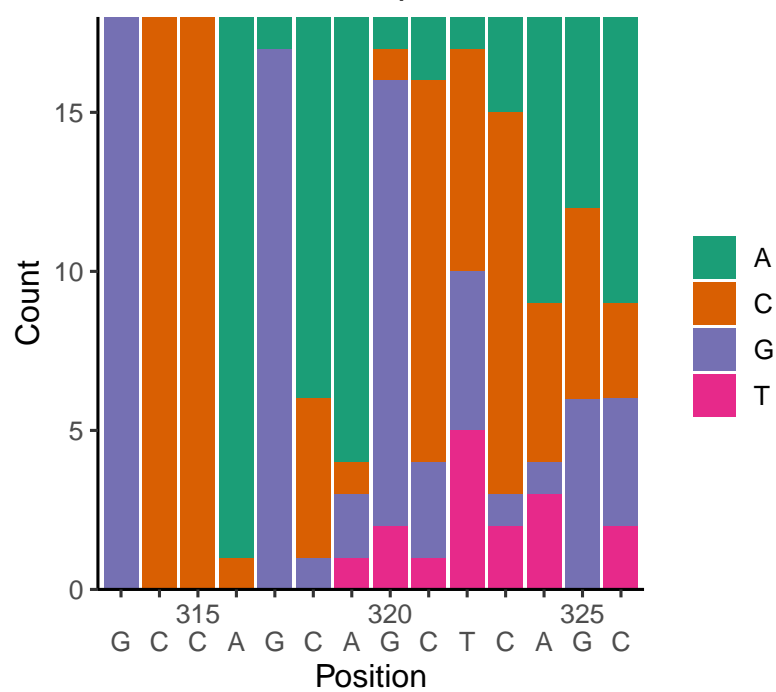
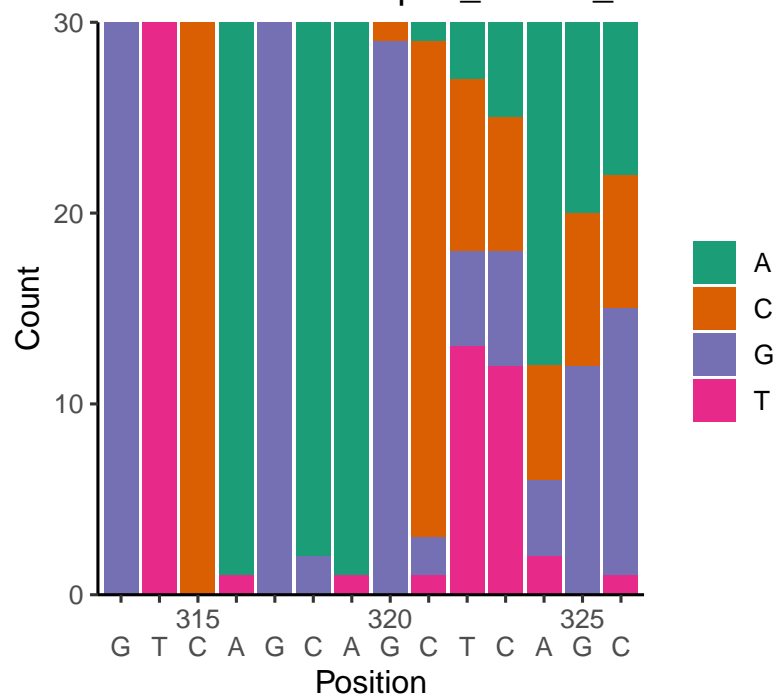


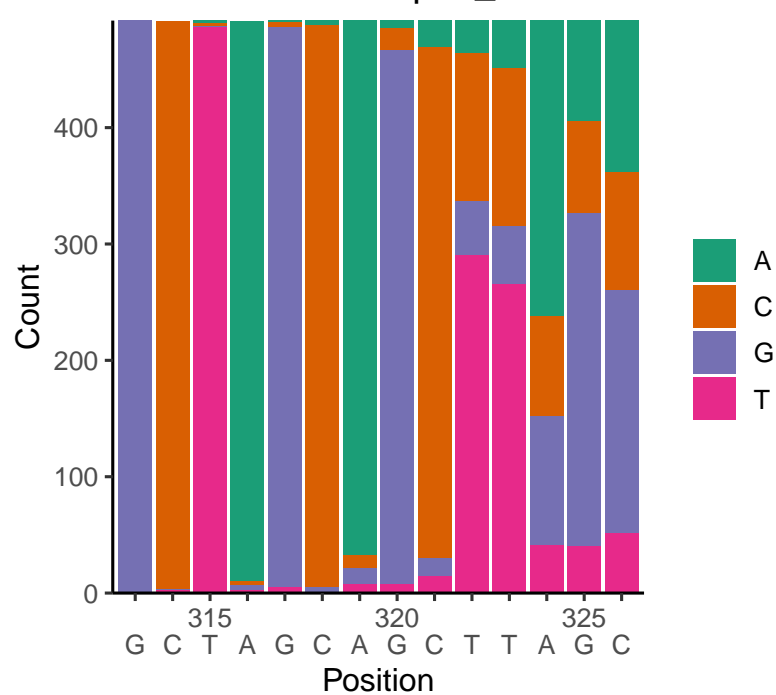
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-7*ap01_C315T



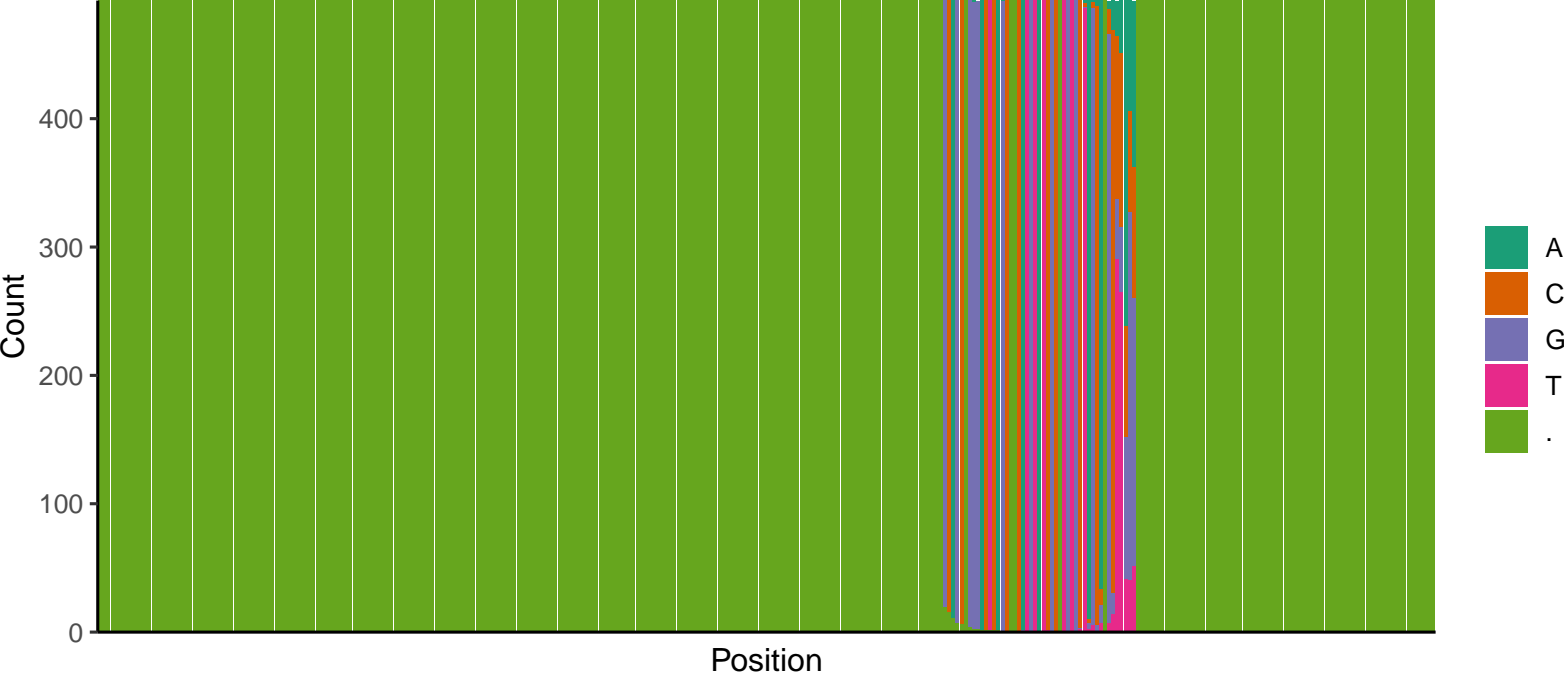
Gene TRBV7-1*ap01_T296C



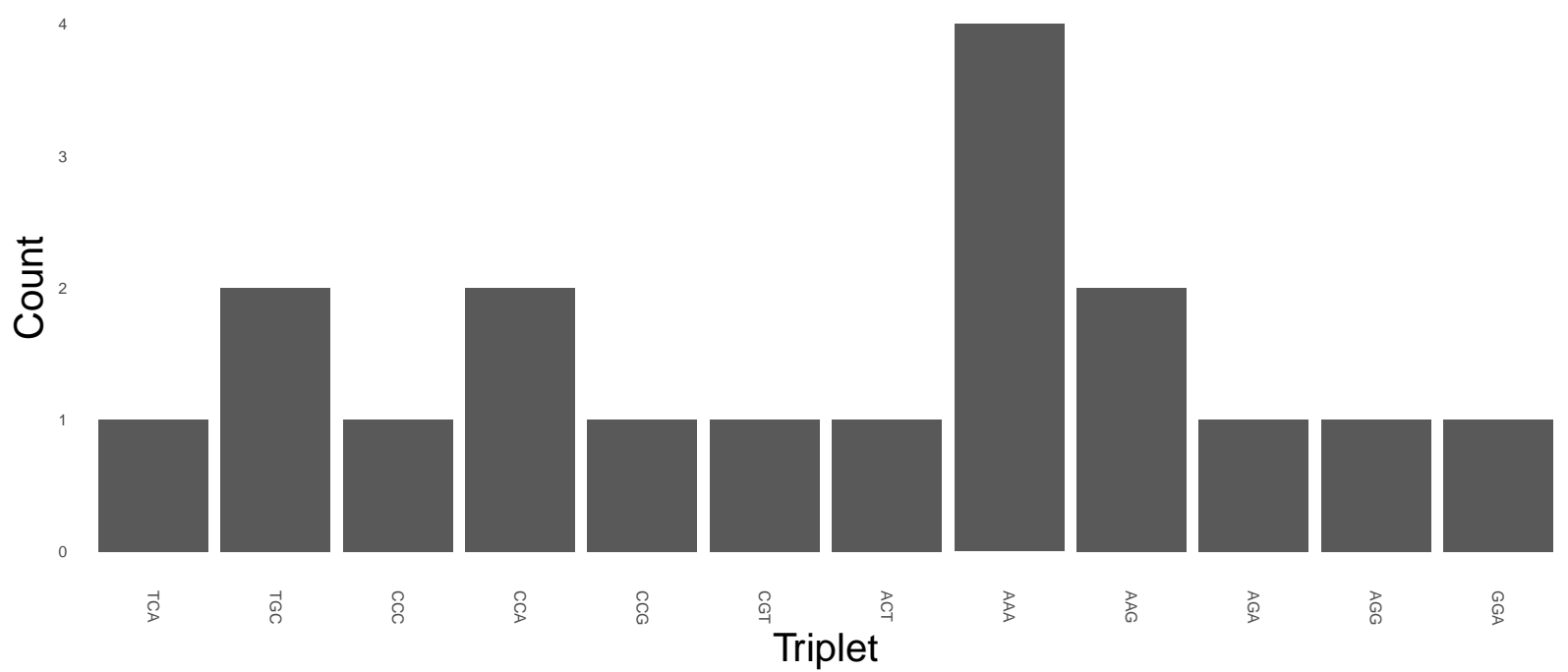
Gene TRBV7-1*ap01_T296C_C314T



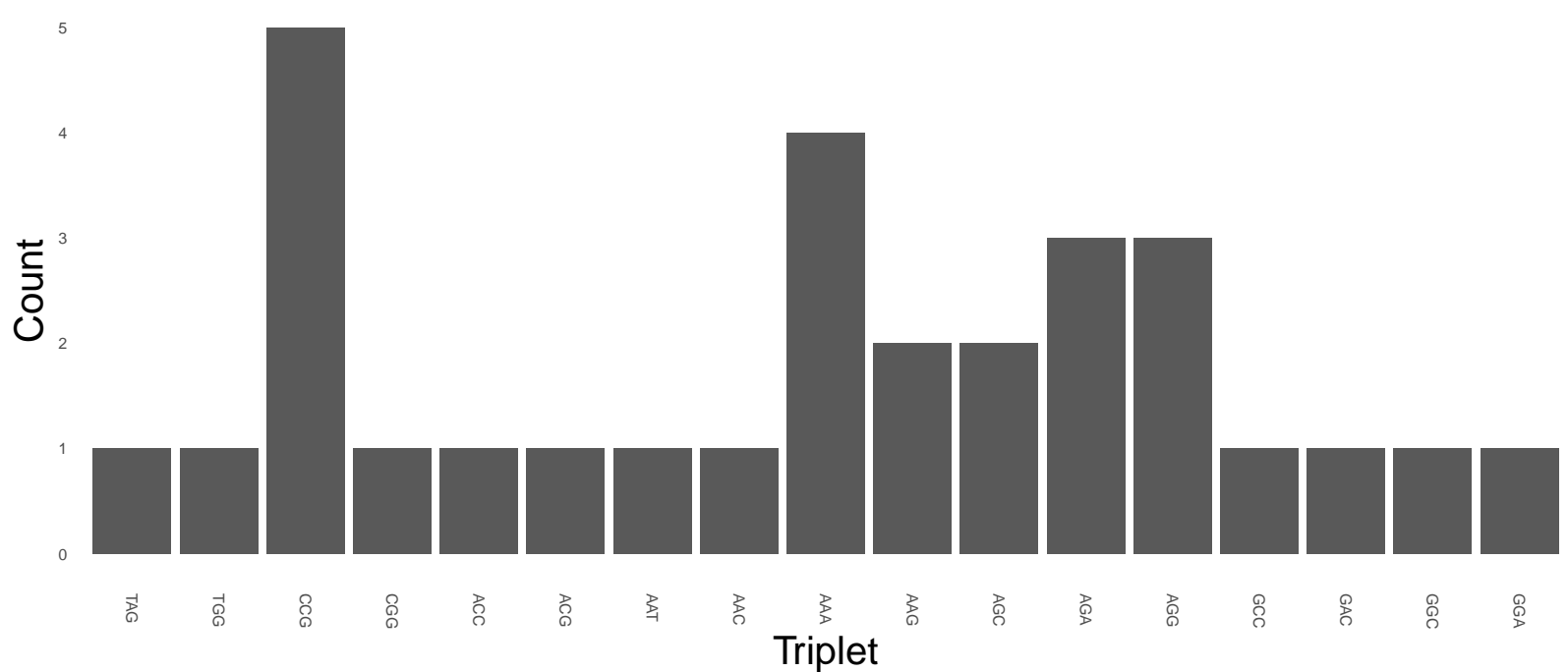
Gene TRBV7-7*ap01_C315T



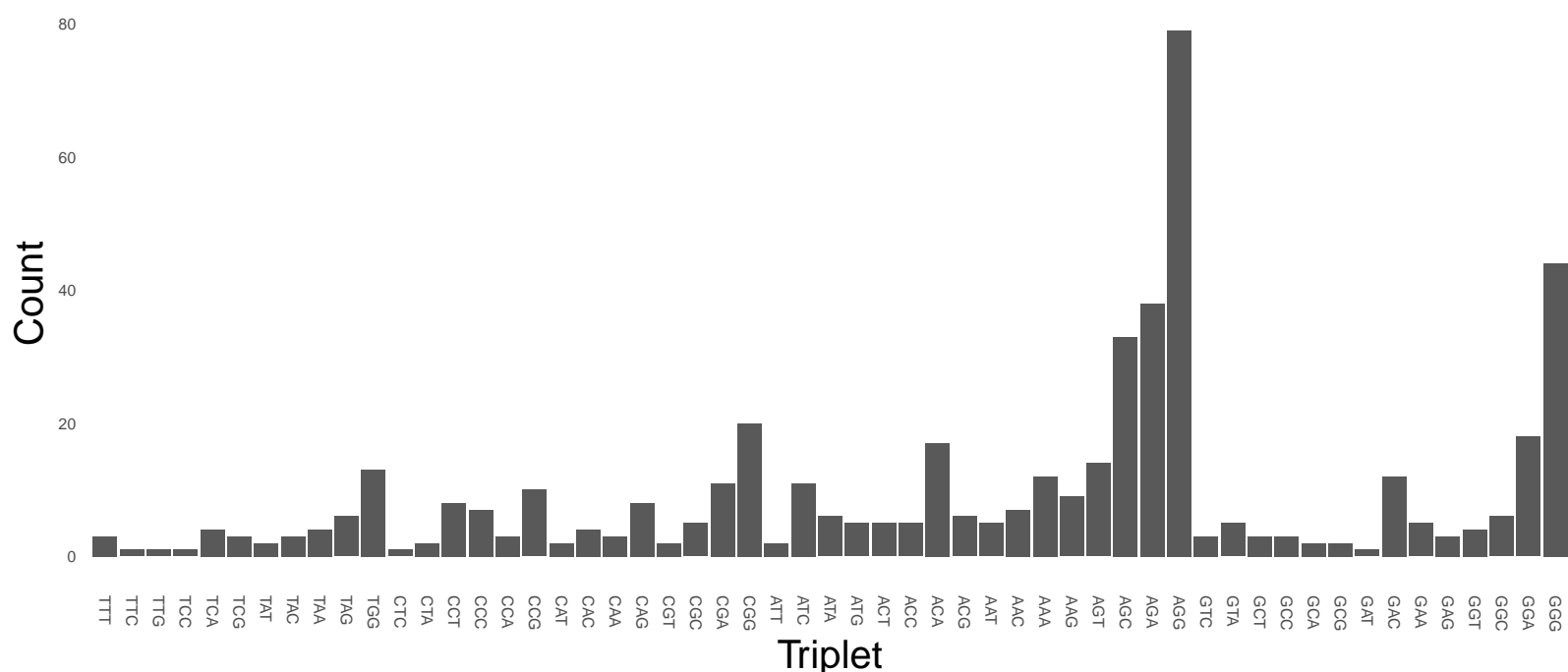
TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



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

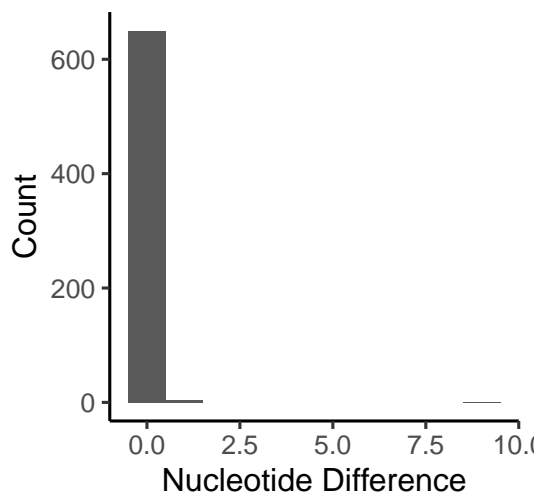


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



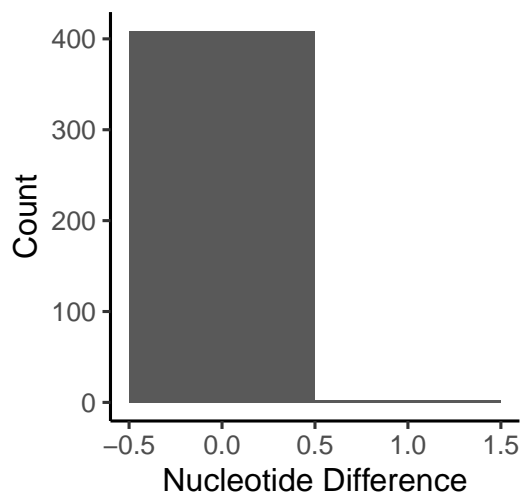
TRBV10–1*ap01

655 sequences assigned
650 (99.2%) exact matches, in which:
645 unique CDR3
13 unique J



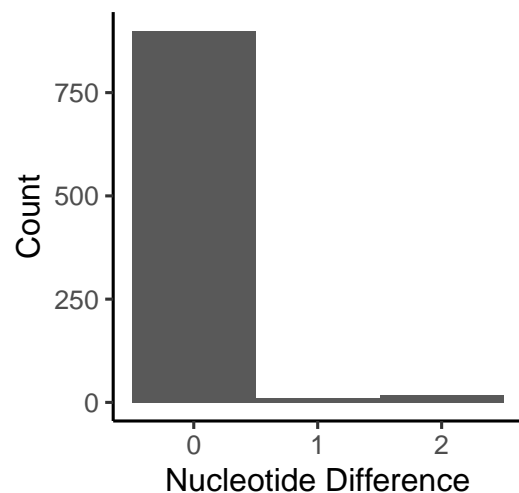
TRBV10–2*ap01

412 sequences assigned
409 (99.3%) exact matches, in which:
408 unique CDR3
13 unique J



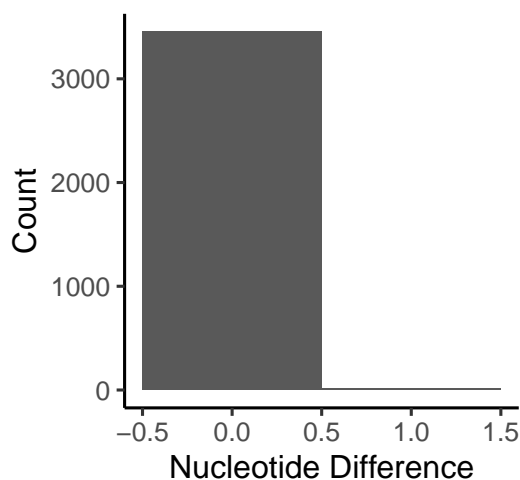
TRBV13*ap01

927 sequences assigned
900 (97.1%) exact matches, in which:
891 unique CDR3
13 unique J



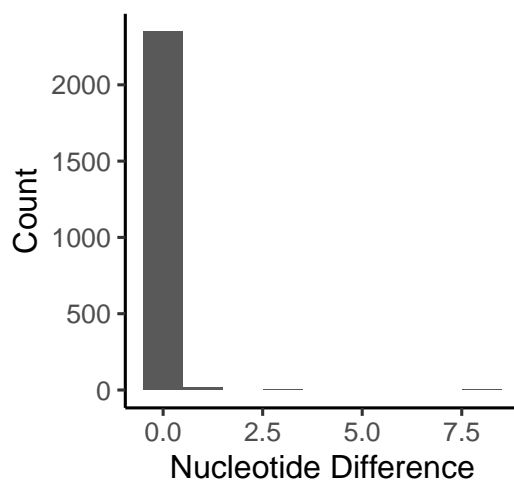
TRBV20–1*ap01

3472 sequences assigned
3454 (99.5%) exact matches, in which:
3451 unique CDR3
13 unique J



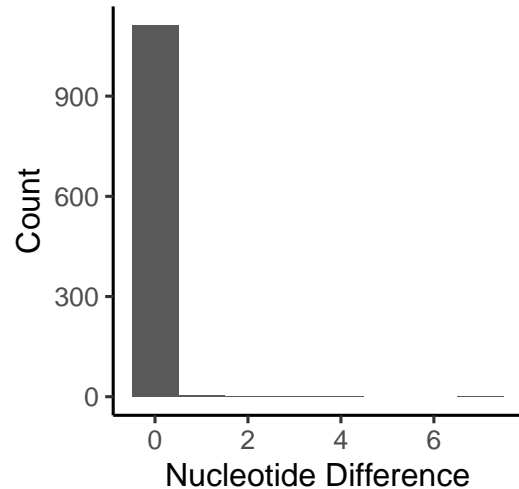
TRBV10–3*ap01

2364 sequences assigned
2348 (99.3%) exact matches, in which:
2340 unique CDR3
13 unique J



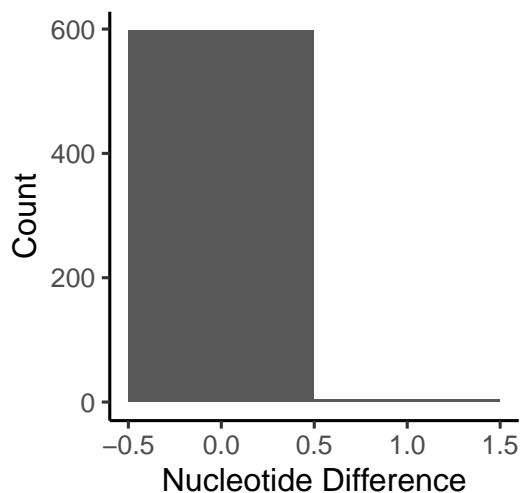
TRBV14*ap01

1122 sequences assigned
1113 (99.2%) exact matches, in which:
1111 unique CDR3
13 unique J



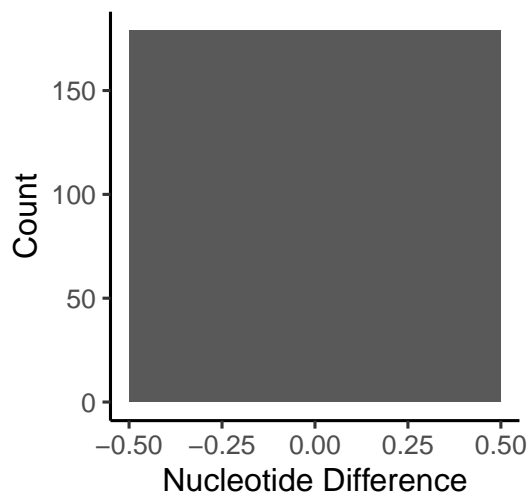
TRBV20–1*ap02

602 sequences assigned
598 (99.3%) exact matches, in which:
596 unique CDR3
13 unique J



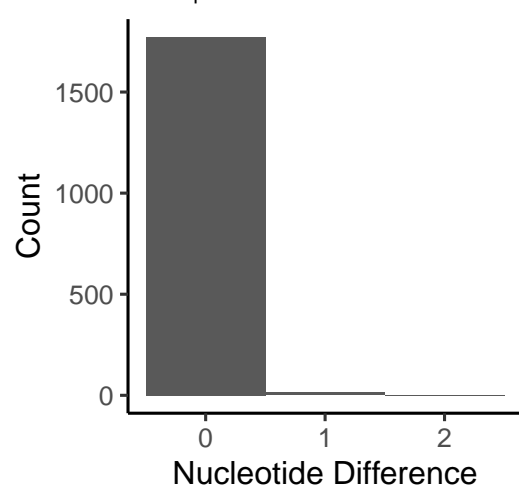
TRBV1*ap01

179 sequences assigned
179 (100%) exact matches, in which:
178 unique CDR3
13 unique J



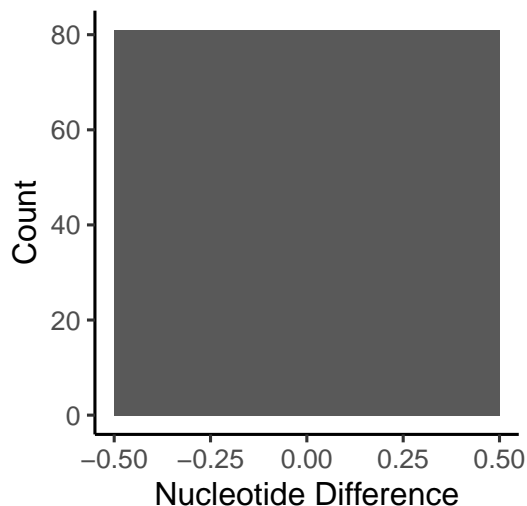
TRBV15*ap02

1787 sequences assigned
1772 (99.2%) exact matches, in which:
1767 unique CDR3
13 unique J



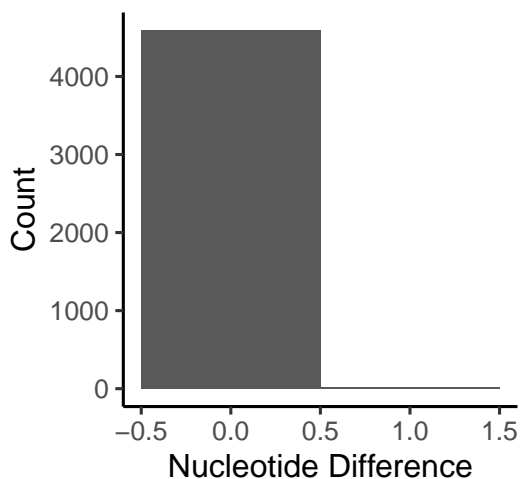
TRBV16*ap01

81 sequences assigned
81 (100%) exact matches, in which:
81 unique CDR3
11 unique J



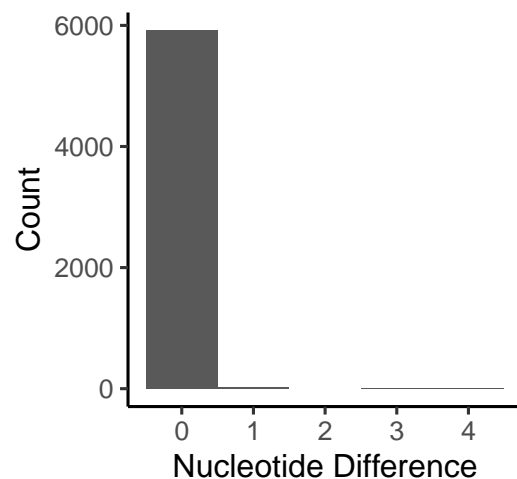
TRBV19*ap01

4610 sequences assigned
4590 (99.6%) exact matches, in which:
4584 unique CDR3
13 unique J



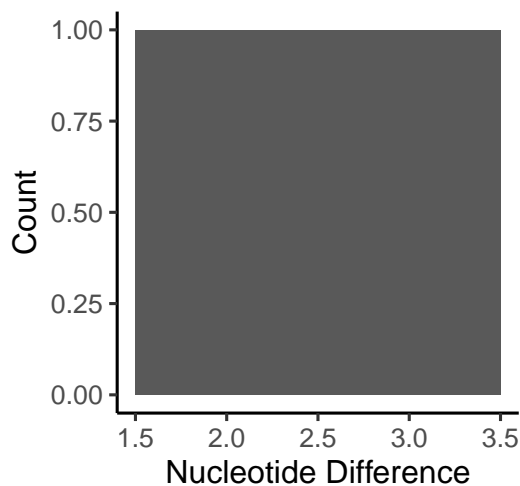
TRBV28*ap01

5942 sequences assigned
5917 (99.6%) exact matches, in which:
5892 unique CDR3
13 unique J



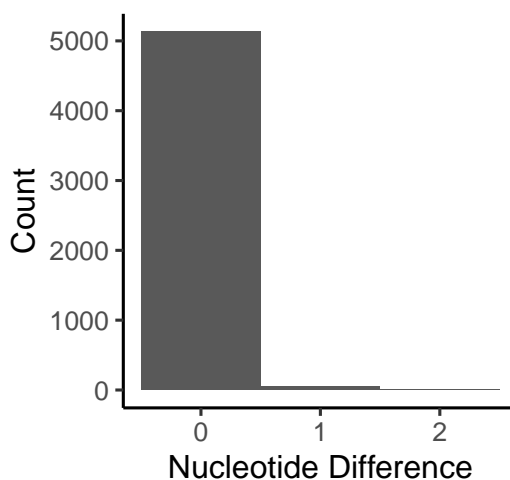
TRBV17*ap01

2 sequences assigned
No exact matches.



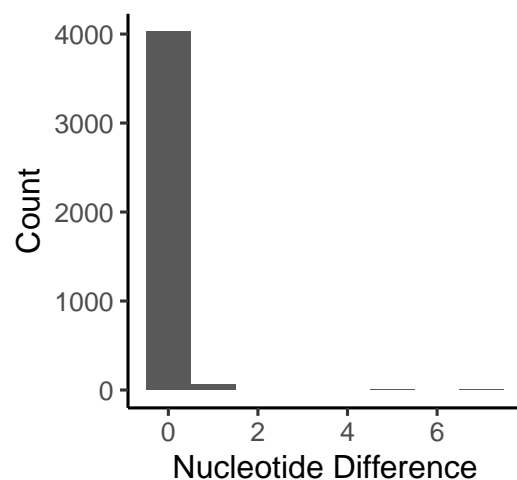
TRBV2*ap01

5181 sequences assigned
5131 (99%) exact matches, in which:
5098 unique CDR3
13 unique J



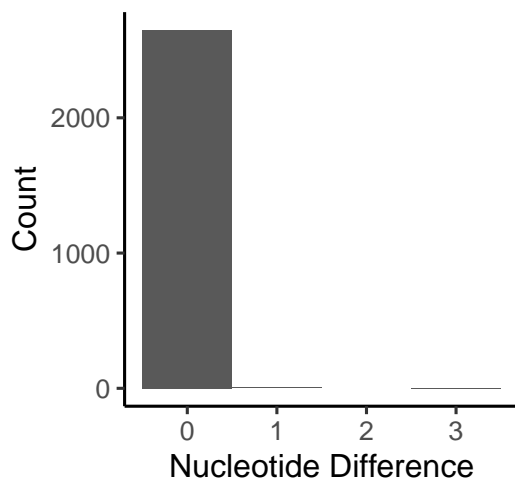
TRBV30*ap02

4087 sequences assigned
4026 (98.5%) exact matches, in which:
3980 unique CDR3
13 unique J



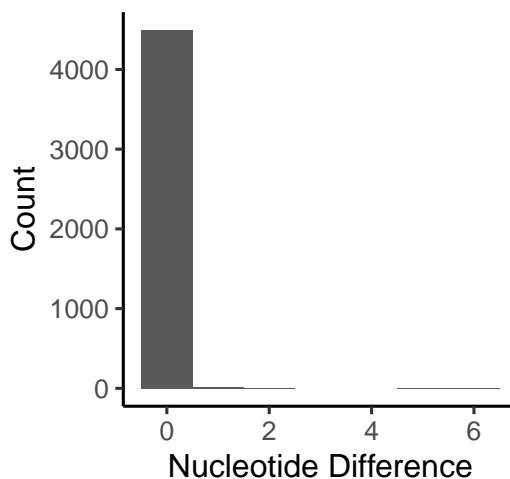
TRBV18*ap01

2658 sequences assigned
2649 (99.7%) exact matches, in which:
2646 unique CDR3
13 unique J



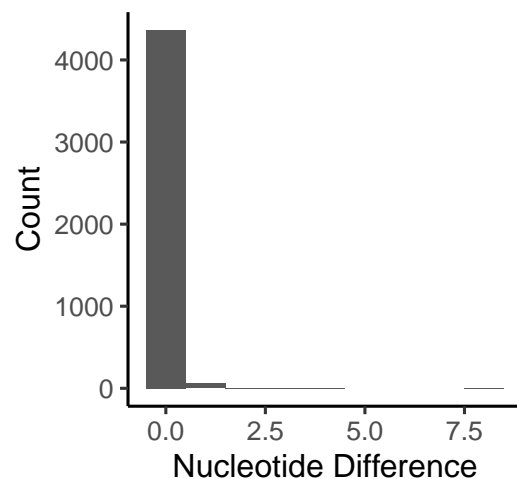
TRBV27*ap01

4520 sequences assigned
4494 (99.4%) exact matches, in which:
4472 unique CDR3
13 unique J



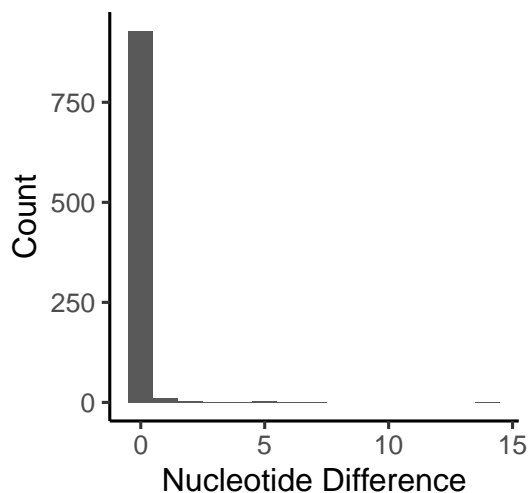
TRBV9*ap01

4432 sequences assigned
4364 (98.5%) exact matches, in which:
4341 unique CDR3
13 unique J



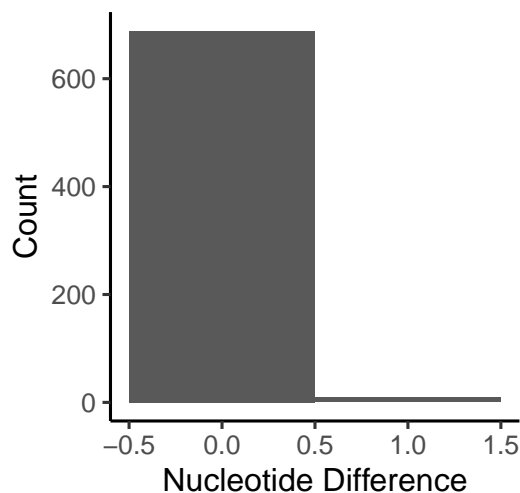
TRBV21–1*ap01

954 sequences assigned
929 (97.4%) exact matches, in which:
929 unique CDR3
13 unique J



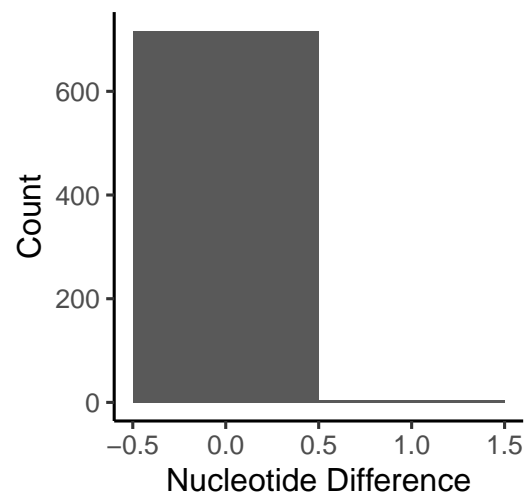
TRBV11–3*ap01

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



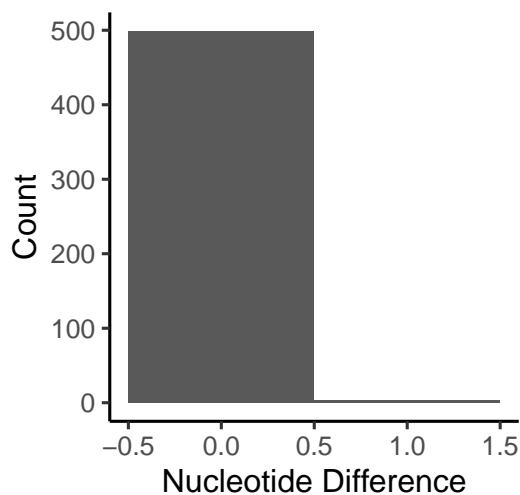
TRBV12–5*ap01

722 sequences assigned
717 (99.3%) exact matches, in which:
716 unique CDR3
13 unique J



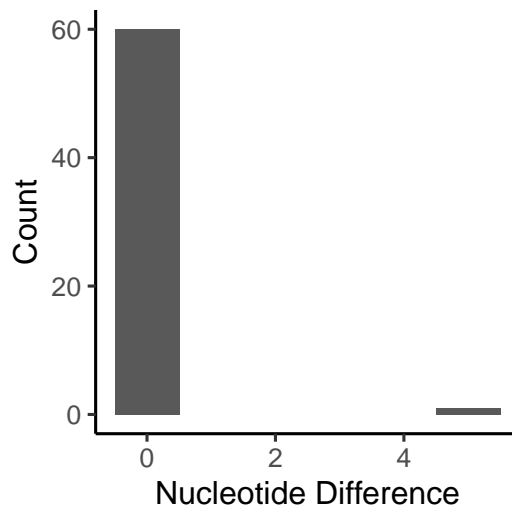
TRBV11–1*ap01

502 sequences assigned
499 (99.4%) exact matches, in which:
494 unique CDR3
13 unique J



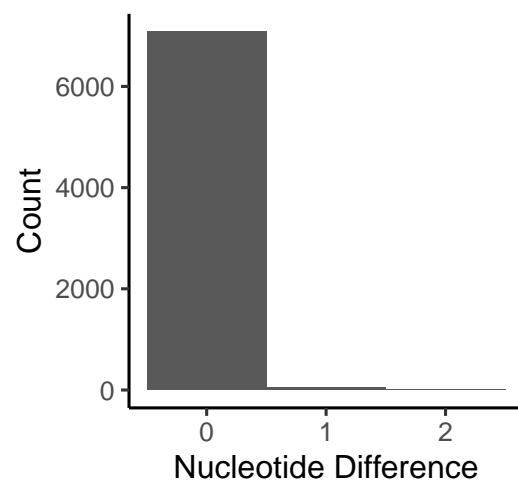
TRBV12–1*ap01

61 sequences assigned
60 (98.4%) exact matches, in which:
60 unique CDR3
13 unique J



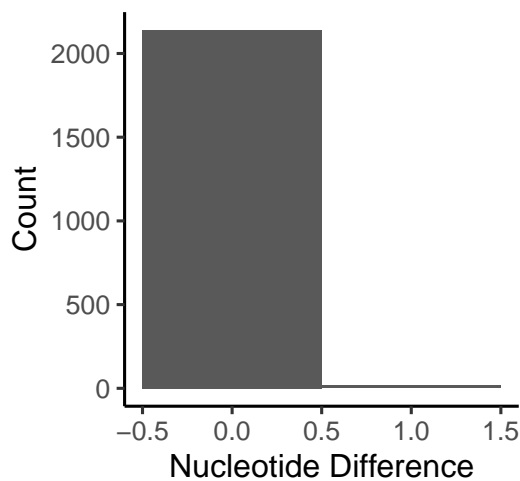
TRBV12–34*ap01

7131 sequences assigned
7081 (99.3%) exact matches, in which:
7044 unique CDR3
13 unique J



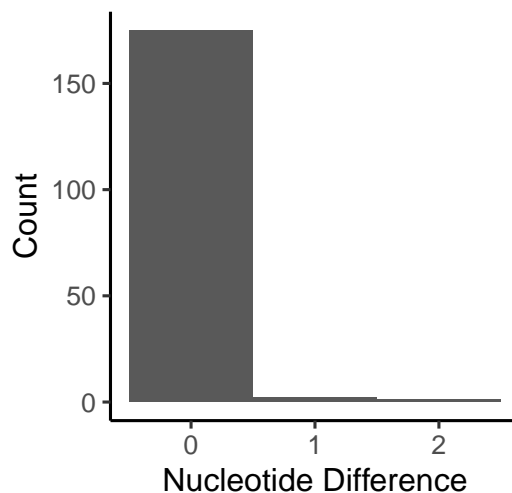
TRBV11–2*ap01

2157 sequences assigned
2140 (99.2%) exact matches, in which:
2132 unique CDR3
13 unique J



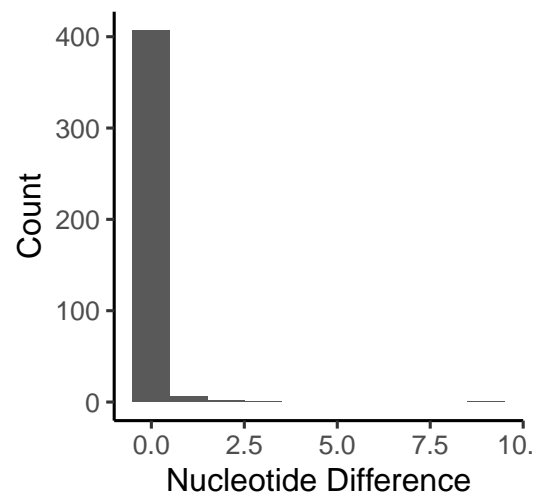
TRBV12–2*ap01

178 sequences assigned
175 (98.3%) exact matches, in which:
174 unique CDR3
12 unique J



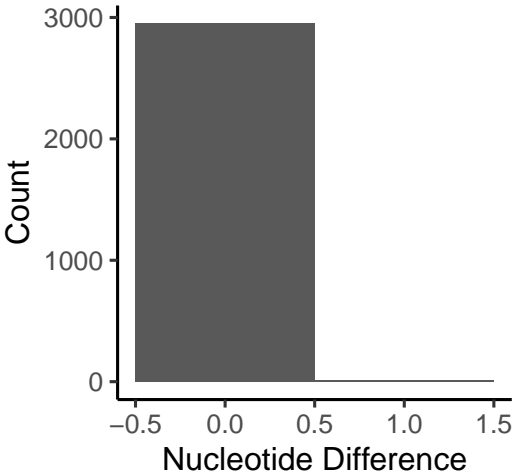
TRBV23–1*ap01

417 sequences assigned
407 (97.6%) exact matches, in which:
404 unique CDR3
13 unique J



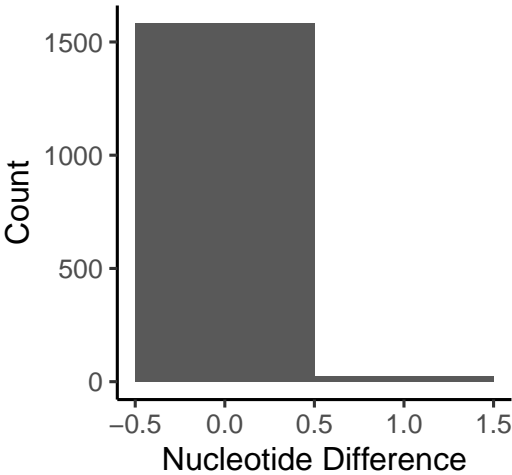
TRBV3-12*ap01

2961 sequences assigned
2951 (99.7%) exact matches, in which:
2944 unique CDR3
13 unique J



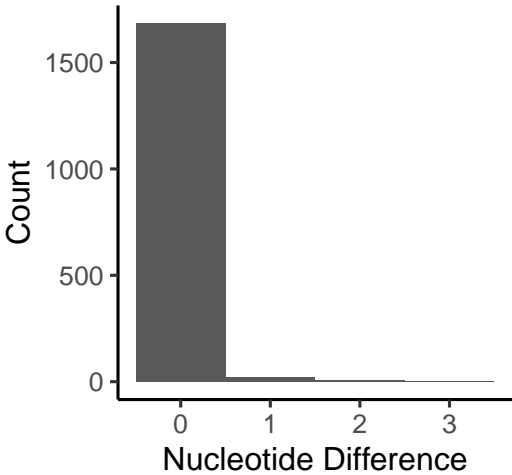
TRBV4-2*ap01

1607 sequences assigned
1582 (98.4%) exact matches, in which:
1575 unique CDR3
13 unique J



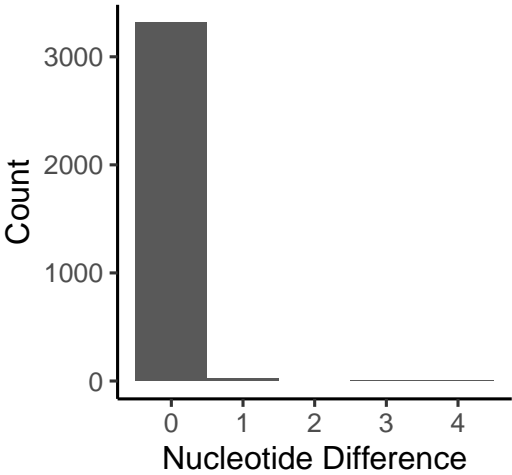
TRBV25-1*ap01

1711 sequences assigned
1684 (98.4%) exact matches, in which:
1667 unique CDR3
13 unique J



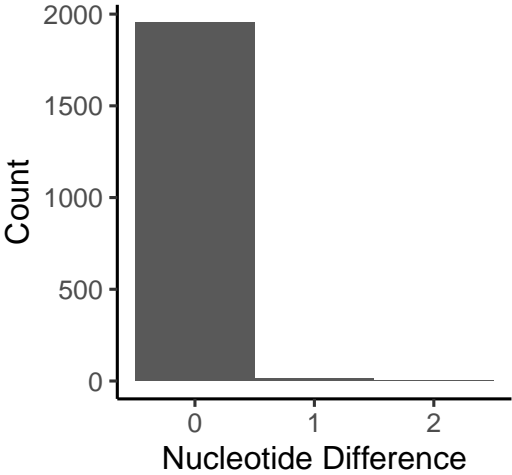
TRBV24-1*ap01

3341 sequences assigned
3315 (99.2%) exact matches, in which:
3289 unique CDR3
13 unique J



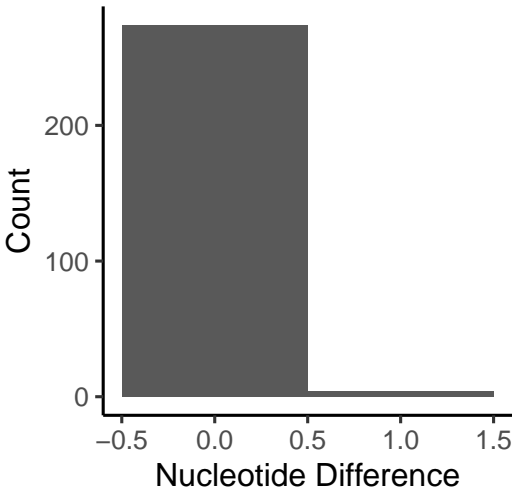
TRBV4-3*ap01

1968 sequences assigned
1953 (99.2%) exact matches, in which:
1945 unique CDR3
13 unique J



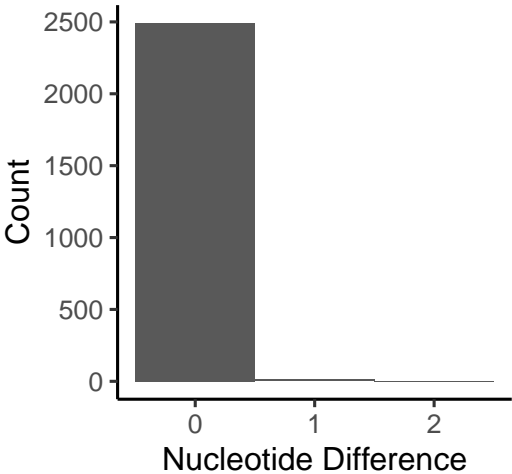
TRBV5-3*ap01

278 sequences assigned
274 (98.6%) exact matches, in which:
273 unique CDR3
13 unique J



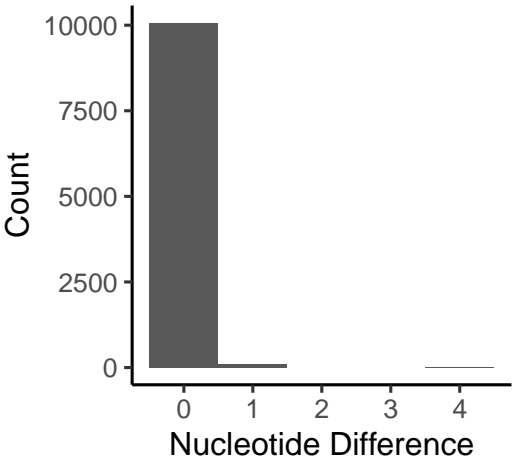
TRBV4-1*ap01

2505 sequences assigned
2492 (99.5%) exact matches, in which:
2475 unique CDR3
13 unique J



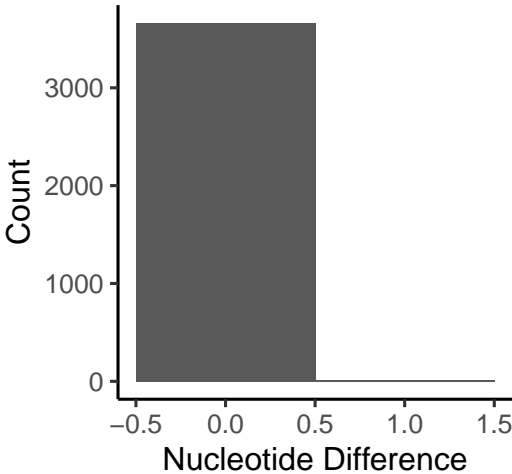
TRBV5-1*ap01

10168 sequences assigned
10070 (99%) exact matches, in which:
10021 unique CDR3
13 unique J



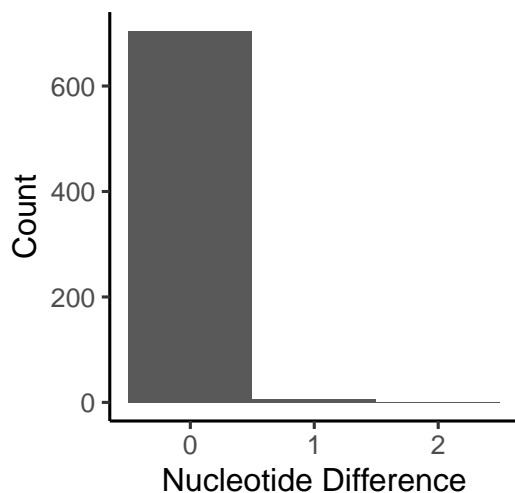
TRBV5-4*ap01

3678 sequences assigned
3662 (99.6%) exact matches, in which:
3645 unique CDR3
14 unique J



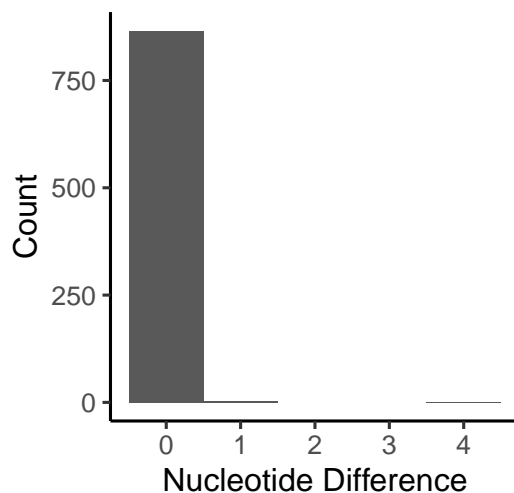
TRBV5-5*ap01

712 sequences assigned
705 (99%) exact matches, in which:
702 unique CDR3
13 unique J



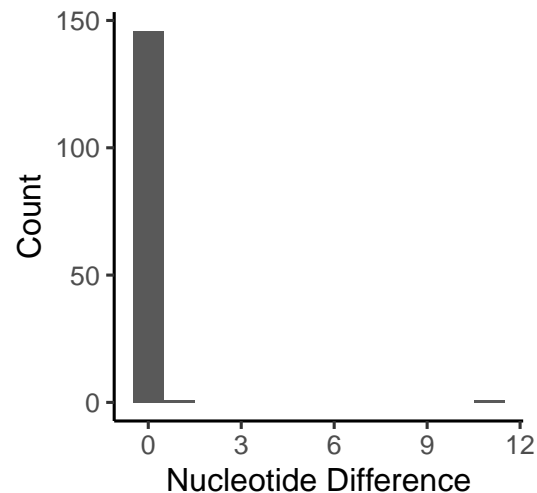
TRBV5-8*ap01

871 sequences assigned
866 (99.4%) exact matches, in which:
861 unique CDR3
13 unique J



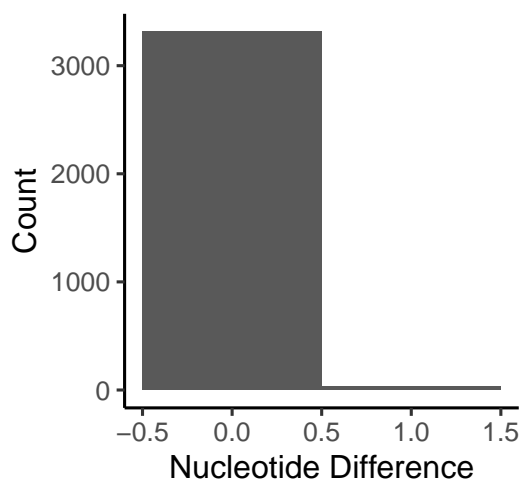
TRBV6-7*ap01

148 sequences assigned
146 (98.6%) exact matches, in which:
145 unique CDR3
13 unique J



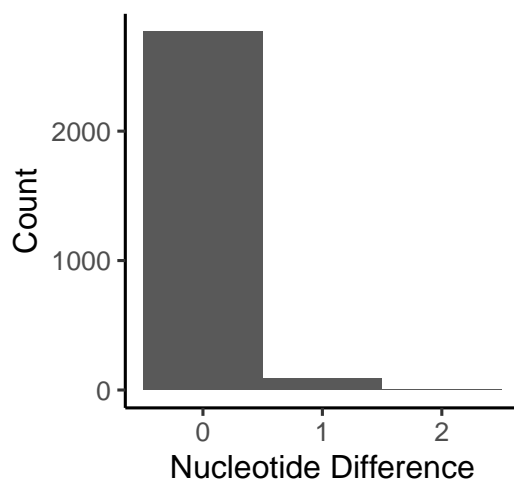
TRBV5-6*ap01

3347 sequences assigned
3314 (99%) exact matches, in which:
3298 unique CDR3
13 unique J



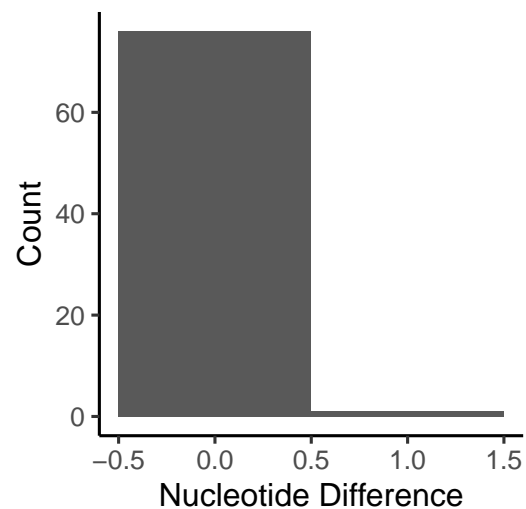
TRBV6-1*ap01

2859 sequences assigned
2768 (96.8%) exact matches, in which:
2749 unique CDR3
13 unique J



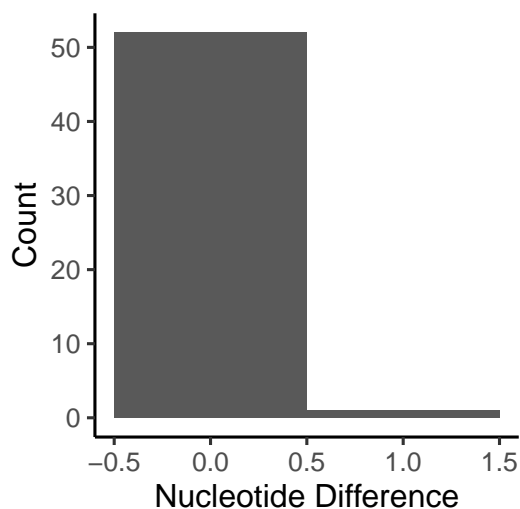
TRBV6-8*ap01

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



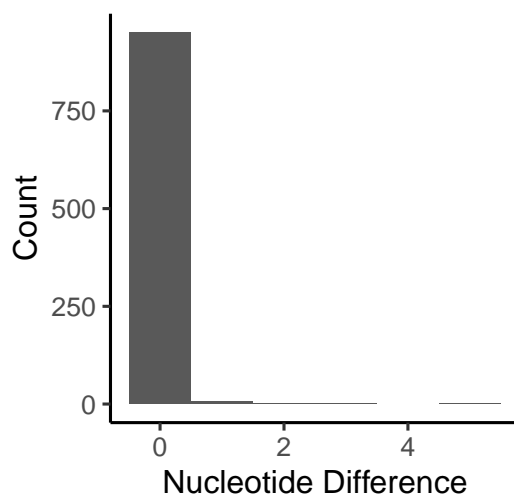
TRBV5-7*ap01

53 sequences assigned
52 (98.1%) exact matches, in which:
51 unique CDR3
11 unique J



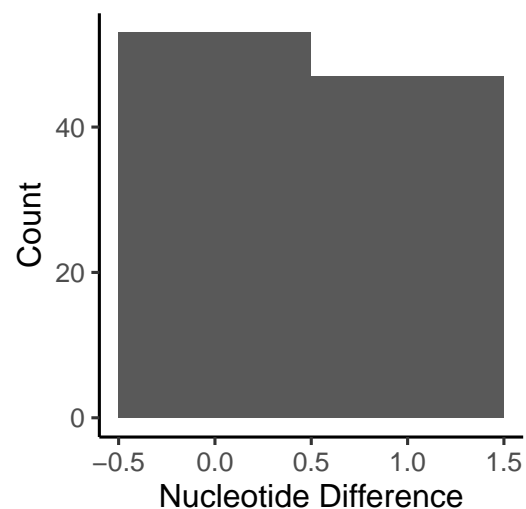
TRBV6-4*ap01

960 sequences assigned
951 (99.1%) exact matches, in which:
945 unique CDR3
13 unique J



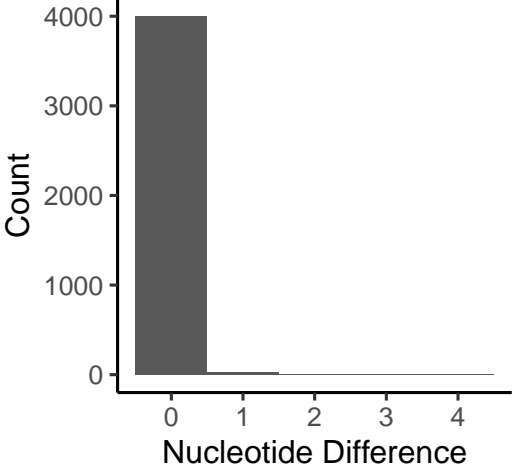
TRBV6-9*ap01

100 sequences assigned
53 (53%) exact matches, in which:
53 unique CDR3
11 unique J



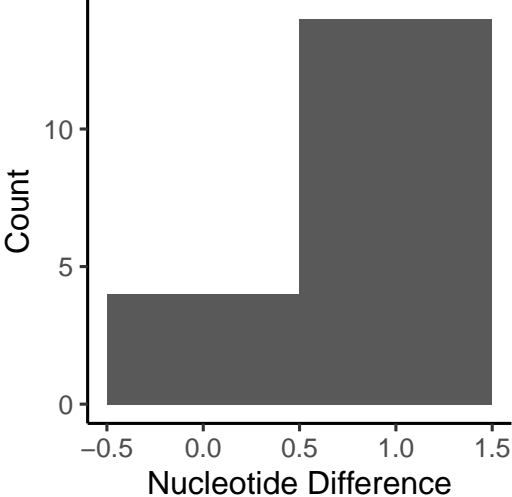
TRBV6-23*ap01

4036 sequences assigned
3998 (99.1%) exact matches, in which:
3969 unique CDR3
13 unique J



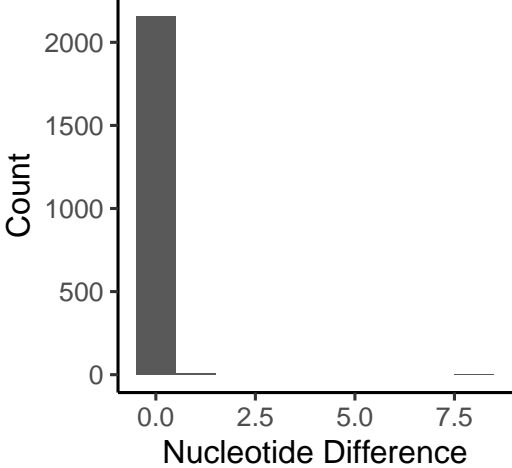
TRBV7-1*ap01_T296C

18 sequences assigned
4 (22.2%) exact matches, in which:
4 unique CDR3
4 unique J



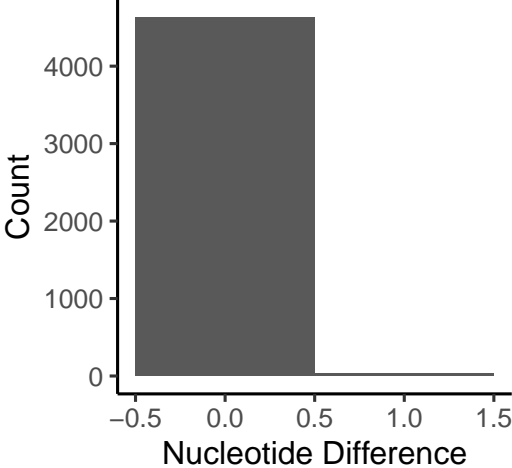
TRBV7-3*ap01

2168 sequences assigned
2156 (99.4%) exact matches, in which:
2150 unique CDR3
13 unique J



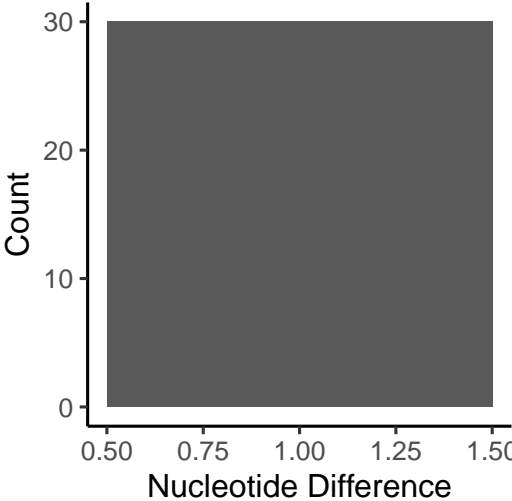
TRBV6-56*ap01

4655 sequences assigned
4625 (99.4%) exact matches, in which:
4583 unique CDR3
13 unique J



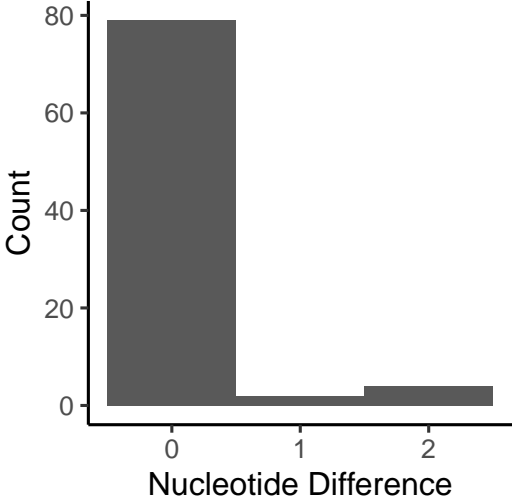
TRBV7-1*ap01_T296C_C

30 sequences assigned
No exact matches.



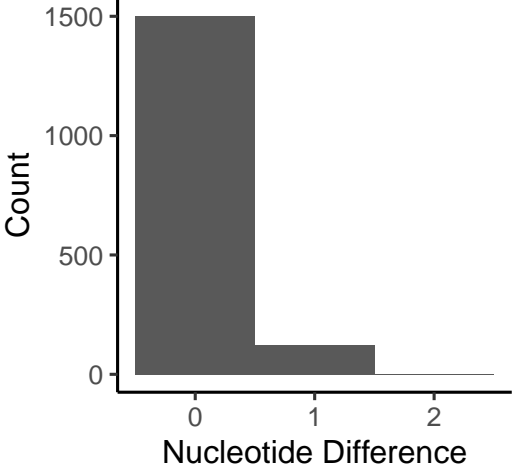
TRBV7-4*ap01

85 sequences assigned
79 (92.9%) exact matches, in which:
77 unique CDR3
11 unique J



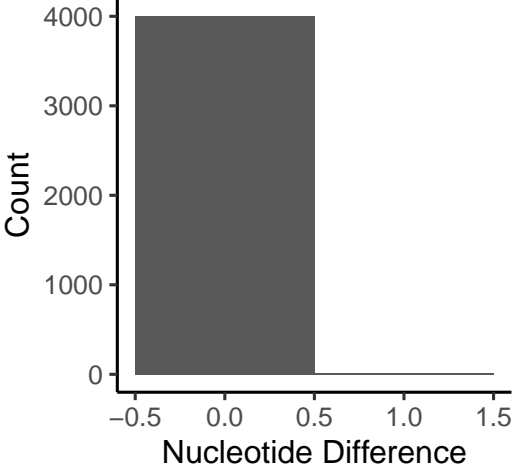
TRBV6-56*ap02

1624 sequences assigned
1501 (92.4%) exact matches, in which:
1491 unique CDR3
13 unique J



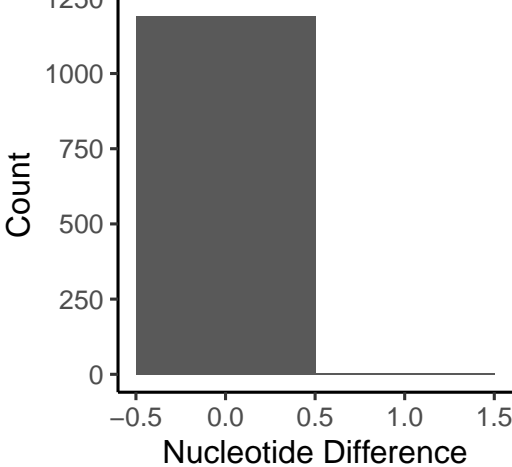
TRBV7-2*ap01

4019 sequences assigned
4003 (99.6%) exact matches, in which:
3992 unique CDR3
13 unique J



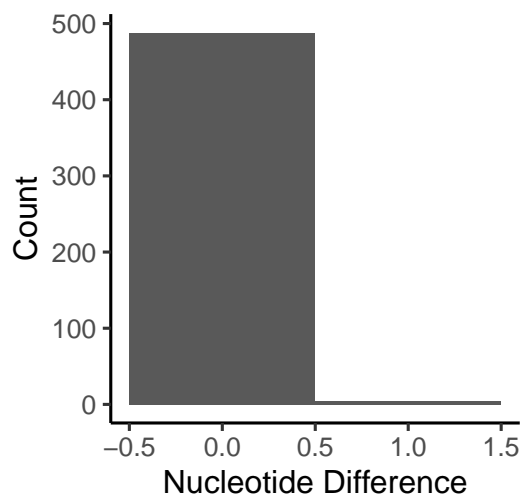
TRBV7-6*ap01

1196 sequences assigned
1191 (99.6%) exact matches, in which:
1181 unique CDR3
13 unique J



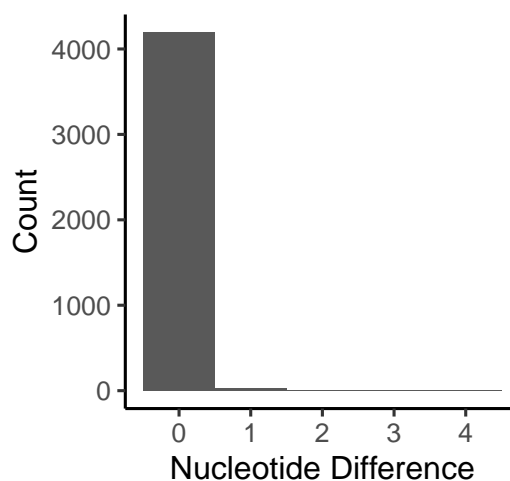
TRBV7-7*ap01_C315T

492 sequences assigned
488 (99.2%) exact matches, in which:
486 unique CDR3
13 unique J



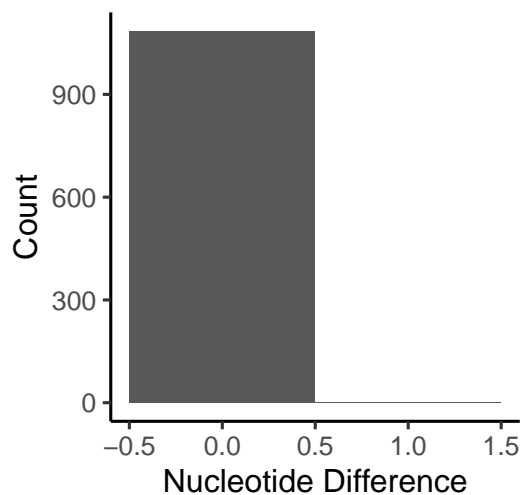
TRBV7-9*ap01

4228 sequences assigned
4194 (99.2%) exact matches, in which:
4179 unique CDR3
13 unique J



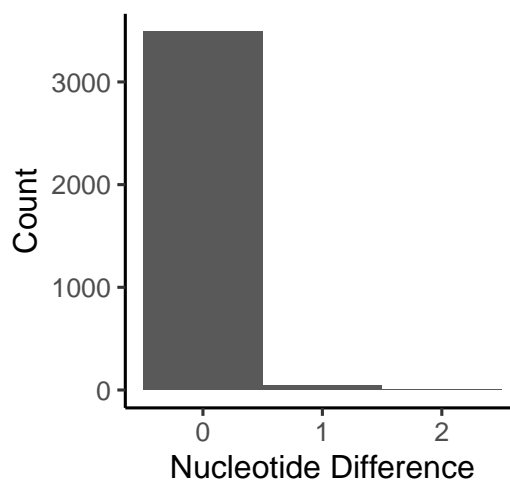
TRBV7-8*ap01

1087 sequences assigned
1085 (99.8%) exact matches, in which:
1082 unique CDR3
13 unique J



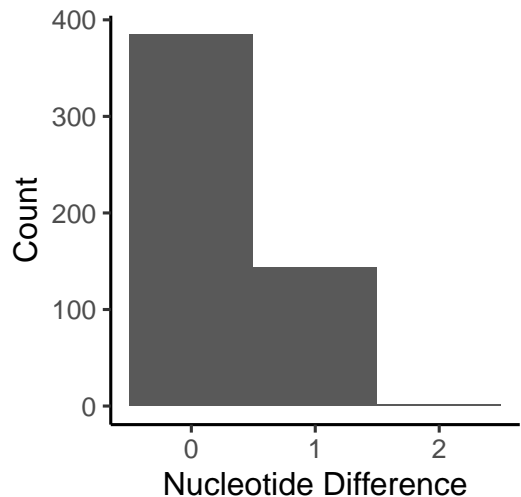
TRBV29-1*ap01

3533 sequences assigned
3489 (98.8%) exact matches, in which:
3455 unique CDR3
13 unique J



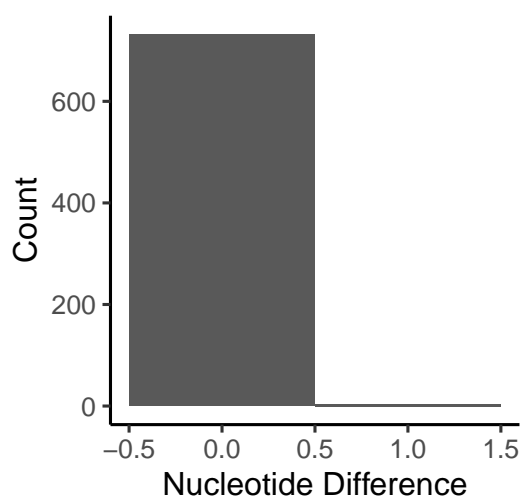
TRBV7-8*ap03

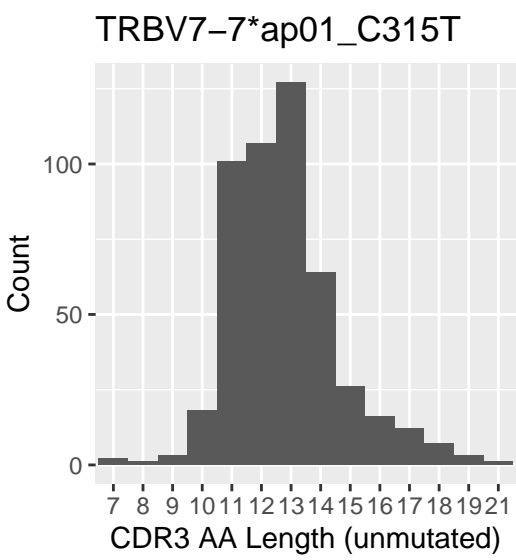
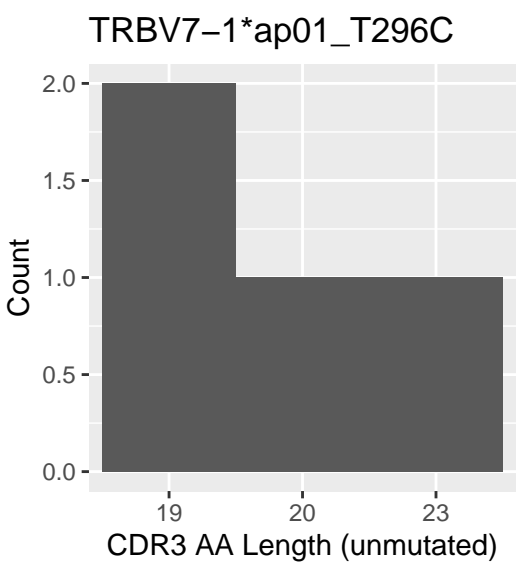
530 sequences assigned
385 (72.6%) exact matches, in which:
383 unique CDR3
13 unique J



TRBV29-1*ap02

736 sequences assigned
732 (99.5%) exact matches, in which:
718 unique CDR3
13 unique J







Warning – no inferred sequences found.

Warning – no inferred sequences found.