:
100 unique CDR3
12 unique J



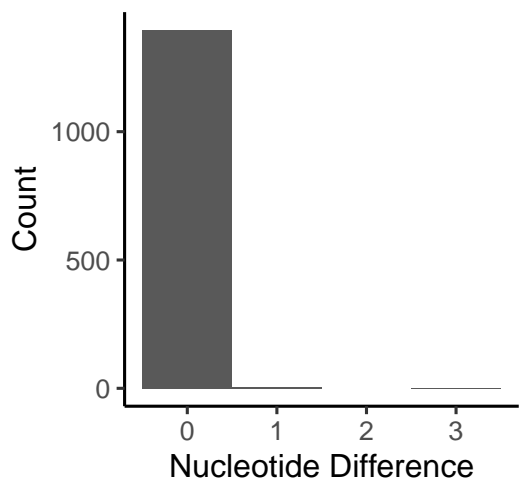
TRBV12-34*ap01

5477 sequences assigned
5432 (99.2%) exact matches, in which:
5401 unique CDR3
13 unique J



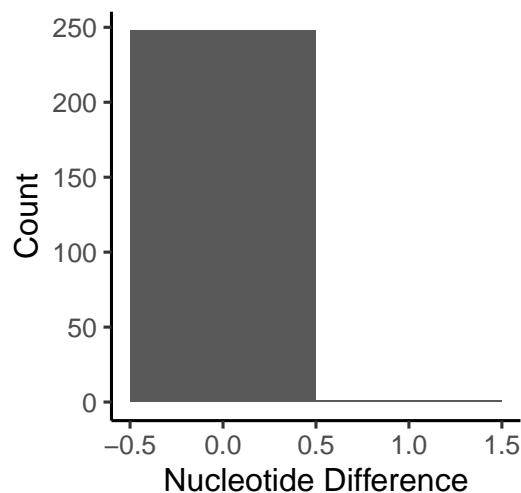
TRBV11-2*ap01

1403 sequences assigned
1396 (99.5%) exact matches, in which:
1392 unique CDR3
13 unique J



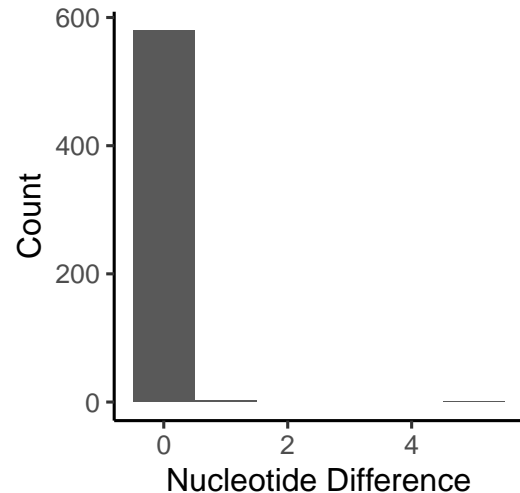
TRBV12-2*ap01

249 sequences assigned
248 (99.6%) exact matches, in which:
248 unique CDR3
13 unique J



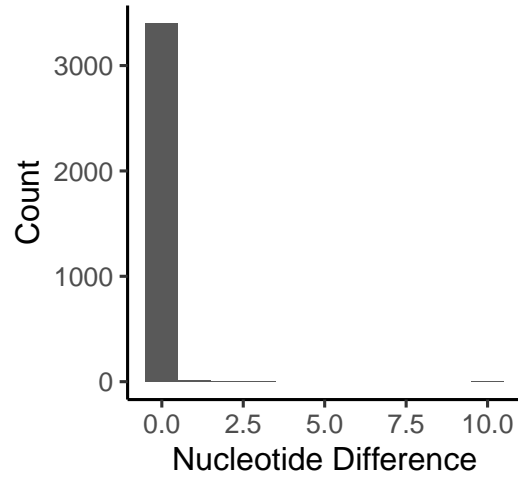
TRBV23-1*ap01

584 sequences assigned
580 (99.3%) exact matches, in which:
578 unique CDR3
13 unique J



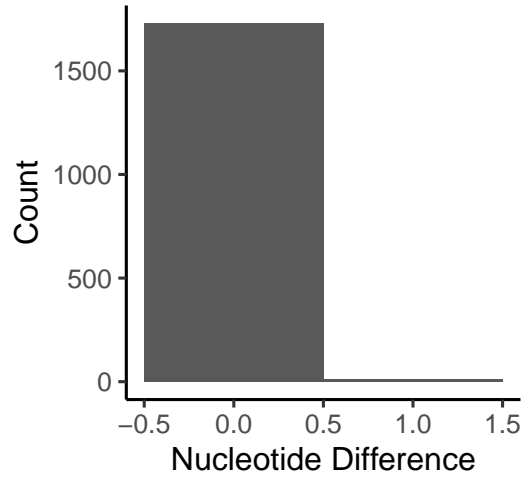
TRBV3-12*ap01

3417 sequences assigned
3400 (99.5%) exact matches, in which:
3391 unique CDR3
13 unique J



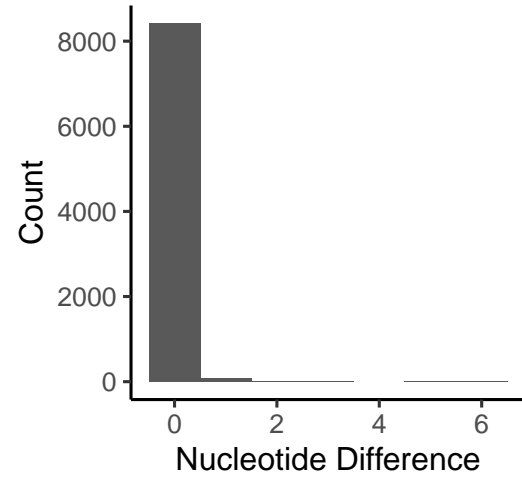
TRBV4-2*ap01

1742 sequences assigned
1729 (99.3%) exact matches, in which:
1718 unique CDR3
13 unique J



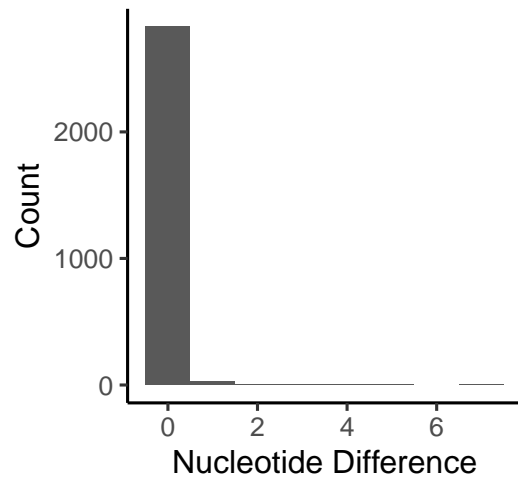
TRBV5-1*ap01

8497 sequences assigned
8417 (99.1%) exact matches, in which:
8353 unique CDR3
14 unique J



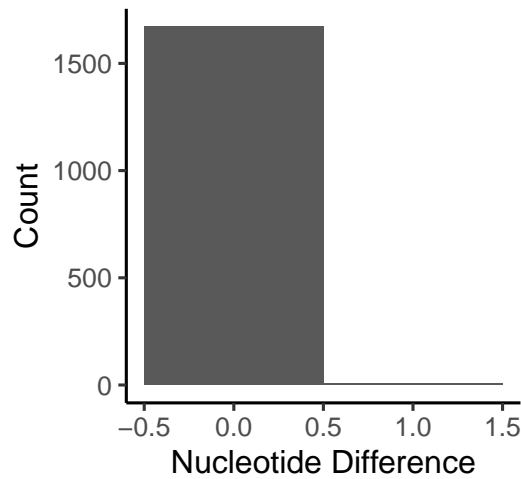
TRBV24-1*ap01

2865 sequences assigned
2831 (98.8%) exact matches, in which:
2819 unique CDR3
13 unique J



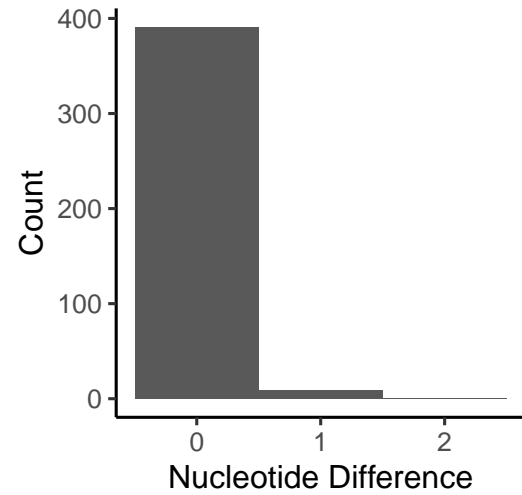
TRBV4-3*ap01

1678 sequences assigned
1671 (99.6%) exact matches, in which:
1664 unique CDR3
13 unique J



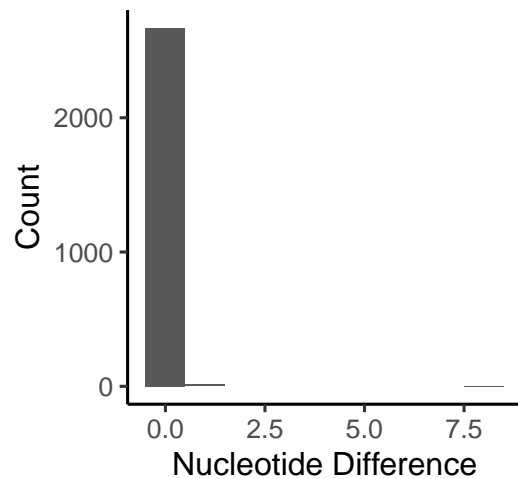
TRBV5-3*ap01

401 sequences assigned
391 (97.5%) exact matches, in which:
390 unique CDR3
13 unique J



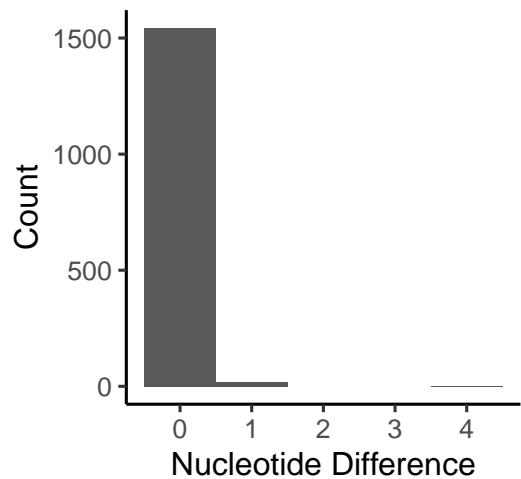
TRBV4-1*ap01

2682 sequences assigned
2668 (99.5%) exact matches, in which:
2657 unique CDR3
13 unique J



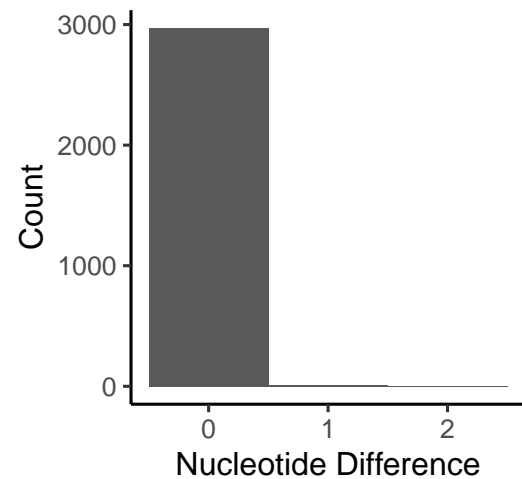
TRBV25-1*ap01

1563 sequences assigned
1543 (98.7%) exact matches, in which:
1528 unique CDR3
13 unique J



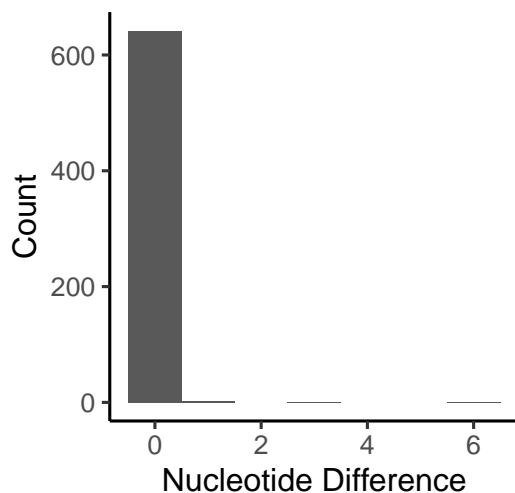
TRBV5-4*ap01

2983 sequences assigned
2971 (99.6%) exact matches, in which:
2961 unique CDR3
13 unique J



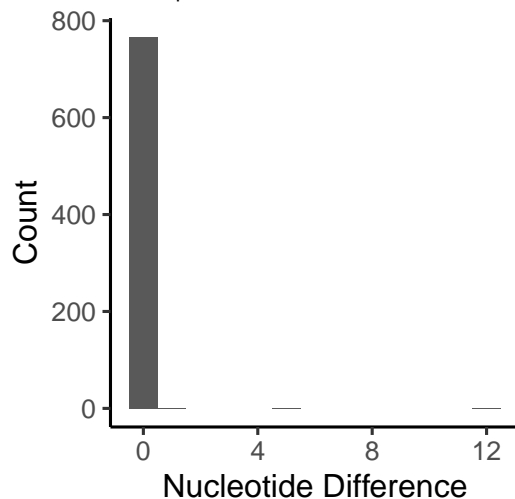
TRBV5-5*ap01

646 sequences assigned
642 (99.4%) exact matches, in which:
639 unique CDR3
13 unique J



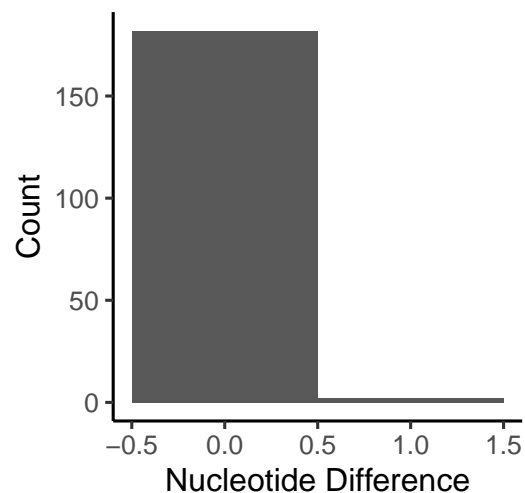
TRBV5-8*ap01

770 sequences assigned
767 (99.6%) exact matches, in which:
761 unique CDR3
13 unique J



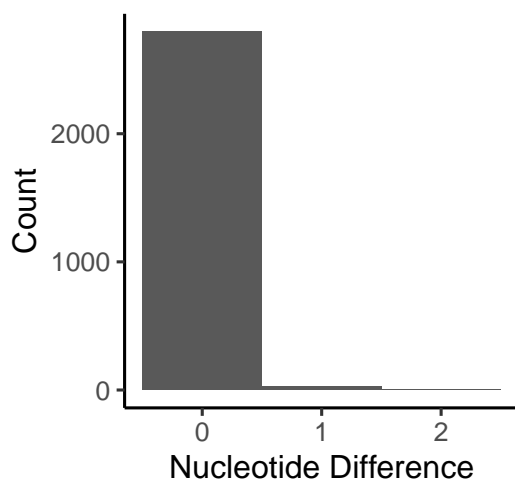
TRBV6-7*ap01

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



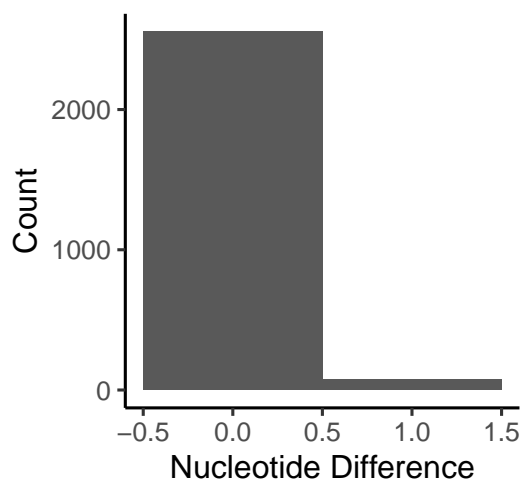
TRBV5-6*ap01

2821 sequences assigned
2796 (99.1%) exact matches, in which:
2769 unique CDR3
13 unique J



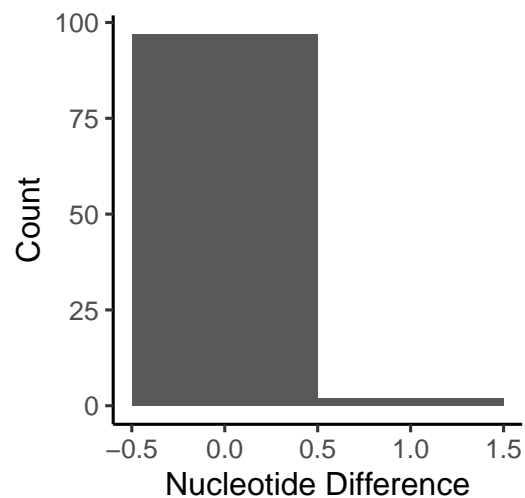
TRBV6-1*ap01

2631 sequences assigned
2555 (97.1%) exact matches, in which:
2539 unique CDR3
13 unique J



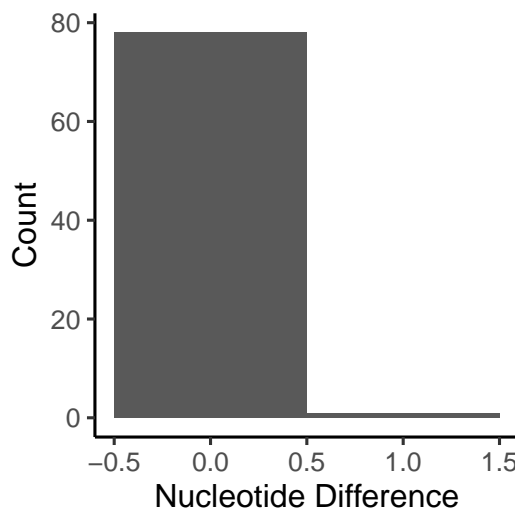
TRBV6-8*ap01

99 sequences assigned
97 (98%) exact matches, in which:
95 unique CDR3
13 unique J



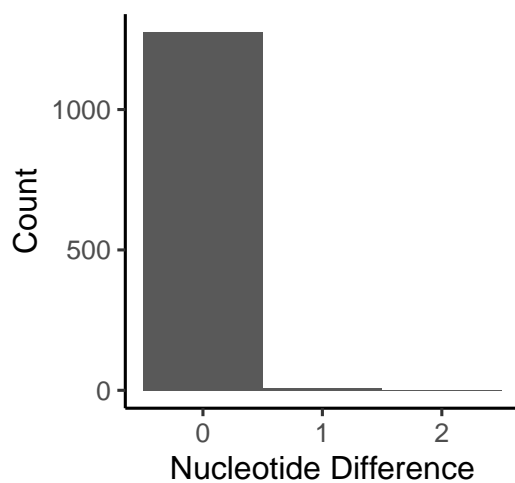
TRBV5-7*ap01

79 sequences assigned
78 (98.7%) exact matches, in which:
77 unique CDR3
13 unique J



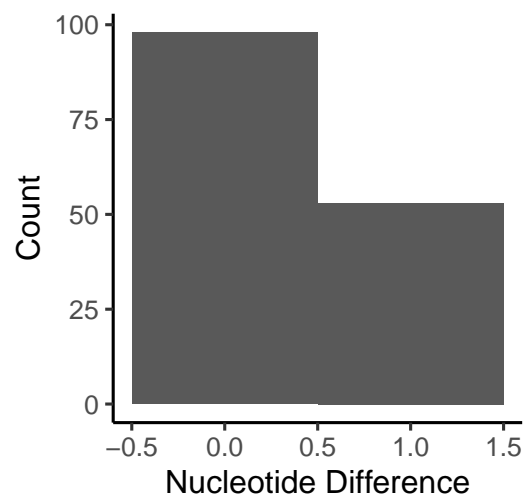
TRBV6-4*ap01

1286 sequences assigned
1276 (99.2%) exact matches, in which:
1273 unique CDR3
13 unique J



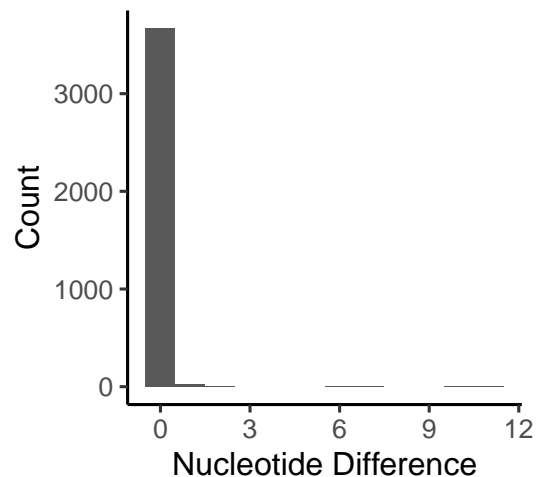
TRBV6-9*ap01

151 sequences assigned
98 (64.9%) exact matches, in which:
97 unique CDR3
12 unique J



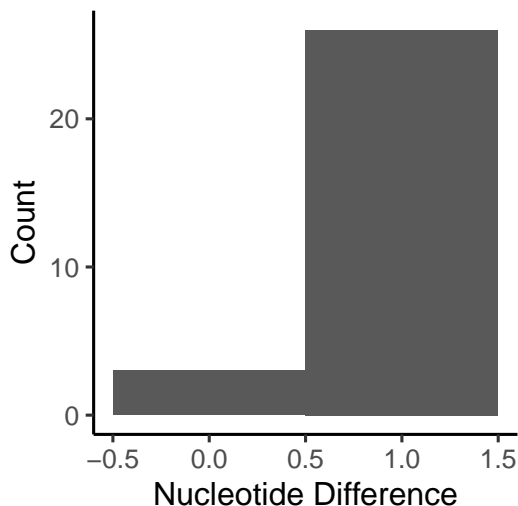
TRBV6-23*ap01

3698 sequences assigned
3668 (99.2%) exact matches, in which:
3637 unique CDR3
13 unique J



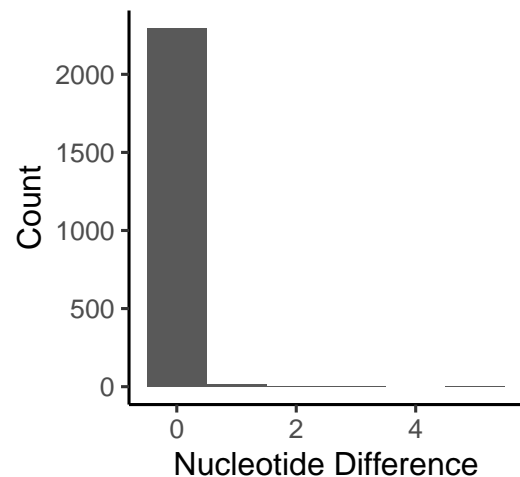
TRBV7-1*ap01_T296C

29 sequences assigned
3 (10.3%) exact matches, in which:
3 unique CDR3
3 unique J



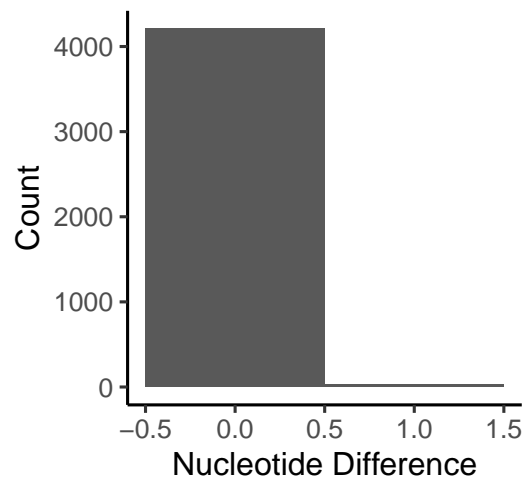
TRBV7-3*ap01

2315 sequences assigned
2294 (99.1%) exact matches, in which:
2290 unique CDR3
13 unique J



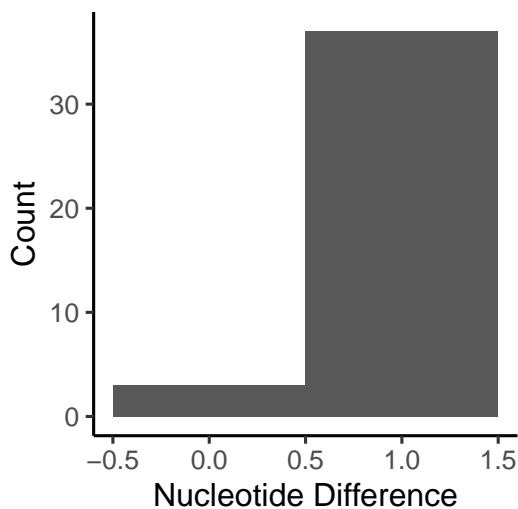
TRBV6-56*ap01

4233 sequences assigned
4209 (99.4%) exact matches, in which:
4171 unique CDR3
13 unique J



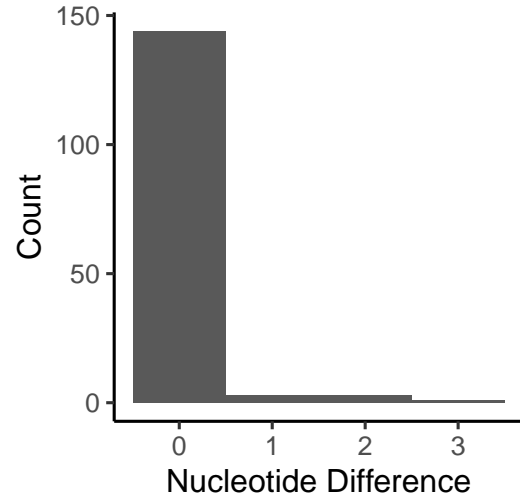
TRBV7-1*ap01_T296C_C

40 sequences assigned
3 (7.5%) exact matches, in which:
3 unique CDR3
3 unique J



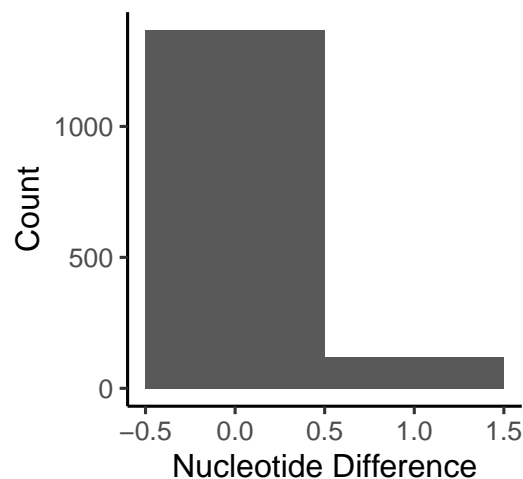
TRBV7-4*ap01

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



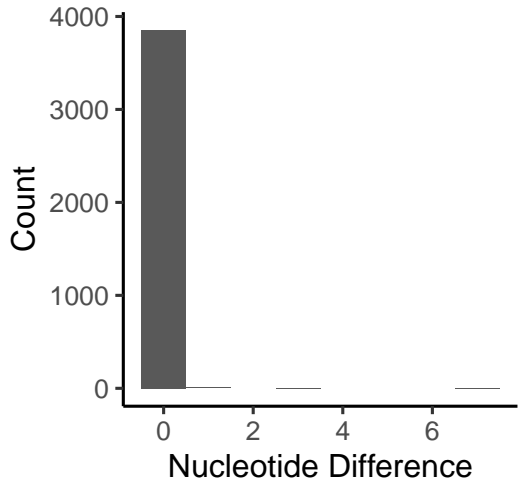
TRBV6-56*ap02

1488 sequences assigned
1368 (91.9%) exact matches, in which:
1356 unique CDR3
13 unique J



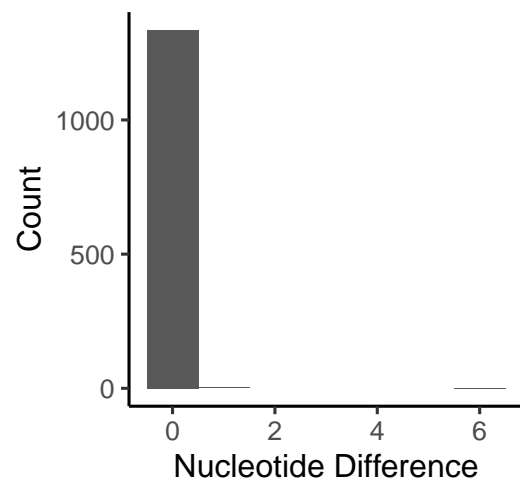
TRBV7-2*ap01

3866 sequences assigned
3854 (99.7%) exact matches, in which:
3840 unique CDR3
13 unique J



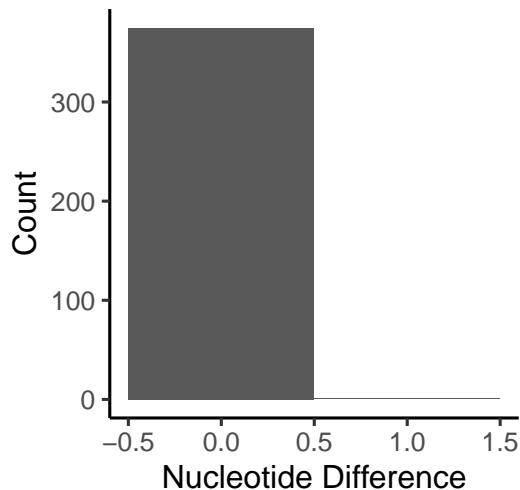
TRBV7-6*ap01

1339 sequences assigned
1335 (99.7%) exact matches, in which:
1334 unique CDR3
13 unique J



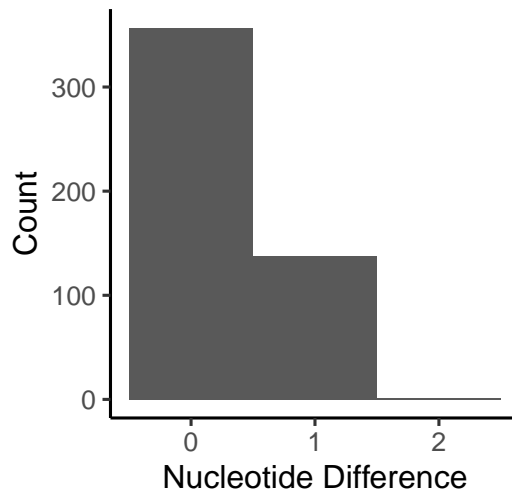
TRBV7-7*ap01

376 sequences assigned
375 (99.7%) exact matches, in which:
371 unique CDR3
13 unique J



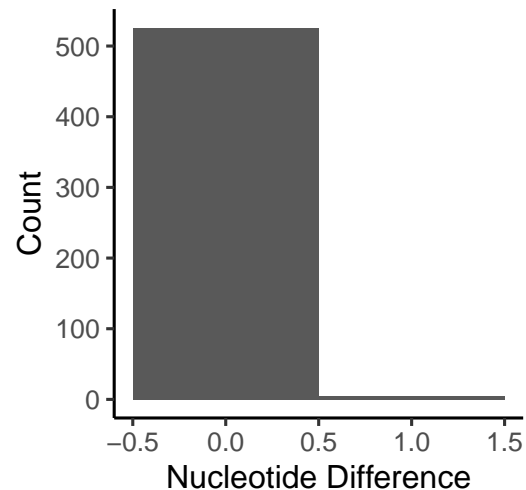
TRBV7-8*ap03

496 sequences assigned
357 (72%) exact matches, in which:
354 unique CDR3
13 unique J



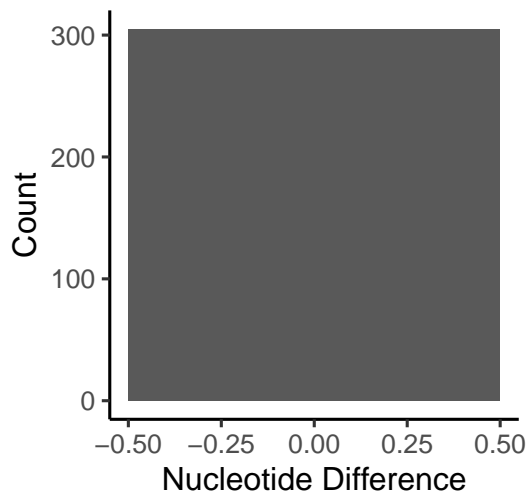
TRBV29-1*ap02

531 sequences assigned
526 (99.1%) exact matches, in which:
525 unique CDR3
13 unique J



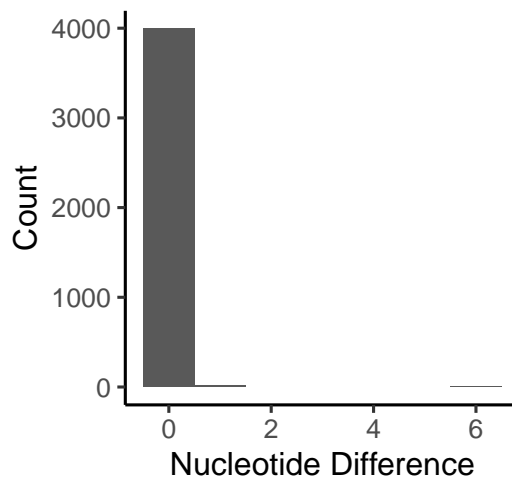
TRBV7-7*ap01_C315T

305 sequences assigned
305 (100%) exact matches, in which:
305 unique CDR3
13 unique J



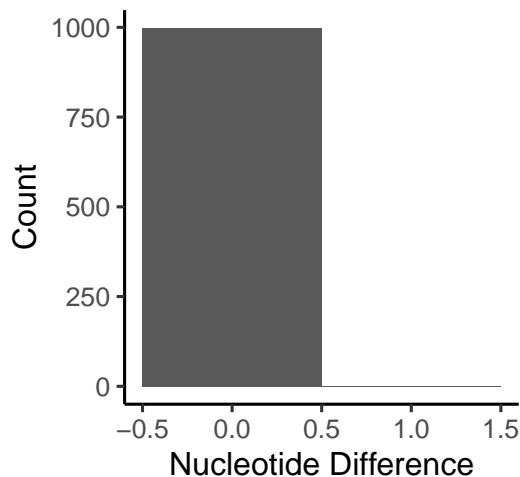
TRBV7-9*ap01

4017 sequences assigned
3994 (99.4%) exact matches, in which:
3977 unique CDR3
13 unique J



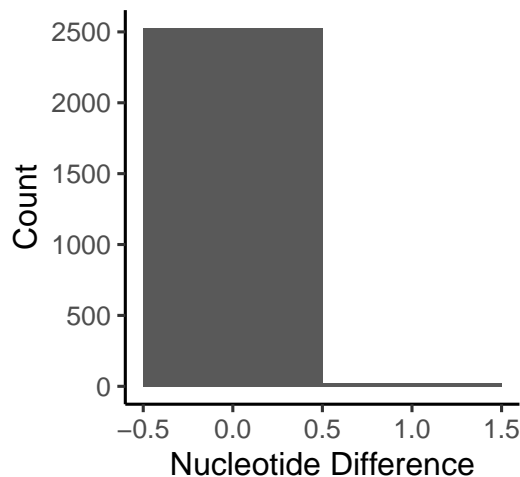
TRBV7-8*ap01

999 sequences assigned
998 (99.9%) exact matches, in which:
998 unique CDR3
13 unique J

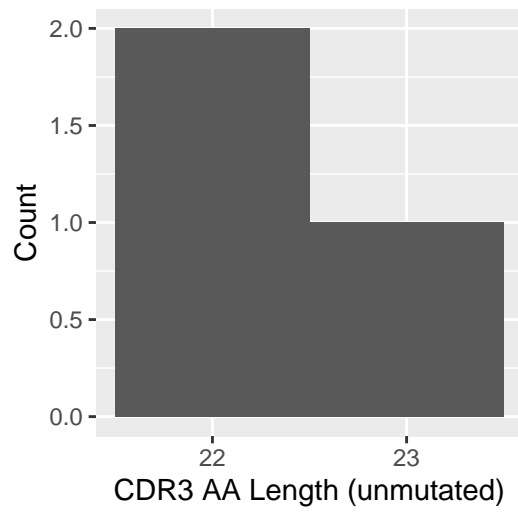


TRBV29-1*ap01

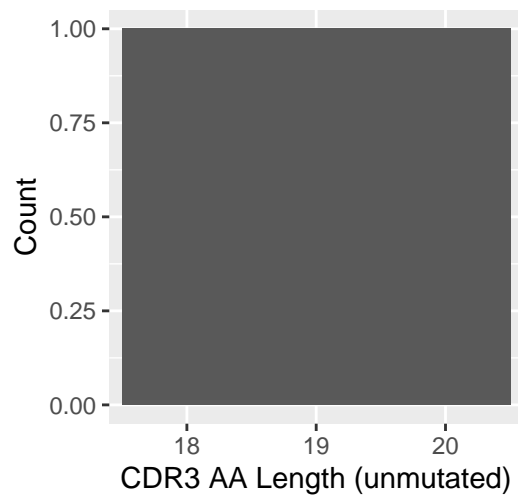
2549 sequences assigned
2527 (99.1%) exact matches, in which:
2501 unique CDR3
13 unique J



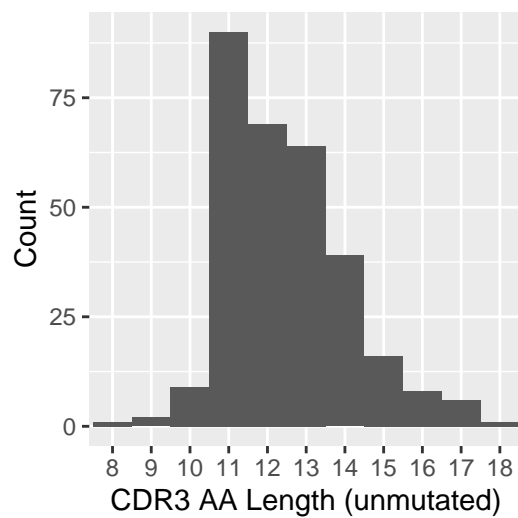
TRBV7-1*ap01_T296C



TRBV7-1*ap01_T296C_C314T



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.