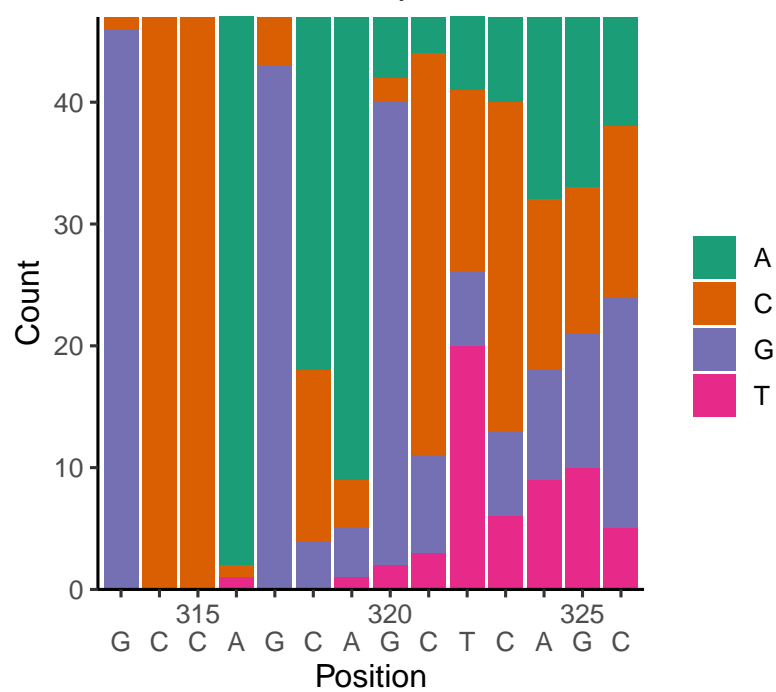
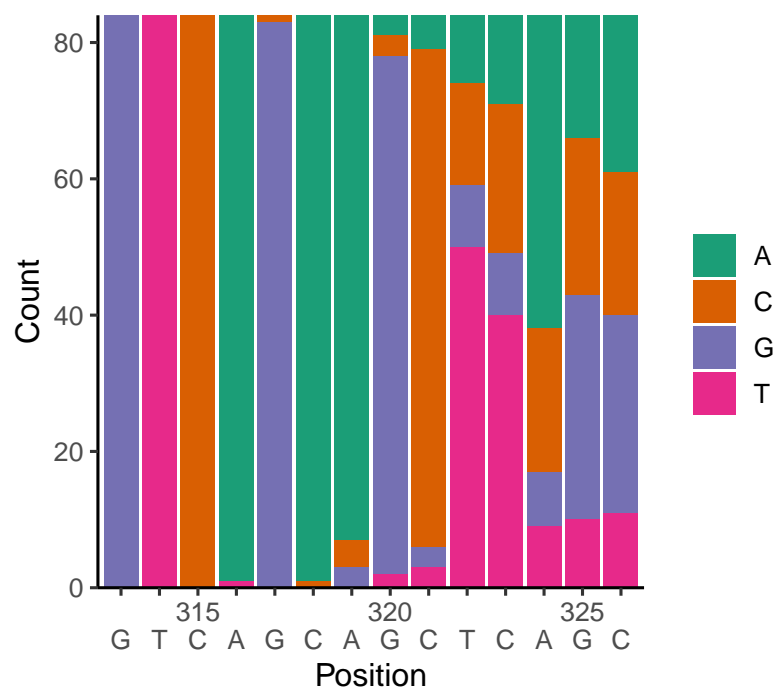


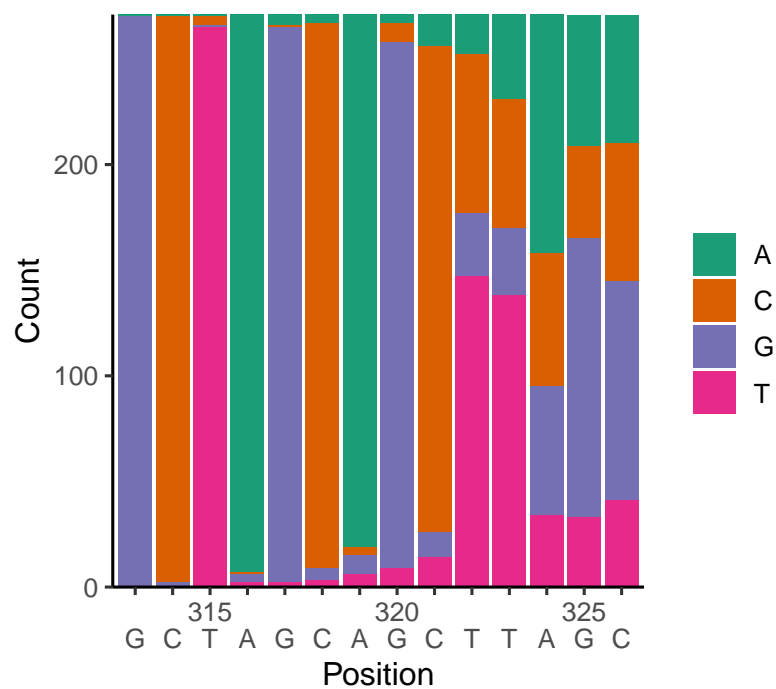
Gene TRBV7-1*ap01_T296C



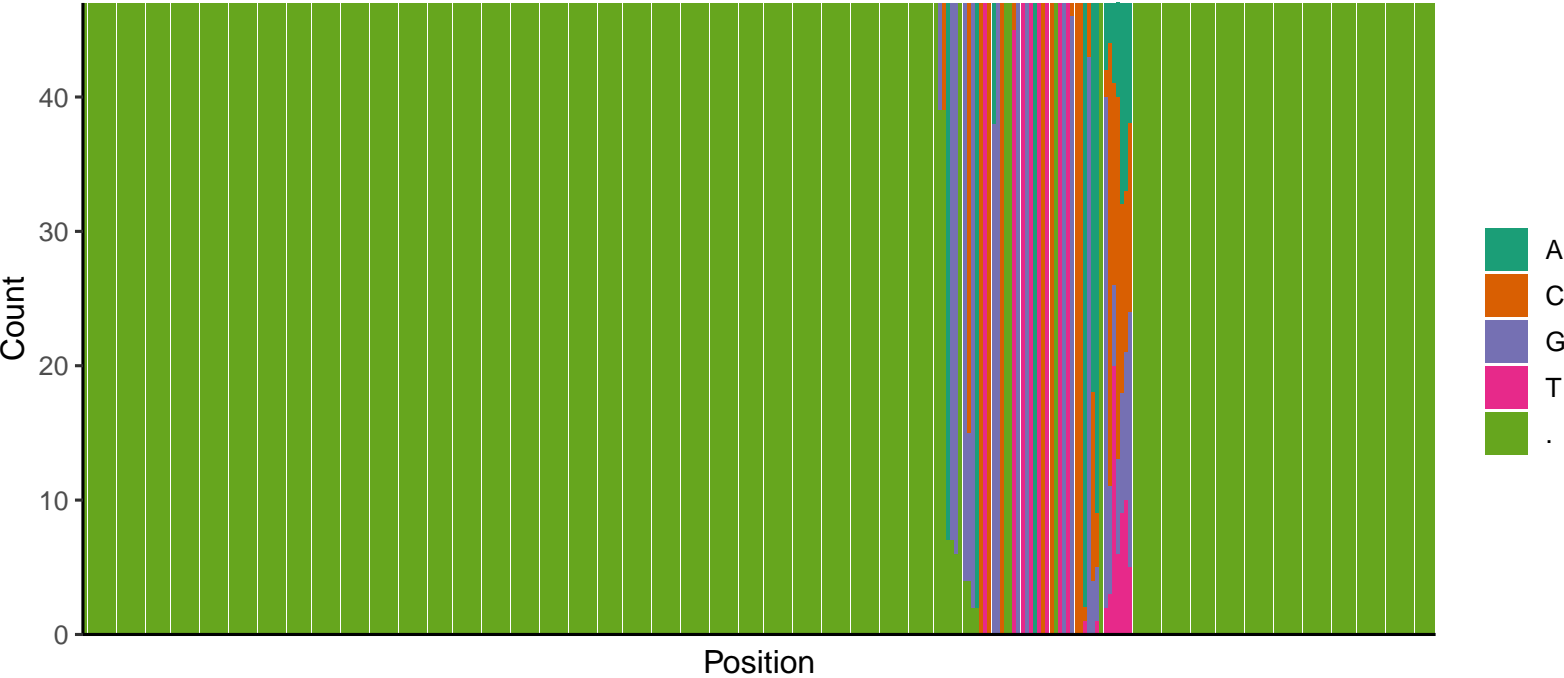
Gene TRBV7-1*ap01_T296C_C314T



Gene TRBV7-7*ap01_C307A_C315T



Gene TRBV7-1*ap01_T296C



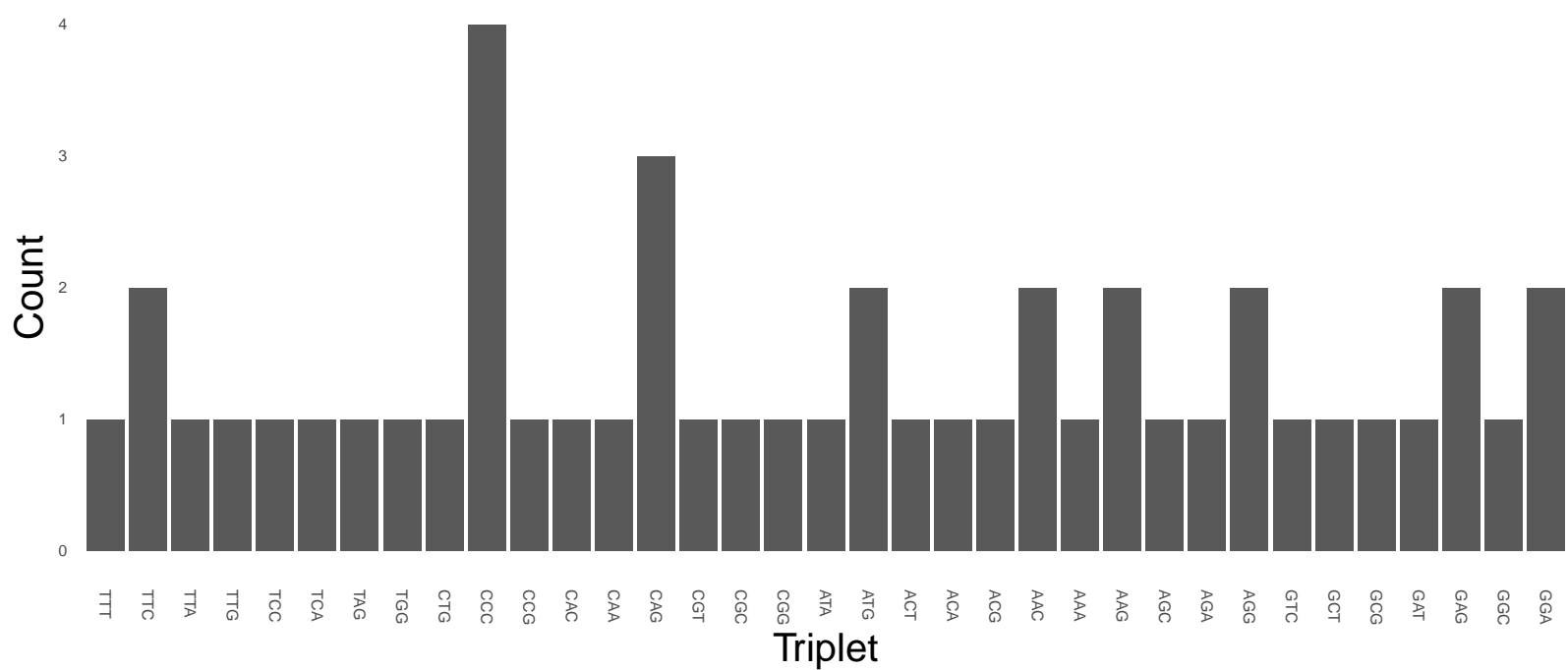
Gene TRBV7-1*ap01_T296C_C314T



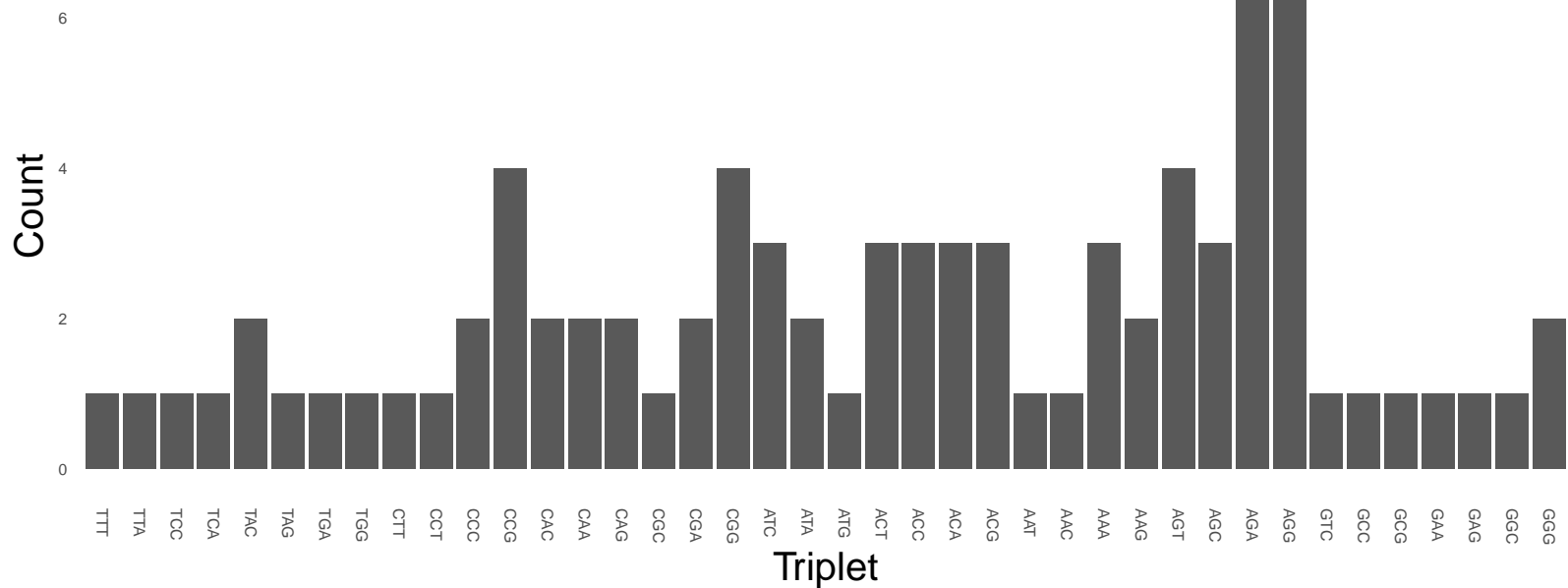
Gene TRBV7-7*ap01_C307A_C315T



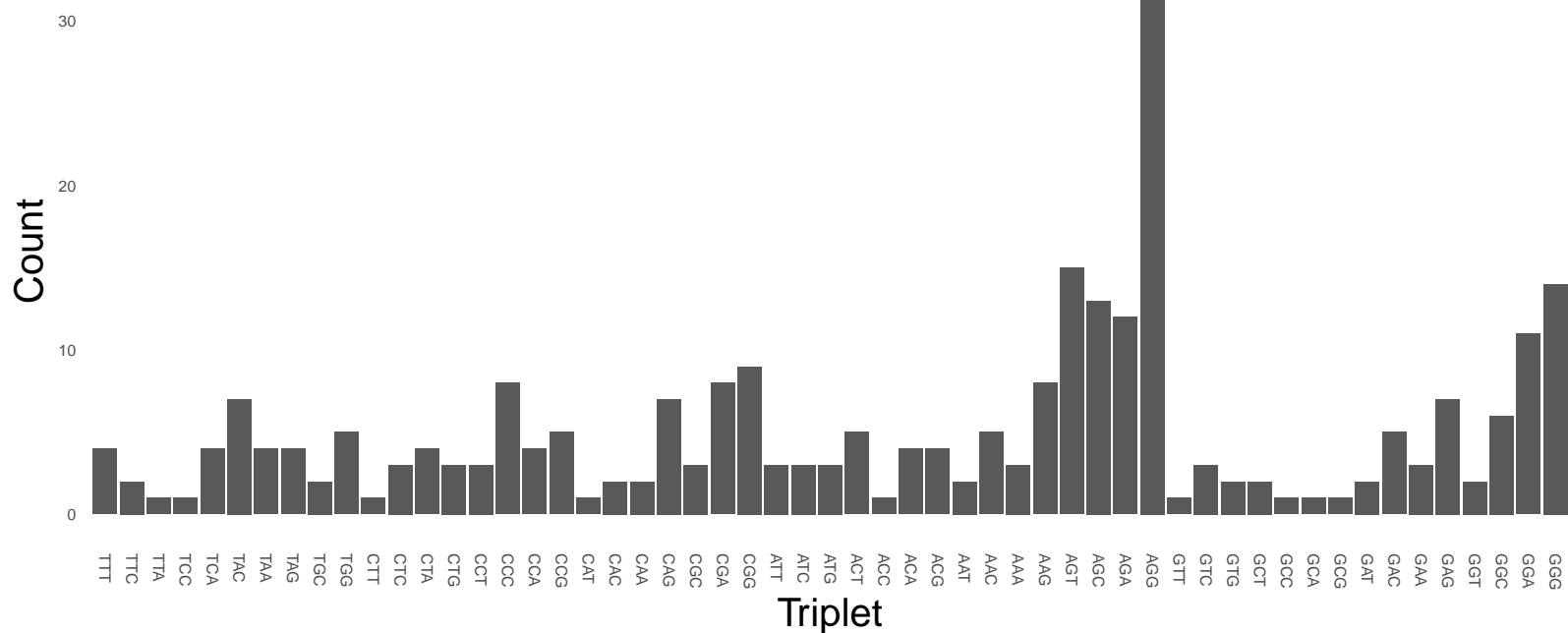
TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



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

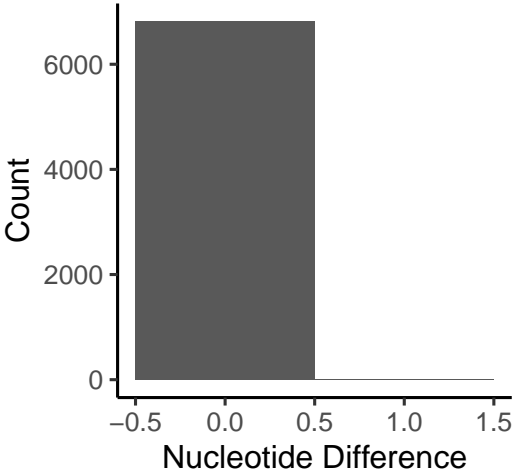


TRBV7-7*ap01_C307A_C315T- Final 3 nucleotides as a triplet



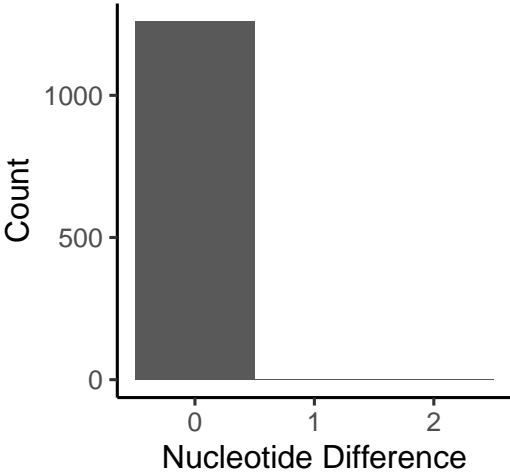
TRBV20-1*ap01

6828 sequences assigned
6815 (99.8%) exact matches, in which:
6805 unique CDR3
13 unique J



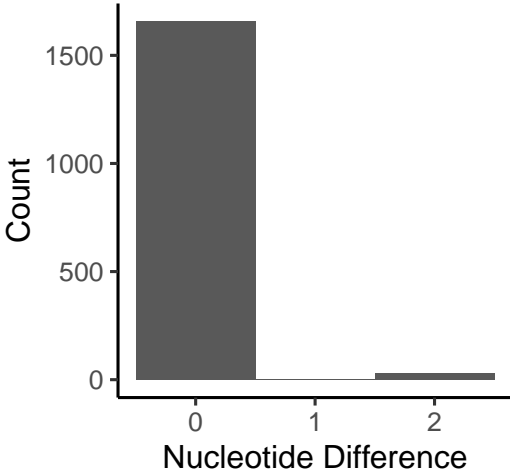
TRBV10-2*ap01

1263 sequences assigned
1260 (99.8%) exact matches, in which:
1260 unique CDR3
13 unique J



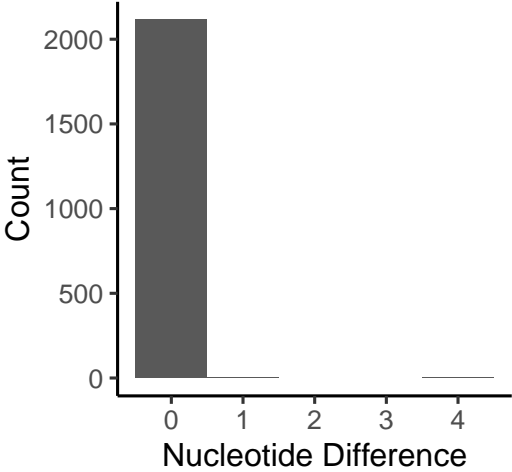
TRBV13*ap01

1686 sequences assigned
1657 (98.3%) exact matches, in which:
1651 unique CDR3
13 unique J



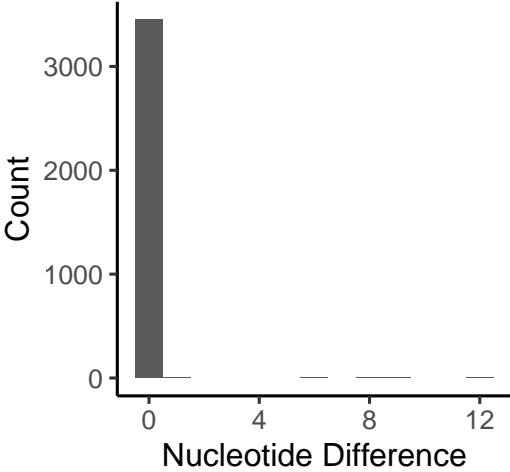
TRBV10-1*ap01

2121 sequences assigned
2115 (99.7%) exact matches, in which:
2115 unique CDR3
13 unique J



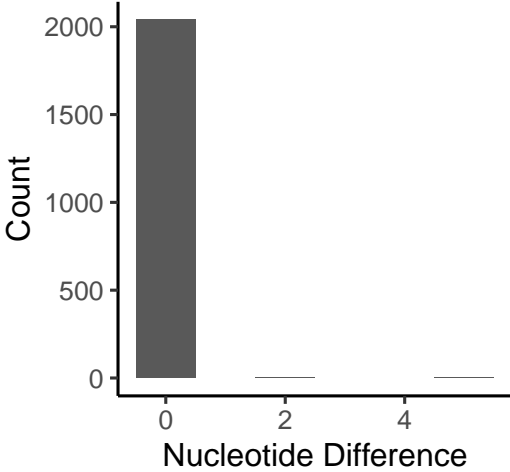
TRBV10-3*ap01

3462 sequences assigned
3450 (99.7%) exact matches, in which:
3450 unique CDR3
13 unique J



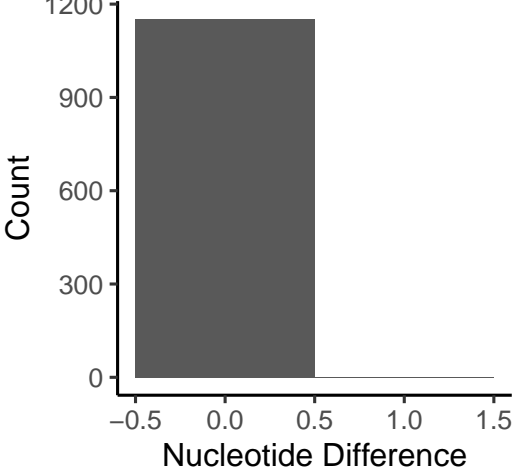
TRBV14*ap01

2044 sequences assigned
2040 (99.8%) exact matches, in which:
2040 unique CDR3
13 unique J



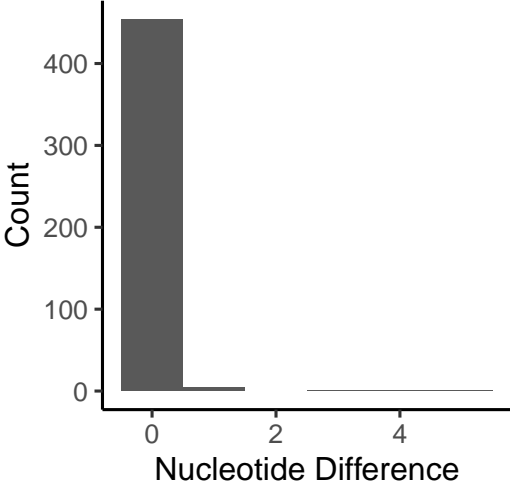
TRBV20-1*ap02

1154 sequences assigned
1152 (99.8%) exact matches, in which:
1150 unique CDR3
13 unique J



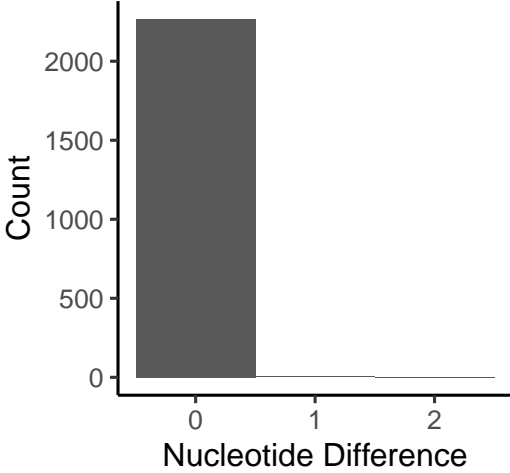
TRBV1*ap01

461 sequences assigned
454 (98.5%) exact matches, in which:
453 unique CDR3
13 unique J



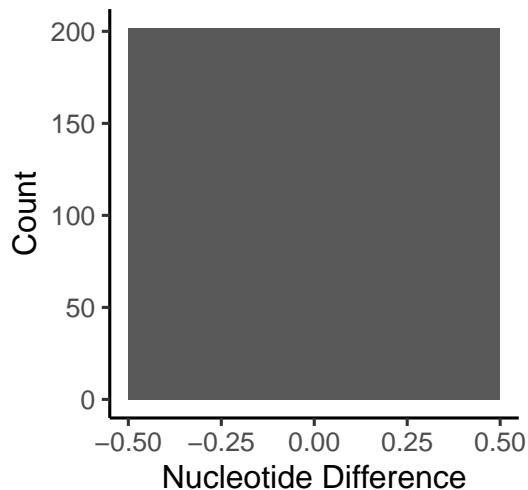
TRBV15*ap02

2272 sequences assigned
2267 (99.8%) exact matches, in which:
2263 unique CDR3
13 unique J



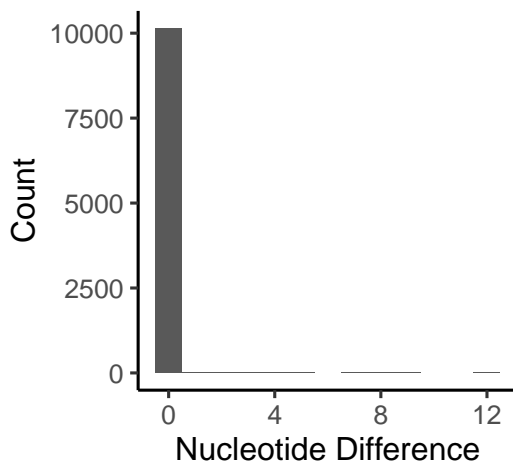
TRBV16*ap01

202 sequences assigned
202 (100%) exact matches, in which:
202 unique CDR3
13 unique J



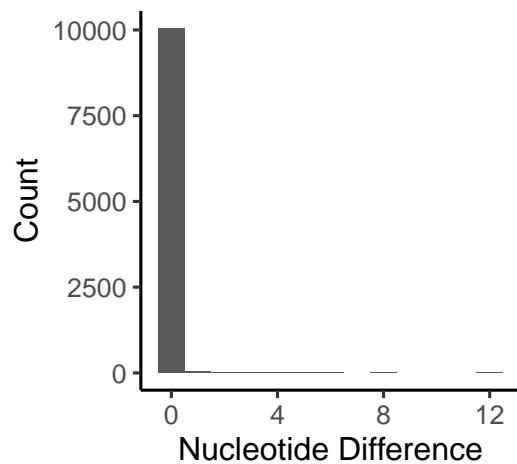
TRBV19*ap01

10176 sequences assigned
10148 (99.7%) exact matches, in which:
10147 unique CDR3
13 unique J



TRBV27*ap01

10099 sequences assigned
10052 (99.5%) exact matches, in which:
10023 unique CDR3
13 unique J



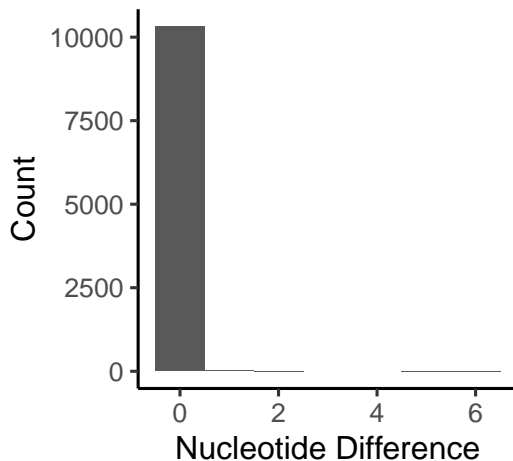
TRBV17*ap01

2 sequences assigned
No exact matches.



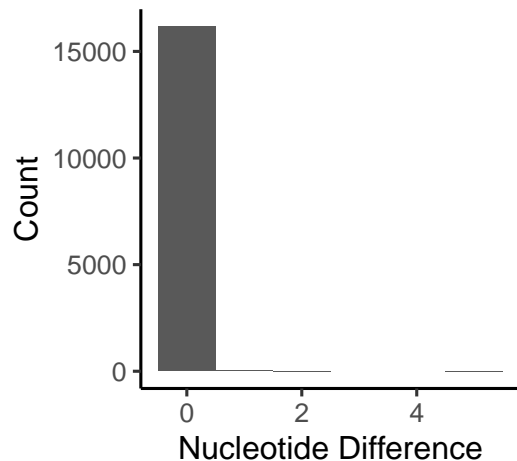
TRBV2*ap01

10355 sequences assigned
10320 (99.7%) exact matches, in which:
10293 unique CDR3
13 unique J



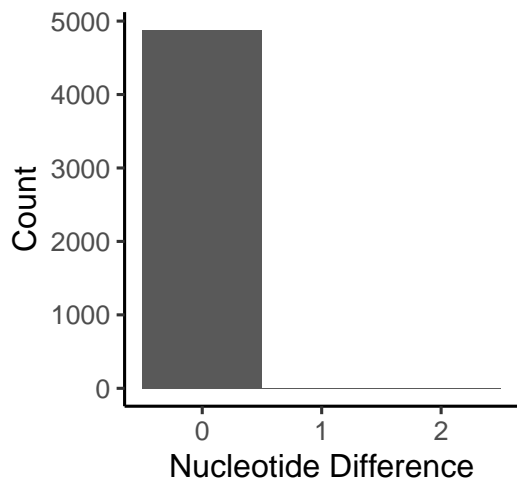
TRBV28*ap01

16198 sequences assigned
16169 (99.8%) exact matches, in which:
16164 unique CDR3
13 unique J



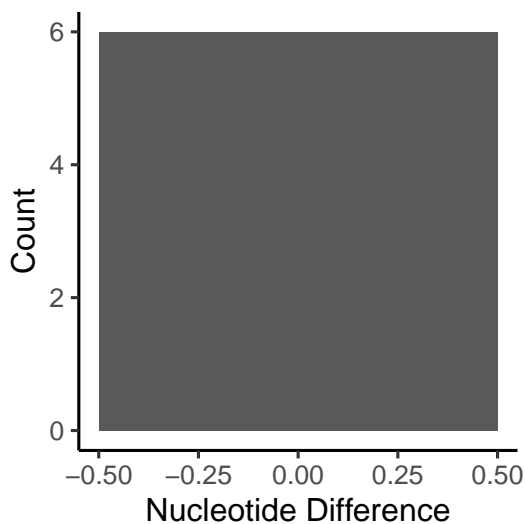
TRBV18*ap01

4883 sequences assigned
4878 (99.9%) exact matches, in which:
4875 unique CDR3
13 unique J



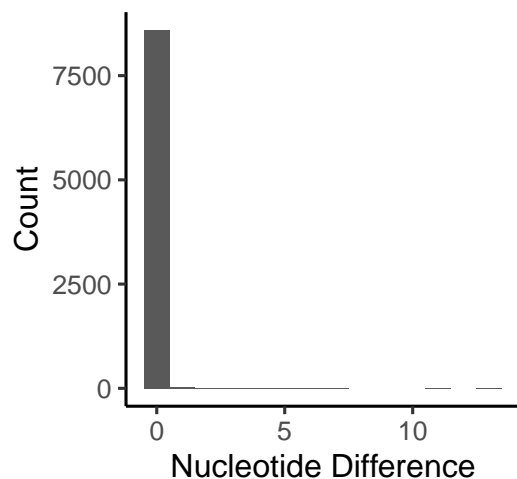
TRBV26*ap01

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
2 unique J



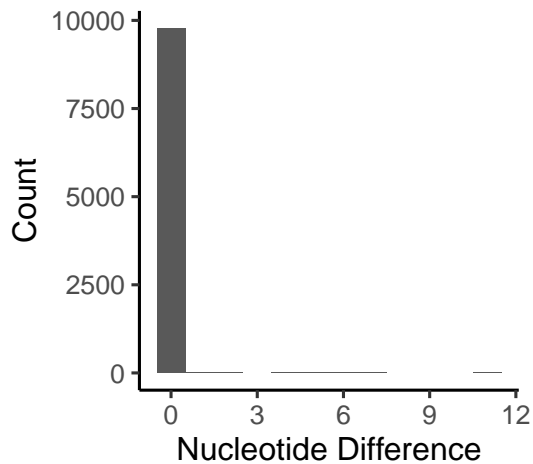
TRBV30*ap01

8635 sequences assigned
8594 (99.5%) exact matches, in which:
8577 unique CDR3
13 unique J



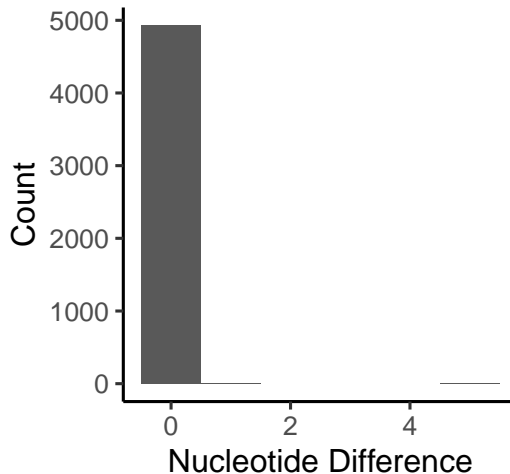
TRBV9*ap01

9800 sequences assigned
9780 (99.8%) exact matches, in which:
9773 unique CDR3
13 unique J



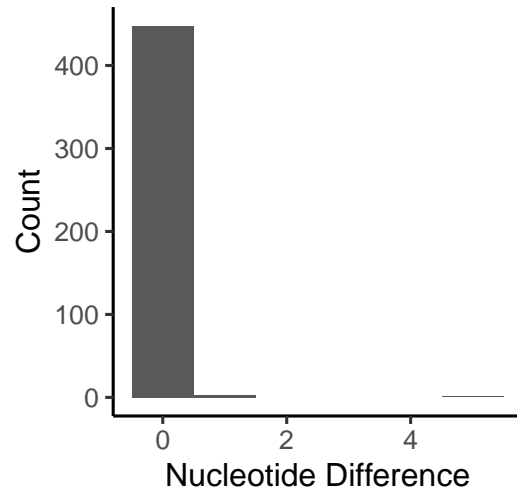
TRBV11-2*ap01

4934 sequences assigned
4930 (99.9%) exact matches, in which:
4927 unique CDR3
13 unique J



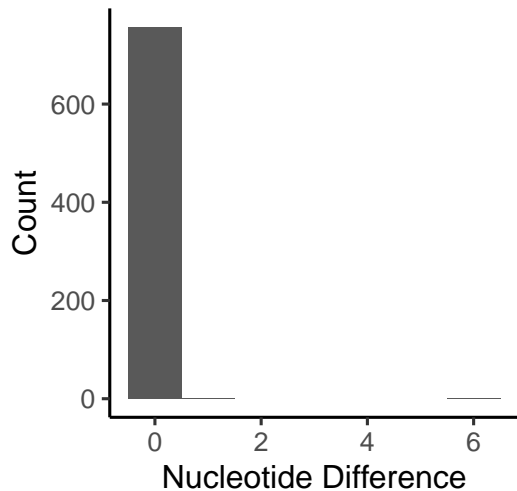
TRBV12-2*ap01

452 sequences assigned
448 (99.1%) exact matches, in which:
448 unique CDR3
13 unique J



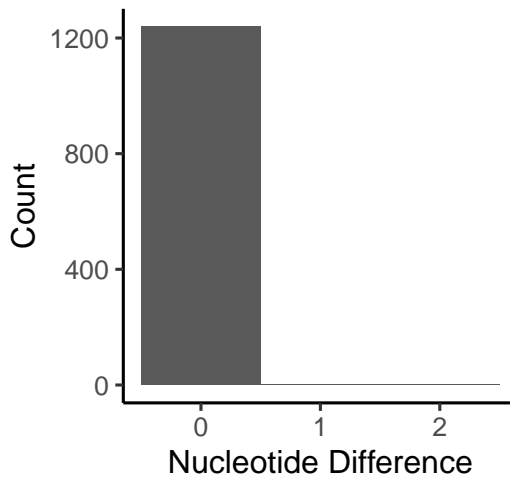
TRBV11-1*ap01

759 sequences assigned
757 (99.7%) exact matches, in which:
757 unique CDR3
13 unique J



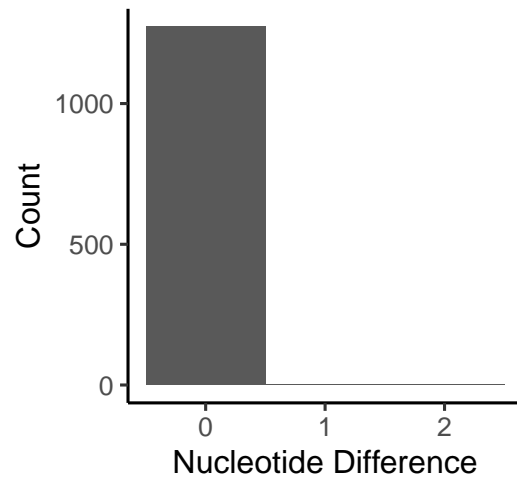
TRBV11-3*ap01

1243 sequences assigned
1239 (99.7%) exact matches, in which:
1239 unique CDR3
13 unique J



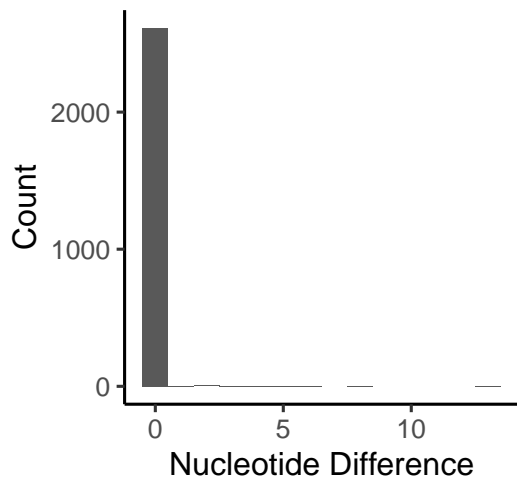
TRBV12-5*ap01

1278 sequences assigned
1273 (99.6%) exact matches, in which:
1273 unique CDR3
13 unique J



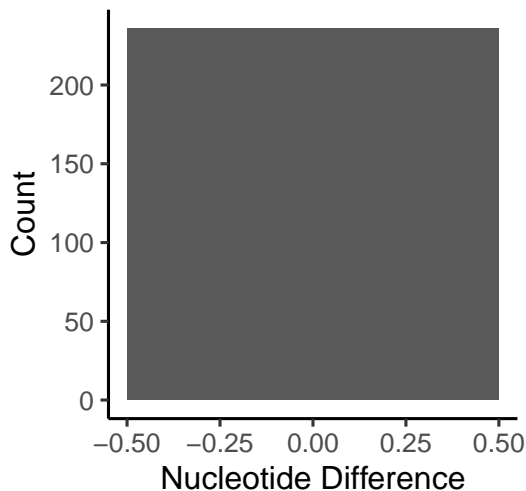
TRBV21-1*ap01

2636 sequences assigned
2613 (99.1%) exact matches, in which:
2613 unique CDR3
14 unique J



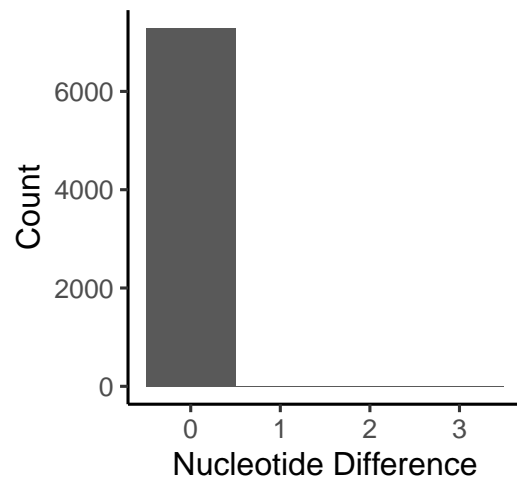
TRBV12-1*ap01

236 sequences assigned
236 (100%) exact matches, in which:
236 unique CDR3
13 unique J



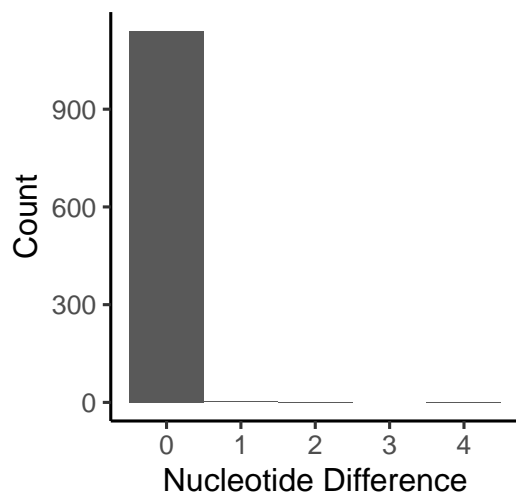
TRBV12-34*ap01

7303 sequences assigned
7289 (99.8%) exact matches, in which:
7284 unique CDR3
13 unique J



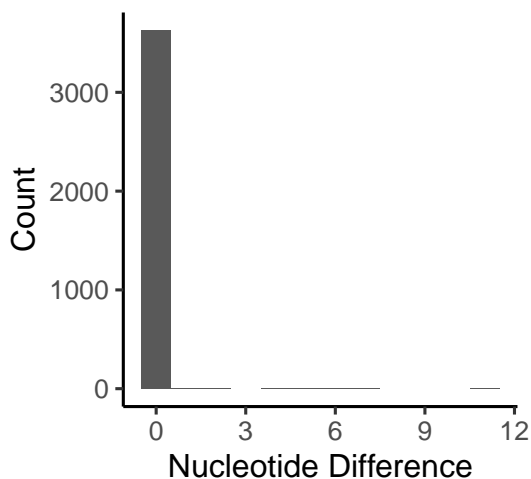
TRBV23–1*ap01

1147 sequences assigned
1141 (99.5%) exact matches, in which:
1141 unique CDR3
13 unique J



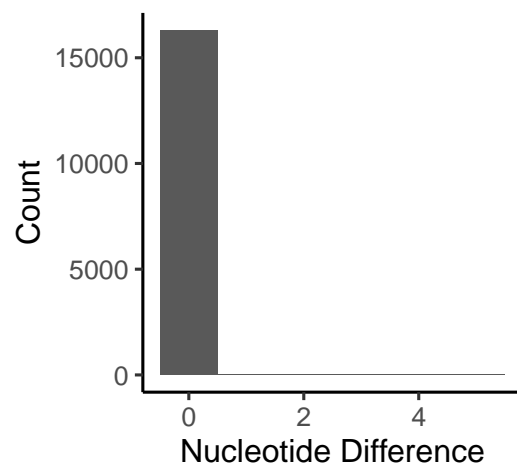
TRBV24–1*ap01

3648 sequences assigned
3627 (99.4%) exact matches, in which:
3622 unique CDR3
13 unique J



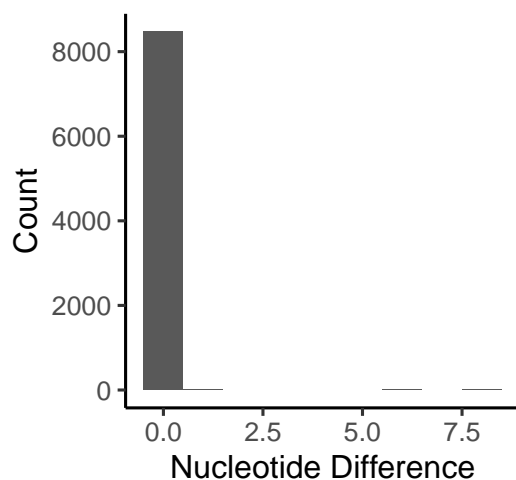
TRBV5–1*ap01

16337 sequences assigned
16305 (99.8%) exact matches, in which:
16266 unique CDR3
13 unique J



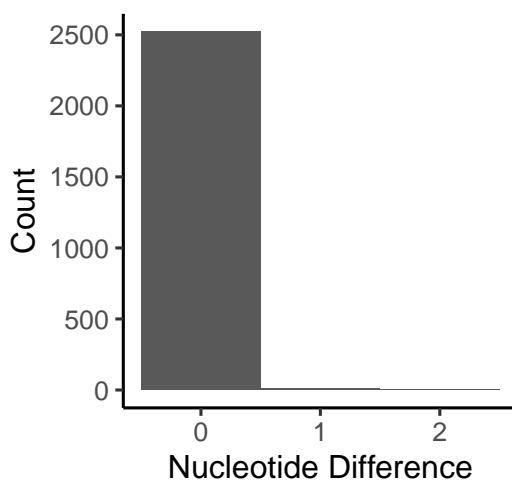
TRBV3–12*ap01

8494 sequences assigned
8471 (99.7%) exact matches, in which:
8459 unique CDR3
13 unique J



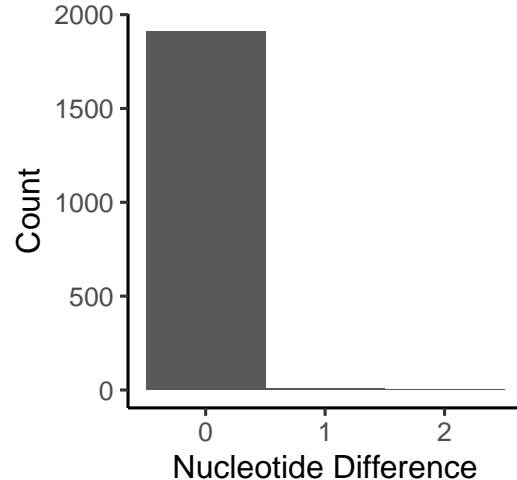
TRBV4–2*ap01

2534 sequences assigned
2522 (99.5%) exact matches, in which:
2517 unique CDR3
13 unique J



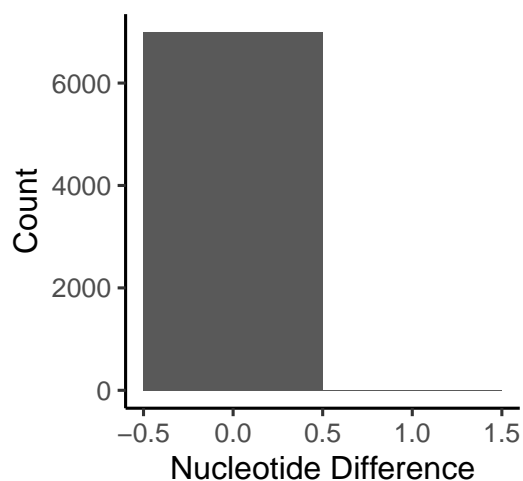
TRBV25–1*ap01

1923 sequences assigned
1909 (99.3%) exact matches, in which:
1905 unique CDR3
13 unique J



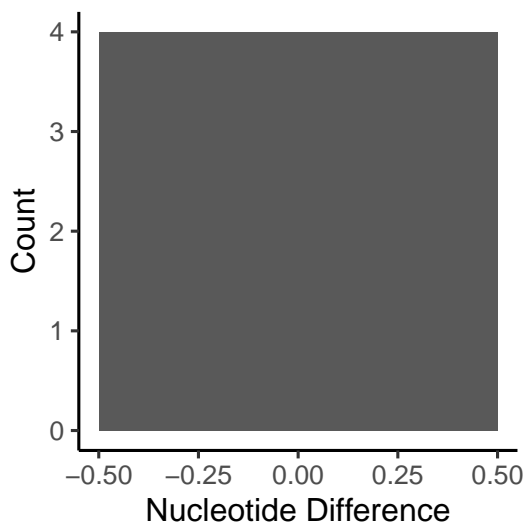
TRBV4–1*ap01

7008 sequences assigned
6996 (99.8%) exact matches, in which:
6992 unique CDR3
13 unique J



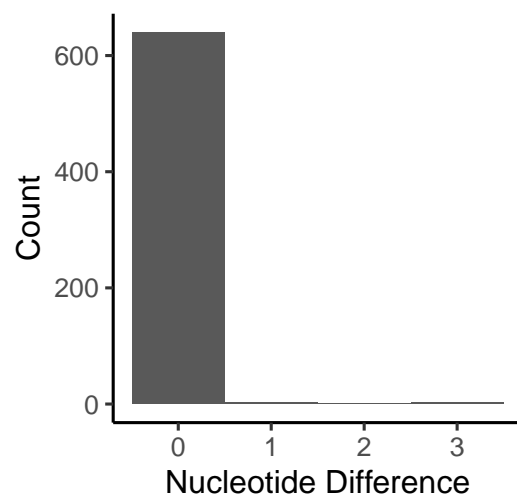
TRBV4–3*ap01

4 sequences assigned
4 (100%) exact matches, in which:
4 unique CDR3
3 unique J



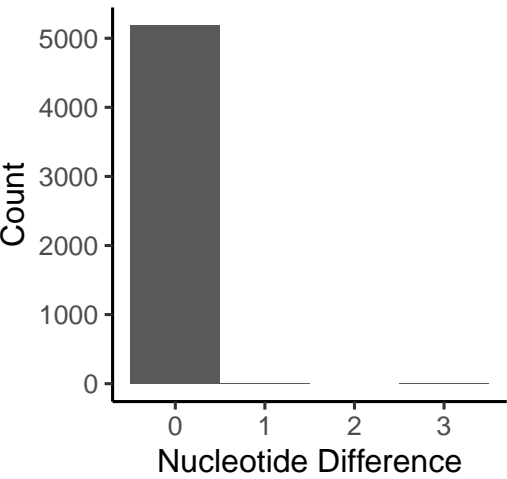
TRBV5–3*ap01

645 sequences assigned
640 (99.2%) exact matches, in which:
640 unique CDR3
13 unique J



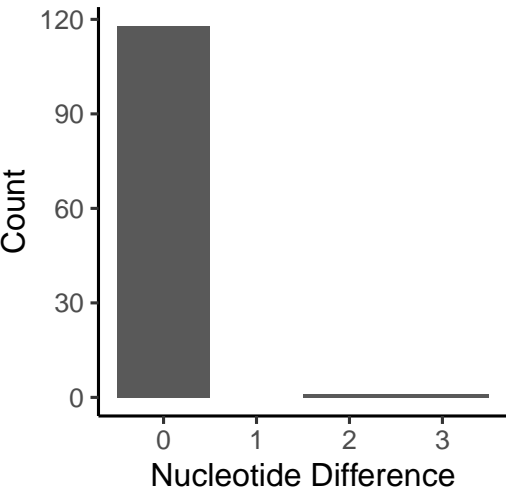
TRBV5-4*ap01

5199 sequences assigned
5186 (99.7%) exact matches, in which:
5182 unique CDR3
13 unique J



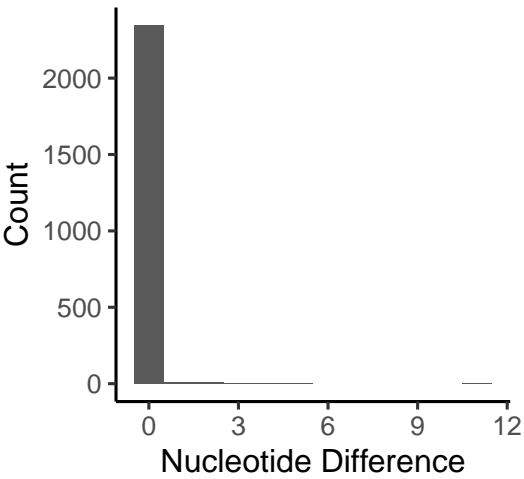
TRBV5-7*ap01

120 sequences assigned
118 (98.3%) exact matches, in which:
118 unique CDR3
13 unique J



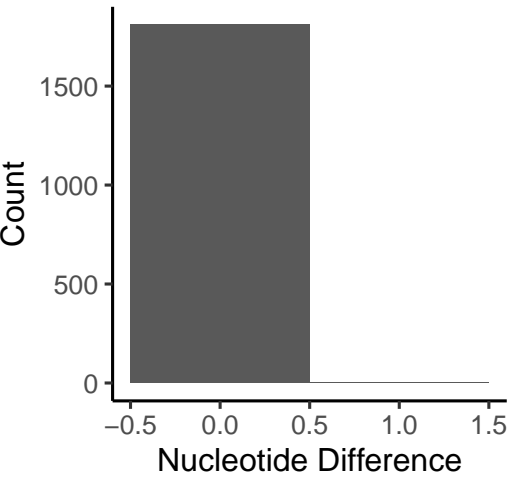
TRBV6-4*ap01

2364 sequences assigned
2345 (99.2%) exact matches, in which:
2345 unique CDR3
13 unique J



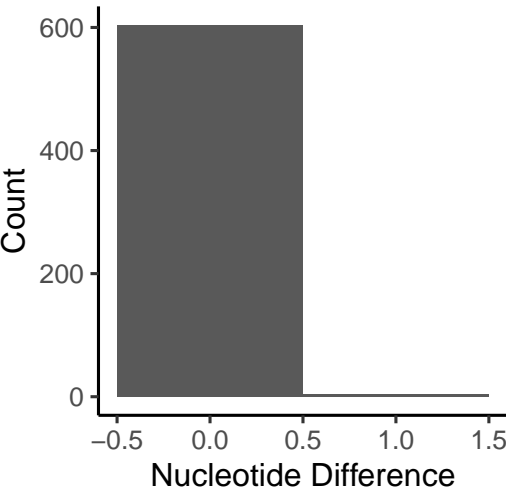
TRBV5-5*ap01

1811 sequences assigned
1810 (99.9%) exact matches, in which:
1807 unique CDR3
13 unique J



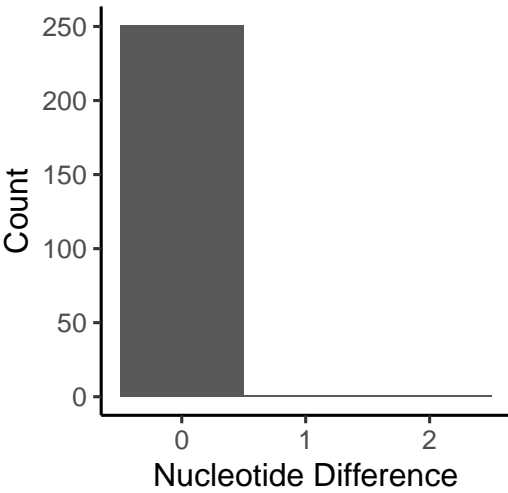
TRBV5-8*ap01

608 sequences assigned
604 (99.3%) exact matches, in which:
604 unique CDR3
13 unique J



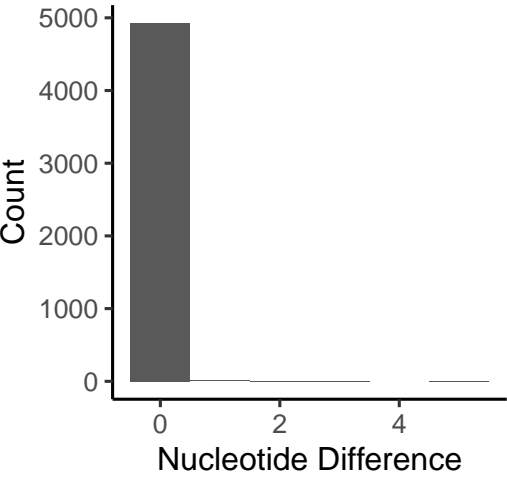
TRBV6-7*ap01

253 sequences assigned
251 (99.2%) exact matches, in which:
251 unique CDR3
13 unique J



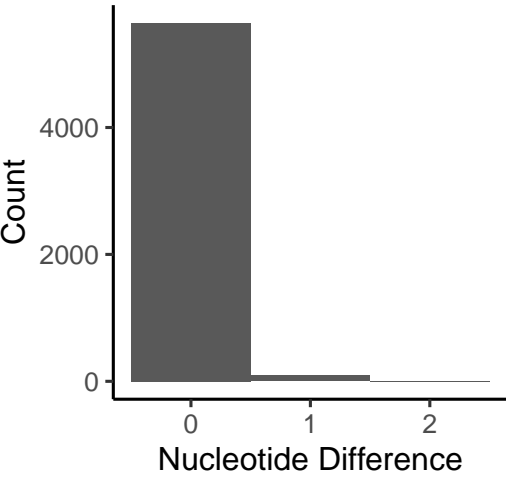
TRBV5-6*ap01

4940 sequences assigned
4928 (99.8%) exact matches, in which:
4923 unique CDR3
13 unique J



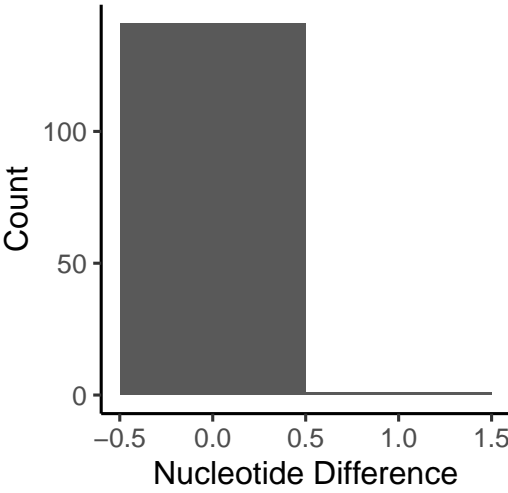
TRBV6-1*ap01

5741 sequences assigned
5646 (98.3%) exact matches, in which:
5633 unique CDR3
13 unique J



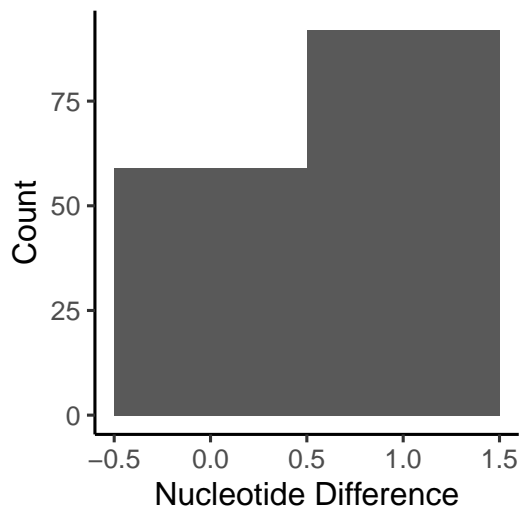
TRBV6-8*ap01

142 sequences assigned
141 (99.3%) exact matches, in which:
141 unique CDR3
13 unique J



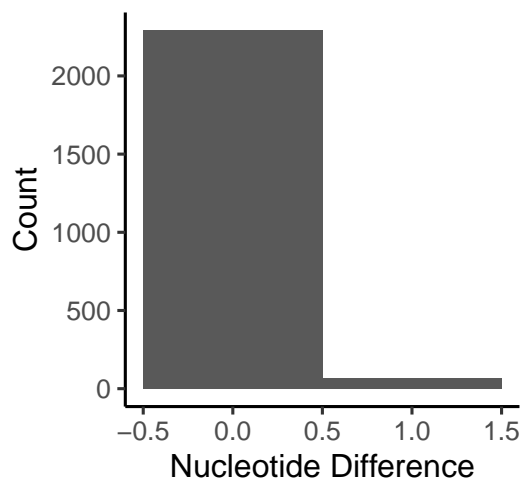
TRBV6-9*ap01

151 sequences assigned
59 (39.1%) exact matches, in which:
59 unique CDR3
12 unique J



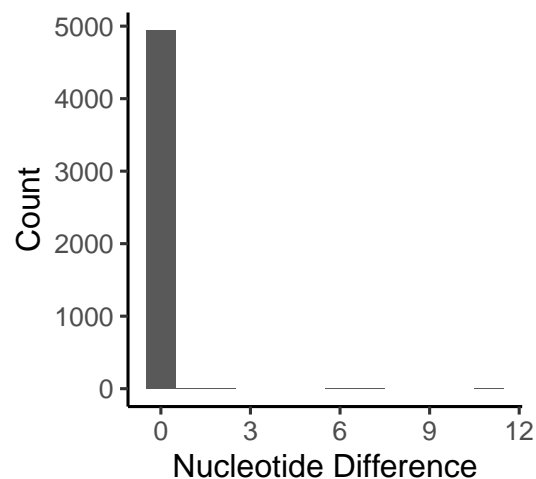
TRBV6-56*ap02

2359 sequences assigned
2291 (97.1%) exact matches, in which:
2286 unique CDR3
13 unique J



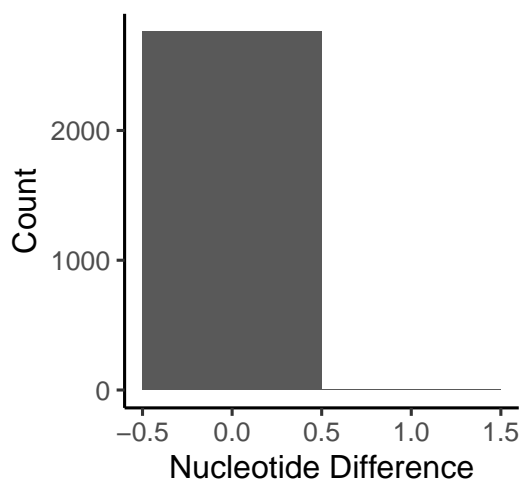
TRBV7-2*ap01

4952 sequences assigned
4941 (99.8%) exact matches, in which:
4940 unique CDR3
13 unique J



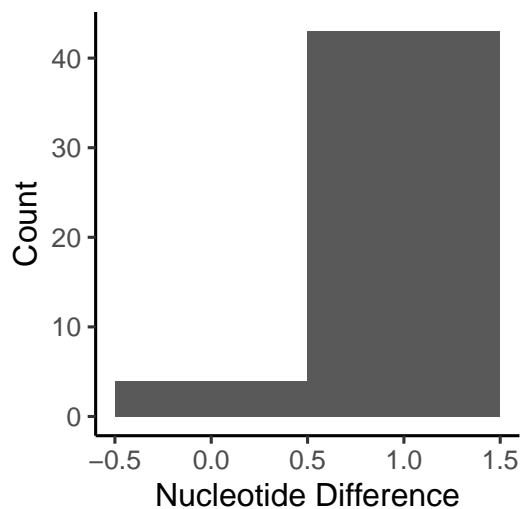
TRBV6-23*ap01

2765 sequences assigned
2761 (99.9%) exact matches, in which:
2753 unique CDR3
13 unique J



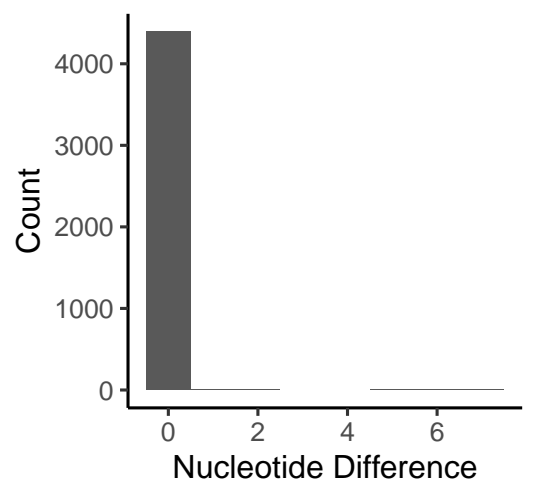
TRBV7-1*ap01_T296C

47 sequences assigned
4 (8.5%) exact matches, in which:
4 unique CDR3
4 unique J



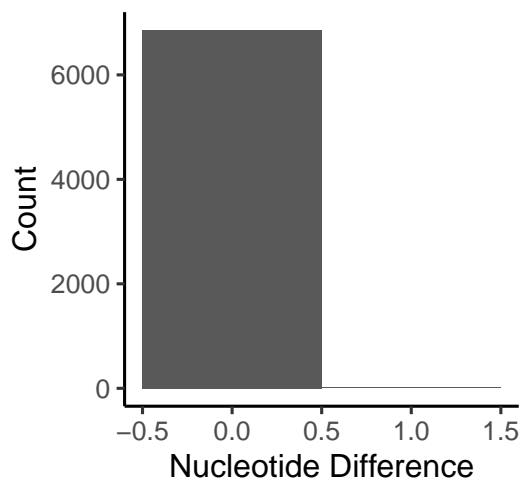
TRBV7-3*ap01

4406 sequences assigned
4393 (99.7%) exact matches, in which:
4389 unique CDR3
13 unique J



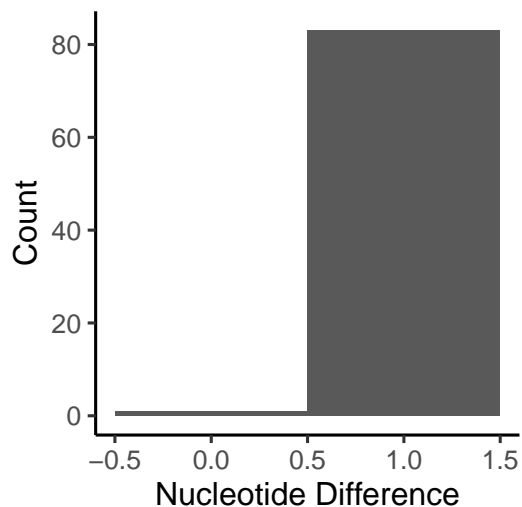
TRBV6-56*ap01

6871 sequences assigned
6858 (99.8%) exact matches, in which:
6848 unique CDR3
13 unique J



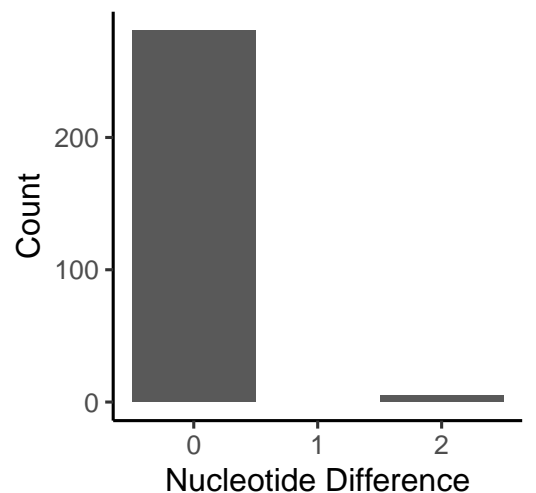
TRBV7-1*ap01_T296C_C

84 sequences assigned
1 (1.2%) exact matches, in which:
1 unique CDR3
1 unique J



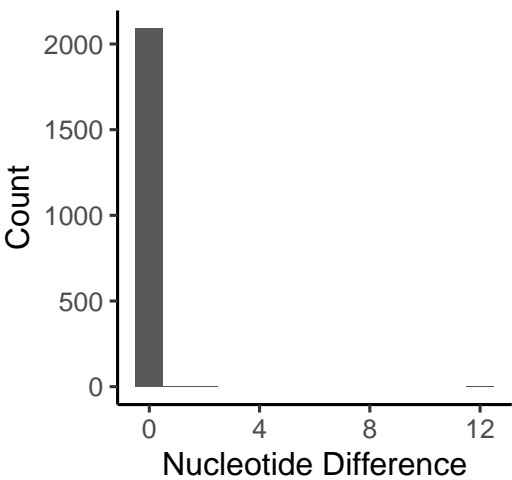
TRBV7-4*ap01

286 sequences assigned
281 (98.3%) exact matches, in which:
281 unique CDR3
12 unique J



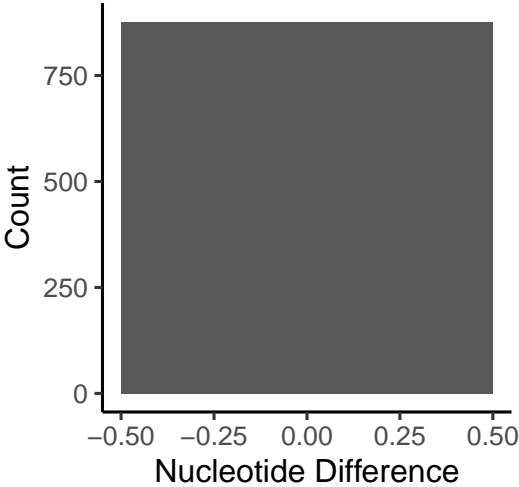
TRBV7-6*ap01

2096 sequences assigned
2091 (99.8%) exact matches, in which:
2090 unique CDR3
13 unique J



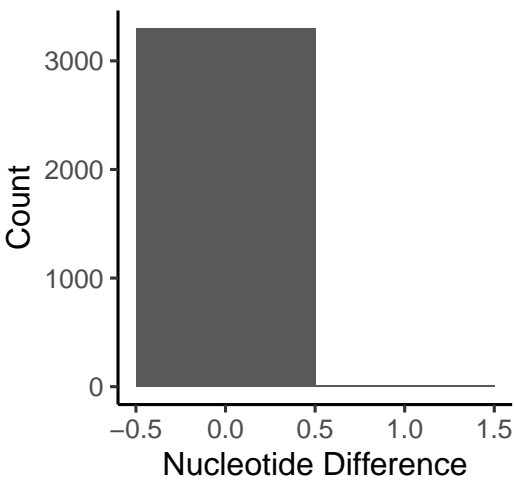
TRBV7-8*ap01

877 sequences assigned
877 (100%) exact matches, in which:
876 unique CDR3
12 unique J



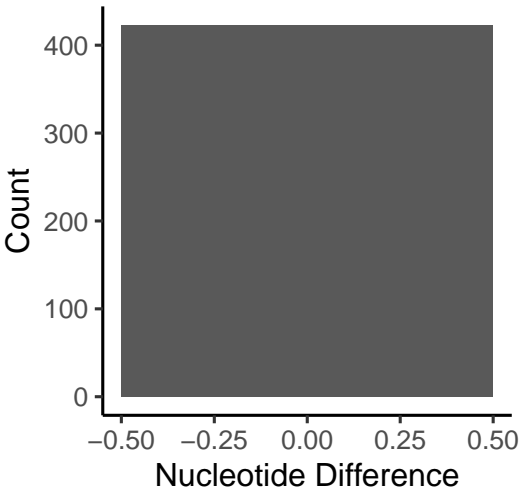
TRBV29-1*ap01

3311 sequences assigned
3299 (99.6%) exact matches, in which:
3294 unique CDR3
13 unique J



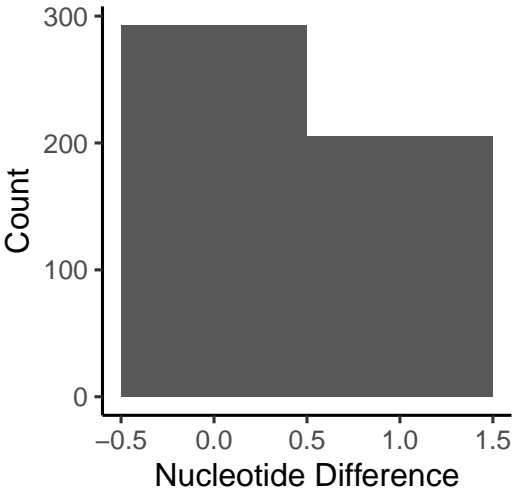
TRBV7-7*ap01

423 sequences assigned
423 (100%) exact matches, in which:
422 unique CDR3
13 unique J



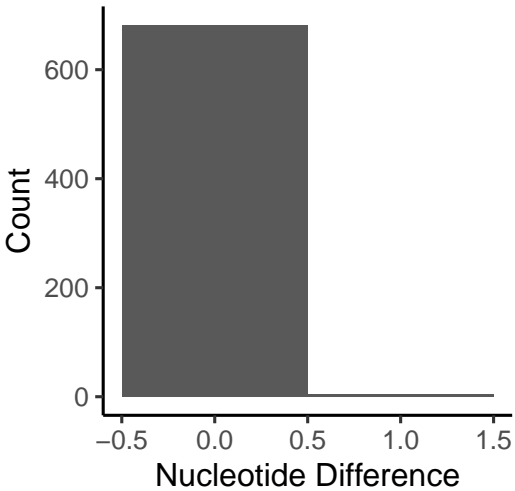
TRBV7-8*ap03

498 sequences assigned
293 (58.8%) exact matches, in which:
293 unique CDR3
12 unique J



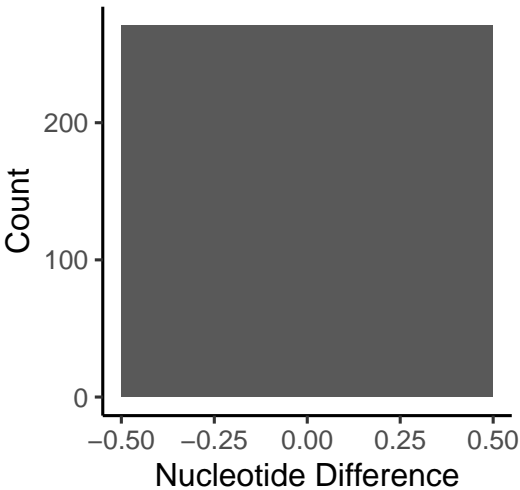
TRBV29-1*ap02

686 sequences assigned
682 (99.4%) exact matches, in which:
682 unique CDR3
13 unique J



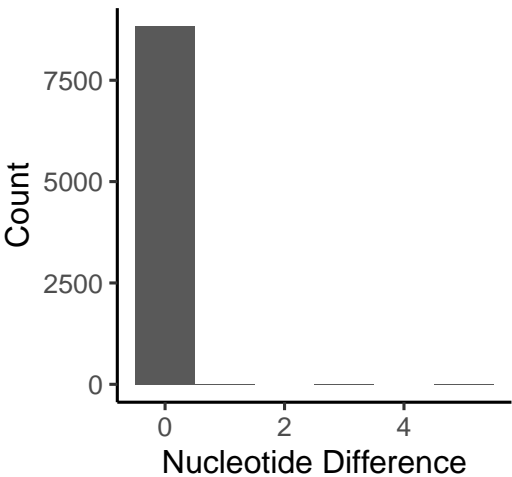
TRBV7-7*ap01_C307A_01

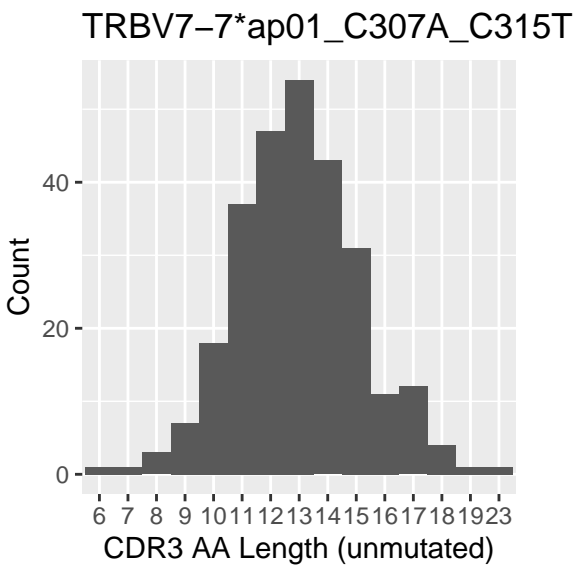
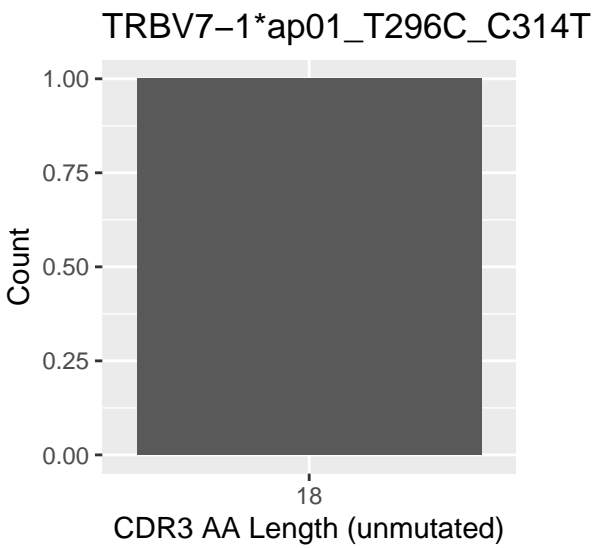
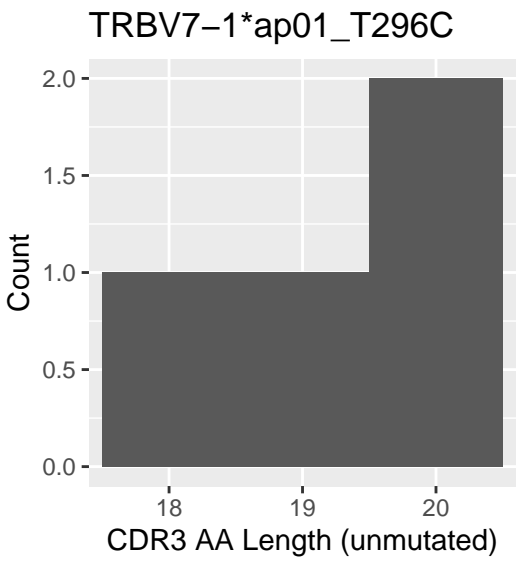
271 sequences assigned
271 (100%) exact matches, in which:
271 unique CDR3
12 unique J



TRBV7-9*ap01

8853 sequences assigned
8837 (99.8%) exact matches, in which:
8835 unique CDR3
13 unique J







Warning – no inferred sequences found.

Warning – no inferred sequences found.