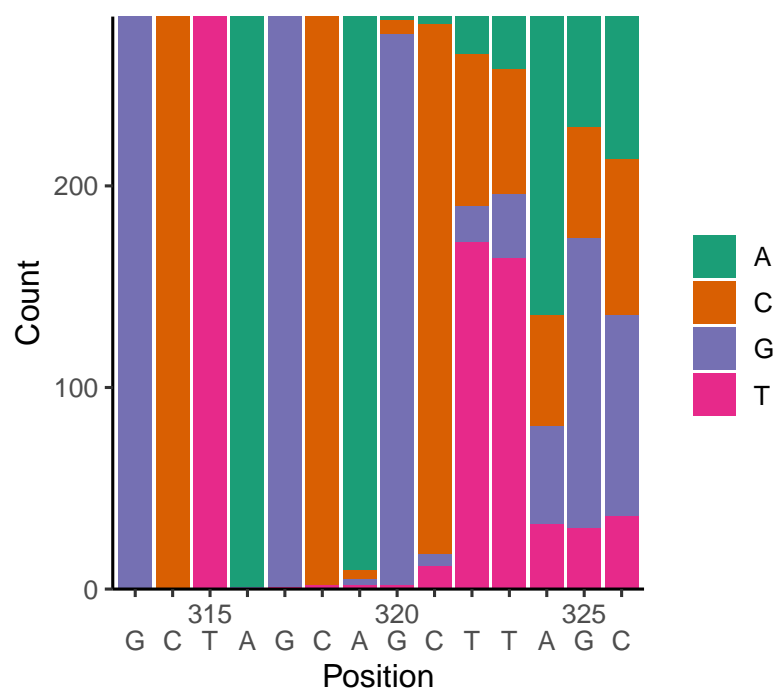


Gene TRBV7-1*ap01_G291C_T296C_C314T

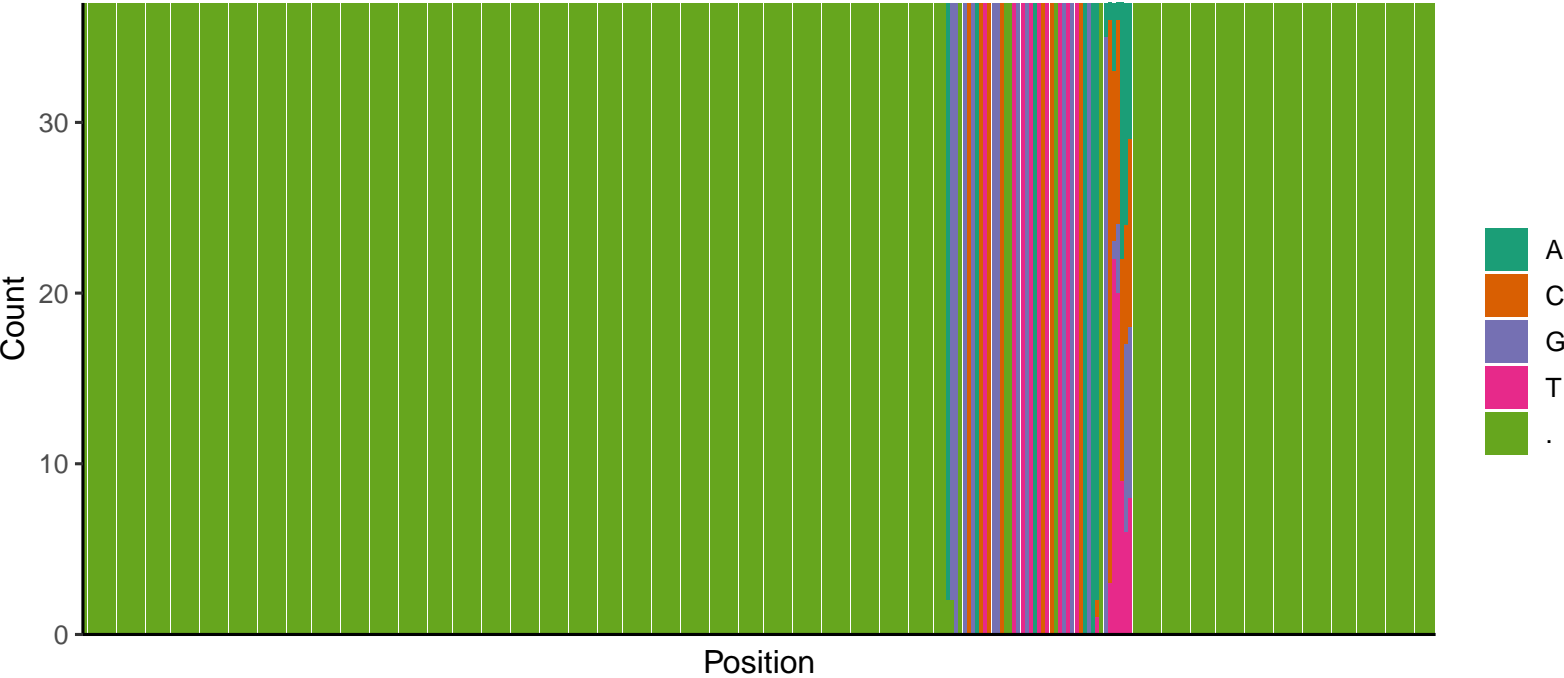


Gene TRBV7-1*ap01_G291C_T296C

Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



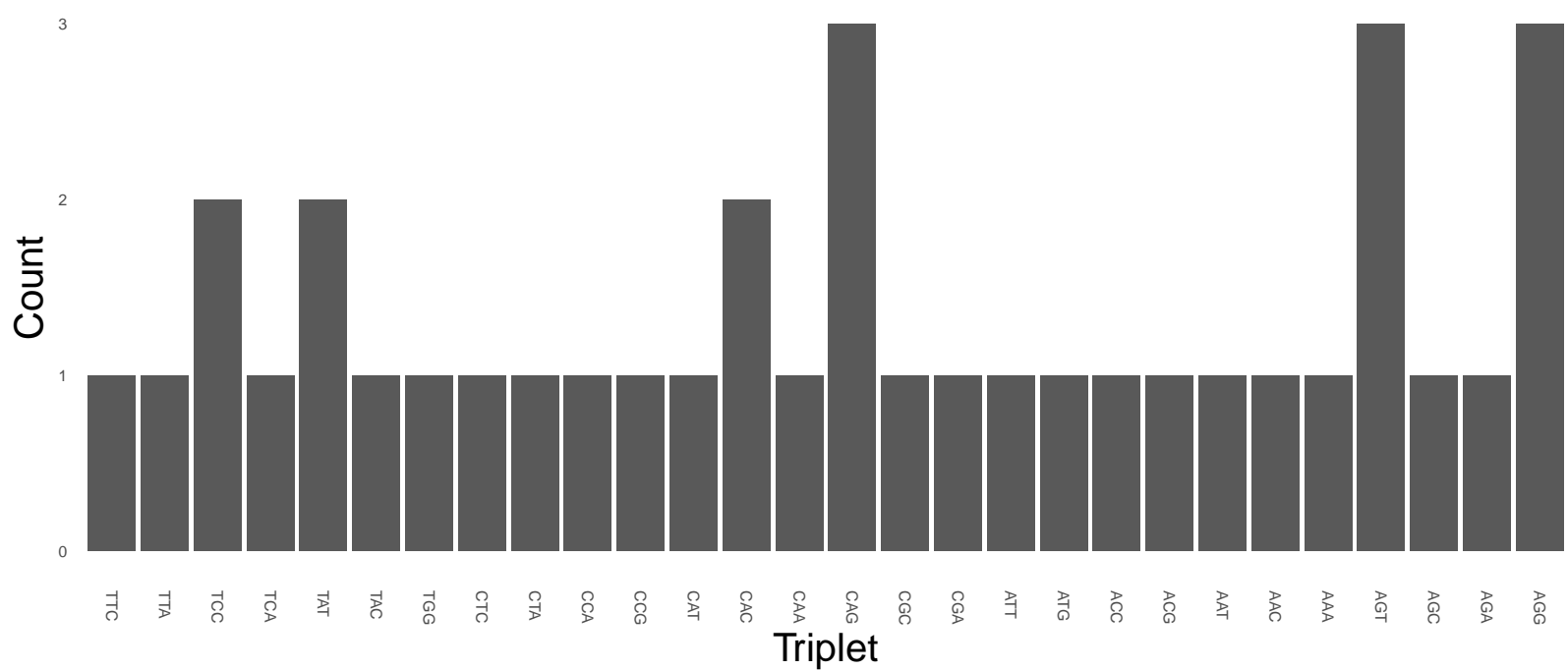
Gene TRBV7-1*ap01_G291C_T296C



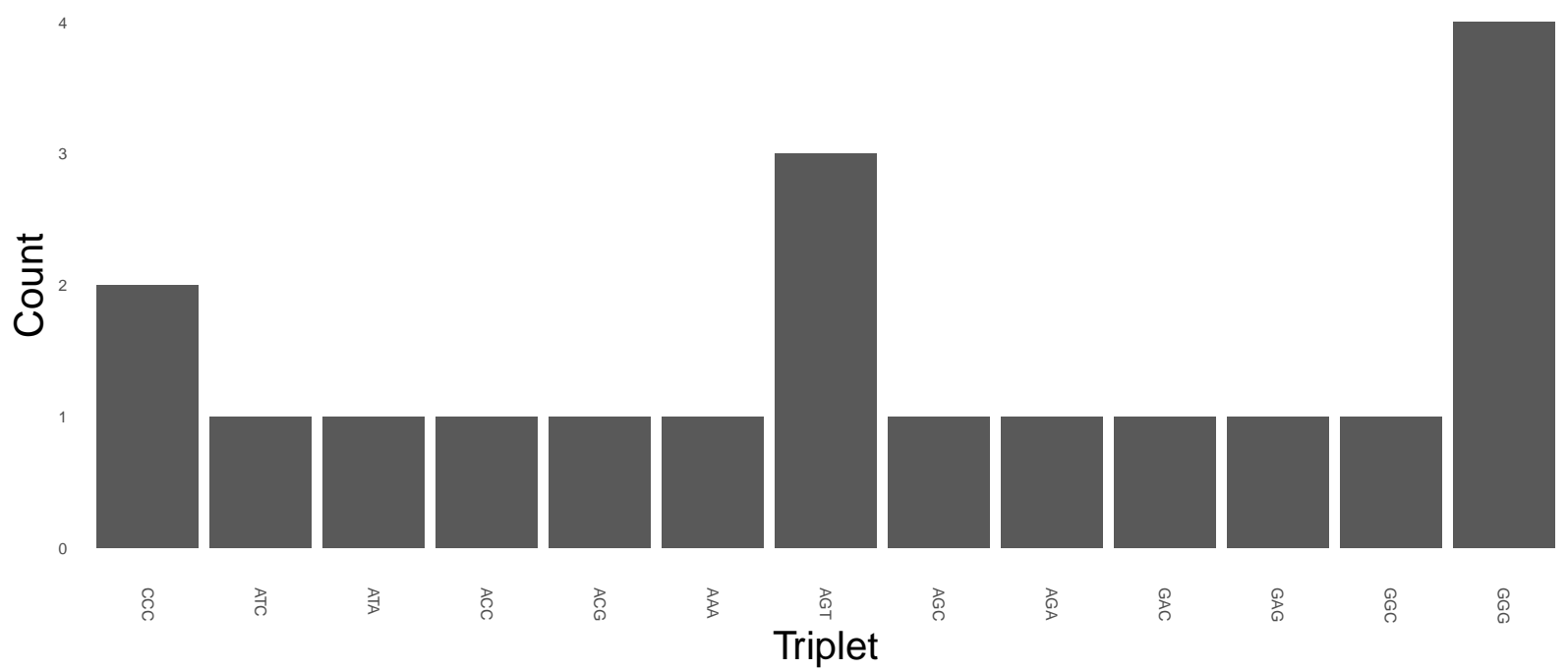
Gene TRBV7-7*ap01_C315T



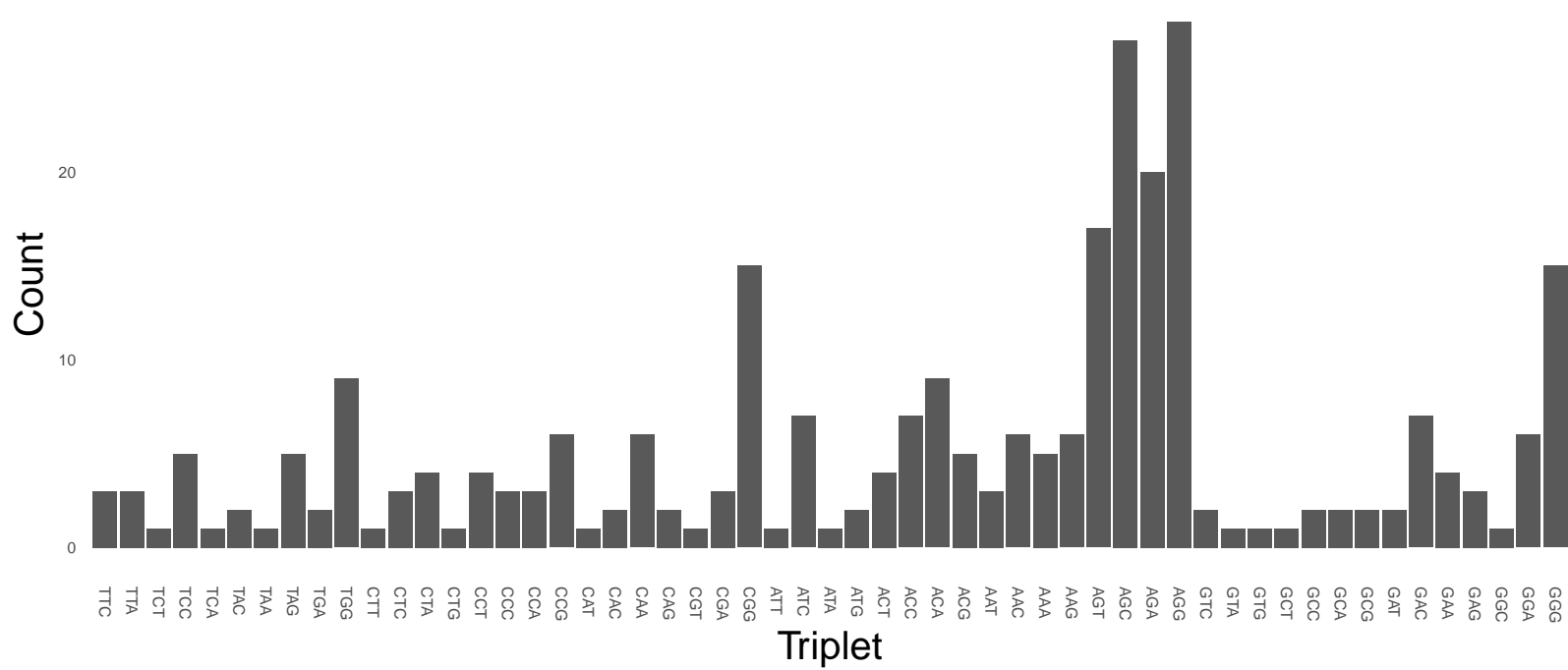
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

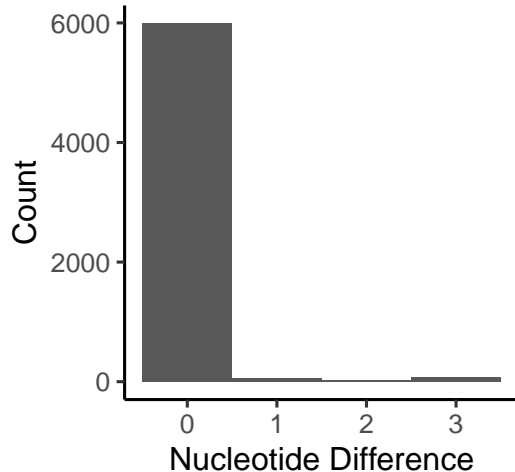


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



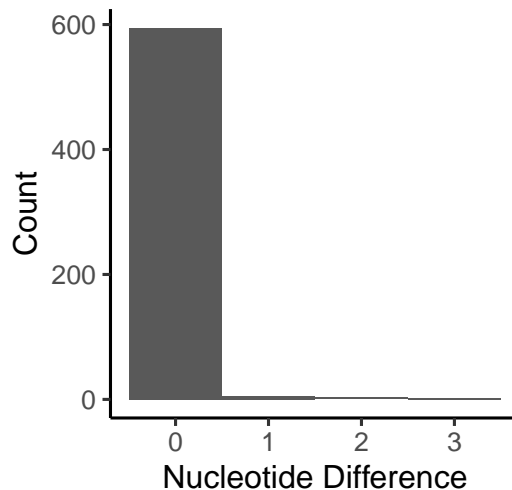
TRBV20-1*ap01

6142 sequences assigned
5992 (97.6%) exact matches, in which:
5876 unique CDR3
14 unique J



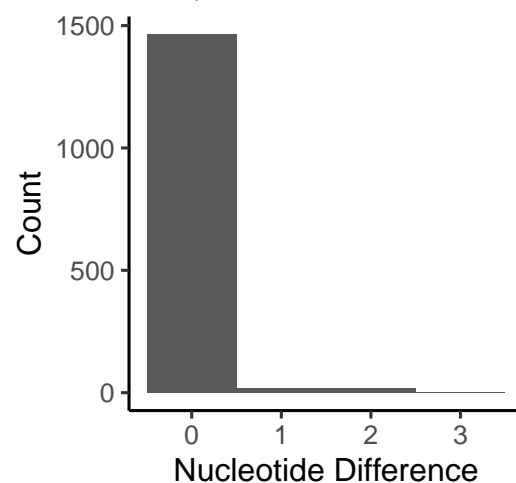
TRBV10-2*ap01

606 sequences assigned
595 (98.2%) exact matches, in which:
593 unique CDR3
13 unique J



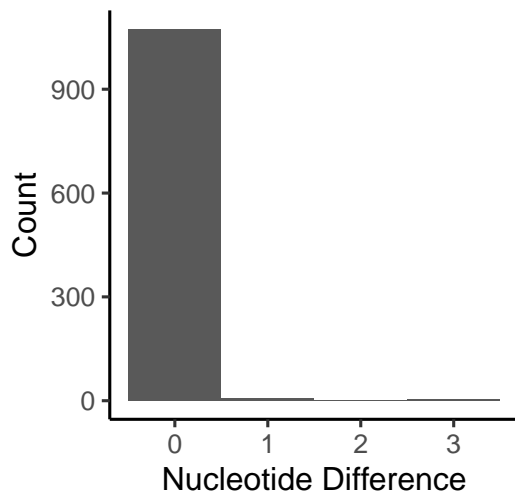
TRBV13*ap01

1507 sequences assigned
1464 (97.1%) exact matches, in which:
1436 unique CDR3
13 unique J



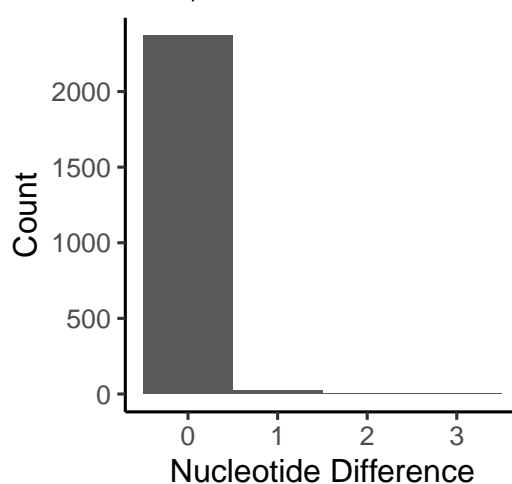
TRBV10-1*ap01

1086 sequences assigned
1074 (98.9%) exact matches, in which:
1066 unique CDR3
13 unique J



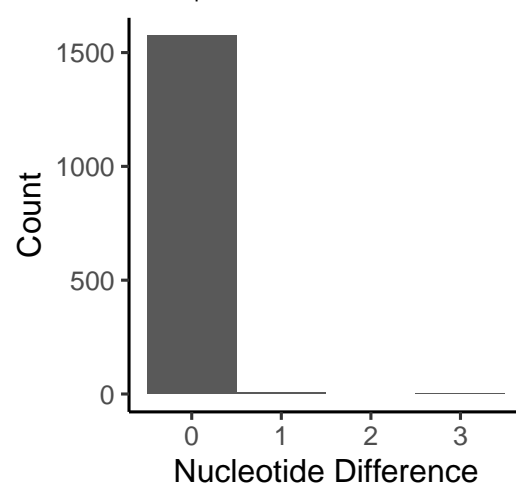
TRBV10-3*ap01

2396 sequences assigned
2369 (98.9%) exact matches, in which:
2342 unique CDR3
13 unique J



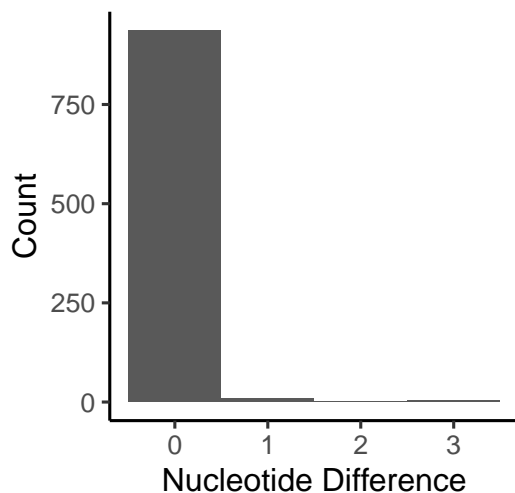
TRBV14*ap01

1581 sequences assigned
1574 (99.6%) exact matches, in which:
1556 unique CDR3
13 unique J



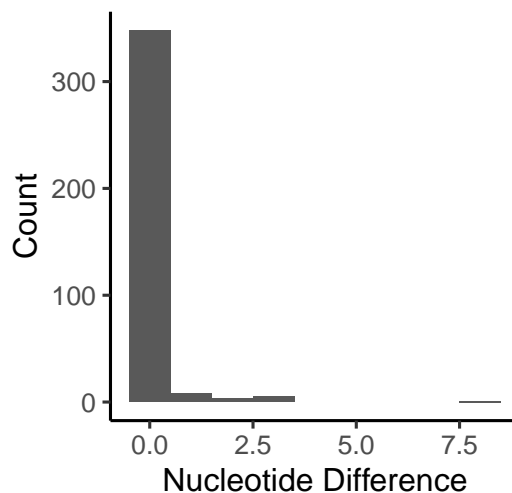
TRBV20-1*ap02

950 sequences assigned
937 (98.6%) exact matches, in which:
918 unique CDR3
13 unique J



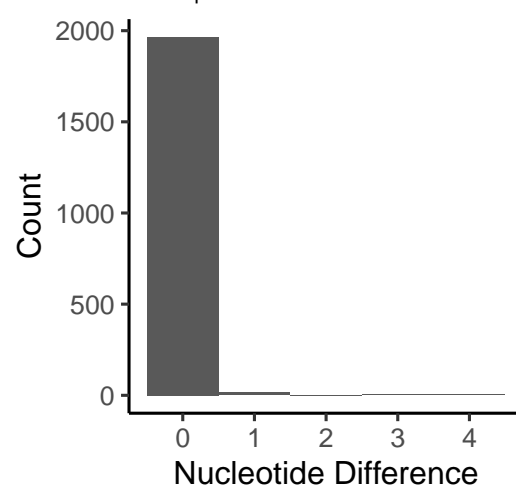
TRBV1*ap01

365 sequences assigned
348 (95.3%) exact matches, in which:
337 unique CDR3
13 unique J



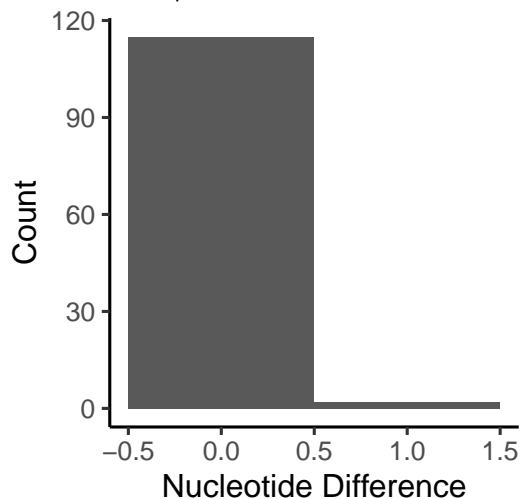
TRBV15*ap02

1990 sequences assigned
1965 (98.7%) exact matches, in which:
1934 unique CDR3
13 unique J



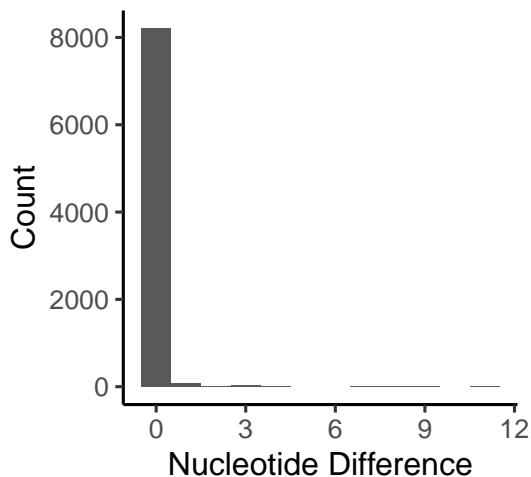
TRBV16*ap01

117 sequences assigned
115 (98.3%) exact matches, in which:
115 unique CDR3
12 unique J



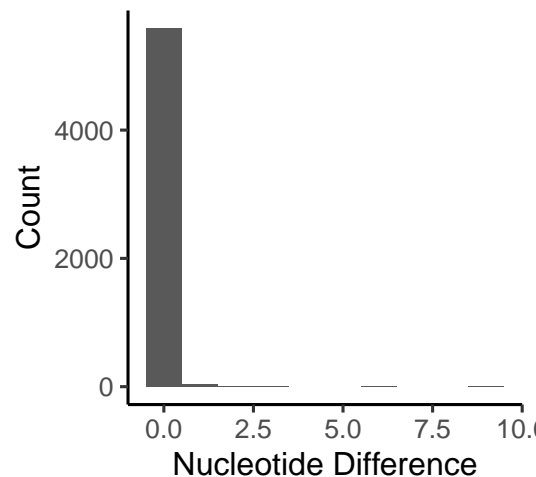
TRBV19*ap01

8320 sequences assigned
8207 (98.6%) exact matches, in which:
8115 unique CDR3
13 unique J



TRBV27*ap01

5656 sequences assigned
5585 (98.7%) exact matches, in which:
5524 unique CDR3
13 unique J



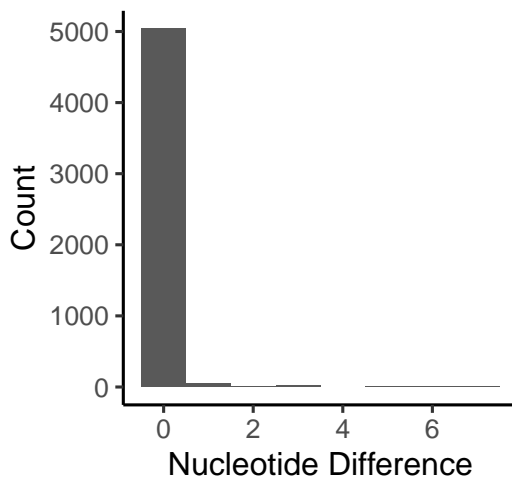
TRBV17*ap01

1 sequences assigned
No exact matches.



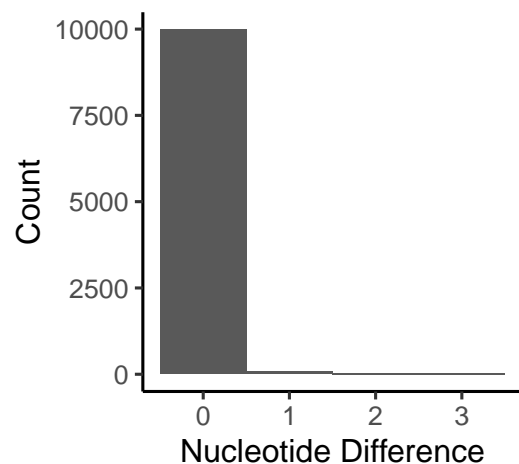
TRBV2*ap01

5108 sequences assigned
5039 (98.6%) exact matches, in which:
4996 unique CDR3
13 unique J



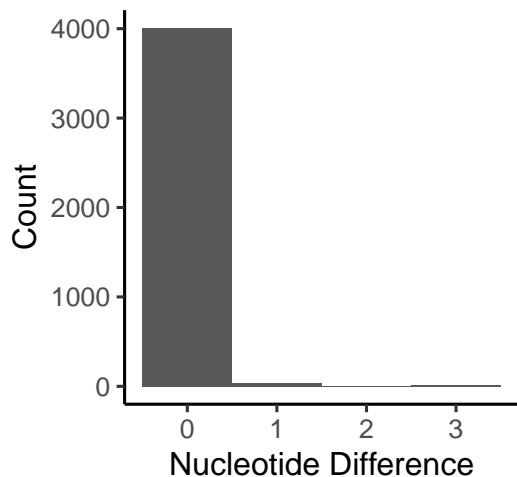
TRBV28*ap01

10144 sequences assigned
9989 (98.5%) exact matches, in which:
9869 unique CDR3
13 unique J



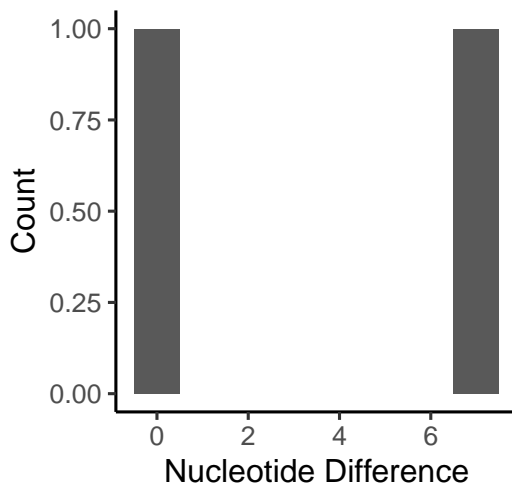
TRBV18*ap01

4065 sequences assigned
4007 (98.6%) exact matches, in which:
3917 unique CDR3
13 unique J



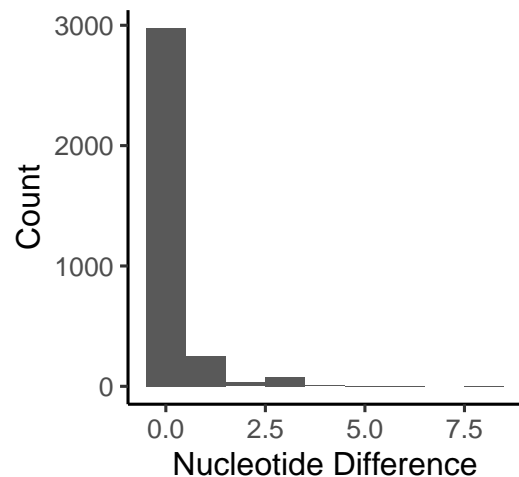
TRBV26*ap01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



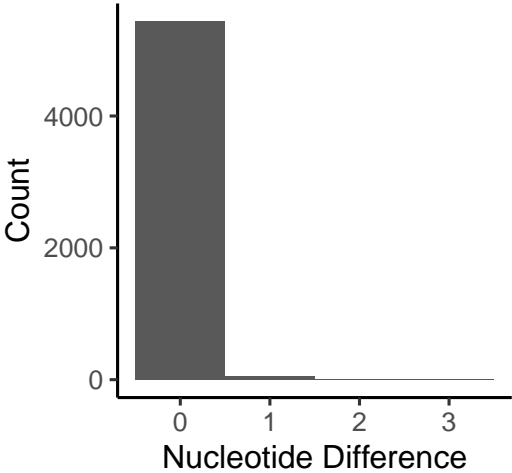
TRBV30*ap01

3348 sequences assigned
2977 (88.9%) exact matches, in which:
2901 unique CDR3
13 unique J



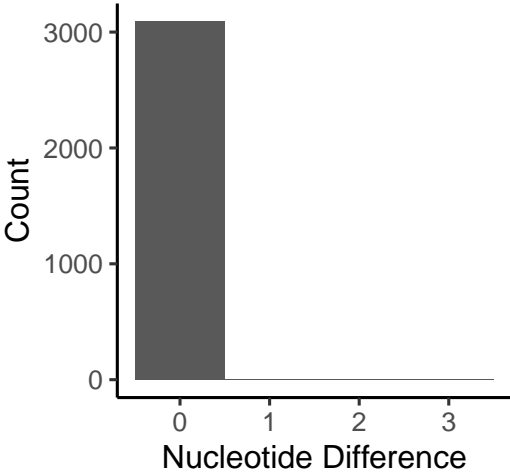
TRBV9*ap01

5503 sequences assigned
5435 (98.8%) exact matches, in which:
5358 unique CDR3
13 unique J



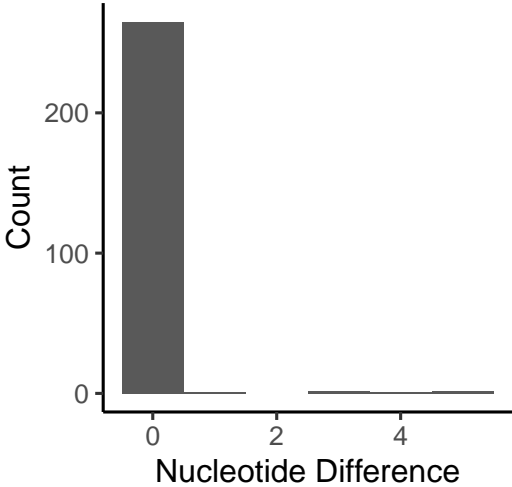
TRBV11-2*ap01

3106 sequences assigned
3092 (99.5%) exact matches, in which:
3051 unique CDR3
13 unique J



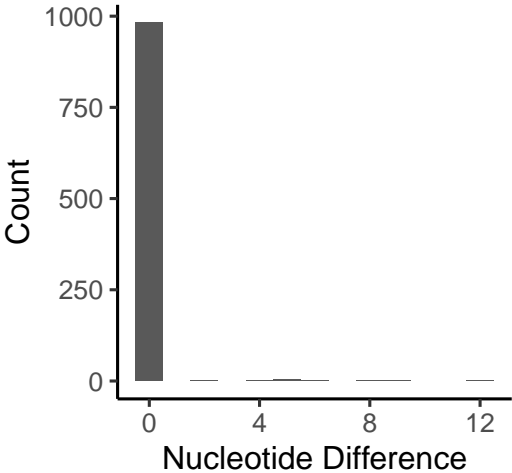
TRBV12-2*ap01

271 sequences assigned
265 (97.8%) exact matches, in which:
264 unique CDR3
13 unique J



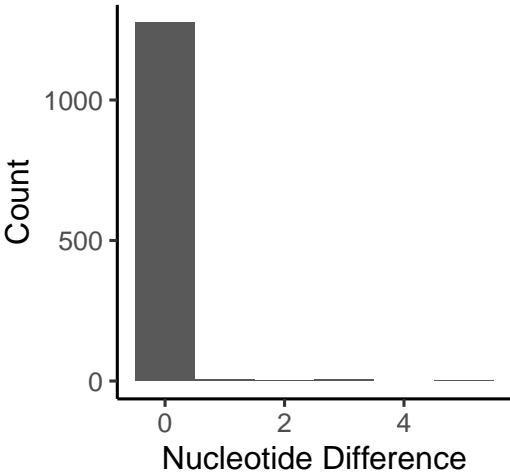
TRBV21-1*ap01

994 sequences assigned
982 (98.8%) exact matches, in which:
980 unique CDR3
13 unique J



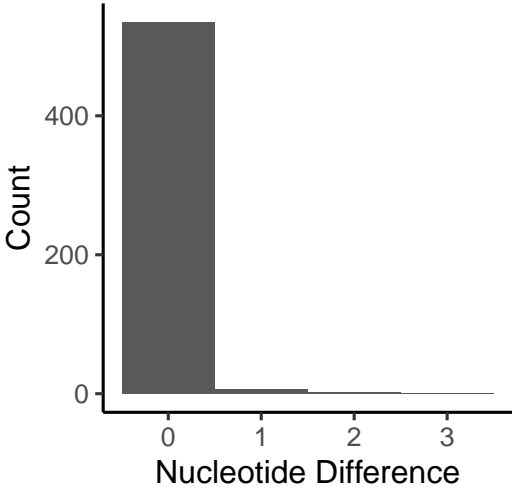
TRBV11-3*ap01

1286 sequences assigned
1275 (99.1%) exact matches, in which:
1265 unique CDR3
13 unique J



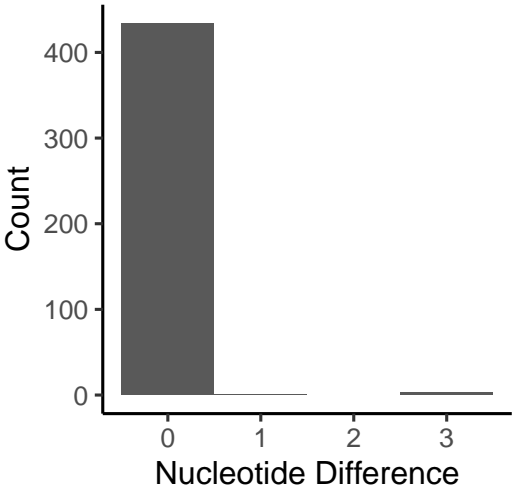
TRBV12-5*ap01

544 sequences assigned
535 (98.3%) exact matches, in which:
531 unique CDR3
13 unique J



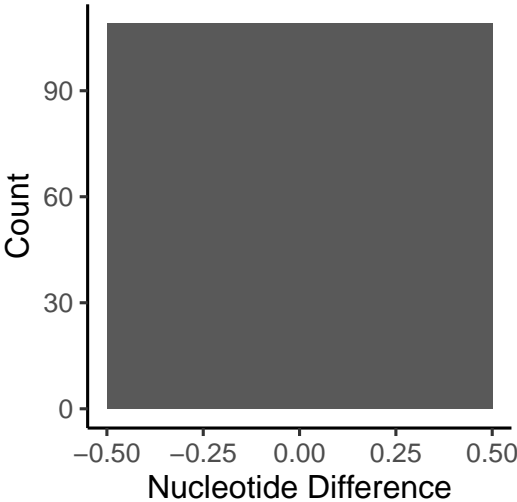
TRBV11-1*ap01

438 sequences assigned
434 (99.1%) exact matches, in which:
430 unique CDR3
13 unique J



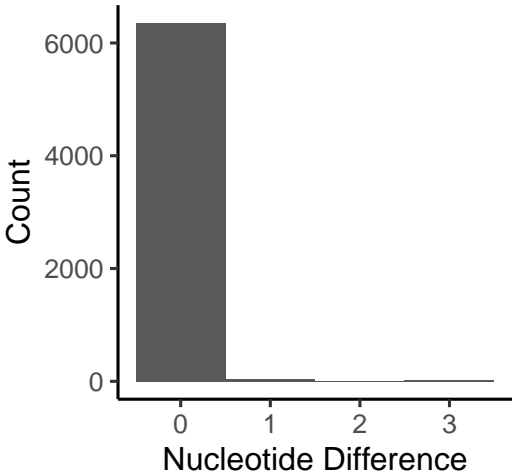
TRBV12-1*ap01

109 sequences assigned
109 (100%) exact matches, in which:
109 unique CDR3
13 unique J



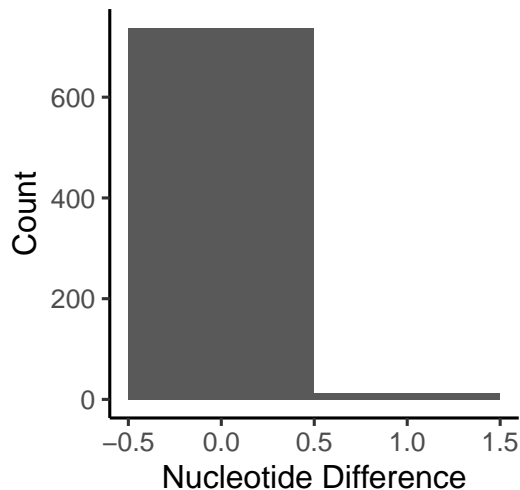
TRBV12-34*ap01

6416 sequences assigned
6353 (99%) exact matches, in which:
6286 unique CDR3
14 unique J



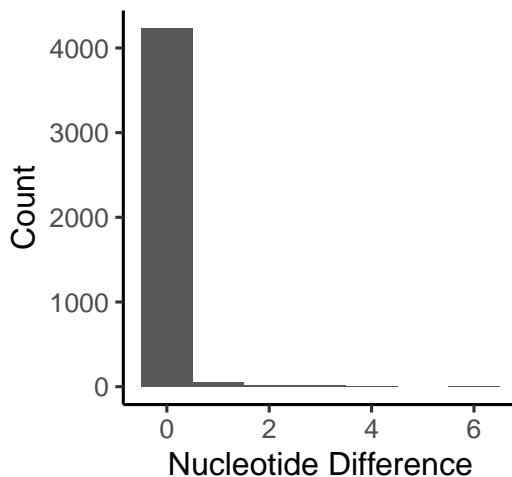
TRBV23-1*ap01

751 sequences assigned
738 (98.3%) exact matches, in which:
735 unique CDR3
13 unique J



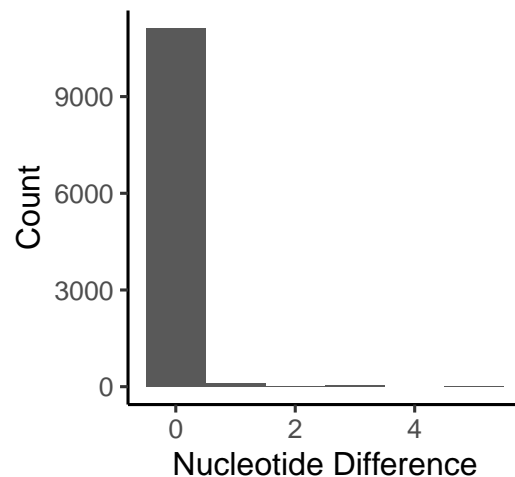
TRBV4-1*ap01

4322 sequences assigned
4231 (97.9%) exact matches, in which:
4139 unique CDR3
13 unique J



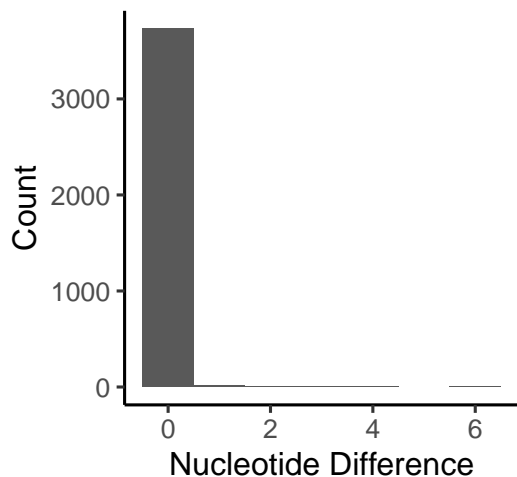
TRBV5-1*ap01

11285 sequences assigned
11116 (98.5%) exact matches, in which:
10887 unique CDR3
13 unique J



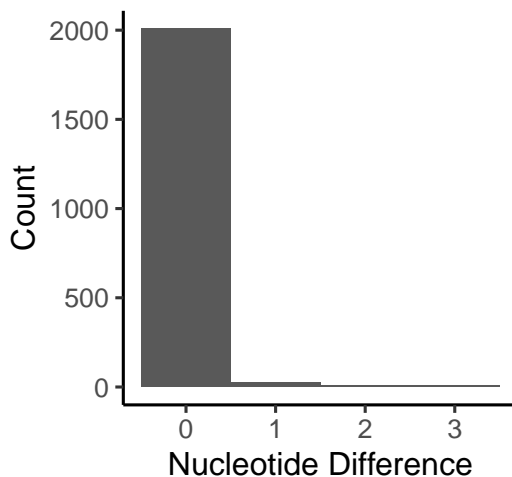
TRBV3-12*ap01

3758 sequences assigned
3731 (99.3%) exact matches, in which:
3702 unique CDR3
13 unique J



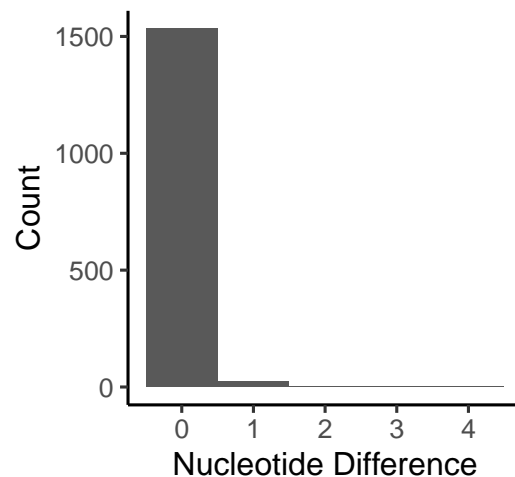
TRBV4-2*ap01

2052 sequences assigned
2008 (97.9%) exact matches, in which:
1982 unique CDR3
13 unique J



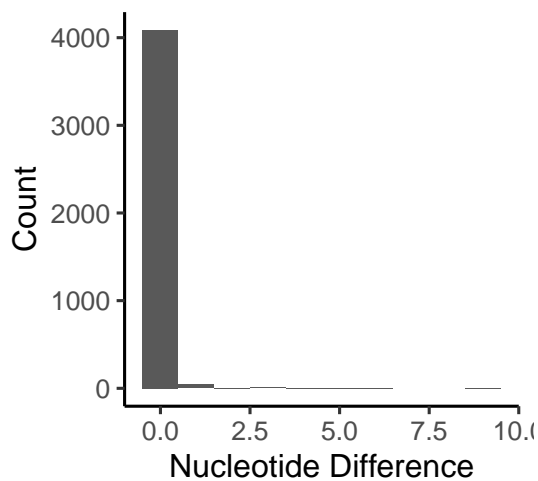
TRBV25-1*ap01

1563 sequences assigned
1533 (98.1%) exact matches, in which:
1507 unique CDR3
13 unique J



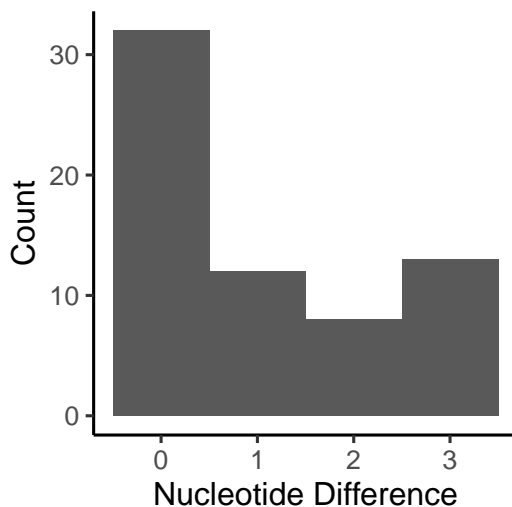
TRBV24-1*ap01

4148 sequences assigned
4087 (98.5%) exact matches, in which:
4031 unique CDR3
13 unique J



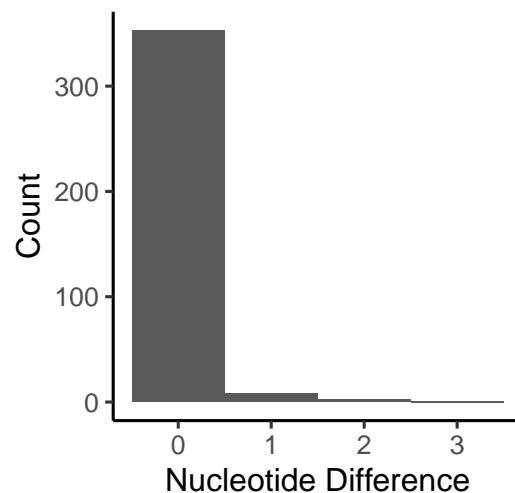
TRBV4-3*ap01

65 sequences assigned
32 (49.2%) exact matches, in which:
32 unique CDR3
11 unique J



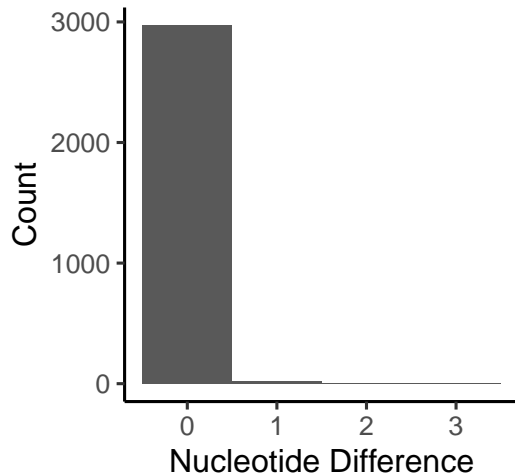
TRBV5-3*ap01

364 sequences assigned
353 (97%) exact matches, in which:
343 unique CDR3
13 unique J



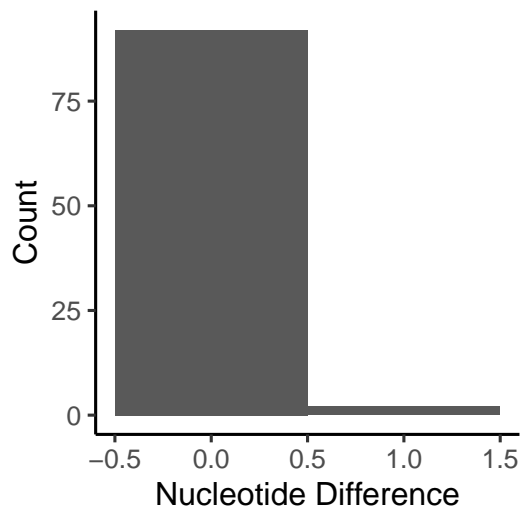
TRBV5-4*ap01

2998 sequences assigned
2971 (99.1%) exact matches, in which:
2938 unique CDR3
13 unique J



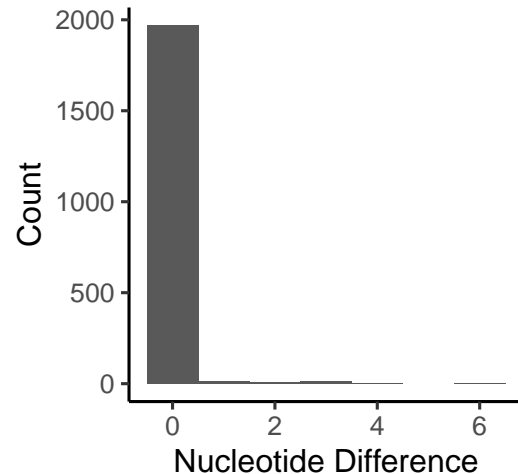
TRBV5-7*ap01

94 sequences assigned
92 (97.9%) exact matches, in which:
90 unique CDR3
13 unique J



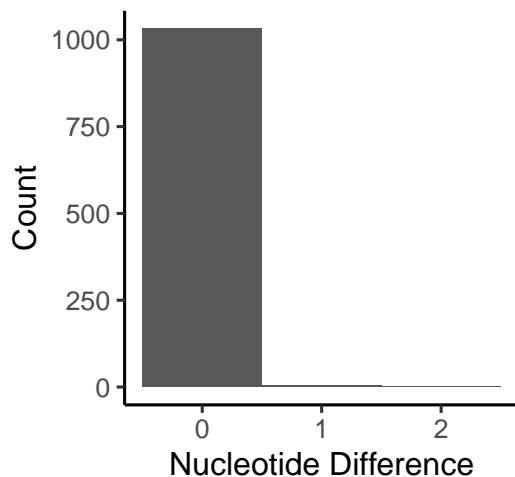
TRBV6-4*ap01

2008 sequences assigned
1969 (98.1%) exact matches, in which:
1950 unique CDR3
13 unique J



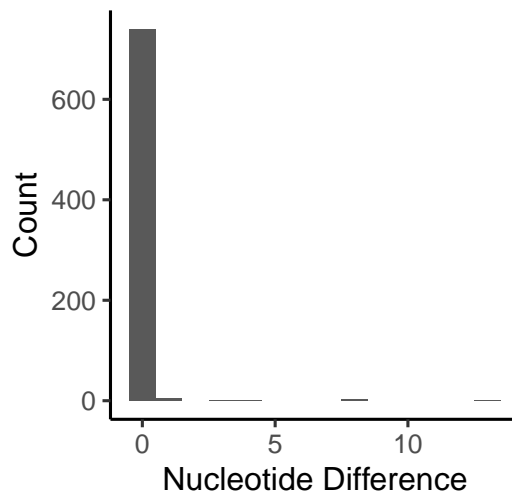
TRBV5-5*ap01

1038 sequences assigned
1032 (99.4%) exact matches, in which:
1023 unique CDR3
13 unique J



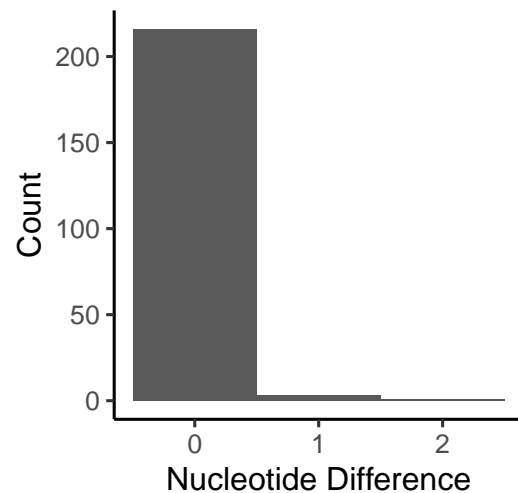
TRBV5-8*ap01

750 sequences assigned
740 (98.7%) exact matches, in which:
734 unique CDR3
13 unique J



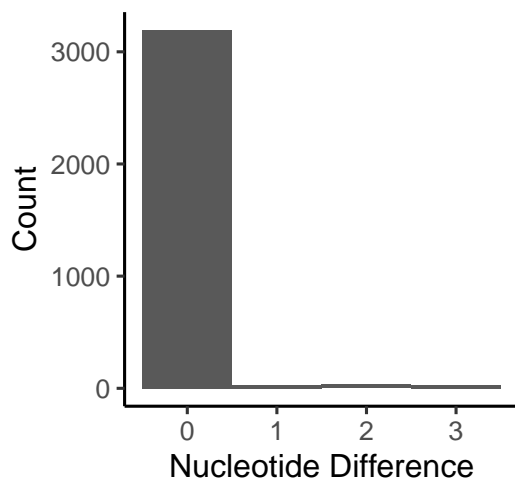
TRBV6-7*ap01

220 sequences assigned
216 (98.2%) exact matches, in which:
213 unique CDR3
13 unique J



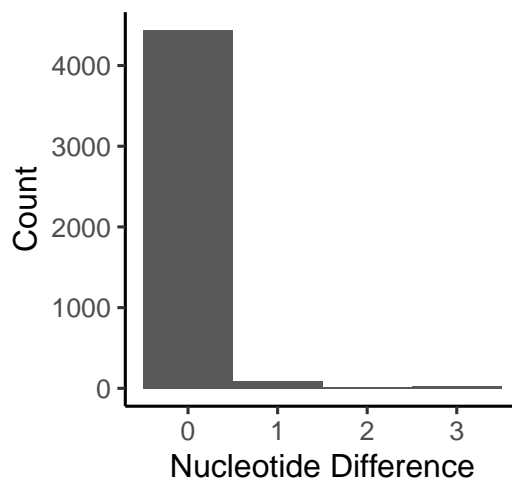
TRBV5-6*ap01

3291 sequences assigned
3194 (97.1%) exact matches, in which:
3125 unique CDR3
13 unique J



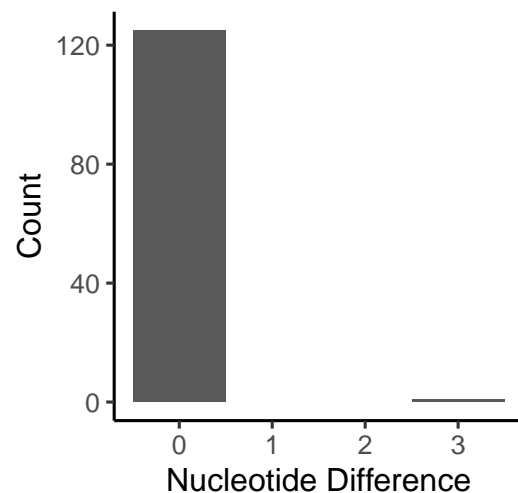
TRBV6-1*ap01

4581 sequences assigned
4440 (96.9%) exact matches, in which:
4358 unique CDR3
14 unique J



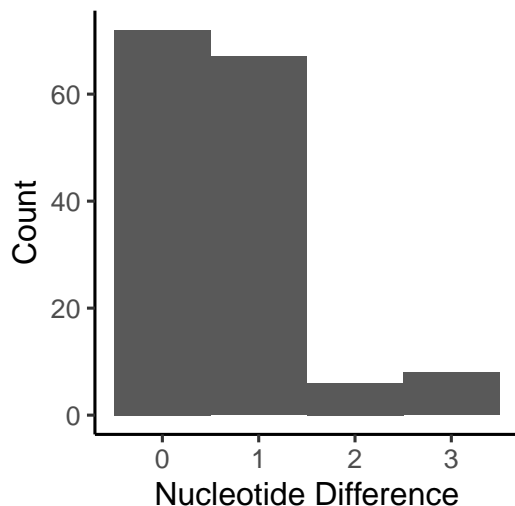
TRBV6-8*ap01

126 sequences assigned
125 (99.2%) exact matches, in which:
125 unique CDR3
12 unique J



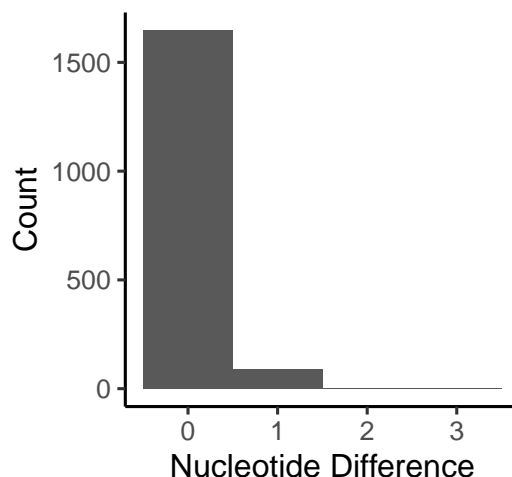
TRBV6-9*ap01

153 sequences assigned
72 (47.1%) exact matches, in which:
71 unique CDR3
11 unique J



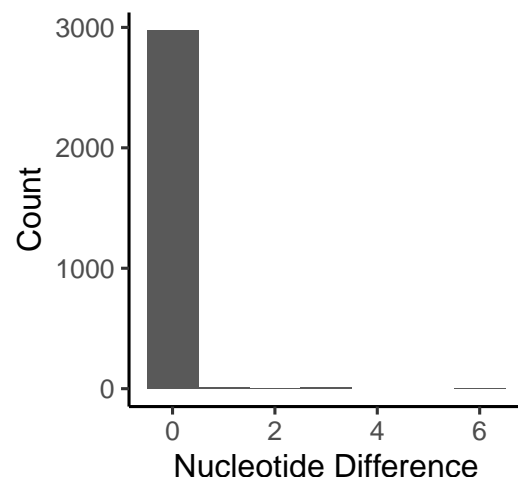
TRBV6-56*ap02

1743 sequences assigned
1647 (94.5%) exact matches, in which:
1608 unique CDR3
13 unique J



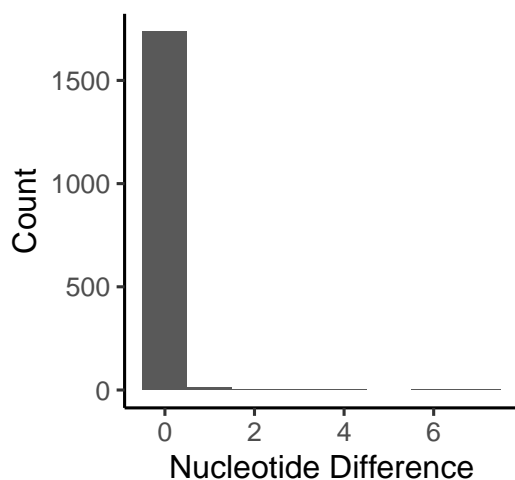
TRBV7-2*ap01

3002 sequences assigned
2975 (99.1%) exact matches, in which:
2940 unique CDR3
13 unique J



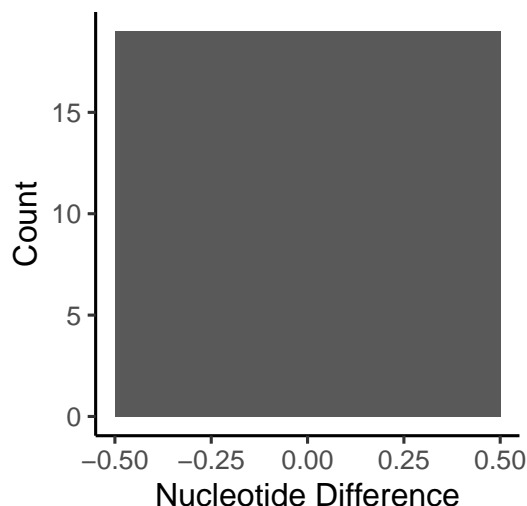
TRBV6-23*ap01

1753 sequences assigned
1736 (99%) exact matches, in which:
1694 unique CDR3
13 unique J



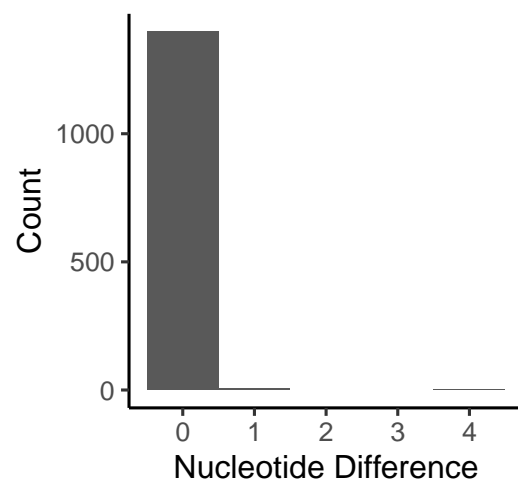
TRBV7-1*ap01_G291C_T

19 sequences assigned
19 (100%) exact matches, in which:
19 unique CDR3
8 unique J



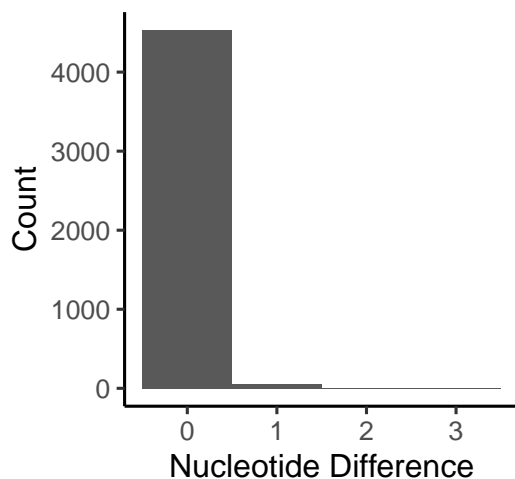
TRBV7-3*ap01

1403 sequences assigned
1398 (99.6%) exact matches, in which:
1389 unique CDR3
13 unique J



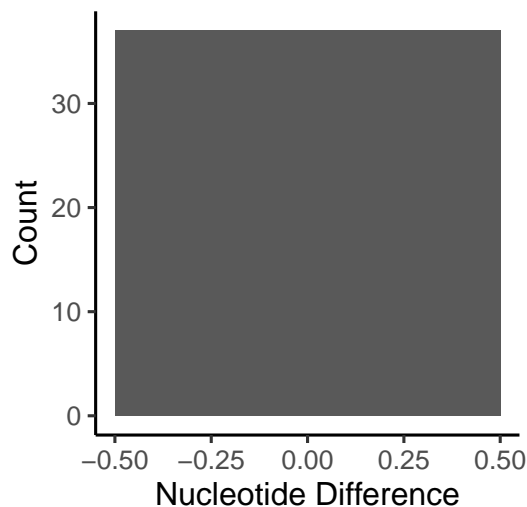
TRBV6-56*ap01

4592 sequences assigned
4532 (98.7%) exact matches, in which:
4447 unique CDR3
13 unique J



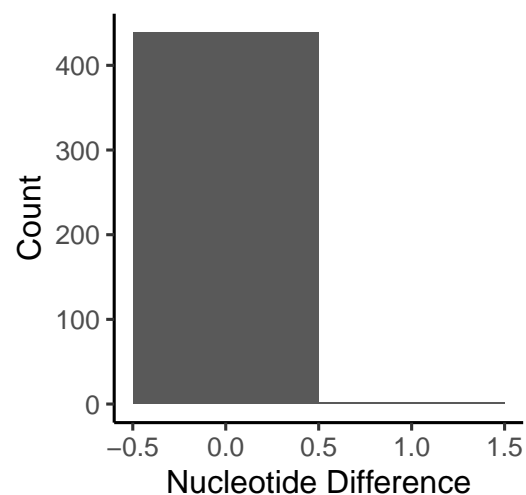
TRBV7-1*ap01_G291C_T

37 sequences assigned
37 (100%) exact matches, in which:
37 unique CDR3
11 unique J



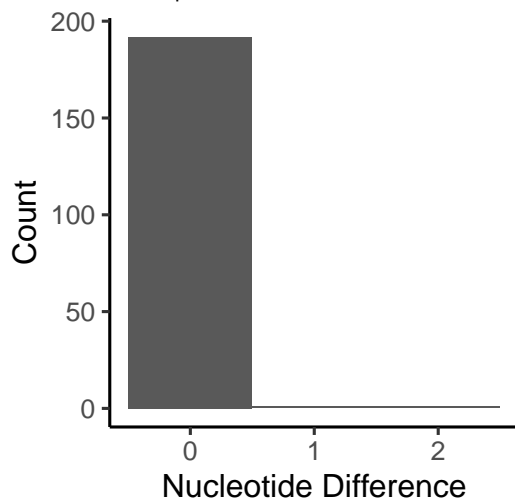
TRBV7-3*ap03

441 sequences assigned
439 (99.5%) exact matches, in which:
431 unique CDR3
13 unique J



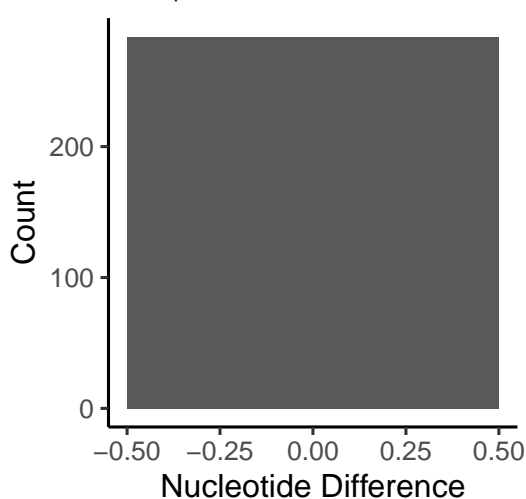
TRBV7-4*ap01

194 sequences assigned
192 (99%) exact matches, in which:
189 unique CDR3
13 unique J



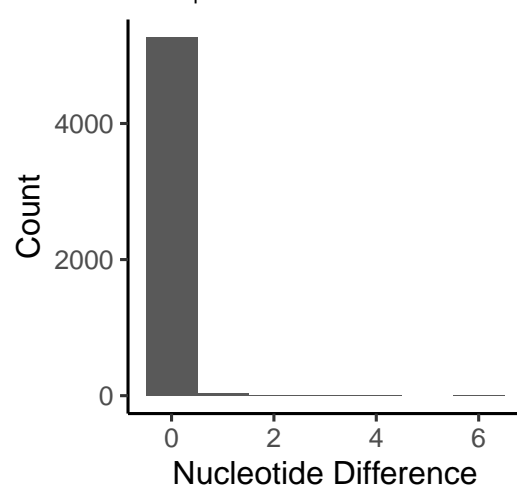
TRBV7-7*ap01_C315T

284 sequences assigned
284 (100%) exact matches, in which:
281 unique CDR3
13 unique J



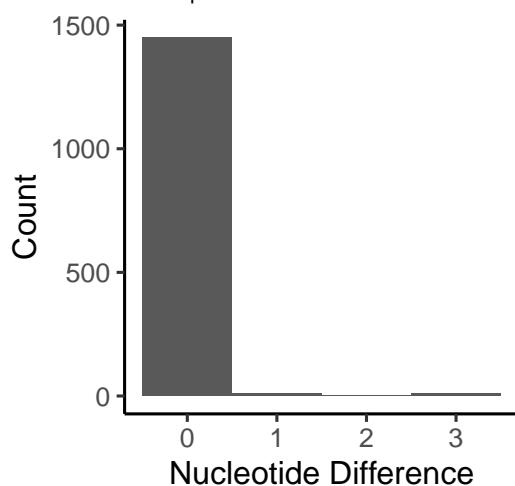
TRBV7-9*ap01

5315 sequences assigned
5265 (99.1%) exact matches, in which:
5189 unique CDR3
13 unique J



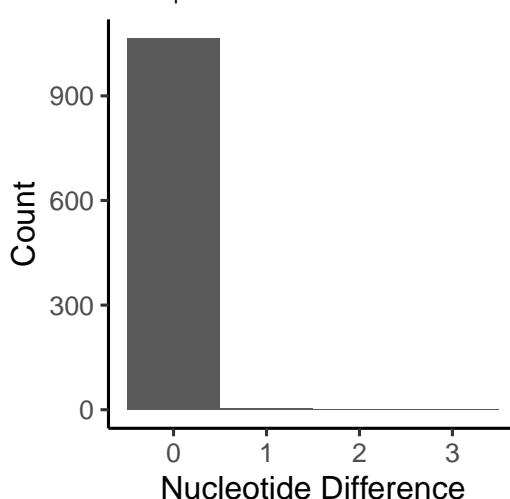
TRBV7-6*ap01

1473 sequences assigned
1449 (98.4%) exact matches, in which:
1435 unique CDR3
13 unique J



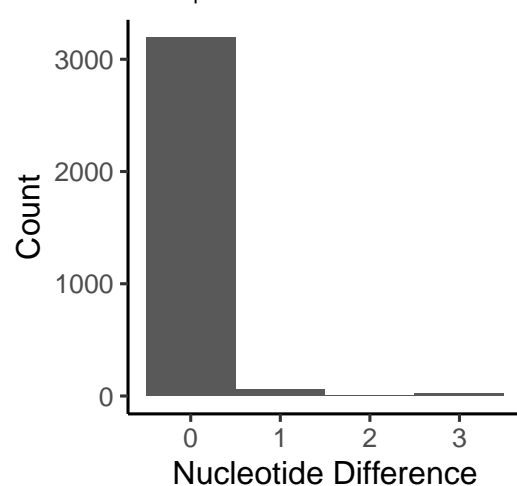
TRBV7-8*ap01

1071 sequences assigned
1066 (99.5%) exact matches, in which:
1061 unique CDR3
13 unique J



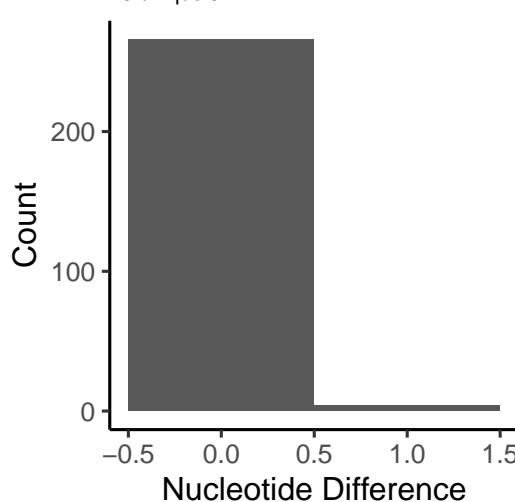
TRBV29-1*ap01

3280 sequences assigned
3192 (97.3%) exact matches, in which:
3105 unique CDR3
13 unique J



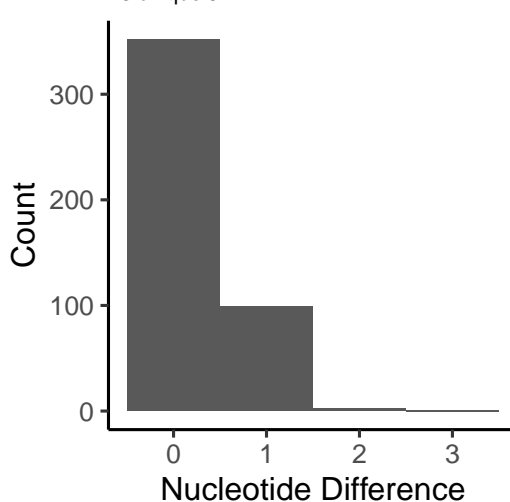
TRBV7-7*ap01

270 sequences assigned
266 (98.5%) exact matches, in which:
264 unique CDR3
13 unique J



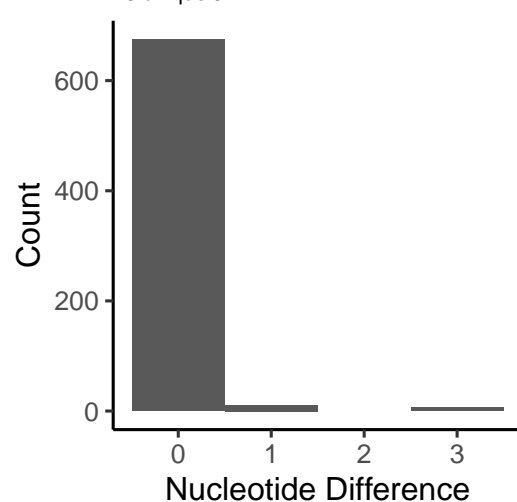
TRBV7-8*ap03

454 sequences assigned
352 (77.5%) exact matches, in which:
351 unique CDR3
13 unique J

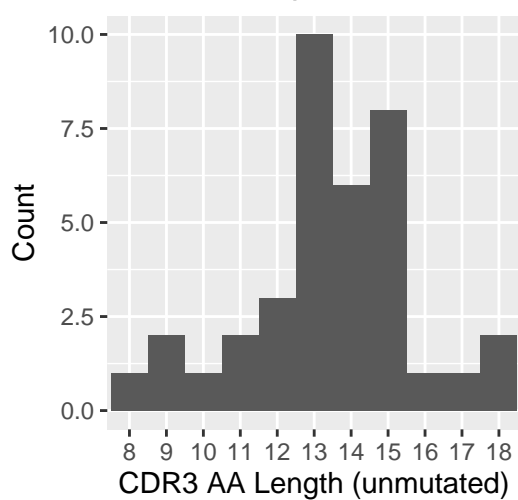


TRBV29-1*ap02

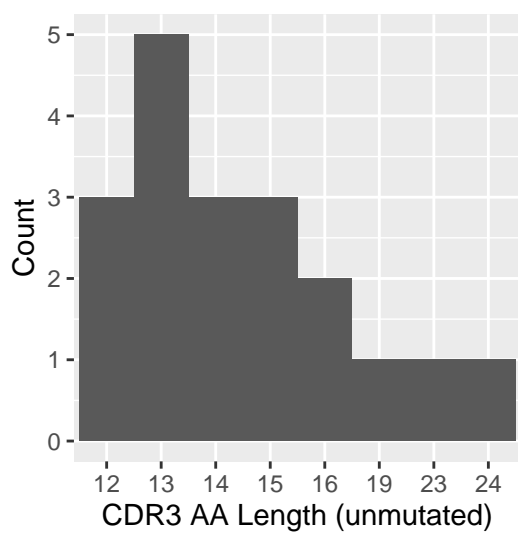
693 sequences assigned
675 (97.4%) exact matches, in which:
635 unique CDR3
13 unique J



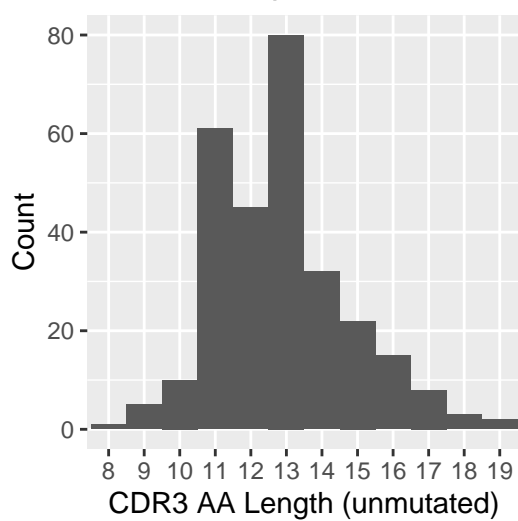
TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.