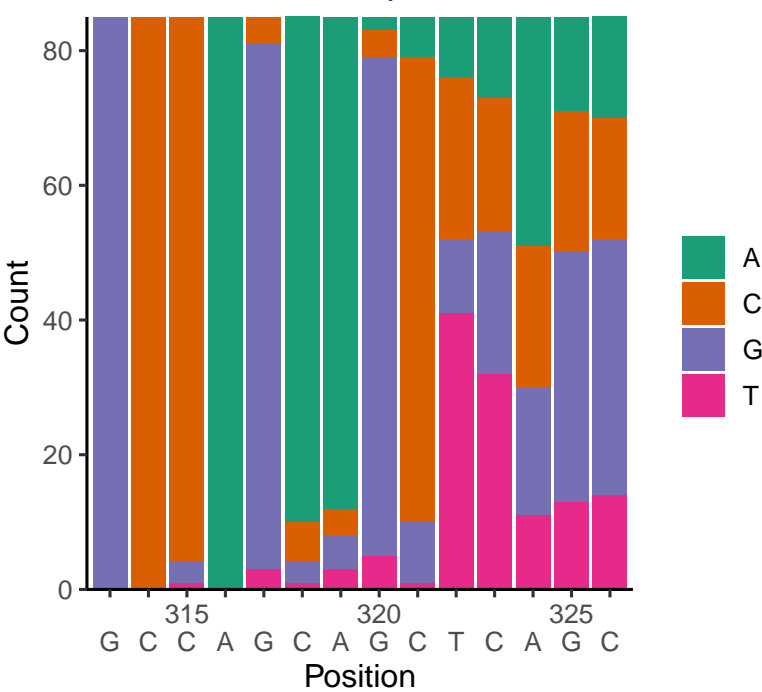
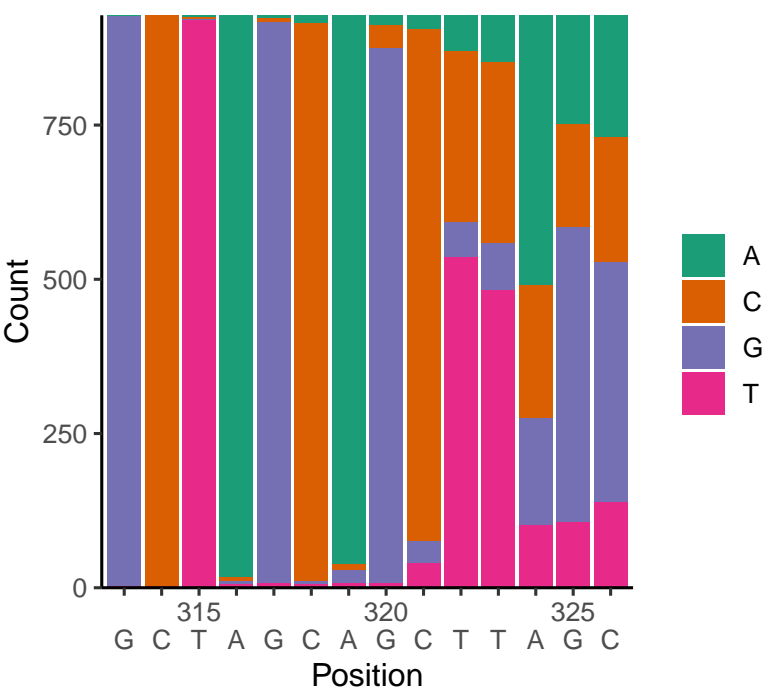


Gene TRBV7-1*ap01_G291C_T296C



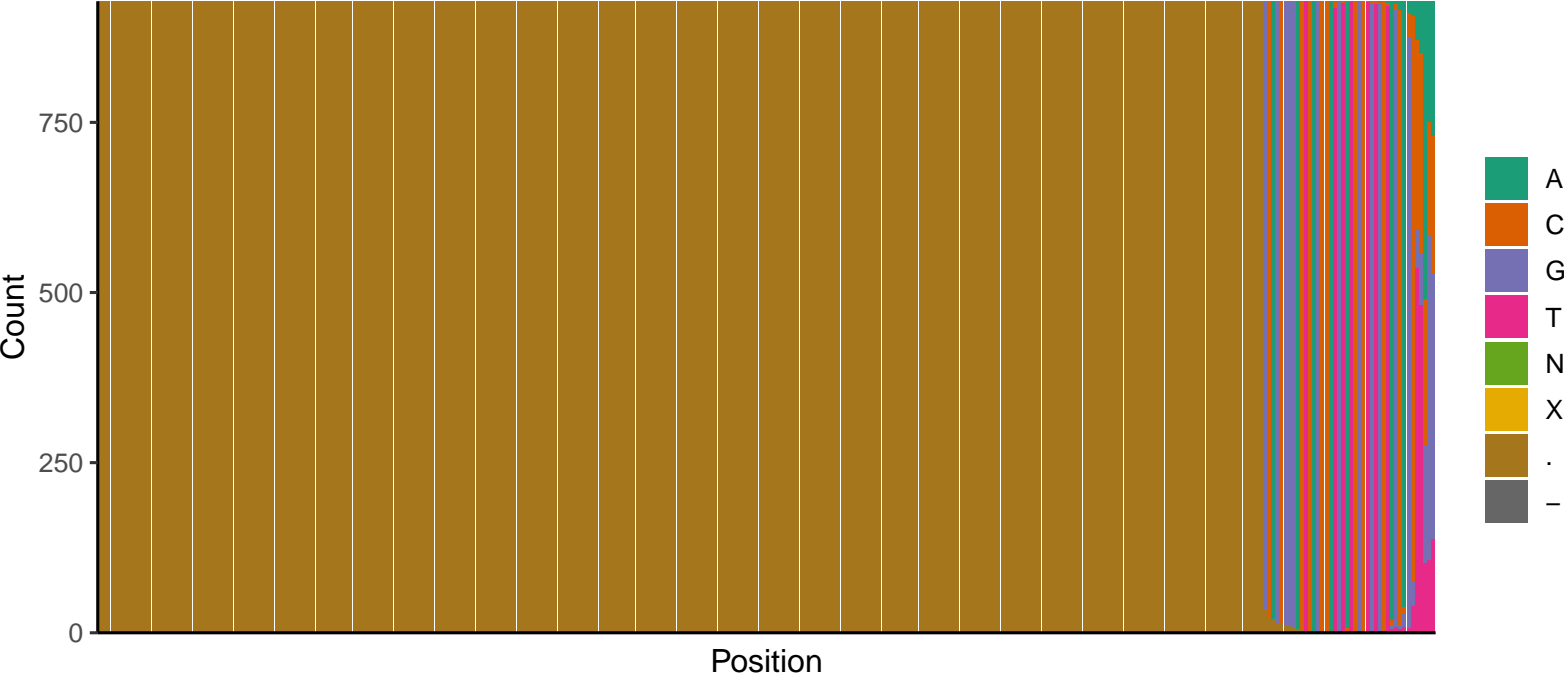
Gene TRBV7-7*ap01_C315T



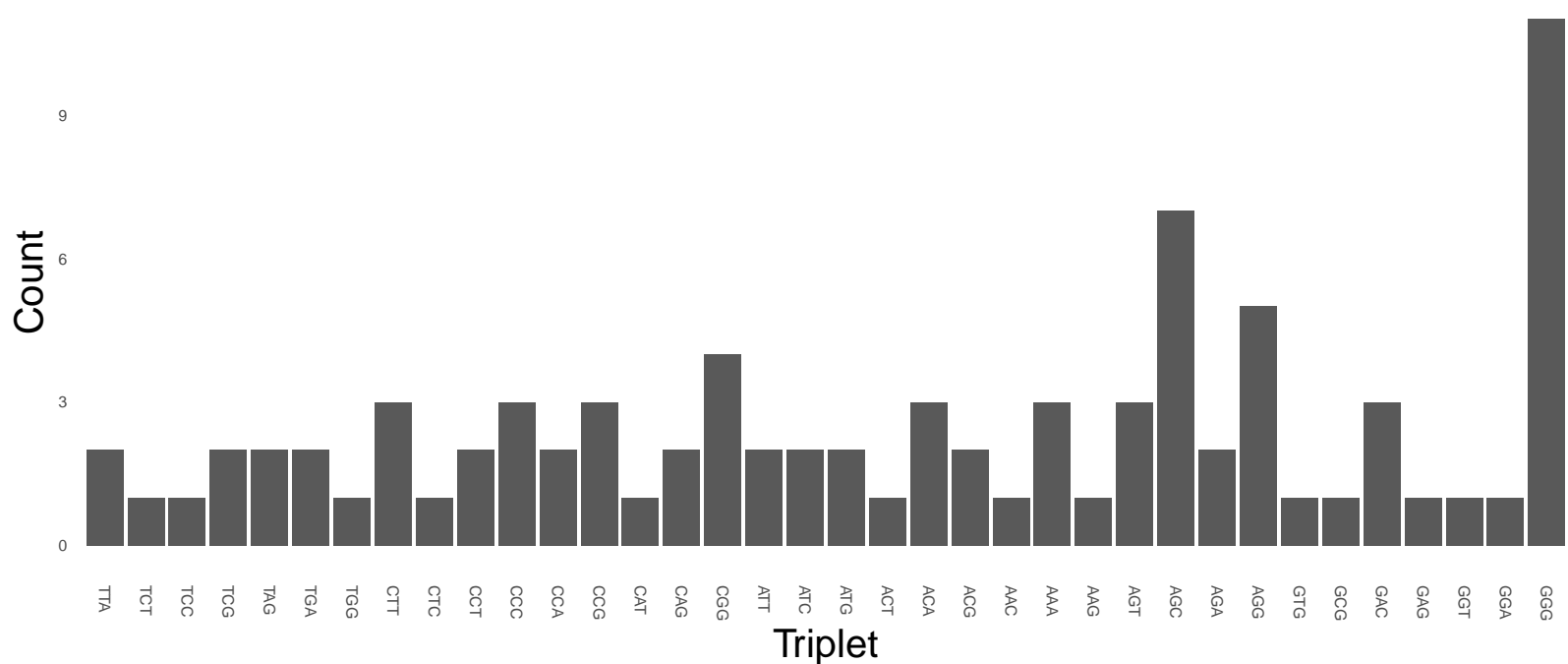
Gene TRBV7-1*ap01_G291C_T296C



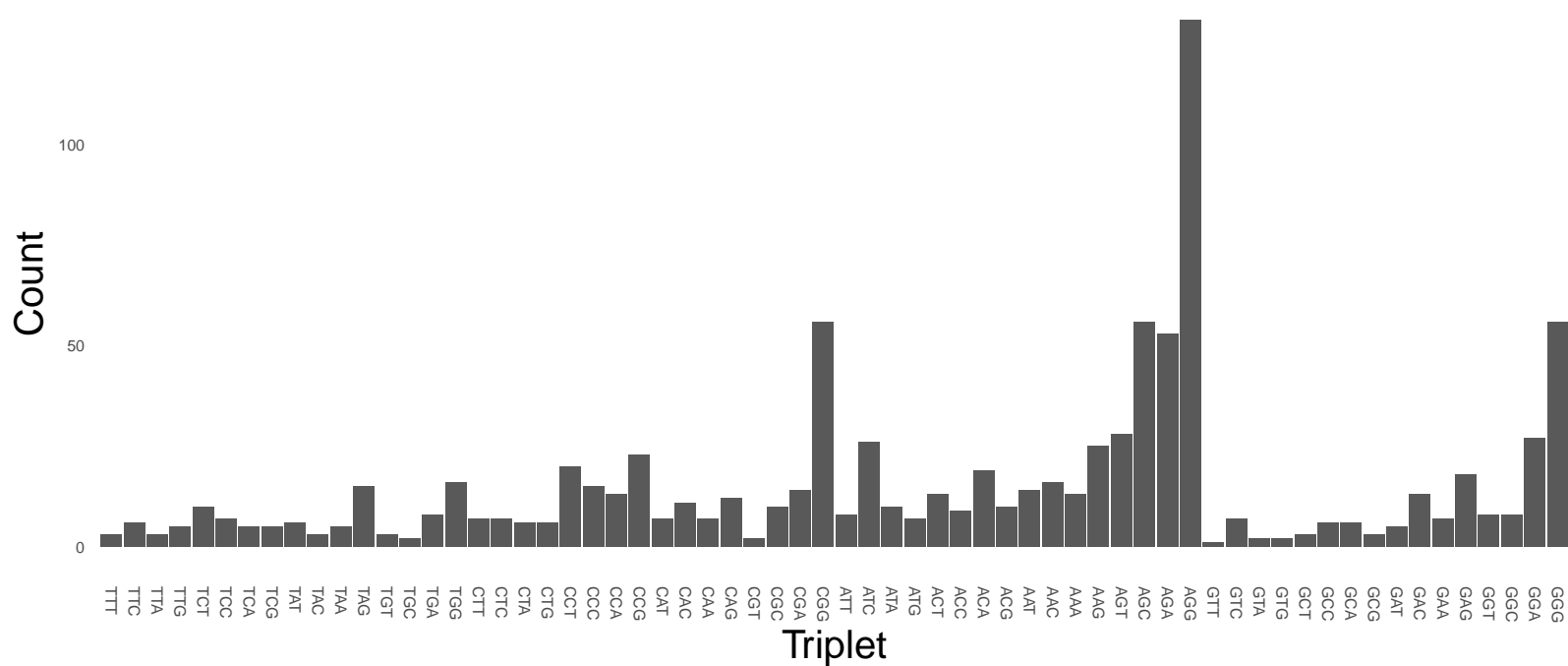
Gene TRBV7-7*ap01_C315T



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

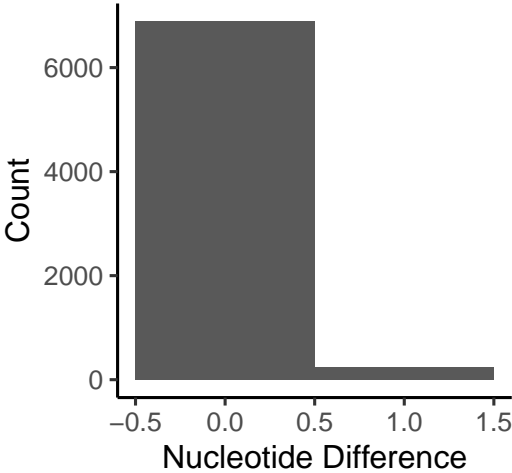


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



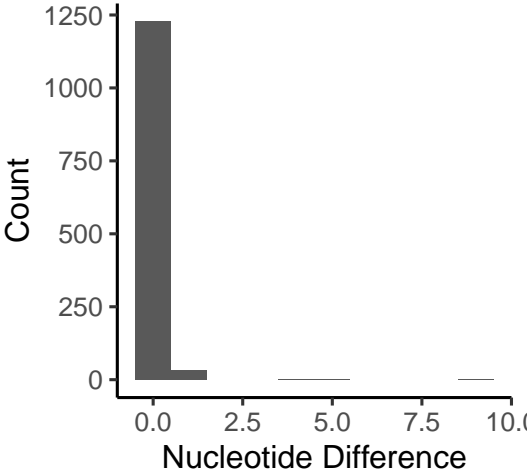
TRBV20-1*ap01

7120 sequences assigned
6888 (96.7%) exact matches, in which:
6818 unique CDR3
13 unique J



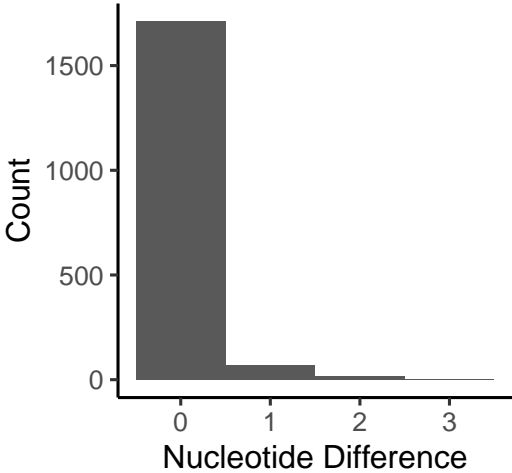
TRBV10-2*ap01

1267 sequences assigned
1228 (96.9%) exact matches, in which:
1218 unique CDR3
13 unique J



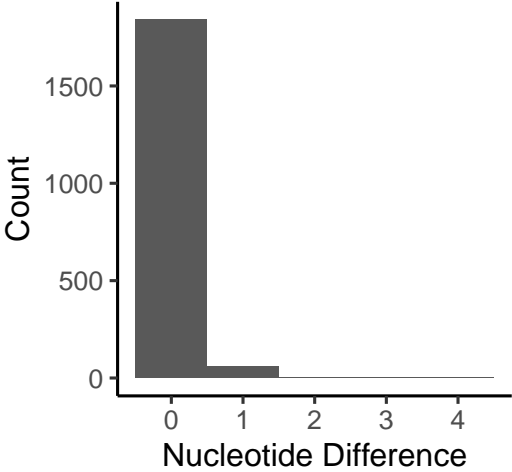
TRBV13*ap01

1801 sequences assigned
1711 (95%) exact matches, in which:
1671 unique CDR3
13 unique J



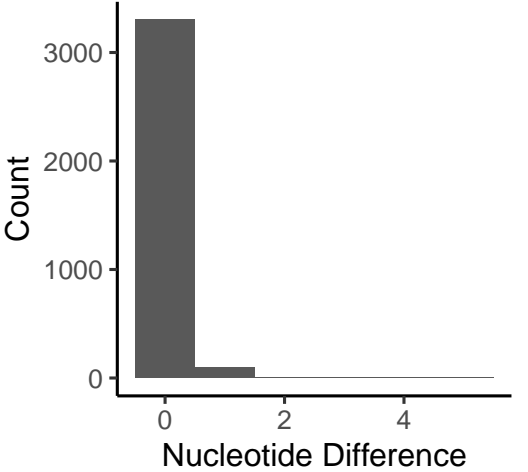
TRBV10-1*ap01

1904 sequences assigned
1840 (96.6%) exact matches, in which:
1831 unique CDR3
13 unique J



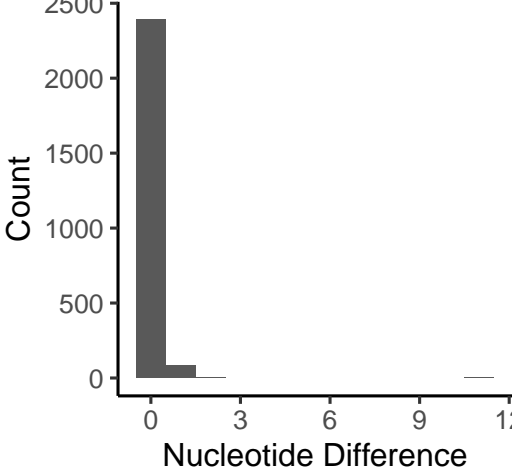
TRBV10-3*ap01

3402 sequences assigned
3302 (97.1%) exact matches, in which:
3270 unique CDR3
13 unique J



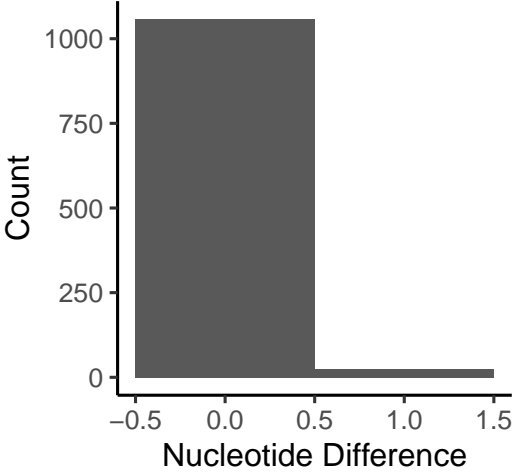
TRBV14*ap01

2477 sequences assigned
2390 (96.5%) exact matches, in which:
2366 unique CDR3
13 unique J



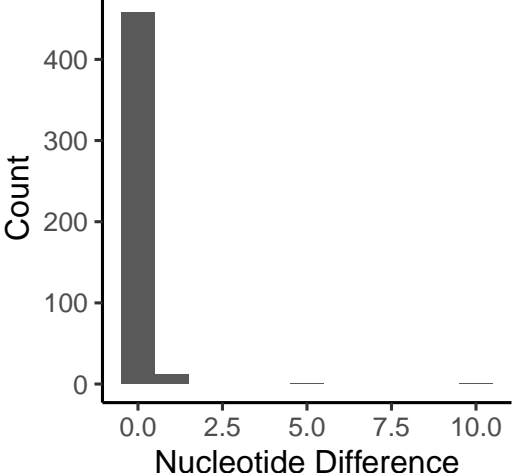
TRBV20-1*ap02

1082 sequences assigned
1058 (97.8%) exact matches, in which:
1050 unique CDR3
13 unique J



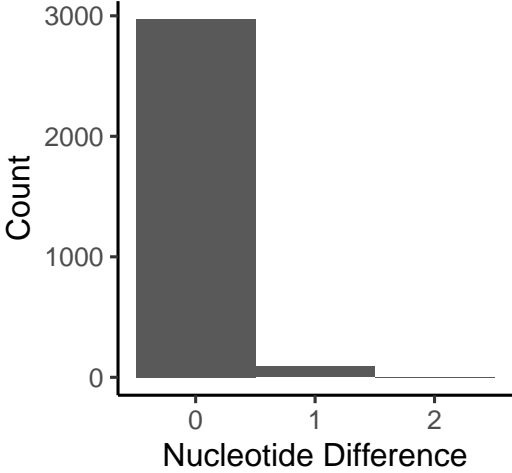
TRBV1*ap01

472 sequences assigned
458 (97%) exact matches, in which:
451 unique CDR3
13 unique J



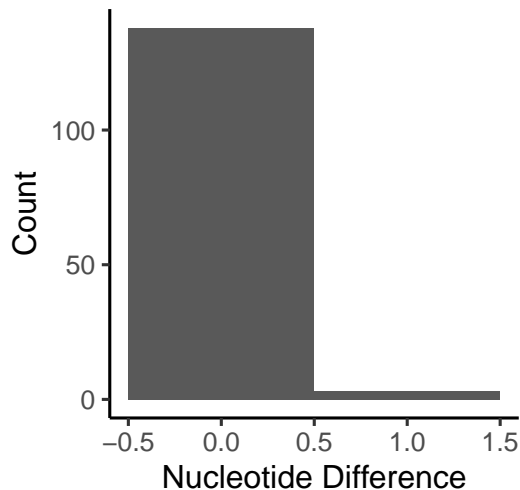
TRBV15*ap02

3063 sequences assigned
2973 (97.1%) exact matches, in which:
2919 unique CDR3
13 unique J



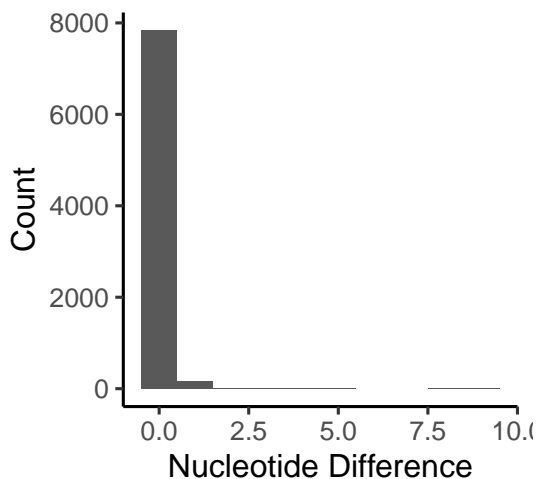
TRBV16*ap01

141 sequences assigned
138 (97.9%) exact matches, in which:
138 unique CDR3
11 unique J



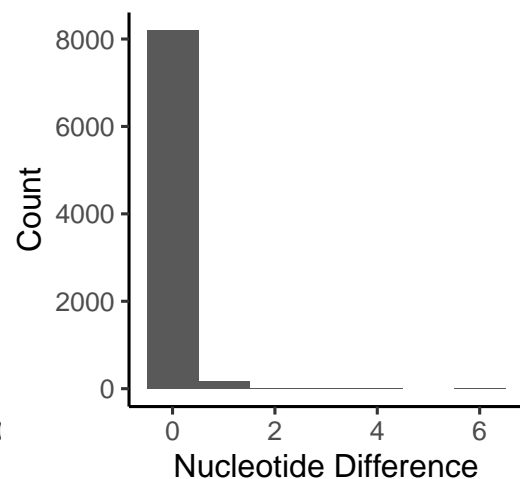
TRBV19*ap01

8017 sequences assigned
7836 (97.7%) exact matches, in which:
7780 unique CDR3
13 unique J



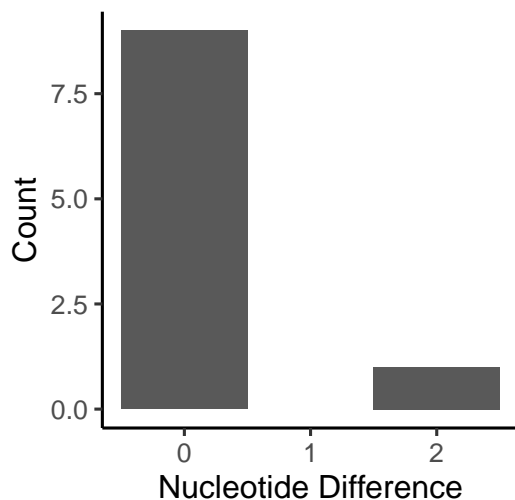
TRBV28*ap01

8382 sequences assigned
8197 (97.8%) exact matches, in which:
8119 unique CDR3
13 unique J



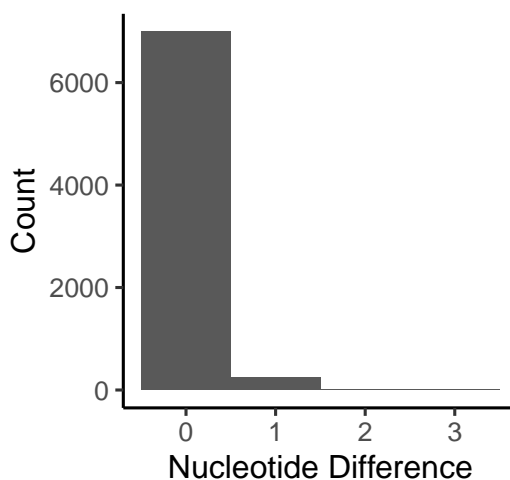
TRBV17*ap01

10 sequences assigned
9 (90%) exact matches, in which:
9 unique CDR3
6 unique J



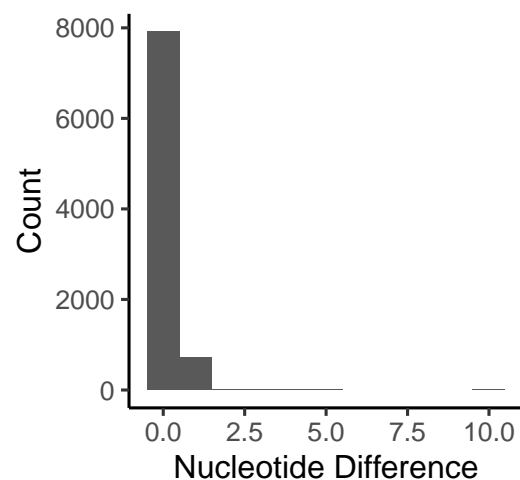
TRBV2*ap01

7231 sequences assigned
6993 (96.7%) exact matches, in which:
6931 unique CDR3
13 unique J



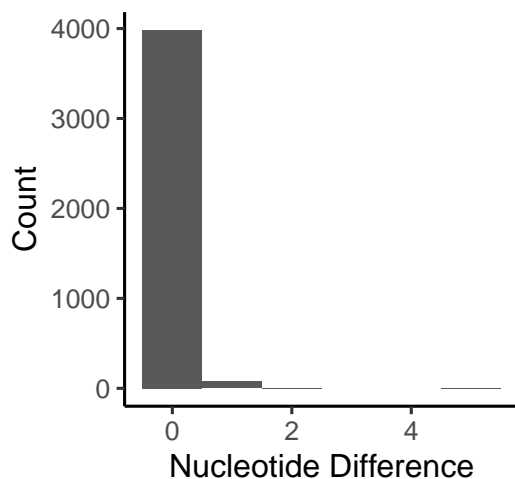
TRBV30*ap01

8634 sequences assigned
7914 (91.7%) exact matches, in which:
7713 unique CDR3
13 unique J



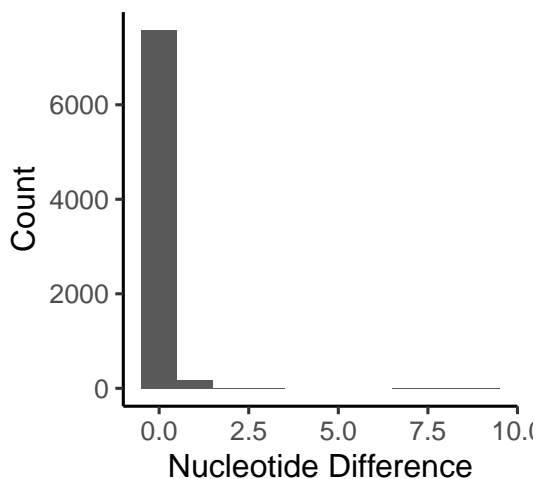
TRBV18*ap01

4062 sequences assigned
3983 (98.1%) exact matches, in which:
3958 unique CDR3
13 unique J



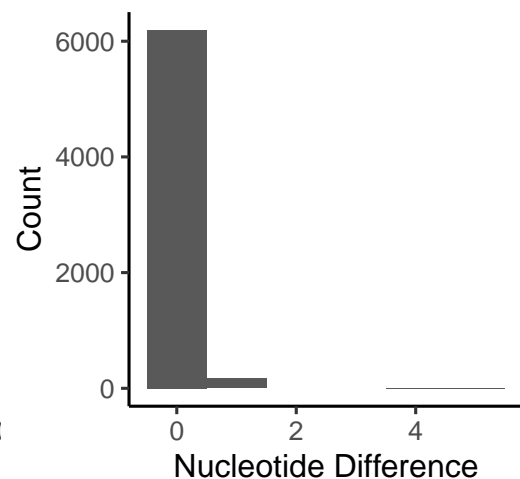
TRBV27*ap01

7764 sequences assigned
7581 (97.6%) exact matches, in which:
7496 unique CDR3
13 unique J



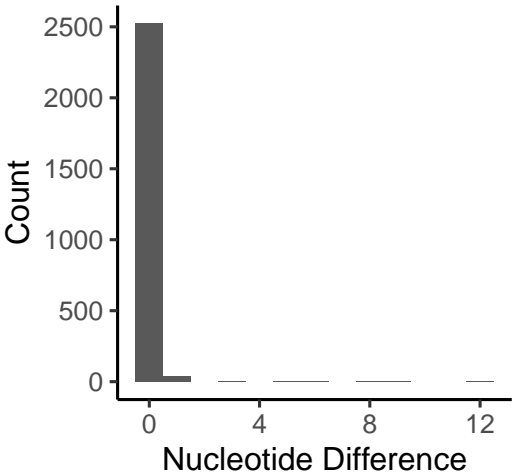
TRBV9*ap01

6366 sequences assigned
6193 (97.3%) exact matches, in which:
6144 unique CDR3
13 unique J



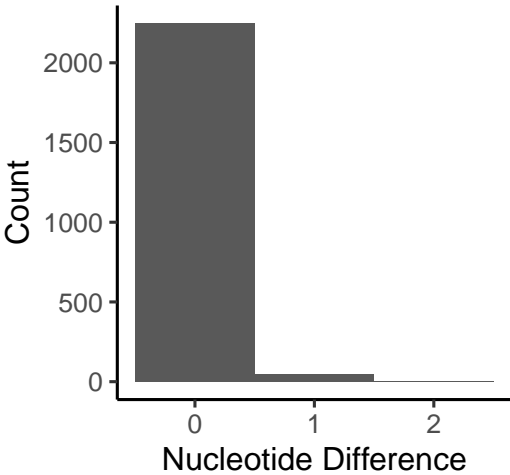
TRBV21-1*ap01

2579 sequences assigned
2524 (97.9%) exact matches, in which:
2506 unique CDR3
13 unique J



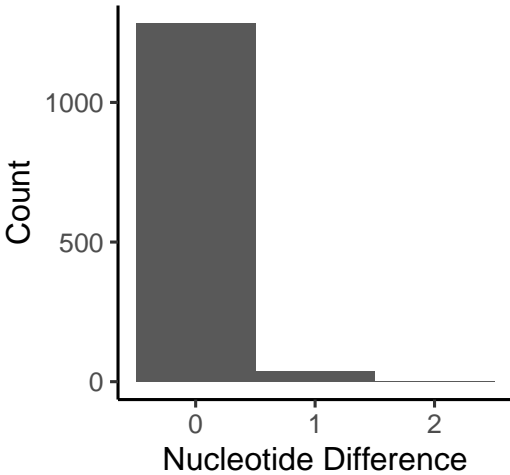
TRBV11-3*ap01

2296 sequences assigned
2247 (97.9%) exact matches, in which:
2234 unique CDR3
13 unique J



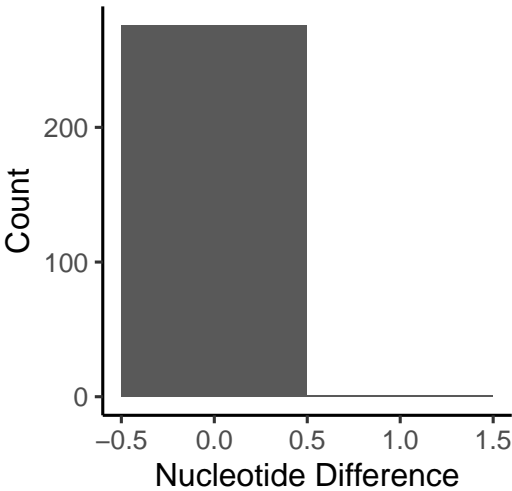
TRBV12-5*ap01

1323 sequences assigned
1283 (97%) exact matches, in which:
1276 unique CDR3
13 unique J



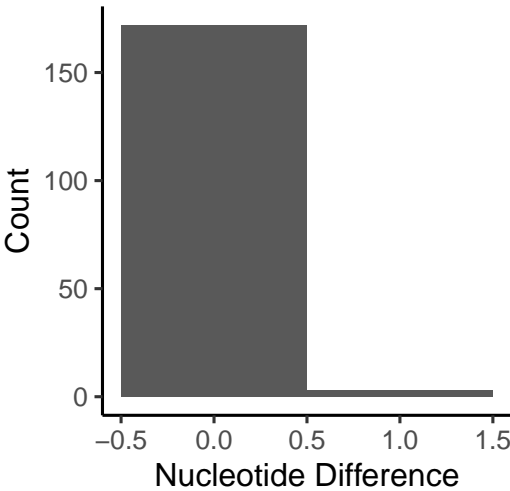
TRBV11-1*ap01

277 sequences assigned
276 (99.6%) exact matches, in which:
275 unique CDR3
12 unique J



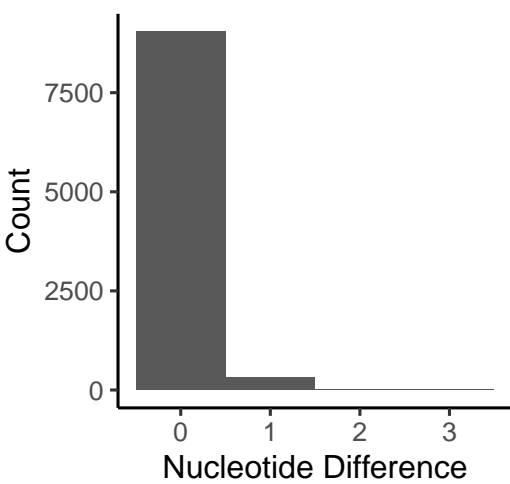
TRBV12-1*ap01

175 sequences assigned
172 (98.3%) exact matches, in which:
170 unique CDR3
12 unique J



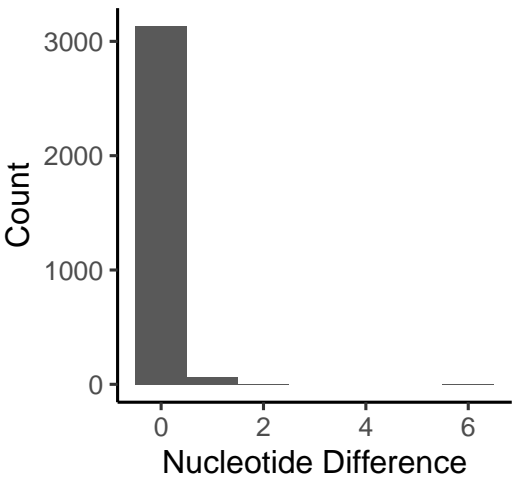
TRBV12-34*ap01

9362 sequences assigned
9037 (96.5%) exact matches, in which:
8957 unique CDR3
13 unique J



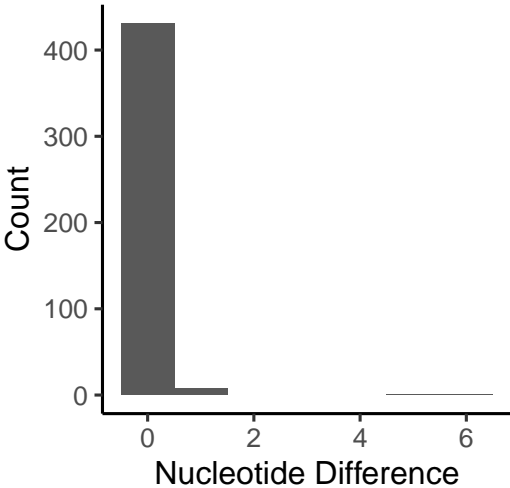
TRBV11-2*ap01

3203 sequences assigned
3134 (97.8%) exact matches, in which:
3122 unique CDR3
13 unique J



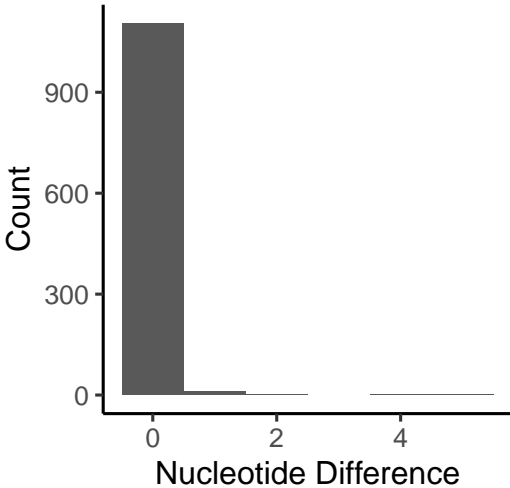
TRBV12-2*ap01

441 sequences assigned
431 (97.7%) exact matches, in which:
427 unique CDR3
13 unique J



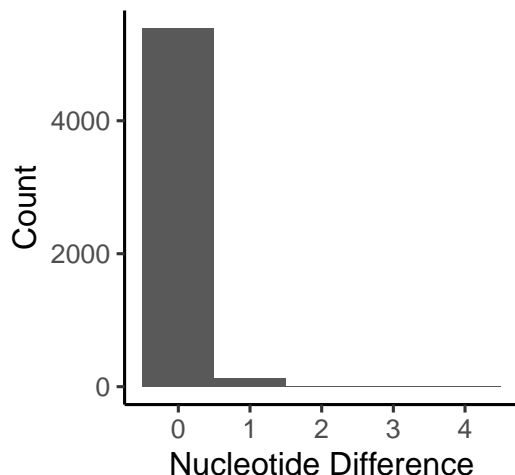
TRBV23-1*ap01

1120 sequences assigned
1105 (98.7%) exact matches, in which:
1100 unique CDR3
13 unique J



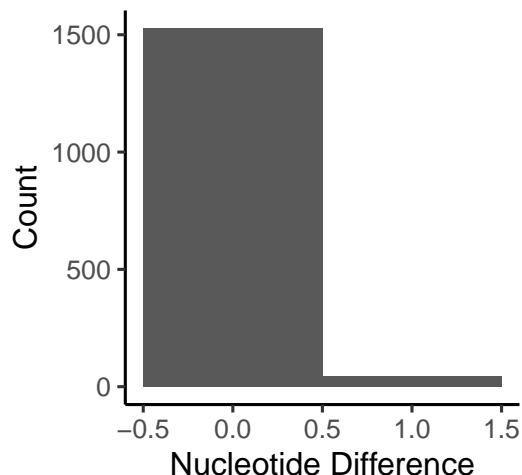
TRBV3-12*ap01

5525 sequences assigned
5389 (97.5%) exact matches, in which:
5350 unique CDR3
13 unique J



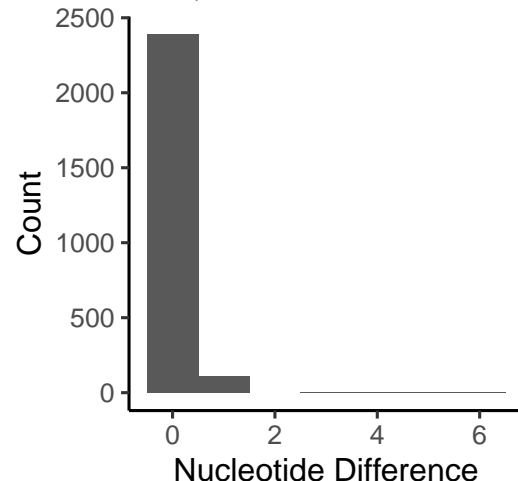
TRBV4-2*ap01

1572 sequences assigned
1527 (97.1%) exact matches, in which:
1490 unique CDR3
13 unique J



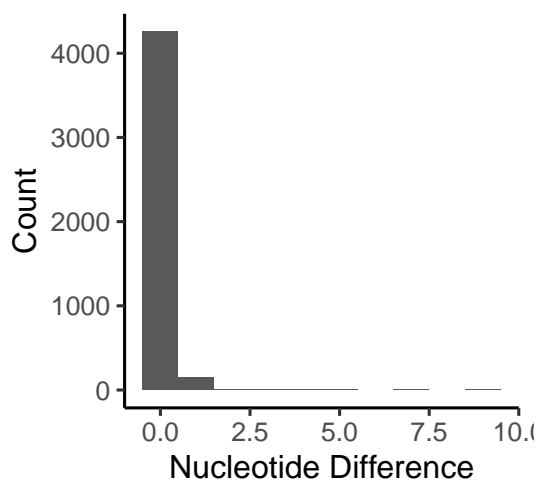
TRBV25-1*ap01

2502 sequences assigned
2389 (95.5%) exact matches, in which:
2329 unique CDR3
13 unique J



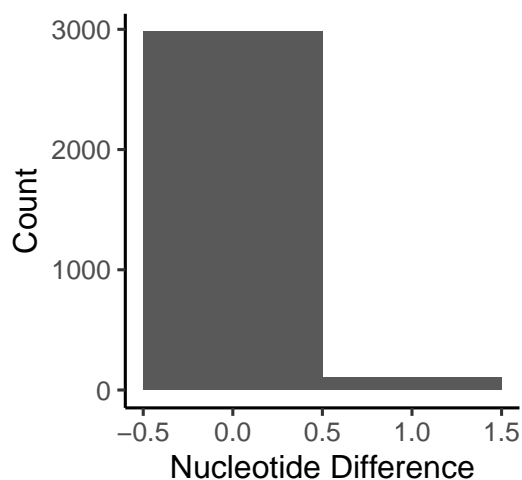
TRBV24-1*ap01

4412 sequences assigned
4256 (96.5%) exact matches, in which:
4193 unique CDR3
13 unique J



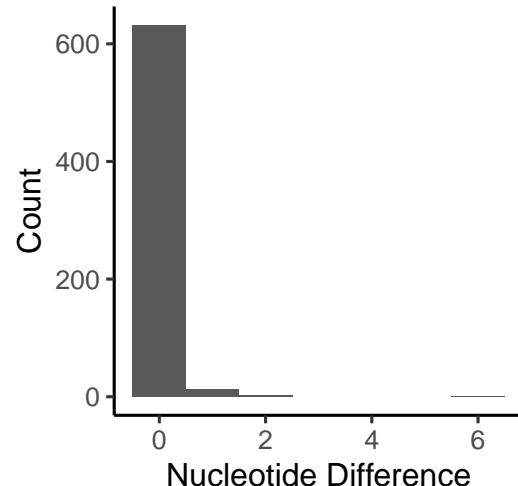
TRBV4-3*ap01

3086 sequences assigned
2980 (96.6%) exact matches, in which:
2941 unique CDR3
13 unique J



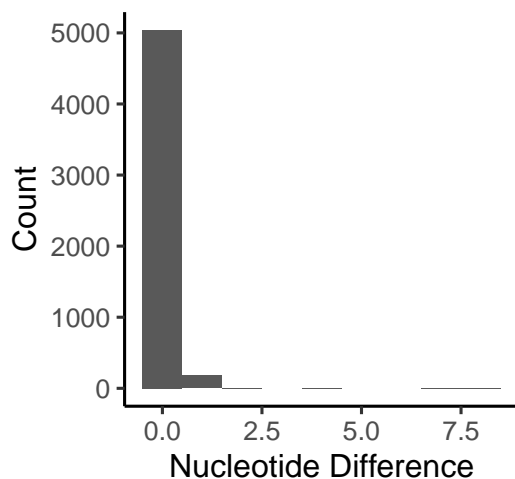
TRBV5-3*ap01

648 sequences assigned
632 (97.5%) exact matches, in which:
621 unique CDR3
13 unique J



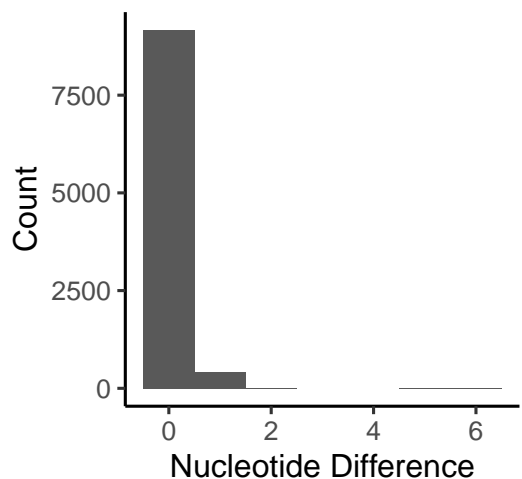
TRBV4-1*ap01

5225 sequences assigned
5040 (96.5%) exact matches, in which:
4963 unique CDR3
13 unique J



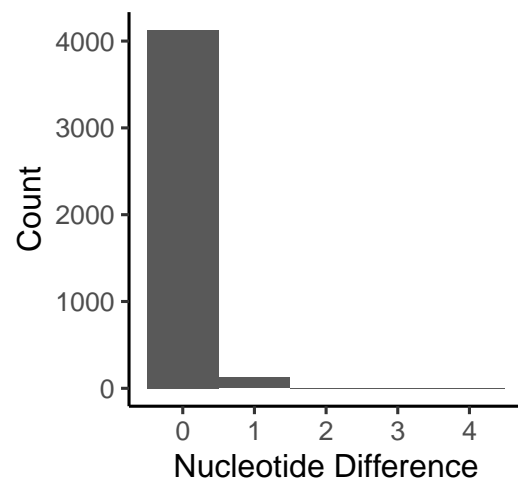
TRBV5-1*ap01

9584 sequences assigned
9166 (95.6%) exact matches, in which:
9021 unique CDR3
13 unique J



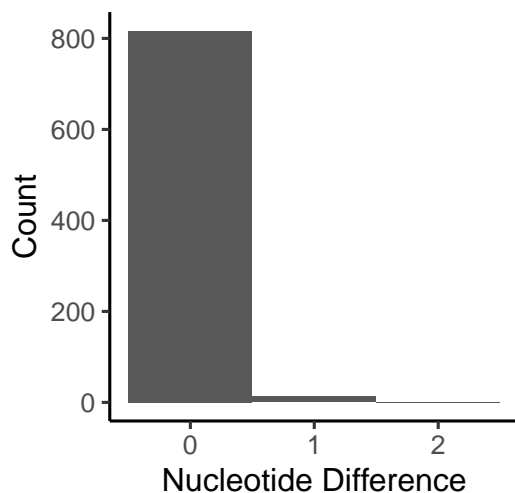
TRBV5-4*ap01

4255 sequences assigned
4127 (97%) exact matches, in which:
4056 unique CDR3
13 unique J



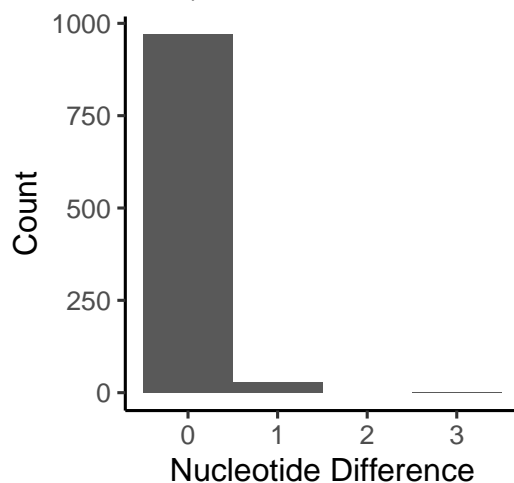
TRBV5-5*ap01

831 sequences assigned
817 (98.3%) exact matches, in which:
808 unique CDR3
13 unique J



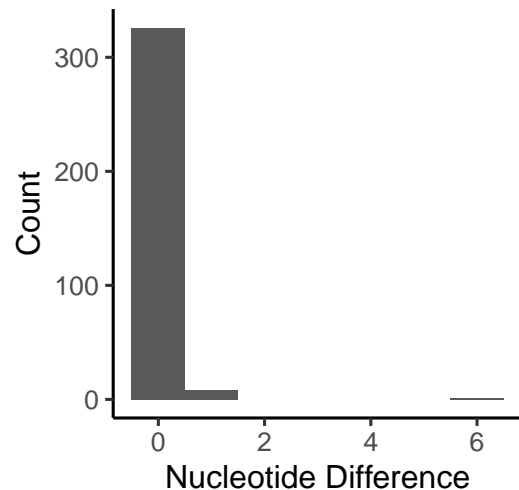
TRBV5-8*ap01

1000 sequences assigned
970 (97%) exact matches, in which:
966 unique CDR3
13 unique J



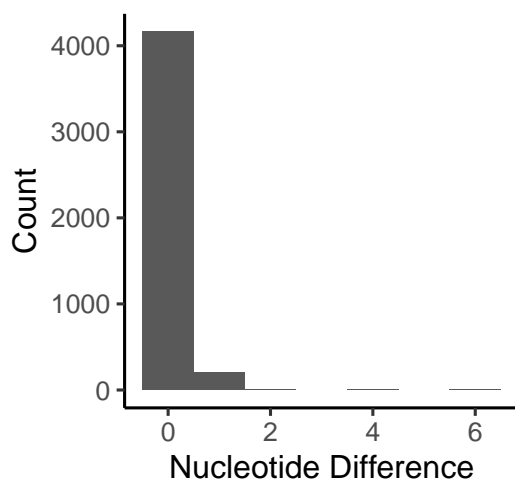
TRBV6-7*ap01

335 sequences assigned
326 (97.3%) exact matches, in which:
320 unique CDR3
13 unique J



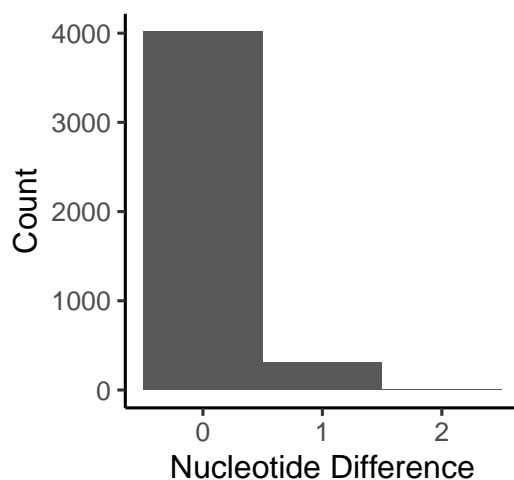
TRBV5-6*ap01

4370 sequences assigned
4163 (95.3%) exact matches, in which:
4075 unique CDR3
13 unique J



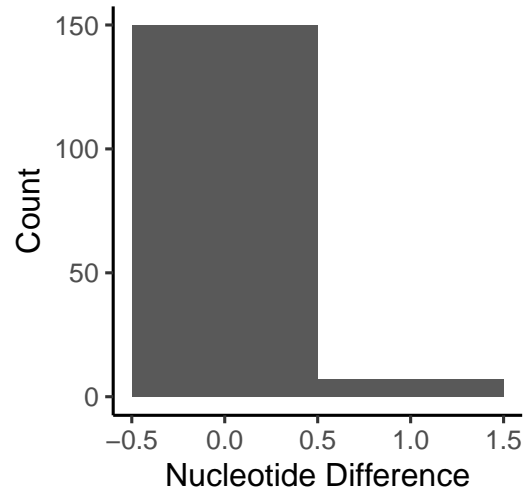
TRBV6-1*ap01

4329 sequences assigned
4016 (92.8%) exact matches, in which:
3932 unique CDR3
13 unique J



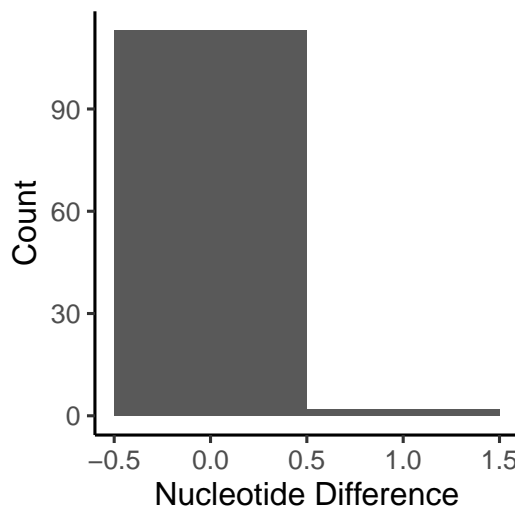
TRBV6-8*ap01

157 sequences assigned
150 (95.5%) exact matches, in which:
149 unique CDR3
12 unique J



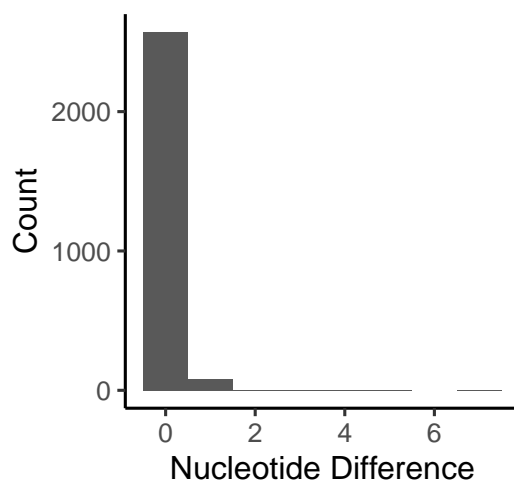
TRBV5-7*ap01

115 sequences assigned
113 (98.3%) exact matches, in which:
107 unique CDR3
13 unique J



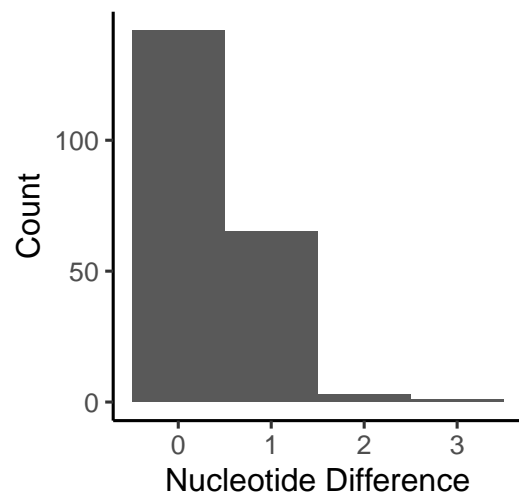
TRBV6-4*ap01

2663 sequences assigned
2571 (96.5%) exact matches, in which:
2531 unique CDR3
13 unique J



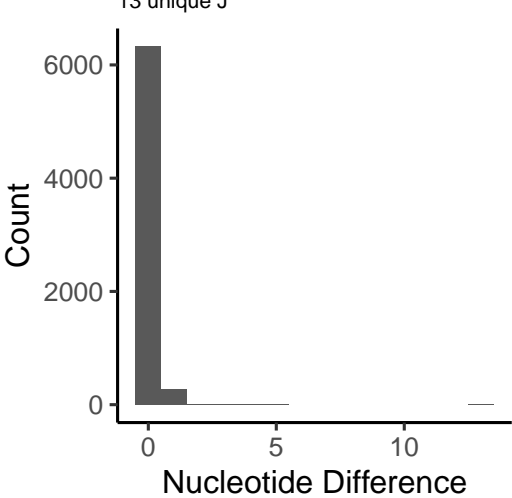
TRBV6-9*ap01

211 sequences assigned
142 (67.3%) exact matches, in which:
141 unique CDR3
13 unique J



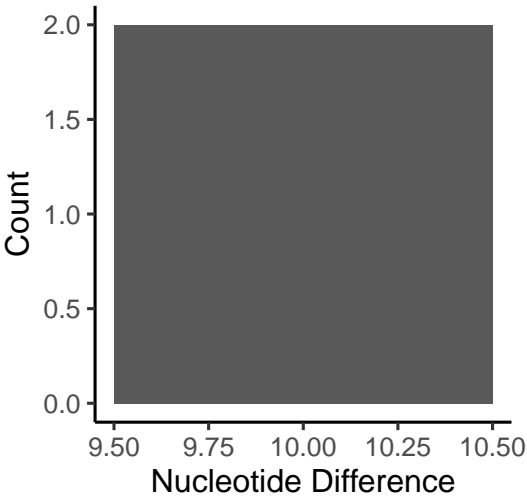
TRBV6-23*ap01

6599 sequences assigned
6327 (95.9%) exact matches, in which:
6202 unique CDR3
13 unique J



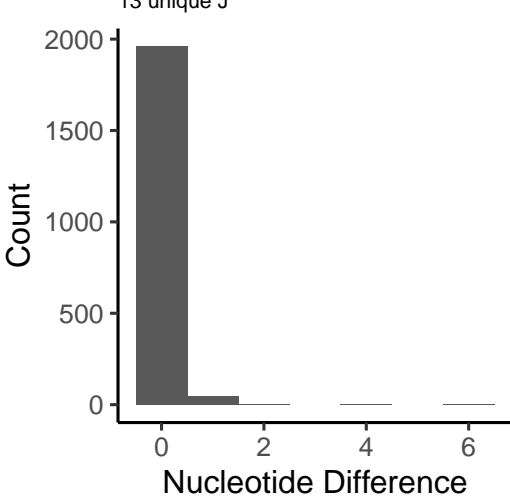
TRBV7-1*ap01

2 sequences assigned
No exact matches.



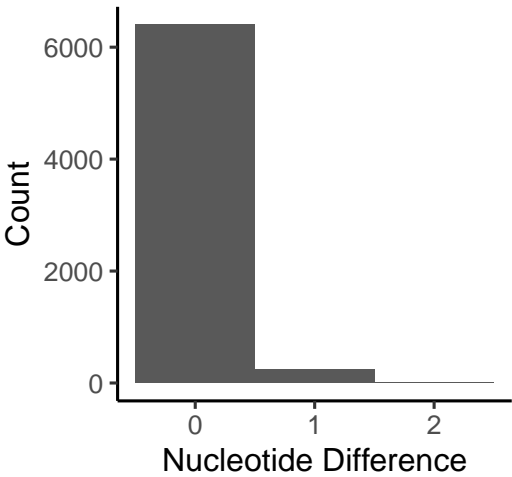
TRBV7-3*ap01

2012 sequences assigned
1960 (97.4%) exact matches, in which:
1950 unique CDR3
13 unique J



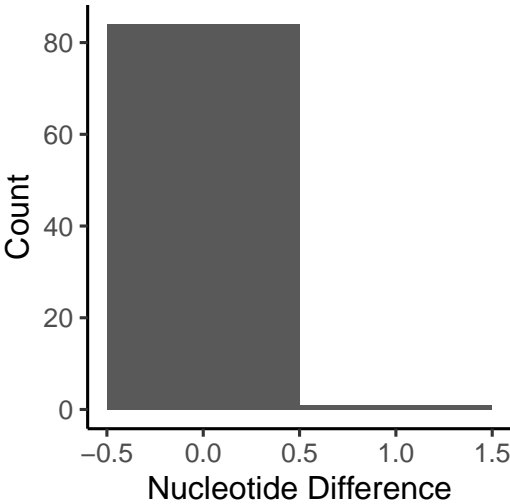
TRBV6-56*ap01

6643 sequences assigned
6401 (96.4%) exact matches, in which:
6275 unique CDR3
13 unique J



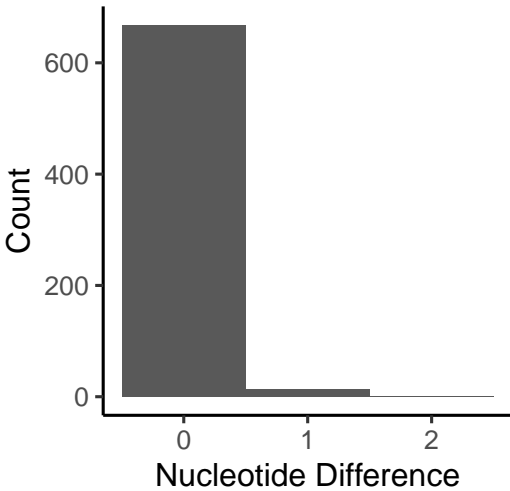
TRBV7-1*ap01_G291C_T

85 sequences assigned
84 (98.8%) exact matches, in which:
79 unique CDR3
11 unique J



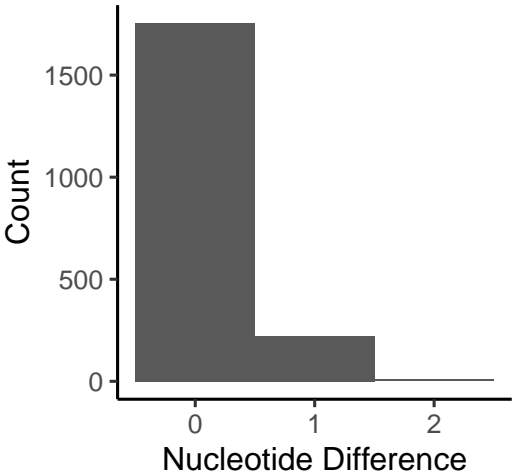
TRBV7-3*ap02

682 sequences assigned
668 (97.9%) exact matches, in which:
664 unique CDR3
13 unique J



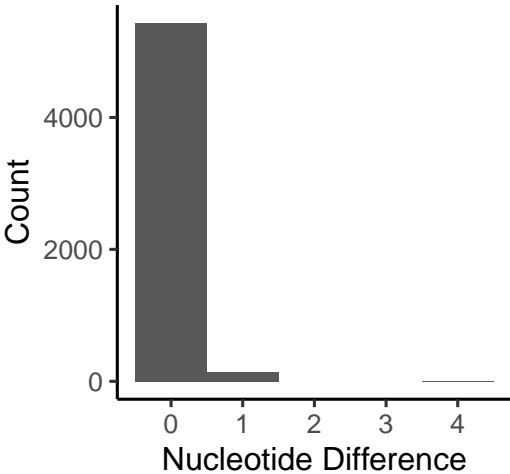
TRBV6-56*ap02

1986 sequences assigned
1755 (88.4%) exact matches, in which:
1733 unique CDR3
13 unique J



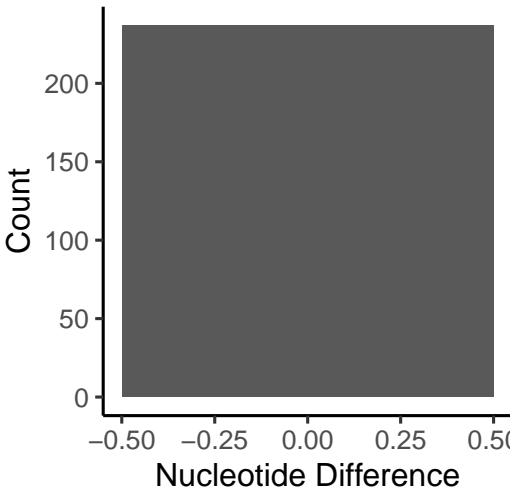
TRBV7-2*ap01

5573 sequences assigned
5431 (97.5%) exact matches, in which:
5378 unique CDR3
13 unique J



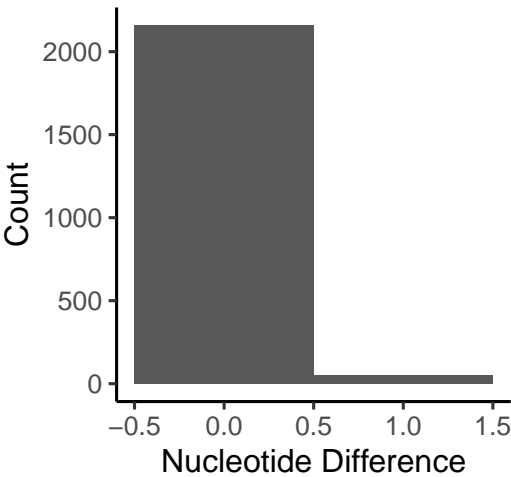
TRBV7-4*ap01

237 sequences assigned
237 (100%) exact matches, in which:
232 unique CDR3
13 unique J



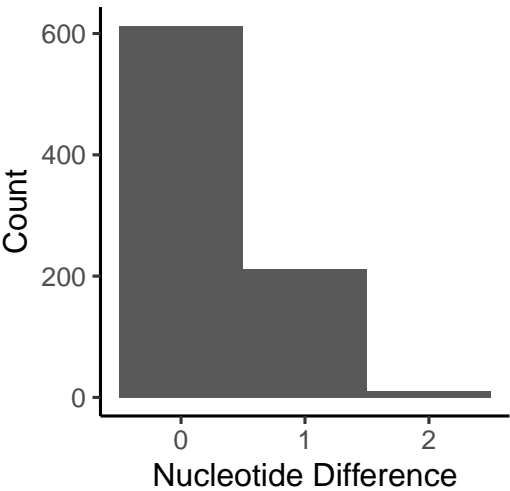
TRBV7-6*ap01

2209 sequences assigned
2158 (97.7%) exact matches, in which:
2137 unique CDR3
13 unique J



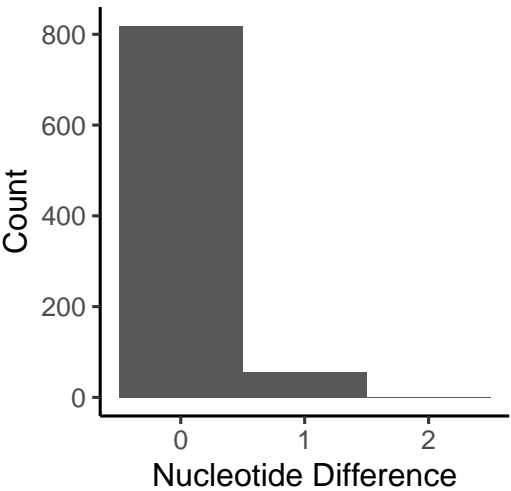
TRBV7-8*ap03

835 sequences assigned
613 (73.4%) exact matches, in which:
606 unique CDR3
13 unique J



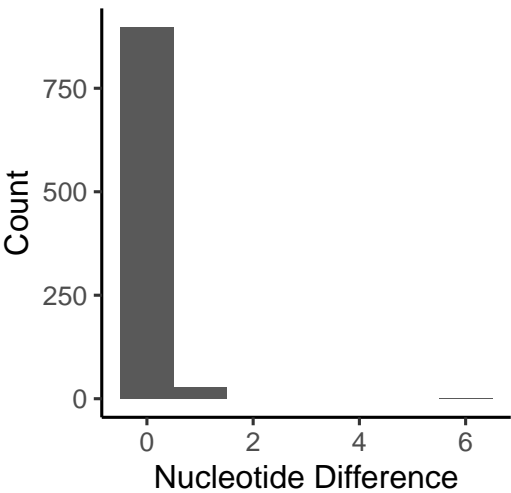
TRBV29-1*ap02

876 sequences assigned
819 (93.5%) exact matches, in which:
806 unique CDR3
13 unique J



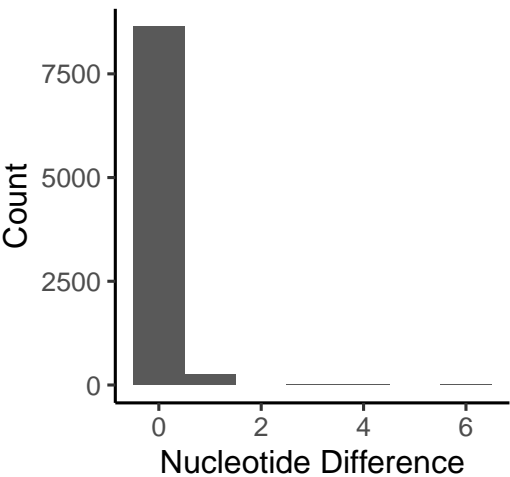
TRBV7-7*ap01_C315T

928 sequences assigned
898 (96.8%) exact matches, in which:
886 unique CDR3
13 unique J



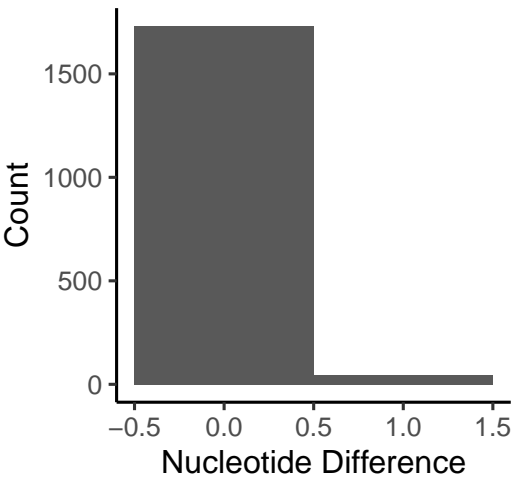
TRBV7-9*ap01

8906 sequences assigned
8636 (97%) exact matches, in which:
8556 unique CDR3
13 unique J



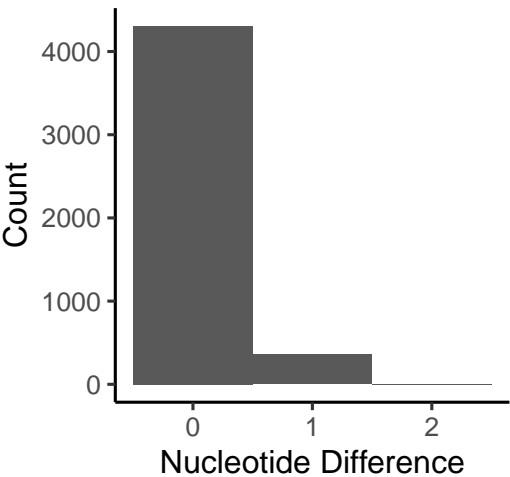
TRBV7-8*ap01

1777 sequences assigned
1731 (97.4%) exact matches, in which:
1710 unique CDR3
13 unique J

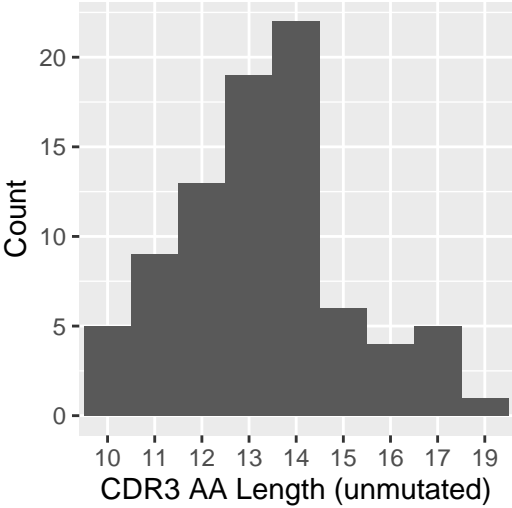


TRBV29-1*ap01

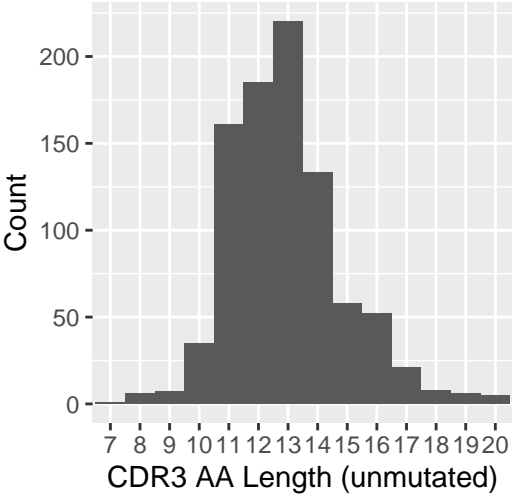
4666 sequences assigned
4306 (92.3%) exact matches, in which:
4222 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





[illegible]